CAMP KAUFMANN, GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

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Peter Gisolfi Associates, LLP
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SYMBOLS

FOUR INTERIOR ELEVATIONS
WALL TYPE
ELEVATION
OVERALL SECTION
DETAIL SECTION
CENTER LINE
REVISION
EXISTING PARTITION/WALL TO BE DEMOLISHED (DEMO. PLAN)
EXISTING PARTITION TO REMAIN (DEMO. PLAN)
NEW PARTITION (CONST. PLAN)
NEW PARTITION MASONRY WALL
DOOR NUMBER andTYPE (CONST. PLAN)
SMOKE DETECTOR
FIRE EXIT LIGHT
HGT ABOVE FIN. FLOOR.
WINDOW NUMBER & TYPE (CONST. PLAN)
FINISH SYMBOL

ABBREVIATIONS

@	at	E	east	JC	janitor's closet	SC	solid core
&	and	EA	each	KIT	kitchen	SCHED	schedule
ADD	addendum	EJ	expansion joint	LAM	laminate	SEC	section
AFF	above finished floor	ELC	electrical contractor	MAS	masonary	SK	skylight
AP	access panel	ELEC	electric (al)	MTL	material	SC	solid core
AC	acoustical	EP	electric panelboard	MAX	maximum	SIM	similar
ACT	acoustical tile	EL	elevation	MO	masonry opening	SPEC	specification (s)
A/C	air conditioning	ELEV	elevator	MECH	mechanic (al)	SQ	square
ACD	access door	ENT	entrance	MC	mechanical contractor	SP	starting point
AD	area drain	EQ	equal	MET	metal	SS	stainless steel
ALUM	aluminum	EQP	equipment	MIN	minimum	STD	standard
ALT	alternate	EX(IST)	existing	MISC	miscellaneous	STL	steel
ARCH	architect (ural)			MRB	marble	SD	storm drain
ASB	asbestos	FA	fire alarm	MUL	mullion	SUSP CLG	suspended ceiling
ASC	above suspended ceiling		(fresh air)	NIC	not in contract	SYM	symmetry(ical)
ASPH	asphalt	FD	dimension to finish	NO	number	TEL	telephone
		FE	fire extinguisher	NTS	not to scale	T&G	tongue & groove
BLDG	building	FHC	fire hose cabinet			TC	top of curb
BLT-IN	built-in	FIN	finish (ed)	OC	on center (s)	TSL	top of slab
BM	beam	FF	finished floor	OPN'G	opening	TST	top of steel
BRK	brick	FFE	finished floor	OUT	outlet	TF	top of footing
BUR	built-up roofing		elevation (level)			TW	top of wall
B.M.O.	brick masonry opg.	FLG	flashing	PLYWD	plywood	TT	terrazzo tile
		FFL	finished floor line	PLBG	plumbing	TYP	typical
CAB	cabinet	FLR	floor	PLC	plumbing contractor	TG	tempered glass
CC	construction contractor	FC	flooring contractor	PV	power ventilator with cant	VB	vinyl base
CPT	carpet	FLD	floor drain	PT	point	VIF	verify in field
CLL	contract limit line	FLUOR	fluorescent	LB	pound	VS	vent stack or pipe
CJT	control joint	FT	feet	PTN	partition	VT	vinyl tile
CL'G	ceiling	FUR	furred	PTD	painted	UON	unless otherwise noted
CM	crown moulding	GC	general contractor	QT	quarry tile	WG	wire glass
CMU	concrete masonry unit	GYP	gypsum	RLG	railing	WD	wood
COL	column	GB	gypsum board	REINF	reinforce (d), (ing)		
CONC	concrete	GWB	gypsum wall board	RC	reinforced concrete		
CONST	construction	GPDW	gypsum dry wall	REF	reference		
CONT	continuous	HDW	hardware	REQ	register (ed)		
CONTR	contractor	HM	hollow metal	REM	remove		
CRG	cross grain	HC	hollow core	REQ	require (s)		
CU.IN.	cubic inch(es)	HR	hand rail	RET	return		
CU.FT.	cubic foot	HR	hour	RA	return air		
		HT	height	REV	revision (s)		
DPR	damper	HVAC	heating/ventilating/ air conditioning	RL	roof ladder		
DET	detail			RO	rough opening		
DEMO	demolish, demolition	HWD	hardwood	RV	roof vent		
DIAM	diameter	HB	hose bibb	RH	roof hatch		
DIFF	diffuser	HMF	hollow metal frame	RD	roof drain		
DIM	dimension	INCAN	incandescent	RM	room		
DIM	dimension	INFO	information	RB	rubber base		
DR	door	INSUL	insulate (d) (lion)	RBT	rubber tile		
D	drain	INT	interior				
DW	drywall	INST	installation				
DWG	drawing	INT	interior				

GENERAL NOTES

1. All materials, assemblies, forms, and methods of construction shall comply with these documents and any of the codes and standards referenced within any or all of these documents.
2. Contractor(s) must comply at all times with OSHA rules and requirements.
3. Contractor(s) shall be solely responsible for construction means, methods, techniques, sequences, or procedures or for safety precautions and programs in conjunction with the work.
4. Contractor(s) must be familiar with all of the drawings and specifications (Contract Documents) pertaining to all of the trades connected with the project.
5. The Contractor(s) shall study and compare all drawings and verify all measurement figures before laying out or constructing the work. Deviation from the drawings and the dimensions given therein shall be made only after written approval or confirmation is requested by the Contractor(s) and issued by the Architect.
6. Whenever any additional materials and/or workmanship not shown are required to complete the work of the Contract Documents in accordance with the obvious intent thereof, the Contractor shall provide these materials and workmanship at no additional cost to the Owner.
7. In the event of conflicts, omissions, ambiguities, discrepancies and /or unclear circumstances between any of the requirements of the Contract Documents, the requirement that is most inclusive and of highest quality, and/or cost shall govern. Contractor(s) shall (a) provide the better quality or greater quantity of work or (b) comply with the more stringent requirement, either or both, in accordance with the Architect's interpretation. No extra compensation shall be awarded to the Contractor(s) based upon a claim of ambiguity or unclear circumstances in the Contract Documents.
8. The Contractor(s) shall verify the accuracy of all elevations, dimensions, and locations and report any discrepancy between existing conditions and the information shown on the drawings prior to the start of work. Any errors due to the Contractor(s) failure to verify such elevations, dimensions, and locations shall be rectified by the Contractor(s) without change to the project schedule and at no cost to the Owner.
9. If a change in the work is found necessary due to a discrepancy between actual field conditions and the drawings, the Contractor(s) shall submit detailed drawings of such departure for the approval of the Architect before making any changes.
10. Contractor(s) shall coordinate neighborhood street access, delivery routing, vehicle parking locations, acceptable hours for construction and material delivery with the Owner and the Owner's Representative.
11. Contractor(s) shall not cause interruption in services such as power, water, or heat without the approval of the Owner and Owner's Representative.
12. Contractor(s) shall protect all areas adjacent to the construction area from damage by construction vehicles, equipment, or construction personnel. Any damage to adjacent areas shall be repaired by the Contractor(s) with no change to the project schedule and at no cost to the Owner.
13. Provisions shall be made to prevent the passage of dust and contaminants into adjacent parts of the building which are not part of the Construction Contract. Periodic inspection and repairs of the containment barriers must be made to prevent exposure to dust or contaminants.
14. Under no circumstances shall the Contractor(s) submit the Architect's own construction drawings or details as their shop drawings or as-built drawings. Shop drawings and as-built drawings must be original documents provided by the Contractor(s).
15. Unless otherwise noted, all gypsum board shall be fire-rated (Type X).
16. All rough wood framing, plywood, and blocking shall be fire retardant treated.
17. All horizontal penetrations through fire rated walls and all vertical penetrations through floor structures shall be properly firestopped and/or equipped with smoke/fire dampers to maintain the integrity of the fire ratings indicated. Where firestopping is not required, spaces between the tops of walls or around penetrations shall be filled with noncombustible material approved by the Architect.
18. Control and expansion joints will be required in all CMU and brick (interior and exterior), per industry standards (National Concrete Masonry Institute and Brick Institute of America); sketches showing precise joint locations will be subsequently issued by the Architect.

DEMOLITION NOTES

1. See Specification Section 024119 "Selective Demolition."
2. The Contractor is solely responsible for all activities, actions, supervision, and control related to the demolition of any and all portions of the existing building.
3. The Contractor is solely responsible for verifying the integrity of the existing structure before demolishing any walls, floors, ceilings, and/or roofing.
4. The Contractor is solely responsible for identifying any load-bearing walls prior to demolition, and for providing reinforcement or support before demolition, saw-cutting or other operations begin.
5. The installation, use, and removal of shoring, reinforcement, and/or temporary supports are the sole responsibility of the Contractor.
6. It is understood that the Architect has no responsibility whatsoever for the Contractor's demolition operations including, but not limited to sequence of operations, means, methods, supervision, or control.
7. Any injuries resulting from the Contractor's demolition operations are the sole responsibility of the Contractor.

LIST OF DRAWINGS

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C-301 GRADING AND UTILITIES PLAN
C-302 GRADING AND UTILITIES PLAN
C-303 GRADING, UTILITIES & EROSION PLAN AND SEDIMENT CONTROL PLAN
C-400 SBTS ABSORPTION TRENCH & DISTRIBUTION PLAN
C-500 EROSION AND SEDIMENT CONTROL PLAN
C-501 EROSION AND SEDIMENT CONTROL PLAN
C-502 EROSION AND SEDIMENT CONTROL PLAN
C-600 SEWER PROFILES
C-601 SEWER PROFILES
C-602 SEWER FORCEMAIN PROFILES
C-700 SBTS TRENCH DISTRIBUTION SCHEMATICS
C-800 SBTS ABSORPTION TRENCH PROFILES
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WATER & SEPTIC
CWS-100 EXISTING CONDITIONS PLAN
SWS-200 OVERALL PLAN
CWS-300 GRADING & UTILITIES PLAN
CWS-301 GRADING & UTILITIES PLAN
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CWS-600 SBTS TRENCH DISTRIBUTION SCHEMATICS
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STRUCTURAL
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S-003 GENERAL NOTES (2)
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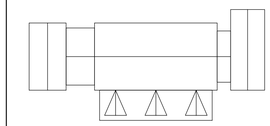
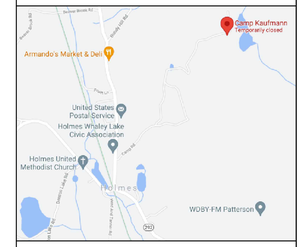
E-6 POWER- LEGEND, ABBREVIATION & SCHEDULES
E-7 KITCHEN PLAN
E-8 ELECTRICAL EQUIPMENT SCHEDULE

KEY PLAN



N.T.S.

BUILDING LOCATION PLAN



No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
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143 Main Street
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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

TITLE SHEET

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	T-001
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

DUTCHESS COUNTY DEPARTMENT OF BEHAVIORAL AND COMMUNITY HEALTH

Date: _____

Project: Girl Scouts of Greater New York

Camp Kaufmann

81 Camp Road, Town of Pawling

Supervising Public Health Engineer

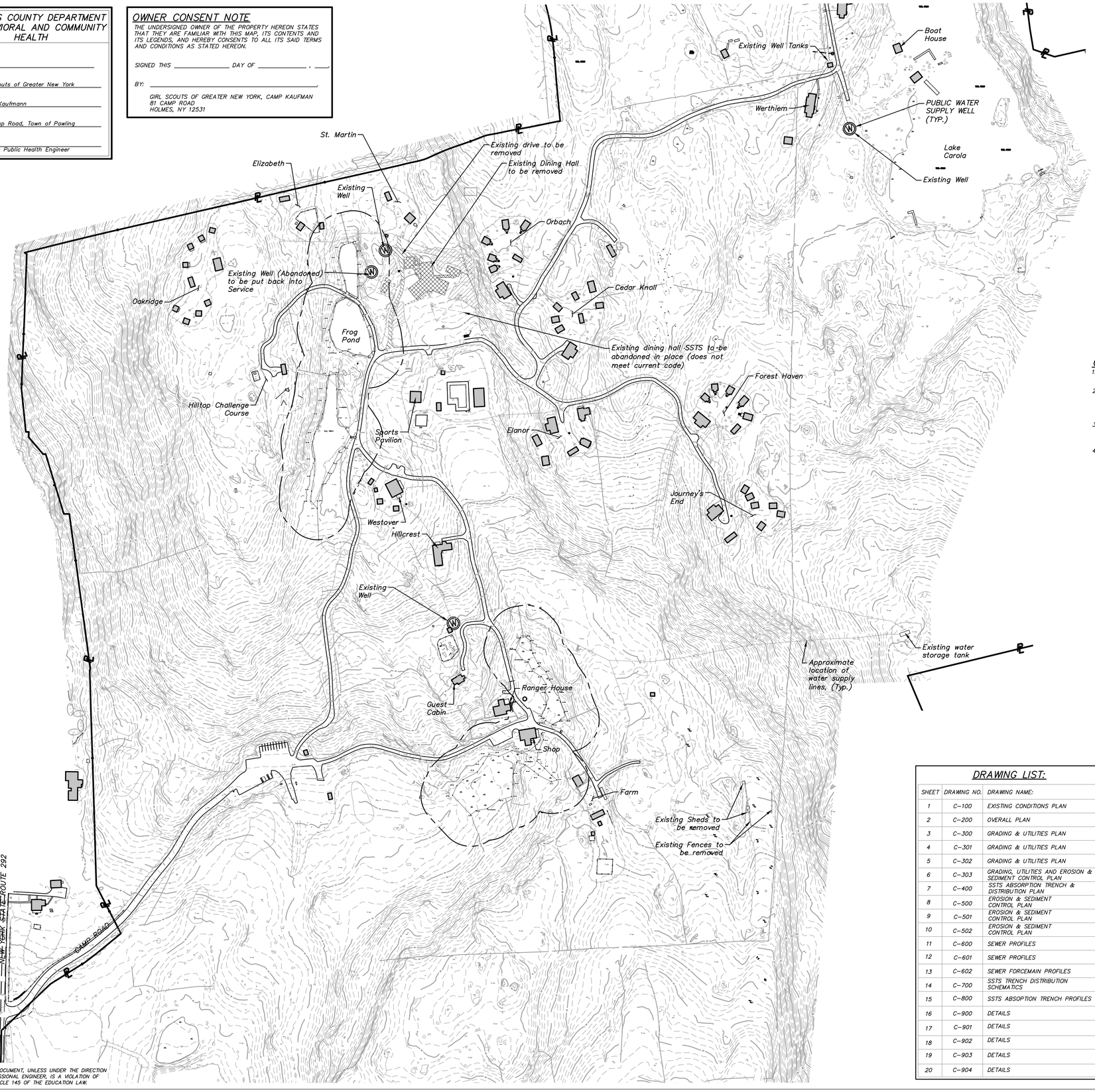
OWNER CONSENT NOTE

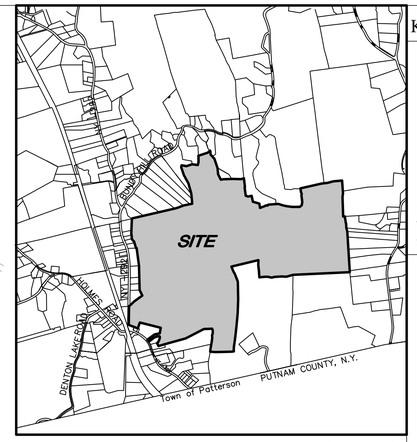
THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS, AND HEREBY CONSENTS TO ALL ITS SAID TERMS AND CONDITIONS AS STATED HEREON.

SIGNED THIS _____ DAY OF _____ , ____

BY: _____

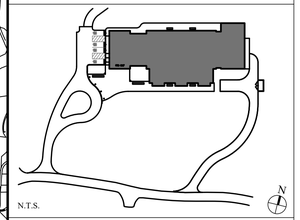
GIRL SCOUTS OF GREATER NEW YORK, CAMP KAUFMAN
81 CAMP ROAD
HOLMES, NY 12531





LOCATION MAP SCALE: 1" = 2000'±

KEY PLAN



OWNER/APPLICANT:

GIRL SCOUTS OF GREATER NEW YORK
CAMP KAUFMANN
81 CAMP ROAD
TOWN OF PAWLING

SITE DATA:

Zone: R-4
Total Acreage 425± AC
Tax Map No.: 134089-6955-00-070854

GENERAL NOTES:

1. Property Line shown hereon is taken from the Dutchess County GIS tax map data base.
2. Topography shown hereon is based upon aerial photography dated 2014 LIDAR COLLECTION and is photogrammetrically compiled. Elevations shown hereon conform to the National Geodetic Survey Standard Vertical Datum of 1929 (NGVD 29). The contour interval is 2'.
3. Water line information shown hereon is taken from map entitled "PWS Modification for Well #3" dated September 26, 2018 with a revision date of August 14, 2019 prepared by Day Stokosa Engineering P.C.
4. Due to the large size of the property, only the property lines around the developed area are shown.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING BUILDING TO REMAIN
- EXISTING STONE WALL
- EXISTING DIRT TRAIL
- EXISTING WIRE FENCE
- EXISTING EDGE OF WATER
- EXISTING WETLAND
- EXISTING WETLAND FLAG
- EXISTING WELL
- EXISTING WETLAND BUFFER
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- EXISTING TREELINE
- EXISTING STRUCTURES TO BE REMOVED
- EXISTING SURFACES TO BE REMOVED
- EXISTING TREES TO BE REMOVED

DRAWING LIST:

SHEET	DRAWING NO.	DRAWING NAME:
1	C-100	EXISTING CONDITIONS PLAN
2	C-200	OVERALL PLAN
3	C-300	GRADING & UTILITIES PLAN
4	C-301	GRADING & UTILITIES PLAN
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16	C-900	DETAILS
17	C-901	DETAILS
18	C-902	DETAILS
19	C-903	DETAILS
20	C-904	DETAILS

0 75 150 300

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A MOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

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HOLMES, NY 12531

Drawing Title

EXISTING CONDITIONS PLAN

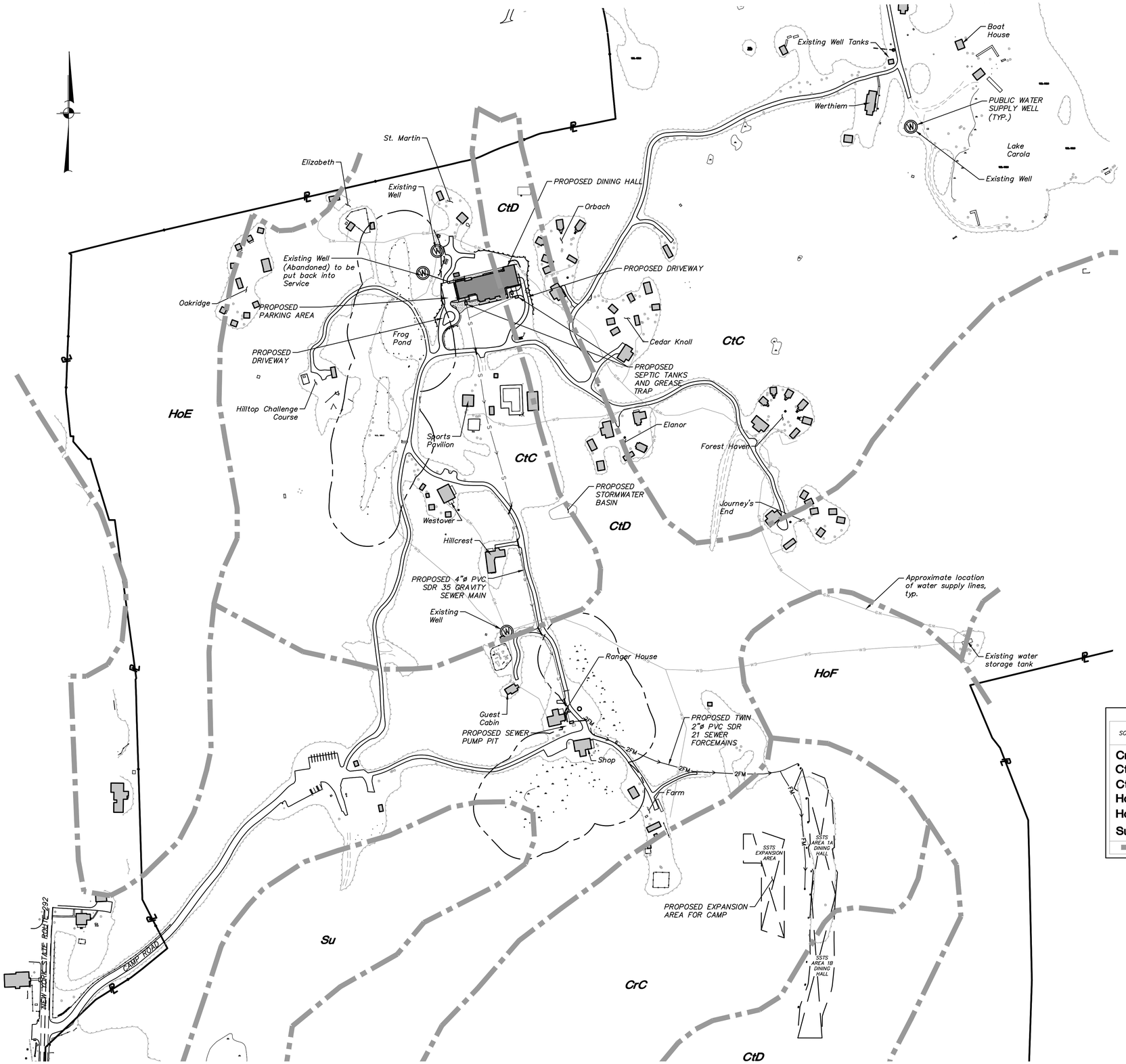
Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · LICENSED PROFESSIONAL ENGINEER · NO. 77930

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-100
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

Z:\E\20214\00 Camp Kaufmann\Misc Drawing Files\95A Trisblock Set\Combined Set\01 C-100.dwg, 6/24/2022 2:25:35 PM, jmcmanus, 1:1



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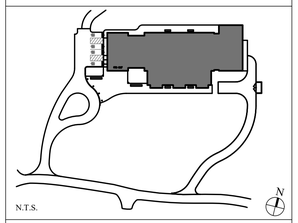
- EXISTING EDGE OF WATER
- EXISTING WETLAND
- EXISTING WETLAND FLAG
- EXISTING WELL
- EXISTING WETLAND BUFFER
- EXISTING TREELINE
- PROPOSED SEWER GRAVITY MAIN
- PROPOSED SEWER FORCE MAIN
- PROPOSED TWIN SEWER FORCEMAIN

SOILS LEGEND

SOILS	DESCRIPTION	HYDROLOGICAL GROUP
CrC	Charlton–Chatfield complex, rolling, rocky 5% to 16% slopes	B
CtC	Chatfield–Hollis complex, rolling, very rocky, 5% to 16% slopes	B
CtD	Chatfield–Hollis complex, hilly, very rocky, 15% to 30% slopes	B
HoE	Hollis–Chatfield–Rock Outcrop complex, steep	D
HoF	Hollis–Chatfield–Rock Outcrop complex, very steep	D
Su	Sun silt loam	D
	NRCS Soil Boundary Line	

0 75 150 300

KEY PLAN



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GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

OVERALL PLAN

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 077950 · LICENSED PROFESSIONAL ENGINEER

Date: 06/21/2021
PROJECT No: 20214.100
DRAWN BY: JWM
CHK BY: JMW
DWG No:

C-200

CADD FILE No:

W:\2005 Girl Scouts of Greater NY

2 / 20

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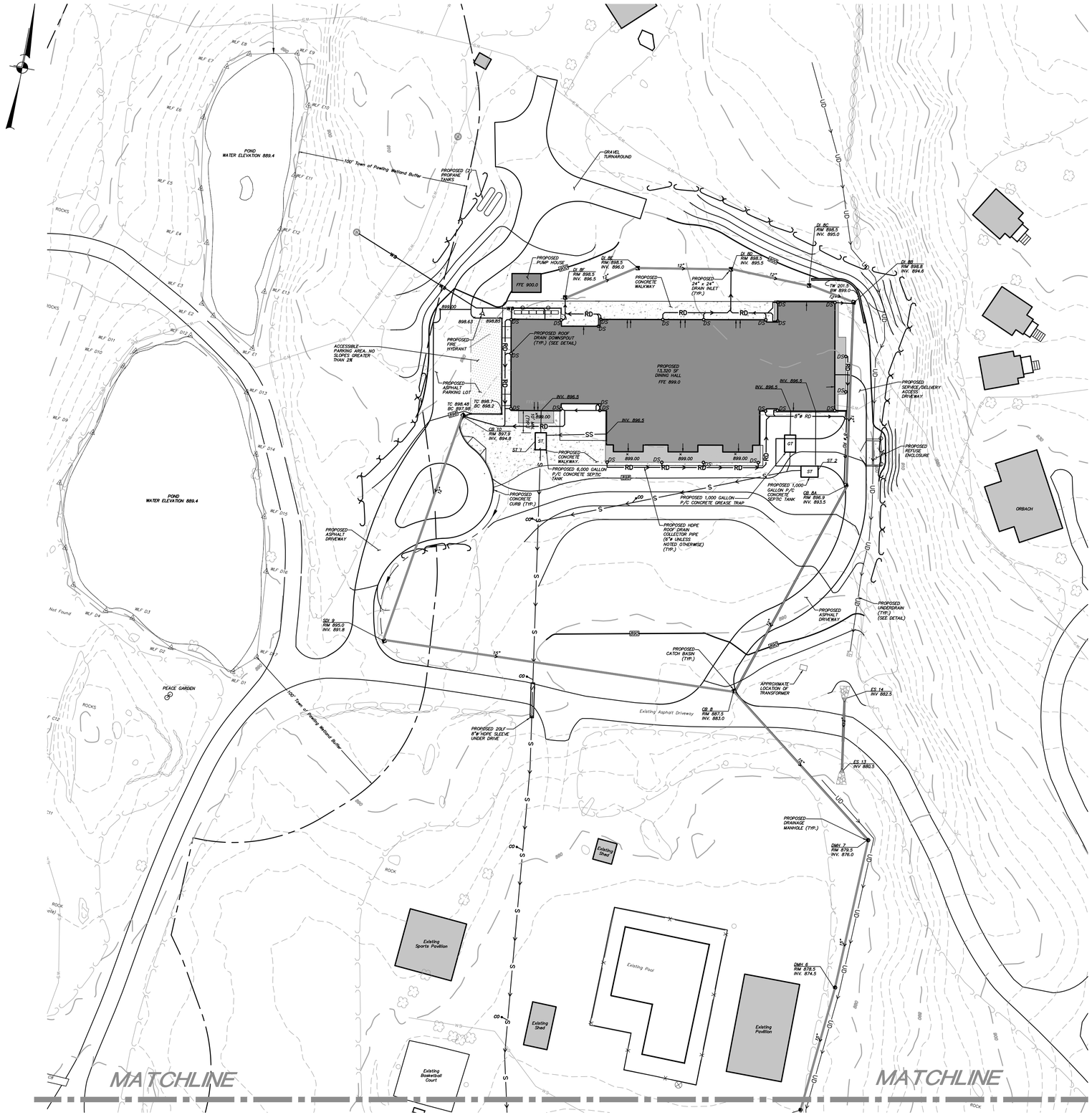


LEGEND

- EXISTING PROPERTY LINE
- EXISTING BUILDING TO REMAIN
- EXISTING STONE WALL
- EXISTING DIRT TRAIL
- EXISTING WIRE FENCE
- EXISTING EDGE OF WATER
- EXISTING WETLAND
- EXISTING WETLAND FLAG
- EXISTING WELL
- EXISTING WETLAND BUFFER
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING SPOT GRADE
- EXISTING DECIDUOUS TREE
- EXISTING TREELINE
- TP-1 DEEP TEST HOLE
- I1 INFILTRATION TEST HOLE
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED SPOT ELEVATION
- TC 101.0 / BC 100.5 PROPOSED TOP OF CURB & BOTTOM OF CURB ELEVATIONS
- TW 105.0 / BW 100.0 PROPOSED TOP OF WALL & BOTTOM OF WALL ELEVATIONS
- PROPOSED FIRE HYDRANT
- PROPOSED DRAINAGE MANHOLE
- PROPOSED HYDRODYNAMIC SEPARATOR
- PROPOSED CATCH BASIN
- PROPOSED OUTLET STRUCTURE
- PROPOSED END SECTION
- PROPOSED DRAINAGE PIPE
- RD PROPOSED ROOF DRAIN
- UD PROPOSED UNDER DRAIN
- DB DISTRIBUTION BOX (DB)
- ST SEPTIC TANK
- GT GREASE TRAP
- PP PUMP PIT
- D1 DEEP TEST HOLE
- P1 PERCOLATION TEST HOLE
- WS WATER SERVICE CONNECTION
- PROPOSED SEWER MANHOLE
- S PROPOSED SEWER MAIN
- FM PROPOSED SEWER FORCE MAIN
- SS PROPOSED SEWER SERVICE LINE
- CO PROPOSED CLEAN OUT

GENERAL NOTES:

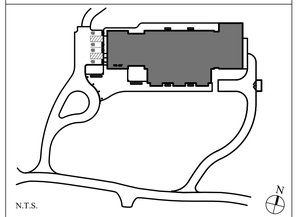
1. All proposed utilities are to be placed underground.

GENERAL NOTES FOR ACCESSIBLE ROUTES ON THE SITE:

1. Accessible routes on the site include marked accessible parking spaces and access aisles, sidewalk curb ramps, walkways and ramps.
2. Marked accessible parking spaces and access aisles shall have surface slopes not steeper than 1:50. (2%)
3. Sidewalk curb ramps shall comply with the following items as applicable:
   a. Walking surfaces of sidewalk curb ramps shall be stable, firm and slip resistant.
   b. The running slope shall not exceed 8.0%.
   c. The cross slope shall not exceed 1:50 (2%).
   d. Landings and blended transitions shall be constructed to prevent the accumulation of water.
   e. Where provided, side flares for curb ramps shall not be steeper than 1:10 (10%).
   f. Curb ramps at marked crosswalks shall be wholly contained within the markings, excluding any flared sides.
   g. Landings shall be provided at the top of curb ramps. the clear length of the landing shall be 36 inches minimum. the clear width of the landing shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.
   h. Where detectable warnings are provided on curb ramps, they shall be 24 inches minimum in depth in the direction of travel, shall extend the full width of the curb ramp or flush surface, and be located so that the edge nearest the curb line is 6 inches minimum and 8 inches maximum from the curb line.
   i. Refer to sidewalk curb ramp details for additional information.
4. Walkways along an accessible route shall comply with the following items as applicable:
   a. Walking surfaces shall be stable, firm and slip resistant.
   b. Vertical changes in level along walking surface shall not exceed 1/4". Changes in level greater than 1/4" in height and not more than 1/2" shall be beveled with a slope not steeper than 1:2.
   c. The running slope of the walking surfaces shall not be steeper than 1:20 (5%).
   d. The cross slope of a walking surface shall not be steeper than 1:50 (2%).
   e. The clear width of an accessible route shall be 36" minimum.
   f. An accessible route with a clear width less than 60 inches shall provide passing spaces at intervals of 200 feet maximum. passing spaces shall be 60 inch minimum by 60 inch minimum.
5. Ramps along an accessible route shall comply with the following items:
   a. Ramp runs shall have a running slope greater than 1:20 (5%) and not steeper than 8.0%.
   b. The cross slope of ramp runs shall not exceed 1:50 (2%).
   c. Walking surfaces of ramp runs and associated landings shall be stable, firm and slip resistant.
   d. The clear width of a ramp run shall be 36 inches minimum or as shown. handrails and handrail supports that are provided on the ramp run shall not project into the required clear width of the ramp run or associated landing.
   e. The maximum rise for any ramp is 2'-6".
   f. The maximum run for any ramp is 30'-0".
   g. Ramps shall have landings at the bottom and top of each ramp run. landings shall have a slope not to exceed 1:50 (2%) and shall have a clear length and width of 60" minimum.
   h. Adjacent finished grades along sides of ramp shall not have a vertical dropoff of 1/2" within 10" of the edge of the concrete.
   i. Refer to concrete handicap ramp detail for additional information.

0 15 30 60

KEY PLAN



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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

GRADING & UTILITIES PLAN

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

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CADD FILE No:	W:\2005 Girl Scouts of Greater NY

3 / 20

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MATCHLINE

MATCHLINE

APPROXIMATE LOCATION OF EXISTING WATER SERVICE LINE (TYP.)

DMH 5
RIM 876.4
INV. 873.0

PROPOSED DRAINAGE MANHOLE (TYP.)

DMH 4
RIM 869.5
INV. 866.0

MESTOVER

SMH 6

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

PROPOSED FLOW SPLITTER MH
RIM 863.0
INV. IN 859.9 (DMH 4)
INV. OUT 859.0 (SMP 1.1P)
INV. OUT 859.9 (CS 3A)

PROPOSED HYDRODYNAMIC SEPARATOR
HDS 10
RIM 862.6
INV. 858.0

CS 2
INV. 855.5

CS 3A
INV. 855.5

I1

TP-1

TP-2

I2

CS 1
INV. 851.0

PROPOSED INFILTRATION BASIN (SMP 1.1P)

PROPOSED END SECTION AND RIP RAP PAD (TYP.)

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

Existing Driveway

HILLCREST

APPROXIMATE LOCATION OF EXISTING WATER SERVICE LINE (TYP.)

Wetland

ROCK

ROCKS

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STORMWATER MANAGEMENT PRACTICE TESTING RESULTS:

DEEP TESTS OBSERVED ON DECEMBER 22, 2021 BY JACK MCMANUS, INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C. WITNESSED BY MELISSA NG WITH NYCDEP

NOTE: NO GROUNDWATER, MOTTLING OR ROCK ENCOUNTERED UNLESS NOTED.

TP-1: 0"–12": TOPSOIL
12"–68": SILTY LOAM
LEDGE @ 68"

TP-2: 0"–12": TOPSOIL
12"–36": MEDIUM BROWN LOAM
36"– 108" LIGHT BROWN SILTY LOAM
108"–120" SILT
GROUND WATER @ 108"

INFILTRATION TEST RESULTS:

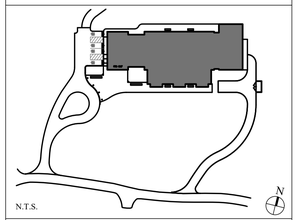
DEEP TESTS PERFORMED ON MARCH 24, 2022 BY PEYTON MANNING, INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C. WITNESSED BY BONING LIU WITH NYCDEP

I1: 15 INCH/HOUR

I2: 24 INCH/HOUR

0 15 30 60

KEY PLAN



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Seal & Signature

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CADD FILE No:	

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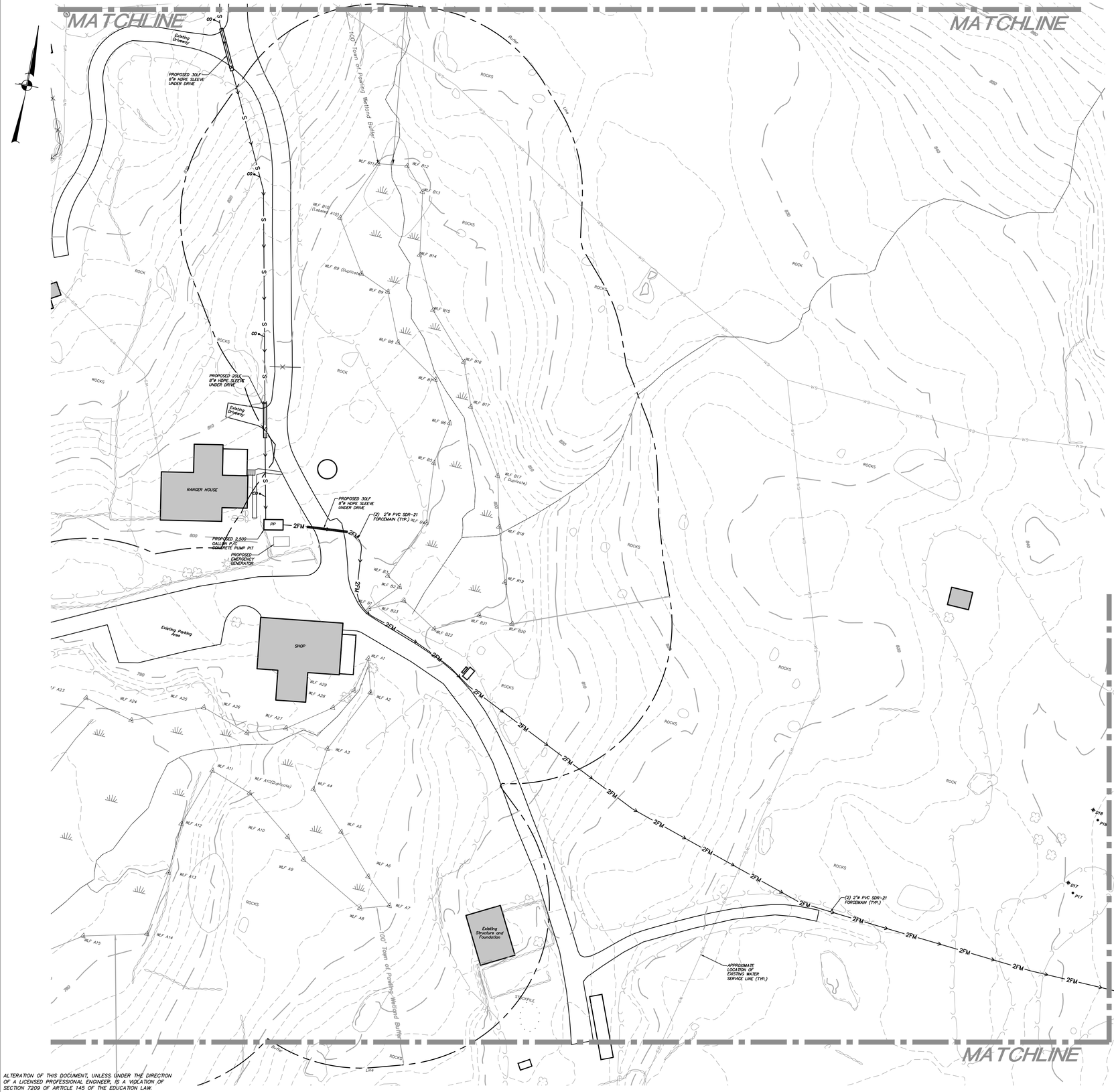

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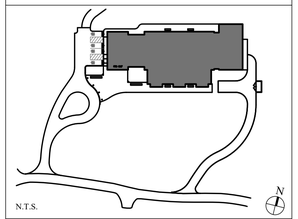

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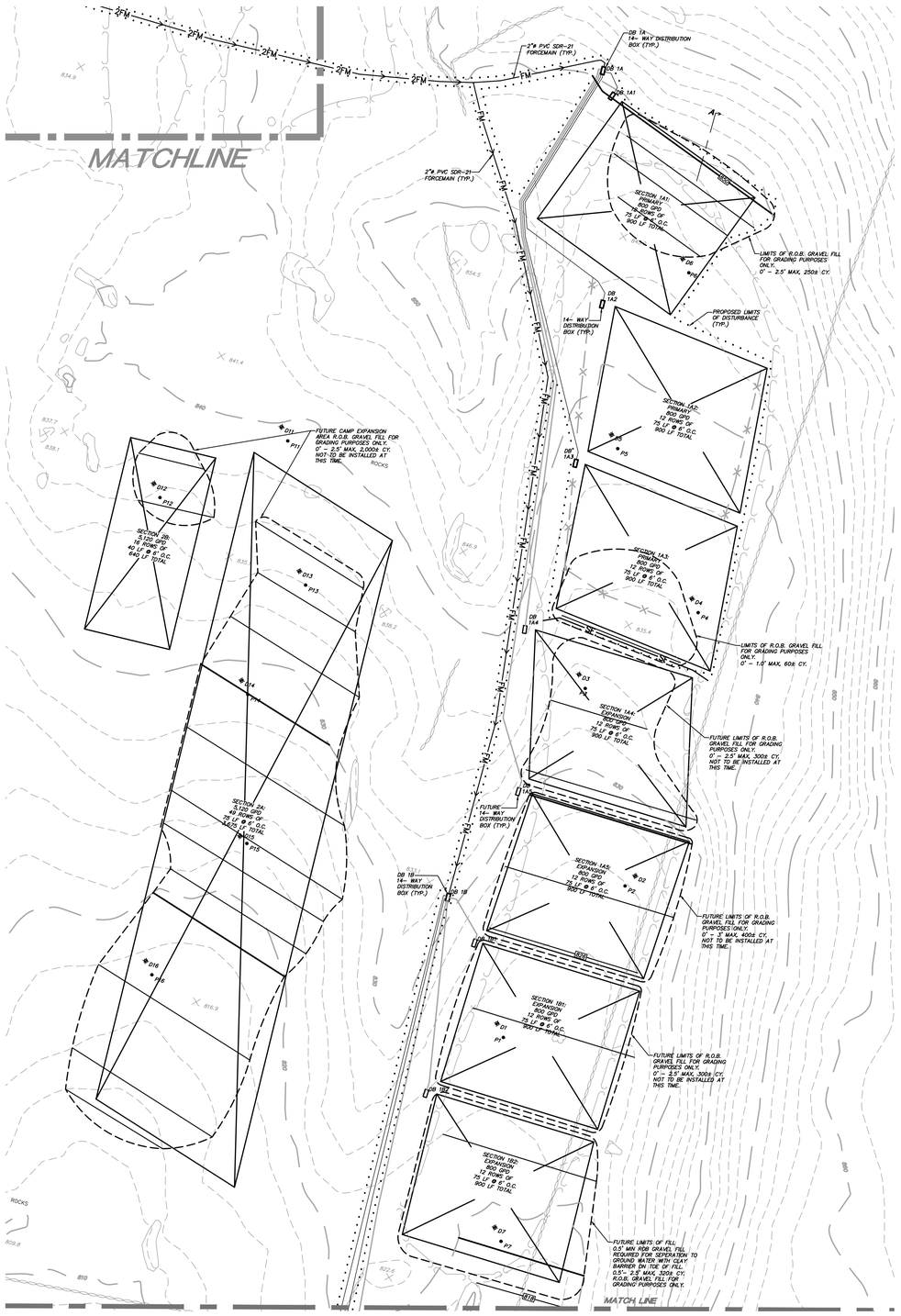

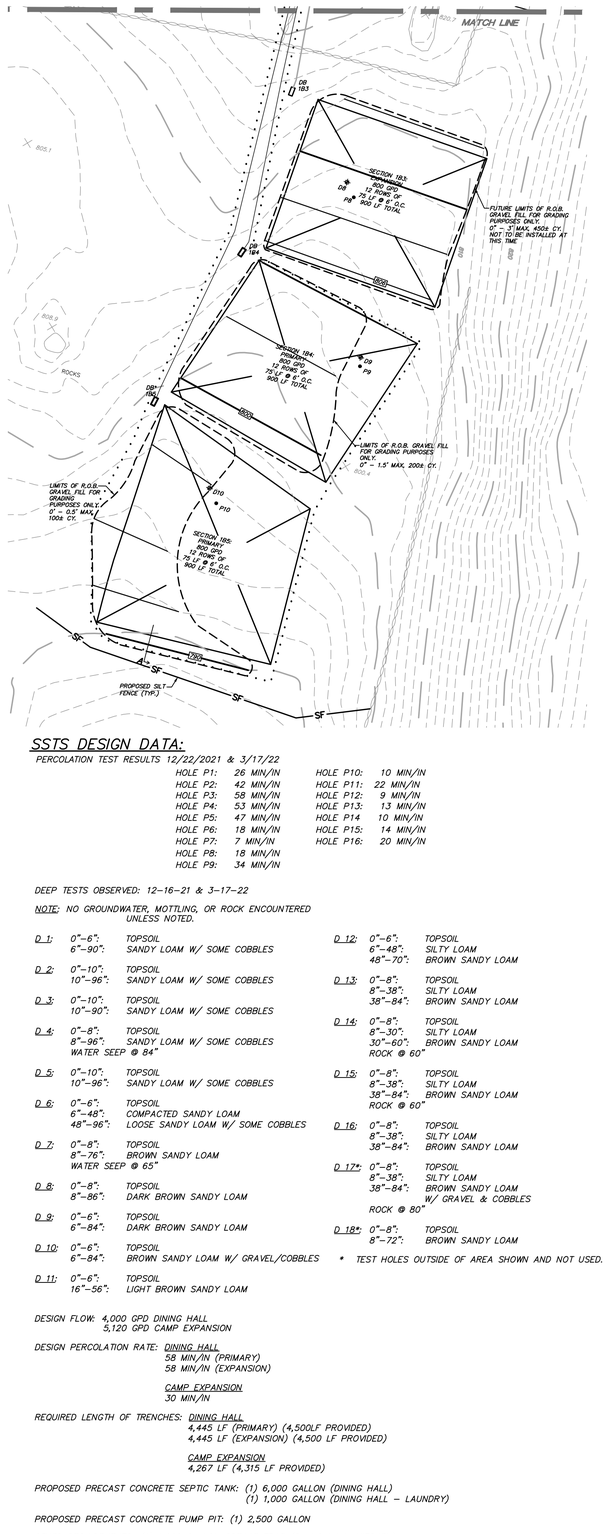

SSTS DESIGN DATA:

PERCOLATION TEST RESULTS 12/22/2021 & 3/17/22

HOLE P1:	26 MIN/IN	HOLE P10:	10 MIN/IN
HOLE P2:	42 MIN/IN	HOLE P11:	22 MIN/IN
HOLE P3:	58 MIN/IN	HOLE P12:	9 MIN/IN
HOLE P4:	53 MIN/IN	HOLE P13:	13 MIN/IN
HOLE P5:	47 MIN/IN	HOLE P14	10 MIN/IN
HOLE P6:	18 MIN/IN	HOLE P15:	14 MIN/IN
HOLE P7:	7 MIN/IN	HOLE P16:	20 MIN/IN
HOLE P8:	18 MIN/IN		
HOLE P9:	34 MIN/IN		

DEEP TESTS OBSERVED: 12–16–21 & 3–17–22

NOTE: NO GROUNDWATER, MOTTLING, OR ROCK ENCOUNTERED UNLESS NOTED.

D 1: 0"–6": TOPSOIL; 6"–90": SANDY LOAM W/ SOME COBBLES

D 2: 0"–10": TOPSOIL; 10"–96": SANDY LOAM W/ SOME COBBLES

D 3: 0"–10": TOPSOIL; 10"–90": SANDY LOAM W/ SOME COBBLES

D 4: 0"–8": TOPSOIL; 8"–96": SANDY LOAM W/ SOME COBBLES; WATER SEEP @ 84"

D 5: 0"–10": TOPSOIL; 10"–96": SANDY LOAM W/ SOME COBBLES

D 6: 0"–6": TOPSOIL; 6"–48": COMPACTED SANDY LOAM; 48"–96": LOOSE SANDY LOAM W/ SOME COBBLES

D 7: 0"–8": TOPSOIL; 8"–76": BROWN SANDY LOAM; WATER SEEP @ 65"

D 8: 0"–8": TOPSOIL; 8"–86": DARK BROWN SANDY LOAM

D 9: 0"–6": TOPSOIL; 6"–84": DARK BROWN SANDY LOAM

D 10: 0"–6": TOPSOIL; 6"–84": BROWN SANDY LOAM W/ GRAVEL/COBBLES

D 11: 0"–6": TOPSOIL; 16"–56": LIGHT BROWN SANDY LOAM

D 12: 0"–6": TOPSOIL; 6"–48": SILTY LOAM; 48"–70": BROWN SANDY LOAM

D 13: 0"–8": TOPSOIL; 8"–38": SILTY LOAM; 38"–84": BROWN SANDY LOAM

D 14: 0"–8": TOPSOIL; 8"–30": SILTY LOAM; 30"–60": BROWN SANDY LOAM; ROCK @ 60"

D 15: 0"–8": TOPSOIL; 8"–38": SILTY LOAM; 38"–84": BROWN SANDY LOAM; ROCK @ 60"

D 16: 0"–8": TOPSOIL; 8"–38": SILTY LOAM; 38"–84": BROWN SANDY LOAM

D 17*: 0"–8": TOPSOIL; 8"–38": SILTY LOAM; 38"–84": BROWN SANDY LOAM W/ GRAVEL & COBBLES; ROCK @ 80"

D 18*: 0"–8": TOPSOIL; 8"–72": BROWN SANDY LOAM

* TEST HOLES OUTSIDE OF AREA SHOWN AND NOT USED.

DESIGN FLOW: 4,000 GPD DINING HALL
5,120 GPD CAMP EXPANSION

DESIGN PERCOLATION RATE: DINING HALL
58 MIN/IN (PRIMARY)
58 MIN/IN (EXPANSION)
CAMP EXPANSION
30 MIN/IN

REQUIRED LENGTH OF TRENCHES: DINING HALL
4,445 LF (PRIMARY) (4,500LF PROVIDED)
4,445 LF (EXPANSION) (4,500 LF PROVIDED)
CAMP EXPANSION
4,267 LF (4,315 LF PROVIDED)

PROPOSED PRECAST CONCRETE SEPTIC TANK: (1) 6,000 GALLON (DINING HALL)
(1) 1,000 GALLON (DINING HALL – LAUNDRY)

PROPOSED PRECAST CONCRETE PUMP PIT: (1) 2,500 GALLON

OTHER REQUIREMENTS: (1) 1,000 GALLON GREASE TRAP (DINING HALL–KITCHEN)

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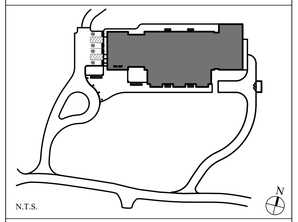
- SS — PROPOSED SEWER SERVICE LINE
- CO — PROPOSED CLEAN OUT
- SF — PROPOSED SILT FENCE
- CF — PROPOSED CONSTRUCTION FENCE
- PROPOSED LIMITS OF DISTURBANCE

0 15 30 60

KEY PLAN



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CHK BY:	JMW
DWG No:	C-303
CADD FILE No:	

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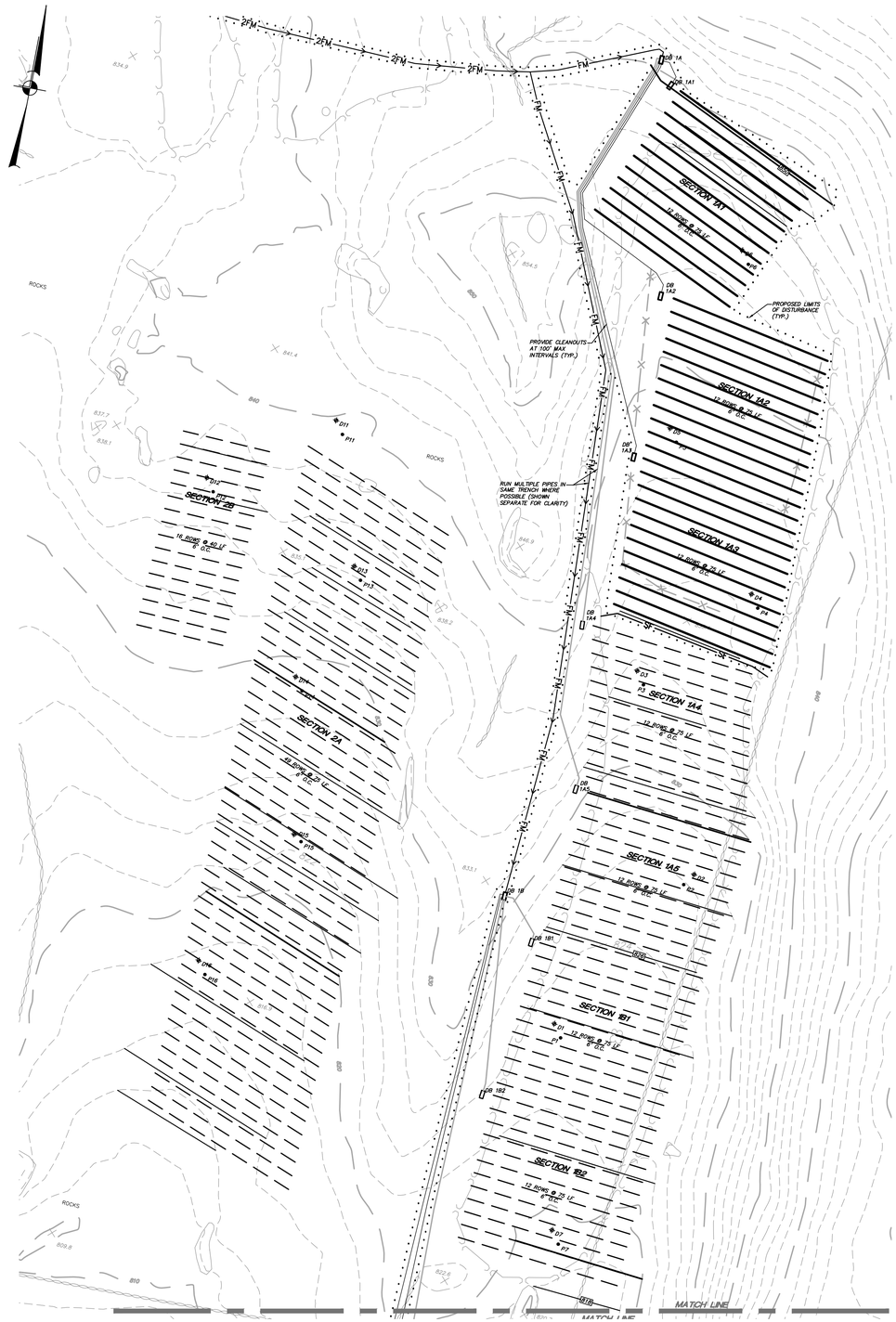
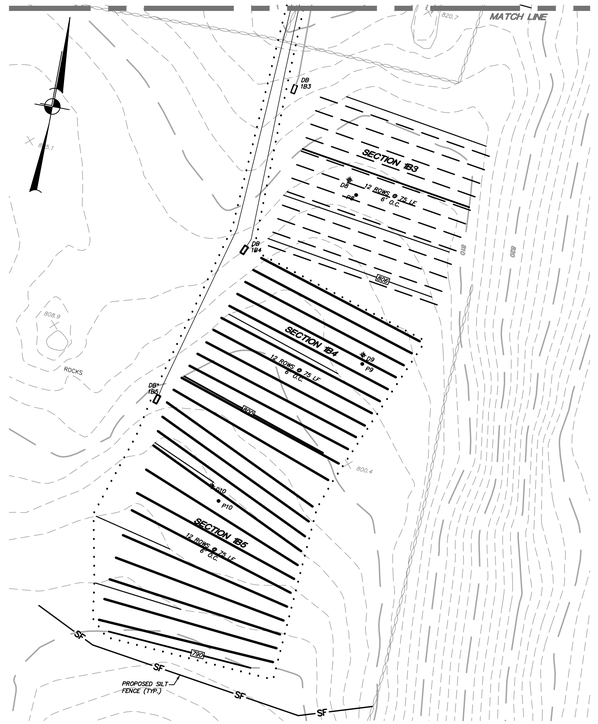




LEGEND

- EXISTING PROPERTY LINE
- EXISTING BUILDING TO REMAIN
- EXISTING STONE WALL
- EXISTING DIRT TRAIL
- EXISTING WIRE FENCE
- EXISTING EDGE OF WATER
- EXISTING WETLAND
- EXISTING WETLAND FLAG
- EXISTING WELL
- EXISTING WETLAND BUFFER
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING SPOT GRADE
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- EXISTING TREELINE
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- PRIMARY ABSORPTION TRENCH
- EXPANSION ABSORPTION TRENCH
- DISTRIBUTION BOX (DB)
- ST — SEPTIC TANK
- GT — GREASE TRAP
- PP — PUMP PIT
- D1 — DEEP TEST HOLE
- P1 — PERCOLATION TEST HOLE
- RD — ROOF DRAIN
- WS — WATER SERVICE CONNECTION
- PROPOSED SEWER MANHOLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED OUTLET STRUCTURE
- PROPOSED END SECTION
- PROPOSED DRAINAGE PIPE
- S — PROPOSED SEWER MAIN
- FM — PROPOSED SEWER FORCE MAIN
- SS — PROPOSED SEWER SERVICE LINE
- CO — PROPOSED CLEAN OUT
- SF — PROPOSED SILT FENCE
- CF — PROPOSED CONSTRUCTION FENCE
- PROPOSED LIMITS OF DISTURBANCE

PROPOSED DISTRIBUTION BOX TABLE

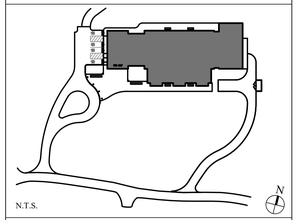
DISTRIBUTION BOX	INV. IN
DB 1A	850.0
DB 1A1	849.0
DB 1A2	841.0
DB 1A3	837.5
DB 1A4	836.5
DB 1A5	830.0
DB 1B	828.8
DB 1B1	825.5
DB 1B2	823.0
DB 1B3	814.0
DB 1B4	805.0
DB 1B5	798.0

SEWER NOTES:

1. ALL BENDS IN GRAVITY SEPTIC TANK EFFLUENT LINES PRIOR TO DISTRIBUTION BOXES SHALL BE PROVIDED WITH CLEANOUTS
2. BENDS IN GRAVITY SEPTIC TANK EFFLUENT LINES PRIOR TO DISTRIBUTION BOXES SHALL NOT EXCEED 45 DEGREES

0 15 30 60

KEY PLAN



No.	Date	Revision
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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

SSTS ABSORPTION TRENCH & DISTRIBUTION PLAN

Seal & Signature

STATE OF NEW YORK · JOHN M. WATCH · LICENSED PROFESSIONAL ENGINEER · No. 77950

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-400
CADD FILE No:	

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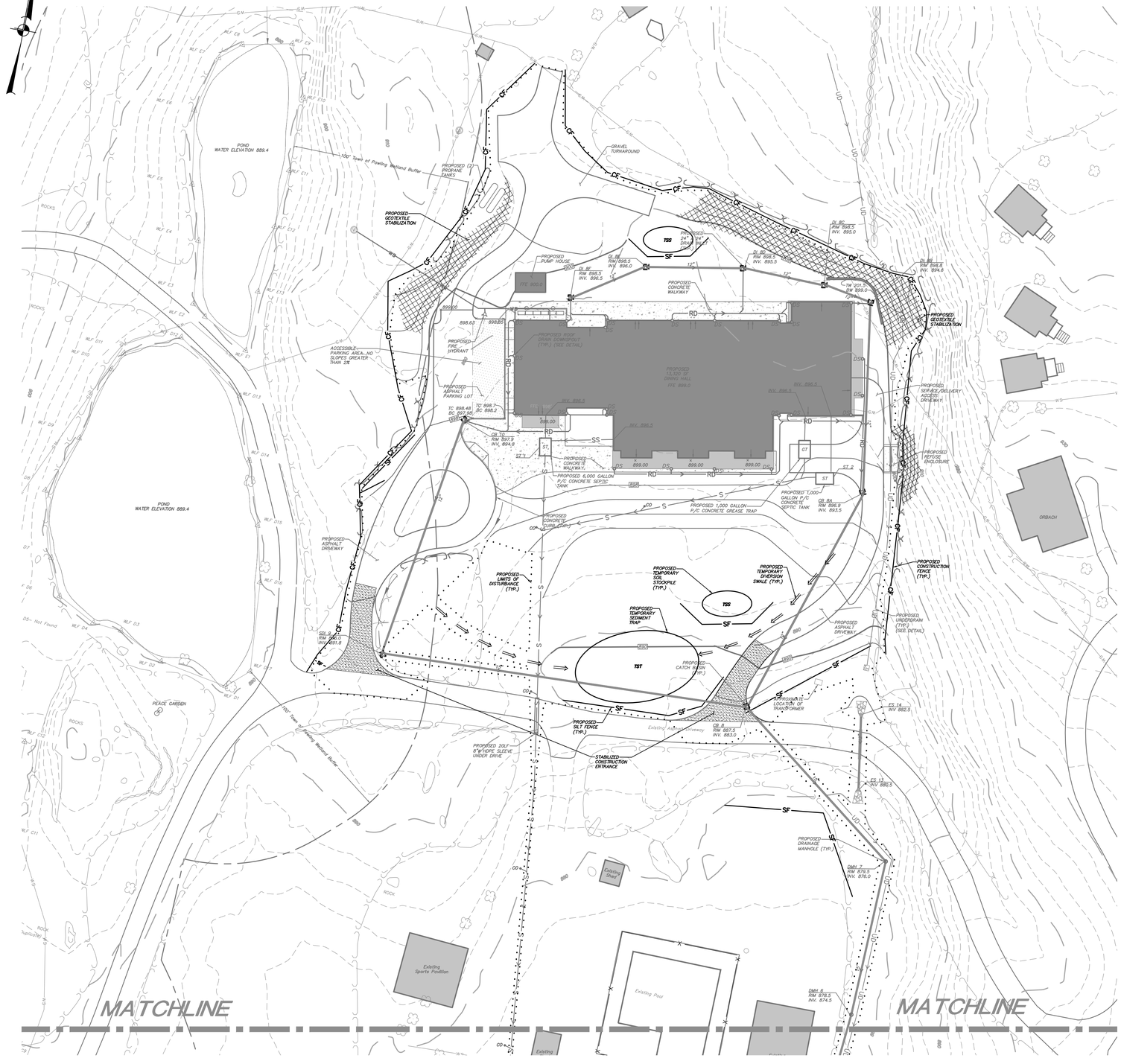

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- PROPOSED TEMPORARY SOIL STOCKPILE
- PROPOSED TEMPORARY DIVERSION SWALE
- PROPOSED GEOTEXTILE STABILIZATION

TOWN OF PAWLING STORMWATER, SOIL EROSION AND SEDIMENT CONTROL NOTES:

A. Road and drainage improvements.

(1) All topsoil to be stripped from the area being developed shall be stockpiled not less than 200 feet from any body of surface water and shall be immediately seeded with rye grass mixture with a quick germination time.

(2) On all embankment fill slopes, topsoil shall be stripped at least five feet wider than required for the embankment toe of slope. All fill slopes shall be immediately stabilized using appropriate techniques which meet the design criteria described in the New York Standards and Specifications for Erosion and Sediment Control.

(3) Erosion and sediment control measures, including but not limited to silt fencing, sediment traps and check dams, shall also be employed where necessary for supplementary erosion control measures.

(4) All cut slopes and embankment fills are to be immediately laid back and stabilized using appropriate techniques which meet the design criteria described in the New York Standards and Specifications for Erosion and Sediment Control, which may include the following:

(a) Grade to finished slopes.
(b) Scarified.
(c) Topsoiled with not less than four inches of suitable topsoil material.
(d) Seeded with perennial rye grass. Seed shall be applied at the rate of not less than five pounds per 1,000 square feet.
(e) Mulched with not less than one inch and not more than three inches of straw (two tons per acre) and anchored in a suitable manner.

(5) Temporary on-site sedimentation basins for the immediate control of erosion and sediment transport are to be provided when and where required or ordered. The length, width and depth of such basins are to be determined in the field in accordance with the New York Standards and Specifications for Erosion and Sediment Control or Town Engineer.

(6) All erosion control structures are to be maintained in proper functioning order and are to be replaced or repaired as necessary.

B. General.

(1) Construction equipment shall not unnecessarily cross live streams except by means of bridges and culverts or other approved methods.

(2) Wherever feasible, natural vegetation should be retained and protected.

(3) Only the smallest practical area of land should be exposed at any one time during development.

(4) Erosion control requirements shall include surface stabilization measures applied as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased. From November 1 through March 31, any disturbed area must be stabilized using a heavy mulch layer, a rolled erosion control product or another method that does not require seed germination to control erosion.

(5) The permanent final vegetation and structures shall be installed as soon as practical and as may be directed by the Stormwater Management Officer or Town Engineer.

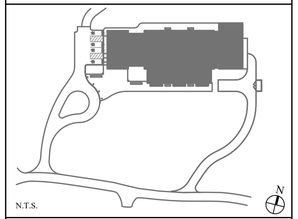
(6) All erosion control measures employed during construction shall comply with the standards found in New York Standards and Specifications for Erosion and Sediment Control, latest edition.

(7) Phasing shall be required on all sites disturbing greater than one acre with the size of each phase to be established by the Planning Board or the Stormwater Management Officer.

TREE PROTECTION NOTES:

1. *Trees to be preserved in proximity to disturbance areas shall be marked in the field by the Landscape Architect prior to start of construction.*
2. *Install tree protection measures prior to start of site clearing & construction.*
3. *No construction equipment shall be parked and no earth or construction materials shall be stockpiled or stored under the canopy of trees to be preserved.*
4. *During tree removal operations associated with construction, do not damage adjacent trees to remain. Lower limbs and tree trunks, do not drop them.*
5. *Carefully tie back any tree branches that conflict with construction equipment.*
6. *Where trenching for utilities is required within a root zone, tunneling under and around roots shall be by hand digging. If roots 3" or larger are encountered immediately adjacent to the location of new construction and relocation is not practical, the roots shall be hand pruned under the supervision of a Certified Arborist or Landscape Architect to 6" back from the new construction limit. All exposed roots to receive appropriate treatment prior to backfilling.*
7. *If tree protection fencing to protect the root zone is not possible, six to eight inches of wood chip mulch and 3/4 inch plywood shall be placed over the entire affected root zone area to prevent soil compaction.*
8. *Any tree damaged during construction activities must be immediately repaired by a qualified arborist at no additional cost to the owner.*

KEY PLAN



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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

EROSION & SEDIMENT CONTROL PLAN

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-500
CADD FILE No:	

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MATCHLINE

MATCHLINE

PROPOSED LIMITS OF DISTURBANCE (TYP.)

APPROXIMATE LOCATION OF EXISTING WATER SERVICE LINE (TYP.)

DMH. 5
RIM. 876.4
INV. 873.0

PROPOSED DRAINAGE MANHOLE (TYP.)

DMH. 4
RIM 869.5
INV. 866.0

WESTOVER

SMH. 6

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

PROPOSED FLOW SPLITTER FS 1
RIM. 863.0
INV. IN 859.9 (DMH 4)
INV. OUT 859.0 (SMP 1.1P)
INV. OUT 858.9 (ES 3A)

PROPOSED HYDRODYNAMIC SEPARATOR HDS 1.1
RIM 862.6
INV. 858.0

DS 2
INV.855.5

SF
DS 3A
INV. 855.5

UD

CS 1.1

858.5

PROPOSED INFILTRATION BASIN (SMP 1.1IP)

ES 1
851.9

PROPOSED END SECTION AND RIP RAP PAD (TYP.)

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

Existing Driveway

HILLCREST

APPROXIMATE LOCATION OF EXISTING WATER SERVICE LINE (TYP.)

Wetland

MATCHLINE

MATCHLINE

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CONSTRUCTION SEQUENCE (3.3 AC ± Disturbance):

1. A pre-construction meeting shall be scheduled with the Town Engineer, the NYCDEP Representative, Building Inspector, Site Contractor, and/or other outside agencies.
2. Per New York State Law, the contractor shall call DigSafely New York at 1-800-962-7962 two (2) full days prior to performing any excavation work.
3. Install stabilized construction entrance/anti-tracking pad as shown on the plan.
4. Install silt fence in general locations indicated on the plan.
5. Begin demolition of the existing building, and clearing and grubbing operations associated with buildings, driveway and SSTS.
6. Strip and stockpile topsoil on site for later use in lawn and landscape areas.
7. Begin excavation for foundations, septic system, and construction of stormwater areas, parking and driveways.
8. Begin building construction and installation of SSTS.
9. Install Infiltration Basin, Drains inlets and connect Roof Leader Drains to drainage system. Pipe from flow splitter to infiltration basin shall be plugged until stabilization has been achieved.
10. All embankments are to be graded and seeded immediately upon being laid back.
11. Upon completion of grading operations, install finished driveway surfaces.
12. Topsoil, seed, and mulch all disturbed areas as soon as practical in accordance with the Erosion and Sediment Control Notes contained on this page.
13. Upon final stabilization, remove all temporary erosion and sediment controls as well as the plug from the flow splitter to the infiltration basin.

0 15 30 60

KEY PLAN

N.T.S.

N

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Project Title

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GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

EROSION & SEDIMENT CONTROL PLAN

Seal & Signature

STATE OF NEW YORK JOHN M. WATSON LICENSED PROFESSIONAL ENGINEER No. 77950

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-501
CADD FILE No:	9
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MATCHLINE

MATCHLINE

Existing Driveway

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

100' Town of Pawling Wetland Buffer

PROPOSED 20LF 8"ø HDPE SLEEVE UNDER DRIVE

Existing Driveway

RANGER HOUSE

PROPOSED 30LF 8"ø HDPE SLEEVE UNDER DRIVE

(2) 2"ø PVC SDR-21 FORCEMAIN (TYP.)

PROPOSED 2,500 GALLON 3'-7" CONCRETE PUMP PIT

PROPOSED EMERGENCY GENERATOR

Existing Parking Area

SHOP

Existing Structure and Foundation

APPROXIMATE LOCATION OF EXISTING WATER SERVICE LINE (TYP.)

(2) 2"ø PVC SDR-21 FORCEMAIN (TYP.)

2"ø PVC SDR-21 FORCEMAIN (TYP.)

MATCHLINE

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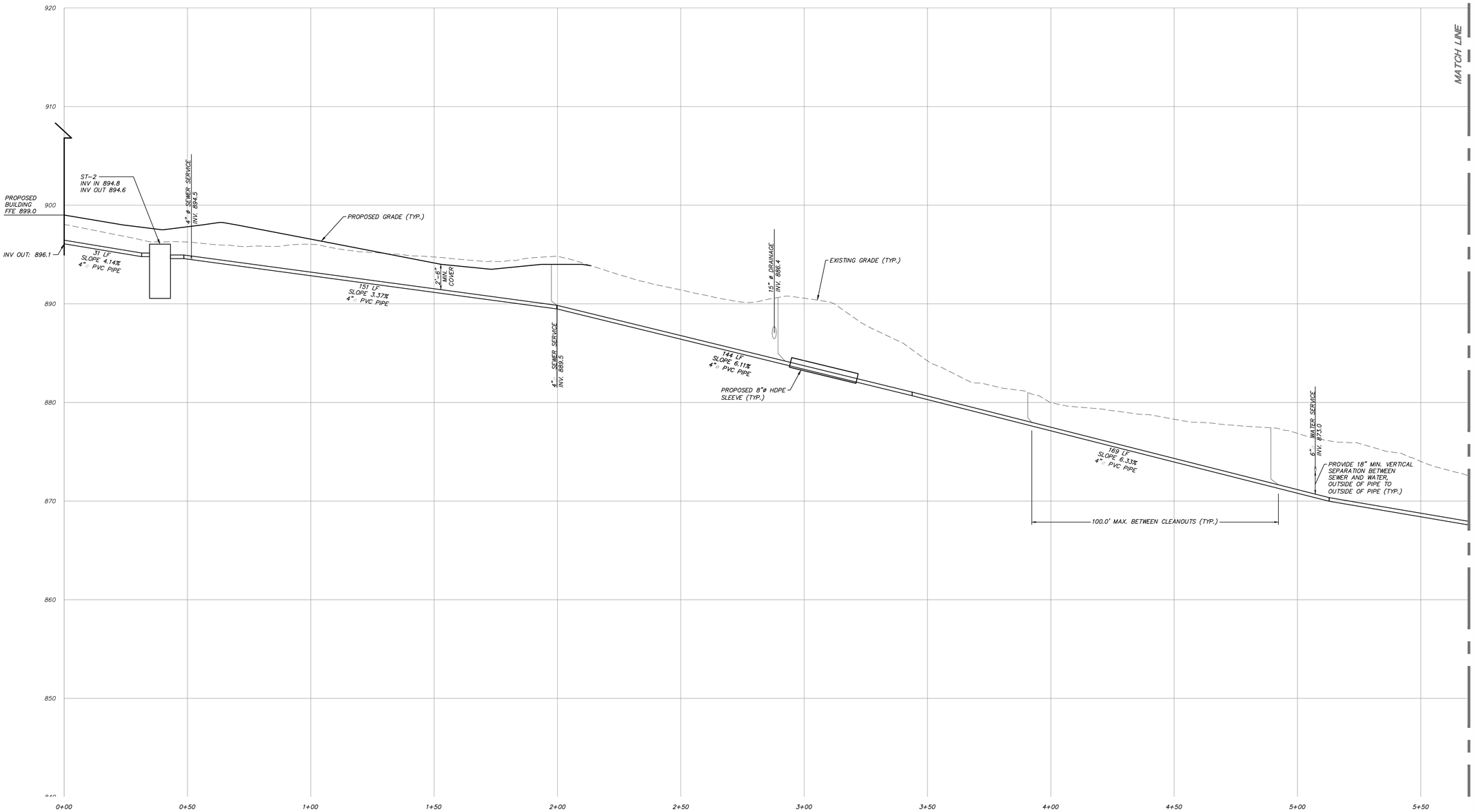

SEWER EFFLUENT PROFILE

SCALE: HORIZ. 1" = 20'
VER. 1" = 5'

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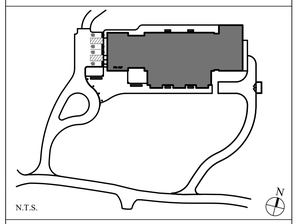

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W:\2005 Girl Scouts of Greater NY	20

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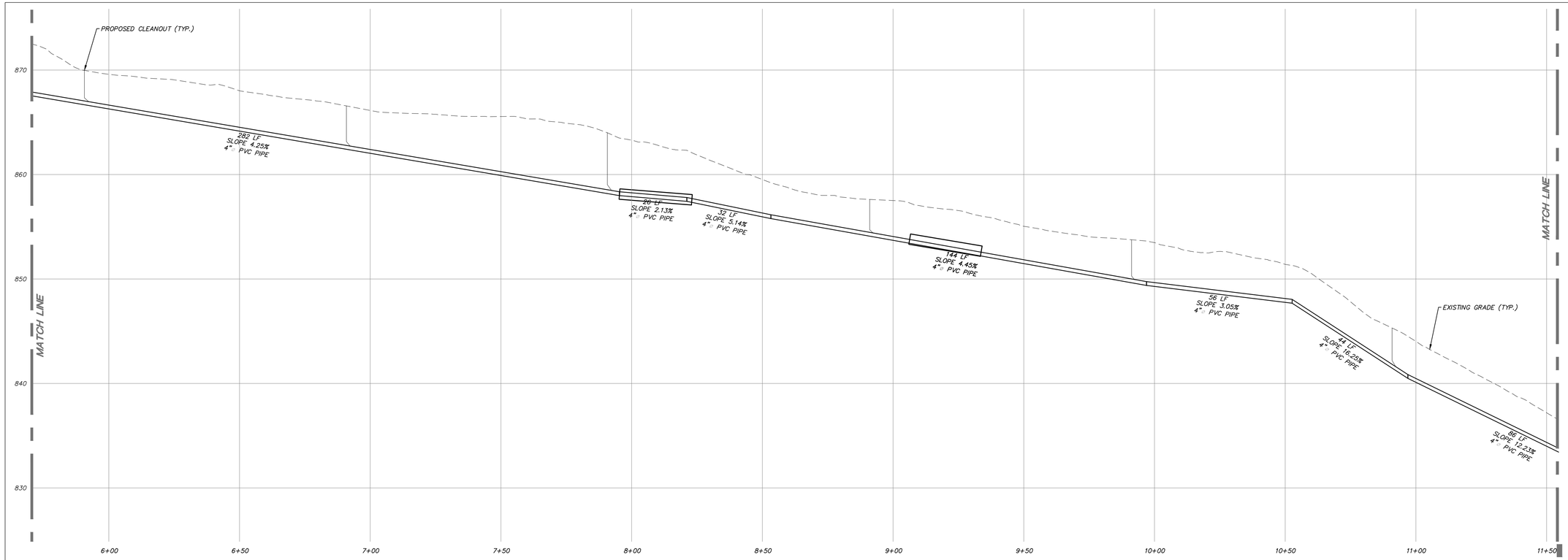

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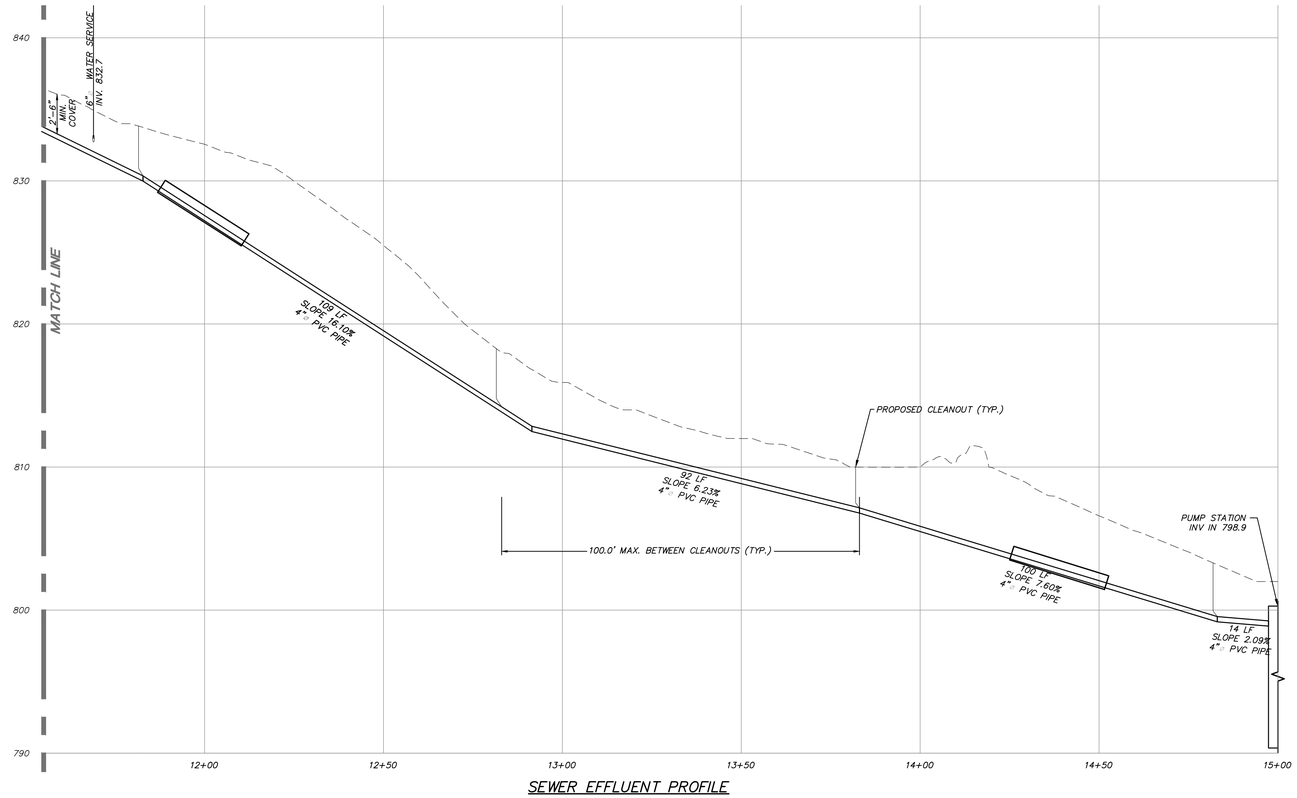

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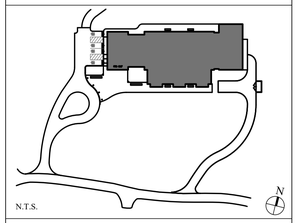

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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

SEWER PROFILES

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-601
CADD FILE No:	

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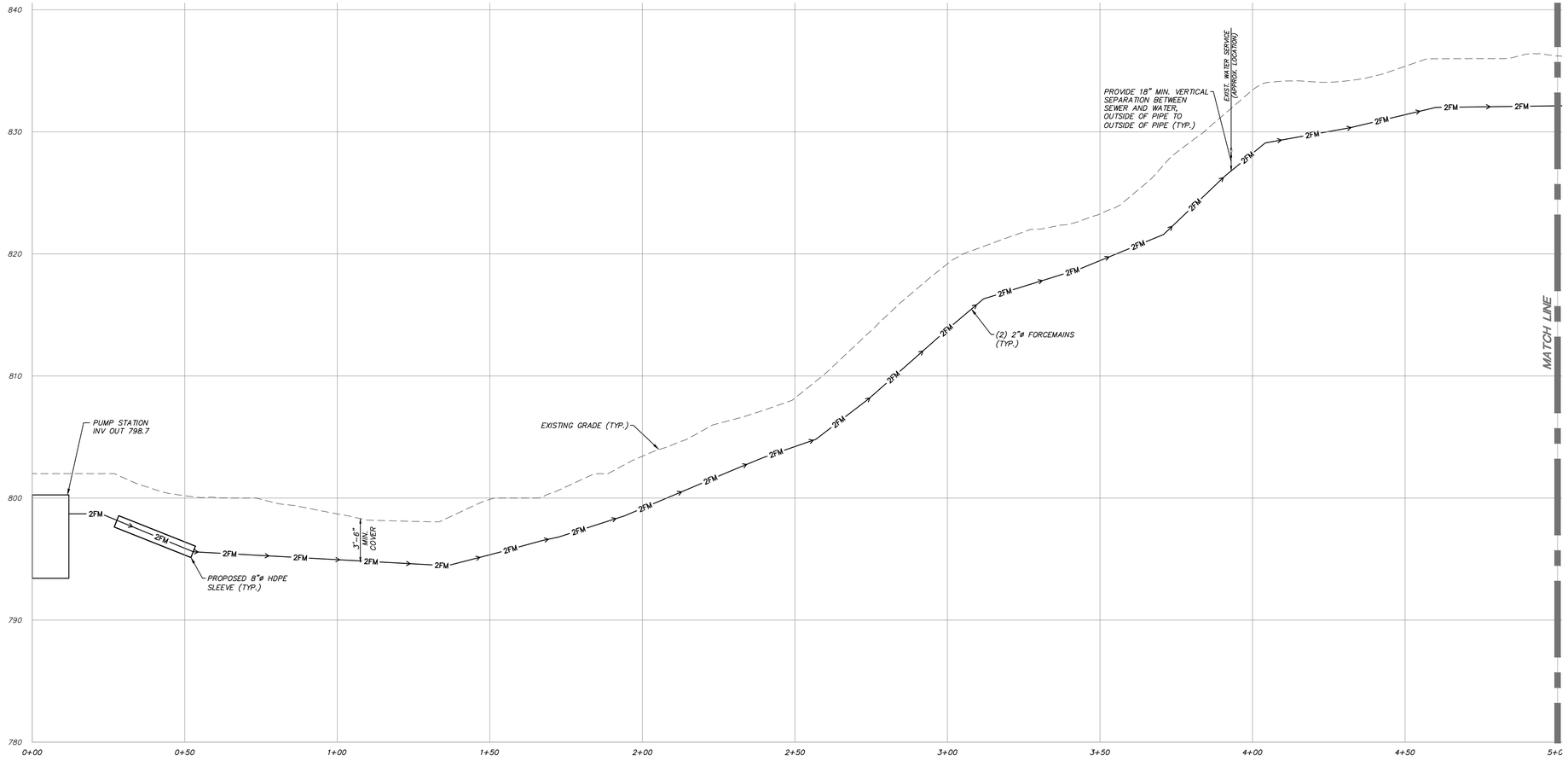
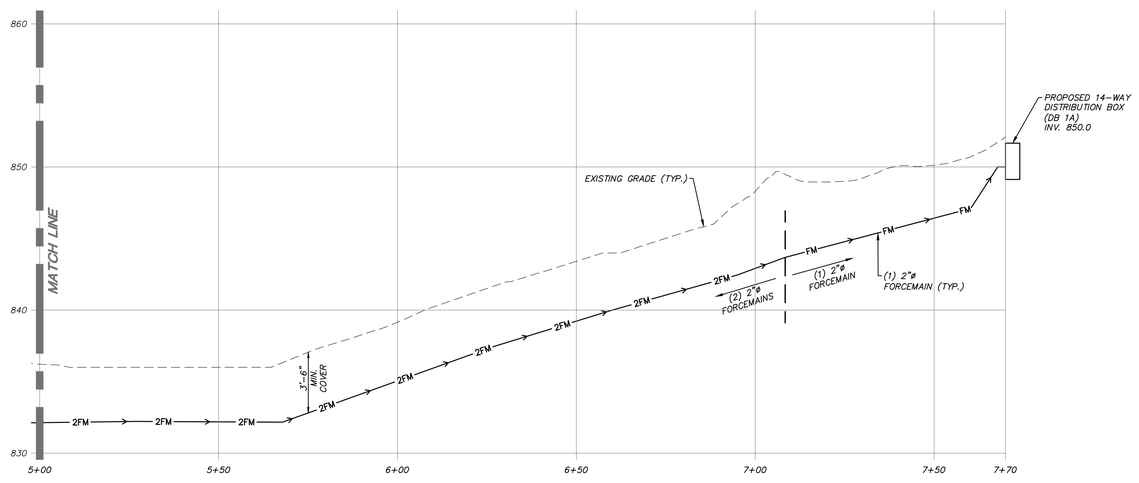


FORCEMAIN PROFILE

SCALE: HORIZ. 1" = 20'
VER. 1" = 5'



FORCEMAIN PROFILE

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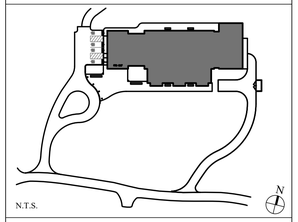
KEY PLAN



No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

SEWER FORCEMAIN PROFILES

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · NO. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-602
CADD FILE No:	

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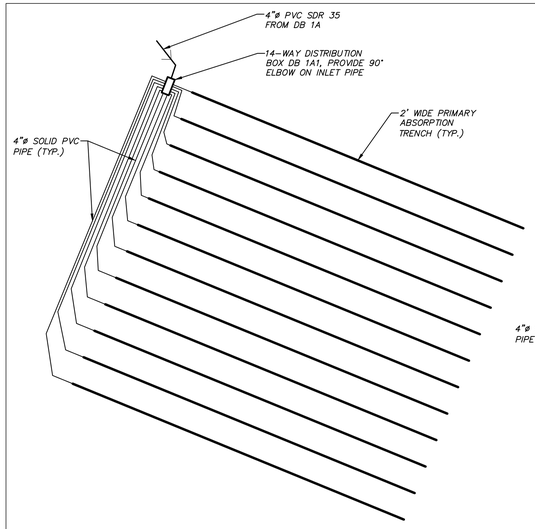

SSTS DISTRIBUTION SCHEMATIC FOR SECTION 1A1

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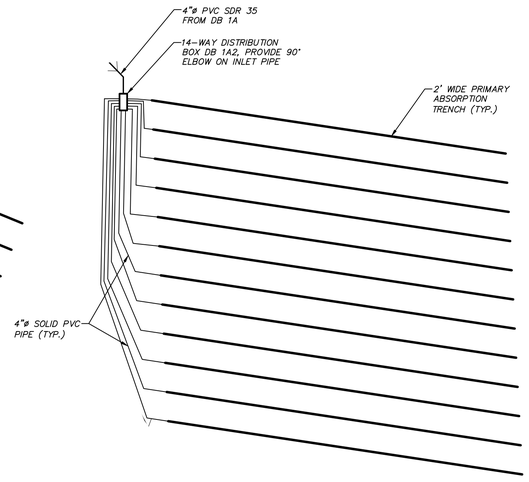

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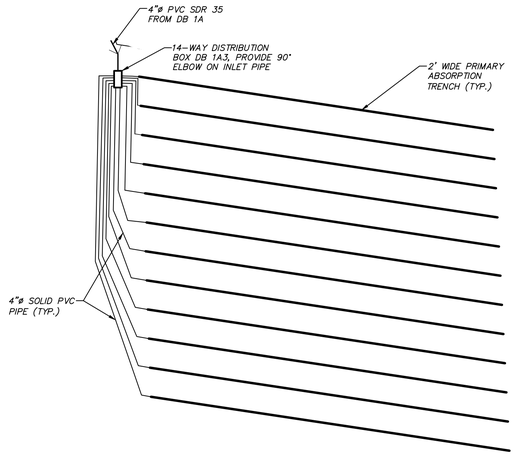

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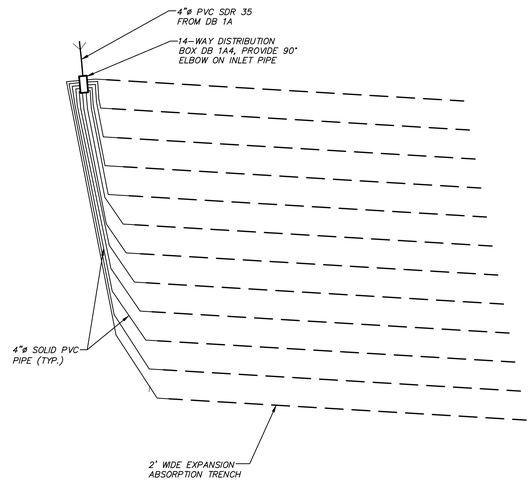

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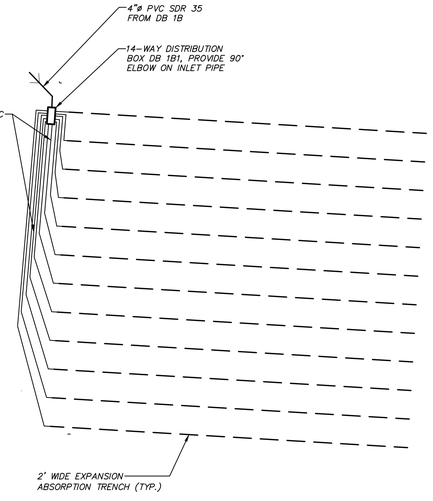
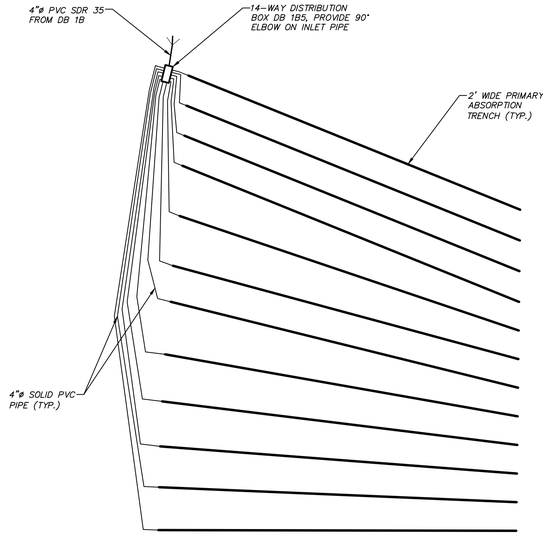
(N.T.S.)



SSTS DISTRIBUTION SCHEMATIC FOR SECTION 1B1, 1B2 & 1B3

(N.T.S.)



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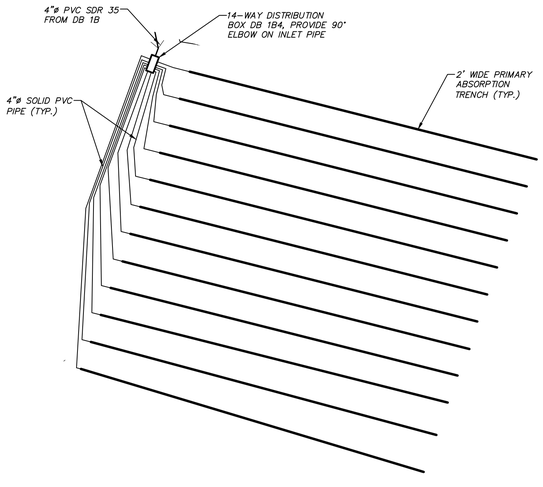

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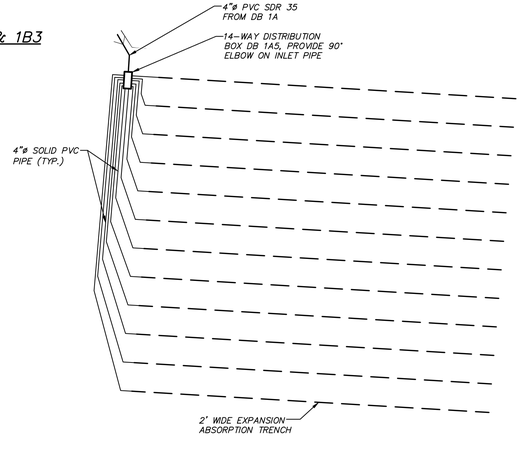

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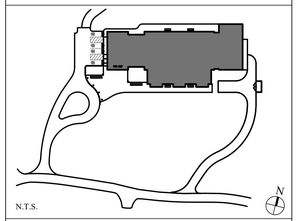
KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

SSTS TRENCH
DISTRIBUTION SCHEMATICS

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-700
CADD FILE No:	

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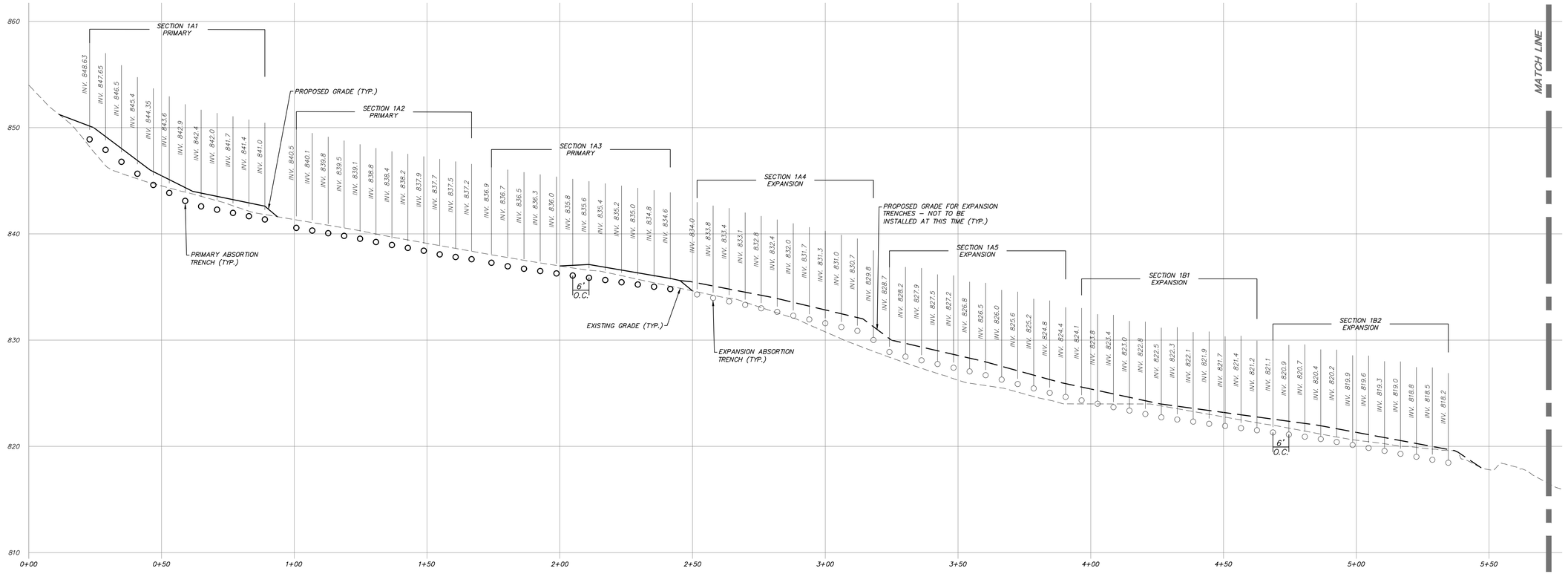

SSTS TRENCHES PROFILE (A–A)

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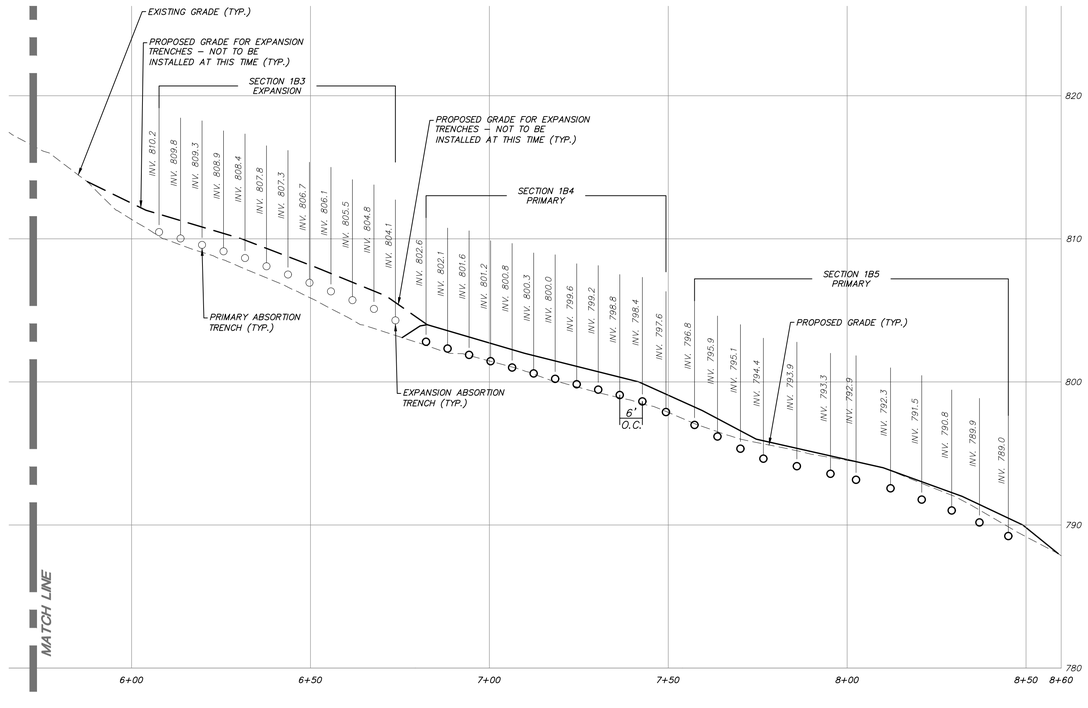

SSTS TRENCHES PROFILE (A–A)

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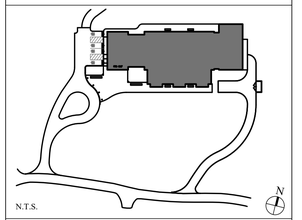
KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

SSTS ABSORPTION TRENCH PROFILES

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	20214.100
DRAWN BY:	JWM
CHK BY:	JMW
DWG No:	C-800
CADD FILE No:	15

W:\2005 Girl Scouts of Greater NY

EROSION & SEDIMENT CONTROL NOTES:

1. The contractor will be responsible for the implementation and maintenance of erosion and sediment control measures on this site prior to and during construction.
2. All construction activities involving the removal or disposition of soil are to be provided with appropriate protective measures to minimize erosion and contain sediment disposition within. Minimum soil erosion and sediment control measures shall be implemented as shown on the plans and shall be installed in accordance with "New York Standards and Specifications For Erosion and Sediment Control," latest edition.
3. Wherever feasible, natural vegetation should be retained and protected. Disturbance shall be minimized in the areas required to perform construction. No more than 5 acres of unprotected soil shall be exposed at any one time.
4. When land is exposed during excavation, the exposure shall be kept to the shortest practical period of time. In the areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within seven (7) days from the date the current soil disturbance activity ceased. Disturbance shall be minimized to the areas required to perform construction.
5. Silt fence shall be installed as shown on the plans prior to beginning any clearing, grubbing or earthwork.
6. All topsoil to be stripped from the area being developed shall be stockpiled and immediately seeded for temporary stabilization. Ryegrass (annual or perennial) at a rate of 30 lbs. per acre shall be used for temporary seeding in spring, summer or early fall. 'Aristook' Winter Rye (cereal rye) shall be used for temporary seeding in late fall and winter.
7. Any disturbed areas not subject to further disturbance or construction traffic, permanent or temporary, shall have soil stabilization measures initiated for permanent vegetation cover in combination with a suitable mulch within 1 business day of final grading. All seeded areas to receive a minimum 4" screened topsoil from stockpile area. Seed mixes as noted in General Site Seeding Notes on drawing SP–1 are to be planted between March 21 and May 20, or between August 15 and October 15 or as directed by project representative.
8. Cut or fill slopes 3:1 and steeper shall be stabilized immediately after grading with Curlex I Single Net Erosion Control Blanket, or approved equal.
9. Paved roadways shall be kept clean at all times.
10. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
11. All storm drainage outlets shall be stabilized, as required, before the discharge points become operational.
12. Stormwater from disturbed areas must be passed through erosion control barriers before discharge beyond disturbed areas or discharged into other drainage systems.
13. Erosion and sediment control measures shall be inspected and maintained on a daily basis by the O.F.R. to insure that channels, temporary and permanent ditches and pipes are clear of debris, that embankments and berms have not been breached and that all straw bales and silt fences are intact. Any failure of erosion and sediment control measures shall be immediately repaired by the contractor and inspected for approval by the O.F.R. and/or site engineer.
14. Dust shall be controlled by sprinkling or other approved methods as necessary, or as directed by the O.F.R.
15. Cut and fills shall not endanger adjoining property, nor divert water onto the property of others.
16. All fills shall be placed and compacted in 6" lifts to provide stability of material and to prevent settlement.
17. The contractor shall inspect downstream conditions for evidence of sedimentation on a weekly basis and after rainstorms.
18. As warranted by field conditions, special additional erosion and sediment control measures, as specified by the site engineer and/or the Town Engineer shall be installed by the contractor.
19. Erosion and sediment control measures shall remain in place until all disturbed areas are suitably stabilized.

REQUIRED POST–CONSTRUCTION STORMWATER MANAGEMENT PRACTICE COMPONENTS:

1. Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP–0–20–001), all construction projects needing post–construction stormwater management practices shall prepare a SWPPP that also includes practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Design Manual ("Design Manual"). Where post–construction stormwater management practices are not designed in conformance with this technical standard, the owner or operator must demonstrate equivalence to the technical standard. The following list of SWPPP components is provided in accordance with Part III.B.2a–J and III.B.3:
   a. Identification of all post–construction stormwater management practices to be constructed as part of the project; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
   b. A site map/construction drawing(s) showing the specific location and size of each post–construction stormwater management practice; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
   c. A Stormwater Modeling and Analysis Report including pre–development conditions, post–development conditions, the results of the stormwater modeling, a summary table demonstrating that each practice has been designed in conformance with the sizing criteria, identification of and justification for any deviations from the Design Manual, and identification of any design criteria that are not required. The required analysis is provided in the project Stormwater Pollution Prevention Plan.
   d. Soil testing results and locations. This SWPPP requirement is shown in the report.
   e. Infiltration testing results. This SWPPP requirement is shown in the report.
   f. An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post–construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice. The project Stormwater Pollution Prevention Plan serves to satisfy this requirement.

REQUIRED SWPPP CONTENTS PER GP–0–20–001:

1. Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP–0–20–001), all Stormwater Pollution Prevention Plan's (SWPPP) shall include erosion and sediment control practices designed in conformance with the most current version of the technical standard, "New York Standards and Specifications for Erosion and Sediment Control." Where erosion and sediment control practices are not designed in conformance with this technical standard, the owner or operator must demonstrate equivalence to the technical standard. The following list of required SWPPP components is provided in accordance with Part III.B.1a–l of General Permit GP–0–20–001:

Background Information: The subject project consists of the construction of a new dining hall, septic, stormwater management facilities, parking and other building appurtenances.

   a. Site map / construction drawing: These plans serve to satisfy this SWPPP requirement.
   b. Description of the soils present at the site: Onsite soils located within the proposed limits of disturbance consist of Chatfield Hollis Complex (CtD and CtC), and Hollis–Chatfield Rock (HoE) as identified on the Soil Conservation Service Web Soil Survey. These soil types belong to the Hydrologic Soil Groups B & D.
   c. Construction phasing plan / sequence of operations: The Construction Sequence and phasing found on these plans provide the required phasing. A Construction Sequence and Erosion and Sediment Control Maintenance Schedule has been provided. The Sedimentation and Erosion Control Notes contained hereon outline a general sequence of operations for the proposed project. In general all erosion and sediment control facilities shall be installed prior to commencement with land disturbing activities, and areas of disturbance shall be limited to the shortest period of time as practicable.
   d. Description of erosion and sediment control practices: This plan, and details / notes shown hereon serve to satisfy this SWPPP requirement.
   e. Temporary and permanent soil stabilization plan: The Sedimentation and Erosion Control Notes and Details provided heron identify temporary and permanent stabilization measures to be employed with respect to specific elements of the project, and at the various stages of development.
   f. Site map / construction drawing: This plan serves to satisfy this SWPPP requirement.
   g. The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices: The details, Erosion and Sediment Control Notes, and Erosion and Sediment Control Maintenance Schedule serve to satisfy this SWPPP requirement.
   h. An inspection schedule: Inspections are to be performed twice weekly and by a qualified professional as required by the General Permit GP–0–20–001. In addition the NYSDEC Trained Contractor shall perform additional inspections as cited in the Sedimentation and Erosion Control Notes.
   i. A description of pollution prevention measures that will be used to control litter, construction chemicals and construction debris: In general, all construction litter / debris shall be collected and removed from the site. The general contractor shall supply either waste barrels or dumpster for proper waste disposal. Any construction chemicals utilized during construction shall either be removed from site daily by the contractor or stored in a structurally sound and weatherproof building. No hazardous waste shall be disposed of onsite, and shall ultimately be disposed of in accordance with all federal, state and local regulations. Material Safety Data Sheets (MSDS), material inventory, and emergency contact numbers shall be maintained by the general contractor for all construction chemicals utilized onsite. Finally, temporary sanitary facilities (portable toilets) shall be provided onsite during the entire length of construction, and inspected weekly for evidence of leaking holding tanks.
   j. A description and location of any stormwater discharges associated with industrial activity other than construction at the site: There are no known industrial stormwater discharges present or proposed at the site.
   k. Identification of any elements of the design that are not in conformance with the technical standard, "New York Standards and Specifications for Erosion and Sediment Control." All proposed elements of this SWPPP have been designed in accordance with the "New York Standards and Specifications for Erosion and Sediment Control."
2. Pursuant to the NYSDEC "SPDES General Permit for Stormwater Discharges from Construction Activity" (GP–0–20–001), all construction projects needing post–construction stormwater management practices shall prepare a SWPPP that also includes practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Design Manual ("Design Manual"). Where post–construction stormwater management practices are not designed in conformance with this technical standard, the owner or operator must demonstrate equivalence to the technical standard. The following list of SWPPP components is provided in accordance with Part III.B.2a–f and III.B.3:
   a. Identification of all post–construction stormwater management practices to be constructed as part of the project; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
   b. A site map/construction drawing(s) showing the specific location and size of each post–construction stormwater management practice; This plan, and details/notes shown hereon serve to satisfy this SWPPP requirement.
   c. A Stormwater Modeling and Analysis Report including pre–development conditions, post–development conditions, the results of the stormwater modeling, a summary table demonstrating that each practice has been designed in conformance with the sizing criteria, identification of and justification for any deviations from the Design Manual, and identification of any design criteria that are not required. The required analysis is provided in the report titled Amended Stormwater Pollution Prevention Plan for Kent Materials.
   d. Soil testing results and locations. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for Girl Scouts of Greater New York.
   e. Infiltration testing results. This SWPPP requirement is provided in the report titled Amended Stormwater Pollution Prevention Plan for Girl Scouts of Greater New York.
   f. An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post–construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice. The Permanent Stormwater Facilities Maintenance Schedule provided on these plans serves to satisfy this requirement.
3. Enhanced Phosphorus Removal Standards – Beginning on September 30, 2008, all construction projects identified in Table 2 of Appendix B that are located in the watersheds identified in Appendix C shall prepare a SWPPP that includes post–construction stormwater management practices designed in conformance with the Enhanced Phosphorus Removal Standards included in the most current version of the technical standard, New York Stormwater Management Design Manual. At a minimum, the post–construction stormwater management practice component of the SWPPP shall include items 2.a – 2.f above. The permanent stormwater practices for this project have been sized according to chapter 10 of the Design Manual Enhanced Phosphorus Removal Standards. Please see 2.a – 2.f above.

PERMANENT STORMWATER FACILITIES MAINTENANCE SCHEDULE

PRACTICE/FACILITY	MONTHLY	AFTER MAJOR STORM EVENTS	BI–ANNUALLY	YEARLY	EVERY 5 to 10 YEARS
SUBSURFACE STORMWATER COLLECTION SYSTEMS	–	–	Inspect & clean	Inspect, clean, repair and/or replace structures. Remove debris.	Clean isolator row per manufgctures recommendations
INFILTRATION BASIN	Inspect first few months after construction for eroding soils & slumpage & repair immediately	Inspect for eroding soils on the basin berm & embankments, & sources of erosion; & stabilize and/or repair immediately.	Mow berms and exterior embankments Remove debris & litter from basins & outlet structures. Remove Sediment if accumulated greater than an 1"	–	Inspect for & remove accumulated sediment
VELOCITY DISSIPATION STRUCTURES	Inspect periodically for scour or dislodged stones.	Inspect for evidence of scour and/or for dislodged stones and repair immediately	–	Control weed and brush growth as needed.	–

Note: The party responsible for implementation of the maintenance schedule during and after construction is:

Girl Scouts of Greater New York
81 Camp Road
Holmes, NY 12531

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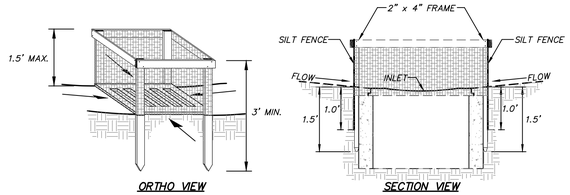


ORTHO VIEW — SECTION VIEW

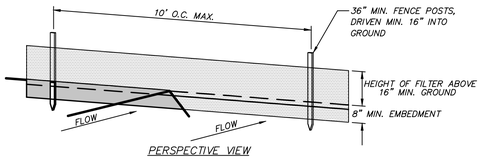
INSTALLATION NOTES

1. FILTER FABRIC SHALL HAVE AN EOS OF 40–85. BURLAP MAYBE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

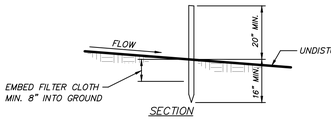
MAXIMUM DRAINAGE AREA 1 ACRE

FILTER FABRIC INLET PROTECTION DETAIL

(N.T.S.)



PERSPECTIVE VIEW



SECTION

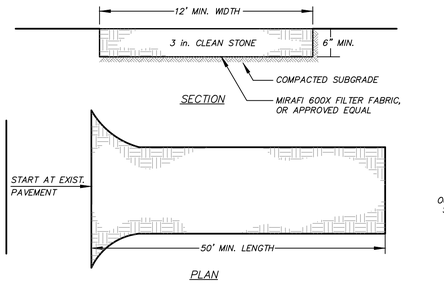
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

SILT FENCE DETAIL

(N.T.S.)



SECTION

PLAN

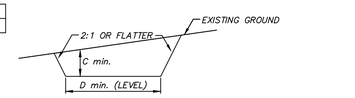
INSTALLATION NOTES

1. STONE SIZE – USE 3" STONE
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.)
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

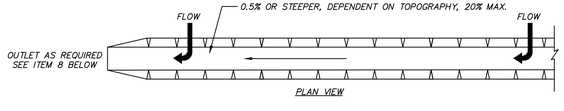
STABILIZED CONSTRUCTION ENTRANCE DETAIL

(N.T.S.)

	SWALE A (< 5 AC.)	SWALE B (5–10 AC.)
C	1'	1'
D	4'	6'



CROSS SECTION



PLAN VIEW

CONSTRUCTION SPECIFICATIONS

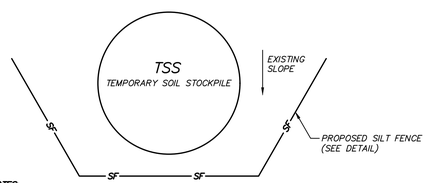
1. ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON–EROSIVE VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
6. FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
7. ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
8. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.
9. STABILIZATION SHALL BE AS PER THE CHART BELOW:

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	A (5 AC. OR LESS)	B (5–10 AC.)
1	0.5–3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1–5.0%	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSIOR
3	5.1–8.0%	SEED WITH JUTE OR EXCELSIOR; SOD	LINED RIP–RAP 4–8" RECYCLED CONCRETE EQUIVALENT
4	8.1–20%	LINED 4–8" RIP–RAP	ENGINEERED DESIGN

TEMPORARY SWALE DETAIL

(N.T.S.)



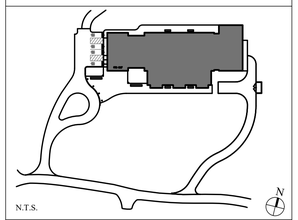
NOTES:

1. AREA CHOSEN FOR STOCKPILE LOCATION SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE IMMEDIATELY SEEDED WITH K.31 PERENNIAL TALL FESCUE.
4. ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCING INSTALLED ON THE DOWNGRADIENT SIDE.

TEMPORARY SOIL STOCKPILE DETAIL

(N.T.S.)

KEY PLAN



N.T.S.

No.	Date	Revision
3.	06/24/2022	ISSUED FOR BID
2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

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Architect:
PETER GISOLFI ASSOCIATES
Architects · Landscape Architects, LLP
566 Warburton Avenue, Hastings–on–Hudson, NY 10706
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Project Title
CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
DETAILS

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · LICENSED PROFESSIONAL ENGINEER · NO. 77950

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: SMR
CHK BY: ADT
DWG No: C-900
CADD FILE No: 16
W:\2005 Girl Scouts of Greater NY
20

Z:\2021\2105\Dwg Files\Plots\Combined Set\SP-C-900-504.dwg, 6/24/2022 3:23:47 PM, _pcmonaco, 1:1

EROSION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE

MONITORING REQUIREMENTS				MAINTENANCE REQUIREMENTS	
PRACTICE	**DAILY**	**WEEKLY**	**AFTER RAINFALL**	**DURING CONSTRUCTION**	**AFTER CONSTRUCTION**
SILT FENCE BARRIER	–	Inspect	Inspect	Clean/Replace	Remove
STABILIZED CONSTRUCTION ENTRANCE	Inspect	–	Inspect	Clean/Replace Stone and Fabric	Remove
DUST CONTROL	Inspect	–	Inspect	Mulching/ Spraying Water	N/A
*VEGETATIVE ESTABLISHMENT	–	Inspect	Inspect	Water/Reseed/ Remulch	Reseed to 80% Coverage
INLET PROTECTION	–	Inspect	Inspect	Clean/Repair/ Replace	Remove
SOIL STOCKPILES	–	Inspect	Inspect	Mulching/ Silt Fence Repair	Remove
SWALES	–	Inspect	Inspect	Clean/Mulch/ Repair	Mow Permanent Grass/Replace/ Repair Rip Rap
CHECK DAMS	–	Inspect	Inspect	Clean/Replace Stones/Repair	Clean/Replace Stones/Repair
CONCRETE DRAINAGE STRUCTURES	–	Inspect	Inspect	Clean Sumps/ Remove Debris/ Repair/Replace	Clean Sumps/ Remove Debris/ Repair/Replace
DRAINAGE PIPES	–	Inspect	Inspect	Clean/Repair	Clean/Repair
ROAD & PAVEMENT	–	Inspect	Inspect	Clean	Clean
*STORMWATER TRAP/BASIN	–	Inspect	Inspect	Clean/Mulch/ Repair/Reseed	See Permanent Stormwater Facilities Maintenance Schedule on Drawing D–6
CONCRETE TRUCK WASHOUT AREA	–	Inspect	Inspect	Remove Concrete From Site when Full and Re–establish	Remove

* Permanent vegetation is considered stabilized when 80% of the plant density is established. Erosion control measures shall remain in place until all disturbed areas area permanently stabilized.

Note: The party responsible for implementation of the maintenance schedule:
during construction is: Contractor (To be Determined)
after construction is: Girl Scouts of Greater New York, 81 Camp Road, Holmes, NY 12531

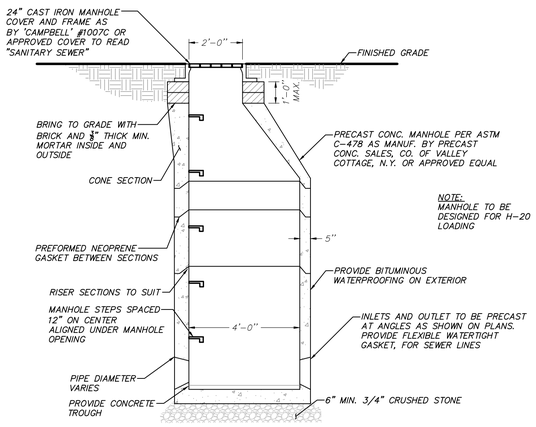
SOIL RESTORATION REQUIREMENTS[1,2]

(ONSITE SOILS WITHIN THE LIMIT OF DISTURBANCE BELONG TO THE HYDROLOGIC SOIL GROUP (HSG) D)

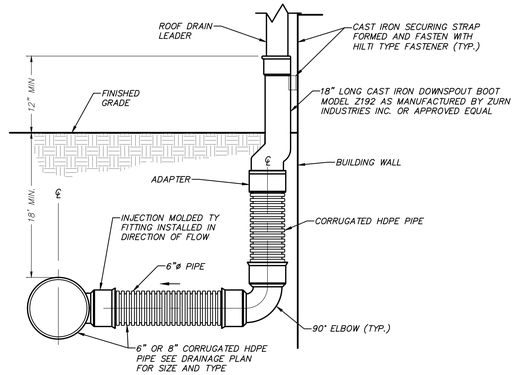
THE CONTRACTOR SHALL BE REQUIRED TO PERFORM THE FOLLOWING SOIL RESTORATION TECHNIQUES PRIOR TO INSTALLING TOPSOIL, SEED AND MULCH. ITEMS STROKEN IN THE FOLLOWING TABLE DO NOT NEED TO BE PERFORMED.

TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENT		COMMENTS/EXAMPLES
No soil disturbance	Restoration not permitted		Preservation of Natural Features
Minimal soil disturbance	Restoration not required		Clearing and grubbing
Areas where topsoil is stripped only – no change in grade	HSG A & B: Apply 6" of topsoil	HSG C & D: Aerate[3] and apply 6" of topsoil	Protect area from any ongoing construction activities
Areas of cut or fill	HSG A & B: Aerate[3] and apply 6" of topsoil	HSG C & D: Apply full Soil Restoration[4]	
Heavy traffic areas on site (especially in a zone 5–25 feet around buildings but not within a 5 foot perimeter around foundation walls.)	Apply full Soil Restoration[5] (de–compaction and compost enhancement)[6]		
Areas where runoff reduction and/or infiltration practices are applied	Restoration not required, but may be applied for appropriate practices.		Keep construction equipment from crossing these areas. To protect newly installed practices from any ongoing construction activities construction a single phase operation fence area.
Redevelopment projects	Soil restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area.		

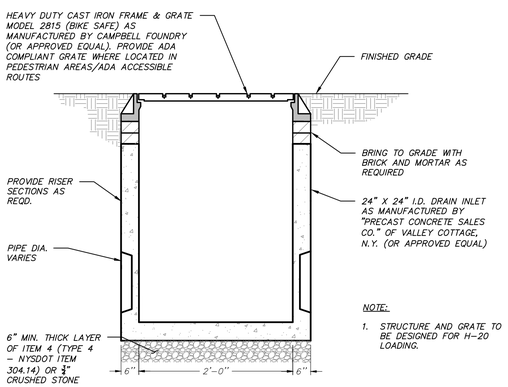
1. Aeration includes the use of machines such as tractor–drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini–subsoiler.
2. Per Deep Ripping and De–compaction, DEC 2008 .
3. Aeration includes the use of machines such as tractor–drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which functions like a mini–subsoiler.
4. During periods of relatively low to moderate subsoil moisture, the disturbed soils are returned to rough grade and the following Soil Restoration steps applied:
   a. Apply 3 inches of compost over subsoil.
   b. Till compost into subsoil to a depth of at least 12 inches using a cat–mounted ripper, tractor–mounted disc, or tiller, mixing, and circulating air and compost into subsoils.
   c. Rock–pick until uplifted stone/rock materials of four inches and larger size area cleaned off the site.
   d. Apply topsoil to a depth of 6 inches.
   e. Vegetate as required by seeding notes located on the project drawings.
   f. Tilling should not be performed within the drip line of any existing trees or over any utility installations that are within 24 inches of the surface.
5. Compost shall be aged, from plant derived materials, free of viable weed seeds, have no visible free water or dust produced when handling, pass through a half inch screen and have a pH suitable to grow desired plants.



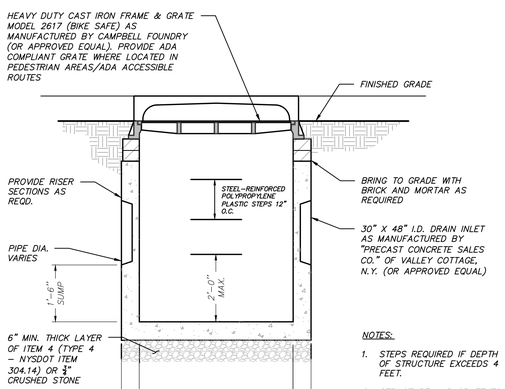
SEWER MANHOLE DETAIL
(N.T.S.)



L–DOWNSPOUT–BOOT–12 LEADER TO DRAIN LINE CONNECTION
(N.T.S.)



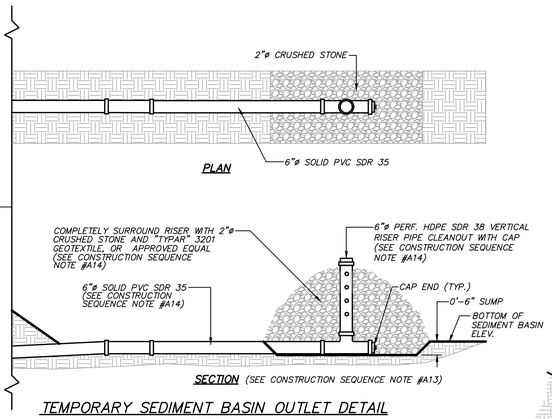
24" X 24" DRAIN INLET DETAIL
(N.T.S.)



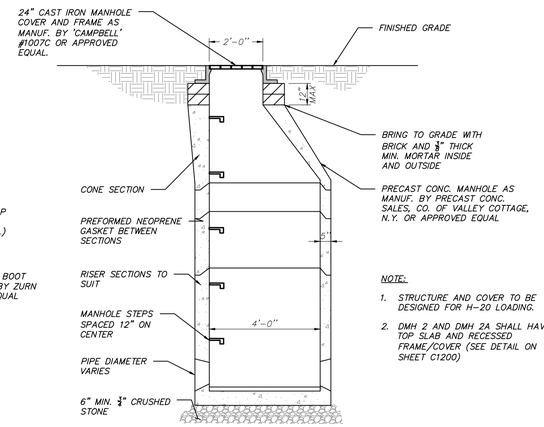
30" X 48" CATCH BASIN DETAIL
(N.T.S.)

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

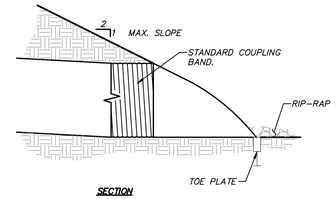
FOR ADDITIONAL BASIN CONSTRUCTION DETAILS, SEE THE APPROPRIATE EXTENDED DETENTION BASIN OUTLET DETAIL



TEMPORARY SEDIMENT BASIN OUTLET DETAIL
(N.T.S.)

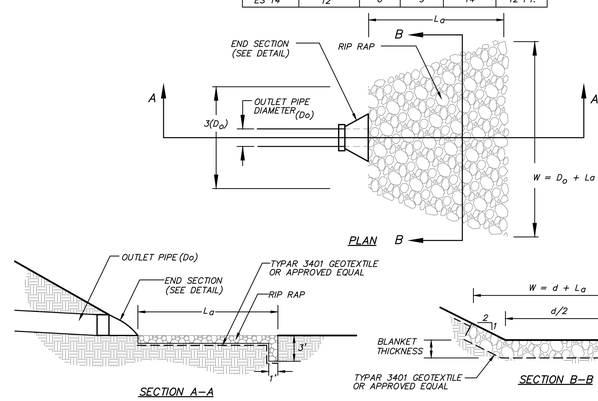


DRAINAGE MANHOLE DETAIL
(N.T.S.)



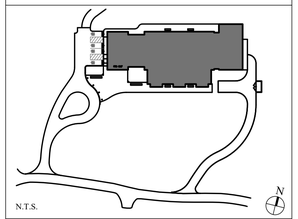
END SECTION DETAIL
(N.T.S.)

END SECTION	OUTLET PIPE DIAMETER (Do)	(D_{50}) RIP RAP SIZE	MAX. RIP RAP SIZE	MIN. RIPRAP BLANKET THICKNESS	La (MIN.)
ES 1	15"/8"	6"	9"	14"	12 FT.
ES 2	6"	6"	9"	14"	10 FT.
ES 3A	15"/8"	12"	18"	27"	18 FT.
ES 13	12"	6"	9"	14"	12 FT.
ES 14	12"	6"	9"	14"	12 FT.



VELOCITY DISSIPATOR DETAIL
(N.T.S.)

KEY PLAN



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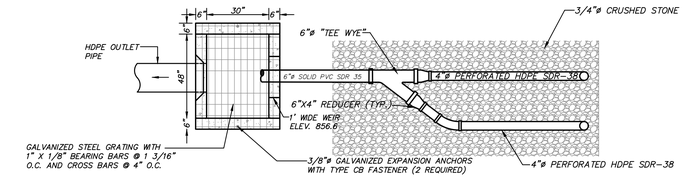
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
DETAILS

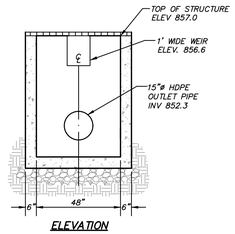
Seal & Signature
STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-901
CADD FILE No:	
W:\2005 Girl Scouts of Greater NY	17 / 20

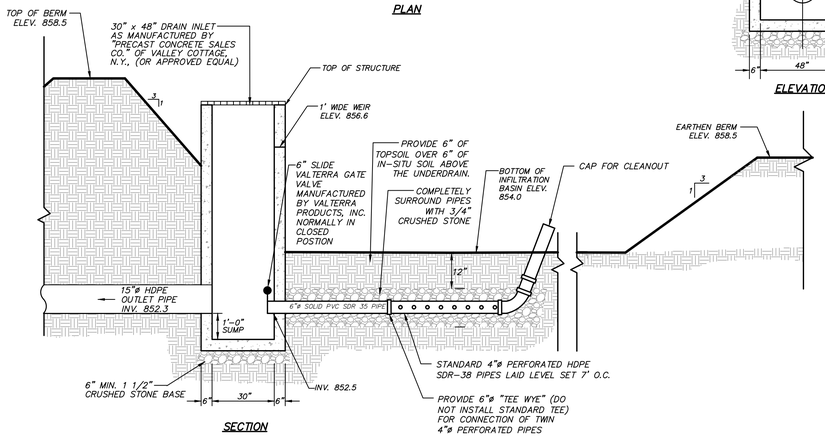
Z:\E\2021\2105 Camp Kaufmann\Misc Drawing Files\PSA Titleblock Set\109 C-905-906.dwg, 6/24/2022 3:23:32 PM, jmcmonal, 1:1



PLAN



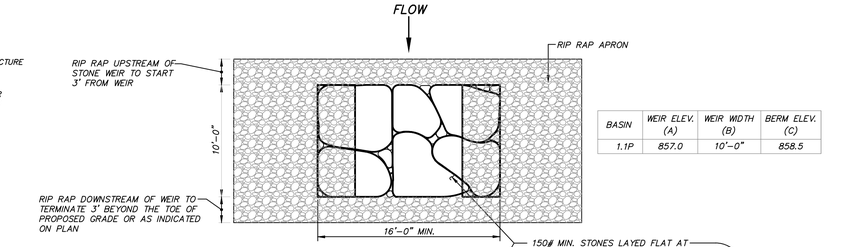
ELEVATION



SECTION

PERMANENT INFILTRATION BASIN PRACTICE (NYSDEC DESIGN I-2) OUTLET STRUCTURE DETAIL

(N.T.S.)



BASIN	WEIR ELEV. (A)	WEIR WIDTH (B)	BERM ELEV. (C)
1.1P	857.0	10'-0"	858.5

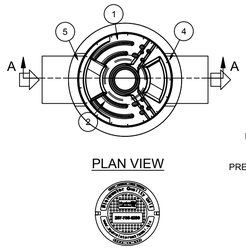
PLAN

ELEVATION

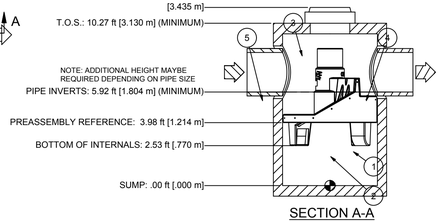
SECTION A-A

STONE EMERGENCY OVERFLOW DETAIL

(N.T.S.)



PLAN VIEW



SECTION A-A

1. MANHOLE WALL AND SLAB THICKNESSES ARE NOT TO SCALE.

2. CONTACT HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING FIRST DEFENSE MANHOLE.

3. CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE DIA. AND PIPE ORIENTATION PRIOR TO RELEASE OF UNIT TO FABRICATION.

HYDRO FRAME AND COVER (INCLUDED)

GRADE RINGS BY OTHERS AS REQUIRED

PRODUCT SPECIFICATION:

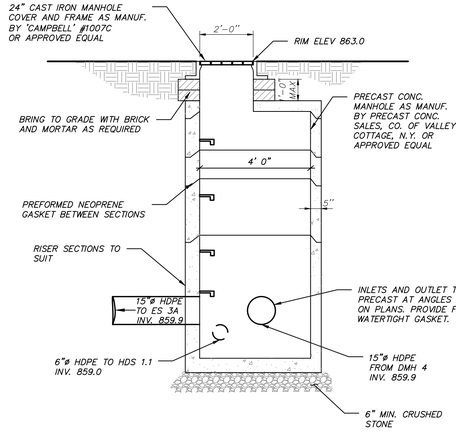
1. PEAK HYDRAULIC FLOW: 32.0 cfs (906 l/s)
2. MIN SEDIMENT STORAGE CAPACITY: 1.6 cu. yd. (1.2 cu. m.)
3. OIL STORAGE CAPACITY: 496 gal. (1878 liters)
4. MAXIMUM INLET/OUTLET PIPE DIAMETERS: 30 in. (750 mm)
5. THE TREATMENT SYSTEM SHALL USE AN INDUCED VORTEX TO SEPARATE POLLUTANTS FROM STORMWATER RUNOFF.
6. MORE PRODUCT INFORMATION INCLUDING REGULATORY ACCEPTANCES, PLEASE VISIT https://hydro-int.com/en/products/first-defense

GENERAL NOTES:
1. General Arrangement drawings only. Contact Hydro International for site specific drawings.
2. The diameter of the inlet and outlet pipes may be no more than 30".
3. Multiple inlet pipes possible (refer to project plan).
4. Inlet/outlet pipe angle can vary to align with drainage network (refer to project plan.s)
5. Peak flow rate and minimum height limited by available cover and pipe diameter.
6. Larger sediment storage capacity may be provided with a deeper sump depth.

PARTS LIST				
ITEM	QTY	SIZE (in)	SIZE (mm)	DESCRIPTION
1	1	36	900	I.D. PRECAST MANHOLE
2	1			INTERNAL COMPONENTS (PRE-INSTALLED)
3	1	30	750	FRAME AND COVER (ROUND)
4	1	18 (MAX)	450 (MAX)	OUTLET PIPE (BY OTHERS)
5	1	18 (MAX)	450 (MAX)	INLET PIPE (BY OTHERS)

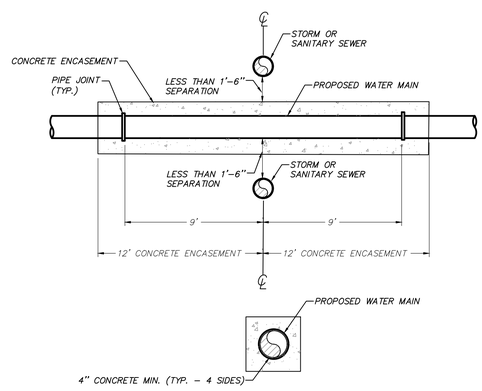
FIRST DEFENSE HYDRODYNAMIC SEPARATOR FDO-3 (HDS 1.1P)

(N.T.S.)



FLOWSPLITTER (FS 3) DETAIL

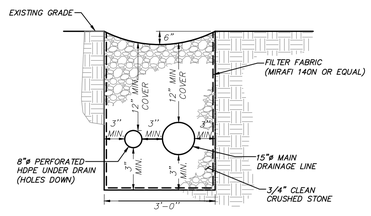
(N.T.S.)



WATER MAIN CONCRETE ENCASEMENT DETAIL

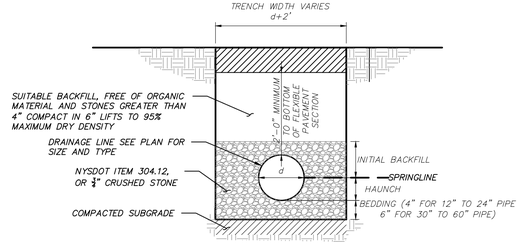
(N.T.S)

NOTE: CONCRETE ENCASEMENT IS ONLY TO BE USED WHEN 18" MINIMUM SEPARATION IS NOT POSSIBLE. CONCRETE ENCASEMENT REQUIRES PRIOR APPROVAL BY THE DESIGN ENGINEER & THE DEPARTMENT OF HEALTH.



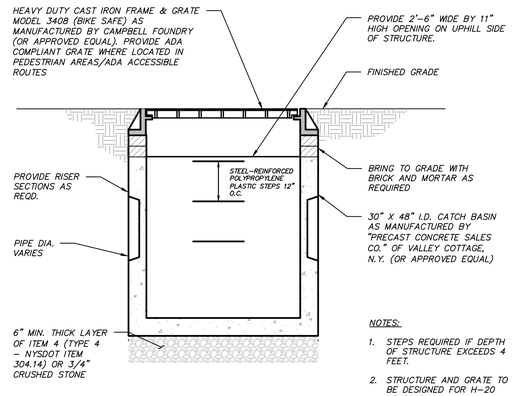
COMBINED UNDERDRAIN & MAIN DRAINAGE LINE DETAIL

(N.T.S.)



DRAINAGE LINE TRENCH DETAIL

(N.T.S.)



NOTES:

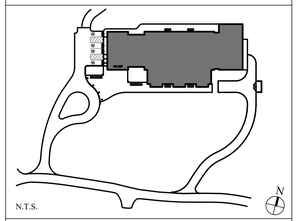
1. STEPS REQUIRED IF DEPTH OF STRUCTURE EXCEEDS 4 FEET.
2. STRUCTURE AND GRATE TO BE DESIGNED FOR H-20 LOADING.

SIDE DRAIN INLET DETAIL

(N.T.S.)

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

KEY PLAN



No.	Date	Revision
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2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

STRUCTURAL ENGINEER
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CIVIL ENGINEER
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Carmel, NY 10512
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M.E.P. ENGINEER
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68 Purchase Street,
Rye, NY 10580
PH (914) 967-9505

Architect
PETER GISOLFI ASSOCIATES
Architects · Landscape Architects, LLP
566 Warburton Avenue, Hastings-on-Hudson, NY 10706
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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

DETAILS

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · LICENSED PROFESSIONAL ENGINEER · No. 77950

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-902
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

Z:\E\20214000 Comp Kaufmann\Misc Drawing Files\HDA Titleblock Set\Combined Set\10 C-900-904.dwg, ls, 6/24/2022 3:26:57 PM, johnwatson.z, 1:1

Fill Notes:

1. Site modification activities involving placement of fill to be conducted during relatively dry periods to minimize soil smearing and excessive soil compaction.
2. Fill shall be run of bank (R.O.B.) gravel suitable for sewage absorption, be free of fines or other unsuitable material and shall have an in place percolation rate at least equal to or faster than the natural soil after the required stabilization period.
3. Fill suitable for sewage absorption should contain no more than 5% and preferably no more than 2% fines by weight. Fines are clay and silt particles that pass a #200 sieve. No more than 10% by weight of the fill material should pass a #100 sieve.

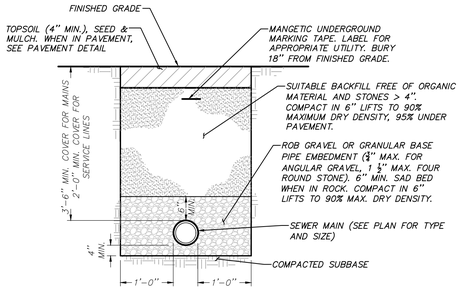
SSTS CONSTRUCTION NOTES:

1. The Dutchess County Department of Health and Design Engineer shall be contacted prior to the commencement of building construction and/or issuance of a building permit for a pre-construction inspection to ensure that the arrangements for water supply and sewage disposal are commenced in accordance with the approved plans and amendments thereto and generally accepted standards.
2. All wells and SDS existing or approved within 200 feet of the proposed wells and SDS are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of the SDS and well.

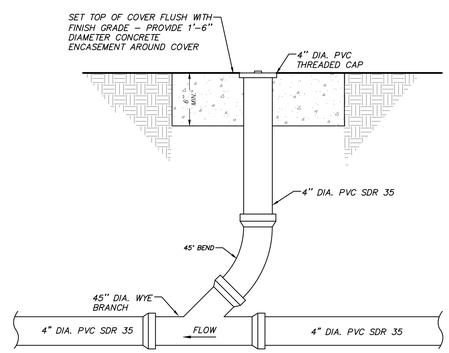
Dutchess County Department of Health Notes:

Standard Notes for Commercial Projects with Onsite Water & Sewage Disposal

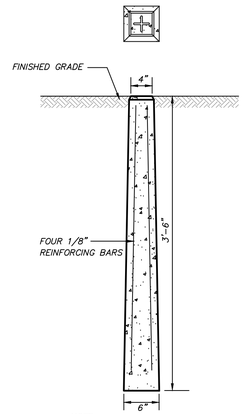
1. The design, construction and installation shall be in accordance with this plan and generally accepted standards in effect at the time of construction which include:
   - "Appendix 75-A, Waste Treatment – Individual Household Systems, New York State Sanitary Code."
   - "New York State Design Standards for Intermediate Sized Wastewater Treatment Systems", NYSDEC
   - "Residential Onsite Wastewater Treatment Systems, Design Handbook", New York State Department of Health.
   - "Planning the Subdivision as Part of the Total Environment", New York State Department of Health.
   - "New York State Department of Health and Dutchess County Environmental Health Services Division policies, procedures and standards."
   - "Dutchess County and New York State Sanitary Codes."
   - "Dutchess County Environmental Health Services Division Certificate of Approval letter."
2. This plan is approved as meeting the appropriate and applied technical standards, guidelines, policies and procedures for arrangement of sewage disposal and treatment and water supply facilities; and, as a condition of this approval, a construction inspection by a representative of the DC EHSD shall be done to determine that construction at the time of inspection was completed in general conformance with the approved plans and any amendment thereof.
3. Approval of any plan(s) or amendment thereto shall be valid for a period of 5 years from the date of approval. Following the expiration of said approval, the plan(s) shall be re-submitted to the Commissioner of Health for consideration for re-approval. Re-submission or revised submission of plans and/or associated documents shall be subject to compliance with the technical standards, guidelines, policies and procedures in effect at the time of the re-submission.
4. The DC EHSD shall be contacted prior to the commencement of the home construction and/or issuance of a building permit for a pre-construction inspection to ensure that the arrangements for water supply and sewage disposal are commenced in accordance with the approved plans and amendments thereto and generally accepted standards.
5. All wells and onsite wastewater treatment systems, existing or approved, located within 300 feet of the proposed wells and onsite wastewater treatment system are shown on this plan along with any other environmental hazards in the area that may affect the design and functional ability of the onsite wastewater treatment system and well.
6. If the tank is delivered to the site in sections, then it shall be demonstrated by the contractor to the DC EHSD field inspector and/or design professional that the tank is sealed, watertight and acceptable for use. This shall require, at a minimum, the filling of the tank with water to observe if it is in fact sealed, watertight and acceptable for use. The tank must also meet any local testing requirements, including possible electrical and safety standards.
7. All proposed wells and service lines on this plan are accessible for installation and placement.
8. No cellar, footing, floor, garage, cooler or roof drains shall be discharged into the onsite wastewater treatment system or within 50 feet of any well.
9. All buildings shall be constructed at an elevation high enough to ensure gravity flow to the onsite wastewater treatment system.
10. There shall be no vehicular traffic over the onsite wastewater treatment system. Prior to construction, the area of the system shall be staked out and fenced off.
11. Onsite wastewater treatment systems shall not be installed in wet or frozen soil.
12. All required Erosion & Sediment Control and Stormwater Pollution Prevention Water Quality & Quantity Control structures, permanent and temporary, are shown on the plans.
13. The undersigned owners of the property hereon state that they are familiar with this map, its contents and its legends and hereby consent to all said terms and conditions as stated hereon.



SEWER MAIN TRENCH DETAIL
(N.T.S.)

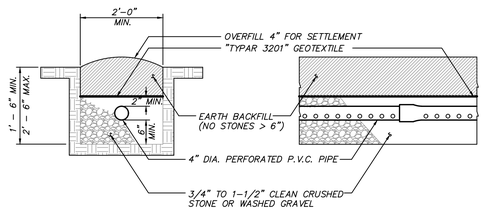


SEWER LINE CLEANOUT DETAIL
(N.T.S.)



NOTE:
SET FLUSH WITH FINISHED GRADE.
(TO BE USED TO DELINEATE THE FOUR CORNERS OF EACH SSTS SECTION).

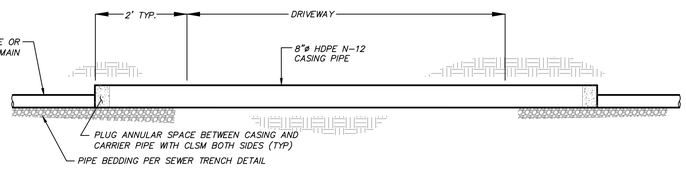
CONCRETE MONUMENT DETAIL
(N.T.S.)



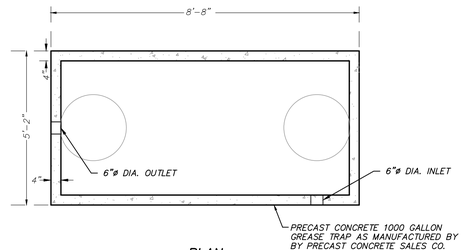
CROSS SECTION LONGITUDINAL SECTION

NOTES:
1. PROVIDE 2' OF SOLID PIPE AT THE BEGINNING OF EVERY TRENCH.
2. PROVIDE END CAPS AT THE END OF EACH ABSORPTION TRENCH.
3. THE SLOPE OF THE PERFORATED PIPES SHALL BE BETWEEN A MINIMUM OF 1/32"/FT AND A MAXIMUM OF 1/16"/FT, UNLESS THE TRENCHES ARE DOSED BY PUMPING OR BY A DOSING TANK. DOSED TRENCHES SHALL BE LEVEL.
4. A MINIMUM FIVE (5) FOOT SEPARATION DISTANCE MUST BE PROVIDED BETWEEN BETWEEN THE BOTTOM OF THE ABSORPTION TRENCH AND THE PRESENCE OF SEASONAL HIGH GROUND WATER AND/OR LEDGE ROCK.

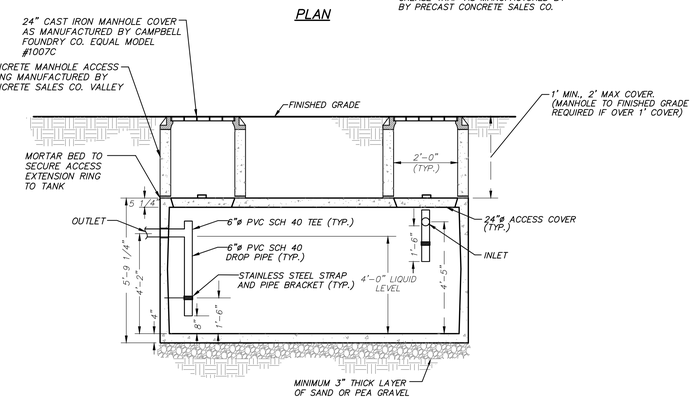
ABSORPTION TRENCH DETAIL
(N.T.S.)



SEWER ROAD CROSSING DETAIL
(N.T.S.)

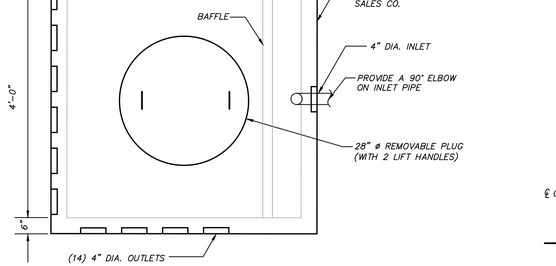


PLAN

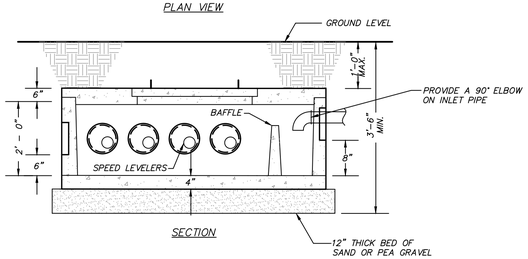


SECTION

1,000 GALLON GREASE TRAP DETAIL
(TO BE DESIGNED FOR H-20 LOADING WHEN IN PAVEMENT)
(N.T.S.)



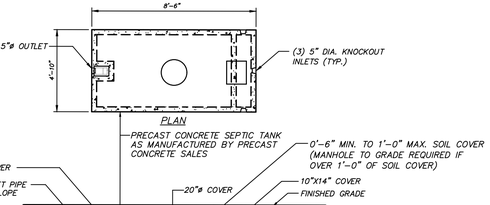
PLAN VIEW



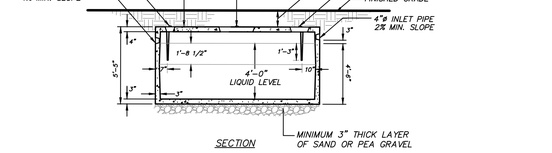
SECTION

NOTES:
1. DISTRIBUTION BOX TO BE LAID LEVEL AND EQUIPPED WITH SPEED LEVELERS.
2. 14-WAY DISTRIBUTION BOX DOES NOT COME PRE-CAST WITH BAFFLE. PROVIDE BAFFLE IN FIELD WITH SOLID BLOCK.
3. ELEVATIONS SHOWN ON PLANS.
4. SPEED LEVELERS ARE TO BE PROVIDED ON EACH OUTLET

14 WAY DISTRIBUTION BOX DETAIL
(N.T.S.)

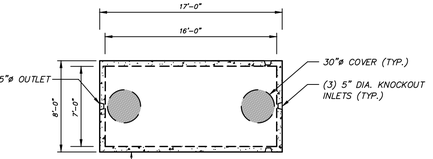


PLAN



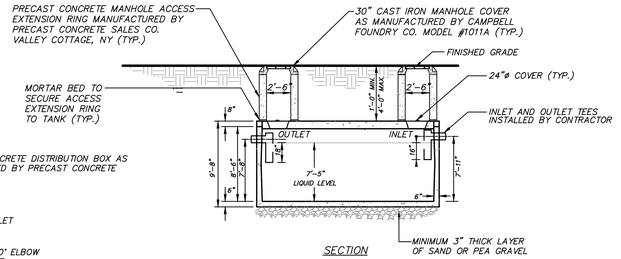
SECTION

1,000 GALLON SEPTIC TANK DETAIL
(TO BE DESIGNED FOR H-20 LOADING WHEN IN PAVEMENT)
(N.T.S.)



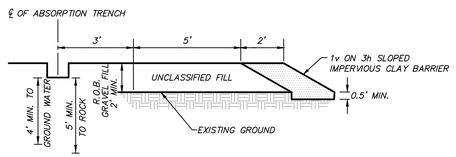
PLAN

PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY PRECAST CONCRETE SALES CO.



SECTION

6,000 GALLON SEPTIC TANK DETAIL
(TO BE DESIGNED FOR H-20 LOADING WHEN IN PAVEMENT)
(N.T.S.)



1. Fill pad material (gravel) must extend three (3') feet beyond center of trench. After fill pad material, there must be seven (7') feet of additional soil, with the final two (2') feet being impervious soil with a one (1) vertical to three (3) horizontal slope. The toe of the slope shall extend into the virgin soil 6 to 12 inches deep and 24 inches wide. Topsoil shall be applied in accordance with Appendix 75-A, Section 75-A.9 (b-4-iv).
2. R.O.B. gravel fill to be compacted in 6" lifts.
3. Fill and impervious barrier must be placed and a professional engineer shall certify in writing that all soil conditions are satisfactory to allow installation of the sewage disposal system. Engineering certification shall include but not be limited to inspection of soil materials, dimensions and site location.

FILL SECTION DETAIL
(N.T.S.)

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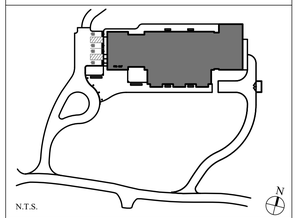
KEY PLAN



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3 Garrett Place
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68 Purchase Street,
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Architect:
PETER GISOLFI ASSOCIATES
Architects · Landscape Architects, LLP
566 Warburton Avenue, Hastings-on-Hudson, NY 10706
Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

DETAILS

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · LICENSED PROFESSIONAL ENGINEER · No. 77950

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-903
CADD FILE No:	

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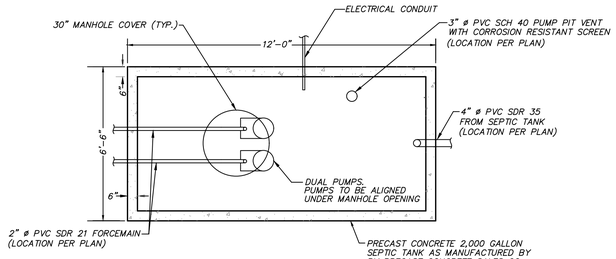

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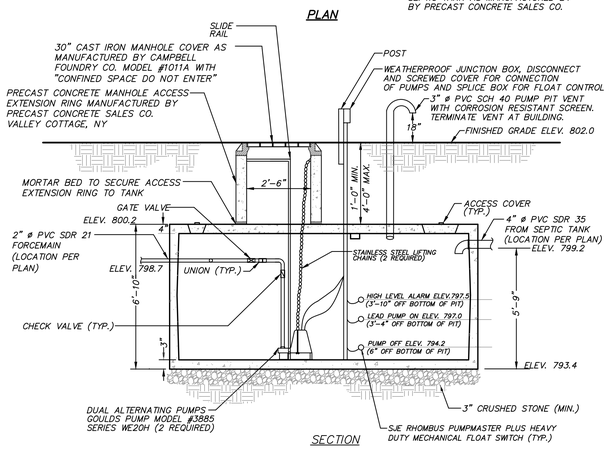

SECTION

2,500 GALLON DUAL PUMP PIT DETAIL

(TO BE H-20 LOADING)
(N.T.S.)

PUMP PIT NOTES:

1. PUMP CONTROL PANEL AND AUDIO/VISUAL ALARM SHALL BE LOCATED INSIDE THE BUILDING.
2. ALL ELECTRICAL WORK AND MATERIAL TO COMPLY WITH THE NATIONAL ELECTRICAL CODE REQUIREMENTS FOR CLASS I GROUP D, DIVISION 1 LOCATIONS.
3. ALL MODEL NUMBERS SPECIFIED ARE FROM GOULDS PUMPS, INC., SENECA FALLS, NEW YORK. CAN ONLY BE SUBSTITUTED WITH APPROVAL FROM DESIGN ENGINEER.
4. AN ELECTRICAL UNDERWRITER'S CERTIFICATE FOR THE PUMP CHAMBER COMPONENTS MUST BE PROVIDED TO THE COUNTY DEPARTMENT OF HEALTH AS A PART OF THE CONSTRUCTION COMPLIANCE SUBMISSION PACKAGE.
5. EACH PUMP AND ALARM TO BE CONNECTED TO SEPARATE CIRCUITS.
6. DOSE VOLUME CALCULATIONS:

TRENCH SECTION 1A:

- ABSORPTION TRENCH VOLUME = 2,700 LF x $\frac{\pi(\frac{4"}{12"})^2}{4}$ x $\frac{7.48\ GAL}{CF}$ = 1,762 GALLONS
- PROPOSED DOSE VOLUME = 1,338 GALLONS (76% OF PIPE VOLUME)
- VOLUME PER INCH OF DRAW = 6.0 FT X 11.5 FT X 1 IN X $\frac{1\ FT}{12\ IN}$ X $\frac{7.48\ GAL}{1\ CF}$ = 43 GAL/IN
- VOLUME OF FORCE MAIN = 760 LF X $\frac{\pi(\frac{2"}{12"})^2}{4}$ X $\frac{7.48\ GAL}{CF}$ = 124 GAL
- DOSE DRAW = $\frac{124\ GAL + 1338\ GAL}{43\ GAL/IN}$ = 34 IN

TRENCH SECTION 1B:

- ABSORPTION TRENCH VOLUME = 1,600 LF X $\frac{\pi(\frac{4"}{12"})^2}{4}$ X $\frac{7.48\ GAL}{CF}$ = 1,175 GALLONS
- PROPOSED DOSE VOLUME = 899 GALLONS (76.5% OF PIPE VOLUME)
- VOLUME PER INCH OF DRAW = 6.0 FT X 11.5 FT X 1 IN X $\frac{1\ FT}{12\ IN}$ X $\frac{7.48\ GAL}{1\ CF}$ = 43 GAL/IN
- VOLUME OF FORCE MAIN = 1,130 LF X $\frac{\pi(\frac{2"}{12"})^2}{4}$ X $\frac{7.48\ GAL}{CF}$ = 184 GAL
- DOSE DRAW = $\frac{176\ GAL + 899\ GAL}{43\ GAL/IN}$ = 25 IN

7. EMERGENCY STORAGE NOT REQUIRED AS EMERGENCY GENERATOR SHALL BE PROVIDED FOR PUMP PIT.
8. PUMPS, GATE VALVES AND UNIONS MUST BE LOCATED UNDER MANHOLE OPENING AND BE ACCESSIBLE WITHOUT HAVING TO ENTER THE PUMP PIT.
9. REMOVE ALL BAFFLES FROM THE TANK.
10. THE FLOAT SETTINGS NOTED ARE FOR A PUMP PIT WITH THE SPECIFIC DIMENSIONS SHOWN HEREON. CONTACT THE DESIGN ENGINEER FOR THE PROPER FLOAT SETTINGS IF A PUMP PIT WITH DIFFERENT DIMENSIONS IS USED.

SEWER FORCEMAIN TESTING PROCEDURES

TESTS ON PRESSURE PIPING FOR TRANSPORT OF SEWAGE

A. Hydrostatic Pressure and Leakage Test

1. Test pressure shall be as scheduled or, where no pressure is scheduled, shall be 50 psi.
2. Test pressure shall be held on the piping for a period of at least 30 minutes, unless a longer period is requested by the Engineer.
   a. At the completion of the test, the pressure shall be released at the furthermost point from the point of application.
3. All exposed piping shall be examined during the test and all leaks, defective material or joints shall be repaired or replaced before repeating the tests.
4. The allowable leakage for forcemain pressure pipelines shall not exceed 0.5 gallons per 1,000 LF of pipe for any 30-minute period.
5. Regardless of the above allowables, any visible leaks shall be permanently stopped.
6. The test medium shall be water.

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PUMP PIT PUMP DOSE TIMER CONTROL SEQUENCE OF OPERATION

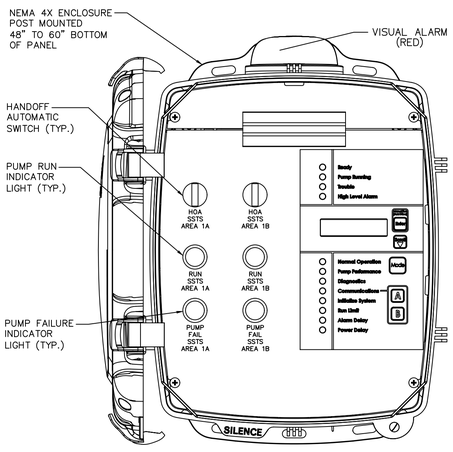
THE PUMP CONTROL PANEL SHALL BE EQUIPPED WITH FOUR SETTINGS ON A SUBMERSIBLE LEVEL CONTROL PROBE TO CONTROL THE TIMED DOSES TO BE DISCHARGED. THE WATER LEVEL MUST BE HIGH ENOUGH TO OVERCOME THE "BOTH PUMPS OFF" (BOTTOM) SETTING IN ORDER FOR THE PUMPS TO BE PERMITTED TO RUN. WHEN THE WATER LEVEL RISES HIGH ENOUGH TO OVERCOME THE "LEAD PUMP ON" (SECOND) SETTING, AND THE TIME CLOCK IS IN A PUMP ENABLE MODE, THE LEAD PUMP WILL ACTIVATE. THE LEAD PUMP SHALL CONTINUE TO RUN FOR THE LENGTH OF TIME AS PROGRAMMED ON THE PUMP RUN TIMER, AND SHALL THEN SHUT OFF.

THE PUMPS SHALL REMAIN OFF UNTIL THE TIME CLOCK ENTERS A NEW PUMP ENABLE MODE, AT WHICH TIME THE LEAD PUMP SHALL ACTIVATE (AS LONG AS THE "LEAD PUMP ENABLE" SETTING IS STILL TRIGGERED) AND WILL RUN UNTIL THE PUMP RUN TIMER FINISHES TIMING OUT. THE PUMP RUN TIMER SHALL CONTINUE TO OPERATE A FULL PUMPING CYCLE.

SHOULD EITHER PUMP FAIL TO RUN WHEN CALLED FOR, THE PUMP FAIL CIRCUIT SHALL REMOVE THE FAILED PUMP FROM SERVICE AND ACTIVATE THE AUDIO/VISUAL ALARM. THE ALARM SHALL REMAIN LATCHED UNTIL MANUALLY RESET.

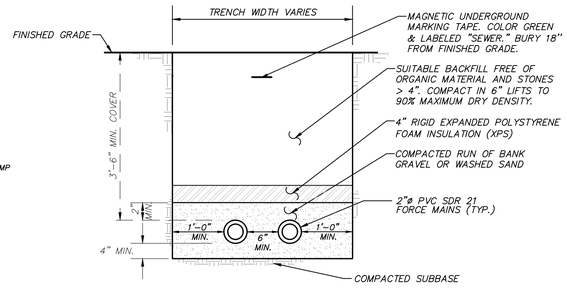
THE CONTROL SYSTEM SHALL INCLUDE AN ALTERNATOR OVERRIDE SWITCH TO ALLOW FOR MANUAL SELECTION OF THE LEAD PUMP IF NECESSARY, AND WILL BE SETUP SUCH THAT IT WILL NOT INTERFERE WITH THE NORMAL TIMING FUNCTIONS OF THE SYSTEM.
THE CONTROL SYSTEM SHALL BE EQUIPPED WITH A TIMER OVERRIDE CIRCUIT. IF THE WATER LEVEL CONTINUES TO RISE ENOUGH TO OVERCOME THE "LAG PUMP ON" (THIRD) SETTING, AND THE OVERRIDE SELECTOR SWITCH IS ON, THE PUMP SHALL BE ACTIVATED, REGARDLESS OF THE TIME CLOCK POSITION. THE PUMP WILL CONTINUE TO RUN UNTIL DEACTIVATED BY THE OVERRIDE CIRCUIT, AT WHICH TIME THE PUMP WILL SHUT OFF AND THE NORMAL PUMPING CYCLE SHALL RESUME.

IF THE WATER LEVEL CONTINUES TO RISE ENOUGH TO OVERCOME THE "HIGH LEVEL ALARM" (FOURTH) SETTING, THE AUDIO/VISUAL ALARM SHALL ACTIVATE THE REMAIN LATCHED UNTIL THE SILENCE SWITCH IS PRESSED. WHEN THE SILENCE SWITCH IS PRESSED, THE AUDIBLE ALARM SHALL BE SILENCED AND THE TOP MOUNTED ALARM LIGHT WILL REMAIN LIT UNTIL THE WATER LEVEL DROPS BELOW THE "HIGH LEVEL ALARM" SETTING, AT WHICH TIME THE ALARM CIRCUIT MUST BE MANUALLY RESET. THE PUMP CONTROLS SHALL PROVIDE A TIME DELAY OF 10 SECONDS BETWEEN ALTERNATING PUMP CYCLES.



DUAL CONTROL PANEL

(N.T.S.)

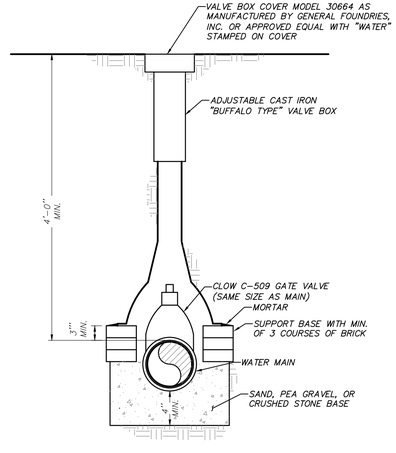


SEWER FORCE MAIN TRENCH DETAIL

(N.T.S.)

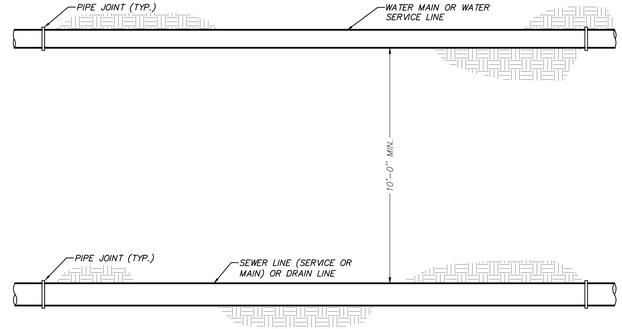
SEWER FORCEMAIN NOTES

1. The sewer forcemain from the sewer pump pit to the 14 way distribution boxes shall be 2" diameter forcemains.
2. The forcemain pipe shall be 2" diameter white PVC SDR 21 with bell and spigot joints and factory installed gaskets.
3. All fittings shall be Schedule 80 glued fittings. Thrust blocks shall be provided at all bends.
4. Provide transition fittings and transition gaskets as needed.
5. Provide metallic marking tape labeled "sewer" over the forcemains.



WATER MAIN GATE VALVE DETAIL

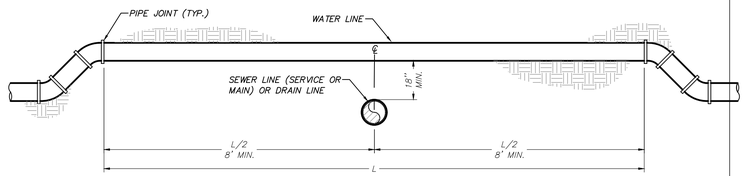
(N.T.S.)



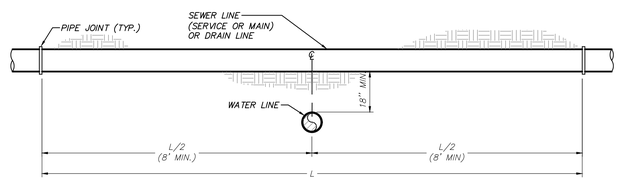
NOTES:
1. WHEN THE 10' SEPARATION CANNOT BE MAINTAINED, THE WATER LINE SHALL BE ENCASED IN CONCRETE (SEE DETAIL) ONLY WITH PRIOR APPROVAL OF THE DESIGN ENGINEER AND DEPARTMENT OF HEALTH.
2. THE 10' SEPARATION APPLIES TO WATER MAINS AND WATER SERVICE CONNECTIONS.

WATER LINE HORIZONTAL SEPARATION DETAIL

(N.T.S.)



WATER LINE CROSSING OVER SANITARY SEWER LINE OR STORM DRAIN LINE

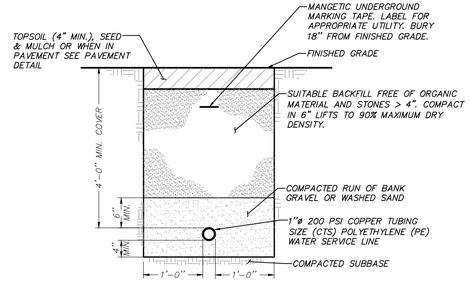


WATER LINE CROSSING UNDER SANITARY SEWER LINE OR STORM DRAIN LINE

NOTES:
1. WHEN 18" SEPARATION CANNOT BE MAINTAINED, THE WATER LINE SHALL BE ENCASED IN CONCRETE (SEE DETAIL) ONLY WITH PRIOR APPROVAL OF THE DESIGN ENGINEER AND DEPARTMENT OF HEALTH.
2. PROVIDE PIPE AND FITTING RESTRAINT AS REQUIRED.
3. THE 18" SEPARATION APPLIES TO WATER MAINS AND WATER SERVICE CONNECTIONS.

WATER LINE CROSSING DETAIL

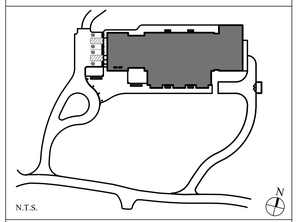
(N.T.S.)



WATER SERVICE LINE TRENCH DETAIL

(N.T.S.)

KEY PLAN



No.	Date	Revision
3.	06/24/2022	ISSUED FOR BID
2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

DETAILS

Seal & Signature

STATE OF NEW YORK · JOHN M. WATSON · No. 77950 · LICENSED PROFESSIONAL ENGINEER

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	SMR
CHK BY:	ADT
DWG No:	C-904
CADD FILE No:	20

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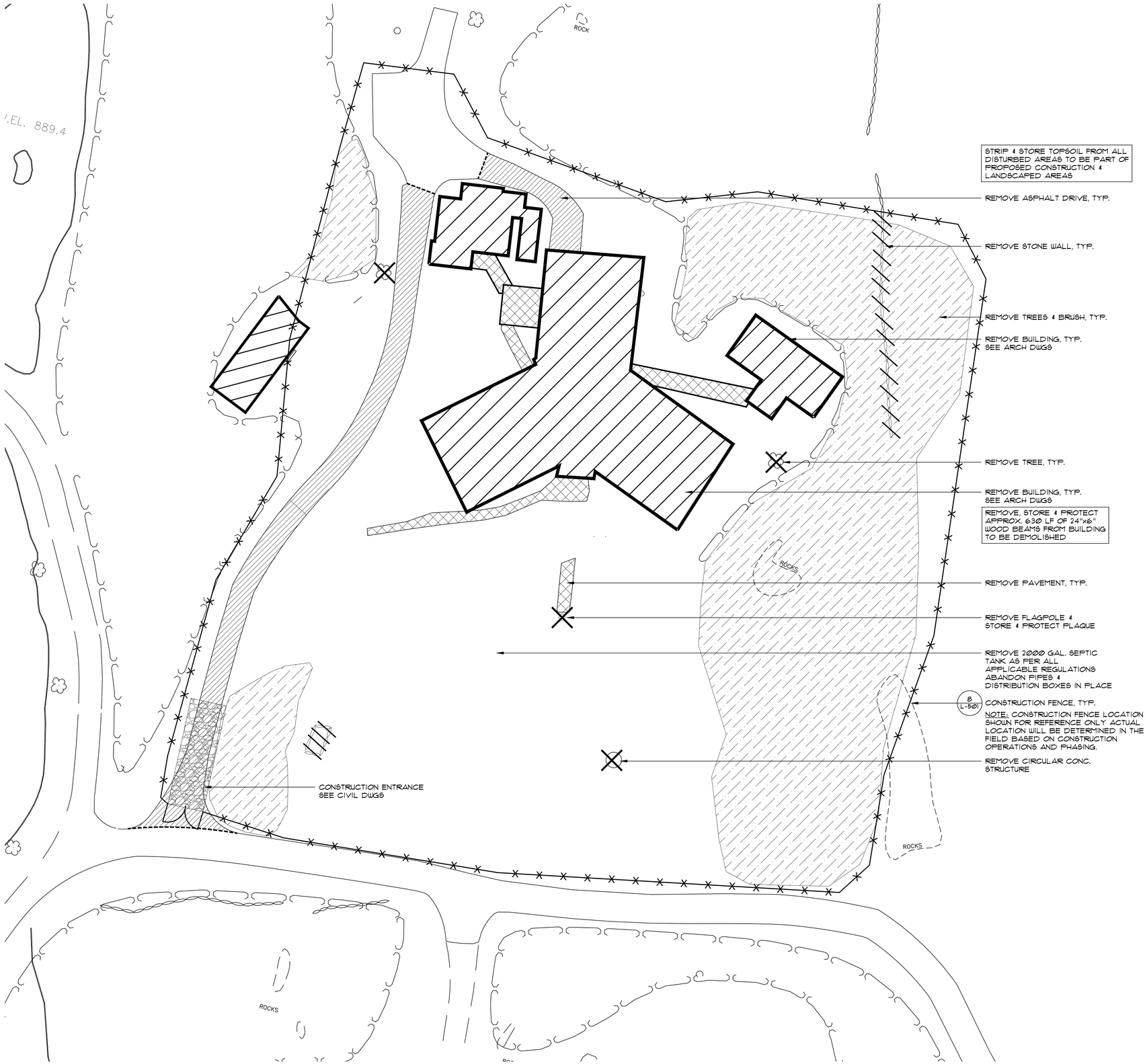
Z:\E\2021\05\20 Camp Kaufmann\Misc Drawing Files\PSA Titleblock Set\Combined Set\20 C-900-904.dwg, 6/24/2022 2:24:17 PM, jmcmurdo, 1:1



DEMOLITION AND REMOVAL NOTES

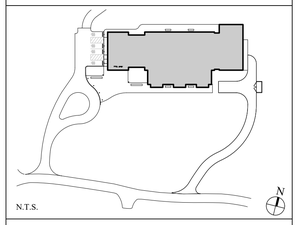
1. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AND FIELD CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONTINUING WORK.
2. ALL REMOVALS SHALL BE AS SHOWN ON THE CONTRACT DRAWINGS AND/OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING REMOVAL OPERATIONS TO PROTECT EXISTING MATERIALS TO REMAIN EITHER BELOW GRADE OR ABOVE GRADE. ANY DAMAGE TO EXISTING MATERIALS RESULTING FROM CONSTRUCTION SHALL BE THE CONTRACTORS RESPONSIBILITY, AND SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
4. PRIOR TO DEMOLITION, ALL MATERIALS TO BE REMOVED AND SALVAGED BY THE CONTRACTOR SHALL BE NEATLY STORED IN A SECURED AREA APPROVED BY THE OWNER'S REPRESENTATIVE.
5. VERIFY THE INTENDED DISPOSITION OF ALL ITEMS TO BE REMOVED AND SALVAGED, BUT NOT TO BE USED IN THE NEW IMPROVEMENTS WITH THE OWNER'S REPRESENTATIVE.
6. IF THERE IS ANY CONFUSION AS TO WHAT IS TO REMAIN AND WHAT IS TO BE REMOVED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONTINUING WITH WORK.
7. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING, BRACING AND DEWATERING REQUIRED OR AS DIRECTED TO PROTECT THE SAFETY OF ADJACENT STRUCTURES AND UTILITIES.
8. WHERE NEW CONSTRUCTION ABUTS EXISTING PAVEMENTS, THE EXISTING MATERIAL SHALL BE CLEANLY SAWCUT TO PROVIDE A CLEAN NEAT MATCH WITH NO TRIP HAZARDS.
9. THERE SHALL BE NO STOCKPILING, STAGING OR MACHINERY AND VEHICULAR TRAFFIC ON AREAS OUTSIDE THE CONTRACT LIMIT LINE. ANY DAMAGE TO EXISTING LAWN, TREES, SHRUBS AND ANY OTHER MATERIALS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

LEGEND

- REMOVE PAVEMENT
- REMOVE ASPHALT DRIVE
- REMOVE TREES & BRUSH
- REMOVE BUILDING
- CONSTRUCTION FENCE
- CLEAN SAW-CUT PAVEMENT
- CONCR. WALL, STONE WALL, OR STONE BENCH, TO BE REMOVED
- ITEM TO BE REMOVED
- REMOVE TREES & BRUSH

0 5' 10' 20' 40'
1" = 20'-0"

KEY PLAN



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Project Title

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81 CAMP ROAD
HOLMES, NY 12531

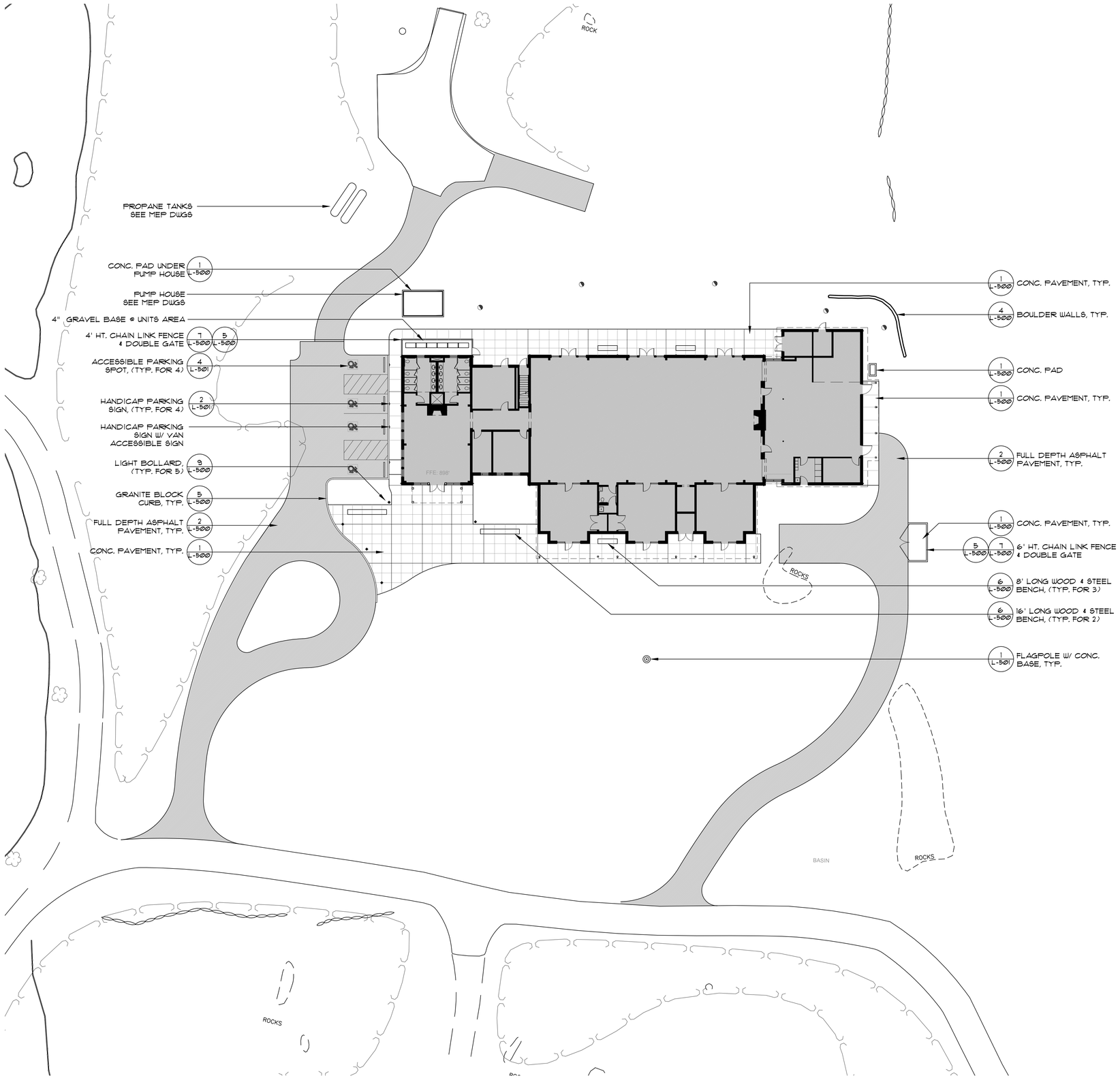
Drawing Title

REMOVALS PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	RW
CHK BY:	RW
DWG No:	L-100
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



GENERAL NOTES

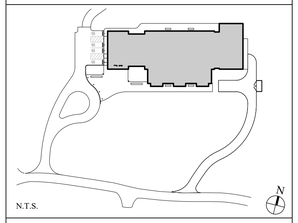
1. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO COMMENCEMENT OF WORK. ACTUAL FIELD CONDITIONS MAY VARY FROM LAYOUT, DIMENSIONS AND EXISTING GRADES AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH EXISTING FIELD CONDITIONS. NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES PRIOR TO CONTINUING WORK.
2. THE CONTRACTOR SHALL SECURE THE WORK AREA WITH SPECIFIED BARRIERS AND FENCING AND MAINTAIN A SAFE AND SECURE CONSTRUCTION SITE.
3. PEDESTRIAN AND VEHICULAR TRAFFIC ON ADJACENT ROADS AND SIDEWALKS SHALL BE MAINTAINED DURING CONSTRUCTION.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE OR INTERRUPTION TO EXISTING UTILITY SERVICE. ANY DAMAGE OR INTERRUPTION TO EXISTING UTILITY SERVICE SHALL BE RESTORED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
5. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE AGENCIES AND UTILITY COMPANIES HAVING JURISDICTION (I.E. DEPARTMENT OF TRANSPORTATION, FIRE DEPARTMENT, DEPARTMENT OF ENVIRONMENTAL PROTECTION TELEPHONE, SEWER, GAS, ETC.), OBTAIN PERMITS AND PAY ANY FEES ASSOCIATED WITH WORK OF THIS PROJECT. SEE BIDDING GUIDE SCOPE OF WORK: WORK NOT INCLUDED FOR EXCLUSIONS.
6. IT IS ANTICIPATED THAT VARIOUS TYPES OF WORK FOR THIS CONTRACT WILL BE PERFORMED SIMULTANEOUSLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK BETWEEN SUBCONTRACTORS AND UTILITY COMPANIES TO ENSURE COMPLETION OF HIS WORK IN A TIMELY AND WORKMAN LIKE MANNER.
7. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE TO ENSURE MATERIALS TO REMAIN SHALL NOT BE DAMAGED. ANY DAMAGE TO MATERIAL TO REMAIN SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND PAID FOR BY THE CONTRACTOR.
8. REMOVE AND DISPOSE OF ALL ITEMS DESIGNATED AS REMOVALS OFF-SITE IN A LEGAL MANNER. ALL EXISTING INLETS, BASINS AND CONNECTIONS WITHIN THE PROJECT LIMIT SHALL BE CLEANED AND CLEARED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
9. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL RESTORE ALL "UNIMPROVED" AREAS UTILIZED FOR SITE ACCESS, STOCKPILING, CONSTRUCTION TRAILERS ETC. TO SERVICEABLE AND SAFE CONDITIONS AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

LEGEND

- GRANITE BLOCK CURB
- BOULDER WALL
- SCORED CONCRETE PAVEMENT W/ EXPANSION JOINT
- FULL DEPTH ASPHALT PAVEMENT
- LIGHT BOLLARD

0 5' 10' 20' 40'
1" = 20'-0"

KEY PLAN



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Drawing Title

MATERIALS PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	RW
CHK BY:	RW
DWG No:	L-200
CADD FILE No:	

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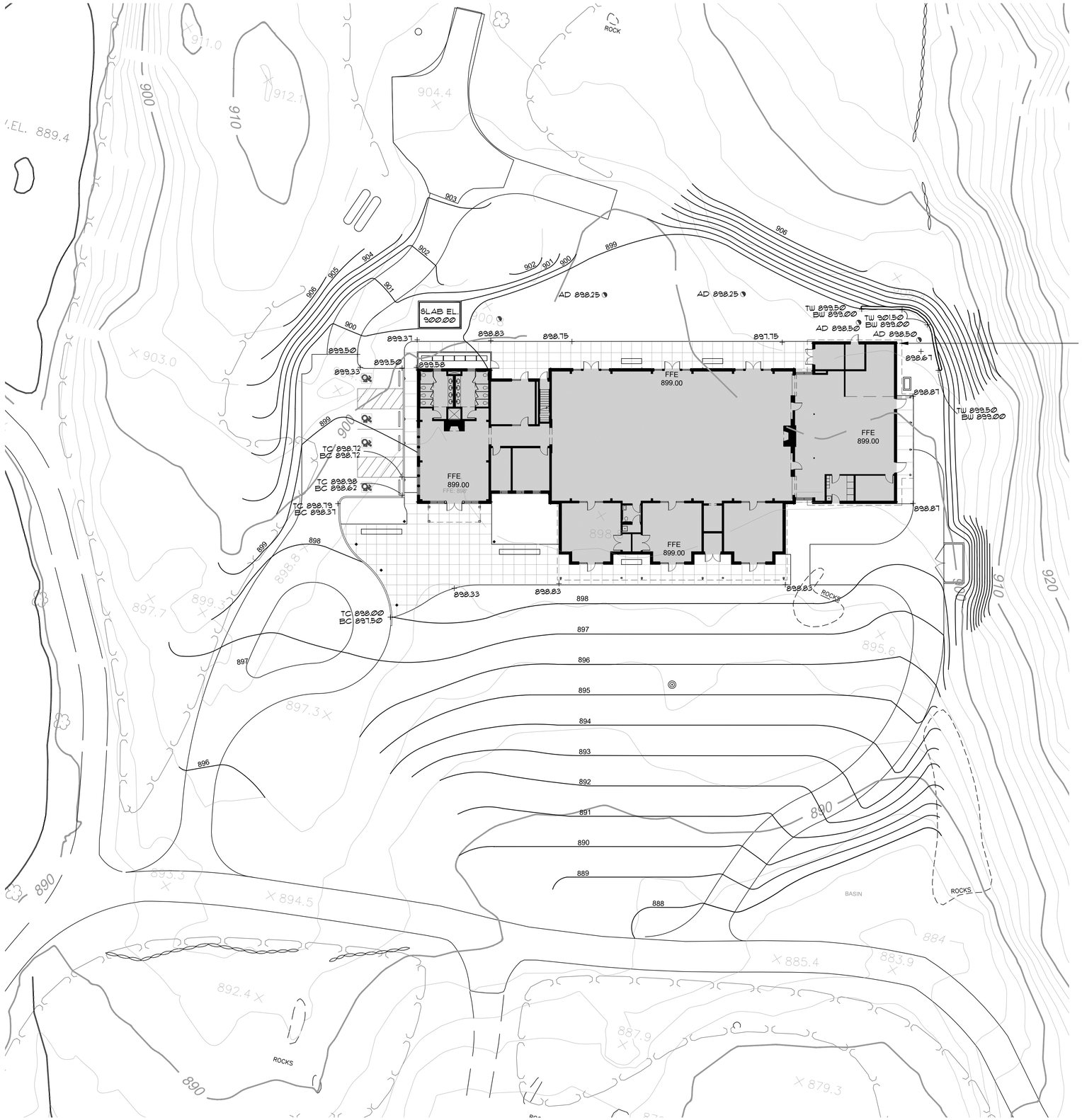


GRADING NOTES

1. REFER TO THE TOPOGRAPHIC SURVEY FOR EXISTING UTILITIES AND ELEVATIONS.
2. PREPARE SUB-GRADE ELEVATIONS TO SUFFICIENT DEPTH TO INSURE NEW IMPROVEMENTS MEET EXISTING MATERIALS SMOOTHLY, EVENLY AND TO GRADE.
3. IN ALL CASES, PAVEMENTS SHALL BE PITCHED TO AWAY FROM BUILDING AND IN A MANNER THAT PREVENTS PONDING AND PUDDLING. CONTRACTOR SHALL PERFORM A DRAINAGE TEST OF ALL PAVEMENTS TO INSURE POSITIVE DRAINAGE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AS REQUIRED TO MAINTAIN ALL TRENCHES AND EXCAVATIONS FREE FROM WATER DURING THE CONSTRUCTION OPERATIONS.
5. LOCATE NEW DRAINAGE STRUCTURES AT TRUE LOW POINT OF THEIR RESPECTIVE AREAS AS DETERMINED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE.
6. ALL NEW PAVEMENTS SHALL MEET EXISTING FLUSH.
7. ALL PEDESTRIAN PATHS LONGITUDINAL PITCH IS NOT TO EXCEED 5% UNLESS OTHERWISE INDICATED AND CROSS PITCH NOT TO EXCEED 2% UNLESS OTHER WISE INDICATED
8. SLOPE CONSTRUCTION:
   - THE EXISTING SURFACE SHALL BE CLEARED OF ALL VEGETATION AND TOPSOIL.
   - THE EXPOSED SUB-GRADE SHALL BE PROOF ROLLED AND INSPECTED BY GEO-TECH ENGINEER PRIOR TO PLACING NEW COMPACTED FILL.
   - THE NEW FILL CAN BE ON SITE SOILS PLACED IN 1 FOOT LAYERS AND COMPACTED W/ A VIBRATORY ROLLER TO 92% MAXIMUM MODIFIED DENSITY ASTM D-1557.
   - THE NEW FILL SHALL BE BENCHED INTO THE EXISTING SLOPE , THE BENCHES SHALL BE 1-2 FEET WIDE.

NOTE:
THE CONTRACTOR IS RESPONSIBLE TO BRING THE PROJECT GRADE TO THE FINISH GRADES SHOWN ON THE PLAN. IF IMPORTED FILL IS REQUIRED IT IS THE RESPONSIBILITY OF THE CONTRACTOR AS PART OF THIS CONTRACT TO PURCHASE, DELIVER AND INSTALL CLEAN FILL APPROVED BY A NY STATE PROFESSIONAL ENGINEER AND/OR BY THE GEO-TECH ENGINEER & AS DESCRIBED IN SPECIFICATION DIVISION 312000 EARTHWORK, ITEM 2.01 SOIL MATERIALS.

NOTE:
THIS PROJECT IS INTENDED TO ACHIEVE BALANCED CUT & FILL SITE. THE CONTRACTOR SHALL STORE CRUSH & SCREEN ALL EXCAVATED MATERIAL TO BE USED FOR FILL AS DIRECTED BY THE GEO-TECH ENGINEER. THE CONTRACTOR SHALL STRIP SCREEN & STORE TOPSOIL TO SPREAD DURING GRADING OPERATIONS. THE CONTRACTOR SHALL PERFORM CUT & FILL CALCULATIONS TO DETERMINE IF ADJUSTMENTS NEED TO BE MADE TO THE GRADING PLAN IN ORDER TO ACHIEVE A BALANCED SITE. THE LANDSCAPE ARCHITECT WILL MAKE REVISIONS TO THE GRADING PLAN AS NEEDED BASED ON THE CONTRACTOR'S CALCULATIONS.

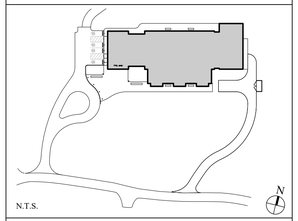
NOTE:
THE CONTRACTOR MAY CRUSH AND SCREEN EXCAVATED ROCK ONSITE AND USE CRUSHED MATERIAL PER SPECS FOR GENERAL FILL, BUILDING SLAB BASE, UTILITY TRENCHES BEDDING ETC.

LEGEND

215	EXIST. CONTOUR
215	PROPOSED CONTOUR
+215.13	SPOT ELEVATION
+TW	TOP OF WALL
+BW	BOTTOM OF WALL
	CATCH BASIN
	AREA DRAIN
S	EXISTING SANITARY SEWER MANHOLE
D	EXISTING STORM DRAINAGE MANHOLE

0 5' 10' 20' 40'
1" = 20'-0"

KEY PLAN



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HOLMES, NY 12531

Drawing Title

GRADING PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	RW
CHK BY:	RW
DWG No:	L-300
CADD FILE No:	

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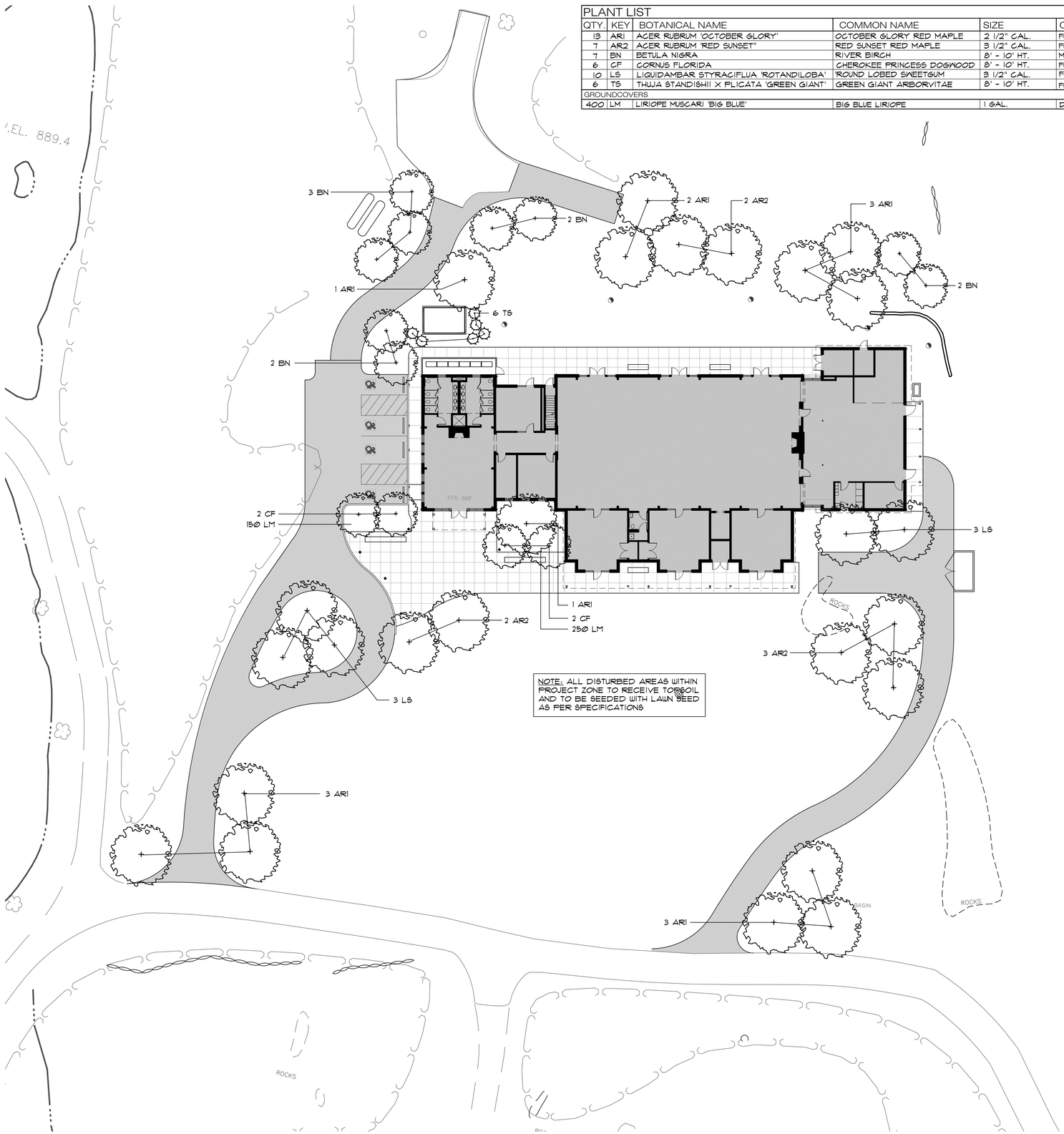
PLANT LIST

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
13	AR1	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2" CAL.	FULL, SYMM., HEAD WITH SINGLE LEADER
7	AR2	ACER RUBRUM 'RED SUNSET"	RED SUNSET RED MAPLE	3 1/2" CAL.	FULL, SYMM., HEAD WITH SINGLE LEADER
7	BN	BETULA NIGRA	RIVER BIRCH	8' - 10' HT.	MULTI-STEM, THREE STEMS MIN.
6	CF	CORNUS FLORIDA	CHEROKEE PRINCESS DOGWOOD	8' - 10' HT.	FULL, SYMM., HEAD WITH SINGLE LEADER
10	LS	LIQUIDAMBAR STYRACIFLUA 'ROTANDILOBA'	'ROUND LOBED SWEETGUM	3 1/2" CAL.	FULL, SYMM., HEAD WITH SINGLE LEADER
6	TS	THUJA STANDISHII X PLICATA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	8' - 10' HT.	FULL, SYMM., HEAD WITH SINGLE LEADER
GROUNDCOVERS					
400	LM	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	1 GAL.	DENSE, FULL, VIGOROUS, PLANT 18" O.C.



NOTE: ALL DISTURBED AREAS WITHIN PROJECT ZONE TO RECEIVE TOPSOIL AND TO BE SEEDED WITH LAWN SEED AS PER SPECIFICATIONS

PLANTING NOTES

1. ALL PLANT MATERIAL SHALL CONFORM TO THE REQUIREMENTS AS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN, LATEST EDITION.
2. ALL PLANT MATERIAL SHALL BE VIGOROUS AND FREE OF INJURY, INSECTS OR DEFECTS. PLANT MATERIAL SHALL BE STOCK FROM A RECOGNIZED NURSERY WITHIN THE NORTHEAST AND MID-ATLANTIC REGIONS.
3. ALL PLANTS TO BE SELECTED AND TAGGED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
4. CONTRACTOR SHALL VERIFY QUANTITIES AS SHOWN ON THE CONTRACT DRAWINGS. IF A DISCREPANCY EXISTS BETWEEN THE PLANT COUNT AS SHOWN ON THE PLANT LIST AND THE PLANTING PLAN(S), THE PLAN(S) SHALL TAKE PRECEDENCE.
5. THE LANDSCAPE ARCHITECT MAY REJECT ANY MATERIAL WHICH DOES NOT REFRESENT SPECIES AS OUTLINED IN THE PLANT LIST.
6. NO SUBSTITUTION WILL BE MADE UNLESS AUTHORIZED BY THE LANDSCAPE ARCHITECT.
7. ALL TREES SHALL BE PLANTED SO THAT THE ROOT FLARE IS 1" - 2" ABOVE FINISHED GRADE. CONTRACTOR SHALL VERIFY ROOT FLARE PRIOR TO PLANTING. REMOVE EXCESS SOIL OVER BALL AS REQUIRED TO EXPOSE THE ROOT FLARE ONLY AS DIRECTED BY THE LANDSCAPE ARCHITECT.
8. ALL TREE PITS AND ENTIRE SHRUB/PERENNIAL BEDS TO RECEIVE 2" LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH. MULCH SHALL NOT COME IN DIRECT CONTACT WITH TREE TRUNKS.
9. PLANTED AREAS SHALL BE WATERED BY THE CONTRACTOR WHEN RAINFALL IS LESS THAN 1" PER WEEK AND PERIODS OF EXCESSIVE HEAT. SHRUBS SHALL RECEIVE 3-5 GALLONS PER PLANT AND TREES 7-10 GALLONS PER INCH OF CALIPER PER WEEK OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.
10. TREES SHALL BE GUYED OR STAKED AS INDICATED ON THE DRAWING. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL GUYING/STAKING FOR A PERIOD OF A YEAR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL GUYING/STAKING AFTER THIS PERIOD UPON DIRECTION OF THE OWNER'S REPRESENTATIVE.
11. ALL LAWN AREAS SHALL BE SODDED. SEE SPECIFICATIONS FOR TURF TYPE.
12. ALL PLANTING BEDS TO BE MULCHED WITH 2 INCHES OF CEDAR BARK MULCH.

NOTE: ALL TREES SHALL BE TAGGED AT THE NURSERIES WHILE STILL IN THE GROUND PRIOR TO DIGGING. THE CONTRACTOR SHALL PURCHASE LANDSCAPE MATERIALS AT NURSERIES WITHIN ONE HUNDRED AND FIFTY (150) MILES FROM THE PROJECT SITE ALLOWING THE LANDSCAPE ARCHITECT TO TRAVEL TO THE NURSERIES TO TAG THE TREES. THE CONTRACTOR SHALL OBTAIN THE NURSERIES DIGGING SEASONS SCHEDULE AS SOON AS POSSIBLE SO TAGGING TRIPS CAN BE SCHEDULED WHILE THE TREES ARE STILL IN THE GROUND.

NOTE: CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING TOPSOIL QUANTITIES AS SHOWN ON THE PLANS AND DETAILS. IF TOPSOIL IS REQUIRED IN ADDITION TO SITE STOCKPILED TOPSOIL IT SHALL BE IMPORTED BY THE CONTRACTOR AS PART OF THIS CONTRACT IN ACCORDANCE WITH THE SPECIFICATIONS.

LEGEND

PROPOSED SHADE TREE

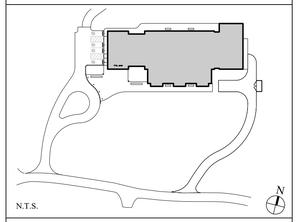
PROPOSED UNDER STORY OR DECORATIVE TREE

PROPOSED EVERGREEN TREE

0 5' 10' 20' 40'

1" = 20'-0"

KEY PLAN



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GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

PLANTING PLAN

Seal & Signature

Date:	06/21/2021
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DRAWN BY:	RW
CHK BY:	RW
DWG No:	L-400
CADD FILE No:	

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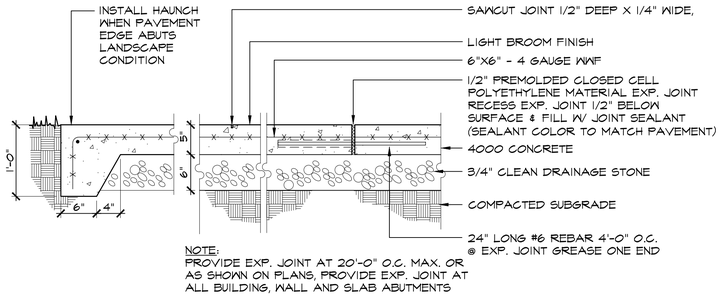
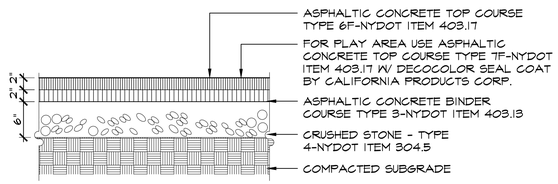


NOTE:
PROVIDE EXP. JOINT AT 20'-0" O.C. MAX. OR AS SHOWN ON PLANS, PROVIDE EXP. JOINT AT ALL BUILDING, WALL AND SLAB ABUTMENTS

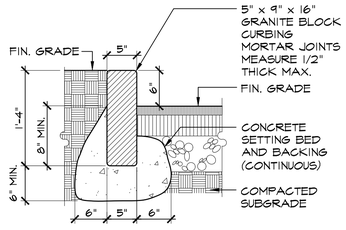
1 CONCRETE PAVEMENT

SCALE: 1" = 1'-0"



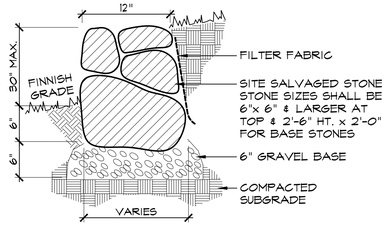
2 FULL DEPTH ASPHALT PAVEMENT

SCALE: 1" = 1'-0"



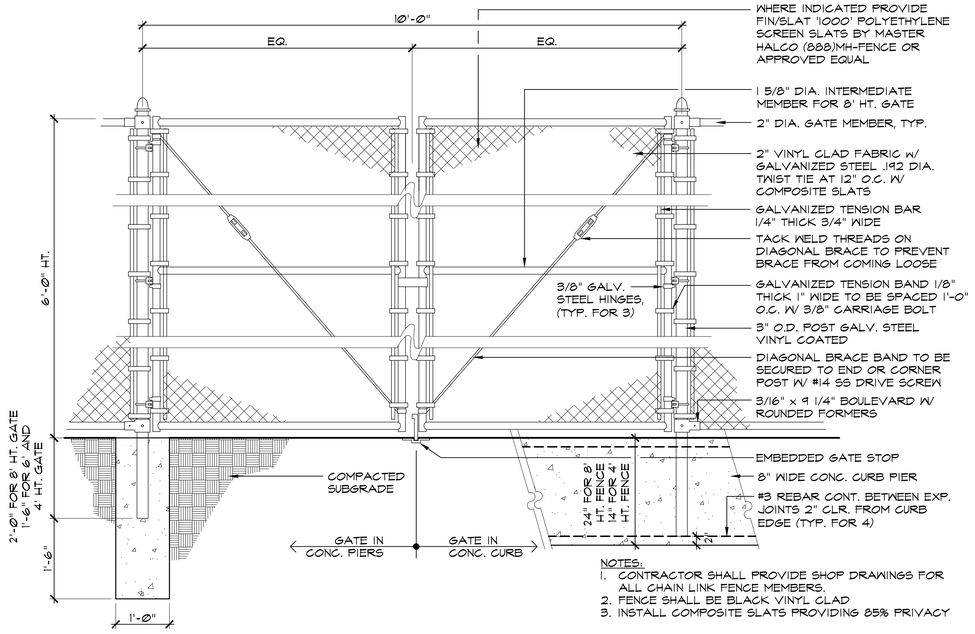
3 GRANITE BLOCK CURB

SCALE: 3" = 1'-0"



4 BOULDER WALL

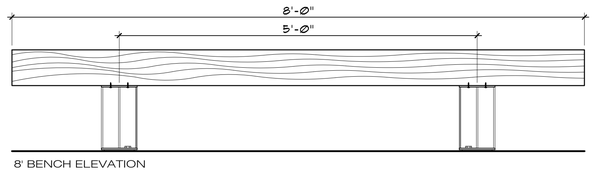
SCALE: 1" = 1'-0"



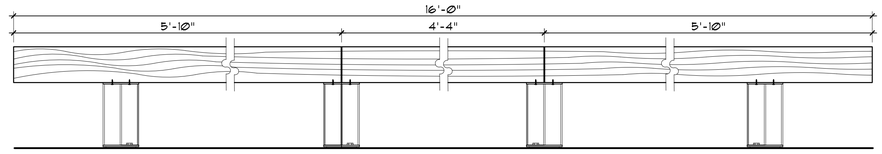
NOTES:
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL CHAIN LINK FENCE MEMBERS.
2. FENCE SHALL BE BLACK VINYL CLAD
3. INSTALL COMPOSITE SLATS PROVIDING 85% PRIVACY

5 CHAIN LINK FENCE & DOUBLE GATE

SCALE: 3/4" = 1'-0"

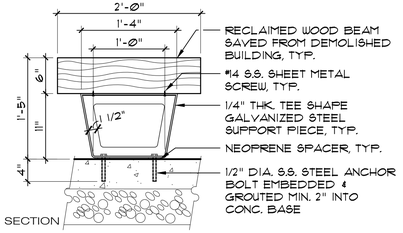


8' BENCH ELEVATION



16' BENCH ELEVATION

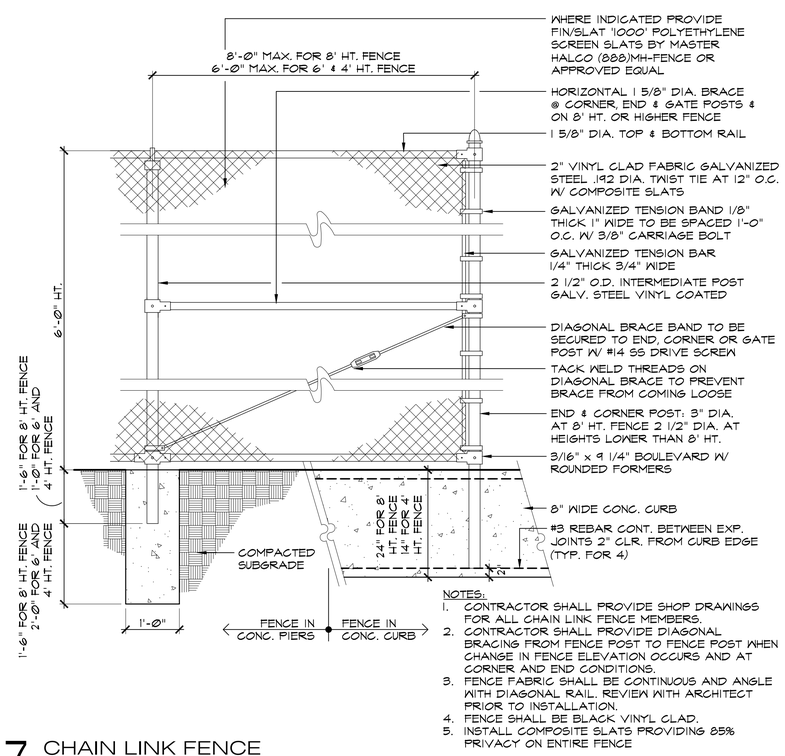
NOTES:
1. ALL STEEL SUPPORT PCS. TO BE GALVANIZED STEEL
2. ALL HARDWARE TO BE STAINLESS STEEL
3. WOOD FOR BENCH SHALL BE RECLAIMED BEAMS FROM DEMOLISHED BUILDING GRIND SMOOTH & STAINED W/ ARBORCOAT BY BENJAMIN MOORE.
4. BENCH TO BE FABRICATED BY CUSTOM FABRICATIONS (607)693-3223 x30 kmkillmeier@gmail.com



SECTION

6 WOOD & STEEL BENCH

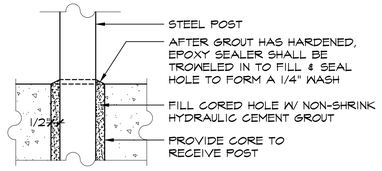
SCALE: 1" = 1'-0"



NOTES:
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL CHAIN LINK FENCE MEMBERS.
2. CONTRACTOR SHALL PROVIDE DIAGONAL BRACING FROM FENCE POST TO FENCE POST WHEN CHANGE IN FENCE ELEVATION OCCURS AND AT CORNER AND END CONDITIONS.
3. FENCE FABRIC SHALL BE CONTINUOUS AND ANGLE WITH DIAGONAL RAIL. REVIEW WITH ARCHITECT PRIOR TO INSTALLATION.
4. FENCE SHALL BE BLACK VINYL CLAD.
5. INSTALL COMPOSITE SLATS PROVIDING 85% PRIVACY ON ENTIRE FENCE

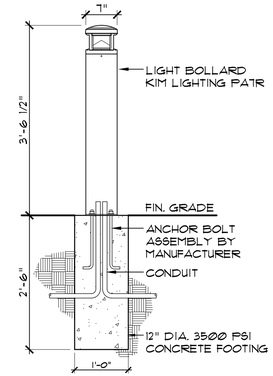
7 CHAIN LINK FENCE

SCALE: 3/4" = 1'-0"



8 POST EMBEDMENT

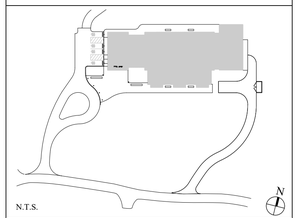
SCALE: 3" = 1'-0"



9 LIGHT BOLLARD

SCALE: 3/4" = 1'-0"

KEY PLAN



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SITE DETAILS

Seal & Signature

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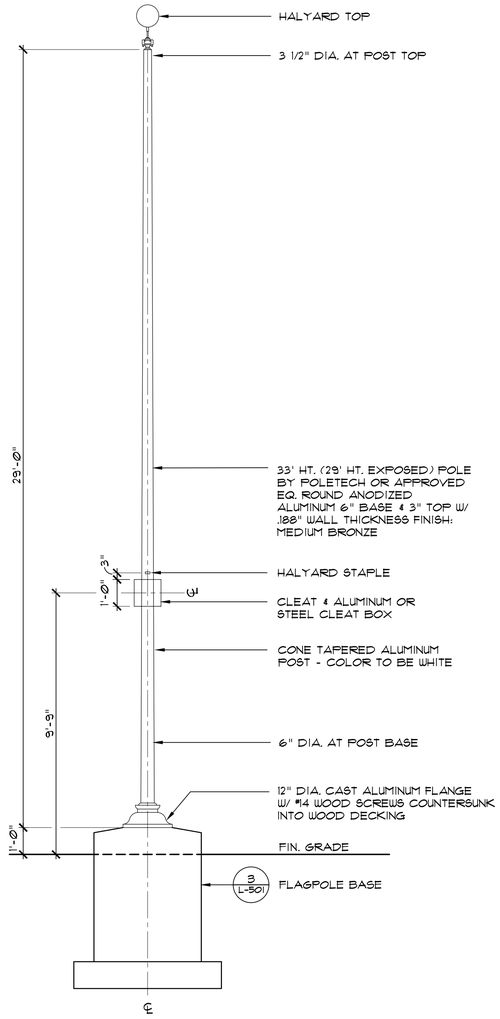
L-500

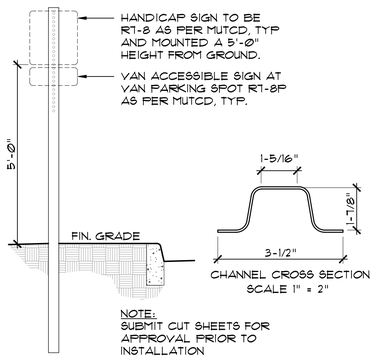
CADD FILE No:

W:\2005 Girl Scouts of Greater NY



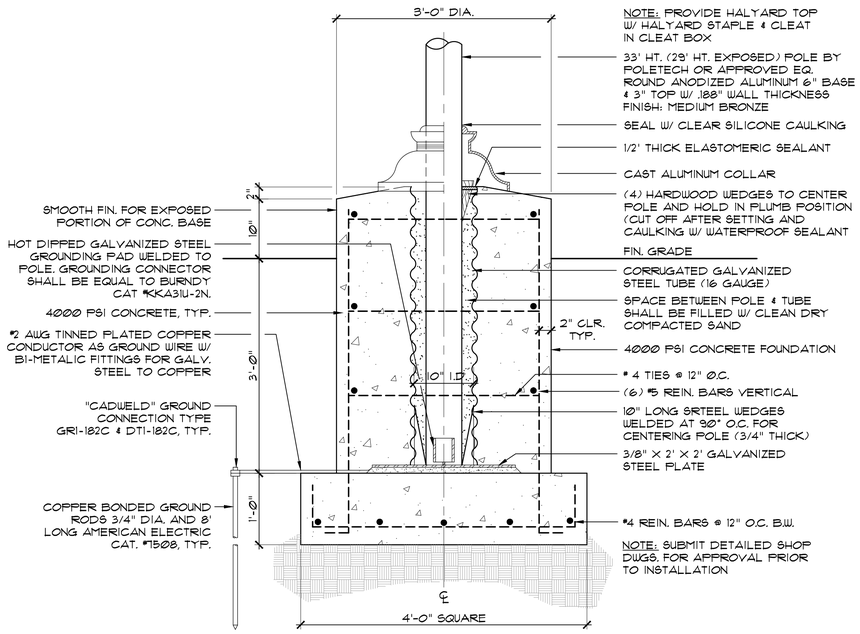
1 FLAGPOLE

SCALE: 3/8" = 1'-0"



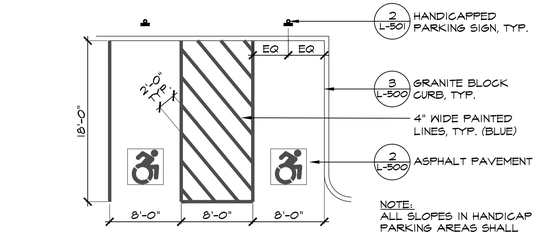
2 HANDICAP PARKING SIGN

SCALE: 1/2" = 1'-0"



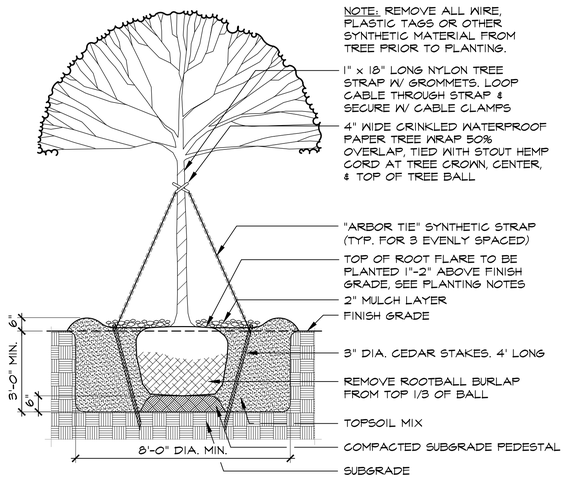
3 FLAGPOLE BASE

SCALE: 1" = 1'-0"



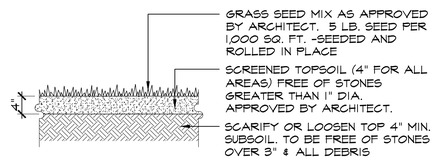
4 HANDICAP PARKING STRIPING

SCALE: 3/8" = 1'-0"



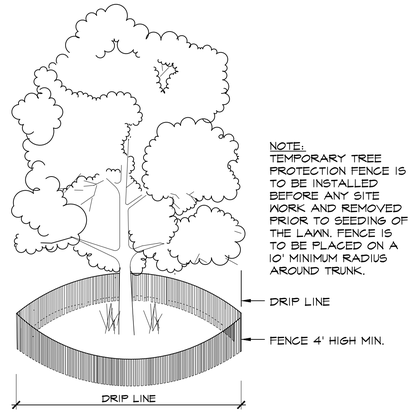
5 TREE PLANTING

NOT TO SCALE



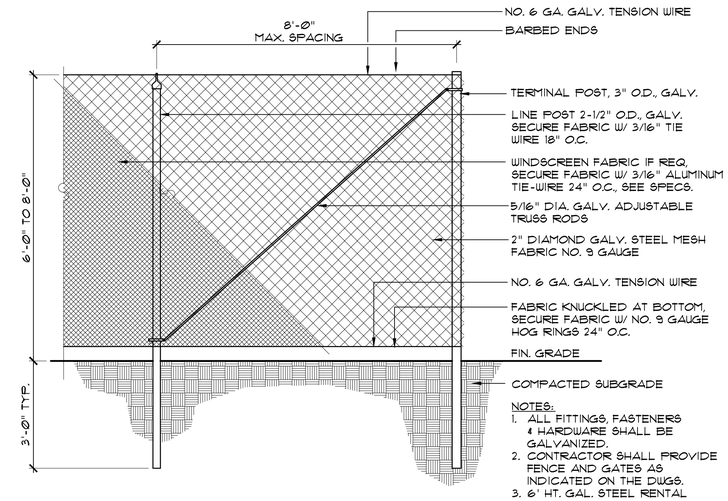
6 SEEDED LAWN

NOT TO SCALE



7 TREE PROTECTION

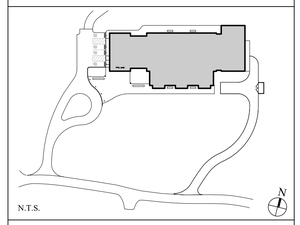
NOT TO SCALE



8 CONSTRUCTION FENCE

SCALE: 1/2" = 1'-0"

KEY PLAN



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SITE DETAILS

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DWG No:	L-501
CADD FILE No:	

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APPLICABLE CODES:
2020 NYSBC / 2021 IBC, 2017 UNIFORM CODE SUPPLEMENT, 2015 ICC FAMILY OF CODES WITH 2017 NYS AMENDMENTS

OCCUPANCY GROUP
A-2, E

FIRE PROTECTION SYSTEM
BUILDING-WIDE AUTOMATIC SPRINKLER SYSTEM AS PER SECTION 903.3.1.1

ALLOWABLE HEIGHT AND AREA (2020 NYCBC TABLE 504.3)
1-STORY BUILDING: CONSTRUCTION TYPE III B AND MIXED OCCUPANCY GROUP:
ALLOWABLE HEIGHT 65'
PROPOSED HEIGHT 39'-6" - OK

BUILDING AREA (TOTAL): 13,712 SF GROSS

FIRST FLOOR: 12,303 SF
SECOND FLOOR: 1,409 SF (MECHANICAL ONLY)

REQUIREMENTS FOR FIRE RESISTIVE CONSTRUCTION IIB

ELEMENT OR SPACE	FIRE RATING	
EXTERIOR BEARING WALLS	0	
EXTERIOR NON-BEARING WALLS	0	
FLOOR CONSTRUCT. (INCL. BEAMS)	0	
ROOF CONSTRUCT. (INCL. BEAMS)	0	
VERTICAL EXIT ENCLOSURES	1	(SEC.707, SEC. 1023.1)
CORRIDORS	0	(SEC. 1020.1)
SHAFT ENCLOSURES	1	(SEC. 707, SECTION 713.4)
FURNACE ROOM, BOILER ROOM	1	(SPRINKLERED, SMOKE TIGHT, SEC. 509, NYSED 5104-2 (b) (e))
ELECTRICAL ROOMS	1	(SPRINKLERED, SMOKE TIGHT, SEC. 509, NYSED 5104-2 (b) (e))

OCCUPANT LOAD (SEC. 1004, SEC. 1006.3.1)

OCCUPANT LOADS TO BE POSTED (SECTION 1004.3)

OCCUPANCY CALCULATIONS				EXITS	
LOWER LEVEL	SF	LOAD	# OCCUPANTS	REQ'D	PROVIDE
101 LOBBY	617 + 199	1:5 + 1/30	131	2	5
105 OFFICE	135	1:100	2	1	1
106 INSTRUCTIONAL	250	1:20	13	1	1
107 DINING ROOM	4838	1:15	323	2	4
108 INSTRUCTIONAL	511	1:20	26	1	1
111 INSTRUCTIONAL	511	1:20	26	1	1
113 INSTRUCTIONAL	511	1:20	26	1	1
115 KITCHEN	1964	1:200	10	1	1
116 LAUNDRY	113	1:200	1	1	1
117 PANTRY	323	1:20	17	1	1
120 ELECTRICAL	76	1:300	1	1	1
121 MECHANICAL	115	1:300	1	1	1
122 INSTRUCTIONAL	298	1:20	15	1	1
TOTAL (LOWER)			582		
UPPER LEVEL					
201/202 MECHANICAL	981	1:300	4	1	1
201A MECHANICAL	88	1:300	1	1	1
203 STORAGE	340	1:300	2	1	1
TOTAL (UPPER)			7		
GRAND TOTAL			589		

EXIT WIDTH

	LOWER LEVEL	UPPER LEVEL	TOTAL
OCCUPANT LOAD	582	7	715
NUMBER OF EXITS REQ'D	4	1	
NUMBER OF EXITS PROPOSED	7	1	
EGRESS WIDTH REQUIRED	6.21 x .2 = 118.4"	7 x .2 = 1.4"	
EGRESS WIDTH PROPOSED	472"	36"	

ANALYSIS:

LOWER LEVEL:

LOBBY: 131 X 0.2" = 26.2"
26.2" / 2 = 13.1" PER EXIT REQUIRED
PROVIDED: 2 EXITS @ 6'-8" (6'-7" CLR) WIDE EACH

DINING HALL: 323 X 0.2 = 125.4"
62.8" / 2 = 31.4" PER EXIT REQUIRED
PROVIDED: 4 @ 6'-8" (6'-7" CLR) WIDE

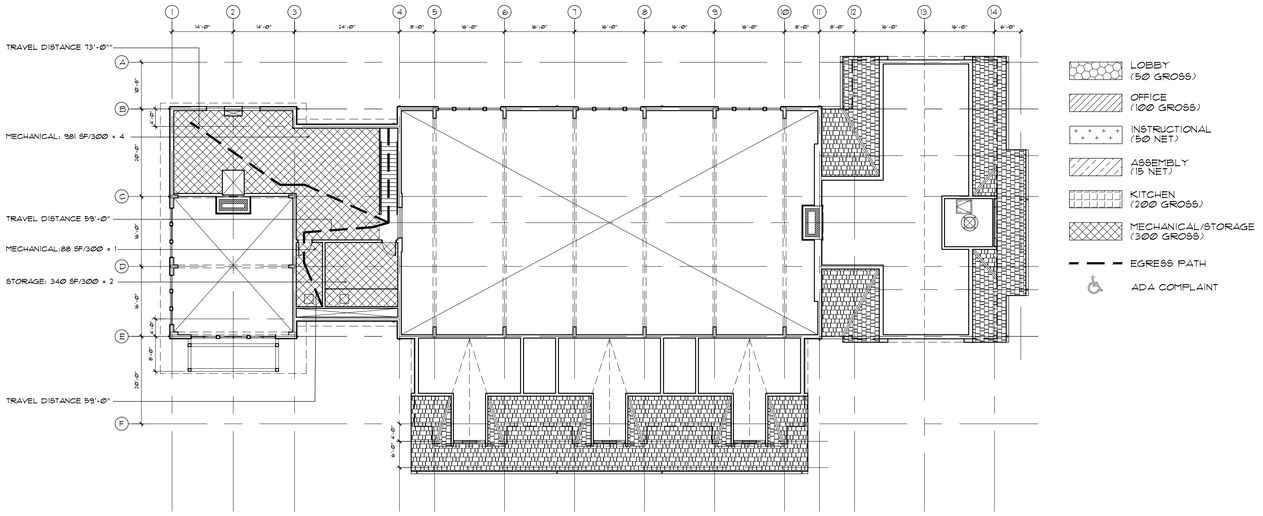
NOTE: SEE PLANS AND ABOVE TABLE FOR BREAKDOWN

	LOWER LEVEL	UPPER LEVEL
MIN. EXIT DOOR WIDTH REQ'D (SECTION 1008.1.1)	32"	32"
EXIT DOOR WIDTH PROPOSED	36" - 80"	36"
MIN. EXIT STAIR WIDTH REQ'D (SECTION 1009.1.1)	N/A	44"
EXIT STAIR WIDTH PROPOSED	N/A	48"
MIN. EXIT RAMP WIDTH REQ'D (SECTION 1012)	N/A	N/A

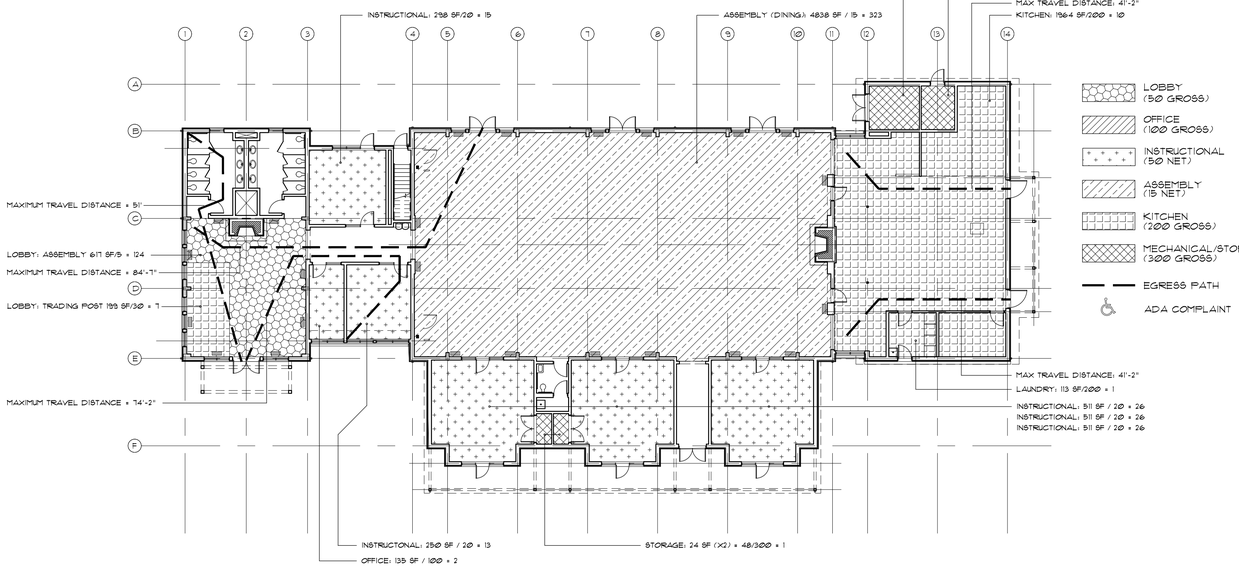
MIN. WIDTH OF EXIT ACCESS CORRIDOR (SECTION 1020.2)
REQ'D: 44" PROPOSED: N/A

MAX. TRAVEL DISTANCE ALLOWED (TABLE 1017.2)
250 FT

ACCESSIBLE MEANS OF EGRESS
EXCEPTIONS: BUILDING SPRINKLERED THROUGHOUT
(SECTION, 1009.1, 1009.3)

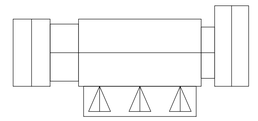


2 UPPER LEVEL PLAN
Scale:1/16" = 1'-0"



1 LOWER LEVEL PLAN
Scale:1/16" = 1'-0"

KEY PLAN



N.T.S.

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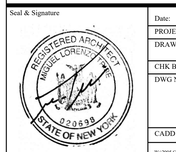

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CHK BY: NL
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CADD FILE No:
W:\2005 Girl Scouts of Greater NY

PLUMBING FIXTURE CLACULATIONS

MINIMUM NUMBER OF FIXTURES AS PER PLUMBING CODE TABLE 403.1

	WATER CLOSETS MALE	WATER CLOSETS FEMALE	LAVATORIES MALE	LAVATORIES FEMALE	DRINKING FOUNTAIN	OTHER
A-3	PER 125	1 PER 65	1 PER 200	1 PER 200	PER 500	1 SERVICE SINK

TOTAL OCCUPANT LOAD: 1,067 (PER PLUMBING CODE 403.3 NUMBER OF OCCUPANTS OF EACH SEX. THE OCCUPANT LOAD SHALL BE COMPOSED OF 50 PERCENT OF EACH SEX.)

WATER CLOSET	REQUIRED	PROPOSED
MALE (300)	300 / 75 = 4	1 (ADA) + 3 (W.C.) = 4 = 4 - OK
FEMALE (300)	300 / 75 = 4	1 (ADA) + 3 (W.C.) = 4 = 4 - OK
UNISEX	1 PROVIDED	
LAVATORIES	REQUIRED	PROPOSED
MALE (300)	300 / 200 = 2	3 (ADA) =3 > 2 OK
FEMALE (300)	300 / 200 = 2	3 (ADA) =3 > 2 OK
DRINKING FOUNTAIN	1 / 500 = 2	2 (ADA) =2 =2 OK
SERVICE SINK	1	1 =1 =1 OK

DOORWAY REQUIREMENTS

4.13 DOORS

4.13.1 GENERAL. DOORS TO ACCESSIBLE SPACES AND ELEMENTS AND ALONG ACCESSIBLE ROUTES SHALL COMPLY WITH THE REQUIREMENTS OF 4.13.

4.13.2 REVOLVING DOORS AND TURNSTILES. REVOLVING DOORS OR TURNSTILES SHALL COMPLY WITH 4.13 OR SHALL NOT BE THE ONLY MEANS OF PASSAGE AT AN ACCESSIBLE ENTRANCE OR ALONG AN ACCESSIBLE ROUTE.

4.13.3 GATES. GATES, INCLUDING TICKET GATES, SHALL MEET ALL APPLICABLE SPECIFICATIONS SPECIFICATIONS OF 4.13.

4.13.4 DOUBLE-LEAF DOORWAYS. IF DOORWAYS HAVE TWO INDEPENDENTLY OPERATED DOOR LEAVES, THEN AT LEAST ONE LEAF SHALL MEET THE SPECIFICATIONS IN 4.13.5 AND 4.13.6 THAT LEAF SHALL BE AN ACTIVE LEAF.

4.13.5 CLEAR WIDTH. DOORWAYS INTENDED FOR USER PASSAGE SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN (815 MM) WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP (SEE FIG. 24(A), (B), (C), AND (D). OPENING MORE THAN 24 IN (610 MM) IN DEPTH SHALL COMPLY WITH 4.2.1 AND 4.3.3 (SEE FIG.24(E).

4.13.6 MANEUVERING CLEARANCES AT DOORS. MINIMUM MANEUVERING CLEARANCES AT DOORS THAT ARE NOT AUTOMATIC SHALL AS SHOWN IN FIG. 25. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR. ENTRY DOORS TO ACUTE CARE HOSPITAL BEDROOMS FOR INPATIENTS SHALL BE EXEMPT FROM THE REQUIREMENT FOR SPACE AT THE LATCH SIDE OF THE DOOR (SEE DIMENSION X IN FIG. 25) IF THE DOOR IS AT LEAST 44 IN(1120 MM.) WIDE. THE MINIMUM SPACE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES SHALL BE 48.

4.13.7 TWO DOORS IN SERIES. IN (1220 MM) PLUS THE WIDTH OF ANY DOOR SWINGING INTO THE SPACE. DOOR IN SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS. (SEE FIG. 26)

4.13.8 THRESHOLDS AT DOORWAYS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 IN (19 MM) IN HEIGHT FOR EXTERIOR RESIDENTIAL SLIDING DOORS OR 1/2 IN (13 MM) FOR OTHER TYPES OF DOORS . RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOOR- WAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (SEE 4.5.2).

4.13.8* THRESHOLDS AT DOORWAYS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 IN (19 MM) IN HEIGHT FOR EXTERIOR RESIDENTIAL SLIDING DOORS OR 1/2 IN (13 MM) FOR OTHER TYPES OF DOORS . RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOOR- WAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (SEE 4.5.2).

4.13.9* DOOR HARDWARE. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. THEY SHALL BE MOUNTED WITHIN REACH RANGES SPECIFIED IN 4.2 LEVER MACHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. IN DWELLING UNITS, ONLY DOORS AT ACCESSIBLE ENTRANCES TO THE UNIT ITSELF SHALL COMPLY WITH THE REQUIREMENTS OF THIS PARAGRAPH. DOORS TO HAZARDOUS AREAS SHALL HAVE HARDWARE COMPLYING WITH 4.27.3

4.13.10* DOOR CLOSERS. THRESHOLDS IF THE DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO AN OPEN POSITION OF APPROXIMATELY 12 DEGREES.

4.13.11* DOOR-OPENING FORCE. THE MAXIMUM FORCE, EXPRESSED IN POUNDS-FORCE (LBF) AND NEWTONS (N), FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

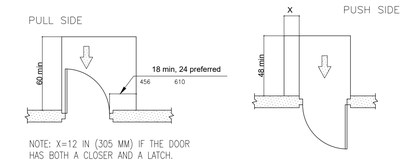
(1) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.

(2) OTHER DOORS:
- (A) EXTERIOR HINGED DOORS: 8.5 LBF (37.8 N)
- (B) INTERIOR HINGED DOORS: 5. LBF (22.2 N)
- (C) SLIDING AND FOLDING DOORS: 5. LBF (22.2 N)

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHRE DEVICES THAT MAY HOLD THE DOOR IN CLOSED POSITION.

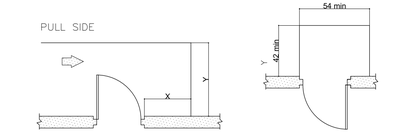
4.13.12 AUTOMATIC DOORS. IF AN AUTOMATIC DOOR IS USED, IT SHALL COMPLY WITH ANSI / BHMA A 156.10-1985.

4.13.13 POWER-ASSISTED DOORS AND LOW-ENERGY POWER-OPERATED DOORS. POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19-1984. SUCH DOORS SHALL NOT OPEN TO BACK CHECK FASTER THAN 3 SECONDS AND SHALLREQUIRE NO MORE THAN 15 LBF (66.6 N) TO STOP DOOR MOVEMENT.



NOTE: X=12 IN (305 MM) IF THE DOOR HAS BOTH A CLOSER AND A LATCH.

(A) FRONT APPROACHES-SWINGING DOORS

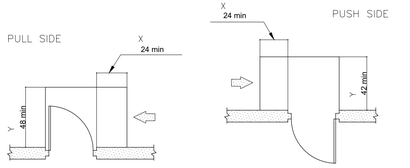


NOTE: X=36 IN (915 MM) MINIMUM IF Y=60 IN (1525 MM); X=42 IN (1065 MM) MINIMUM IF Y=54 IN (1370 MM).

BOTH A LATCH AND A CLOSER

(B) HINGE-SIDE APPROACHES-SWINGING DOORS

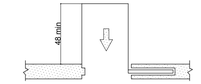
NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEANCES FOR FRONT APPROACHES.



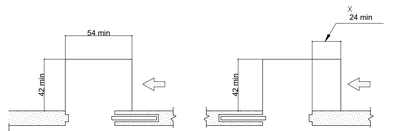
NOTE: Y = 54 IN (1370 MM) MINIMUM IF THE DOOR HAS A CLOSER.

NOTE: Y = 48 IN (1220 MM) MINIMUM IF THE DOOR HAS A CLOSER.

(C) LATCH-SIDE APPROACHES-SWINGING DOORS



(D) FRONT APPROACH-SLIDING DOORS AND FOLDING DOORS



(E) SLIDE-SIDE APPROACH-SLIDING DOORS AND FOLDING DOORS

(F) LATCH-SIDE APPROACH-SLIDING DOORS AND FOLDING DOORS

NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

FIG. 25
MANEUVERING CLEARANCES AT DOORS

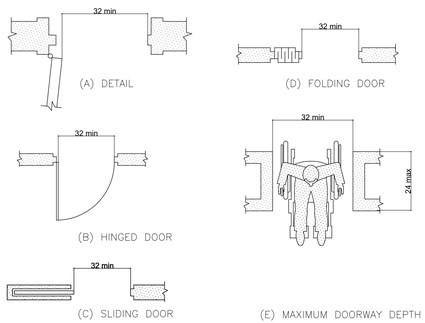


FIG. 24
CLEAR DOORWAY WIDTH AND DEPTH

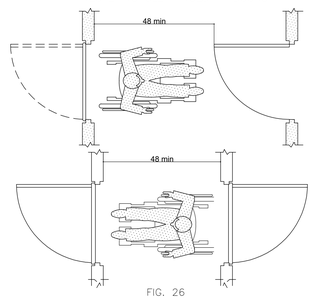
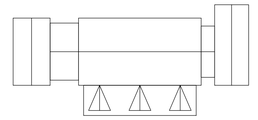


FIG. 26
TWO HINGED DOORS IN SERIES

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR DOB REVIEW / PERMIT

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Project Title

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GIRL SCOUTS OF
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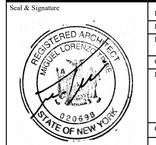
Drawing Title

CODE ANALYSIS
ICC / ANSI A-117.1
PLUMBING FIXTURE TABLE

Seal & Signature



Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, NL
CHK BY:	NL
DWG No:	A-002
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

GENERAL REQUIREMENTS

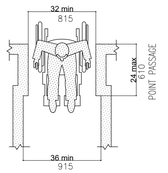


FIG. 1
MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

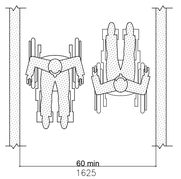
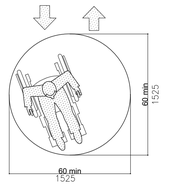
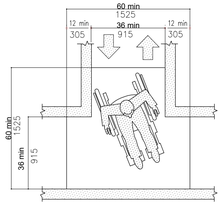


FIG. 2
MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS



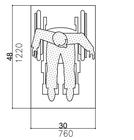
(A) 60-IN (1523-MM)-DIAMETER SPACE



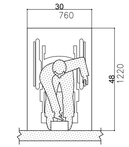
NOTE: DASHED LINES INDICATE MINIMUM LENGTH OF CLEAR SPACE REQUIRED ON EACH ARM OF THE T-SHAPED IN ORDER TO COMPLETE THE TURN.

(B) T-SHAPED SPACE FOR 180 TURNS

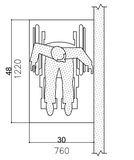
FIG. 3
WHEELCHAIR TURNING SPACE



(A) CLEAR FLOOR SPACE

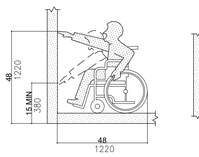


(B) FORWARD APPROACH

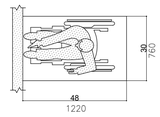


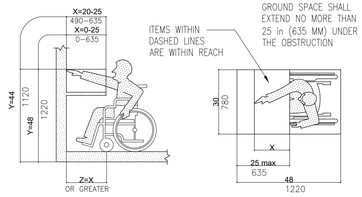
(C) PARALLEL APPROACH

FIG. 4
MINIMUM CLEAR FLOOR SPACE FOR WHEELCHAIRS



(A) FORWARD REACH LIMIT

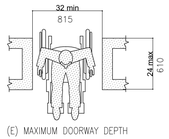




NOTE: X=REACH DISTANCE, Y=MAXIMUM HEIGHT, Z= CLEAR KNEE SPACE. Z IS THE CLEAR SPACE BELOW THE OBSTRUCTION, WHICH SHALL BE AT LEAST AS DEEP AS THE REACH DISTANCE, X.

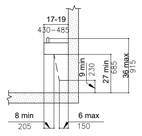
(B) MAXIMUM FORWARD REACH OVER AN OBSTRUCTION

FIG. 5
FORWARD REACH



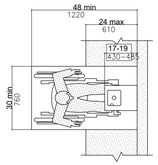
(E) MAXIMUM DOORWAY DEPTH

FIG. 24
CLEAR DOORWAY WIDTH AND DEPTH

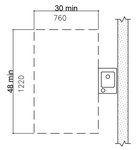


NOTE: EQUIPMENT PERMITTED WITHIN DASHED LINES IF MOUNTED BELOW APRON.

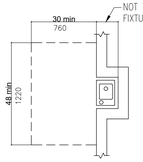
(A) SPOUT HEIGHT AND KNEE CLEARANCE



(B) CLEAR FLOOR SPACE



(C) FREE-STANDING FOUNTAIN OR COOLER



(D) BUILT-IN FOUNTAIN OR COOLER

FIG. 27
DRINKING FOUNTAINS AND WATER COOLERS

TOILET REQUIREMENTS

4.17 TOILET STALLS

4.17.1 GENERAL.
ACCESSIBLE TOILET STALL SHALL BE ON AN ACCESSIBLE ROUTE AND COMPLY WITH THE REQUIREMENTS OF 4.17.

4.17.2 WATER CLOSETS.
WATER CLOSETS IN ACCESSIBLE STALL SHALL COMPLY WITH 4.16. COMPLY WITH THE REQUIREMENTS OF 4.17.

4.17.3 SIZE AND ARRAGEMENT.
THE SIZE AND ARRANGEMENT OF TOILET STALLS SHALL COMPLY WITH EITHER FIG. 30(A) OR (B). TOILET STALLS WITH A MINIMUM DEPTH OF 56 IN (1420 MM) (SEE FIG 30(A)) OR 66 IN. (1675 MM) (SEE FIG. 30(B)) SHALL HAVE WALL-MOUNTED WATER CLOSETS. IF THE DEPTH OF TOILET STALLS IS INCREASED AT LEAST 3 IN. (75 MM), THEN A FLOOR-MOUNTED WATER CLOSET MAY BE USED. ARRANGEMENTS SHOWN FOR STALLS MAY BE RESERVED TO ALLOW EITHER A LEFT-HAND OR A RIGHT-HAND APPROACH.

4.17.4 TOE CLEARANCES.
IN STANDARD STALLS, THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF AT LEAST 9 IN. (230 MM) ABOVE THE FLOOR. IF THE DEPTH OF THE STALL IS GREATER THAN 60 IN (1525 MM), THEN THE TOE CLEARANCE IS NOT REQUIRED.

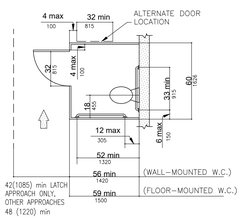
4.17.5* DOORS.
TOILET STALL DOORS SHALL COMPLY WITH 4.13, EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE STALL DOOR, THE CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION MAY BE REDUCED TO MINIMUM OF 42 IN. (1065 MM) (SEE FIG. 30).

4.17.6 GRAB BARS.
GRAB BARS COMPLYING WITH THE LENGTH AND POSITIONING SHOWN IN FIG 30(A), (B), (C), AND (D) SHALL BE PROVIDED. GRAB BARS MAY BE MOUNTED BY ANY DESIRED METHOD AS LONG AS THEY HAVE A GRIPPING SURFACE AT LOCATION SHOWN AND DO NOT OBSTRUCT THE REQUIRED CLEAR FLOOR AREA. GRAB BARS SHALL COMPLY WITH 4.24.

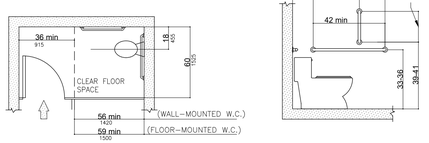
4.18.1 GENERAL.

4.18 URINALS

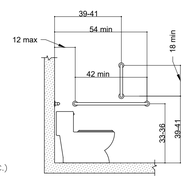
ACCESSIBLE URINALS STALL SHALL COMPLY WITH 4.18.



MIDDLE OF ROW



END OF ROW



(A) STANDARD STALLS

FIG. 30 TOILET STALLS

MISC. REQUIREMENTS

4.23 STORAGE.

4.23.1 GENERAL.
ACCESSIBLE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS SHALL COMPLY WITH 4.23.

4.23.2 CLEAR FLOOR SPACE.
A CLEAR FLOOR SPACE AT LEAST 30 IN. BY 48 IN. (760 MM BY 1220 MM) COMPLYING WITH 4.2.4 THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCAHIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE FACILITIES.

4.23.3 HEIGHT.
ACCESSIBLE STORAGE SPACES SHALL BE WITHIN AT LEAST ONE OF THE REACH RANGES SPECIFIED IN 4.2.5. AND 4.2.6. CLOTHES RODS SHALL BE A MAXIMUM OF 54 IN. (1370 MM) FROM THE FLOOR (SEE FIG. 38).

4.23.4 HARDWARE.
HARDEWARE FOR ACCESSIBLE STORAGE FACILITIES SHALL COMPLY WITH 4.25.4. TOUCH LATCHES AND U-SHAPED PULLS ARE ACCEPTABLE.

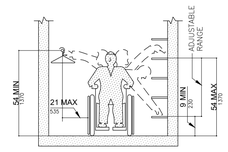
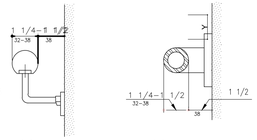


FIG. 38
STORAGE SHELVES AND CLOSETS

4.24 GRAB BARS, AND TUB AND SHOWER SEAT.

4.24.1 GENERAL.
ALL GRAB BARS AND TUB AND SHOWER SEATS IN ACCESSIBLE TOILET OR BATHING FACILITIES SHALL COMPLY WITH 4.24.

4.24.2 SIZE AND SPACING OF GRAB BARS.
THE DIAMETER IR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1 1/4 IN. TO 1 1/2 IN. (32 MM TO 38 MM), OT THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 IN. (38 MM) (SEE FIG. 39(E).



(A) HANDRAIL (E) GRAB BAR

FIG. 39
SIZE AND SPACING OF HANDRAILS AND GRAB BARS

4.32.4.2 WATER CLOSETS

4.32.4.2 GENERAL.
ACCESSIBLE WATER CLOSETS SHALL COMPLY WITH 4.16. FOR WATER CLOSETS IN DWELLING UNITS, SEE 4.32.4.2

(1). CLEAR FLOOR SPACE.
CLEAR FLOOR SPACE AT THE WATER CLOSETS SHALL BE AS SHOWN IN FIG. 47 (A). THE WATER CLOSET MAY BE LOCATED WITH THE CLEAR AREA AT EITHER THE RIGHT OR LEFT SIDE OF THE TOILET.

(2). HEIGHT.
THE HEIGHT OF WATER CLOSETS SHALL BE AT LEAST 15 IN (380 MM) AND NO MORE THAN 19 IN.(485MM), MEASURED TO THE TOP OF THE TOILET SEAT.

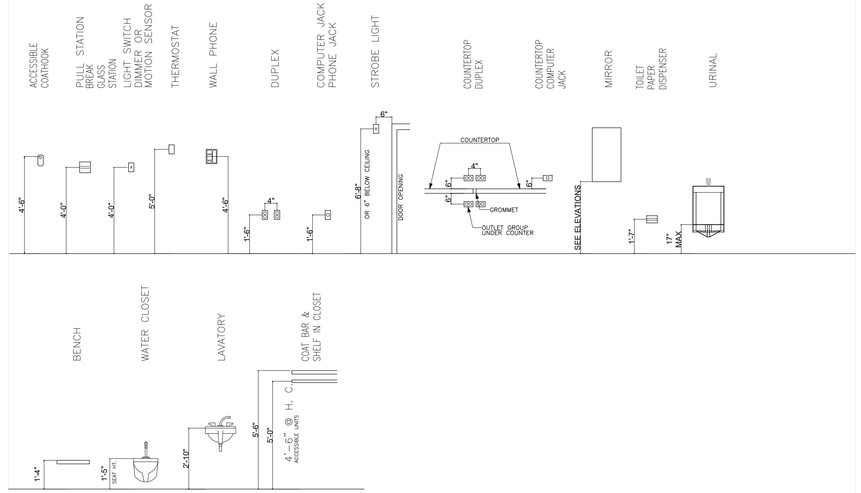
(3). GRAB BARS.
GRAB BARS SHALL BE INSTALLED IN FIG. 29 AND SHALL COMPLY WITH 4.24, OR STRUCTURAL REIFORCEMENT OR OTHER PROVISIONS SHALL BE MADE THAT WILL ALLOW INSTALLATION OF GRAB BARS IN THE LOCATIONS SHOWN IN FIG. 47(B).

(4). DISPENSERS.
TOILET PAPER DISPENSERS SHALL BE INSTALLED WITHIN REACH, AS SHOWN IN FIG. 27 (B).

4.32.4.3 LAVATORY, MIRRORS, AND MEDICINE CABINET.

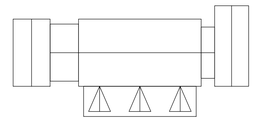
(1). THE LAVATORY AND MIRRORS SHALL COMPLY WITH 4.19.

TYPICAL MOUNTING HEIGHTS



NOTE: SEE ARCHITECTURAL DRAWINGS FOR PLAN LOCATIONS

KEY PLAN



N.T.S.

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1.	06/24/2022	ISSUED FOR DOB REVIEW / PERMIT

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

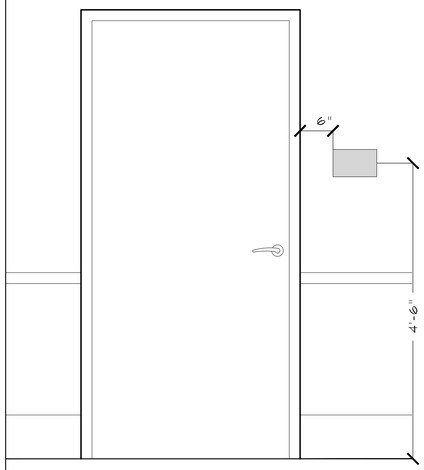
ICC / ANSI 117.1
REQUIREMENTS

Seal & Signature

REGISTERED ARCHITECT MICHAEL LORENZO 020639 STATE OF NEW YORK

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, NL
CHK BY:	NL
DWG No:	A-003
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 TYPICAL MOUNTING LOCATION
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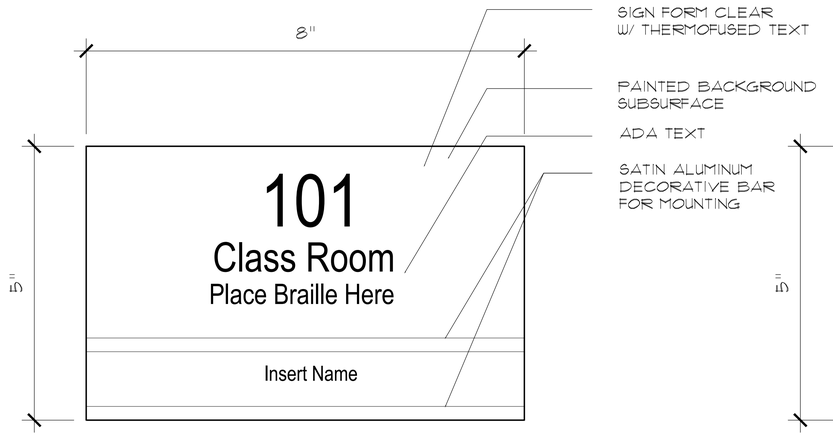
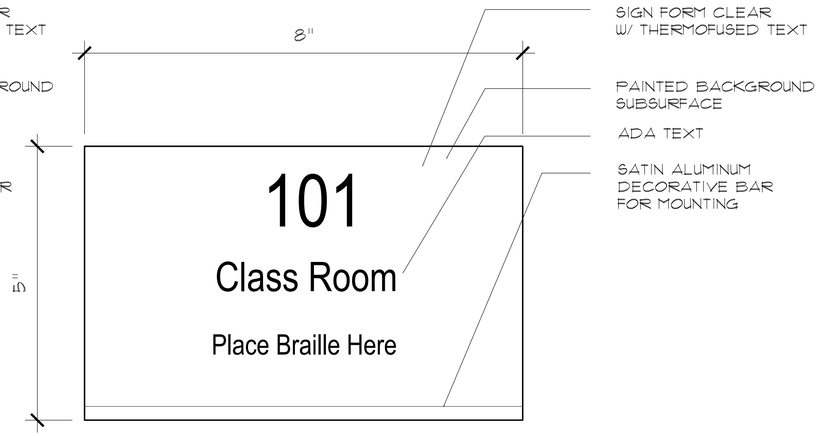
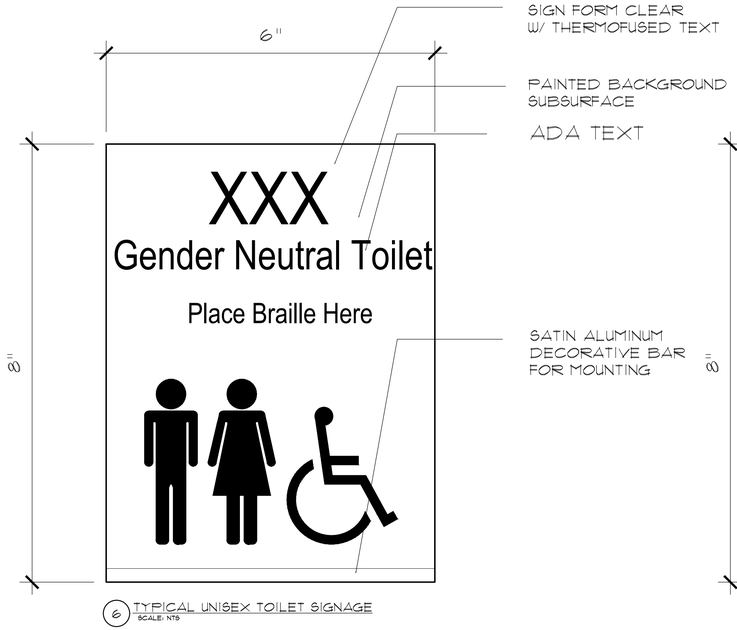


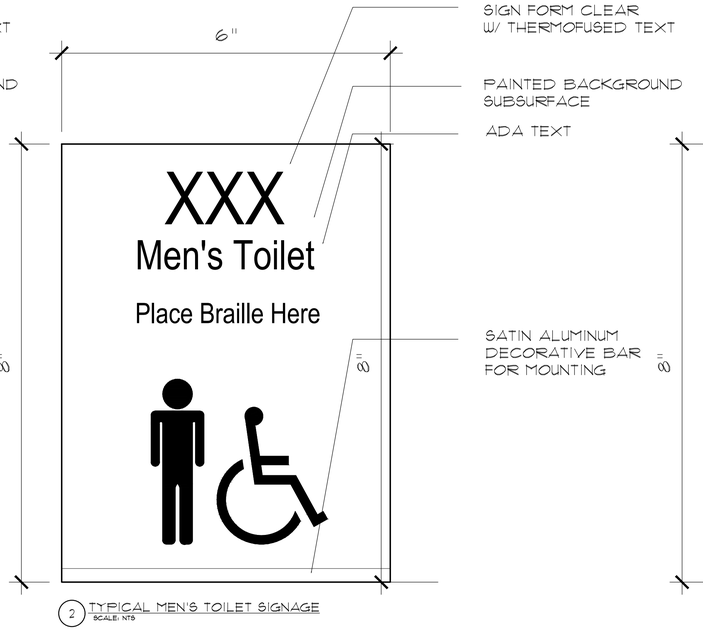
2 TYPICAL CLASSROOM AND OFFICE SIGNAGE
SCALE: NTS



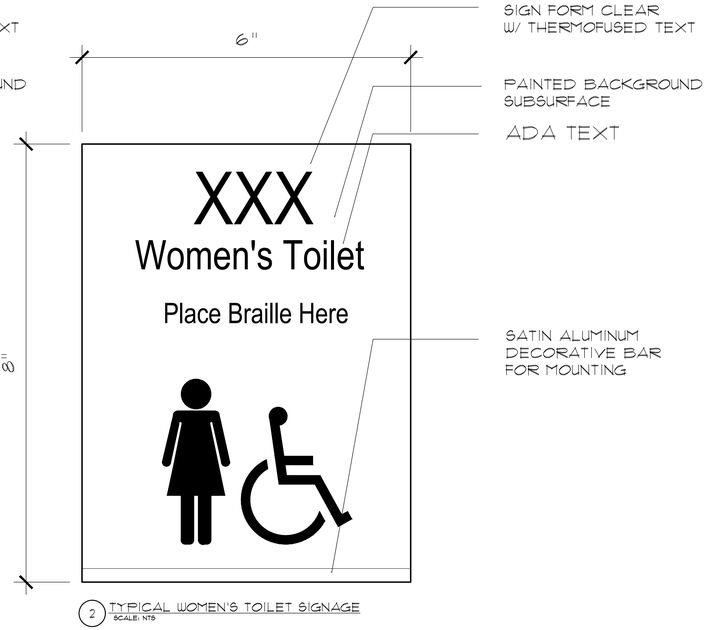
3 TYPICAL ROOM SIGNAGE
SCALE: NTS



6 TYPICAL UNISEX TOILET SIGNAGE
SCALE: NTS

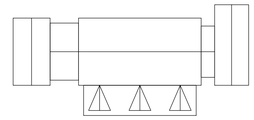


2 TYPICAL MEN'S TOILET SIGNAGE
SCALE: NTS



2 TYPICAL WOMEN'S TOILET SIGNAGE
SCALE: NTS

KEY PLAN



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Seal & Signature

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CADD FILE No:	

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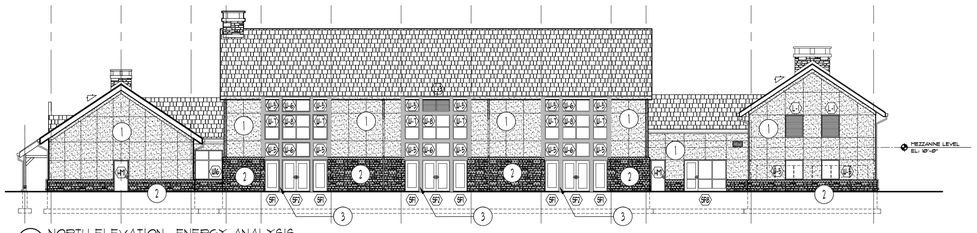
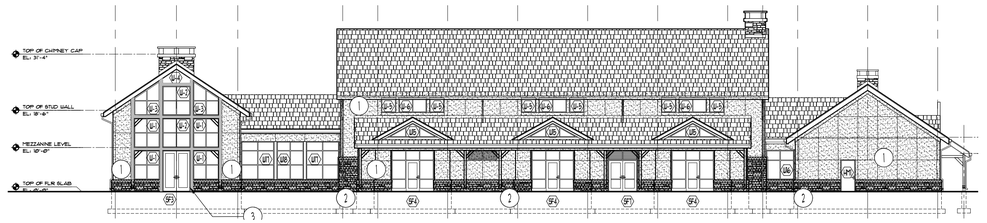


1 NORTH ELEVATION- ENERGY ANALYSIS
SCALE: 1/16"=1'-0"



2 SOUTH ELEVATION- ENERGY ANALYSIS
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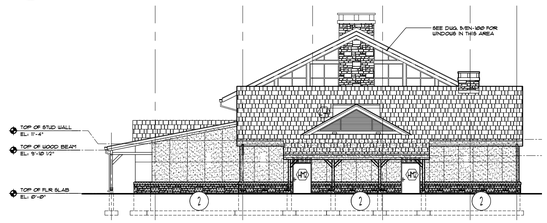

3 EAST ELEVATION- ENERGY ANALYSIS
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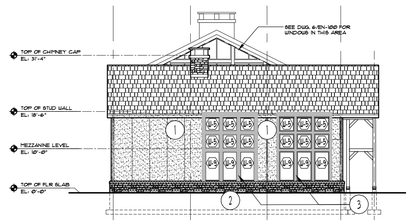

4 WEST ELEVATION- ENERGY ANALYSIS
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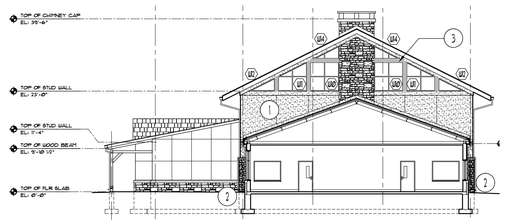

5 N/S SECTION FACING WEST - ENERGY ANALYSIS
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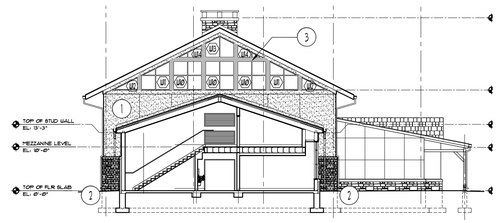

6 N/S SECTION FACING EAST - ENERGY ANALYSIS
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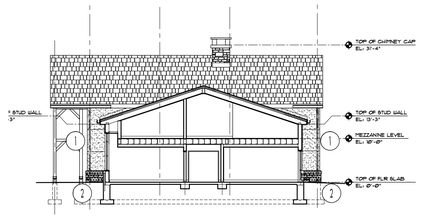
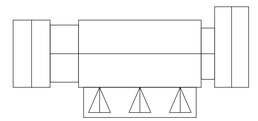


7 N/S SECTION FACING WEST - ENERGY ANALYSIS
SCALE: 1/16"=1'-0"

KEY PLAN



N.T.S.

EXTERIOR WALL DEDUCTION - FENESTRATION ANALYSIS

ELEVATION	TYPE	PROPOSED CENTER OF GLASS "U" VALUE	AREA (A)	PROPOSED SYSTEM "U" VALUE (B)	UA PROPOSED (AxB)	MAX. U-FACTOR CODE (D) (2020 NYS ECC)	UA CODE (AxD)	COMMENTS
NORTH (ELEVATION 1)	FIXED WINDOW W-5	Ø.2Ø	154 SQ. FT.	Ø.32	49.3	Ø.38	58.5	
	FIXED WINDOW W-6	Ø.2Ø	63 SQ. FT.	Ø.32	20.2	Ø.38	23.9	
	FIXED WINDOW W-7	Ø.2Ø	138 SQ. FT.	Ø.32	44.2	Ø.38	52.4	
	FIXED WINDOW W-8	Ø.2Ø	108 SQ. FT.	Ø.32	34.6	Ø.38	41.Ø	
	FIXED WINDOW W-16	Ø.2Ø	42 SQ. FT.	Ø.32	13.4	Ø.38	16.Ø	
	OPERABLE STOREFRONT SF-1	Ø.2Ø	144 SQ. FT.	Ø.16	1Ø3.4	Ø.11	16Ø.9	
	OPERABLE STOREFRONT SF-2	Ø.2Ø	135 SQ. FT.	Ø.1Ø	94.5	Ø.11	1Ø4.Ø	
	FIXED / OPERABLE STOREFRONT SF-8	Ø.2Ø	46 SQ. FT. 23 SQ. FT.	Ø.32 Ø.16	14.7 11.5	Ø.38 Ø.11	17.5 11.7	
	HOLLOW METAL HM-1	--	46 SQ. FT.	Ø.36	16.6	Ø.11	35.4	
	FIXED MECHANICAL LOUVER L-1	--	42 SQ. FT.	--	--	*	--	* CLASS 1 MOTORIZED DAMPERS
	FIXED MECHANICAL LOUVER L-3	--	21 SQ. FT.	--	--	*	--	* CLASS 1 MOTORIZED DAMPERS
SOUTH (ELEVATION 2)	FIXED WINDOW W-1	Ø.2Ø	156 SQ. FT.	Ø.32	49.9	Ø.38	59.3	
	FIXED WINDOW W-2	Ø.2Ø	84 SQ. FT.	Ø.32	26.9	Ø.38	31.9	
	FIXED WINDOW W-3	Ø.2Ø	7Ø SQ. FT.	Ø.32	22.4	Ø.38	26.6	
	FIXED WINDOW W-4	Ø.2Ø	14 SQ. FT.	Ø.32	4.5	Ø.38	5.3	
	FIXED WINDOW W-5	Ø.2Ø	66 SQ. FT.	Ø.32	21.1	Ø.38	25.1	
	FIXED WINDOW W-6	Ø.2Ø	63 SQ. FT.	Ø.32	20.2	Ø.38	23.9	
	FIXED WINDOW W-15	Ø.2Ø	54 SQ. FT.	Ø.32	17.3	Ø.38	2Ø.5	
	FIXED WINDOW W-16	Ø.2Ø	42 SQ. FT.	Ø.32	13.4	Ø.38	16.Ø	
	FIXED WINDOW W-17	Ø.2Ø	13Ø SQ. FT.	Ø.32	41.6	Ø.38	49.4	
	FIXED WINDOW W-18	Ø.2Ø	53 SQ. FT.	Ø.32	17.Ø	Ø.38	2Ø.X	
	OPERABLE STOREFRONT SF-3	Ø.2Ø	59 SQ. FT.	Ø.1Ø	41.3	Ø.11	45.4	
	FIXED / OPERABLE STOREFRONT SF-4	Ø.2Ø	69 SQ. FT. 21 SQ. FT.	Ø.32 Ø.16	22.1 16.Ø	Ø.38 Ø.11	26.2 16.2	
	FIXED / OPERABLE STOREFRONT SF-7	Ø.2Ø	15 SQ. FT. 47 SQ. FT.	Ø.32 Ø.1Ø	4.8 32.9	Ø.38 Ø.11	5.7 36.2	
	HOLLOW METAL HM-1	--	24 SQ. FT.	Ø.36	8.6	Ø.11	18.5	
EAST (ELEVATION 3)	HOLLOW METAL HM-2	--	6Ø SQ. FT.	Ø.36	21.6	Ø.11	46.2	
	FIXED MECHANICAL LOUVER L-4	--	45 SQ. FT.	--	--	*	--	* CLASS 1 MOTORIZED DAMPERS
WEST (ELEVATION 4)	FIXED WINDOW W-5	Ø.2Ø	132 SQ. FT.	Ø.32	42.2	Ø.38	5Ø.2	
	FIXED WINDOW W-9	Ø.2Ø	132 SQ. FT.	Ø.32	42.2	Ø.38	5Ø.2	
N/S SECTION ELEVATION 5	FIXED WINDOW W-1Ø	Ø.2Ø	88 SQ. FT.	Ø.32	28.2	Ø.38	33.4	
	FIXED WINDOW W-11	Ø.2Ø	66 SQ. FT.	Ø.32	21.1	Ø.38	25.1	
	FIXED WINDOW W-12	Ø.2Ø	18 SQ. FT.	Ø.32	5.8	Ø.38	6.8	
	FIXED WINDOW W-14	Ø.2Ø	18 SQ. FT.	Ø.32	5.8	Ø.38	6.8	
N/S SECTION ELEVATION 6	FIXED WINDOW W-1Ø	Ø.2Ø	132 SQ. FT.	Ø.32	42.2	Ø.38	5Ø.2	
	FIXED WINDOW W-11	Ø.2Ø	66 SQ. FT.	Ø.32	21.1	Ø.38	25.1	
	FIXED WINDOW W-12	Ø.2Ø	18 SQ. FT.	Ø.32	5.8	Ø.38	6.8	
	FIXED WINDOW W-13	Ø.2Ø	28 SQ. FT.	Ø.32	9.Ø	Ø.38	1Ø.6	
	FIXED WINDOW W-14	Ø.2Ø	18 SQ. FT.	Ø.32	5.8	Ø.38	6.8	
FENESTRATION TOTAL			2175Ø SQ. FT.		1Ø25.2		1221.8	COMCHECK AREA CALC. LEGEND
EXTERIOR GROSS WALL TOTAL			1Ø37Ø SQ. FT.		FENESTRATION = 21% OF TOTAL WALL AREA			

ENERGY EFFICIENCY OF FENESTRATION COMPARING PROPOSED WITH CODE REQUIREMENTS:

ENERGY EFFICIENCY OF WALL FENESTRATION = TOTAL UA (CODE) / TOTAL UA (PROPOSED) = 1221.8 / 1Ø25.2 = 119 % CODE

EXTERIOR WALL DEDUCTION - OPAQUE WALL PERFORMANCE ANALYSIS

ELEVATION	TYPE	MIN. R-VALUE CODE (2020 NYS ECC)	AREA (A)	U-FACTOR PROPOSED (B)	UA PROPOSED (AxB)	MAX. SYSTEM U-FACTOR CODE (D) (2020 NYS ECC)	UA CODE (AxD)	COMMENTS
NORTH (ELEVATION 1)	FRAMED WALL TYPE "1"	R-2Ø5	1853 SQ. FT.	Ø.Ø29	53.7	Ø.Ø49	9Ø.8	
	FRAMED WALL TYPE "2"	R-2Ø5	641 SQ. FT.	Ø.Ø24	15.4	Ø.Ø49	31.4	
	FRAMED WALL TYPE "3"	R-2Ø5	69 SQ. FT.	Ø.Ø32	2.2	Ø.Ø49	3.4	
SOUTH (ELEVATION 2)	FRAMED WALL TYPE "1"	R-2Ø5	1737 SQ. FT.	Ø.Ø29	5Ø.4	Ø.Ø49	85.1	
	FRAMED WALL TYPE "2"	R-2Ø5	436 SQ. FT.	Ø.Ø24	1Ø.5	Ø.Ø49	21.4	
	FRAMED WALL TYPE "3"	R-2Ø5	88 SQ. FT.	Ø.Ø32	2.8	Ø.Ø49	4.3	
EAST (ELEVATION 3)	FRAMED WALL TYPE "1"	R-2Ø5	783 SQ. FT.	Ø.Ø29	22.1	Ø.Ø49	38.4	
	FRAMED WALL TYPE "2"	R-2Ø5	378 SQ. FT.	Ø.Ø24	9.3	Ø.Ø49	18.1	
WEST (ELEVATION 4)	FRAMED WALL TYPE "1"	R-2Ø5	434 SQ. FT.	Ø.Ø29	12.6	Ø.Ø49	21.3	
	FRAMED WALL TYPE "2"	R-2Ø5	141 SQ. FT.	Ø.Ø24	3.5	Ø.Ø49	7.2	
	FRAMED WALL TYPE "3"	R-2Ø5	66 SQ. FT.	Ø.Ø32	2.1	Ø.Ø49	3.2	
N/S SECTION ELEVATION 5	FRAMED WALL TYPE "1"	R-2Ø5	479 SQ. FT.	Ø.Ø29	13.9	Ø.Ø49	23.5	
	FRAMED WALL TYPE "2"	R-2Ø5	24 SQ. FT.	Ø.Ø24	Ø.6	Ø.Ø49	1.2	
	FRAMED WALL TYPE "3"	R-2Ø5	22 SQ. FT.	Ø.Ø32	Ø.7	Ø.Ø49	1.1	
N/S SECTION ELEVATION 6	FRAMED WALL TYPE "1"	R-2Ø5	37Ø SQ. FT.	Ø.Ø29	1Ø.1	Ø.Ø49	18.1	
	FRAMED WALL TYPE "2"	R-2Ø5	62 SQ. FT.	Ø.Ø24	1.5	Ø.Ø49	3.Ø	
	FRAMED WALL TYPE "3"	R-2Ø5	4Ø SQ. FT.	Ø.Ø32	1.3	Ø.Ø49	2.Ø	
N/S SECTION ELEVATION 7	FRAMED WALL TYPE "1"	R-2Ø5	128 SQ. FT.	Ø.Ø29	3.7	Ø.Ø49	6.3	
	FRAMED WALL TYPE "2"	R-2Ø5	22 SQ. FT.	Ø.Ø24	Ø.5	Ø.Ø49	1.1	
OPAQUE WALL TOTAL			7620 SQ. FT.		214.1		373.5	
EXTERIOR GROSS WALL TOTAL			XXX SQ. FT.					

ENERGY EFFICIENCY OF OPAQUE WALL = TOTAL UA (CODE) / TOTAL UA (PROPOSED) = 373.5 / 214.1 = 174 % CODE COMPLIANCE

LEGEND

WALL TYPE 1

WALL TYPE 2

WALL TYPE 3

NOTE: SEE DWG. EN-1Ø1 FOR WALL TYPE DETAILS

GLASS SCHEDULE

TYPE G-1: ENERGY SELECT T3 ARGON:
'U'= Ø.2Ø: SHGC = Ø.37: VLT = 66%

WINDOW AND DOOR SCHEDULE

TAG	TYPE	FRAME MATERIAL	NOM. DIMENSION (LXH)	MANUFACTURERS MODEL No.	GLASS	ASSEMBLY "U" FACTOR	UNIT SHGC	UNIT VLT	AIR LEAKAGE RATE CFM/SQ.FT.
W-1	FIXED WINDOW	ALUMINUM	5'-1Ø" x 6'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-2	FIXED WINDOW	ALUMINUM	6'-4" x 6'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-3	FIXED WINDOW	ALUMINUM	5'-1Ø" x 1'-1Ø 5/8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-4	FIXED WINDOW	ALUMINUM	6'-4" x 3'-1 3/8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-5	FIXED WINDOW	ALUMINUM	3'-4" x 3'-4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-6	FIXED WINDOW	ALUMINUM	6'-4" x 3'-4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-7	FIXED WINDOW	ALUMINUM	3'-4" x 5'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-8	FIXED WINDOW	ALUMINUM	6'-4" x 5'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-9	FIXED WINDOW	ALUMINUM	3'-4" x 6'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-1Ø	FIXED WINDOW	ALUMINUM	6'-8" x 6'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-11	FIXED WINDOW	ALUMINUM	6'-8" x 6'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-12	FIXED WINDOW	ALUMINUM	6'-Ø" x 3'-Ø"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-13	FIXED WINDOW	ALUMINUM	6'-8" x 5'-Ø"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-14	FIXED WINDOW	ALUMINUM	6'-4" x 5'-8"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-15	FIXED WINDOW	ALUMINUM	11'-6 1/4" X 3'-1 1/4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-16	FIXED WINDOW	ALUMINUM	6'-6 3/4" x 5'-4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-17	FIXED WINDOW	ALUMINUM	7'-8" x 5'-4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
W-18	FIXED WINDOW	ALUMINUM	14'-4 3/4" x 5'-4"	KAUNEER TRIFAB VG 451T	G-1	Ø.32	Ø.34	Ø.58	Ø.Ø6
SF-1	STOREFRONT OPERABLE (SINGLE)	ALUMINUM	3'-4" x 7'-2"	KAUNEER 5ØØ SERIES STAND ENTRANCE (1 3/4")	G-1	Ø.16	Ø.22	Ø.28	Ø.1Ø
SF-2	STOREFRONT OPERABLE (PAIR)	ALUMINUM	6'-4" x 7'-2"	KAUNEER 5ØØ SERIES STAND ENTRANCE (1 3/4")	G-1	Ø.1Ø	Ø.22	Ø.32	Ø.1Ø
SF-3	STOREFRONT OPERABLE (PAIR)	ALUMINUM	6'-4" x 5'-4"	KAUNEER 5ØØ SERIES STAND ENTRANCE (1 3/4")	G-1	Ø.1Ø	Ø.22	Ø.32	Ø.1Ø
SF-4	STOREFRONT OPER. (SINGLE) FIXED	ALUMINUM	9'-8" x 9'-4" @ 3'-Ø" x 7'-Ø" OPER	KAUNEER TRIFAB VG 451T @ 5ØØ SERIES STAND ENTRANCE (1 3/4")	G-1 G-1	Ø.32 Ø.16	Ø.34 Ø.22	Ø.58 Ø.28	Ø.Ø6 Ø.1Ø
SF-7	STOREFRONT OPER. (DOUBLE) FIXED	ALUMINUM	6'-4" x 9'-4" @ PAIR 6'-Ø" x 7'-Ø" OPER	KAUNEER TRIFAB VG 451T @ 5ØØ SERIES STAND ENTRANCE (1 3/4")	G-1 G-1	Ø.32 Ø.1Ø	Ø.34 Ø.22	Ø.58 Ø.32	Ø.Ø6 Ø.1Ø
HM1	INSULATED HOLLOW METAL DOOR	H.M.	3'-Ø"X7'-Ø"	ALLEGION STEELCRAFT H.M. W/POLYURETHANE FILLED CORE L-18 SERIES	—	Ø.36	Ø.23	51	Ø.34
HM2	INSULATED HOLLOW METAL DOOR	H.M.	4'-Ø"X7'-Ø"	ALLEGION STEELCRAFT H.M. W/POLYURETHANE FILLED CORE L-18 SERIES	—	Ø.36	Ø.23	51	Ø.34
HM3	INSULATED HOLLOW METAL DOOR	H.M.	(PR)3'-Ø"X7'-Ø"	ALLEGION STEELCRAFT H.M. W/POLYURETHANE FILLED CORE L-18 SERIES	—	Ø.36	Ø.23	51	Ø.34

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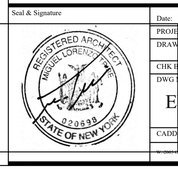
Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ENERGY ANALYSIS

Seal & Signature



Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, NL
CHK BY: NL
DWG No: EN-100
CADD FILE No:

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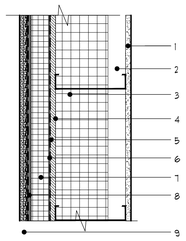
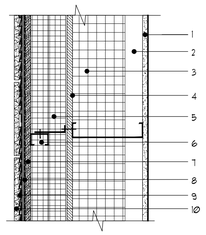


1.	5/8" HIGH IMPACT GYPSUM BOARD	(GYP-1)	R-0.67
2.	2" AIR CAVITY	(AG)	R-0.60
3.	6" OPEN CELL POLY SPRAY FOAM INSULATION BETWEEN 8" L.G. STUDS @ 16" O.C.	(INS-2)	R-22.2
4.	5/8" DENSGLASS SHEATHING	(DG)	R-0.67
5.	AIR & MOISTURE BARRIER ASSEMBLY	(AB)	R-0
6.	1/4" TAHGGED FILAMENT DRAIN SCREEN	(DS-1)	R-0
7.	2" TYPE IV XPS INSULATION BOARD.	(INS-1)	R-10.0
8.	3/8" TAHGGED FILAMENT DRAIN SCREEN OVER #15.3 FELT	(DS-2)	R-0
9.	3/8" THICK CEMENTICIOUS SCRATCH/BROWN AND FINISH STUCCO	(CS)	R-0.175

TOTAL 'R' VALUE PROVIDED — R= 34.3, U= 0.029

MIN. 'R' VALUE REQUIRED (TABLE C402.1.3) R-13 + R-13+ 7.5 ci — R= 20.5, U= 0.049

WALL TYPE "1" :
FRAMED- STUCCO + L.G. STUD
SCALE: 1 1/2"= 1'-0"

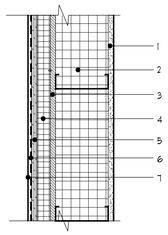


1.	5/8" HIGH IMPACT GYPSUM BOARD	(GYP-1)	R-0.67
2.	2" AIR CAVITY	(AG)	R-0.60
3.	6" OPEN CELL POLY SPRAY FOAM INSULATION BETWEEN 8" L.G. STUDS @ 16" O.C.	(INS-2)	R-22.2
4.	5/8" DENSGLASS SHEATHING	(DG)	R-0.67
5.	2" TYPE IV XPS INSULATION BOARD.	(INS-1)	R-10.0
6.	2" METAL STUDS @ 16" O.C. W/2" OPEN CELL POLY SPRAY FOAM	(INS-2)	R-7.4
7.	5/8" CEMENT BOARD	(CB)	R-0.49
8.	AIR & MOISTURE BARRIER ASSEMBLY	(AB)	R-0
9.	DRAIN SCREEN DRAINAGE MAT	(DS-3)	R-0
10.	THIN STONE VENEER APPLICATION.	(TS)	R-0

TOTAL 'R' VALUE PROVIDED — R= 42.0, U= 0.024

MIN. 'R' VALUE REQUIRED (TABLE C402.1.3) R-13 + 7.5 ci — R= 20.5, U= 0.049

WALL TYPE "2" :
FRAMED- THIN STONE VENEER + L.G. STUD
SCALE: 1 1/2"= 1'-0"



1.	5/8" HIGH IMPACT GYPSUM BOARD	(GYP-1)	R-0.67
2.	6" OPEN CELL POLY SPRAY FOAM INSULATION BETWEEN 6" L.G. STUDS @ 16" O.C.	(INS-2)	R-22.2
3.	5/8" DENSGLASS SHEATHING	(DG)	R-0.67
4.	1 1/2" OWENS CORNING TYPE IV XPS FOAMULAR BRD INSULATION SET BETWEEN 1 1/2" METAL STUDS @ 16"O.C.	(INS-3)	R- 7.5
5.	1/4" CD-X PLYWOOD	(PW)	R-0.63
6.	AIR/MOISTURE BARRIER ASSY.	(AB)	R-0
7.	ALUMINUM BRAKE METAL CLADDING	(ABM)	R-0

TOTAL 'R' VALUE PROVIDED — R= 31.7, U= 0.032

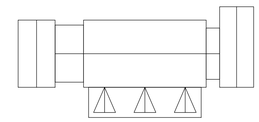
MIN. 'R' VALUE REQUIRED (TABLE C402.1.3) R-13 + R-13+ 7.5 ci — R= 20.5, U= 0.049

WALL TYPE "3" :
FRAMED- BRAKE METAL CLADDING + L.G. STUD
SCALE: 1 1/2"= 1'-0"

EXTERIOR WALL MATERIAL SCHEDULE

TAG	TYPE	MANUFACTURER / PRODUCT DESCRIPTION	MANUF'S PUBLISHED 'R' VALUE	COMMENTS
INS-1	CONTINUOUS RIGID BOARD INSULATION	OWENS CORNING TYPE IV XPS FOAMULAR	2" = R-10	
INS-2	SPRAY-FOAM INSULATION	ICYNENE CLASSIC LDC-50 OPEN CELL POLYURETHANE SPRAY FOAM INSULATION	R-3.7 / INCH	
INS-3	RIGID BOARD INSULATION	OWENS CORNING TYPE IV XPS FOAMULAR	1 1/2" = R-7.5	
DS-1	DRAIN SCREEN	STO DRAIN SCREEN 6 MM TANGLED FILAMENT DRAINAGE MAT	R-0	
DS-2	DRAIN SCREEN	STO DRAIN SCREEN 10 MM TANGLED FILAMENT DRAINAGE MAT	R-0	
DS-3	EXTRUDED POLYMER MATRIX	STUCCO WATERWAY 11 MM	R-0	
DG	EXTERIOR SHEATHING	GEORGIA PACIFIC DENSGLASS GOLD EXTERIOR SHEATHING- 5/8"	R-0.67	
AB	AIR MOISTURE BARRIER ASSEMBLY	STO RAPID GUARD AIR/ MOISTURE BARRIER ASSEMBLY	R-0	
AG	AIR GAP	2" WALL CAVITY AIR SPACE	R-0.6	* ASHRAE 90.1-2019 TABLE A9.4.2-1 VALVE FOR CAVITY AIR SPACES
ABM	METAL CLADDING	ALUMINUM BRAKE METAL	R-0	
CB	CEMENT BOARD	USG DUROK 5/8"	R-0.49	
CS	CEMENTICIOUS STUCCO	STO POWERWALL CEMENTICIOUS STUCCO ASSEMBLY 3/8"	R-0.175	*ASHRAE 90.1-2019 TABLE A3.1-2 EXTRAPOLARED FROM CONC. W/DENSITYOF 85 LBS/CUBIC FT.
GYP-1	INTERIOR GYPSUM BOARD	GEORGIA PACIFIC DENS ARMOR PLUS IMPACT RESISTANT- 5/8"	R-0.67	
PW	PLYWOOD	1/4" CDX- PLYWOOD	R-0.63	
TS	THIN STONE	ELDORADO THINSET THIN STONE VENEER	R-0	

KEY PLAN



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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

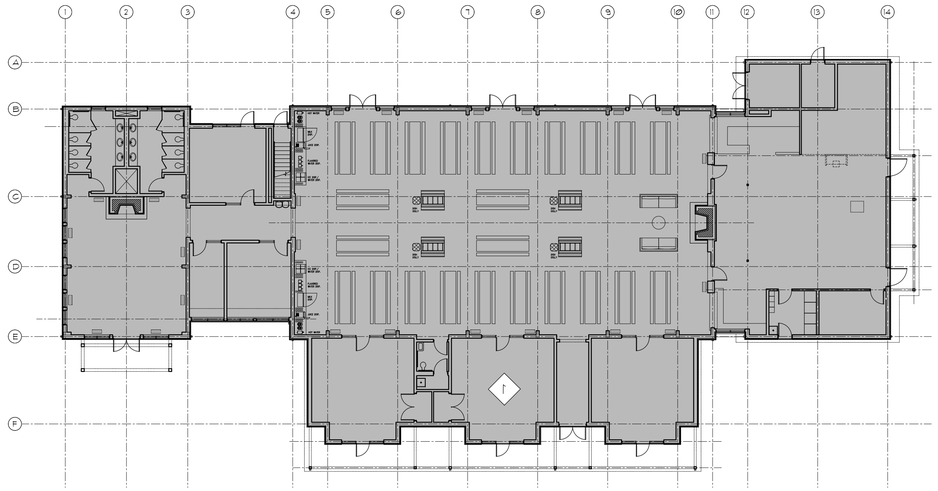
ENERGY ANALYSIS

Seal & Signature

REGISTERED ARCHITECT
MICHAEL LORENZO RAMIREZ
020699
STATE OF NEW YORK

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, NL
CHK BY:	NL
DWG No:	EN-101
CADD FILE No:	03 / 17

W:\2005 Girl Scouts of Greater NY



1 SLAB ON GRADE ENERGY CODE COMPLIANCE

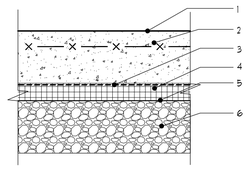
SCALE: 1/16"=1'-0"

SLAB ON GRADE DEDUCTION PERFORMANCE ANALYSIS

TYPE	R-VALUE PROPOSED (SEE BELOW)	AREA (A)	MAX. U-FACTOR PROPOSED (B)	UA PROPOSED (AxB)	MIN. R-VALUE CODE (2010 NYS ECC)	MAX. SYSTEM U-FACTOR CODE (D) (2010 NYS ECC)	UA CODE (AxD)	COMMENTS
TYPE "1"	R-11.58	12,202 SF.	0.09	1098.2	R-10 FOR 24" BELOW	0.63	7687.3	

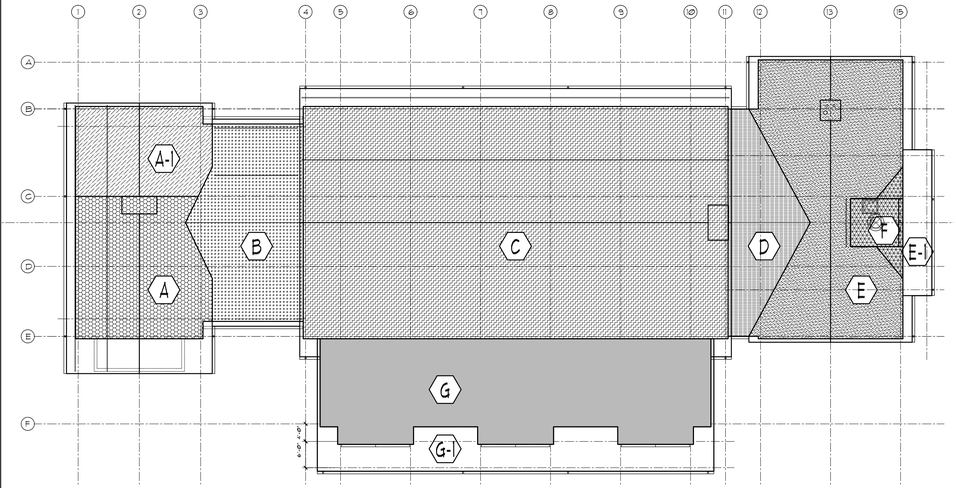
ENERGY EFFICIENCY SLAB ON GRADE COMPARING PROPOSED WITH CODE REQUIREMENTS:

ENERGY EFFICIENCY = TOTAL UA (CODE) / TOTAL UA (PROPOSED) = 7687.3 / 1098.2 = 700 % COMPLIANCE



1.	AIR FILM (INTERIOR)	R= 0.68
2.	6" CONCRETE SLAB	R= 0.30
3.	MIL POLY VAPOR BARRIER	R= 0.00
4.	2" RIGID INSULATION	R= 10.00
5.	AIR FILM (EXTERIOR)	R= 0.00
6.	COMPACTED GRAVEL BASE	R= 0.00
	TOTAL	R= 11.58
		U= 0.09

1 SLAB ON GRADE FLOOR



2 ROOF ENERGY CODE COMPLIANCE

SCALE: 1/16"=1'-0"

ROOF DECK ENERGY COMPLIANCE

ROOF AREA TYPE	DECK TYPE	ROOF AREA (SQ. FT.) (A)	AVERAGE R-VALUE OF NEW INSUL. PROVIDED	U FACTOR PROVIDED (B)	U x A PROPOSED (A) x (B)	MINIMUM CODE REQ'D 'R' VALUE (2010 NYS ECC)	MAX. 'U' FACTOR CODE (2010 NYS ECC) (D)	U x A CODE (2010 NYS ECC) (A) x (D)	COMMENTS
A	WOOD	9.42	45.6	0.022	207.1	30	0.033	311	
A-1	METAL	623	60.8	0.016	9.7	38	0.016	16.2	
B	METAL	1015	60.8	0.016	16.2	38	0.016	26.4	
C	WOOD	5157	45.6	0.022	113.5	30	0.033	170.2	
D	METAL	613	60.8	0.016	9.8	38	0.016	15.9	
E	METAL	1680	60.8	0.016	26.9	38	0.016	43.7	
E-1	WOOD	N/A (220)	N/A	N/A	N/A	N/A	N/A	N/A	ENTRY CANOPY ROOF BEYOND BLDG. THERMAL ENVELOPE
F	METAL	176	60.8	0.016	2.8	38	0.016	4.6	
G	METAL	2005	60.8	0.016	32.1	38	0.016	52.1	
G-1	WOOD	N/A (741)	N/A	N/A	N/A	N/A	N/A	N/A	ENTRY CANOPY ROOF BEYOND BLDG. THERMAL ENVELOPE
	ROOF TOTALS				231.7			360.2	

ENERGY EFFICIENCY OF ROOF DECK COMPARING PROPOSED WITH CODE REQUIREMENTS:

ENERGY EFFICIENCY OF ROOF DECK INSUL. = TOTAL UA (CODE) / TOTAL UA (PROPOSED) = 360.2 / 231.7 = 155 % COMPLIANCE

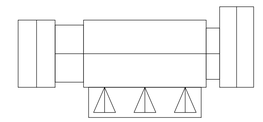
NOTES:

1. ON AREAS 'A' & 'C' INSTALL INSULATION WITH A MINIMUM R-VALUE OF 30 FOR CONTINUOUS INSULATION ENTIRELY ABOVE THE DECK, TO MEET THE NYS ENERGY CONSERVATION CONSTRUCTION CODE, INCLUDING THE INTERNATIONAL ENERGY CONSERVATION CODE AND THE NY STATE SUPPLEMENT, FOR A BUILDING IN CLIMATE ZONE 4.
2. ON AREAS 'B', 'D', 'E', 'F', & 'G' INSTALL 4" THICK FLAT ISOCYANURATE INSULATION ON TOP OF THE DECK AND CLOSED CELL SPRAYED FOAM INSULATION COVERED WITH AN INTUMESCENT COATING, ON THE UNDERSIDE OF THE ROOF DECK - THICKNESS APPROXIMATELY 6-1/2", MINIMUM R-VALUE 38, IN ADDITION TO THE ISOCYANURATE INSULATION BEING INSTALLED ON TOP OF THE ROOF DECK.
3. ON AREAS 'E-1' & 'G-1', THE SPACE BELOW IS OPEN TO EXTERIOR.

LEGEND

- DECK TYPE (CONCRETE) (A)
- DECK TYPE (CONCRETE) (A-1)
- DECK TYPE (CONCRETE) (B)
- DECK TYPE (CONCRETE) (C)
- DECK TYPE (CONCRETE) (D)
- DECK TYPE (CONCRETE) (E)
- DECK TYPE (CONCRETE) (F)
- DECK TYPE (CONCRETE) (G)

KEY PLAN



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Seal & Signature

REGISTERED ARCHITECT
MICHAEL LORENZO TIETJEN
220539
STATE OF NEW YORK

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DRAWN BY:	CS, RW, NL
CHK BY:	NL
DWG No:	EN-102
CADD FILE No:	02
W:\2005 Girl Scouts of Greater NY	17

COMcheck Software Version COMcheckWeb
Envelope Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: GSNY Camp Kaufman 1
Location: Pawling, New York
Climate Zone: 5a
Project Type: New Construction
Vertical Glazing / Wall Area: 23%

Construction Site:
81 Camp Road
Holmes, New York 12531

Owner/Agent:
Girl Scouts of Greater New York

Designer/Contractor:
Michael Tribe
Peter Gisolfi Associates
566 Warburton Ave
Hastings-on-Hudson, New York 10706
914-478-3677
rprice@petergisolfiassociates.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Envelope Performance, 1.0 credit

Building Area	Floor Area
1-Dining: Cafeteria/Fast Food : Nonresidential	13470

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof A-2 - Lobby E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	875	---	50.8	0.019	0.032
Roof A-1 - Lobby W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	899	---	50.8	0.019	0.032
Roof B-1 - Instr Conn N: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	540	---	50.8	0.019	0.032
Roof B-2 - Instr Conn S: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	540	---	50.8	0.019	0.032
Roof C-1 - Dining N: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	2844	---	50.8	0.019	0.032
Roof C-2 - Dining S: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	2844	---	50.8	0.019	0.032
Roof D-1 - Kitchen Conn N: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	248	---	50.8	0.019	0.032
Roof D-2 - Kitchen Conn S: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	248	---	50.8	0.019	0.032
Roof E-1 - Kitchen W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	1096	---	50.8	0.019	0.032
Roof E-2 - Kitchen W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	1127	---	50.8	0.019	0.032
Roof F-1 - Instr 2 W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	201	---	50.8	0.019	0.032
Roof F-2 - Instr 2 & 3: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	539	---	50.8	0.019	0.032

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Roof F-3 - Instr 3 & 4: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	539	---	50.8	0.019	0.032
Roof F-4 - Instr 4 E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	201	---	50.8	0.019	0.032
Roof G-2a - Instr 2 G W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof G-2b - Instr 2 G E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof G-3a - Instr 3 G W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof G-3b - Instr 3 G E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof G-4a - Instr 4 G W: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof G-4b - Instr 4 GE: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	117	---	50.8	0.019	0.032
Roof M-1 E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	70	---	37.0	0.026	0.032
Roof M-2 Floor: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	132	---	60.0	0.016	0.032
Roof M-3 N: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	38	---	37.0	0.026	0.032
Roof M-4 S: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	38	---	37.0	0.026	0.032
Roof A-2 - Lobby E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	875	---	50.8	0.019	0.032
Roof A-2 - Lobby E: Insulation Entirely Above Deck, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	875	---	50.8	0.019	0.032
Floor -5" slab & 2" Styrofoam: Unheated Slab-On-Grade Fully insulated (uniform R-value across perimeter + under entire slab), [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (d)	592	---	12.0	0.336	0.540
NORTH					
Lobby Wall - N masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	80	0.0	39.0	0.024	0.064
Lobby Wall - N stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	569	0.0	29.8	0.031	0.064
Window - W-5 x 2: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.04, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	22	---	---	0.320	0.380
Instr Conn - N - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	46	0.0	39.0	0.024	0.064
Instr Conn - N - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	268	0.0	29.8	0.031	0.064
Door #122: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.08, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	23	---	---	0.320	0.770
Window: Other Window: Fixed, Perf. Specs.: Product ID Storefornt - 451T, SHGC 0.34, PF 0.10, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	47	---	---	0.320	0.380
Dining - N - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	386	0.0	42.0	0.022	0.064
Dining - N - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	1839	0.0	34.3	0.027	0.064
Doors - Dining 107 c, d, e: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.20, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	186	---	---	0.320	0.770
Windows - Dining N W-5 x 12: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.54, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	133	---	---	0.320	0.380
Windows - Dining N W-6 x 5: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.54, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	106	---	---	0.320	0.380
Windows - Dining N W-7 x 6: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.47, [Bldg. Use 1 -	113	---	---	0.320	0.380

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Dining: Cafeteria/Fast Food] (c)					
Windows - Dining N W-8 x 3: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.47, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	108	---	---	0.320	0.380
Kitchen Conn - N - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	19	0.0	42.0	0.022	0.064
Kitchen Conn - N - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	59	0.0	34.3	0.027	0.064
Window - Kitchen W-16: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.12, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	42	---	---	0.320	0.380
Kitchen MEF - N - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	79	0.0	42.0	0.022	0.064
Kitchen MEF - N - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	504	0.0	34.3	0.027	0.064
Door #120: Insulated Metal, Swinging, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	24	---	---	0.500	0.370
EAST					
Lobby - E masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	21	0.0	39.0	0.024	0.064
Lobby - E stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	132	0.0	29.8	0.031	0.064
Kitchen - E - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	147	0.0	42.0	0.022	0.064
Kitchen - E - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	629	0.0	34.3	0.027	0.064
Doors #115c & 115d: Insulated Metal, Swinging, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	61	---	---	0.500	0.370
Kitchen - S - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	79	0.0	42.0	0.022	0.064
Kitchen - S - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	504	0.0	34.3	0.027	0.064
Door #116b: Insulated Metal, Swinging, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	24	---	---	0.500	0.370
Instr - E - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	54	0.0	42.0	0.022	0.064
Instr - E - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	218	0.0	34.3	0.027	0.064
Instr - E1 x 3 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	32	0.0	42.0	0.022	0.064
Instr - E1 x 3 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	104	0.0	34.3	0.027	0.064
SOUTH					
Lobby - S masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	60	0.0	39.0	0.024	0.064
Lobby - S stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	609	0.0	29.8	0.031	0.064
Windows - Lobby S W-1 x 4: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.45, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	156	---	---	0.320	0.380
Windows - Lobby S W-2 x 2: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.54, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	84	---	---	0.320	0.380
Windows - Lobby S W-3 x 2: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 2.04, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	69	---	---	0.320	0.380
Door #101 - SF3: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Type: Energy code default, Double Pane, Clear , SHGC 0.38, PF 0.03, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	60	---	---	0.800	0.770
Kitchen Conn - S - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	19	0.0	42.0	0.022	0.064
Kitchen Conn - S - stucco: Steel-Framed, 16in. o.c., [Bldg. Use	59	0.0	34.3	0.027	0.064

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
1 - Dining: Cafeteria/Fast Food]					
Windows - Kitchen Conn W16: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.12, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	42	---	---	0.320	0.380
Dining E - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	19	0.0	42.0	0.022	0.064
Dining E - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	624	0.0	34.3	0.027	0.064
Windows - Dining E Gable W-10 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.11, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	89	---	---	0.320	0.380
Windows - Dining E Gable W-11 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.17, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	67	---	---	0.320	0.380
Window - Dining E Gable W-12 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.44, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	18	---	---	0.320	0.380
Window - Dining E Gable W-14 -x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.44, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	18	---	---	0.320	0.380
Instr - S1 x 2 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	22	0.0	42.0	0.022	0.064
Instr - S1 x 2 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	75	0.0	34.3	0.027	0.064
Instr - S2 F8-9 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	20	0.0	42.0	0.022	0.064
Instr - S2 F8-9 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	203	0.0	34.3	0.027	0.064
Door 107a (SF7): Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 1.08, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	63	---	---	0.320	0.770
Instr - S2 F6-7 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	35	0.0	42.0	0.022	0.064
Instr - S2 F6-7 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	248	0.0	34.3	0.027	0.064
Instr - S3 F.2 x 3 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	58	0.0	42.0	0.022	0.064
Instr - S3 F.2 x 3 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	628	0.0	34.3	0.027	0.064
Windows - Instr Gables W-15 x 3: Other Window: Fixed, Perf. Specs.: Product ID Storefront 451T, SHGC 0.34, PF 0.50, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	55	---	---	0.320	0.380
Doors 108b, 111b, 113b - SF4 x 3: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.63, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	273	---	---	0.320	0.770
Dining - S (E4-11) - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	57	0.0	42.0	0.022	0.064
Dining - S (E4-11) - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	690	0.0	34.3	0.027	0.064
Window W-5 x 6: Other Window: Fixed, Perf. Specs.: Product ID Storefront 451T, SHGC 0.34, PF 1.54, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	56	---	---	0.320	0.380
Window W-6 x 3: Other Window: Fixed, Perf. Specs.: Product ID Storefront 451T, SHGC 0.34, PF 1.54, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	63	---	---	0.320	0.380
Instr Conn - S - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	61	0.0	42.0	0.022	0.064
Instr Conn - S - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	242	0.0	34.3	0.027	0.064
Window W-17: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.10, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	65	---	---	0.320	0.380
Window W-18: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.10, [Bldg. Use 1 -	130	---	---	0.320	0.380

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Dining: Cafeteria/Fast Food] (c)					
WEST					
Lobby Wall - W masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	142	0.0	39.0	0.024	0.064
Lobby Wall - W stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	827	0.0	29.8	0.031	0.064
Windows - Lobby W W-9 x 6: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.17, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	133	---	---	0.320	0.380
Windows - Lobby W W-5 x 12: Other Window: Fixed, Perf. Specs.: Product ID Storefront - 451T, SHGC 0.34, PF 0.35, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	133	---	---	0.320	0.380
Dining - W - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	55	0.0	42.0	0.022	0.064
Dining - W - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	630	0.0	34.3	0.027	0.064
Windows - Dining W Gable W-10 x 3: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.10, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	133	---	---	0.320	0.380
Windows - Dining W Gable W-11 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.17, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	67	---	---	0.320	0.380
Windows - Dining W Gable W-12 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.44, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	18	---	---	0.320	0.380
Window - Dining W Gable W-13: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.20, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	28	---	---	0.320	0.380
Windows - Dining W Gable W-14 x 2: Other Window: Fixed, Perf. Specs.: Product ID 451T, SHGC 0.34, PF 0.44, [Bldg. Use 1 - Dining: Cafeteria/Fast Food] (c)	18	---	---	0.320	0.380
Mech - W - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	16	0.0	42.0	0.022	0.064
Mech - W - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	131	0.0	34.3	0.027	0.064
Door #121: Insulated Metal, Swinging, [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	45	---	---	0.500	0.370
Kitchen - W - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	4	0.0	39.0	0.024	0.064
Kitchen - W - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	14	0.0	29.8	0.031	0.064
Instr - W1 x 3 - masonry: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	32	0.0	42.0	0.022	0.064
Instr - W1 x 3 - stucco: Steel-Framed, 16in. o.c., [Bldg. Use 1 - Dining: Cafeteria/Fast Food]	104	0.0	34.3	0.027	0.064

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) 'Other' components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

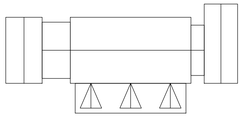
Project Notes

Envelope PASSES: Design 26% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2018 IECC requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

KEY PLAN



N.T.S.

1. 06/24/2022 ISSUED FOR DOB REVIEW / PERMIT
No. Date Revision

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Project Title
CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
ENERGY COMCHECK:
ENVELOPE

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, NL
CHK BY: NL
DWG No:
EN-200
CADD FILE No:

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COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: GSNY Camp Kaufman
Project Type: New Construction

Construction Site:
81 Camp Road
Holmes, New York 12531

Owner/Agent:
Girl Scouts of Greater New York

Designer/Contractor:
Michael Tribe
Peter Gisolfi Associates
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Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Envelope Performance, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Dining: Cafeteria/Fast Food	13470	0.79	10641
		Total Allowed Watts =	10641

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Dining: Cafeteria/Fast Food				
LED: Type B: 2x2 Volumetric: LED Panel 33W:	1	13	32	416
LED: Type C: 2x2 Flat Panel: LED Panel 33W:	1	24	26	624
LED: Type D: 3" Downlight: LED A Lamp 25W:	1	9	21	189
LED: Type G: LED Cove Light: LED Linear 8W:	1	37	3	111
LED: Type J: LED Linear Cove Wall Light: LED Linear 8W:	1	60	8	510
LED: Type K: Lensed Strip: LED Linear 33W:	1	23	30	690
LED: Type L: 14" Pendant: LED A Lamp 25W:	1	6	29	174
LED: Type M: Classroom Pendant: LED A Lamp 25W:	1	21	18	378
LED: Type N: Dining Pendant: LED A Lamp 25W:	1	20	120	2400
LED: Type S: Lobby Chandelier: Other:	1	54	4	243
LED: Type T: Directional Spot Light: LED A Lamp 25W:	1	8	18	148
		Total Proposed Watts =		5883

Interior Lighting PASSES: Design 45% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Werner Tietjen-Partner — Name - Title
Signature
6/23/22 — Date

STATE OF NEW YORK · WERNER E. TIETJEN · LICENSED PROFESSIONAL ENGINEER · 45629

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: GSNY Camp Kaufman
Project Type: New Construction
Exterior Lighting Zone 1 (Developed rural area (LZ1))

Construction Site:
81 Camp Road
Holmes, New York 12531

Owner/Agent:
Girl Scouts of Greater New York

Designer/Contractor:
Michael Tribe
Peter Gisolfi Associates
566 Warburton Ave
Hastings-on-Hudson, New York
10706
914-478-3677
rprice@petergisolfiassociates.com

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Dining Hall Exterior (Entry canopy)	1800 ft2	0.2	Yes	360
			Total Tradable Watts (a) =	360
			Total Allowed Watts =	360
			Total Allowed Supplemental Watts (b) =	350

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 350 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Dining Hall Exterior (Entry canopy, 1800 ft2): Tradable Wattage				
LED: Type P: Exterior Pendant: LED A Lamp 25W:	1	2	16	32
LED: Type Q: Exterior Egress Fixture: LED A Lamp 25W:	1	14	10	134
LED: Type R: Entry Linear 19 ft: LED Linear 33W:	1	19	4	84
LED: Type S1: Site Bollard: LED Other Fixture Unit 16W:	1	5	14	70
LED: Type Q: Exterior Parking Sconce: LED A Lamp 25W:	1	2	28	56
			Total Tradable Proposed Watts =	376

Exterior Lighting PASSES: Design 47% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Werner Tietjen-Partner — Name - Title
Signature
6/23/22 — Date

STATE OF NEW YORK · WERNER E. TIETJEN · LICENSED PROFESSIONAL ENGINEER · 45629

COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: GSNY Camp Kaufman
Location: Pawling, New York
Climate Zone: 5a
Project Type: New Construction

Construction Site:
81 Camp Road
Holmes, New York 12531

Owner/Agent:
Girl Scouts of Greater New York

Designer/Contractor:
Michael Tribe
Peter Gisolfi Associates
566 Warburton Ave
Hastings-on-Hudson, New York
10706
914-478-3677
rprice@petergisolfiassociates.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Enhanced Envelope Performance, 1.0 credit

Mechanical Systems List

Quantity — System Type & Description

1 HVAC System (Single Zone):
Split System Heat Pump
Heating Mode: Capacity = 216 kBtu/h,
Proposed Efficiency = 3.75 COP, Required Efficiency = 3.20 COP
Cooling Mode: Capacity = 192 kBtu/h, , Air Economizer
Proposed Efficiency = 13.00 EER, Required Efficiency = 10.60 EER
Proposed Part Load Efficiency = 25.30 IEER, Required Part Load Efficiency = 11.60 IEER

1 HVAC System (Single Zone):
Split System Heat Pump
Heating Mode: Capacity = 216 kBtu/h,
Proposed Efficiency = 3.75 COP, Required Efficiency = 3.20 COP
Cooling Mode: Capacity = 192 kBtu/h, , Air Economizer
Proposed Efficiency = 13.00 EER, Required Efficiency = 10.60 EER
Proposed Part Load Efficiency = 25.30 IEER, Required Part Load Efficiency = 11.60 IEER

1 HVAC System (Unknown):
VRF Condensing Unit, Air Cooled w/ Heat Recovery Heat Pump
Heating Mode: Capacity = 215 kBtu/h,
No minimum efficiency requirement applies
Cooling Mode: Capacity = 192 kBtu/h,
No minimum efficiency requirement applies
Fan System: None

1 HVAC System (Unknown):
VRF Condensing Unit, Air Cooled Heat Pump
Heating Mode: Capacity = 135 kBtu/h,
No minimum efficiency requirement applies
Cooling Mode: Capacity = 120 kBtu/h,
No minimum efficiency requirement applies
Fan System: None

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 187 kBtu/h, Air Economizer
No minimum efficiency requirement applies
Fan System: FAN SYSTEM 4 -- Compliance (Brake HP and fan efficiency method) : Passes

Quantity — System Type & Description

Fans:
FAN 3 Supply, Constant Volume, 6000 CFM, 7.5 motor nameplate hp, 6.0 design brake hp (6.0 max. BHP), 85.0 fan efficiency grade, 91.4 total fan efficiency, 86.0 design fan efficiency
Pressure Drop Credits:
Particulate filtration credit: MERV 13 through 15, 1.3072 credit

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 187 kBtu/h, Air Economizer
No minimum efficiency requirement applies
Fan System: FAN SYSTEM 4 -- Compliance (Brake HP and fan efficiency method) : Passes

Fans:
FAN 3 Supply, Constant Volume, 6000 CFM, 7.5 motor nameplate hp, 6.0 design brake hp (6.0 max. BHP), 85.0 fan efficiency grade, 91.4 total fan efficiency, 86.0 design fan efficiency
Pressure Drop Credits:
Particulate filtration credit: MERV 13 through 15, 1.3072 credit

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 54 kBtu/h, No Economizer, Economizer exception: Heat Recovery System
No minimum efficiency requirement applies

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 12 kBtu/h, Air Economizer
No minimum efficiency requirement applies

2 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 18 kBtu/h, Air Economizer
No minimum efficiency requirement applies

3 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 30 kBtu/h, Air Economizer
No minimum efficiency requirement applies

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 72 kBtu/h, Air Economizer
No minimum efficiency requirement applies

1 HVAC System (Single Zone):
Cooling: 1 each - VRF Zone Fan Unit, Capacity = 72 kBtu/h, Air Economizer
No minimum efficiency requirement applies

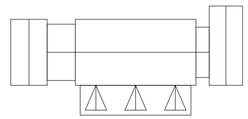
Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Werner Tietjen-Partner — Name - Title
Signature
6/23/22 — Date

STATE OF NEW YORK · WERNER E. TIETJEN · LICENSED PROFESSIONAL ENGINEER · 45629

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR DOB REVIEW / PERMIT

STRUCTURAL ENGINEER
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Nyack, NY 10960
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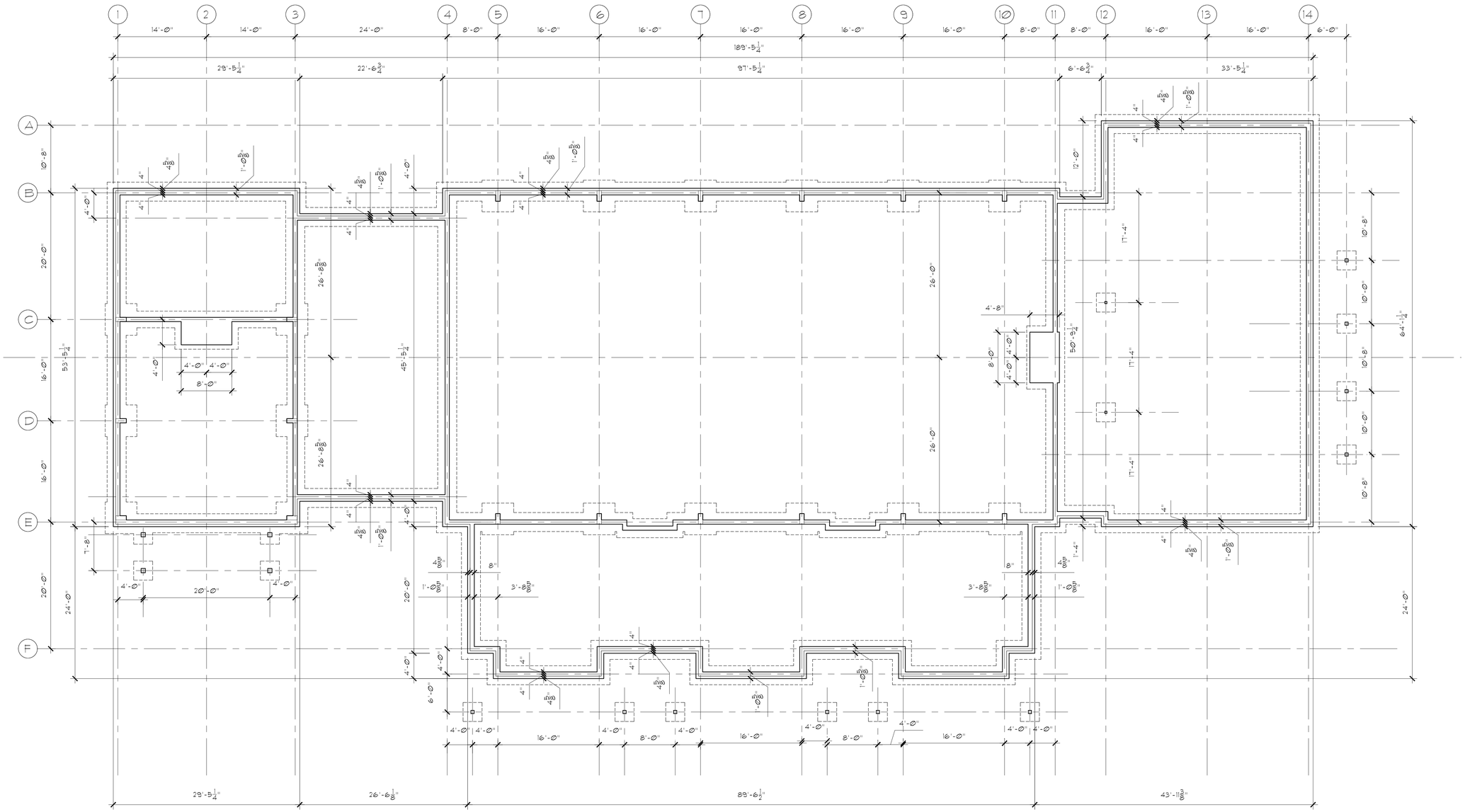
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
ENERGY COMCHECK: MECHANICAL & LIGHTING

Seal & Signature

REGISTERED ARCHITECT · MICHAEL LORENZO TRIBE · 032039 · STATE OF NEW YORK

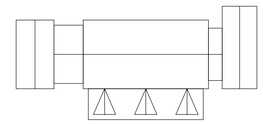
Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, NL
CHK BY: NL
DWG No:
EN-201
CADD FILE No:
W:\2005 Girl Scouts of Greater NY



1 FOUNDATION PLAN

SCALE: 1/8"=1'-0"

KEY PLAN



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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

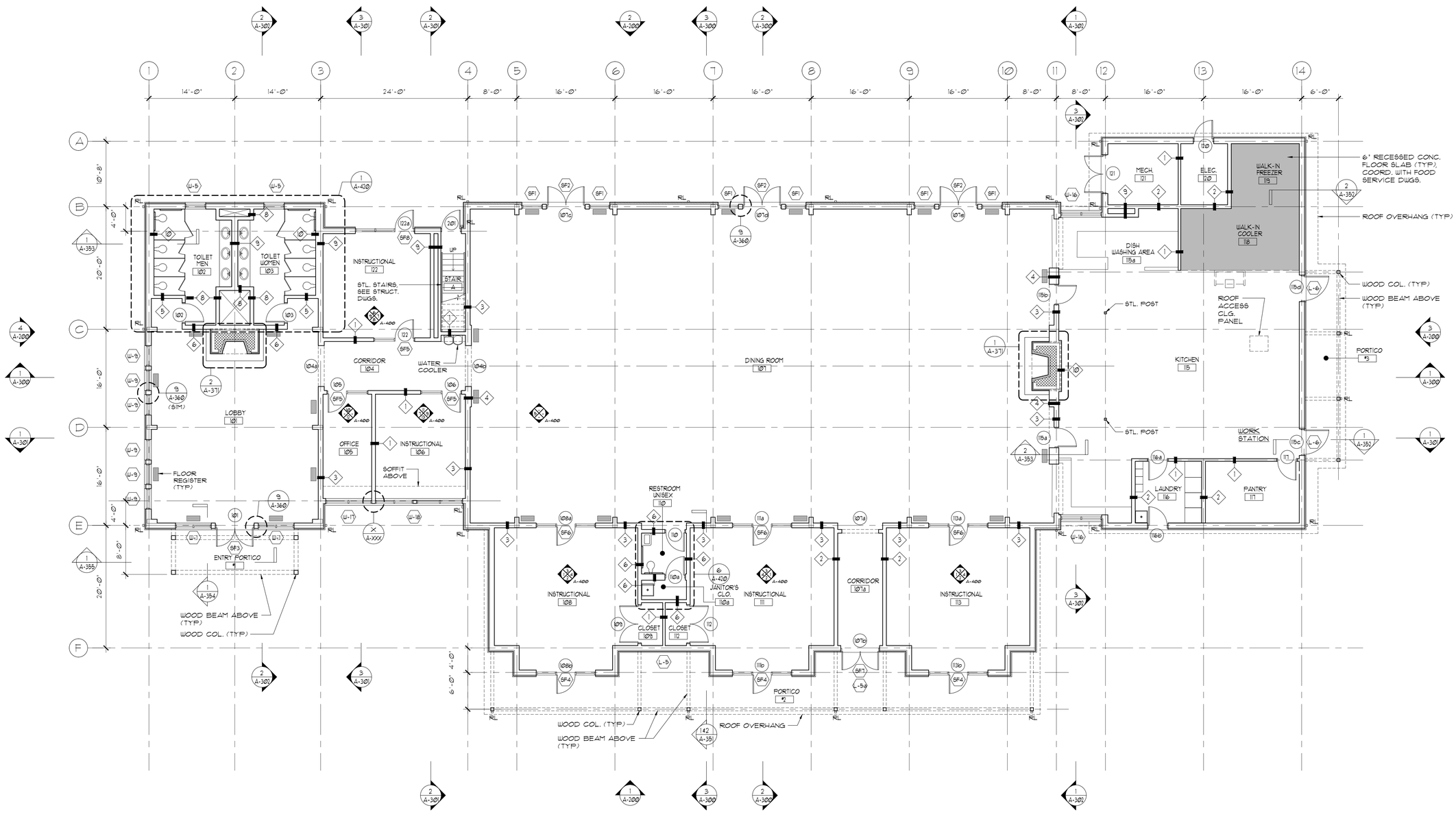
Drawing Title

FOUNDATION PLAN

Seal & Signature

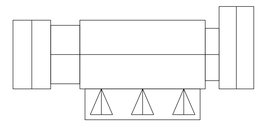
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-100
CADD FILE No:	

W\2005 Girl Scouts of Greater NY



1 FIRST FLOOR CONSTRUCTION PLAN
SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

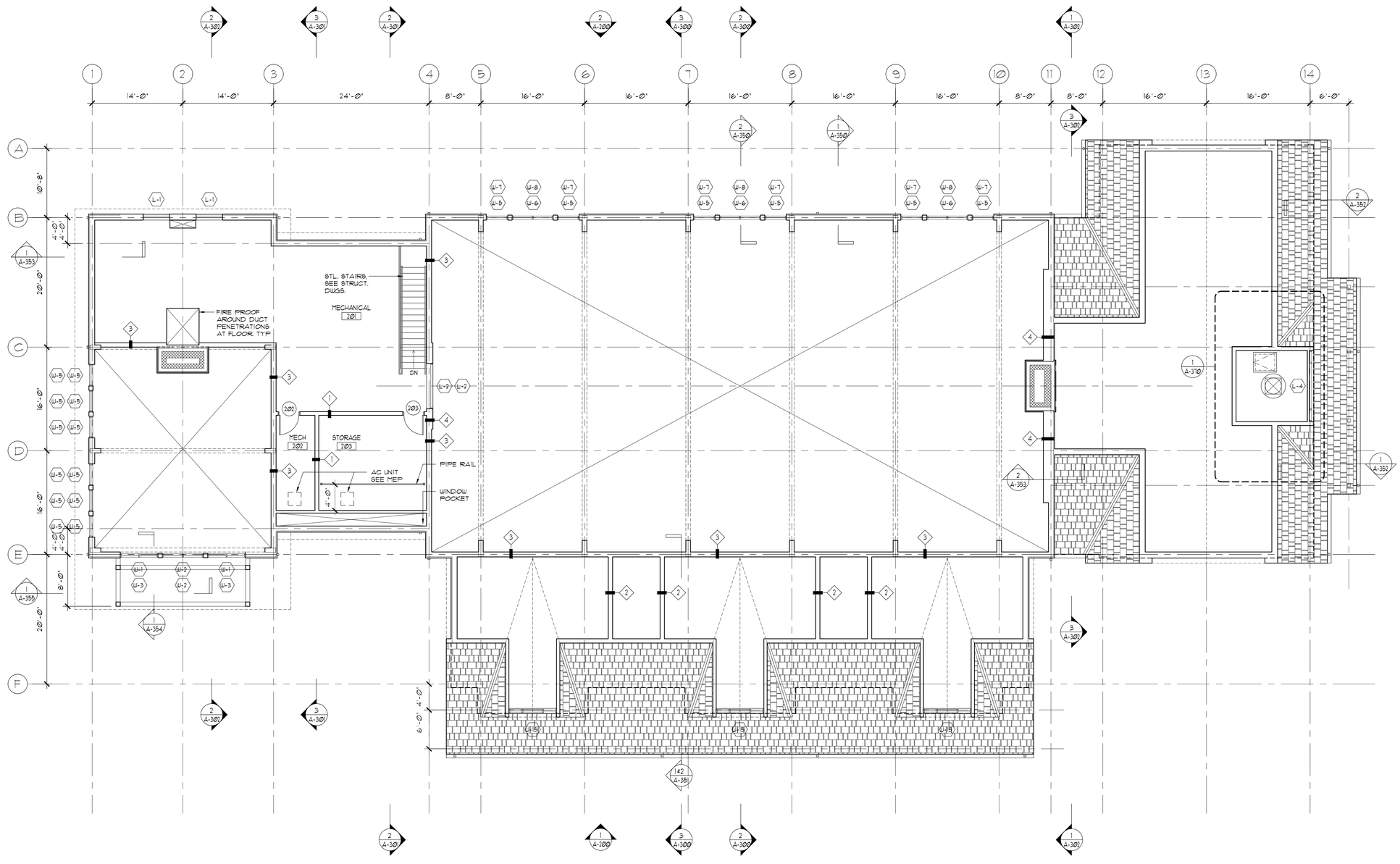
Drawing Title

FIRST FLOOR CONSTRUCTION PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-101
CADD FILE No:	

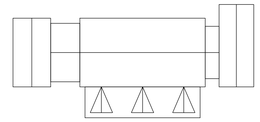
W\2005 Girl Scouts of Greater NY



1 SECOND FLOOR CONSTRUCTION PLAN

SCALE: 1/8"=1'-0"

KEY PLAN



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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

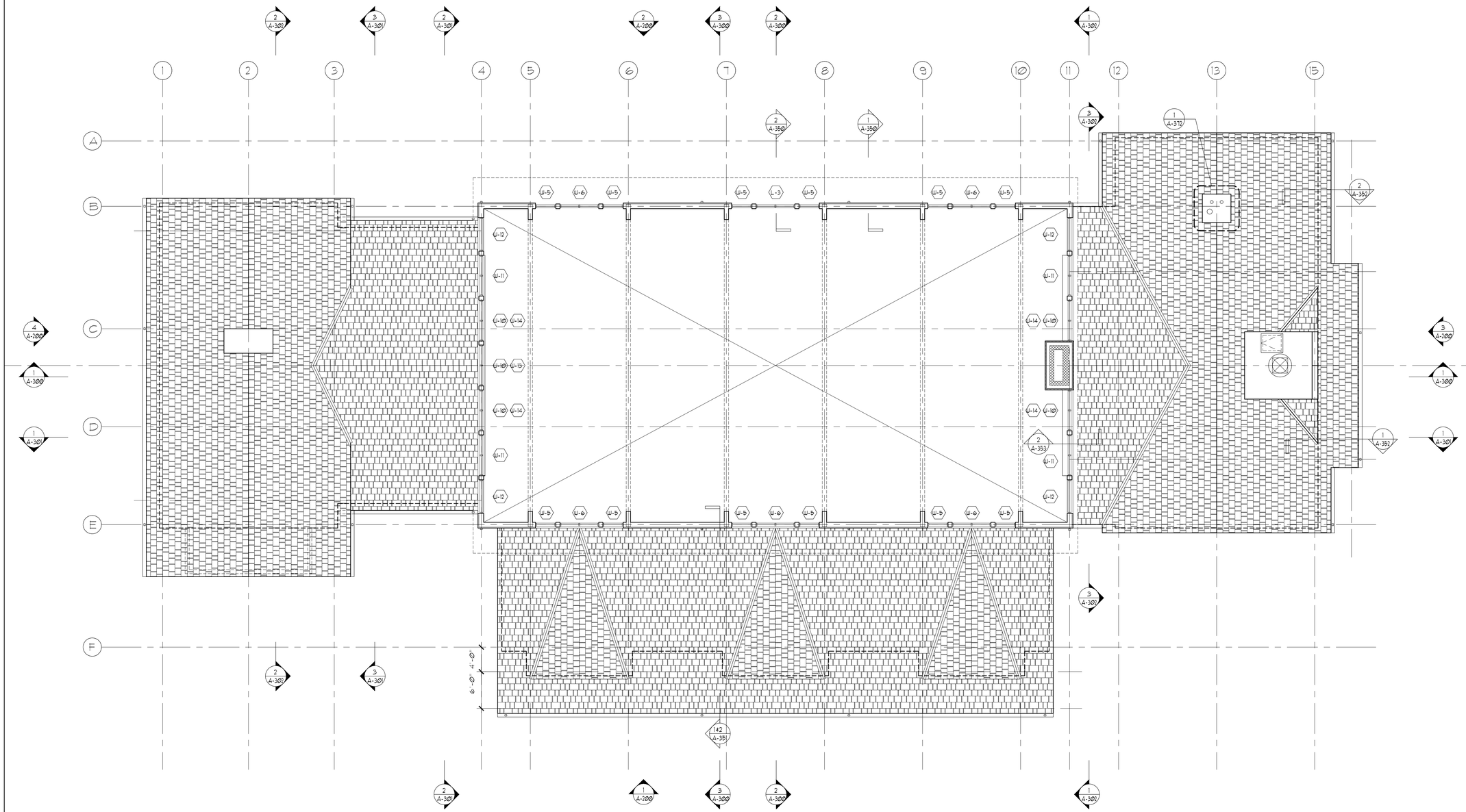
Drawing Title

MEZZANINE FLOOR CONSTRUCTION PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-102
CADD FILE No:	

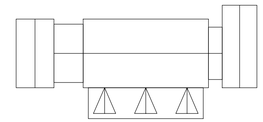
W:\2005 Girl Scouts of Greater NY



1 CLERESTORY PLAN

SCALE: 1/8"=1'-0"

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

CLERESTORY PLAN

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:
A-103
CADD FILE No:

W:\2005 Girl Scouts of Greater NY

DECK TYPE CHART & INSULATION REQUIREMENTS

ROOF AREA	DECK TYPE	STARTING THICKNESS OF NEW INSULATION	MINIMUM R-VALUE OF NEW INSULATION	AVERAGE THICKNESS OF NEW INSULATION	AVERAGE R-VALUE OF NEW INSULATION
A	WOOD	8"	30	8"	45.6
A-1	METAL	2"	38	4"	60.8
B	METAL	4"	38	4"	60.8
C	WOOD	8"	30	8"	45.6
D	METAL	4"	38	4"	60.8
E	METAL	4"	38	4"	60.8
E-1	WOOD	N/A	N/A	N/A	N/A
F	METAL	4"	38	4"	60.8
G	METAL	4"	38	4"	60.8
G-1	WOOD	N/A	N/A	N/A	N/A

NOTES:

1. ON AREAS 'A' & 'C' INSTALL INSULATION WITH A MINIMUM R-VALUE OF 30 FOR CONTINUOUS INSULATION ENTIRELY ABOVE THE DECK, TO MEET THE NYS ENERGY CONSERVATION CONSTRUCTION CODE, INCLUDING THE INTERNATIONAL ENERGY CONSERVATION CODE AND THE NY STATE SUPPLEMENT, FOR A BUILDING IN CLIMATE ZONE 4.
2. ON AREAS 'B', 'D', 'E', 'F', & 'G' INSTALL 4" THICK FLAT ISOCYANURATE INSULATION ON TOP OF THE DECK AND CLOSED CELL SPRAYED FOAM INSULATION COVERED WITH AN INTUMESCENT COATING, ON THE UNDERSIDE OF THE ROOF DECK - THICKNESS APPROXIMATELY 6-1/2", MINIMUM R-VALUE 38, IN ADDITION TO THE ISOCYANURATE INSULATION BEING INSTALLED ON TOP OF THE ROOF DECK.
3. ON AREAS 'E-1' & 'G-1', THE SPACE BELOW IS OPEN TO EXTERIOR.

CODE COMPLIANCE REQUIREMENTS:

1. INSTALL NEW ROOFING TO MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   A. NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, WHICH INCLUDES BY REFERENCE THE NEW YORK STATE ENERGY CONSERVATION CODE.
   B. UNDERWRITERS LABORATORIES INC. CLASS A EXTERNAL FIRE RATING FOR ROOF ASSEMBLIES TESTED IN ACCORDANCE WITH ASTM E 108 OR UL 790.
   C. UNDERWRITERS LABORATORIES INC. STANDARD 1256 FOR ROOF ASSEMBLIES WITH FOAM INSULATION.
2. INSTALL ROOFING TO COMPLY WITH THE WIND UPLIFT REQUIREMENTS OF THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, BASED ON THIS CRITERIA:
   - RISK CATEGORY III
   - BASIC WIND SPEED 130 MPH
   - EXPOSURE CATEGORY B
   - BUILDING HEIGHT 30 FT.
3. INSTALL ROOFING AS INDICATED TO RESIST THE FOLLOWING UPLIFT LOADS, CALCULATED IN ACCORDANCE WITH ASCE 7 USING A SAFETY FACTOR OF 2:
   - FIELD ZONE: 60 PSF
   - PERIMETER ZONE: 100 PSF
   - CORNER ZONE: 150 PSF
4. FABRICATE AND INSTALL ROOF PERIMETER FLASHINGS THAT COMPLY WITH THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND WITH ANSI/SPRI ES-1 "WIND STANDARD FOR EDGE SYSTEMS USED WITH LOW SLOPE ROOFING SYSTEMS", ON A BUILDING USING THE CRITERIA DESCRIBED ABOVE.
5. FABRICATE AND INSTALL WOOD BLOCKING COMPONENTS TO RESIST A FORCE OF 275 POUNDS PER LINEAL FOOT APPLIED IN ANY DIRECTION.

NOTES:

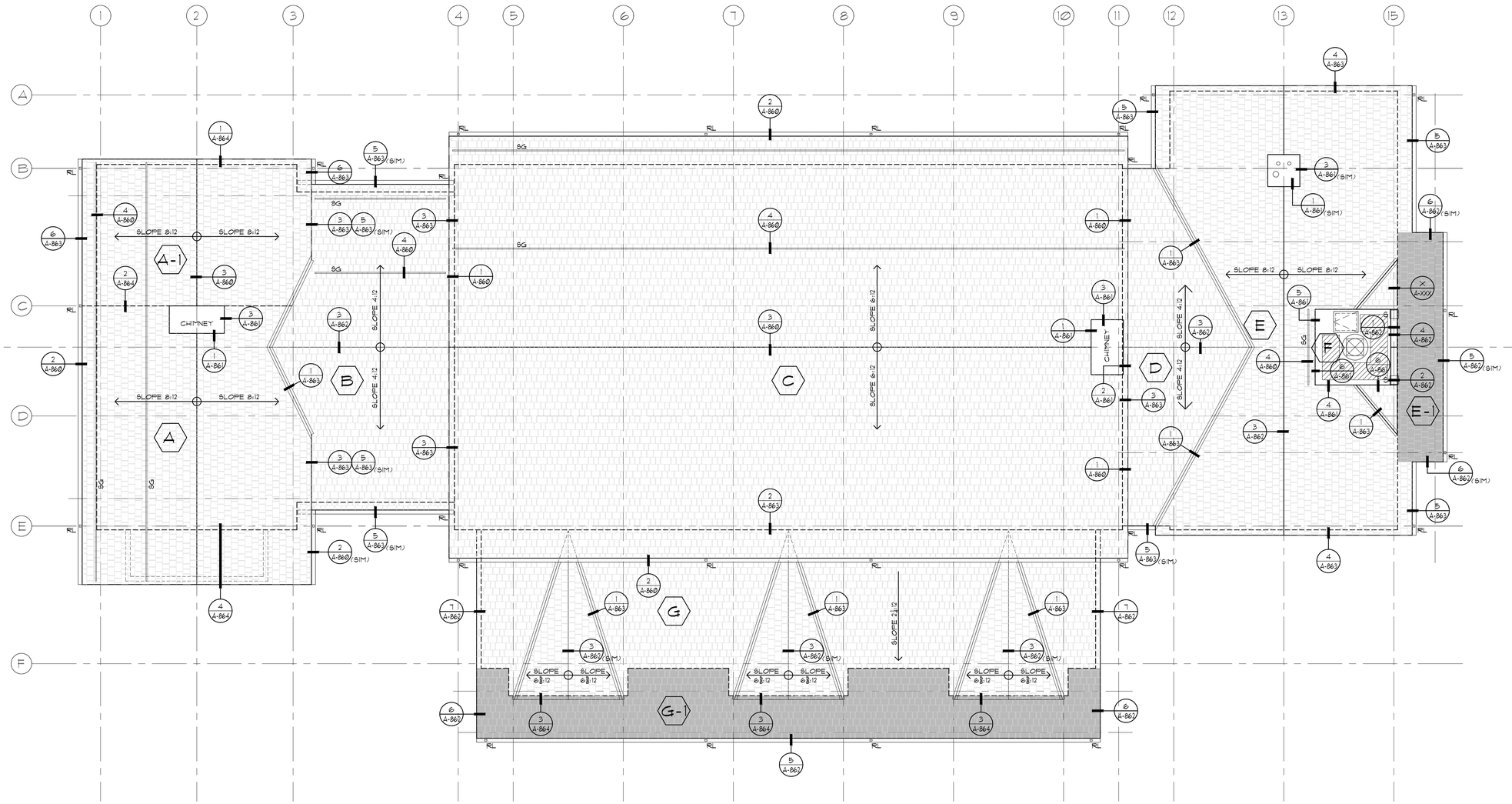
1. DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND MUST BE CONFIRMED BY THE CONTRACTOR. ONLY CERTAIN FASTENERS ARE SHOWN ON THE DRAWINGS, REFER TO THE SPECIFICATIONS FOR ADDITIONAL FASTENER REQUIREMENTS.
2. GENERAL TRADES CONTRACTOR SHALL CUT OUT ALL ROOF OPENINGS AND PROVIDE STEEL REINFORCING UNDER DECK, BLOCKING & PATCHING OF ROOF, PITCH POCKETS, CAP FLASHING, ETC. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL MECHANICAL CURBS.
3. COORDINATE ALL ROOF PENETRATIONS WITH MECHANICAL DRAWINGS.

ROOF PROTECTION NOTES:

1. AVOID WALKING ON NEW AND EXISTING N.I.C. ROOF AREAS.
2. DO NOT STORE MATERIAL OR EQUIPMENT, AND DO NOT PILE DEBRIS ON NEW ROOF AREAS.
3. INSTALL 1 INCH THICK EXTRUDED POLYSTYRENE INSULATION OVER 6 MIL FIRE RETARDANT POLYETHYLENE, COVERED WITH 2x10 WOOD PLANKS TO PROTECT ROOFING WHERE CONSTRUCTION WORK AND TRAFFIC WILL OCCUR.
4. NEATLY CUT AND POSITION ROOF PROTECTION COMPONENTS TO FIT WITHIN 1/2 INCH OF ROOF PENETRATIONS, EAVES AND CHANGE IN ELEVATION WALLS.

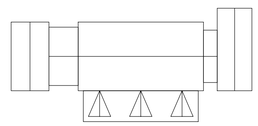
LEGEND

- ASPHALT SHINGLE ROOFING SYSTEM
- OPEN TO EXTERIOR BELOW
- ROOF AREA DESIGNATION
- RL — ROOF GUTTER AND LEADER
- SG — SNOW GUARDS
- V — VENT PIPE
- EXHAUST FAN
- ROOF DECK SLOPE
- S — SCUPPER
- P — PORTAL PLUS CURB
- ROOF HATCH
- WALKWAY PADS



1 ROOF CONSTRUCTION PLAN
SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

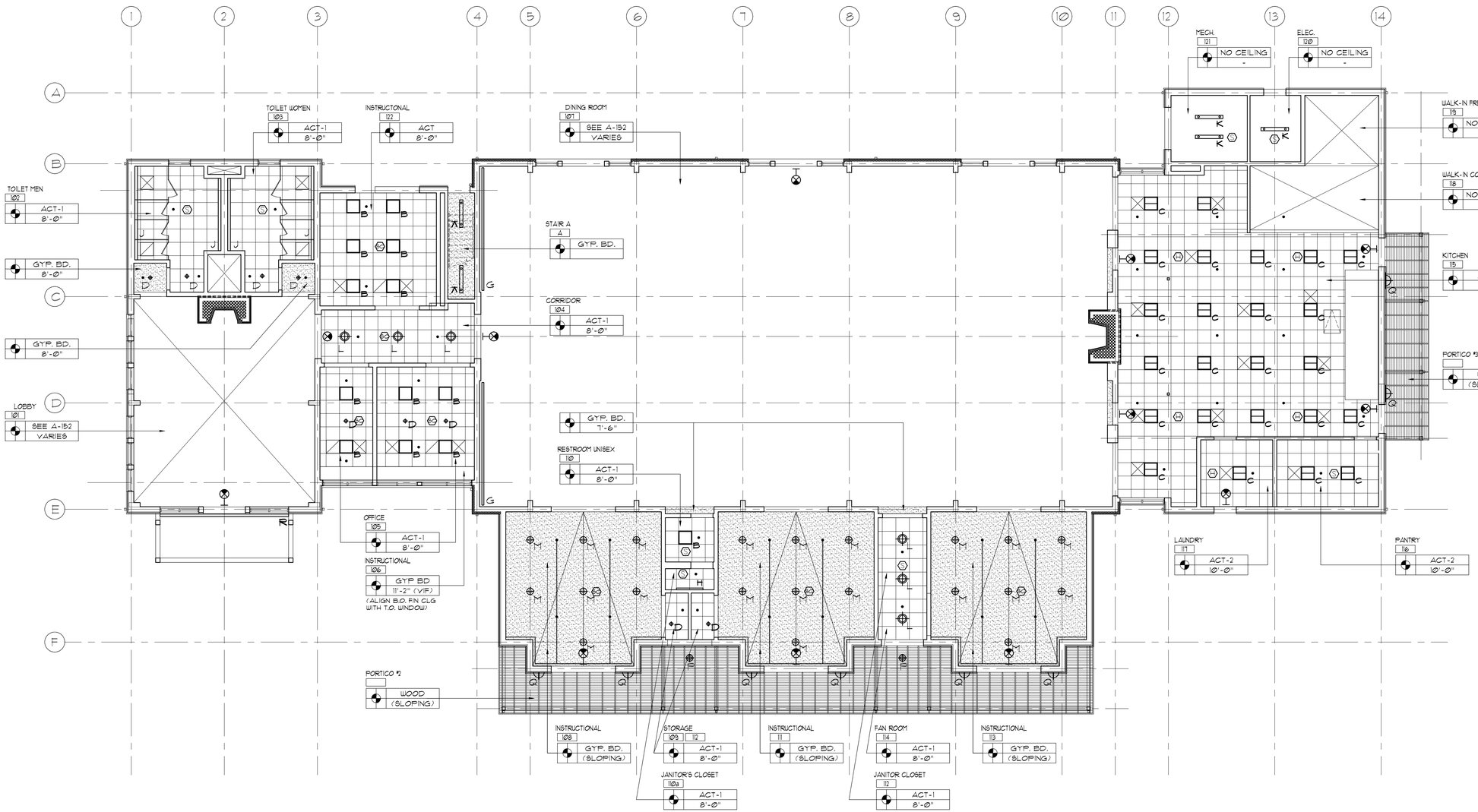
Drawing Title

ROOF CONSTRUCTION PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-104
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



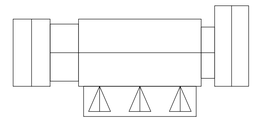
1 FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"

LEGEND

- B — 2'x2' LED RECESSED LIGHT FIXTURE
- C — 2'x2' LED RECESSED LIGHT FIXTURE - WET LOCATION (KITCHEN)
- D — LED RECESSED DOWN LIGHT FIXTURE
- LED SURFACE MOUNTED LIGHT FIXTURE
- G — LED STRIP LIGHT IN CUSTOM COVE
- K J — LED COVE VANITY LIGHT FIXTURE WITH DIFFUSER
- L — LED SURFACE MOUNTED DECORATIVE LIGHT FIXTURE
- M — LED PENDANT DECORATIVE LIGHT FIXTURE
- N — LED PENDANT DECORATIVE LIGHT FIXTURE
- S — LED PENDANT DECORATIVE LIGHT FIXTURE
- T — LED PENDANT DECORATIVE LIGHT FIXTURE - EXTERIOR
- P — EXTERIOR RATED DOWNLIGHT
- Q — EXT. GRADE LED WALL SCONCE
- R — EXIT SIGN
- R — EXIT SIGN WITH DIRECTIONAL ARROW
- H — SMOKE DETECTOR
- SC — SMOKE/CO DETECTOR
- S — SMOKE DETECTOR
- SPRINKLER HEAD
- LINEAR DIFFUSER
- SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- RETURN/EXHAUST AIR GRILLE
- 2'-0"x 2'-0" ACOUSTIC CEILING TILE
- FINISHED GYP. BD. CEILING
- WOOD CEILING
- EXPOSED CEILING STRUCTURE

KEY PLAN



N.T.S.

No.	Date	Revision
3.	06/24/2022	ISSUED FOR BID
2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

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Project Title

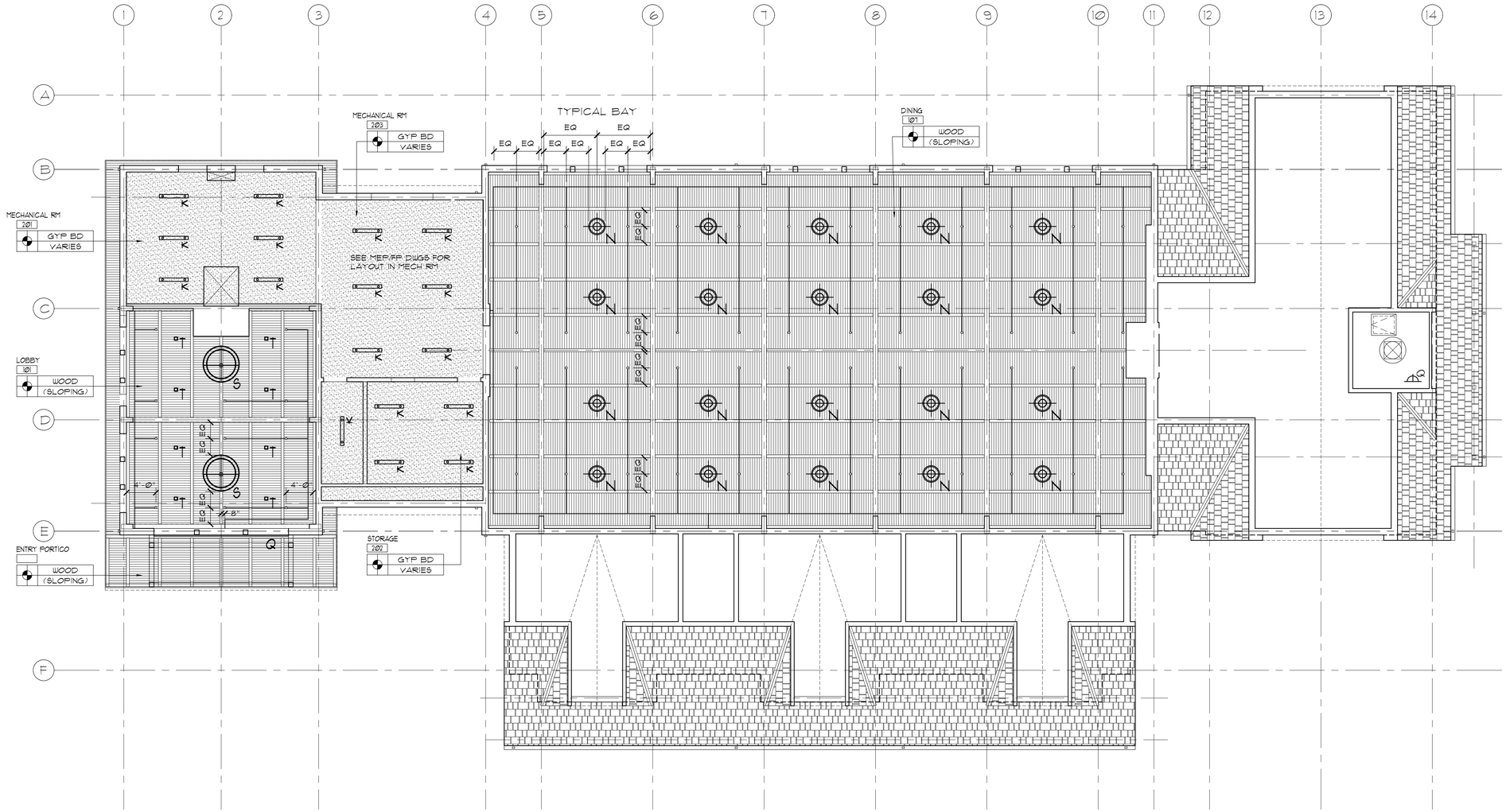
CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

FIRST FLOOR
REFLECTED CEILING PLAN

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: A-151
CADD FILE No:
W:\2005 Girl Scouts of Greater NY



1 MEZZ. FLOOR REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"

LEGEND

- B — 2'x2' LED RECESSED LIGHT FIXTURE
- C — 2'x2' LED RECESSED LIGHT FIXTURE - WET LOCATION (KITCHEN)
- D — LED RECESSED DOWN LIGHT FIXTURE
- LED SURFACE MOUNTED LIGHT FIXTURE
- G — LED STRIP LIGHT IN CUSTOM COVE
- K J — LED COVE VANITY LIGHT FIXTURE WITH DIFFUSER
- L — LED SURFACE MOUNTED DECORATIVE LIGHT FIXTURE
- M — LED PENDANT DECORATIVE LIGHT FIXTURE
- N — LED PENDANT DECORATIVE LIGHT FIXTURE
- S — LED PENDANT DECORATIVE LIGHT FIXTURE
- T — LED PENDANT DECORATIVE LIGHT FIXTURE - EXTERIOR
- P — EXTERIOR RATED DOWNLIGHT
- Q — EXT. GRADE LED WALL SCONCE
- R — EXIT SIGN
- R — EXIT SIGN WITH DIRECTIONAL ARROW
- SMOKE DETECTOR
- SMOKE/CO DETECTOR
- SMOKE DETECTOR
- SPRINKLER HEAD
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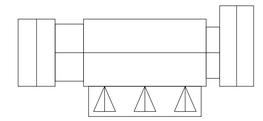
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- RETURN/EXHAUST AIR GRILLE
- 2'-0"x 2'-0" ACOUSTIC CEILING TILE
- FINISHED GYP. BD. CEILING
- WOOD CEILING
- EXPOSED CEILING STRUCTURE

KEY PLAN



N.T.S.

No.	Date	Revision
3.	06/24/2022	ISSUED FOR BID
2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

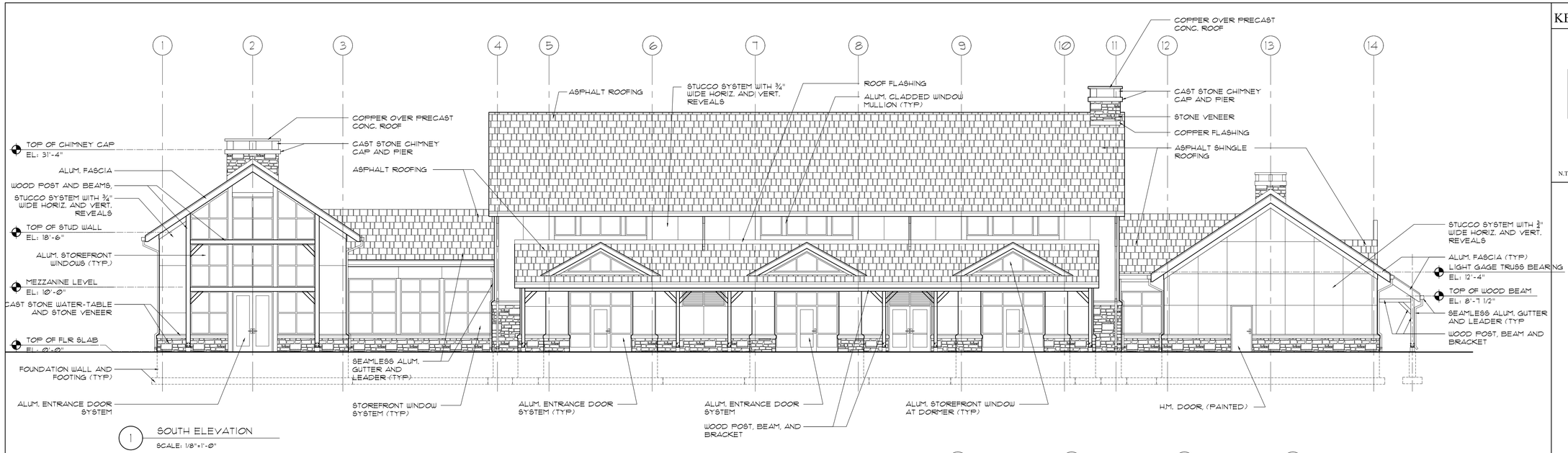
Drawing Title

MEZZANINE FLOOR REFLECTED CEILING PLAN

Seal & Signature

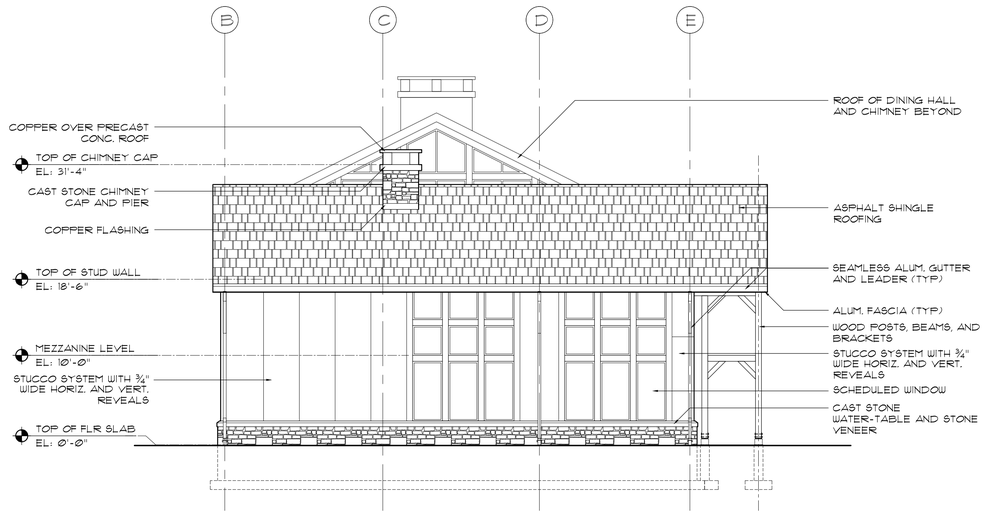
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-152
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 SOUTH ELEVATION

SCALE: 1/8"=1'-0"



3 WEST ELEVATION

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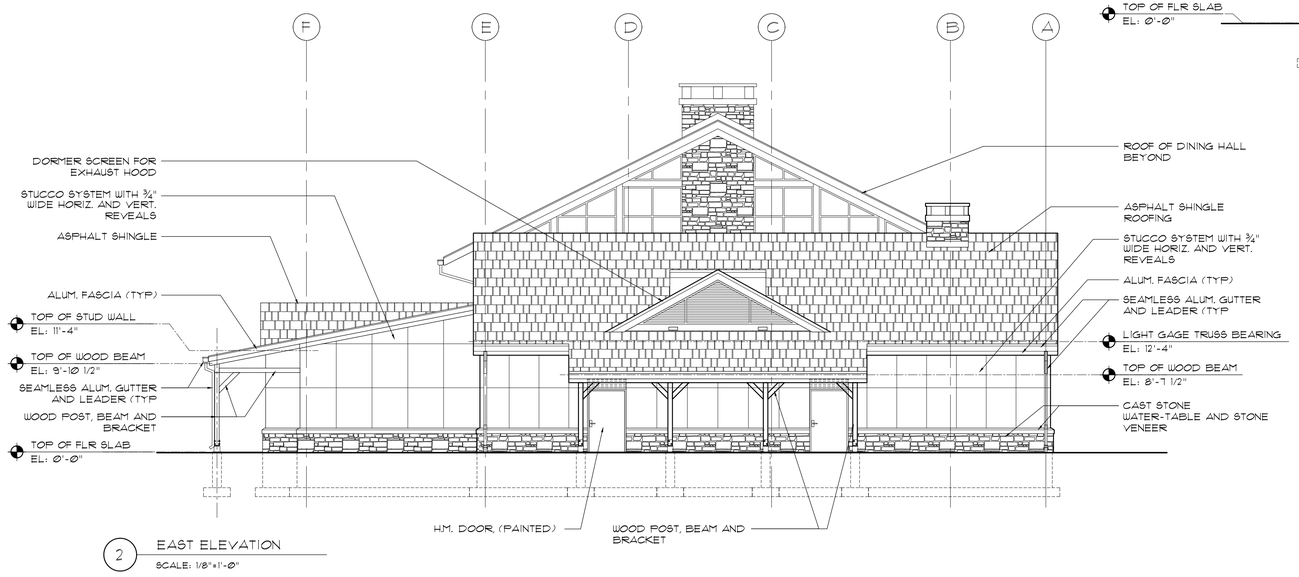
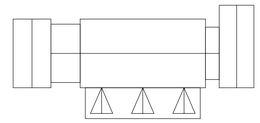


2 EAST ELEVATION

SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

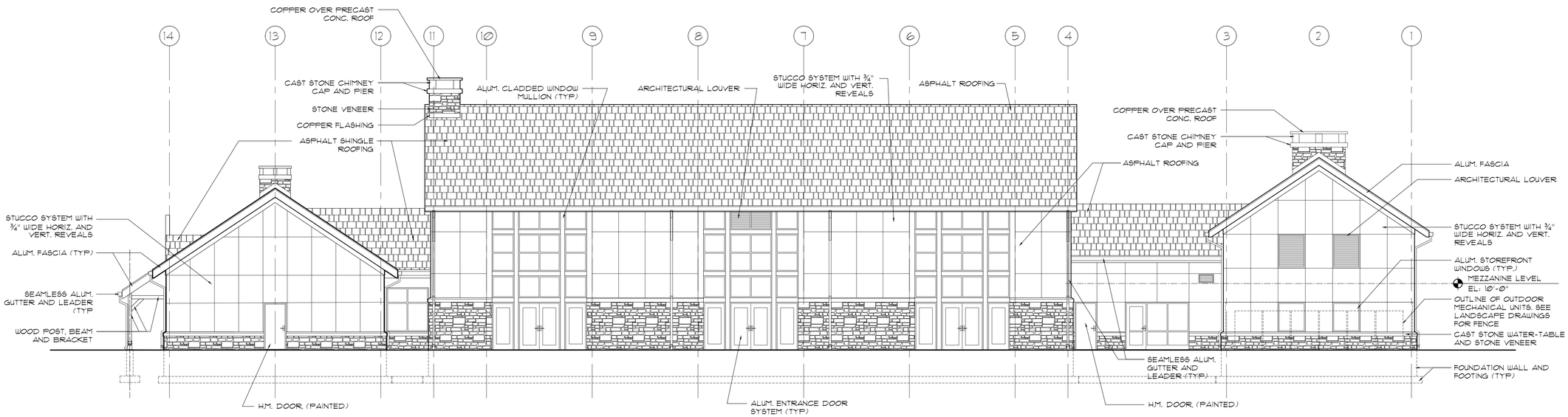
Drawing Title

BUILDING ELEVATIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-200
CADD FILE No:	

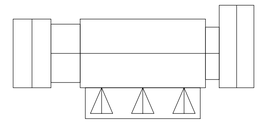
W:\2005 Girl Scouts of Greater NY



1 NORTH ELEVATION

SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

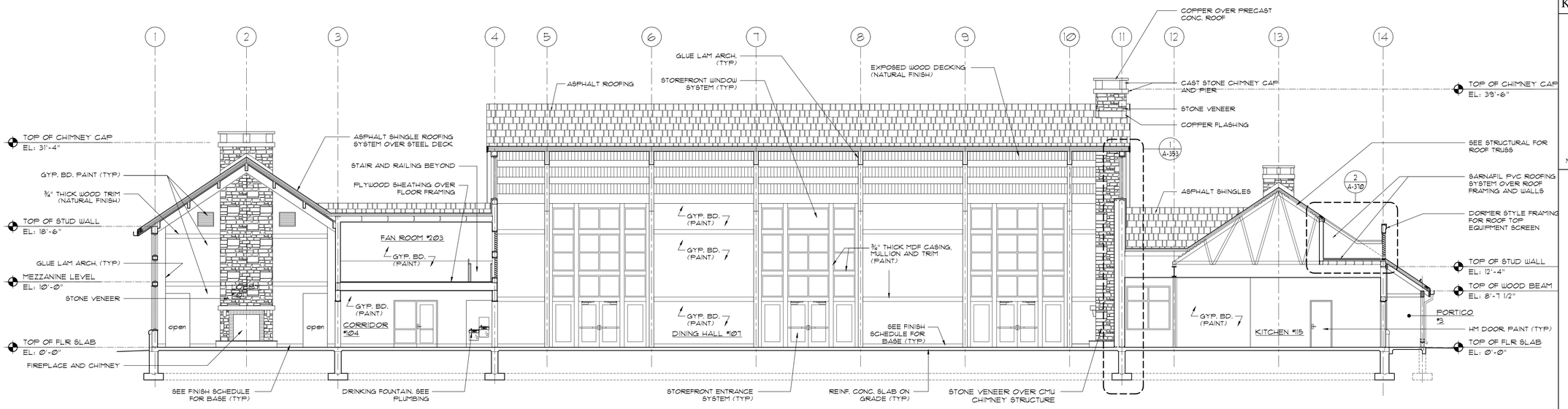
Drawing Title

BUILDING ELEVATIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-201
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



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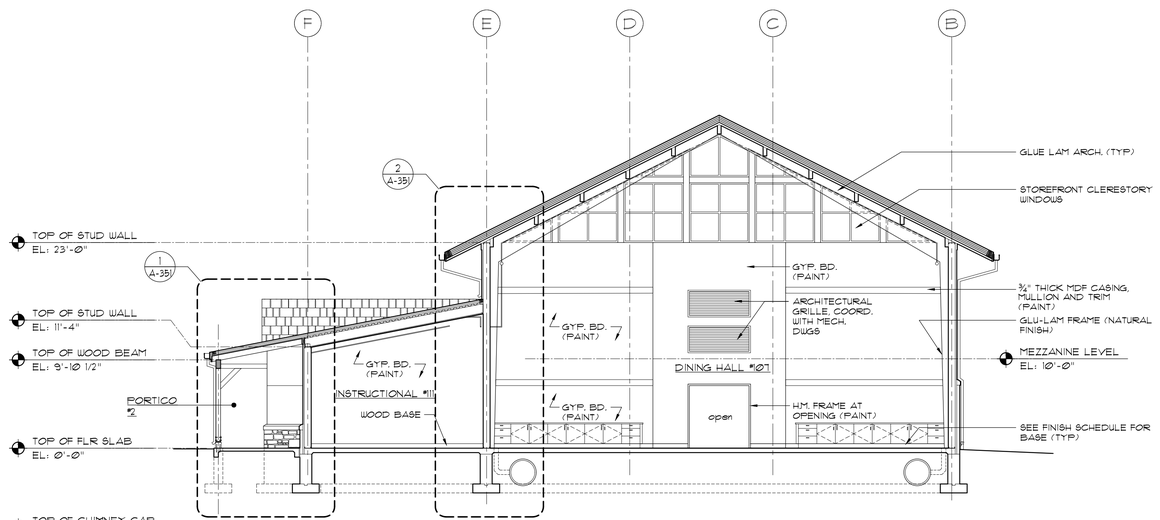

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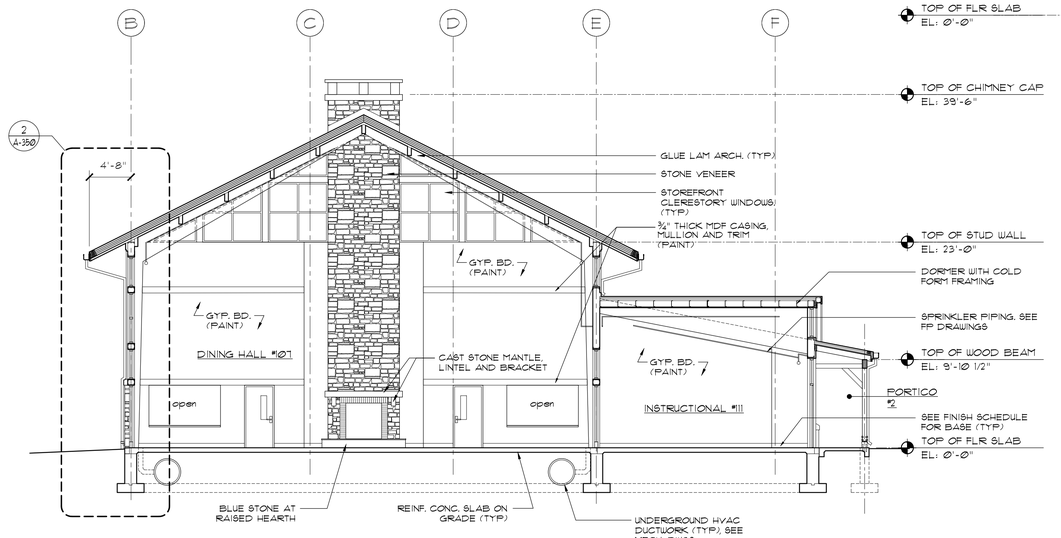

2 BUILDING SECTION
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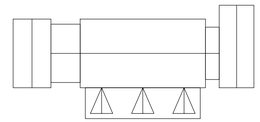
KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

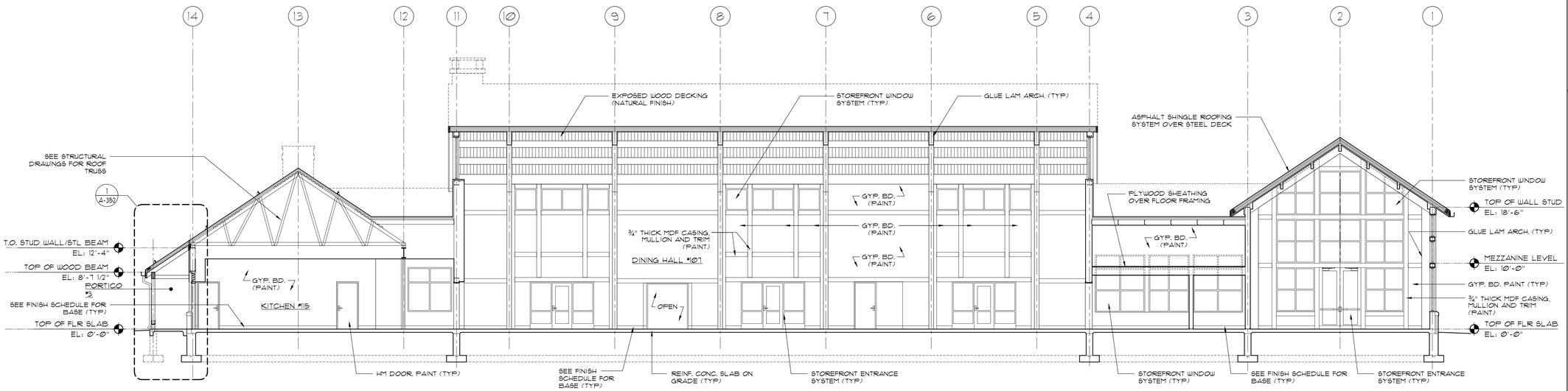
Drawing Title

BUILDING SECTIONS

Seal & Signature

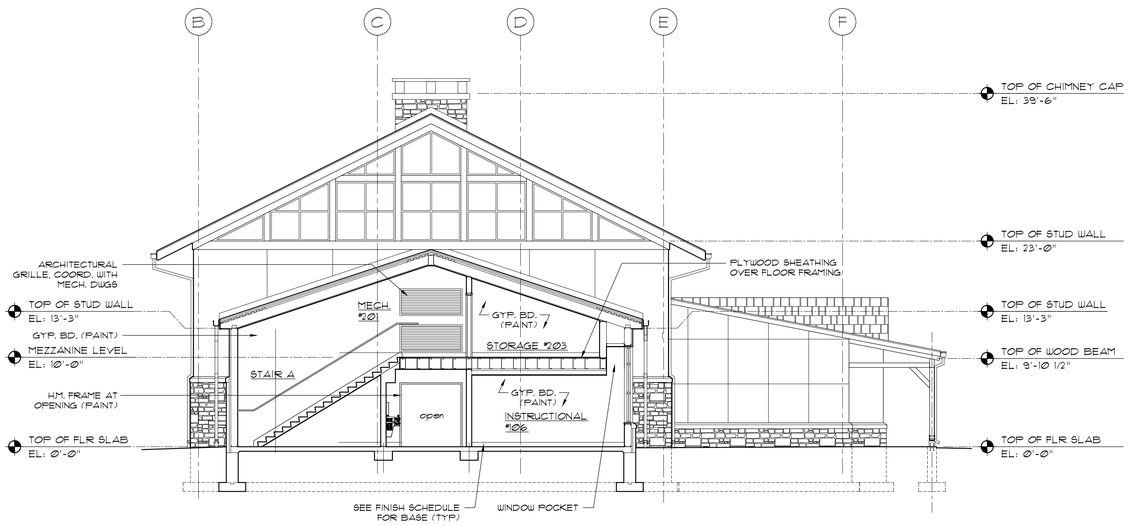
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-300
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 BUILDING SECTION

SCALE: 1/8"=1'-Ø"



2 BUILDING SECTION

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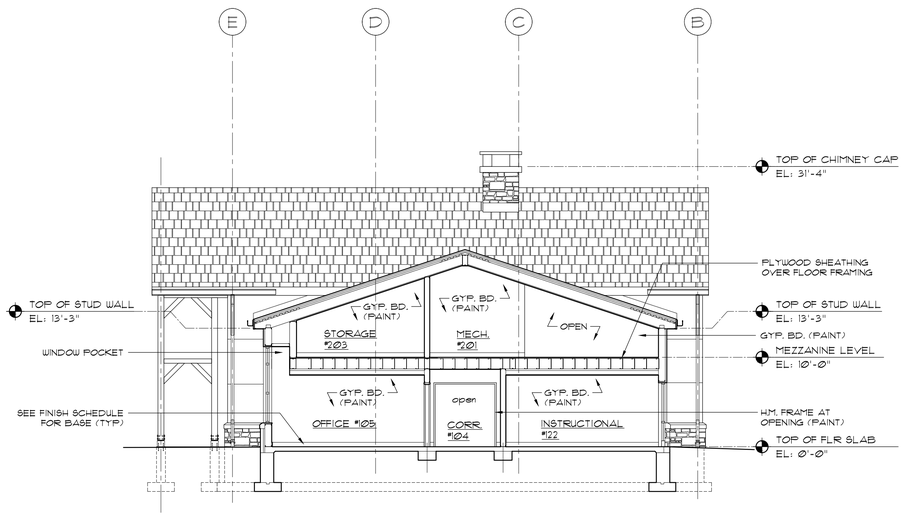
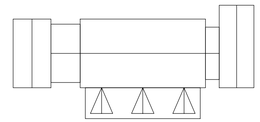


3 BUILDING SECTION

SCALE: 1/8"=1'-Ø"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

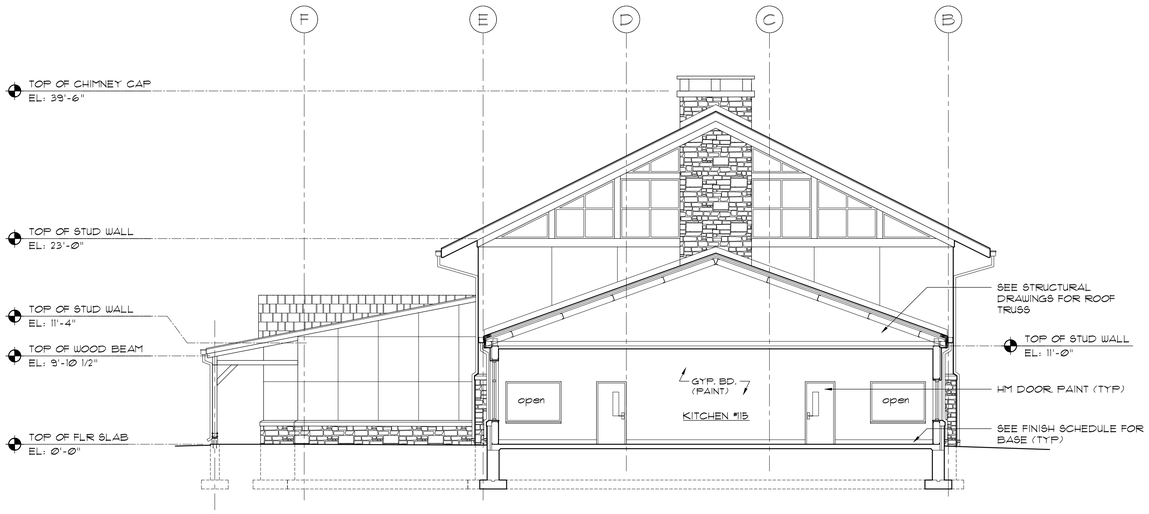
Drawing Title

BUILDING SECTIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-301
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



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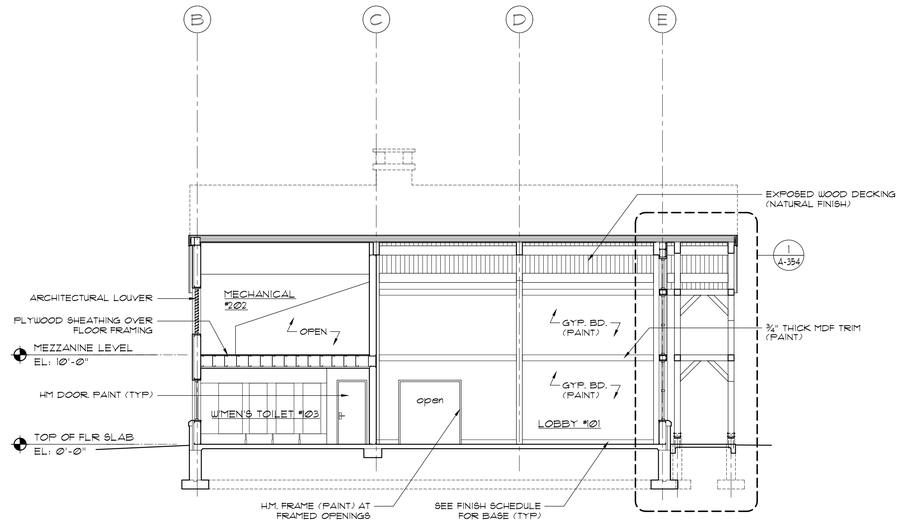
SCALE: 1/8"=1'-0"



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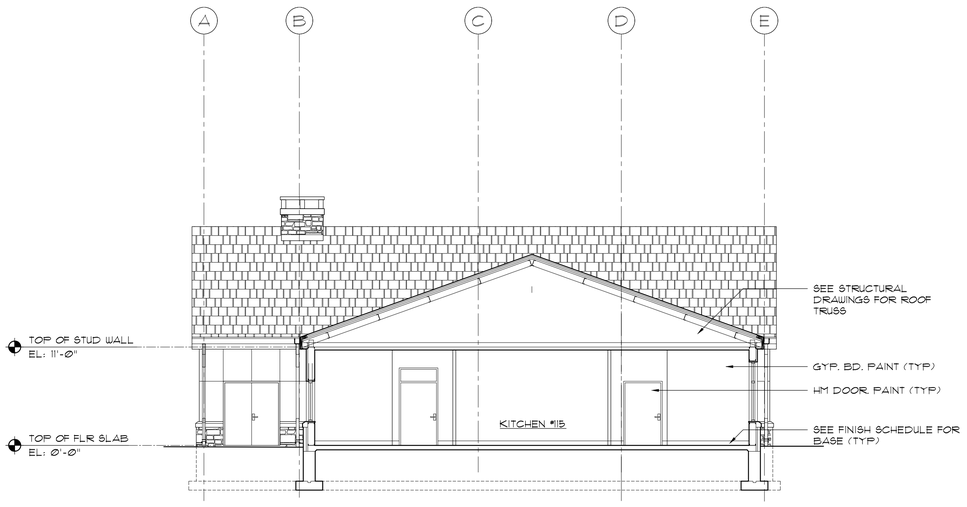
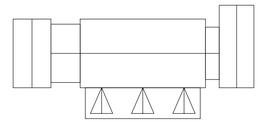
SCALE: 1/8"=1'-0"



3 BUILDING SECTION
SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

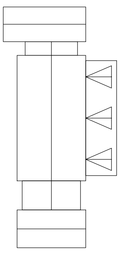
BUILDING SECTIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-302
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

KEY PLAN



N.T.S.

No.	Date	Revisions
1	06/24/2022	ISSUED FOR BID

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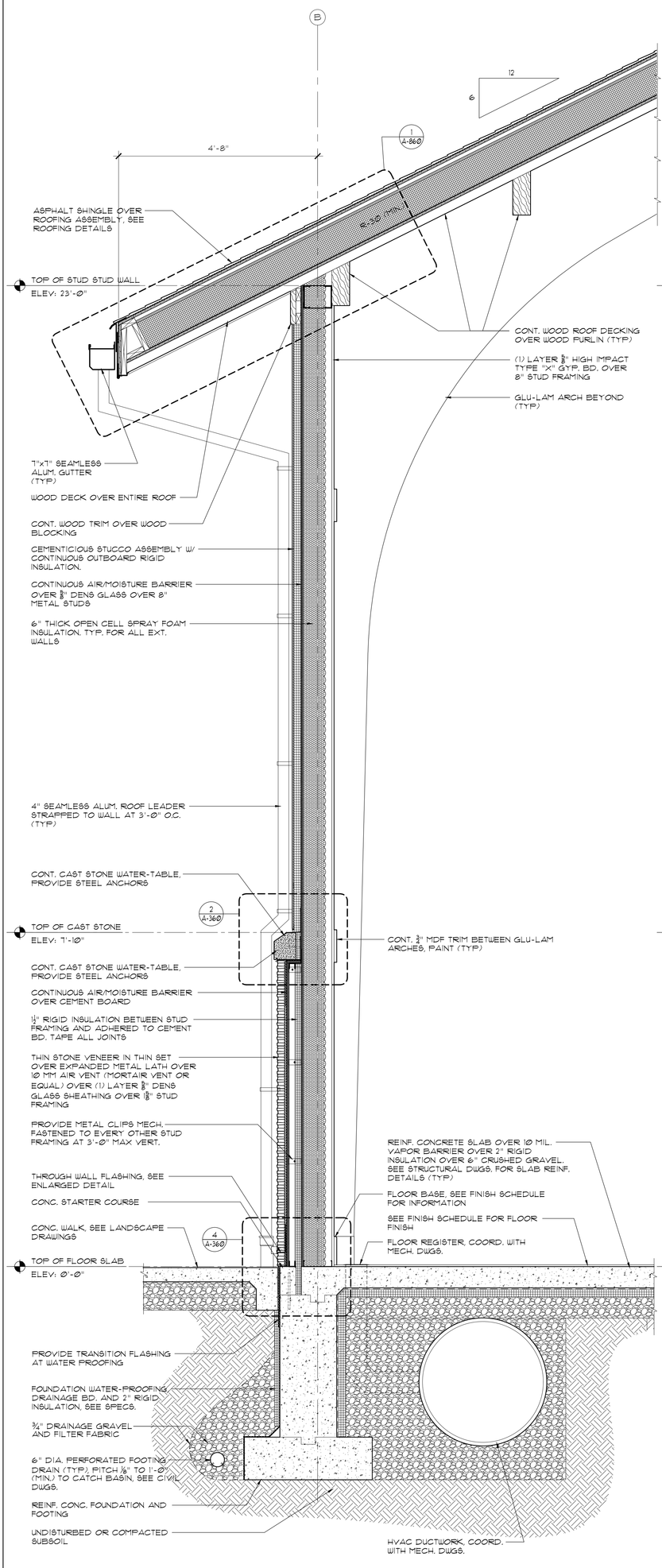
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
WALL SECTIONS

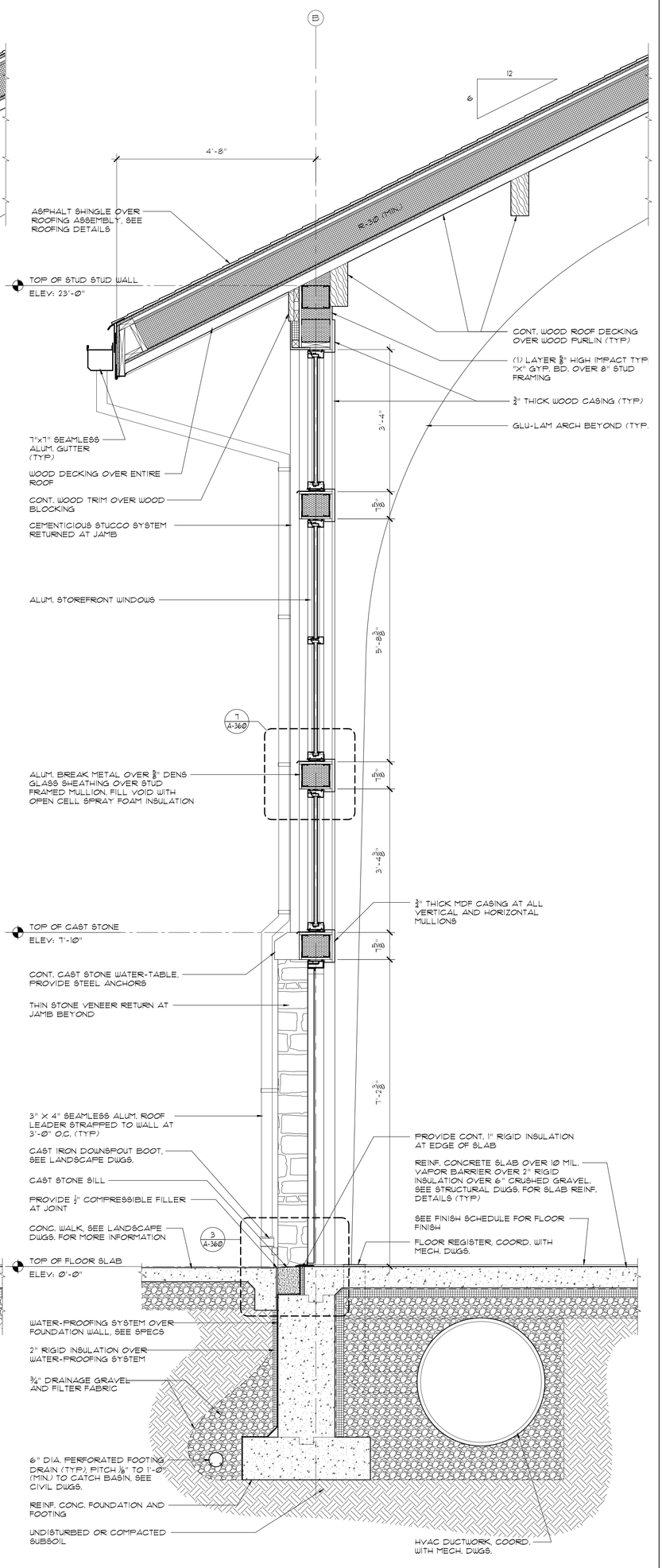
Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: A-350
CADD FILE No:

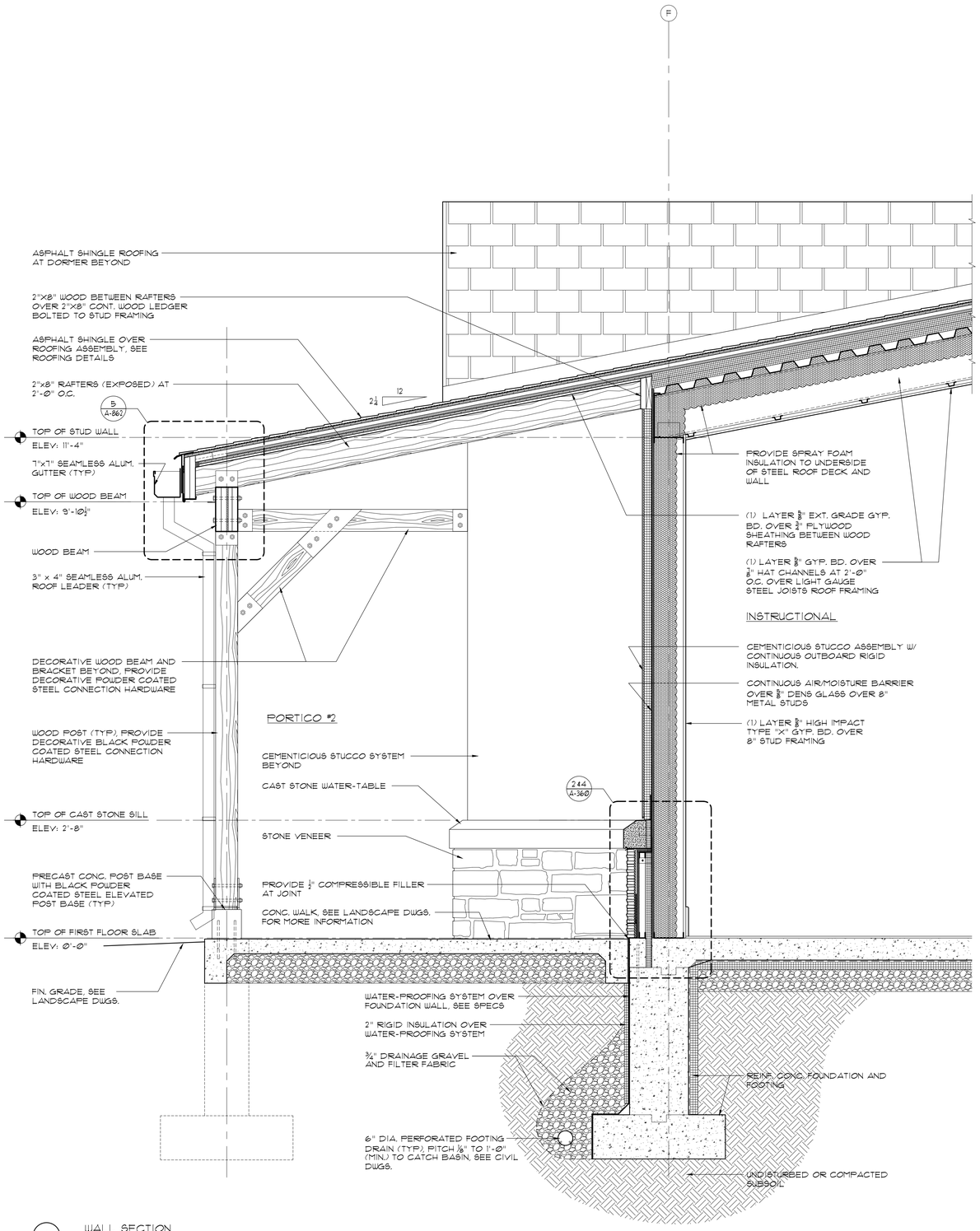
© 2005 Peter Gisolfi Associates NY



1 WALL SECTION
SCALE: 3/4"=1'-0"

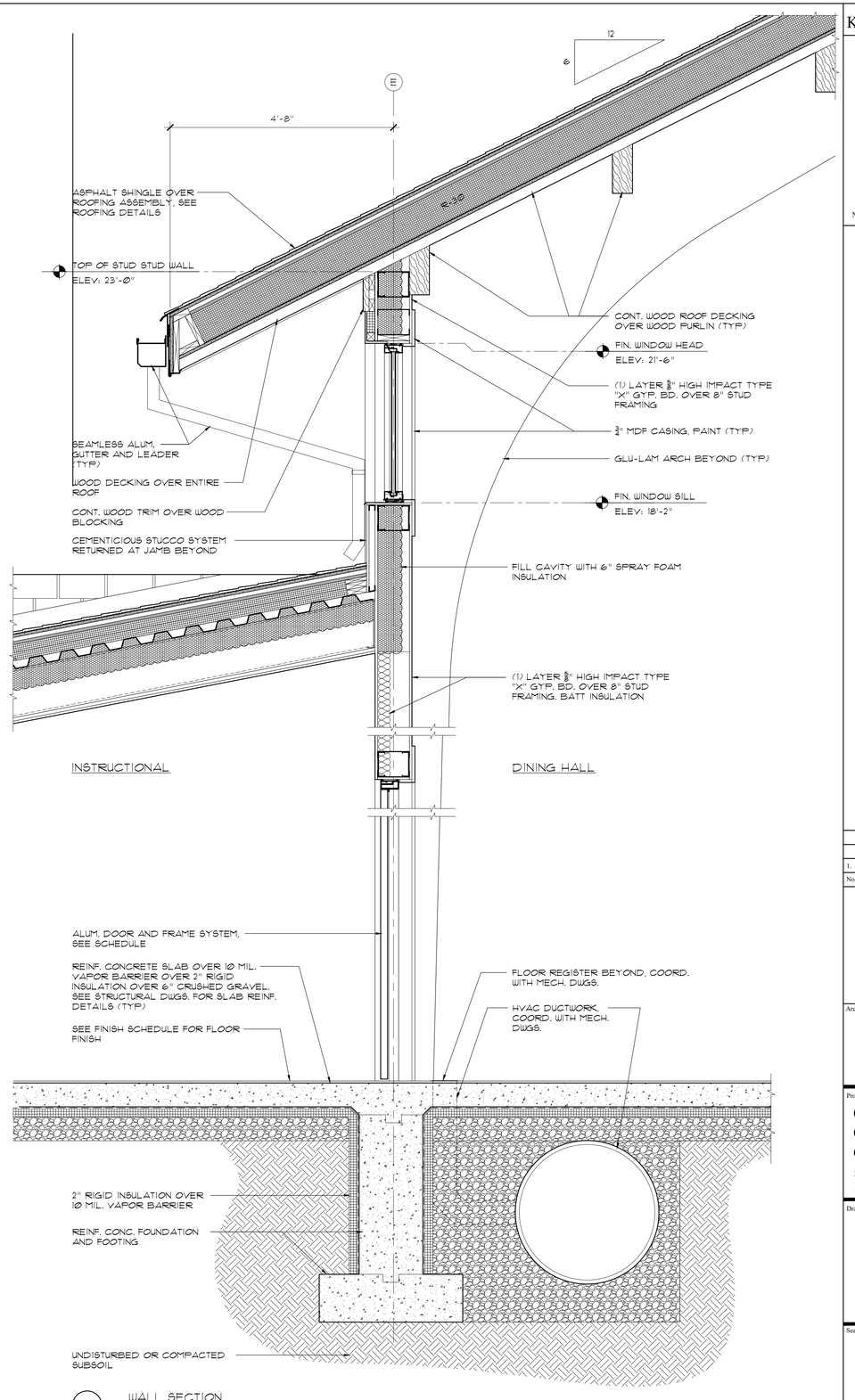


2 WALL SECTION
SCALE: 3/4"=1'-0"



1 WALL SECTION

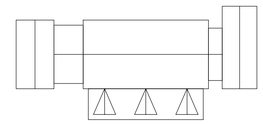
SCALE: 3/4"=1'-Ø"



2 WALL SECTION

SCALE: 3/4"=1'-Ø"

KEY PLAN



N.T.S.

No.	Date	Revision
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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

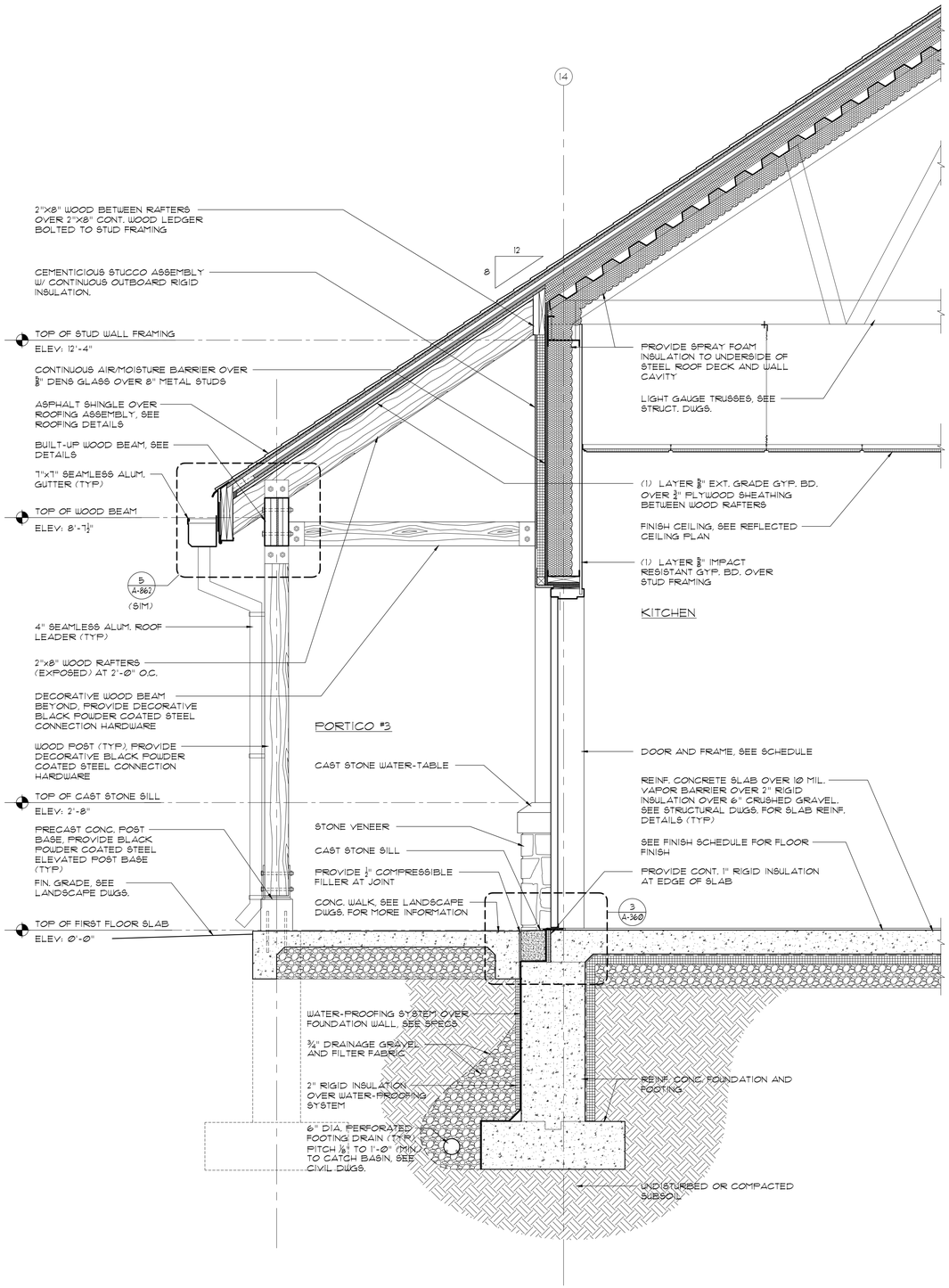
Drawing Title

WALL SECTIONS

Seal & Signature

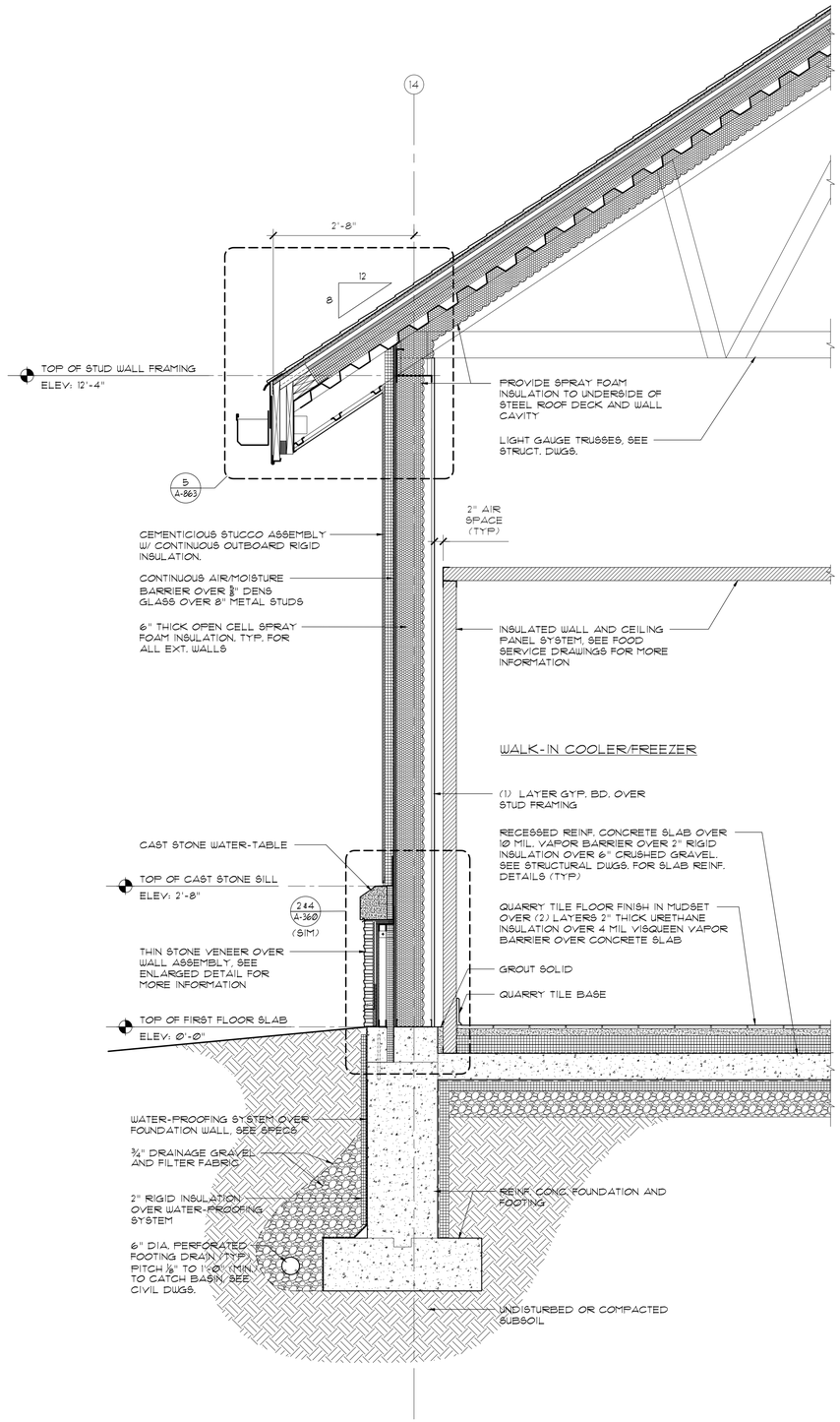
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-351
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 WALL SECTION

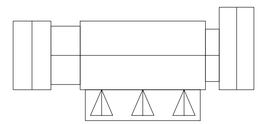
SCALE: 3/4"=1'-0"



2 WALL SECTION

SCALE: 3/4"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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D.R. Pilla Consulting Engineers
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M.E.P. ENGINEER
Tietjen Venegas Consulting Engineers
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Project Title

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GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

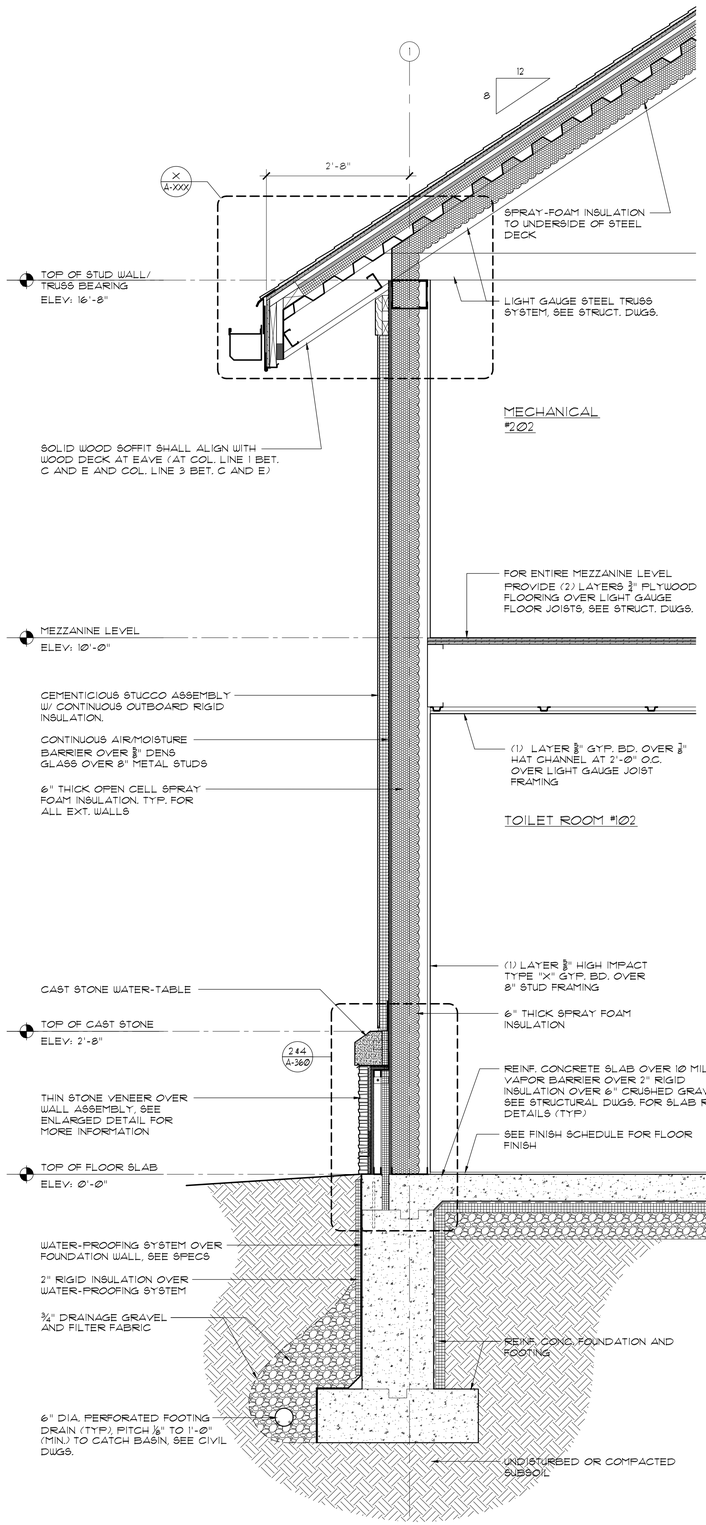
Drawing Title

WALL SECTIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-352
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 WALL SECTION

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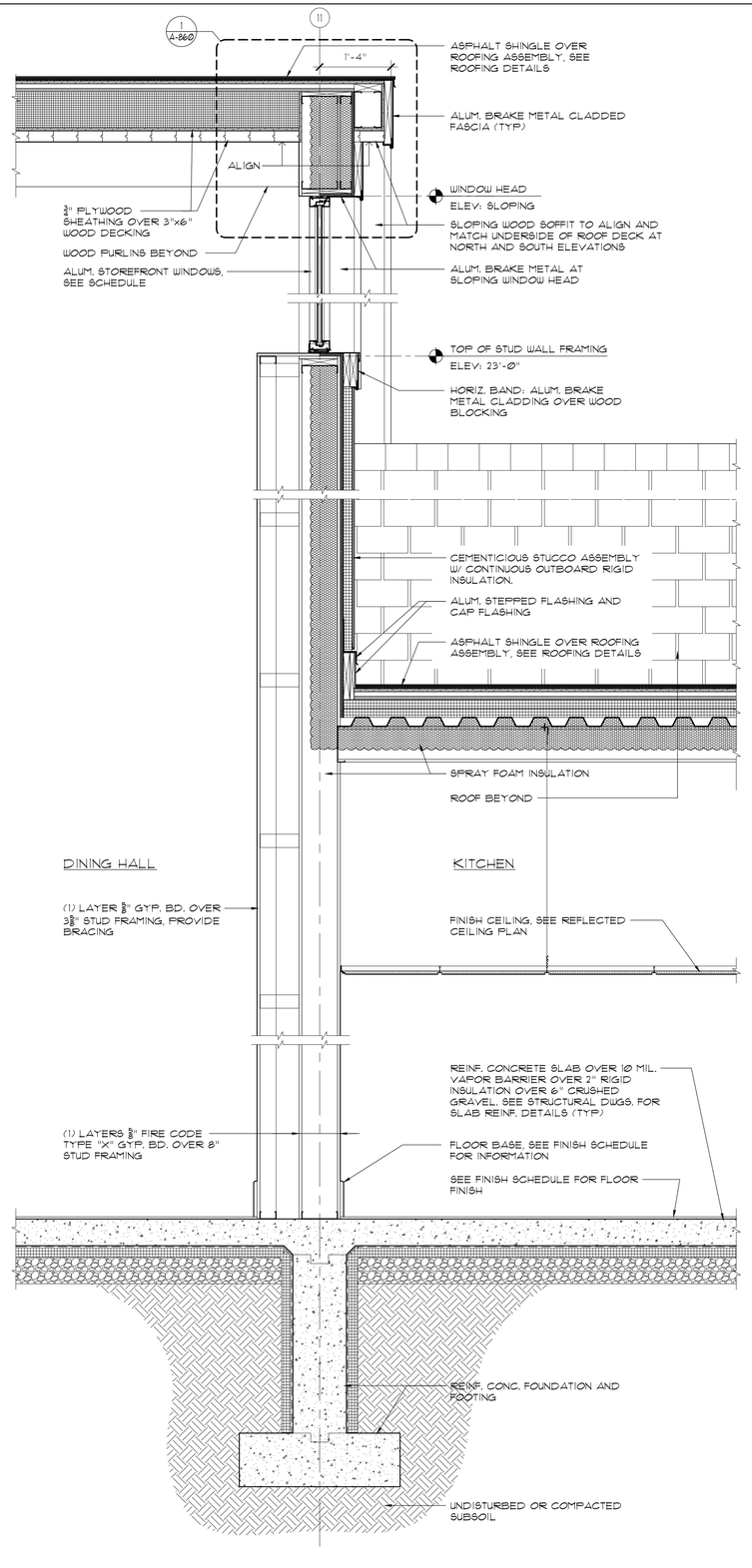

2 WALL SECTION

SCALE: 3/4"=1'-0"

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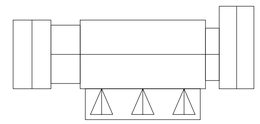

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Drawing Title

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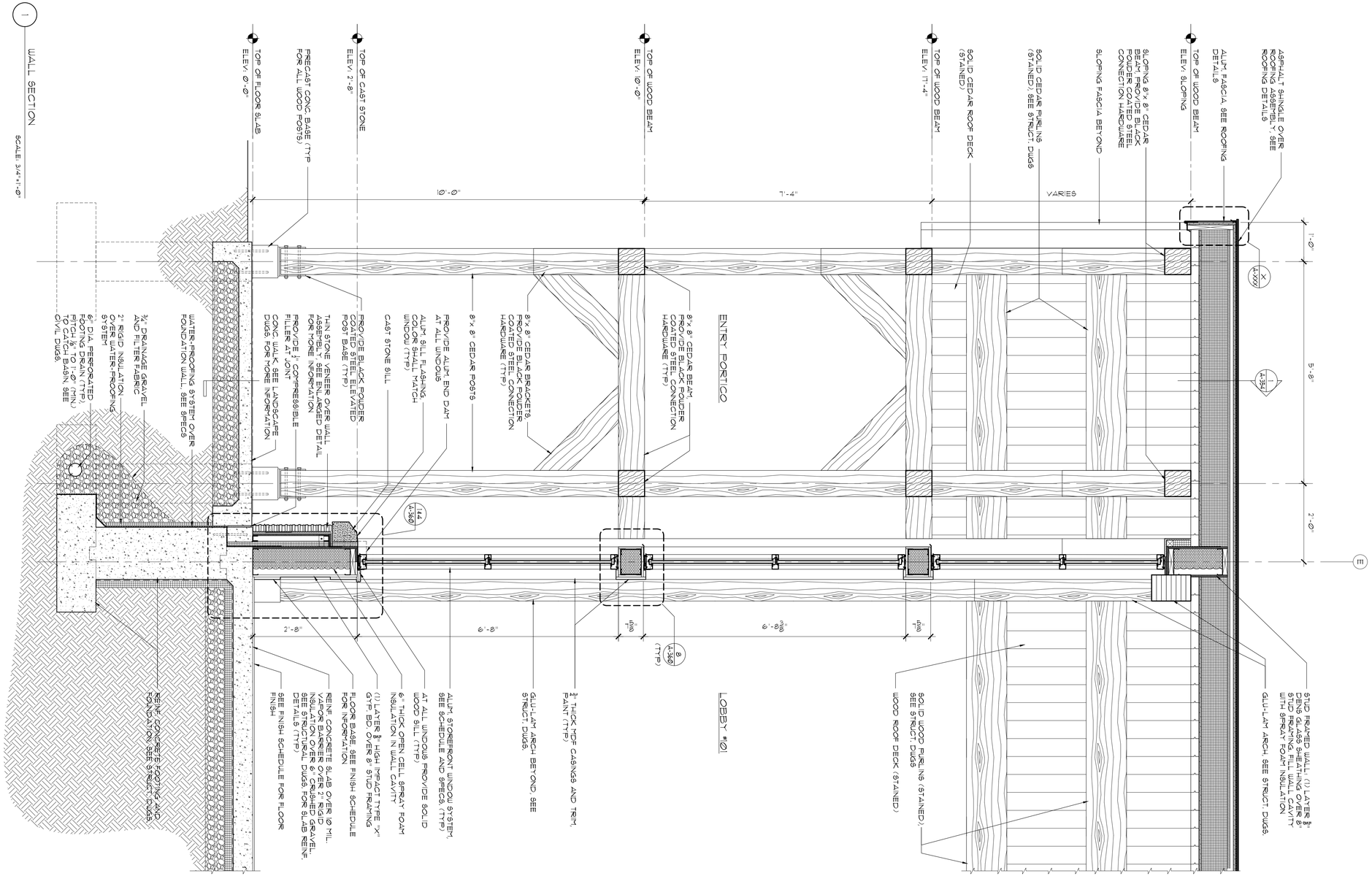
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-353
CADD FILE No:	

W\2005 Girl Scouts of Greater NY



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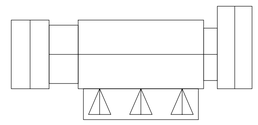

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81 CAMP ROAD
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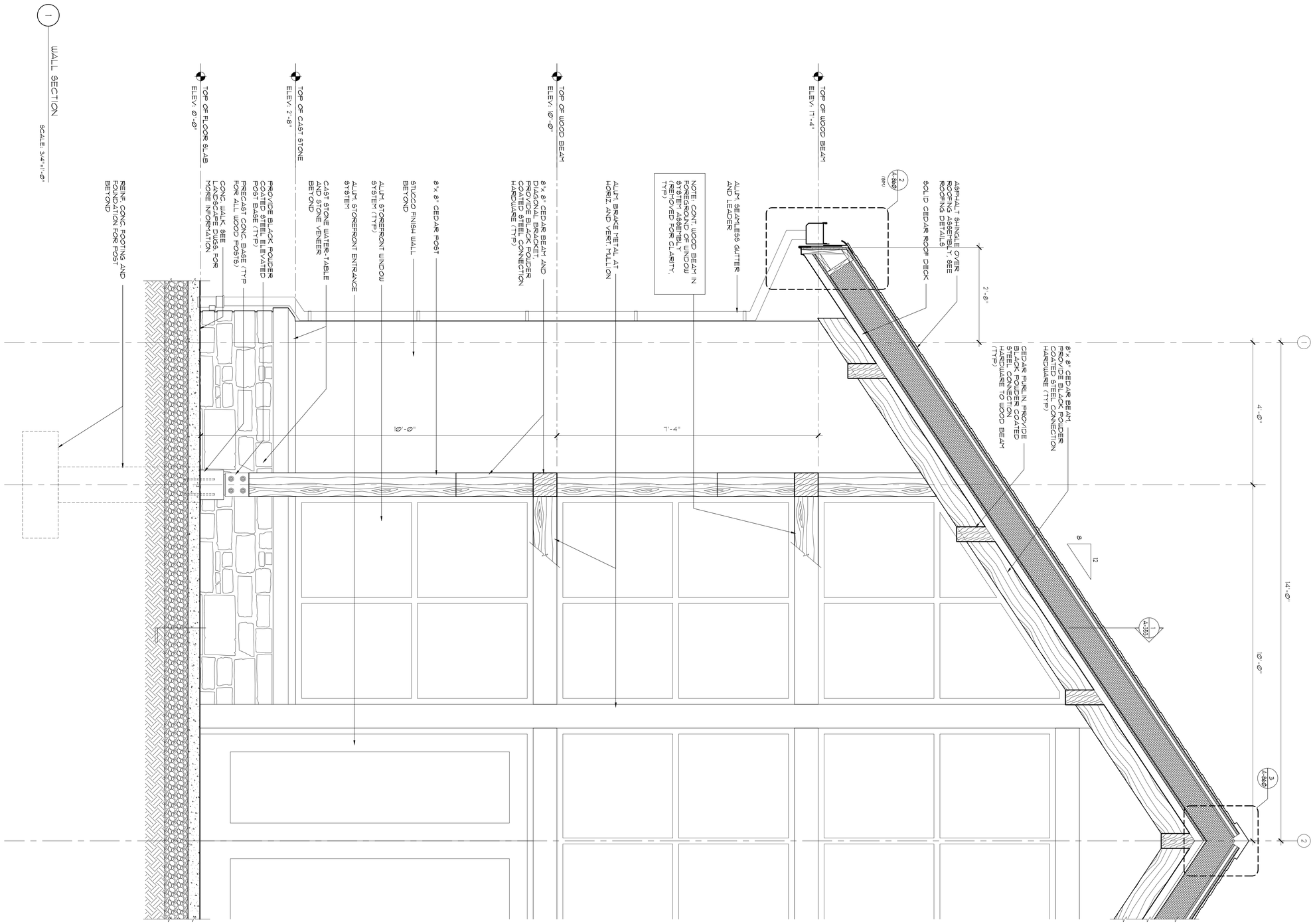
Drawing Title

WALL SECTIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-354
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



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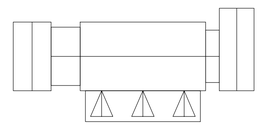

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Project Title

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81 CAMP ROAD
HOLMES, NY 12531

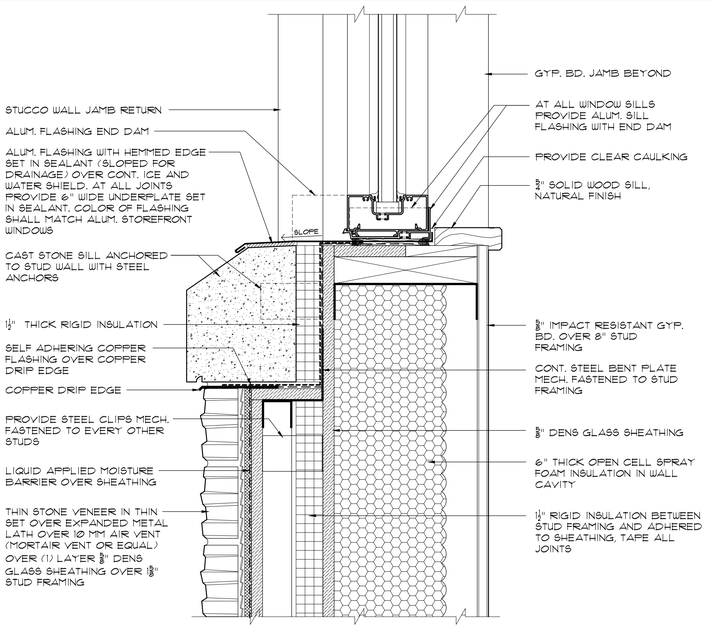
Drawing Title

WALL SECTIONS

Seal & Signature

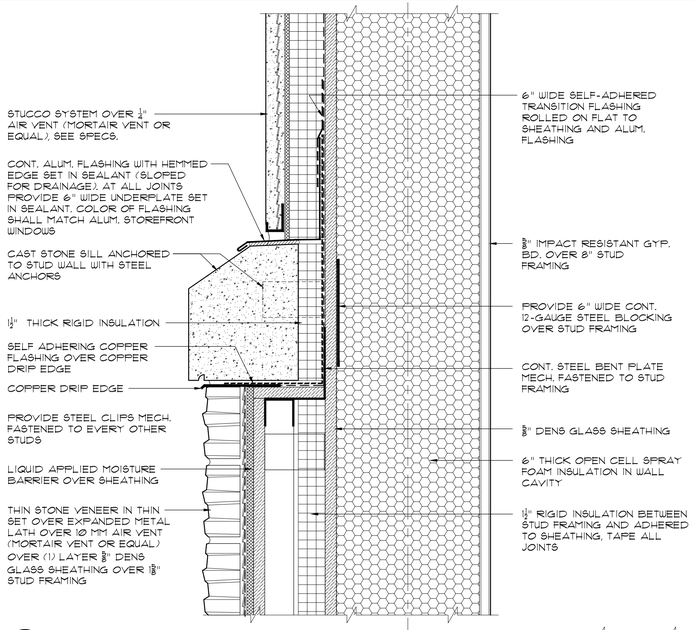
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-355
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



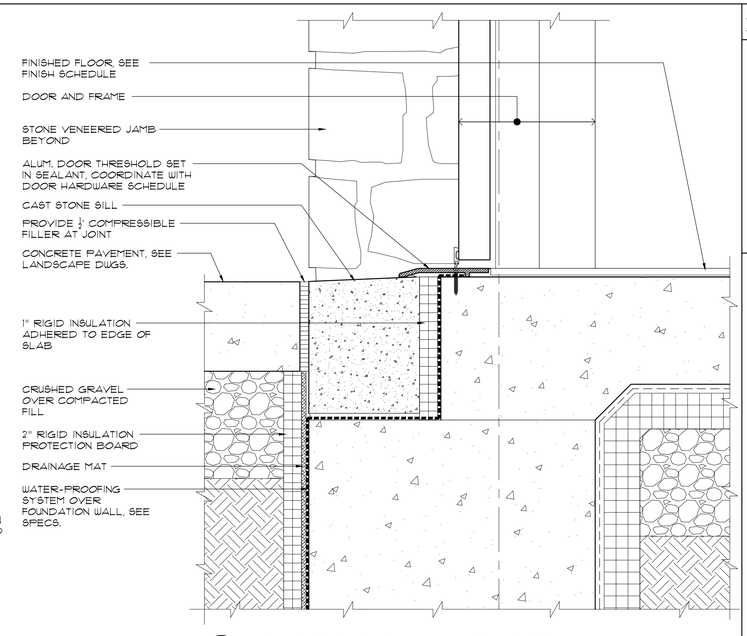
1 TYPICAL SILL DETAIL

SCALE: 3"=1'-0"



2 WALL DETAIL AT WATER-TABLE

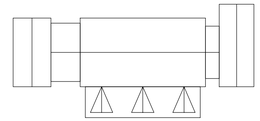
SCALE: 3"=1'-0"



3 TYPICAL EXTERIOR DOOR SILL DETAIL

SCALE: 3"=1'-0"

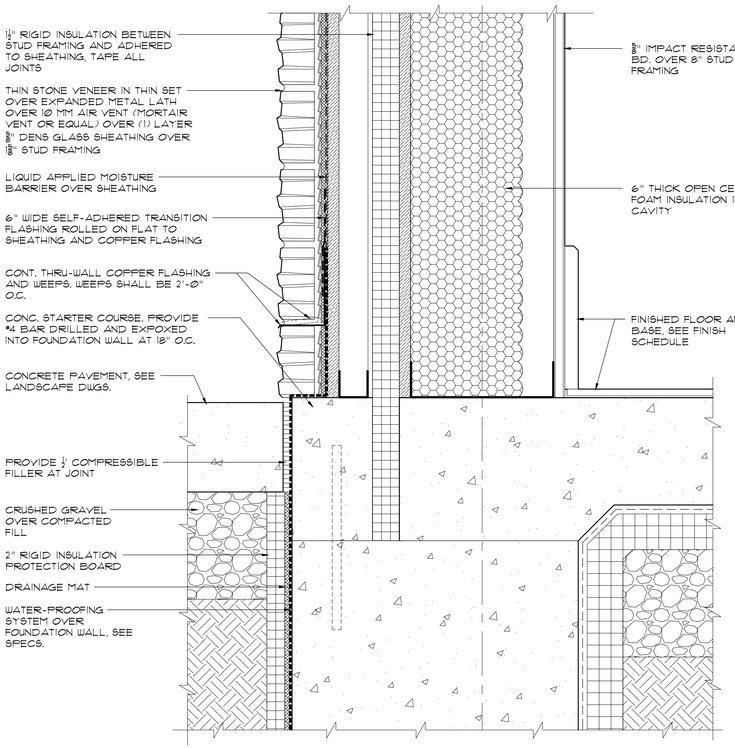
KEY PLAN



N.T.S.

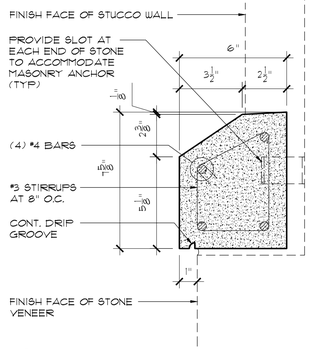
GENERAL CONSTRUCTION NOTES

1. IF DISCREPANCIES ARE FOUND BETWEEN ARCHITECTURAL DRAWINGS, AND STRUCTURAL DRAWINGS, CONTRACTOR SHALL CONTACT ARCHITECT FOR CLARIFICATION OR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
2. IF DISCREPANCIES ARE FOUND BETWEEN ARCHITECTURAL DRAWINGS, AND ROOFING DRAWINGS, CONTRACTOR SHALL CONTACT ARCHITECT FOR CLARIFICATION OR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
3. PLACE WEEP HOLES AT 24" O.C. ABOVE EACH FLASHING TERMINATION POINT, CONTRACTOR SHALL NOT COVER ANY WEEP HOLES NEAR GRADE WITH SOIL OR LANDSCAPE MATERIAL.
4. PROVIDE FIRE RESISTANT COATING ON ALL EXPOSED SURFACES OF SPRAY-FOAM INSULATION.
5. AT STUD WALLS WHERE CAST STONE SILLS, ROOF AND OTHER FLASHING ASSEMBLIES ARE TO BE INSTALLED PROVIDE 12 GAUGE STEEL PLATE BLOCKING BEHIND SHEATHING (OVER STUD FRAMING) TO RECEIVE FASTENERS.



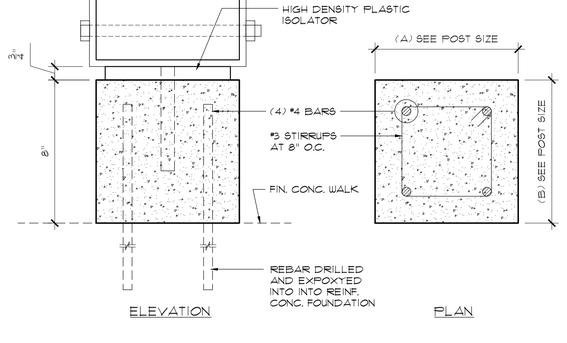
4 ENLARGED WALL DETAIL

SCALE: 3"=1'-0"



5 CAST STONE WINDOW SILL DETAIL

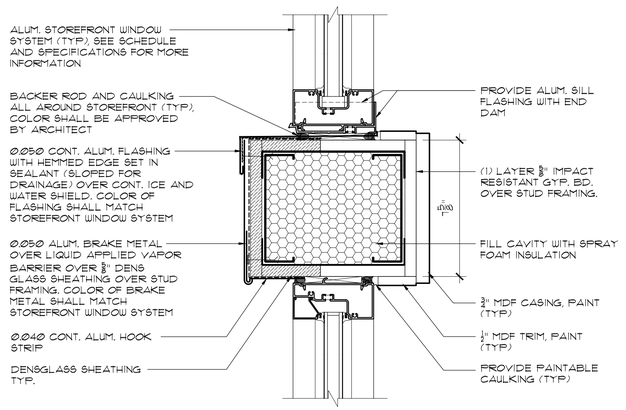
SCALE: 3"=1'-0"



WOOD POST SIZE	PRECAST CONC. POST BASE
6"x 6"	A= 8" B= 8"
8"x 8"	A= 10" B= 10"

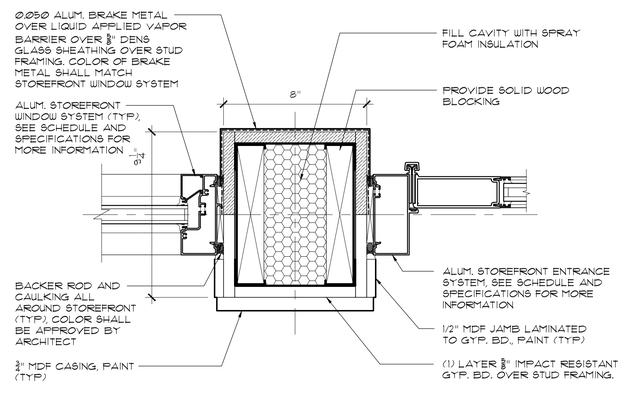
6 PRE-CAST CONC. POST BASE

SCALE: 3"=1'-0"



7 TYPICAL HORIZ. MULLION DETAIL

SCALE: 3"=1'-0"



8 TYPICAL VERT. MULLION DETAIL

SCALE: 3"=1'-0"

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D.R. Pilla Consulting Engineers
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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

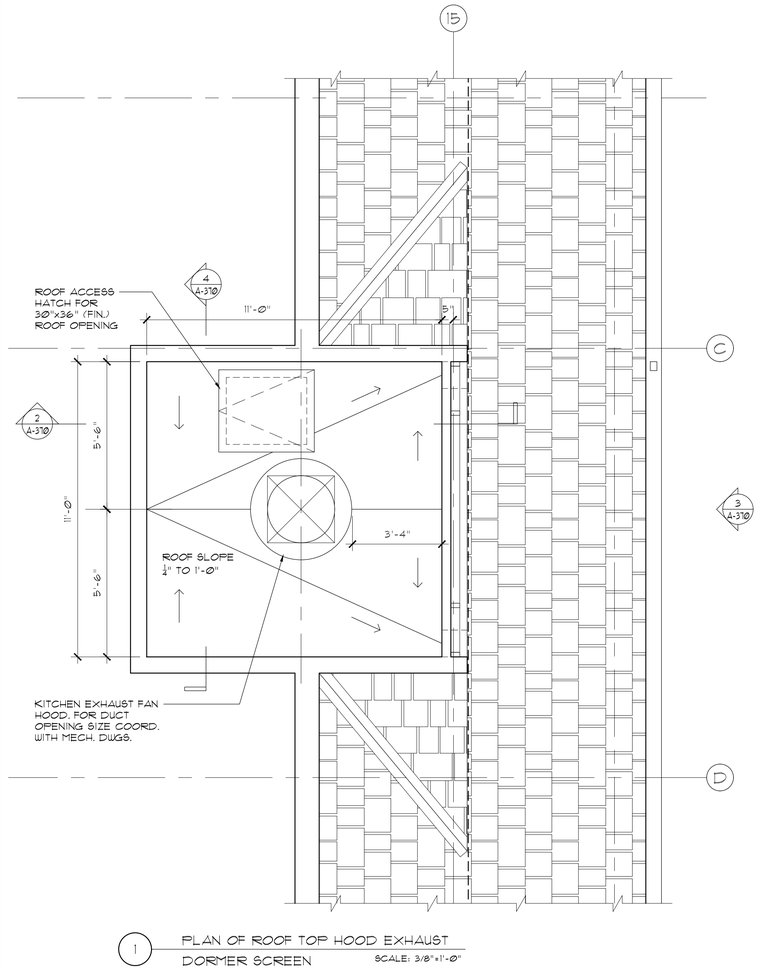
Drawing Title

ENLARGED DETAILS

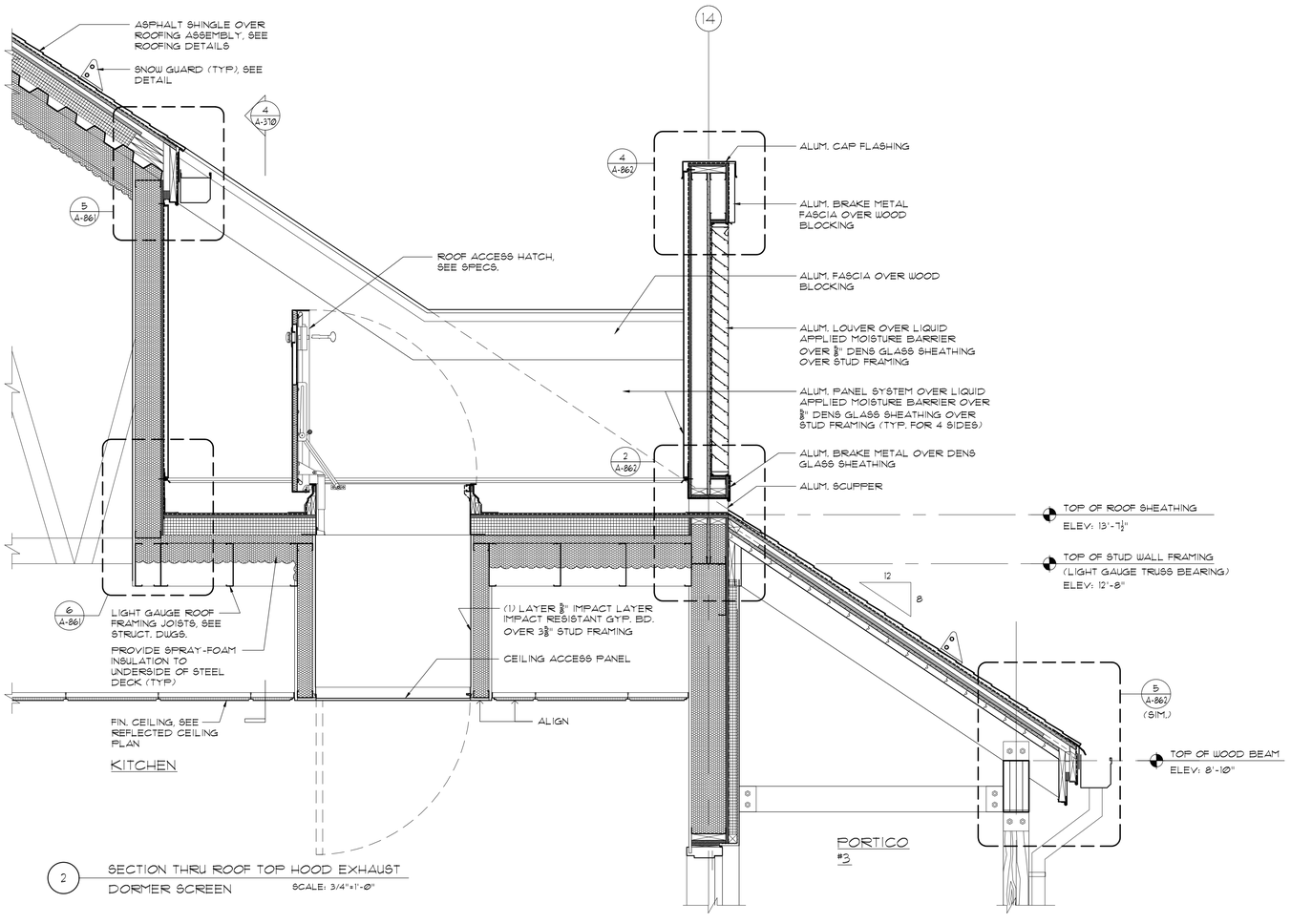
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-360
CADD FILE No:	

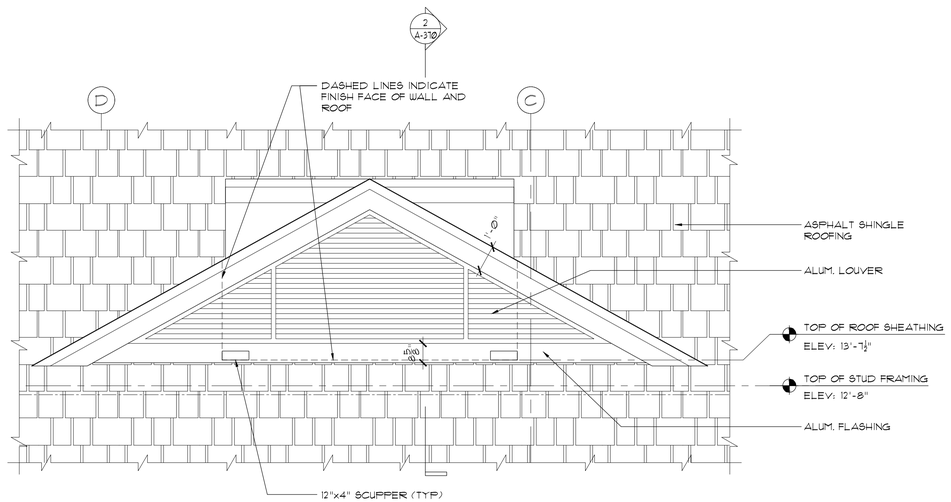
W-2005 Girl Scouts of Greater NY



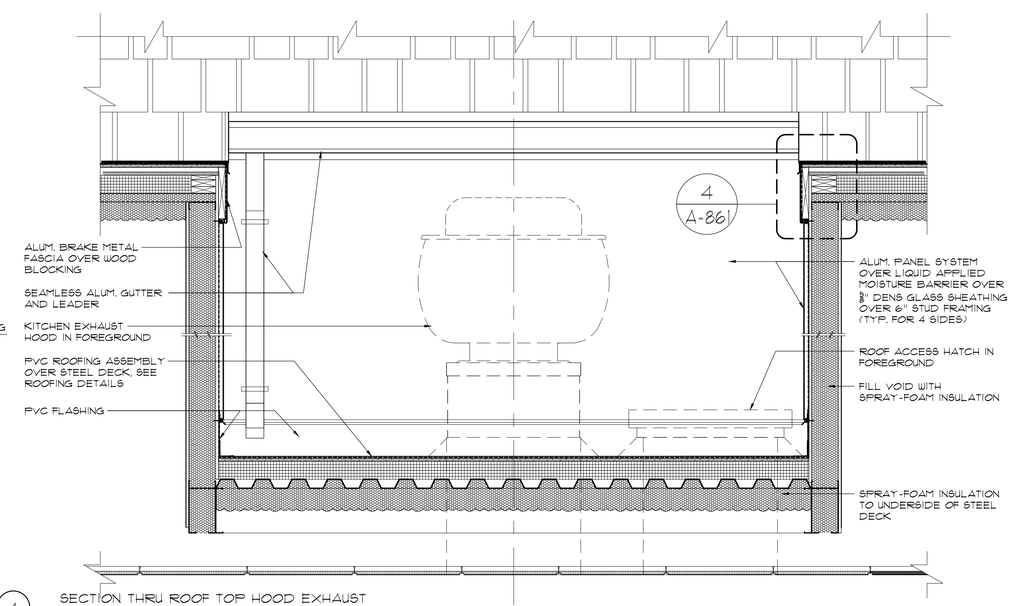
1 PLAN OF ROOF TOP HOOD EXHAUST DORMER SCREEN
SCALE: 3/8"=1'-Ø"



2 SECTION THRU ROOF TOP HOOD EXHAUST DORMER SCREEN
SCALE: 3/4"=1'-Ø"

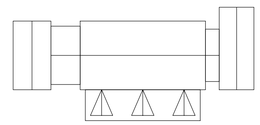


3 ELEVATION OF DORMER SCREEN
SCALE: 3/8"=1'-Ø"



4 SECTION THRU ROOF TOP HOOD EXHAUST DORMER SCREEN
SCALE: 3/4"=1'-Ø"

KEY PLAN



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Project Title

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81 CAMP ROAD
HOLMES, NY 12531

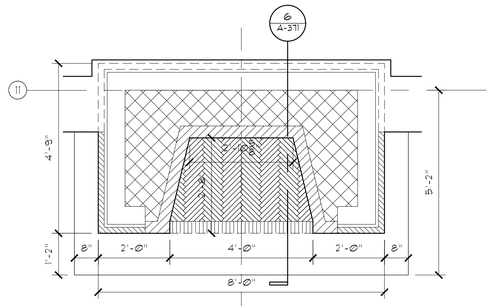
Drawing Title

ROOFTOP MECH. EQUIP. SCREEN DETAILS

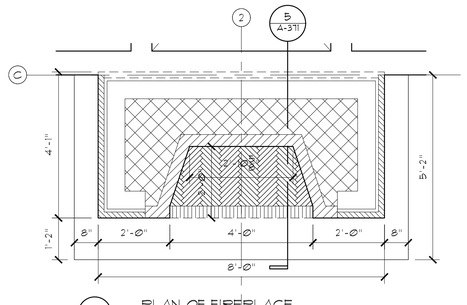
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-370
CADD FILE No:	

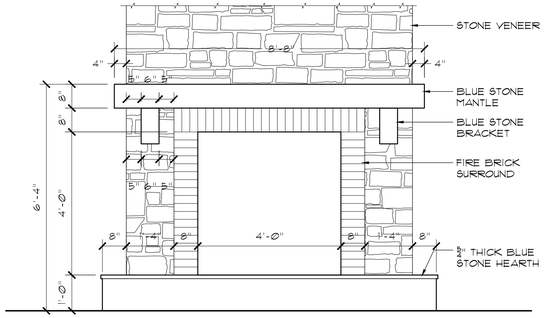
W:\2005 Girl Scouts of Greater NY



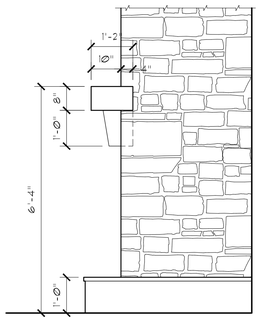
1 PLAN OF FIREPLACE AT DINING ROOM SCALE: 1/2"=1'-0"



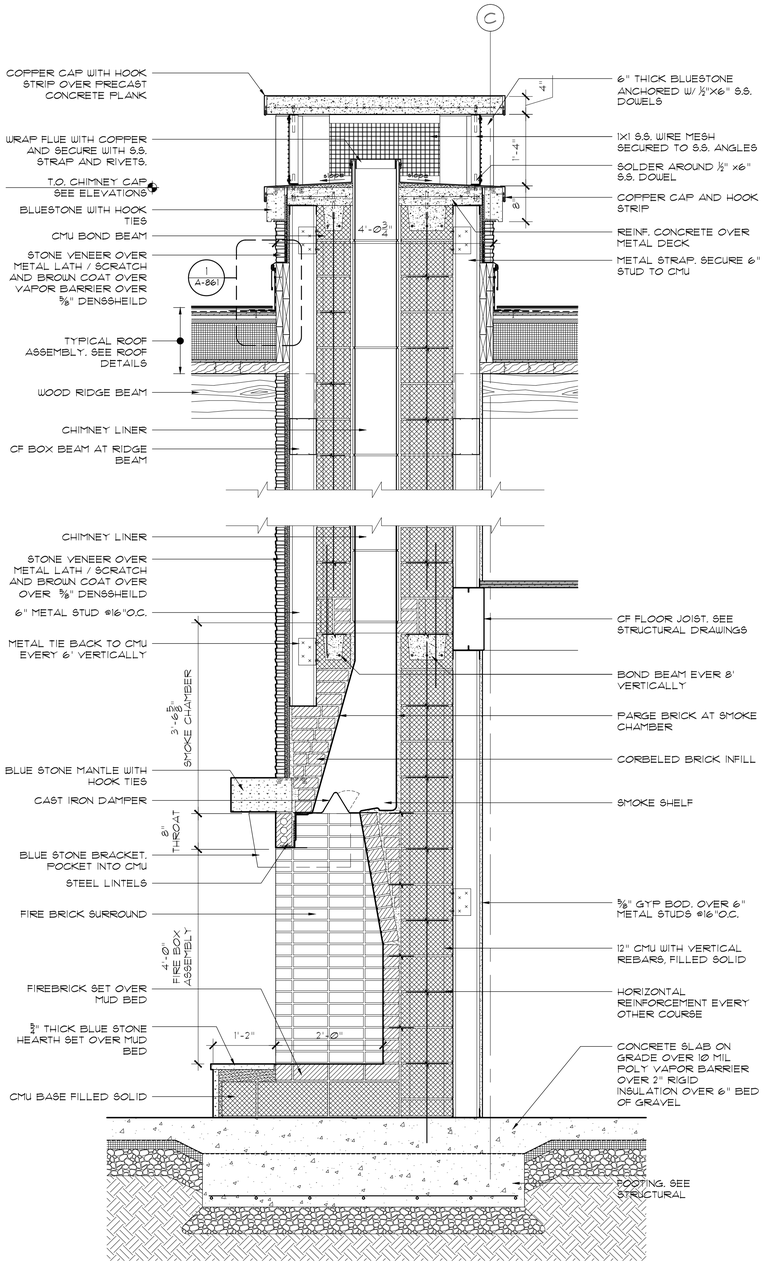
2 PLAN OF FIREPLACE AT LOBBY SCALE: 1/2"=1'-0"



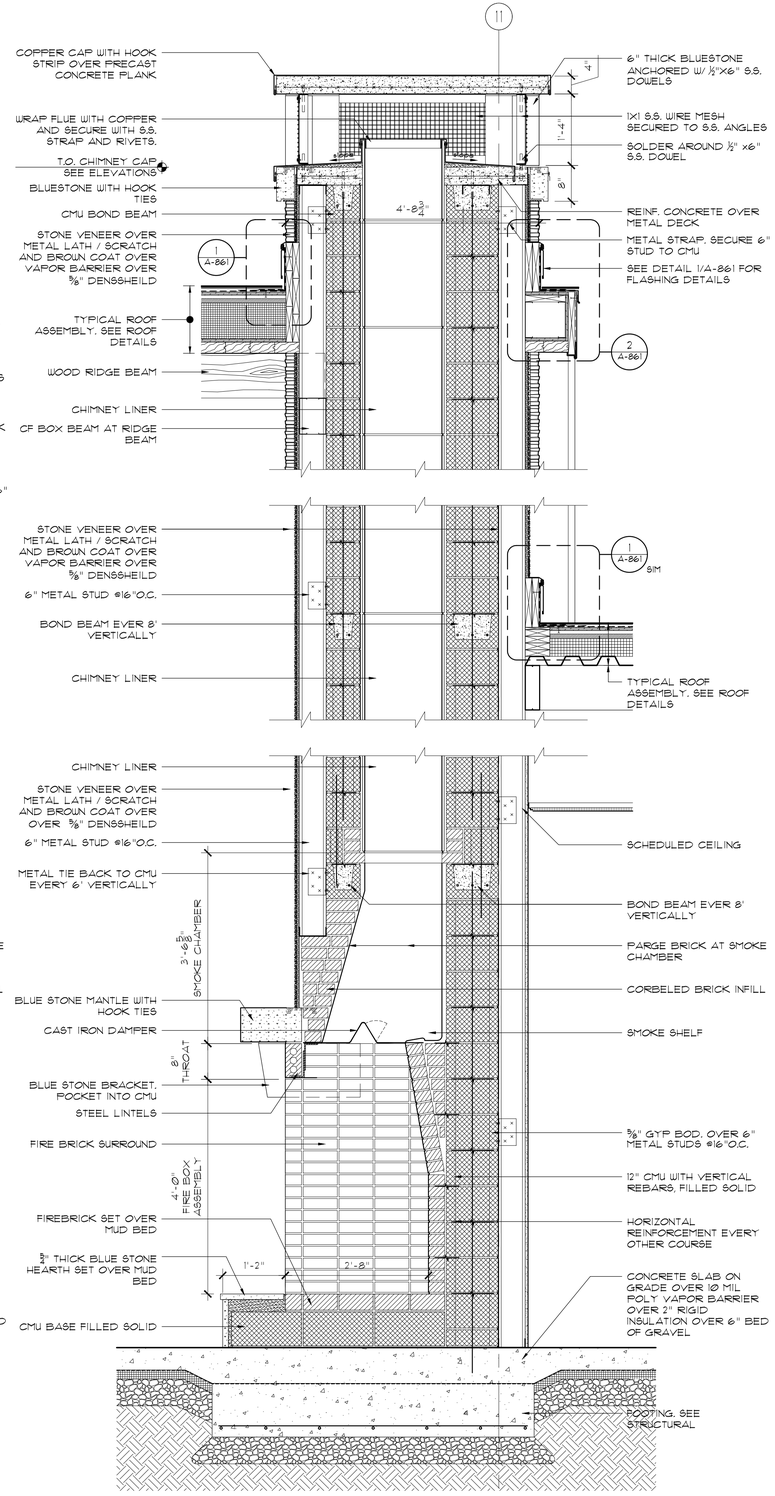
3 FRONT ELEVATION OF FIREPLACE SCALE: 1/2"=1'-0"



4 SIDE ELEVATION OF FIREPLACE SCALE: 1/2"=1'-0"

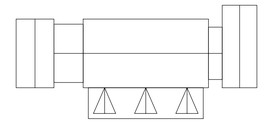


5 SECTION OF FIREPLACE AT LOBBY SCALE: 3/4"=1'-0"



6 SECTION OF FIREPLACE AT DINING ROOM SCALE: 3/4"=1'-0"

KEY PLAN



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Drawing Title

FIREPLACE DETAILS

Seal & Signature

Date:	06/21/2021
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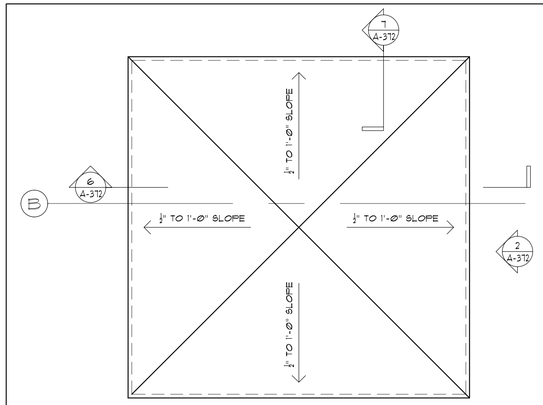
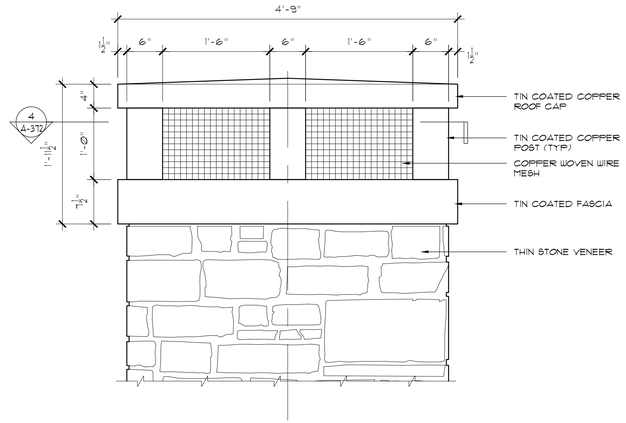
DWG No:	A-371
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 ROOF PLAN
FAUX CHIMNEY SCALE: 1"=1'-0"



2 TYPICAL ELEVATION
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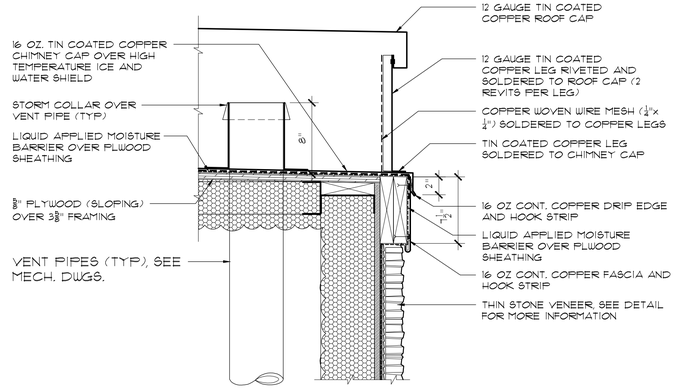
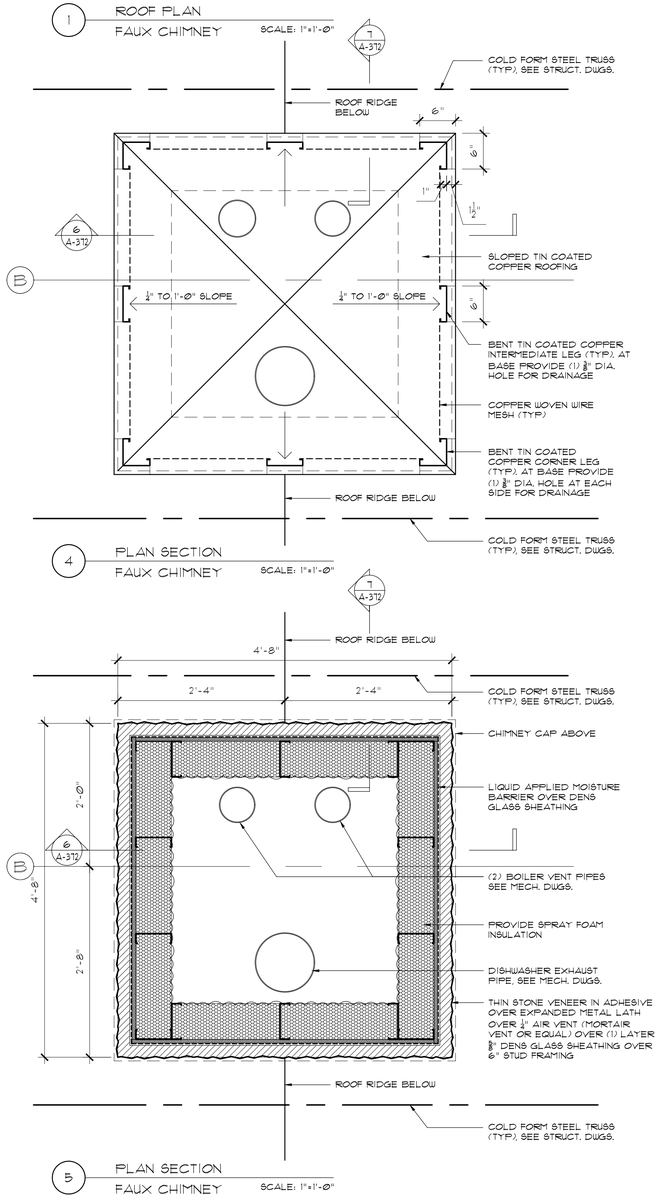
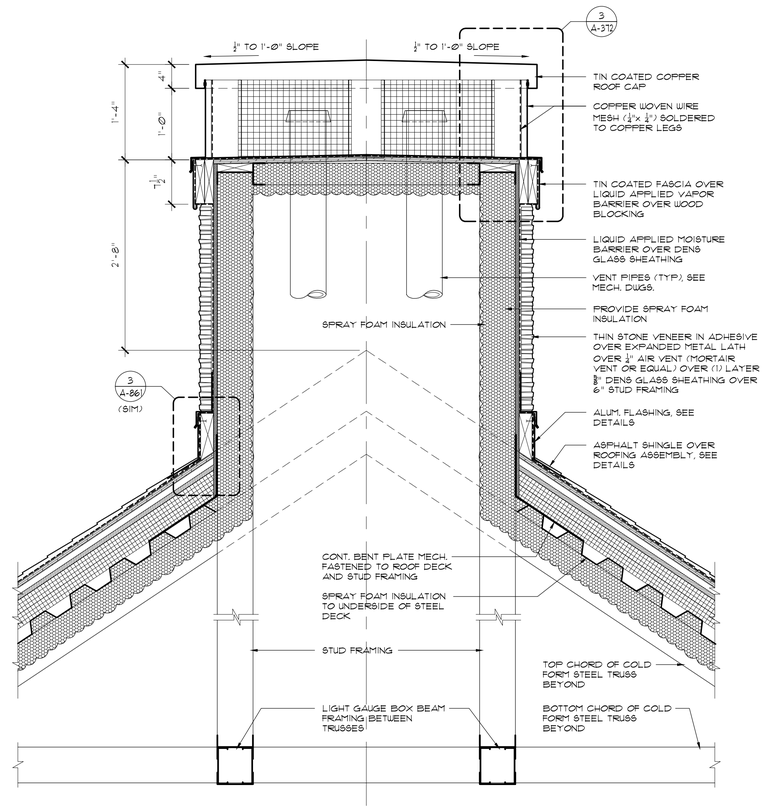


3 ENLARGED DETAIL
FAUX CHIMNEY SCALE: 1-1/2"=1'-0"



4 PLAN SECTION
FAUX CHIMNEY SCALE: 1"=1'-0"

5 PLAN SECTION
FAUX CHIMNEY SCALE: 1"=1'-0"



6 SECTION
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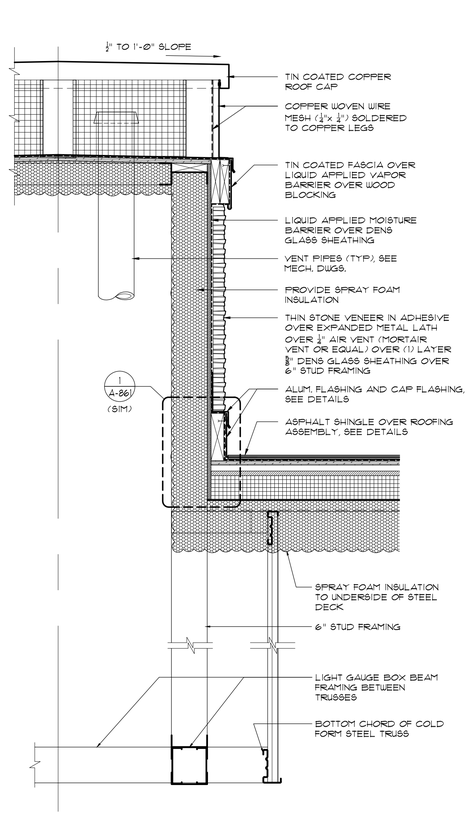
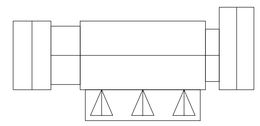


7 SECTION
FAUX CHIMNEY SCALE: 1"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
D.R. Pilla Consulting Engineers
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M.E.P. ENGINEER
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CIVIL ENGINEER
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Architect
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566 Warburton Avenue, Hastings-on-Hudson, NY 10706
Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

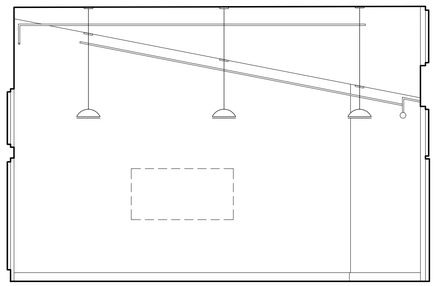
Drawing Title

FAUX CHIMNEY DETAILS

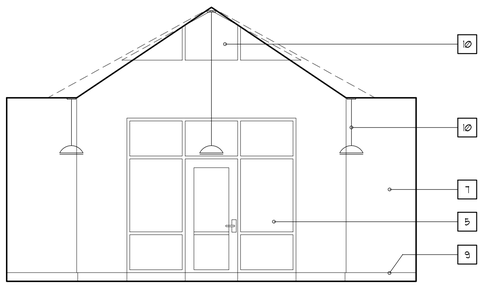
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-372
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 INSTRUCTIONAL ROOM ELEVATION (TYP)
1/4" = 1'-0"



2 INSTRUCTIONAL ROOM ELEVATION (TYP)
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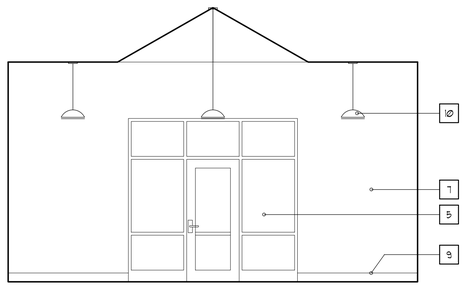

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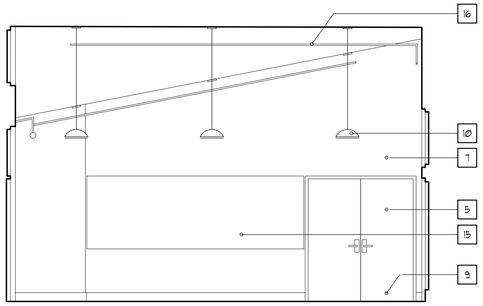

4 INSTRUCTIONAL ROOM ELEVATION (TYP)
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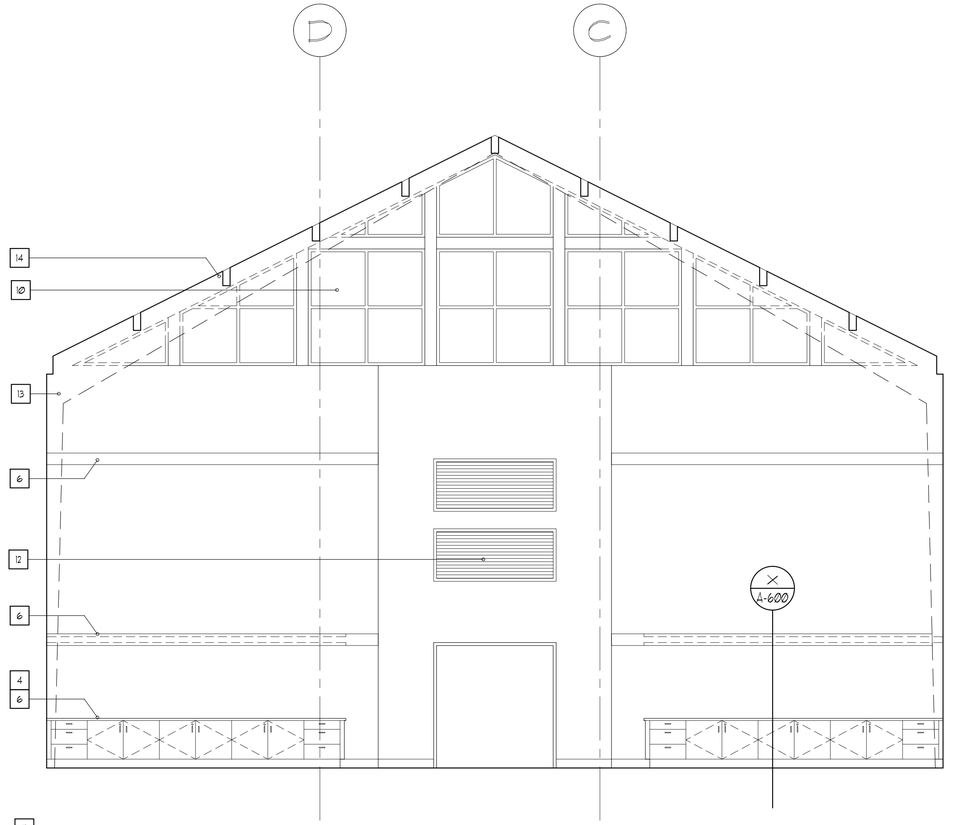
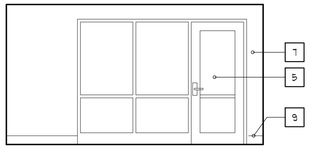
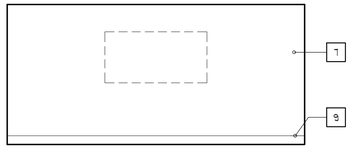


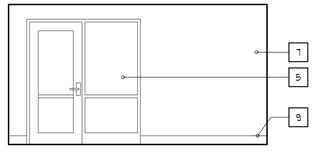
5 DINING ROOM 107 ELEVATION
1/4" = 1'-0"



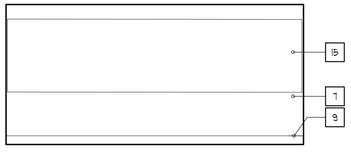
6 ROOM 122 ELEVATION
1/4" = 1'-0"



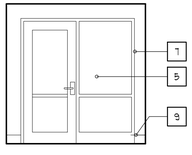
7 ELEVATION (TYP)
1/4" = 1'-0"



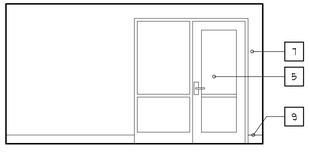
8 ROOM 122 ELEVATION
1/4" = 1'-0"



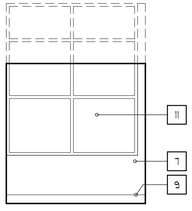
9 ELEVATION (TYP)
1/4" = 1'-0"



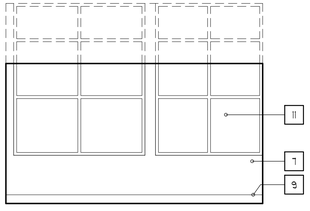
10 OFFICE 105 ELEVATION
1/4" = 1'-0"



11 ROOM 106 ELEVATION
1/4" = 1'-0"

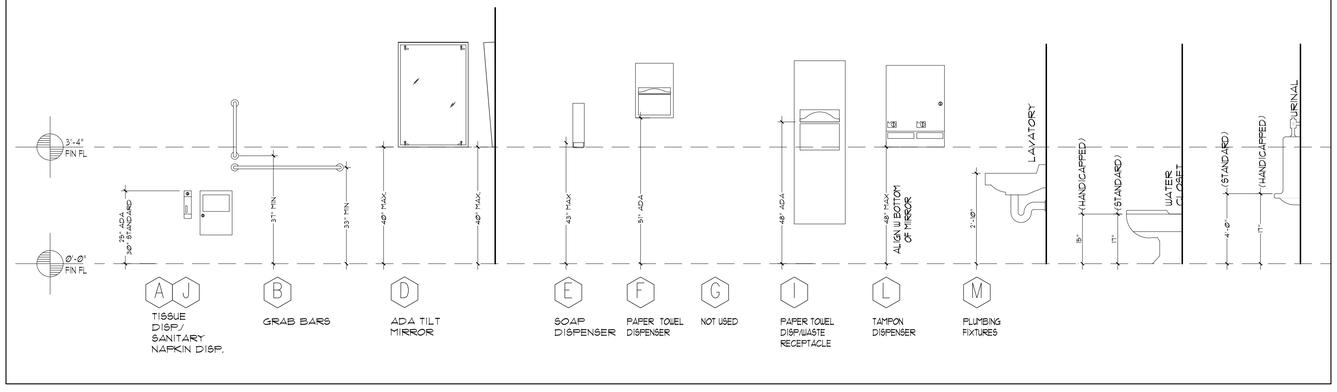


12 OFFICE 105 ELEVATION
1/4" = 1'-0"

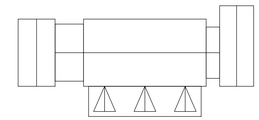


13 ROOM 106 ELEVATION
1/4" = 1'-0"

FIXTURE HEIGHT LEGEND (SEE ADA 2010 STANDARDS)



KEY PLAN



N.T.S.

INTERIOR ELEVATIONS TYPICAL NOTES:

1	SANITARY COVE, SEE FINISH SCHEDULE
2	PORCELAIN TILE, SEE FINISH SCHEDULE
3	LINEAR LIGHT COVE (SEE ELEC SCHED)
4	CAESARSTONE COUNTER, SKIRT, SIDE PANEL
5	SEE DOOR SCHEDULE
6	MILLWORK (SEE DETAILS AND SPECS)
7	PAINTED GWB
8	FRP WALL BOARD
9	BASE AS SCHEDULED
10	FIXTURE AS SCHEDULED
11	SEE WINDOW SCHEDULE
12	RA GRILLE – SEE MECHANICAL DWGS
13	GLULAM ARCH
14	WOOD PURILIN
15	FORBO TACK BOARD
16	SPRINKLER – SEE RCP AND FP DWGS

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GIRL SCOUTS OF
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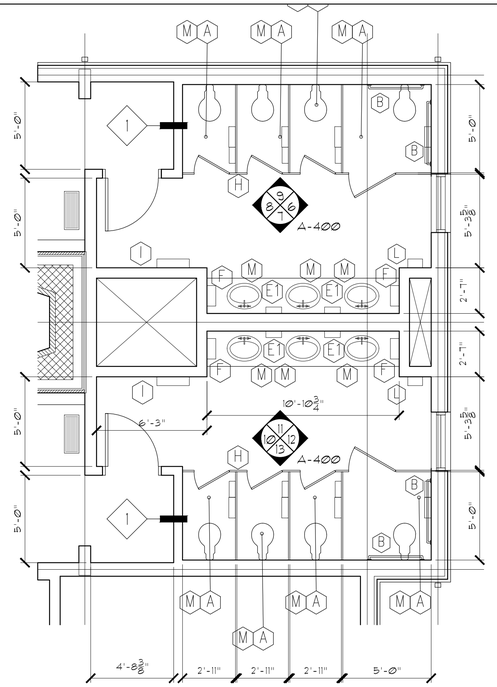
Drawing Title

INTERIOR ELEVATIONS

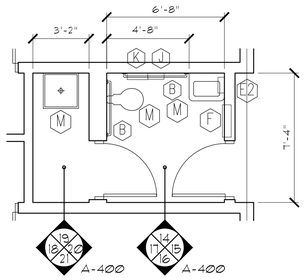
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-400
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 ENLARGED PLAN - ROOMS 102 AND 103
1/4" = 1'-0"



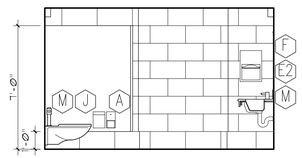
2 ENLARGED PLAN - ROOM 110
1/4" = 1'-0"

NOTES:
1. SEE FINISH SCHEDULE FOR WALL FINISHES
2. SEE DOOR SCHEDULE FOR DOOR AND WINDOW SCHEDULES HARDWARE INFORMATION
3. SEE A-401 FOR TYPICAL ACCESSORY HEIGHTS

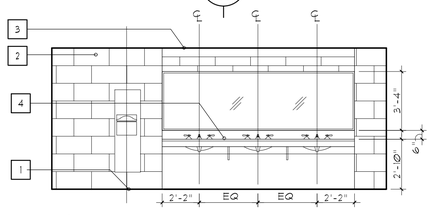
RESTROOM ACCESSORY SCHEDULE

SYMBOL	DESCRIPTION	PRODUCT DETAILS/NOTES
A	COMBO DISPENSER	BOBRICK, B-3579 TOILET TISSUE, SEAT COVER DISPENSER, SANITARY RECEPTACLE, LOCKABLE DISPENSER
B	GRAB BARS	BOBRICK, B-5806 X 18"/36"/42", 1¼" DIA TUBING, CONCEALED FLANGE, COVER SNAPS OVER MOUNTING FLANGE TO CONCEAL SCREWS - SEE ELEVATIONS FOR LENGTHS
C	COAT HOOK	BOBRICK, B-542 COAT HOOK, CONCEALED MOUNTING THREADED FLANGE, SEE MANUFACTURER'S SPECS FOR MOUNTING HEIGHT
D	ADA MIRROR	BOBRICK, B-293 2436 FIXED POSITION TILT MIRROR, 24" WIDTH X 36" HEIGHT, SEE MANUFACTURER'S SPECS FOR MOUNTING HEIGHT
E1	AUTO FOAM SOAP DISPENSER	BOBRICK, B-828 COUNTERTOP MOUNTED FOAM SOAP DISPENSER, SEE MANUFACTURER'S SPECS
E2	WALL MOUNTED SOAP DISPENSER	BOBRICK, B-2012 AUTOMATIC SURFACE MOUNTED FOAM SOAP DISPENSER, SEE MANUFACTURER'S SPECS
F	PAPER TOWEL DISPENSER	BOBRICK, B-29744 SEMI-RECESSED AUTOMATIC PAPER TOWEL DISPENSER, SEE MANUFACTURER'S SPECS FOR SIZE AND MOUNTING HEIGHT.
G	NOT USED	NOT USED
H	PARTITION SYSTEM	HDPE GLOBAL PARTITIONS, FURNISHED WITH STAINLESS STEEL HARDWARE AND ACCESSORIES
I	PAPER TOWEL/WASTE	BOBRICK, B-35649 SURFACE MOUNTED WASTE RECEPTACLE, SEE MANUFACTURER'S SPECS
J	SANITARY NAPKIN DISPOSAL	BOBRICK, B-254 CLASSIC SERIES SURFACE MOUNTED SANITARY NAPKIN DISPOSAL; 10⅝" WIDTH X 15½" HEIGHT X 4⅛" DEPTH, SEE MANUFACTURER'S SPECS FOR MOUNTING HEIGHT
K	TISSUE DISPENSER	BOBRICKB-3588, SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER - SEE MANUFACTURER'S SPECS
L	SANITARY NAPKIN DISPENSER	BOBRICK, B-47069CSURFACE MOUNTED NAPKIN/TAMPON VENDOR, SEE MANUFACTURER'S SPECS
M	PLUMBING FIXTURE	SEE FIXTURE SCHEDULE & PLUMBING DRAWINGS
N	NOT USED	NOT USED

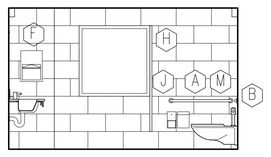
ACCESSORIES NOTES:
1. SEE INTERIOR SPECIFICATIONS FOR ALL MANUF PRODUCT INFO
2. ALL NON-ADA TILT MIRRORS TO BE ¼"-THICK TEMPERED GLASS WITH SATIN STAINLESS STEEL.
3. ALL ACCESSORIES TO BE SATIN STAINLESS STEEL WITH CONCEALED FASTENING UNLESS OTHER WISE NOTED
4. HAND DRYERS ARE TO BE SUPPLIED AND INSTALLED UNDER THE CONSTRUCTION CONTRACT AND WIRED UNDER THE ELECTRICAL CONTRACT.
5. PROVIDE SOLID BLOCKING AS REQUIRED.



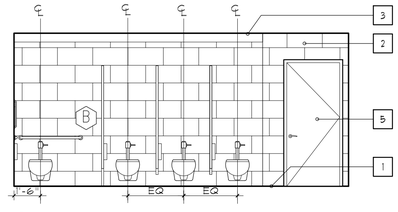
6 WOMEN'S T.R. 103 ELEV
1/4" = 1'-0"



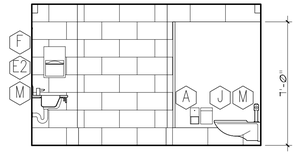
7 WOMEN'S T.R. 103 ELEV
1/4" = 1'-0"



8 WOMEN'S T.R. 103 ELEV
1/4" = 1'-0"



9 WOMEN'S T.R. 103 ELEV
1/4" = 1'-0"



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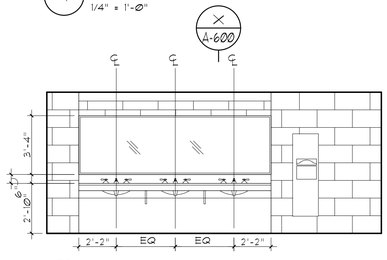
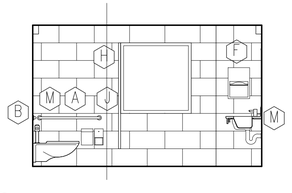
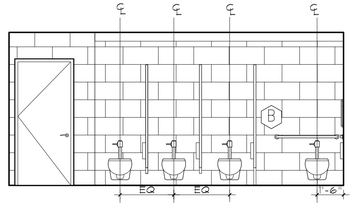
1/4" = 1'-0"



11 MEN'S T.R. 102 ELEVATION
1/4" = 1'-0"



12 MEN'S T.R. 102 ELEV
1/4" = 1'-0"



13 MEN'S T.R. 102 ELEVATION
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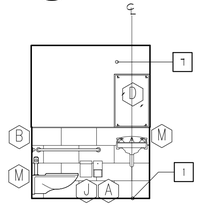
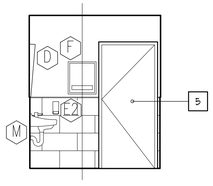
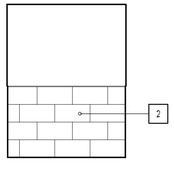


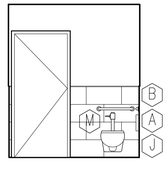
14 T.R. 110 ELEV
1/4" = 1'-0"



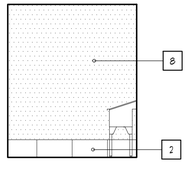
15 T.R. 110 ELEV
1/4" = 1'-0"



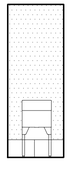
16 T.R. 110 ELEV
1/4" = 1'-0"



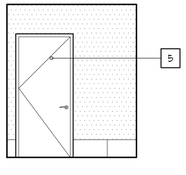
17 T.R. 110 ELEV
1/4" = 1'-0"



18 J.C. 110a ELEV.
1/4" = 1'-0"



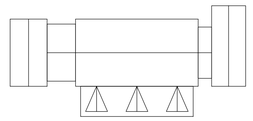
19 J.C. 110a ELEV.
1/4" = 1'-0"



20 J.C. 110a ELEV.
1/4" = 1'-0"

19 J.C. 110a ELEV.
1/4" = 1'-0"

KEY PLAN



N.T.S.

INTERIOR ELEVATIONS TYPICAL NOTES:

1. SANITARY COVE, SEE FINISH SCHEDULE
2. PORCELAIN TILE, SEE FINISH SCHEDULE
3. LINEAR LIGHT COVE (SEE ELEC SCHED)
4. CAESARSTONE COUNTER, SKIRT, SIDE PANEL
5. SEE DOOR SCHEDULE
6. MILLWORK (SEE DETAILS AND SPECS)
7. PAINTED GWB
8. FRP WALL BOARD
9. BASE AS SCHEDULED
10. FIXTURE AS SCHEDULED
11. SEE WINDOW SCHEDULE
12. RA GRILLE – SEE MECHANICAL DWGS
13. GLULAM ARCH
14. WOOD PURILIN
15. FORBO TACK BOARD
16. SPRINKLER – SEE RCP AND FP DWGS

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
D.R. Pilla Consulting Engineers
143 Main Street
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CIVIL ENGINEER
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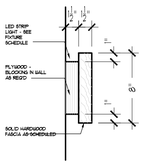
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
INTERIOR ELEVATIONS

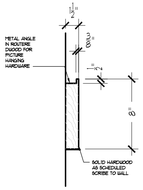
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-401
CADD FILE No:	

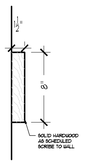
W:\2005 Girl Scouts of Greater NY



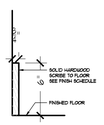
1 WALL TRIM DETAIL
SCALE: 1 1/2" =1'-0"



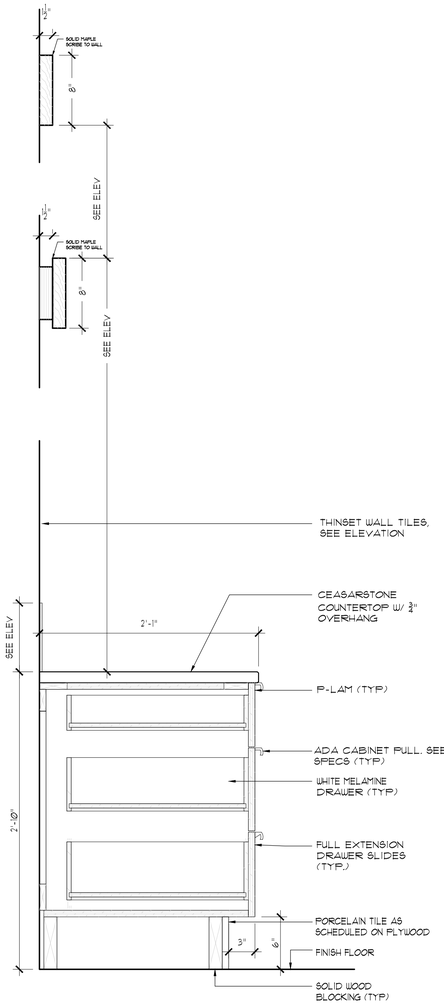
2 WALL TRIM DETAIL
SCALE: 1 1/2" =1'-0"



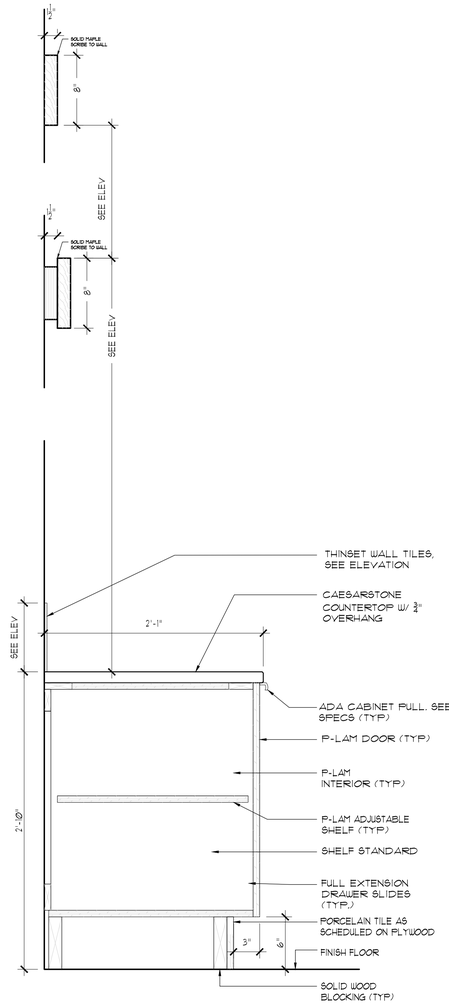
3 WALL TRIM DETAIL
SCALE: 1 1/2" =1'-0"



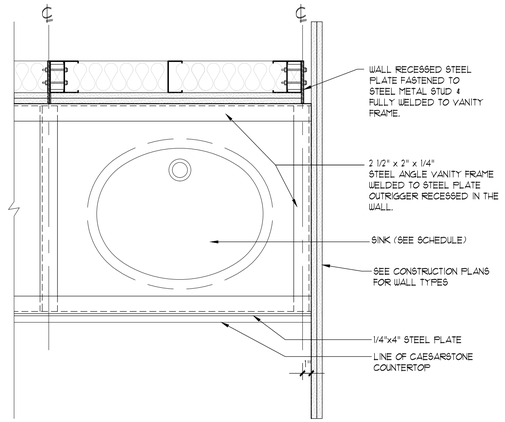
4 BASE DETAIL
SCALE: 1 1/2" =1'-0"



5 MILLWORK DETAIL
SCALE: 1 1/2" =1'-0"

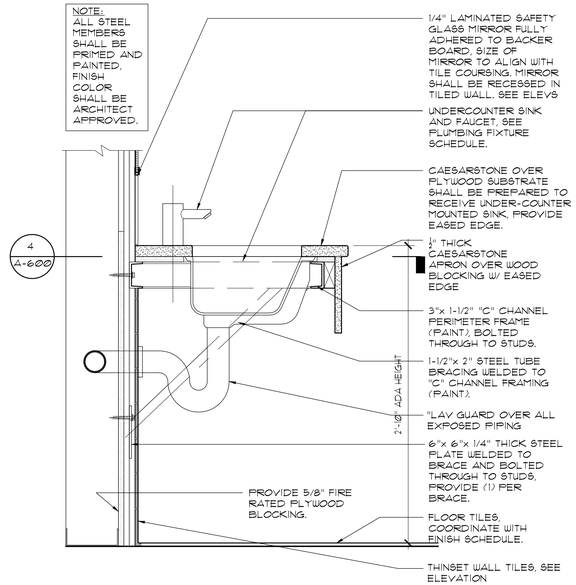


6 CLOSET 107 SECTION @ CUBBIES
SCALE: 1 1/2" =1'-0"



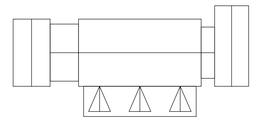
7 DETAIL PLAN
SCALE: 1 1/2" =1'-0"

NOTE:
ALL STEEL MEMBERS SHALL BE PRIMED AND PAINTED. FINISH COLOR SHALL BE ARCHITECT APPROVED.



8 DETAIL SECTION
SCALE: 1 1/2" =1'-0"

KEY PLAN



N.T.S.

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

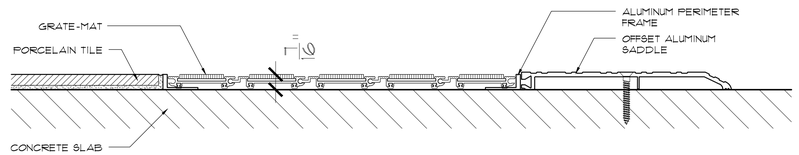
MILLWORK DETAILS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-600
CADD FILE No:	

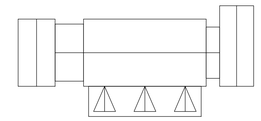
W:\2005 Girl Scouts of Greater NY

1 FIRST FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"



A RECESSED WALK-OFF MAT DETAIL
SCALE: 6"=1'-0"

KEY PLAN



N.T.S.

FLOOR MATERIALS LEGEND

- PT-2 PORCELAIN TILE 24"x48"
- PT-1 PORCELAIN TILE 12"x24" (BORDER)
- PT-3 PORCELAIN TILE 12"x24" CUT AT 16° WIDE (BORDER)
- F-4 PORCELAIN TILE 12"x24"
- F-6 SEALED CONCRETE
- LN-1 LINOLEUM SHEET
- QT-1 QUARRY TILE
- WDM-1 WALK OFF MAT

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81 CAMP ROAD
HOLMES, NY 12531

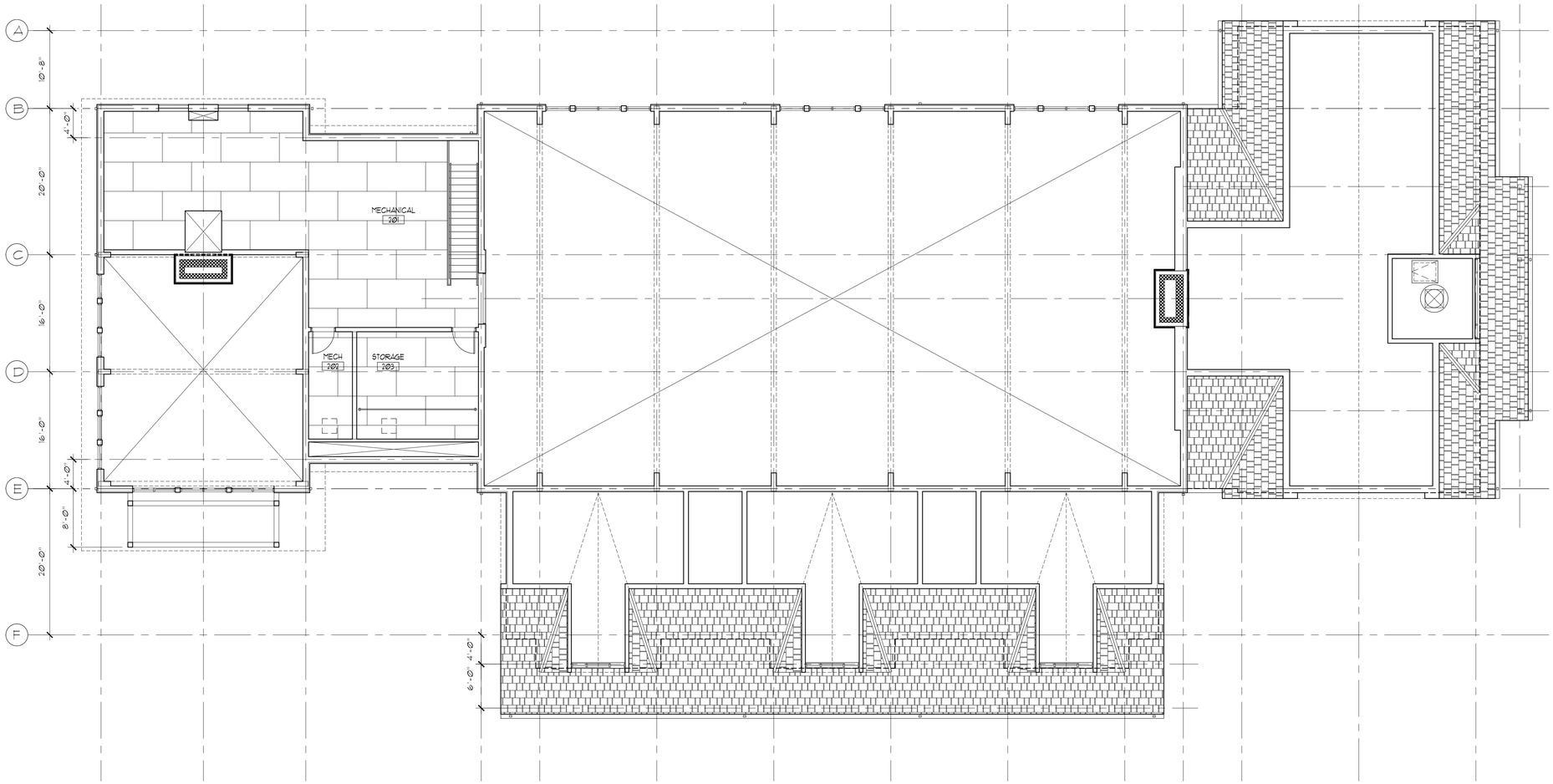
Drawing Title

FIRST FLOOR FINISH PLAN

Seal & Signature

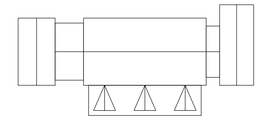
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-701
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 MEZZANINE FLOOR FINISH PLAN
SCALE: 1/8"=1'-0"

KEY PLAN



N.T.S.

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

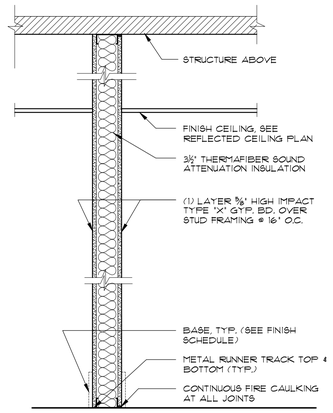
Drawing Title

MEZZANINE FLOOR FINISH PLAN

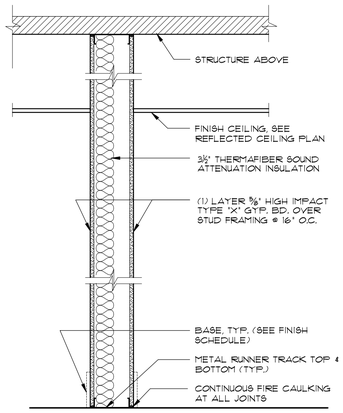
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-702
CADD FILE No:	

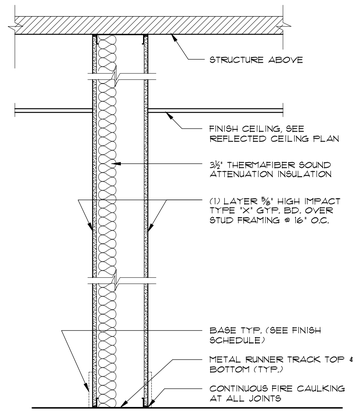
W:\2005 Girl Scouts of Greater NY



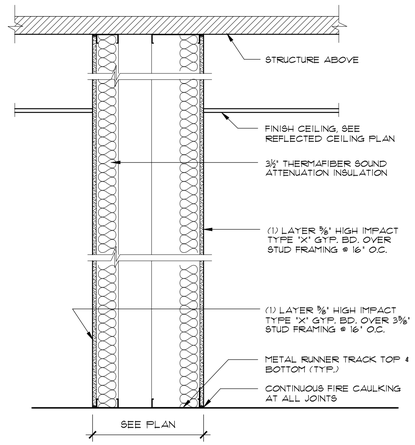
1 WALL TYPE 1 - STUD PARTITION
3-5/8" STUD FRAMING SCALE: 1"=1'-0"



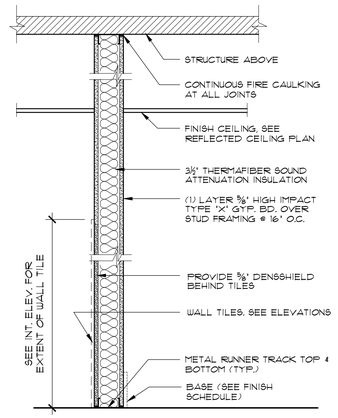
2 WALL TYPE 2 - STUD PARTITION
6" STUD FRAMING SCALE: 1"=1'-0"



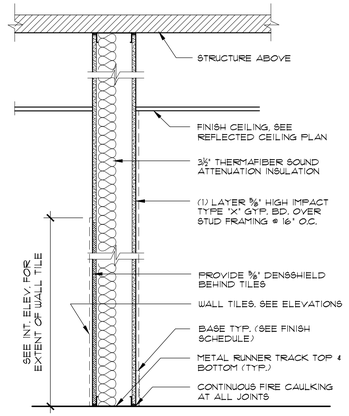
3 WALL TYPE 3 - STUD PARTITION
8" STUD FRAMING SCALE: 1"=1'-0"



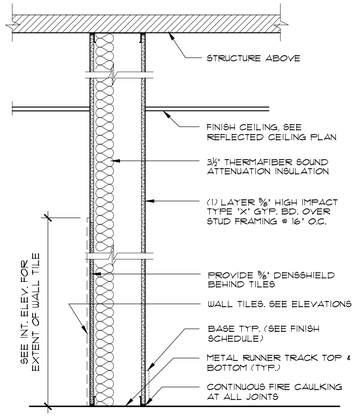
4 WALL TYPE 4 - STAGGERED DBL STUD PARTITION
SCALE: 1"=1'-0"



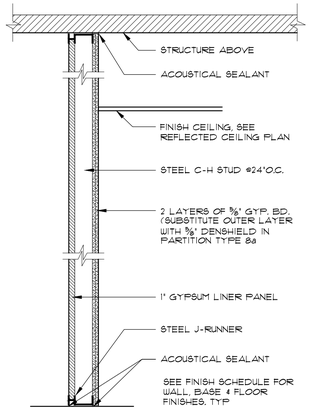
5 WALL TYPE 5 - STUD PARTITION
3 5/8" STUD FRAMING SCALE: 1"=1'-0"



6 WALL TYPE 6 - STUD PARTITION
6" STUD FRAMING SCALE: 1"=1'-0"

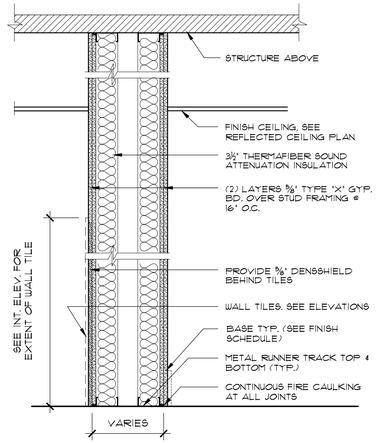


7 WALL TYPE 7 - STUD PARTITION
8" STUD FRAMING SCALE: 1"=1'-0"

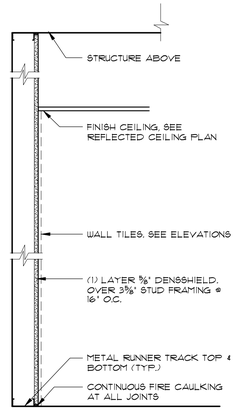


8 SHAFT WALL WITH 4" C-H STUDS
2 HR RATED PER UL U415, SYSTEM B SCALE: 1"=1'-0"

8B SHAFT WALL WITH 4" C-H STUDS
SAME AS TYPE 8, EXCEPT WITH ⅝" DENSHIELD ON OUTER LAYER BEHIND WALL TILES. SEE ELEVATIONS
SCALE: 1"=1'-0"

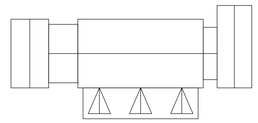


9 CHASE WALL TYPE 9 - STUD PARTITION
3 5/8" STUD FRAMING SCALE: 1"=1'-0"



10 WALL TYPE 10 - FURRED WALL
3 5/8" STUD FRAMING SCALE: 1"=1'-0"

KEY PLAN



N.T.S.

NOTES:

1. ALL STUD FRAMED WALLS AND PARTITIONS SHALL BE ENGINEERED BY A NEW YORK STATE LICENSED STRUCTURAL ENGINEER.
2. REGARDING ALL RATED GYPSUM BOARD WALLS, ALL JOINTS SHALL BE FIRE-TAPED. PROVIDE CONTINUOUS FIRE CAULKING AT ALL WALL/FLOOR AND WALL/DECK INTERSECTIONS.
3. ALL STUD FRAMING SHALL BE INSTALLED FROM THE CONCRETE FLOOR SLAB TO THE UNDERSIDE OF STRUCTURE.
4. CONTRACTOR SHALL NOTE AND COORDINATE THE LOCATIONS OF WALL MOUNTED ACCESSORIES, MILLWORK, EQUIPMENT ETC. AND SHALL PROVIDE 14 GAGE STEEL PLATE BLOCKING WITHIN WALL TO ACCOMMODATE ITS INSTALLATION.

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

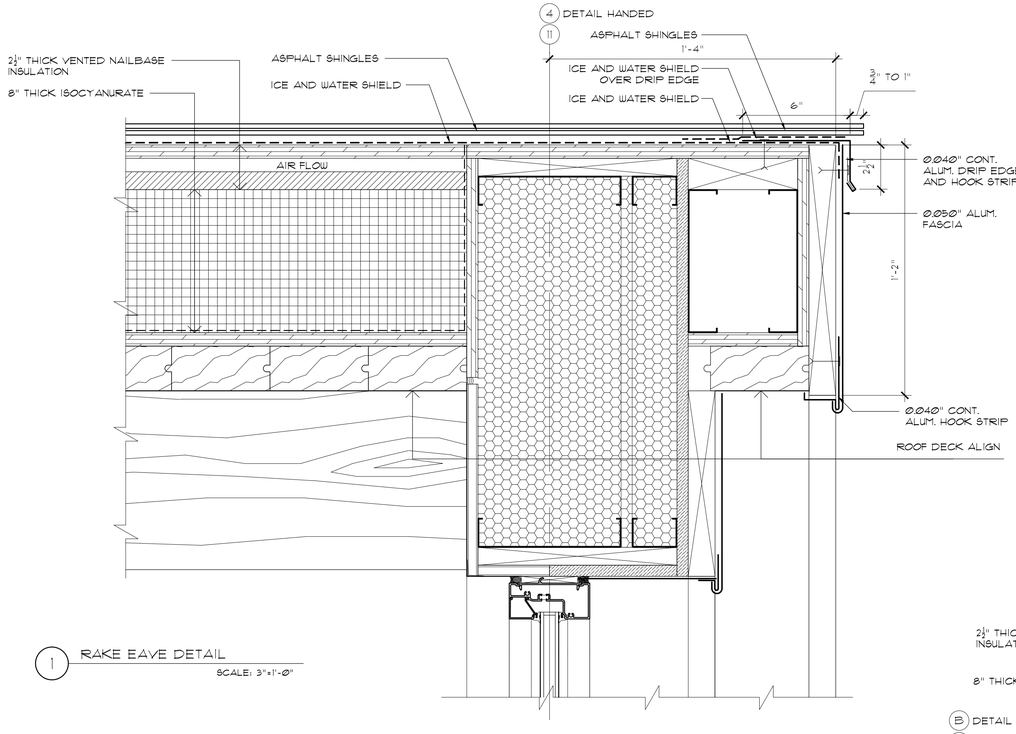
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

PARTITION TYPES

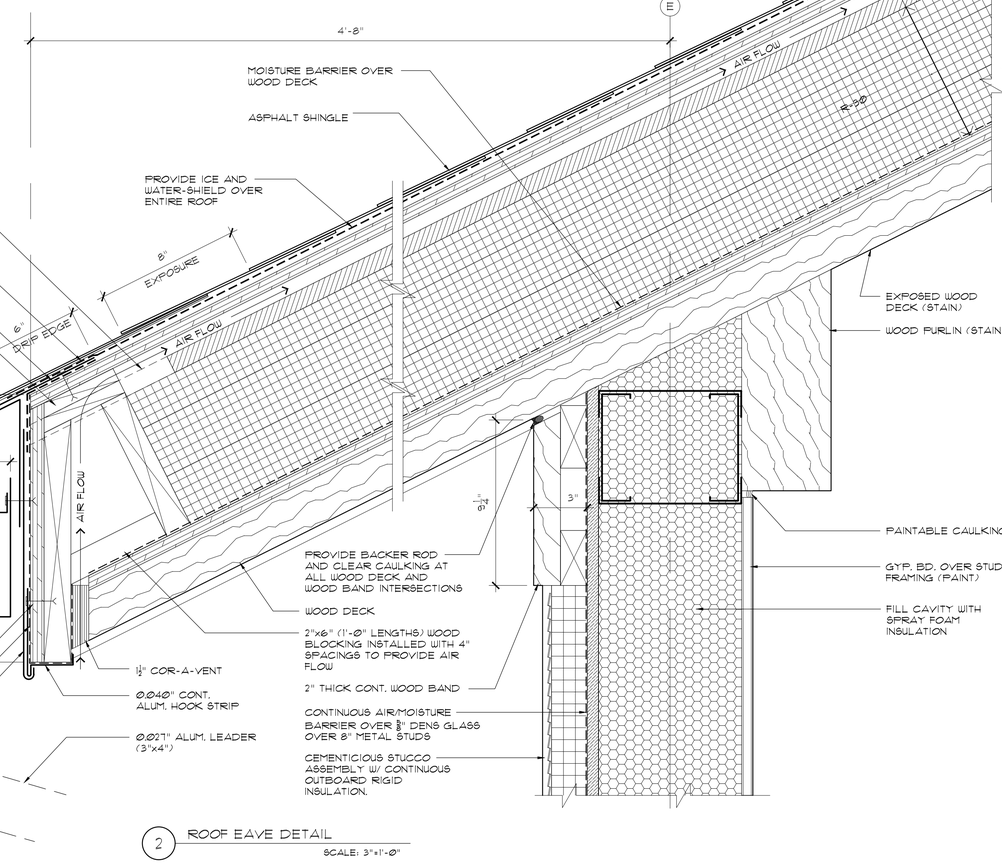
Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: A-800
CADD FILE No:



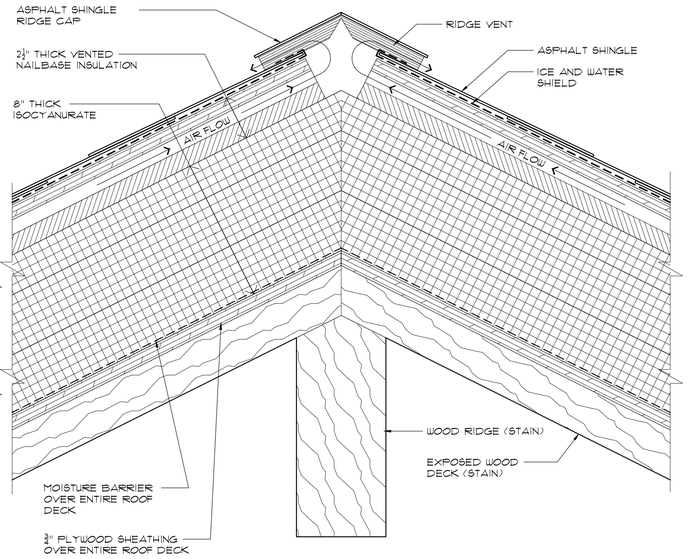
1 RAKE EAVE DETAIL

SCALE: 3"=1'-0"



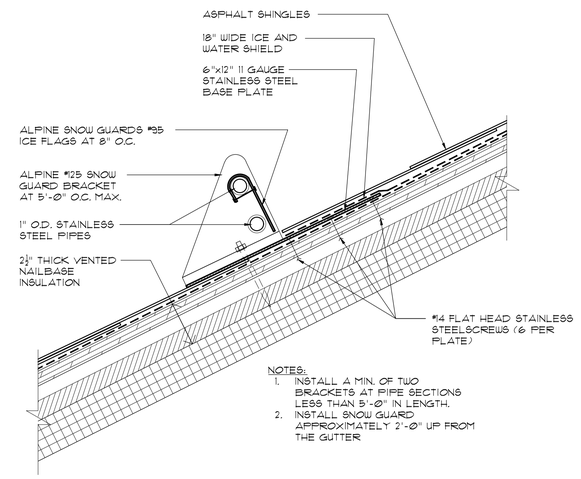
2 ROOF EAVE DETAIL

SCALE: 3"=1'-0"



3 ROOF RIDGE DETAIL

SCALE: 3"=1'-0"

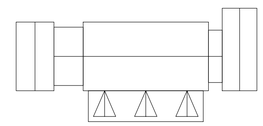


NOTES:
1. INSTALL A MIN. OF TWO BRACKETS AT PIPE SECTIONS LESS THAN 5'-0" IN LENGTH.
2. INSTALL SNOW GUARD APPROXIMATELY 2'-0" UP FROM THE GUTTER

4 SNOW GUARD DETAIL AT SHINGLE ROOF

SCALE: 3"=1'-0"

KEY PLAN



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HOLMES, NY 12531

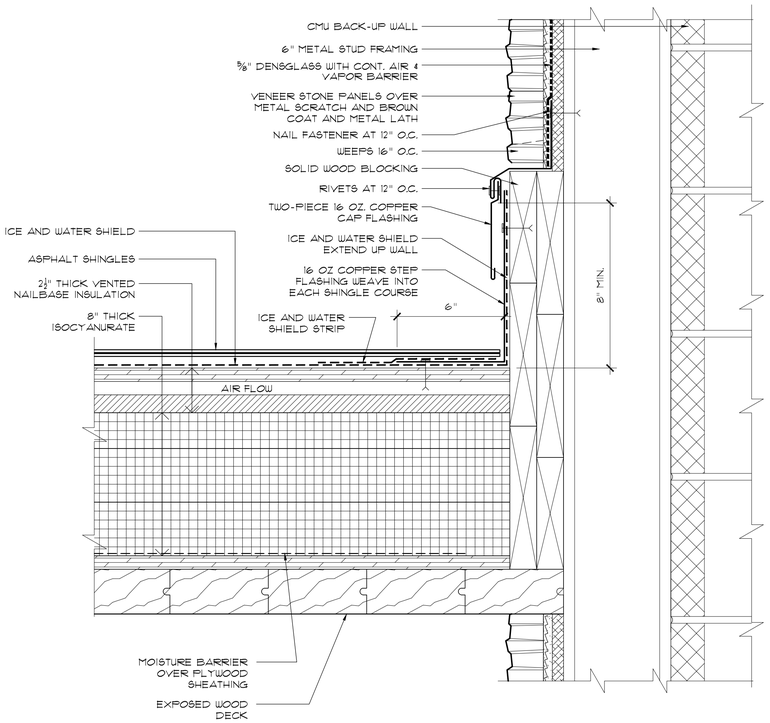
Drawing Title

ROOF DETAILS

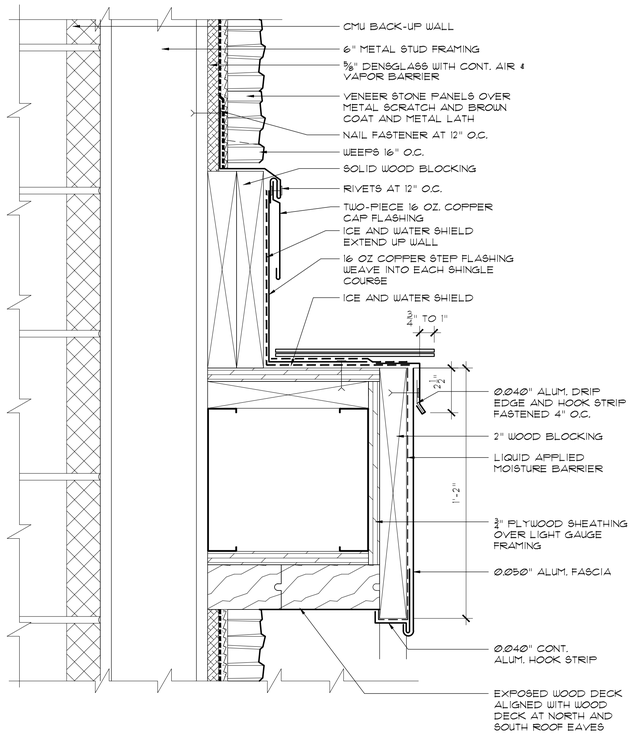
Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: A-860
CADD FILE No:

W:\2005 Girl Scouts of Greater NY



1 CAP FLASHING DETAIL
SCALE: 3"=1'-0"



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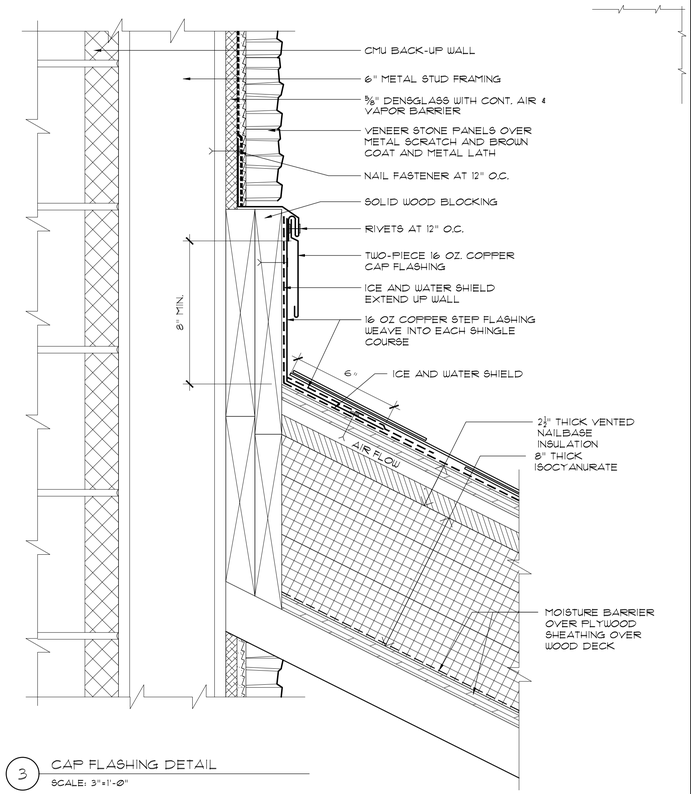

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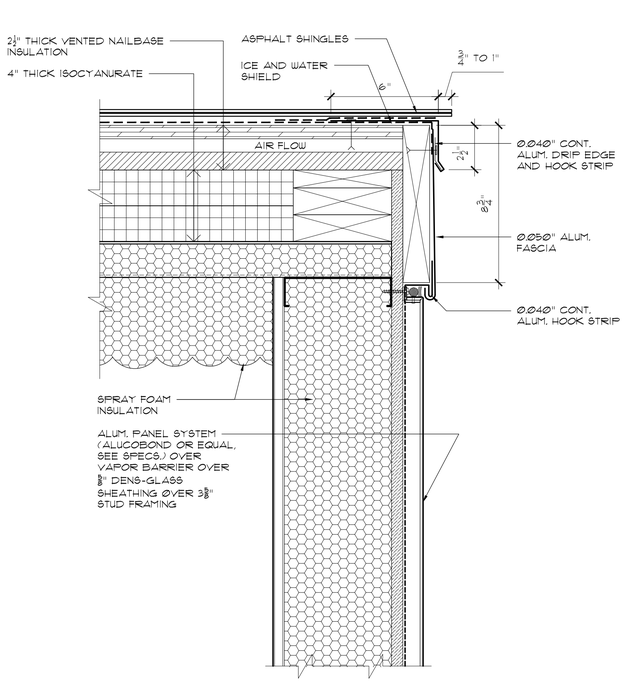

4 RAKE EAVE DETAIL
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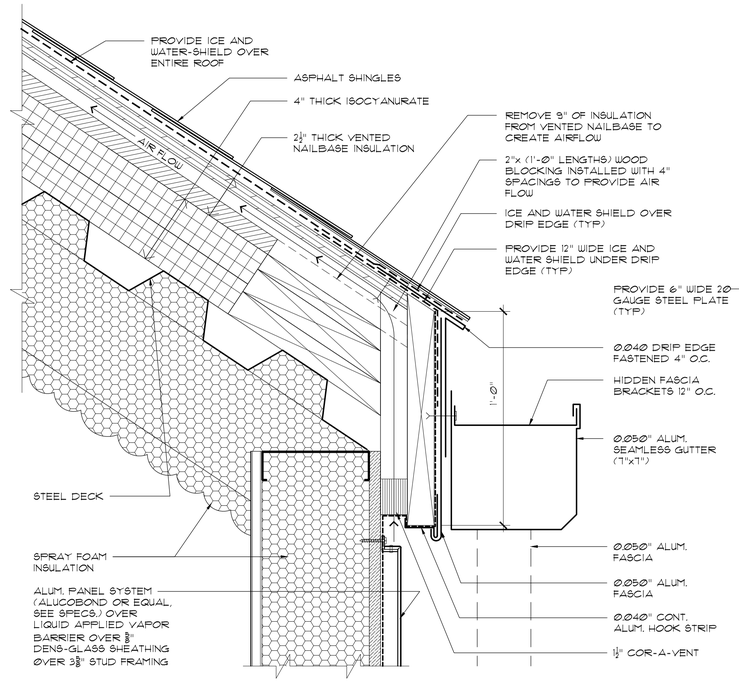

5 EAVE DETAIL
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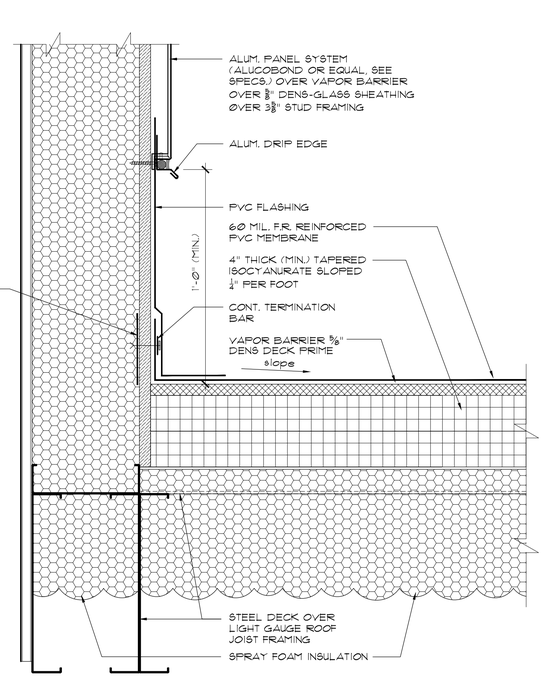
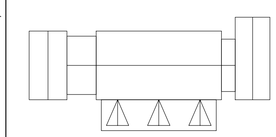


6 FLAT ROOF FLASHING DETAIL
SCALE: 3"=1'-0"

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
D.R. Pilla Consulting Engineers
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FOR REFERENCE ONLY
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Architect
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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

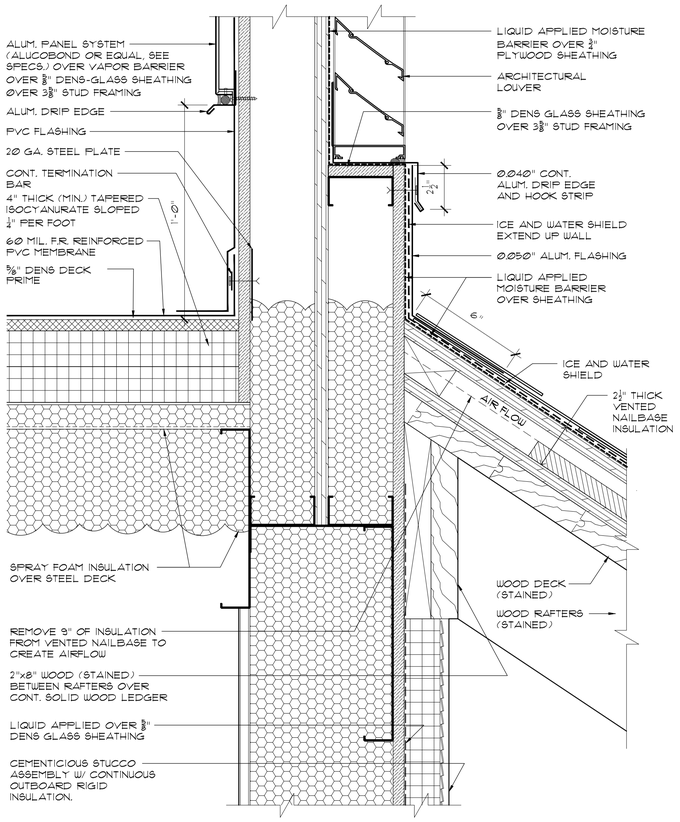
Drawing Title

ROOF DETAILS

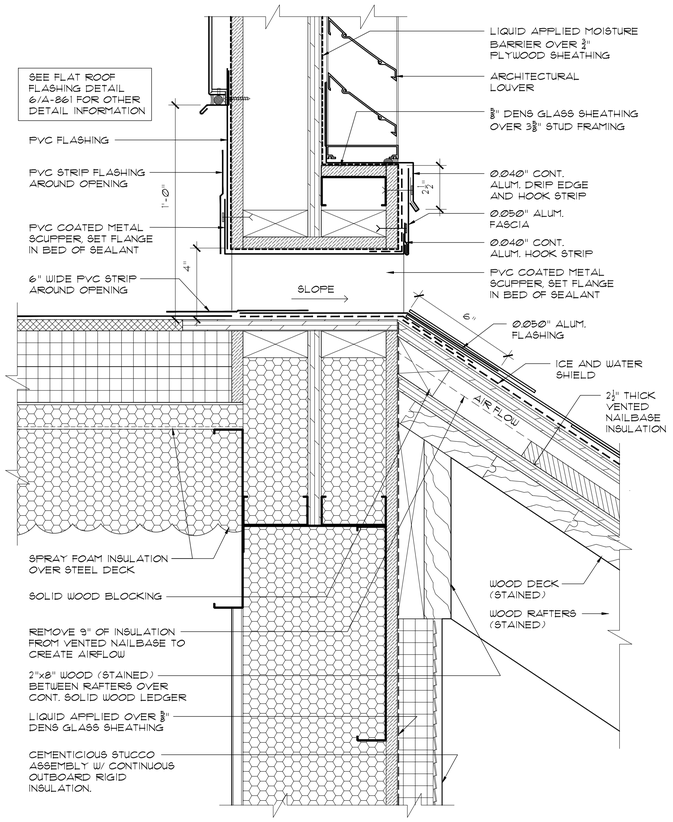
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-861
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 ROOF FLASHING DETAIL
SCALE: 3"=1'-Ø"



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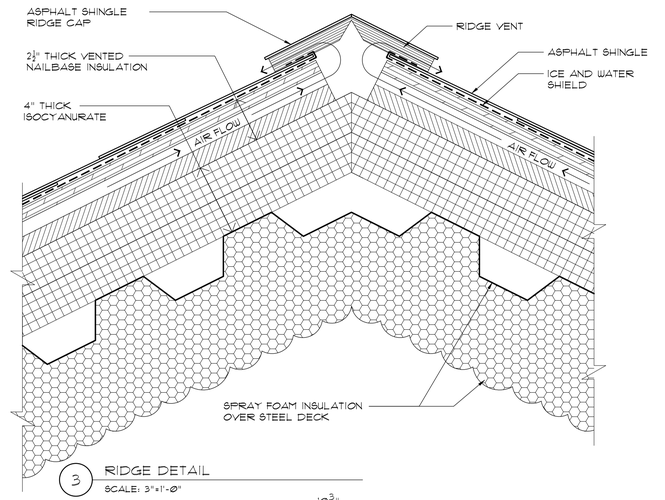

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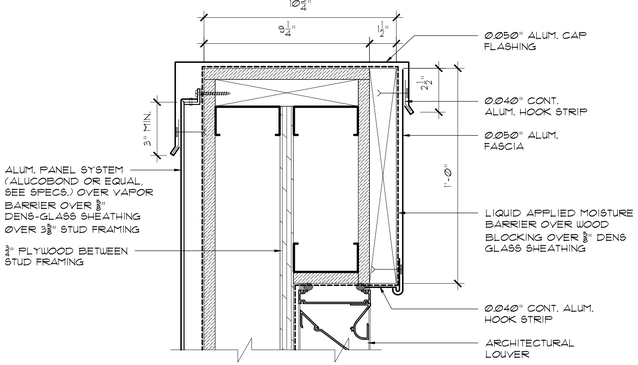

4 CAP DETAIL
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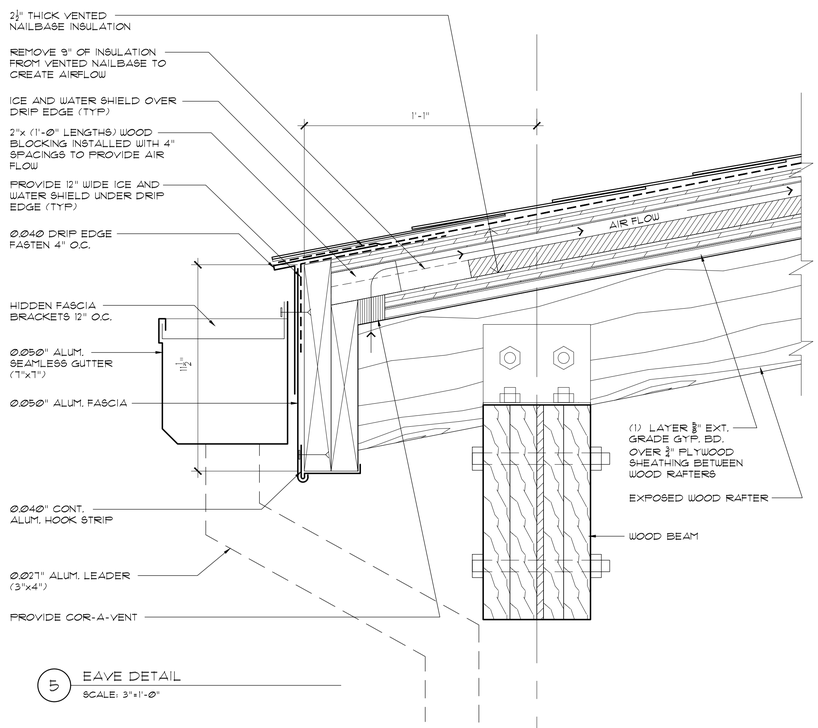
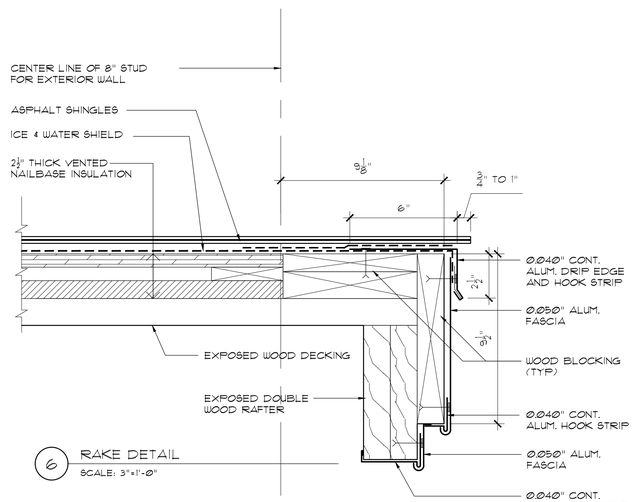


5 EAVE DETAIL
SCALE: 3"=1'-Ø"



6 RAKE DETAIL
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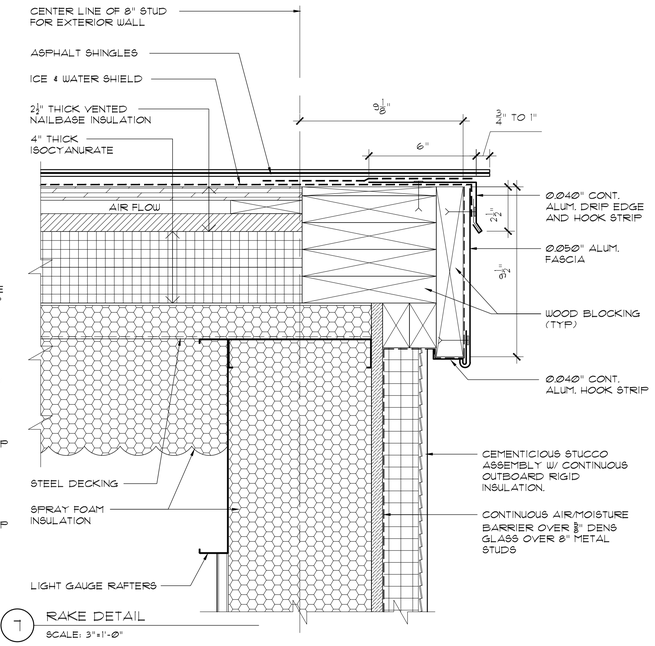
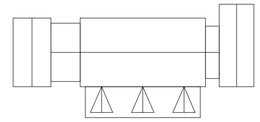


7 RAKE DETAIL
SCALE: 3"=1'-Ø"

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

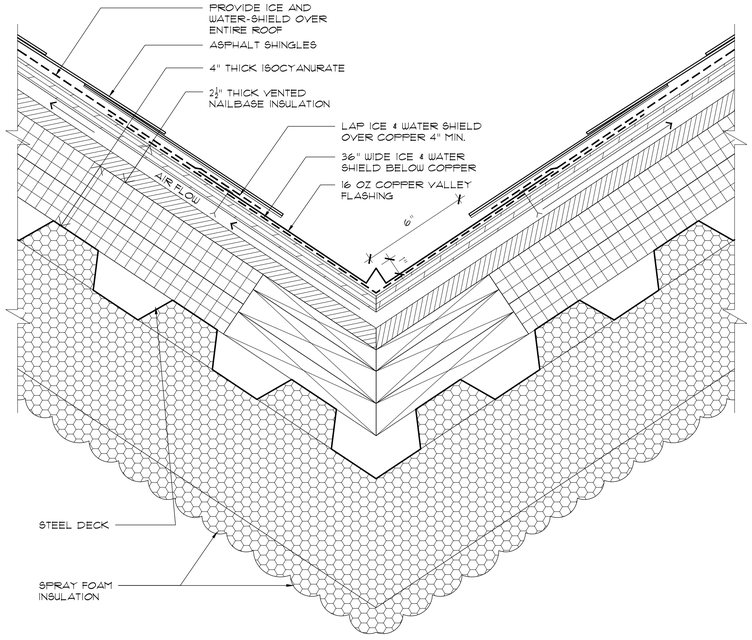
Drawing Title

ROOF DETAILS

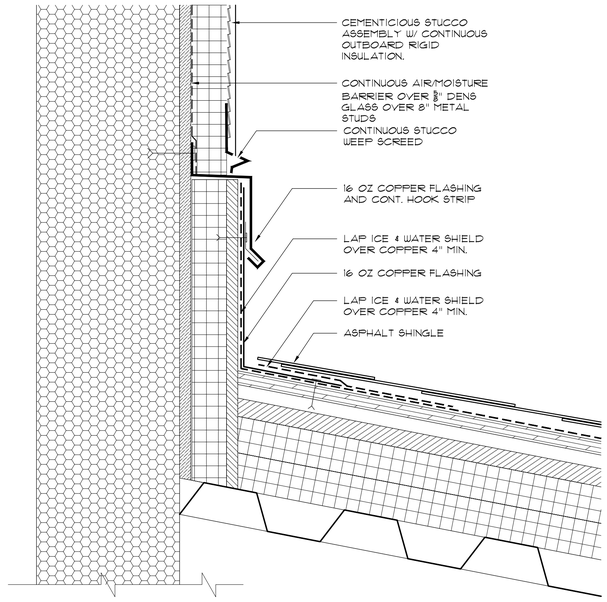
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-862
CADD FILE No:	

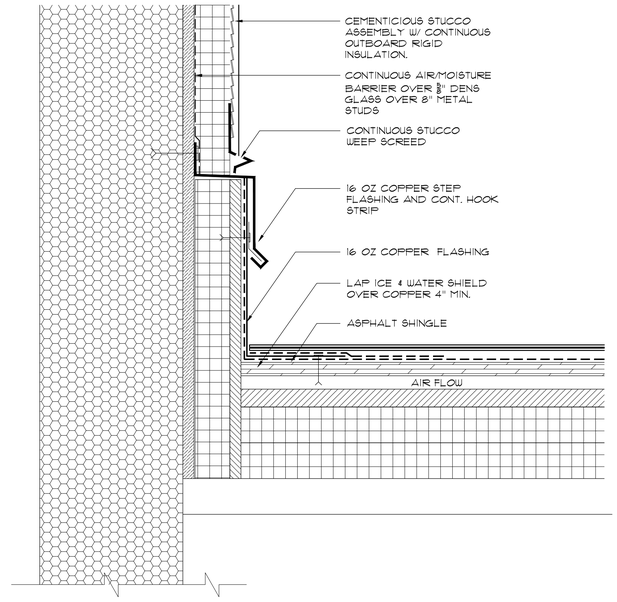
W:\2005 Girl Scouts of Greater NY



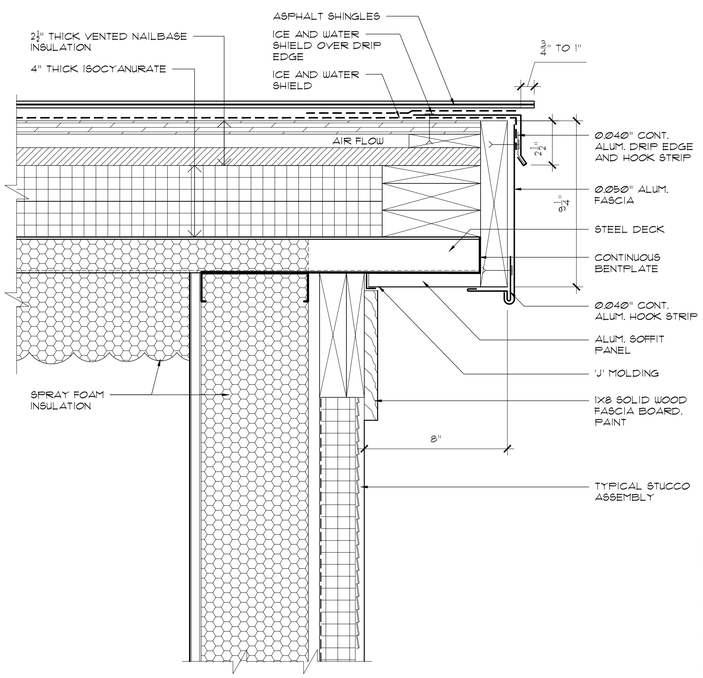
1 TYP. VALLEY DETAIL
SCALE: 3"=1'-0"



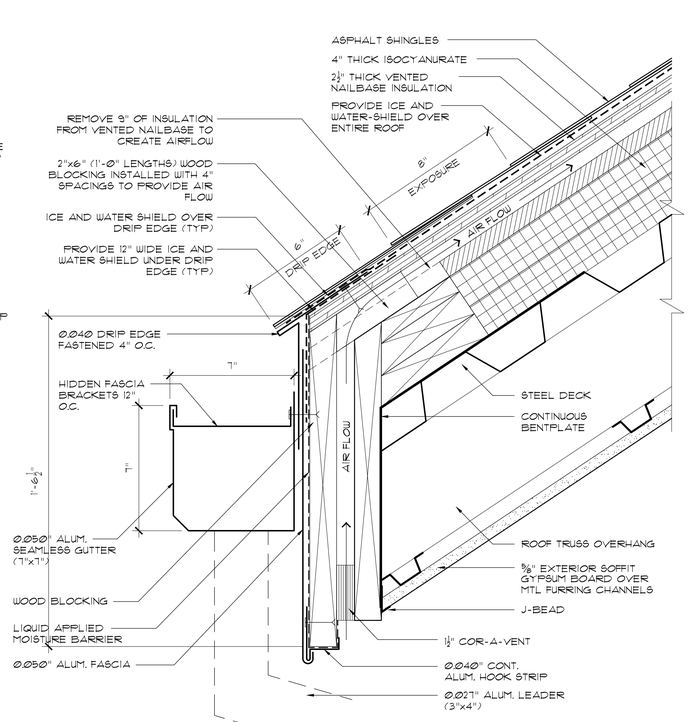
2 TYP. BASE AT SLOPED ROOF
SCALE: 3"=1'-0"



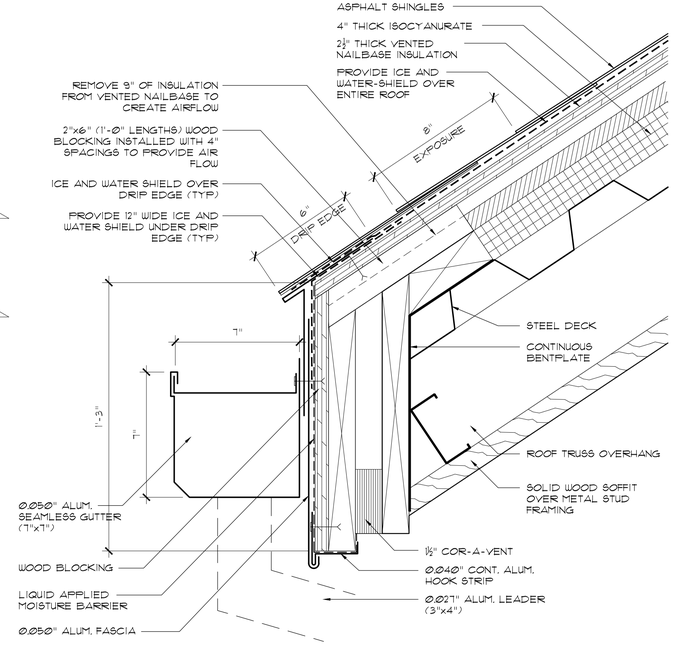
3 TYPICAL BASE
SCALE: 3"=1'-0"



4 TYP. RAKE SLOPED ROOF
SCALE: 3"=1'-0"

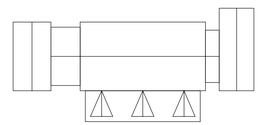


5 TYP. GUTTER EAVE SLOPED ROOF
SCALE: 3"=1'-0"



6 TYP. GUTTER EAVE SLOPED ROOF
SCALE: 3"=1'-0"

KEY PLAN



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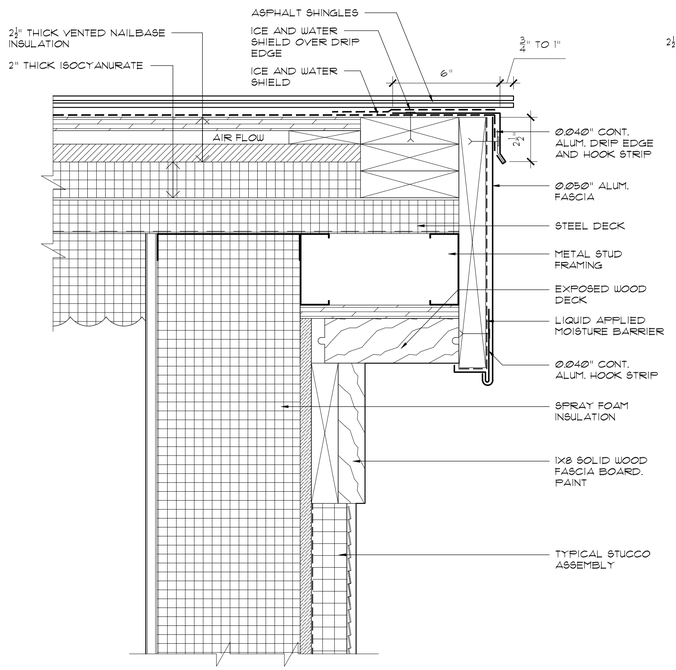
Drawing Title

ROOF DETAILS

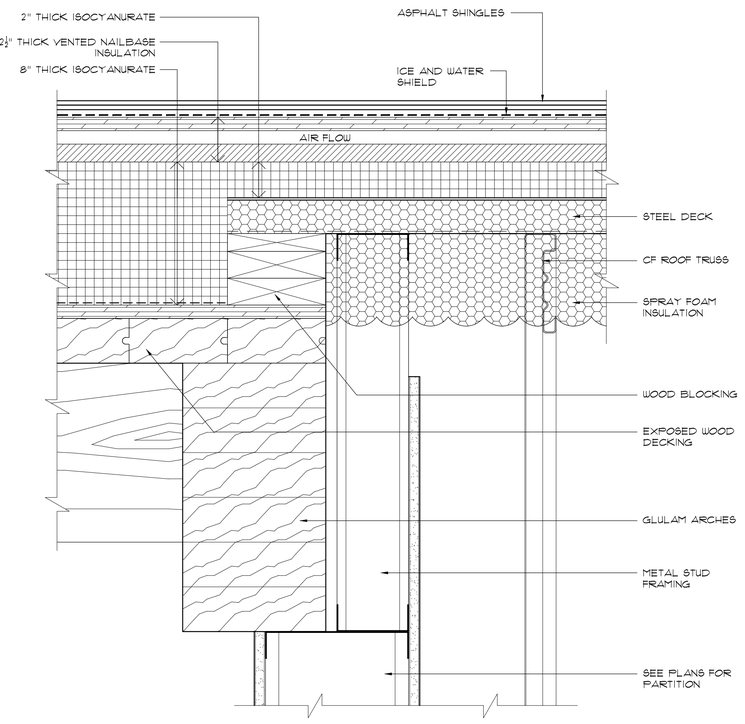
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-863
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 TYP. RAKE AT SLOPED ROOF
SCALE: 3"=1'-0"



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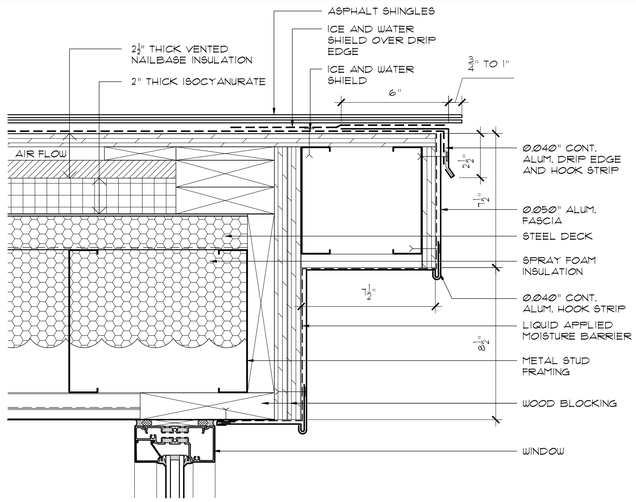
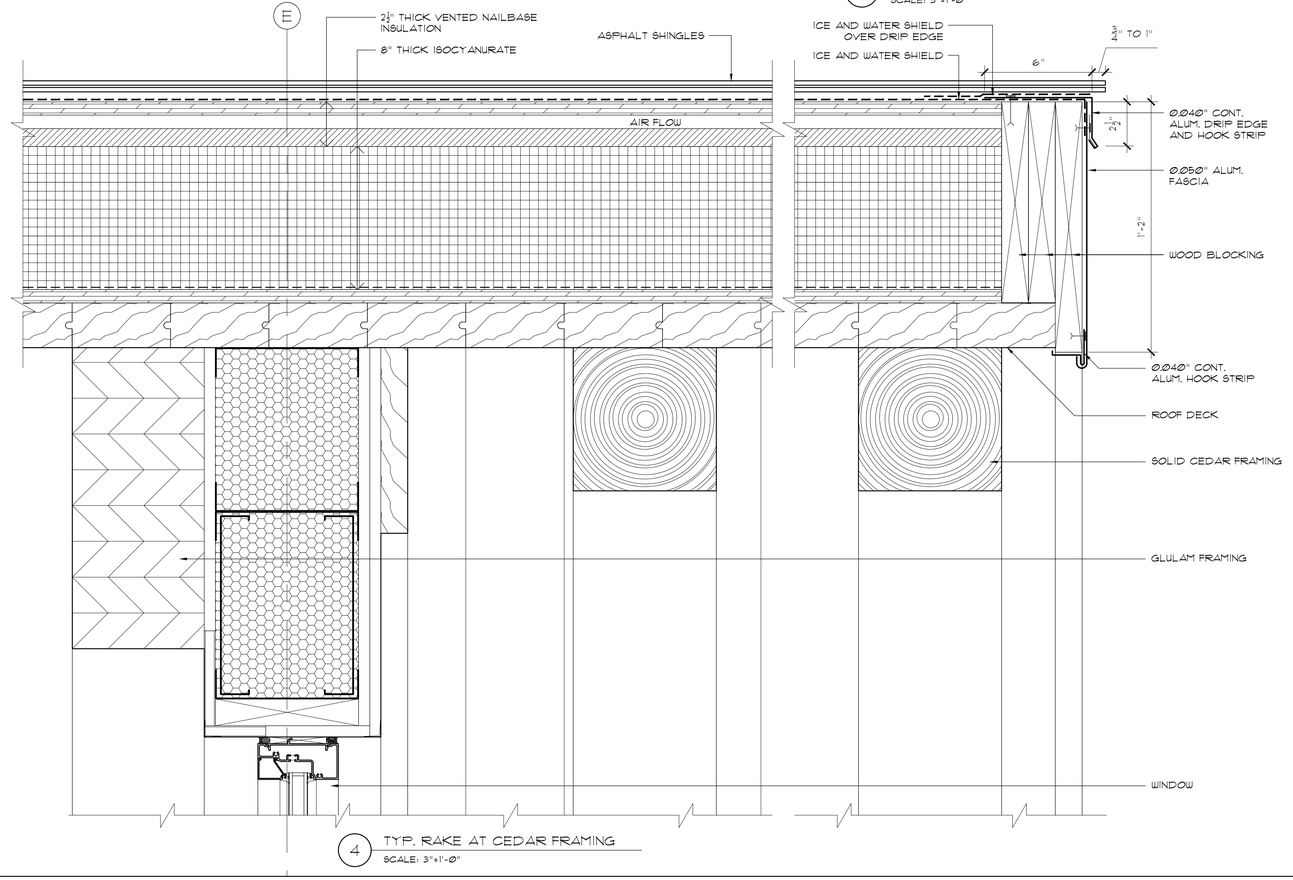
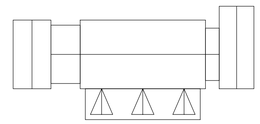


3 TYP. RAKE AT DORMER
SCALE: 3"=1'-0"



4 TYP. RAKE AT CEDAR FRAMING
SCALE: 3"=1'-0"

KEY PLAN



N.T.S.

FOR REVIEW
6/16/22

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

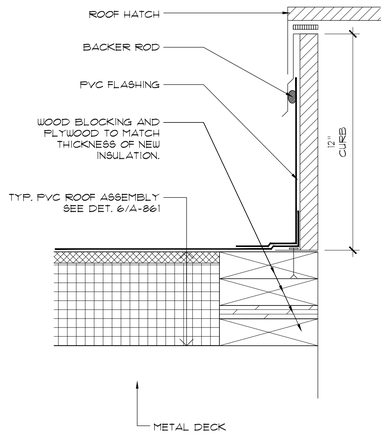
Drawing Title

ROOF DETAILS

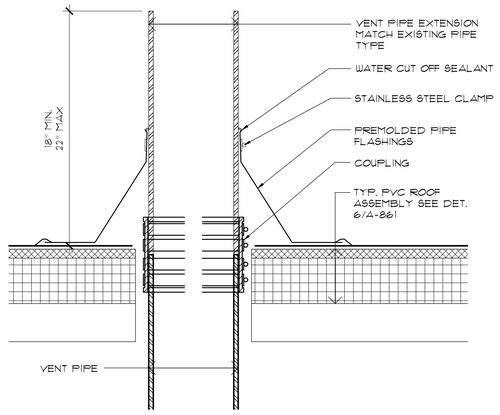
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-864
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



1 TYP. ROOF HATCH DETAIL
SCALE: 3"=1'-0"



2 TYP. VENT PIPE AT FLAT ROOF
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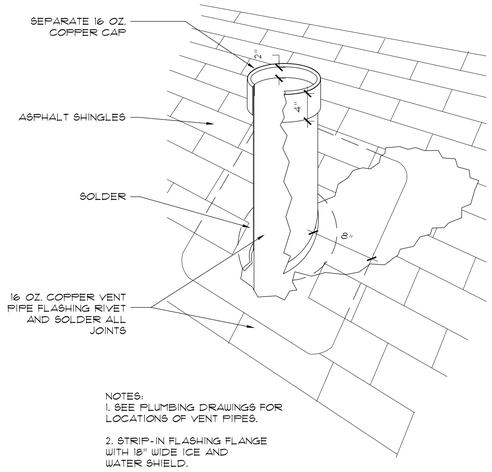
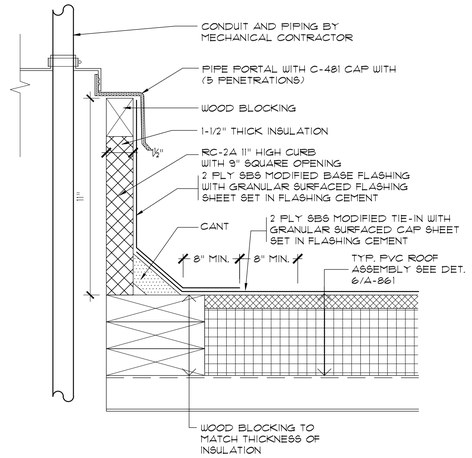


3 TYP. VENT PIPE AT SLOPED ROOF
SCALE: 3"=1'-0"

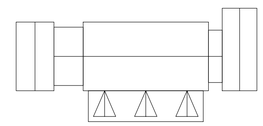


4 TYP. CU PORTAL PIPE CURB
SCALE: 3"=1'-0"

5 TYP. EXHAUST FAN
SCALE: 3"=1'-0"

6 TYP. SEALANT POCKET
SCALE: 3"=1'-0"

KEY PLAN



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Drawing Title

ROOF DETAILS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-865
CADD FILE No:	

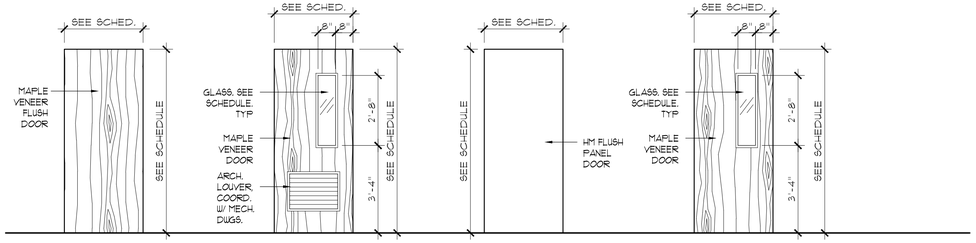
W:\2005 Girl Scouts of Greater NY

DOOR SCHEDULE

FLR	DR#	RM#	RM. NAME	INT/ EXT	DESCRIPTION	DOOR SIZE (WxHxT)	DR TYPE	LABEL	FRAME TYPE	FRAME ELEV.	GLAZING	SADDLE/ THRSHLD	HARD-WARE SET	REMARKS
FIRST FLOOR	101	101	LOBBY	EXT.	ALUM. ENTRANCE	(1 PR.) 3'-0"x 9'-2"x 1-3/4"	SF3	-	ALUM.	SF3	GL-2		06	
	102	102	MEN'S TOILET	INT.	WOOD VENEER	3'-0"x 7'-0"x 1-3/4"	D1	-	HM	F1	-		02	
	103	103	WOMEN'S TOILET	INT.	WOOD VENEER	3'-0"x 7'-0"x 1-3/4"	D1	-	HM	F1	-		02	
	104a	104	CORRIDOR	INT.	-	6'-8"x 7'-0" (FIN. OP'G.)	-	-	HM	F1	-		00	FRAMED OPENING
	104b	104	CORRIDOR	INT.	-	6'-8"x 7'-0" (FIN. OP'G.)	-	-	HM	F1	-		00	FRAMED OPENING
	105	105	OFFICE	INT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF5	-	ALUM.	SF5	GL-3		01	
	106	106	INSTRUCTIONAL	INT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF5	-	ALUM.	SF5	GL-3		01	
	107a	107a	CORRIDOR	INT.	-	6'-0"x 7'-0" (FIN. OP'G.)	-	-	HM	F1	-		00	FRAMED OPENING
	107b	107a	CORRIDOR	EXT.	ALUM. ENTRANCE	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	SF1	-	ALUM.	SF1	GL-2		06-1	
	107c	107	DINING	EXT.	ALUM. ENTRANCE	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	SF2	-	ALUM.	SF2	GL-2		06-1	
	107d	107	DINING	EXT.	ALUM. ENTRANCE	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	SF2	-	ALUM.	SF2	GL-2		06-1	
	107e	107	DINING	EXT.	ALUM. ENTRANCE	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	SF2	-	ALUM.	SF2	GL-2		06-1	
	108a	108	INSTRUCTIONAL	INT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF6	-	ALUM.	SF6	GL-3		01-2	
	108b	108	INSTRUCTIONAL	EXT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF4	-	ALUM.	SF4	GL-2		07	
	109	109	STORAGE CLOSET	INT.	HM. DOOR	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	D1	-	HM	F2	-		03	
	110	110	UNISEX RESTROOM	INT.	WOOD VENEER	3'-0"x 7'-0"x 1-3/4"	D1	-	HM	F1	-		05	
	110a	110a	JANITOR'S CLOSET	INT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		04-1	
	111a	111	INSTRUCTIONAL	INT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF6	-	ALUM.	SF6	GL-3		01-2	
	111b	111	INSTRUCTIONAL	EXT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF4	-	ALUM.	SF4	GL-2		07	
	112	112	STORAGE CLOSET	INT.	HM. DOOR	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	D1	-	HM	F2	-		03	
	113a	113	INSTRUCTIONAL	INT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF6	-	ALUM.	SF6	GL-3		01-2	
	113b	113	INSTRUCTIONAL	EXT.	ALUM. ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF4	-	ALUM.	SF4	GL-2		07	
	115a	115	KITCHEN	INT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D4	2HR	HM	F1	GL-1		01-3	
	115b	115	KITCHEN	INT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D4	2HR	HM	F1	GL-1		01-3	
	115c	115	KITCHEN	EXT.	HM. DOOR	4'-0"x 7'-0"x 1-3/4"	D3	-	HM	F3	-		08	LOUVER TRANSOM
	115d	115	KITCHEN	EXT.	HM. DOOR	4'-0"x 7'-0"x 1-3/4"	D3	-	HM	F3	-		08	LOUVER TRANSOM
	116a	116	LAUNDRY	INT.	WOOD VENEER	3'-0"x 7'-0"x 1-3/4"	D2	-	HM	F1	GL-3		04-2	
	116b	116	LAUNDRY	EXT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		07-1	
	117	117	PANTRY	INT.	WOOD VENEER	3'-0"x 7'-0"x 1-3/4"	D2	-	HM	F1	GL-3		01-1	
	120	120	ELECTRICAL ROOM	EXT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		09	
	121	121	MECHANICAL ROOM	EXT.	HM. DOOR	(1 PR.) 3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F2	-		03-1	
	122	122	INSTRUCTIONAL ROOM	INT.	ALUM ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF5	-	ALUM.	SF5	GL-3		03-1	
	122a	122	INSTRUCTIONAL ROOM	EXT.	ALUM ENTRANCE	3'-0"x 7'-0"x 1-3/4"	SF8	-	ALUM.	SF8	GL-2		07	
MEZZ	201	201	STAIR A / MECHANICAL	EXT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		09	DOOR IS LOCATED ON FIRST FLOOR
	202	202	MECHANICAL	INT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		04-3	
	203	203	STORAGE	INT.	HM. DOOR	3'-0"x 7'-0"x 1-3/4"	D3	-	HM	F1	-		04	

ALUMINUM STOREFRONT ENTRANCE SCHEDULE

TYPE	SIZE (WxH)	FRAME TYPE	INT / EXT	GLAZING	STOREFRONT SYSTEM	REMARKS
SF1	3'-4" x 7'-2"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF1a	3'-4" x 7'-2"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT VISION PANEL SYSTEM, SEE SPECS.
SF2	6'-4" x 7'-2"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF3	6'-4" x 9'-4"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF4	9'-8" x 9'-4"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF5	6'-6" x 7'-2"	ALUM.	INT.	GL-3	KAWNEER TRIFAB VERSAGLAZE 451	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF6	9'-8" x 7'-2"	ALUM.	INT.	GL-3	KAWNEER TRIFAB VERSAGLAZE 451	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF7	6'-4" x 9'-4"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.
SF8	9'-8" x 7'-2"	ALUM.	EXT.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT ENTRANCE SYSTEM, SEE SPECS.

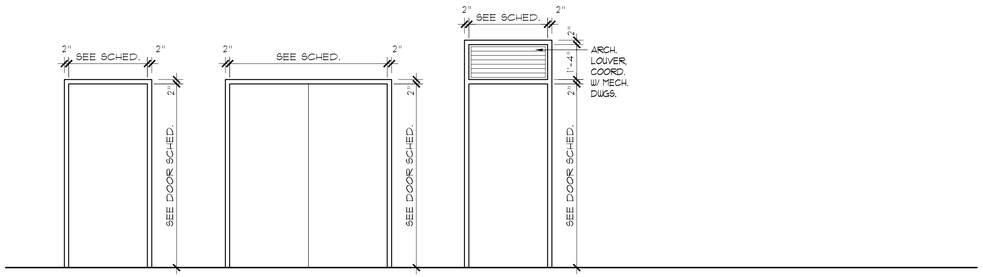


D1 WOOD VENEER DOOR — SCALE: 3/8"=1'-0"

D2 WOOD VENEER DOOR — SCALE: 3/8"=1'-0"

D3 HOLLOW METAL DOOR — SCALE: 3/8"=1'-0"

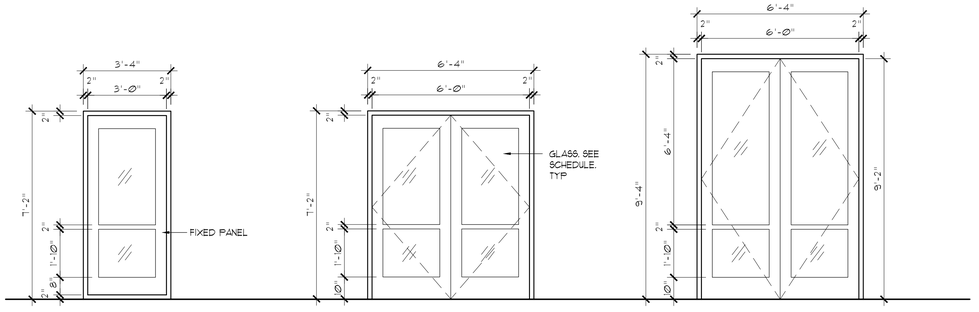
D4 WOOD VENEER DOOR — SCALE: 3/8"=1'-0"
2-HOUR RATED



F1 HOLLOW METAL FRAME — SCALE: 3/8"=1'-0"
FOR JAMB AND HEAD DETAIL AT EACH DOOR OPENING, SEE DOOR SCHEDULE

F2 HOLLOW METAL FRAME — SCALE: 3/8"=1'-0"
FOR JAMB AND HEAD DETAIL AT EACH DOOR OPENING, SEE DOOR SCHEDULE

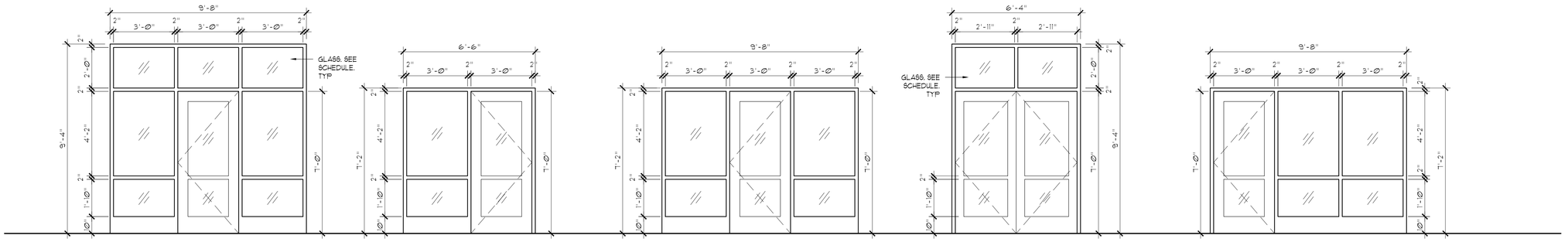
F3 HOLLOW METAL FRAME — SCALE: 3/8"=1'-0"



SF1 ALUM STOREFRONT VISION PANEL — SCALE: 3/8"=1'-0"

SF2 ALUM STOREFRONT ENTRANCE — SCALE: 3/8"=1'-0"

SF3 ALUM STOREFRONT ENTRANCE — SCALE: 3/8"=1'-0"



SF4 ALUM STOREFRONT ENTRANCE — SCALE: 3/8"=1'-0"

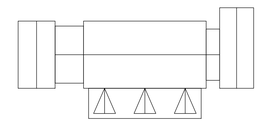
SF5 ALUM STOREFRONT ENTRANCE (INT) — SCALE: 3/8"=1'-0"

SF6 ALUM STOREFRONT ENTRANCE (INT) — SCALE: 3/8"=1'-0"

SF7 ALUM STOREFRONT ENTRANCE — SCALE: 3/8"=1'-0"

SF8 ALUM STOREFRONT ENTRANCE — SCALE: 3/8"=1'-0"

KEY PLAN



N.T.S.

GLAZING KEY:

GL-1 FIRE RATED GLASS
GL-2 1" INSULATED GLASS, TEMPERED
GL-2a SAME AS GL-2 (FROSTED)
GL-3 ¼" TEMPERED GLASS

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
D.R. Pilla Consulting Engineers
143 Main Street
Nyack, NY 10960
PH (845) 727-7793

M.E.P. ENGINEER
Tietjen Venegas Consulting Engineers
68 Purchase Street,
Rye, NY 10580
PH (914) 967-9505

FOR REFERENCE ONLY
CIVIL ENGINEER
Insite Engineering, Surveying & Landscape Architecture, P.C.
3 Garrett Place
Carmel, NY 10512
PH (845) 225-9690

Architect
PETER GISOLFI ASSOCIATES
Architects · Landscape Architects, LLP
566 Warburton Avenue, Hastings-on-Hudson, NY 10706
Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ALUM. STOREFRONT
SYSTEM & DOOR SCHED.

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: A-900
CADD FILE No:

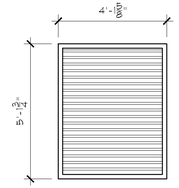
W:\2005 Girl Scouts of Greater NY

ALUMINUM STOREFRONT WINDOW SCHEDULE

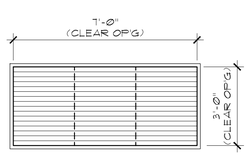
TYPE	SIZE (WxH)	FRAME TYPE	GLAZING	STOREFRONT SYSTEM	REMARKS
W-1	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-2	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-3	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-4	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-5	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-6	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-7	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-8	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-9	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-10	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-11	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-12	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-13	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-14	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-15	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-16	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-17	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.
W-18	SEE ELEVATION	ALUM.	GL-2	KAWNEER TRIFAB VERSAGLAZE 451T	ALUM. STOREFRONT WINDOW, SEE SPECS.

ARCHITECTURAL LOUVER SCHEDULE

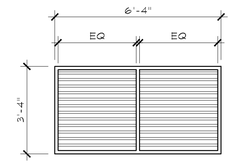
TYPE	SIZE (WxH)	MODEL	DESCRIPTION	SCREEN	REMARKS
L-1	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	COORDINATE WITH MECHANICAL DRAWINGS
L-2	SEE ELEVATION	ARCH GRILLE AG10	ALUMINUM TRANSFER GRILLE	NO	PROVIDE WITH 'H' FRAME. POWDER COAT TO MATCH WALL COLOR
L-3	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	COORDINATE WITH MECHANICAL DRAWINGS
L-3a	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	WITHIN DOOR TRANSOM. COORDINATE WITH MECHANICAL DRAWINGS
L-4	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	COORDINATE WITH MECHANICAL DRAWINGS
L-5	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	COORDINATE WITH MECHANICAL DRAWINGS
L-6	SEE ELEVATION	AIROLITE K6844	ALUMINUM DRAINABLE LOUVER	YES	WITHIN DOOR TRANSOM. COORDINATE WITH MECHANICAL DRAWINGS



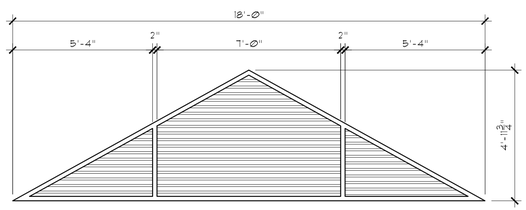
L-1 ARCHITECTURAL LOUVER
SCALE: 3/8"=1'-0"



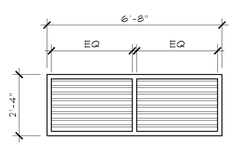
L-2 ARCHITECTURAL GRILLE
(AIR RETURN) SCALE: 3/8"=1'-0"



L-3 ARCHITECTURAL LOUVER
(ECONOMIZER RELIEF LOUVER) SCALE: 3/8"=1'-0"

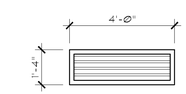


L-4 ARCHITECTURAL LOUVER
SCALE: 3/8"=1'-0"

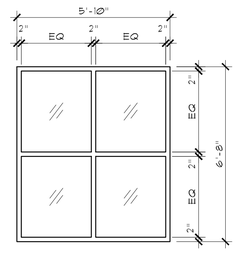


L-5 ARCHITECTURAL LOUVER
SCALE: 3/8"=1'-0"

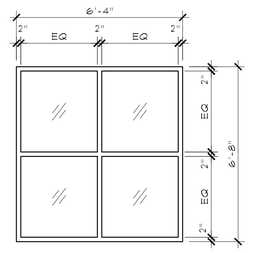
L-5a ARCHITECTURAL LOUVER
DOOR TRANSOM SCALE: 3/8"=1'-0"



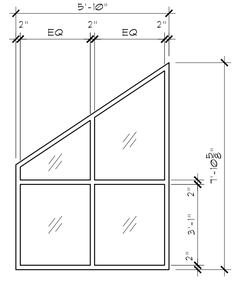
L-6 ARCHITECTURAL LOUVER
SCALE: 3/8"=1'-0"



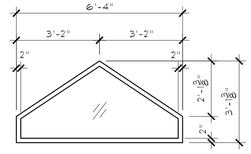
W-1 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



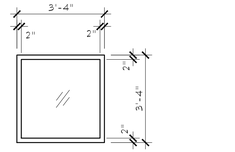
W-2 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



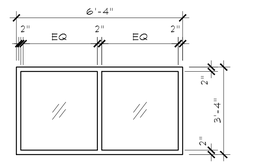
W-3 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



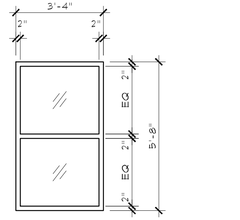
W-4 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



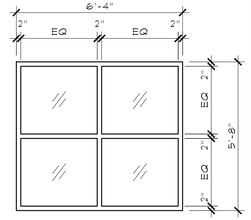
W-5 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



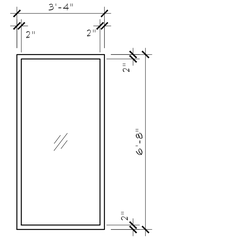
W-6 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



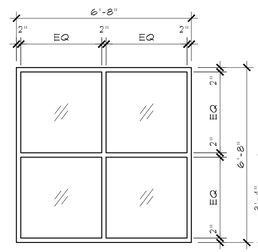
W-7 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



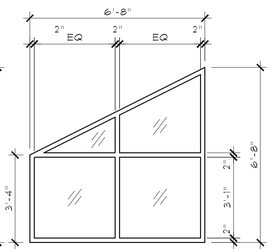
W-8 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



W-9 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"

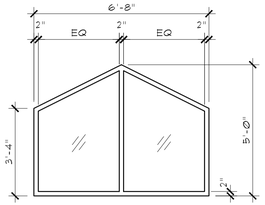


W-10 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"

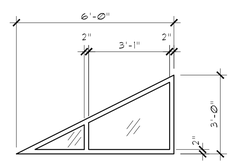


W-11 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"

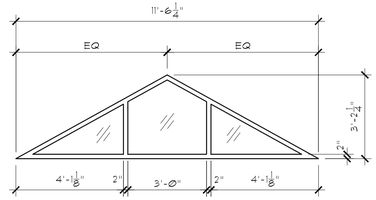
W-12 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



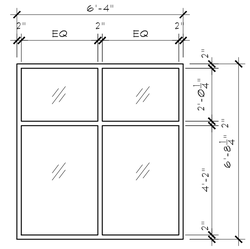
W-13 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



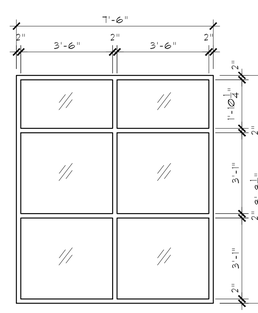
W-14 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



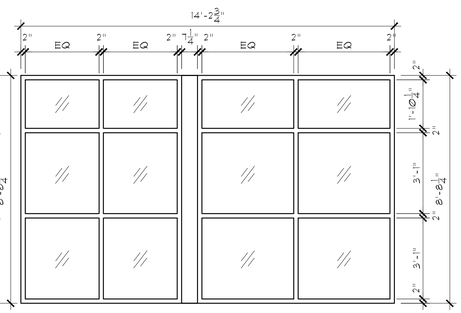
W-15 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



W-16 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"

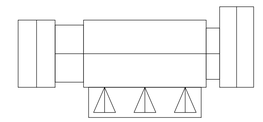


W-17 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"



W-18 ALUM STOREFRONT WINDOW
SCALE: 3/8"=1'-0"

KEY PLAN



N.T.S.

GLAZING KEY:

GL-1 FIRE RATED GLASS
GL-2 1" INSULATED GLASS, TEMPERED
GL-3 ¼" TEMPERED GLASS

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

STRUCTURAL ENGINEER
D.R. Pilla Consulting Engineers
143 Main Street
Nyack, NY 10960
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M.E.P. ENGINEER
Tietjen Venegas Consulting Engineers
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PH (914) 967-9505

FOR REFERENCE ONLY
CIVIL ENGINEER
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Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

WINDOW SCHEDULE

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-901
CADD FILE No:	

W-2005 Girl Scouts of Greater NY

FIRST FLOOR FINISH SCHEDULE

RM	ROOM NAME	FLOOR	BASE	LOW.WALL	UP. WALL	CEILING	MOLD	GUS WINDOW SURROUND	REMARKS
101	LOBBY	PT-1	WB	P-1	P-2	WD-1	WD-2	P-3	CEILING BY GLU-LAM CONTRACTOR
102	TOILET MEN	PT-2	PT-3B	PT-3	PT-3	ACT-1	--	--	
103	TOILET WOMEN	PT-2	PT-3B	PT-3	PT-3	ACT-1	--	--	
104	CORRIDOR	PT-1	WB	P-1	--	P-4	--	--	
105	OFFICE	LN-1	WB	P-1/DB-1	--	ACT-1	--	--	
106	INSTRUCTIONAL	LN-1	WB	P-1/DB-1	--	ACT-1	--	--	SEE A-400 FOR TACK BOARD LOCATION
107	DINING ROOM	PT-1	WB	P-1	P-2	WD-1	WD-2	P-3	CEILING BY GLU-LAM CONTRACTOR
107a	CORRIDOR	PT-1	WB	P-1	--	ACT-1	--	--	CEILING BY GLU-LAM CONTRACTOR
108	INSTRUCTIONAL	LN-1	WB	P-1/DB-1	--	ACT-1	--	--	SEE A-400 FOR TACK BOARD LOCATION
109	CLOSET	LN-1	RB	P-1	--	ACT	--	--	
110	RESTROOM UNISEX	PT-2	PT-3B	PT-3	P-4	ACT-1	--	--	
110a	JANITOR CLOSET	PT-2	PT-3B	FRP-1	--	ACT-1	--	--	
111	INSTRUCTIONAL	LN-1	WB	P-1/DB-1	--	ACT-1	--	--	SEE A-400 FOR TACK BOARD LOCATION
112	CLOSET	LN-1	RB	P-1	--	ACT	--	--	
113	INSTRUCTIONAL	LN-1	WB	P-1/DB-1	--	ACT-1	--	--	SEE A-400 FOR TACK BOARD LOCATION
114	NOT USED								
115	KITCHEN	QT-1	QT-1B	FRP-1	P-5	ACT-2	--	--	
115a	DISHWASHING AREA	QT-1	QT-1B	FRP-1	P-5	ACT-2	--	--	
116	LAUNDRY	QT-1	QT-1B	FRP-1	P-5	ACT-2	--	--	
117	PANTRY	QT-1	QT-1B	P-5	--	ACT-2	--	--	
118	WALK-IN COOLER	--	--	--	P-5	--	--	--	PAINT WALLS ABOVE COOLER
119	WALK-IN FREEZER	--	--	--	P-5	--	--	--	PAINT WALLS ABOVE FREEZER
120	ELECTRICAL	SC	RB	P-6	--	P-7	--		
121	MECHANICAL	SC	RB	P-6	--	P-7	--		

SECOND FLOOR FINISH SCHEDULE

201	MECHANICAL	FB-1	RB	P-6	--	P-7	--	--	
202	MECHANICAL	FB-1	RB	P-6	--	P-7	--	--	
203	STORAGE	FB-1	RB	P-6	--	P-7	--	--	

PARTIAL PLUMBING FIXTURE SCHEDULE

DESCRIPTION	PRODUCT DETAILS/NOTES	LOCATION
UNDER-MOUNT SINK	AMERICAN STANDARD BOULEVARD SINK, 6" DEEP, CENTER HOLE	T.R. 102, 103
WALL-HUNG SINK	AMERICAN STANDARD, DECORUM, CENTER HOLE	ROOMS 115, 205, 206, 207
BATHROOM FAUCET	HANSGROHE, "METRIS S" AUTOMATIC FAUCET	ROOMS 123, 124
FLOOR MOUNTED TOILET	SEE PLUMBING SPEC	ROOM 110
WALL MOUNTED TOILET	SEE PLUMBING SPEC	T.R. 102, 103
JANITORS SINK	SEE PLUMBING SPEC	ROOM 110a
DRINKING FOUNTAIN	ELKAY "EZ H2O" LZWS 8S8K, ADA DRINKING FOUNTAIN AND BOTTLE FILLER	ROOM 104

PLUMBING FIXTURES ARE NOT LIMITED TO THIS SCHEDULE. SEE PLUMBING DRAWINGS FOR A MORE COMPREHENSIVE LIST
SEE KITCHEN DRAWINGS FOR ALL KITCHEN EQUIPMENT AND FIXTURES

FINISH LIST

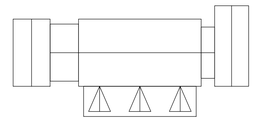
FLOOR

SYMB.	TYPE	DESCRIPTION	SIZE	LOCATION
PT-1	PORCELAIN TILE	PROSPEC CASALGRANDE PADANA, GEOWOOD, COLOR: KOA	22.5X180cm	LOBBY. DINING ROOM
PT-2	PORCELAIN TILE	PROSPEC CASALGRANDE PADANA, BASALTINA, COLOR: LIPARI	12" X24"	CORRIDORS, TOILET ROOMS
LN-1	LINOLEUM	TARKETT LINO FLOOR, WELDED SEAMS, COLOR TBD	ROLL	OFFICE, INSTRUCTIONAL
QT-1	QUARRY TILE	QUARRY BASICS, 507 PURITAN GRAY (GROUT: MAPEI, COLOR TBD)	8" X 8"	KITCHEN
SC	SEALED CONCRETE	SEE SPEC	--	MECHANICAL, ELECTRICAL
FB-1	FLOOR BOARDS	DRAGON BOARD MGO STRUCTURAL SUBFLOORING	4' X 8' X 3/4"	SECOND FLOOR
BASE				
QB	QUARRY TILE BASE	METROPOLITAN CERAMICS, QUARRY BASICS, COLOR:507 PURITAN GRAY	6" H	KITCHEN
RB	RUBBER BASE	JOHNSONITE BASEWORKS THERMOSET RUBBER, COVE BASE SHALL HAVE PREFAB INSIDE/OUTSIDE CORNERS	4" ROLLS	MECHANICAL, STORAGE
WB	WOOD BASE	SQUARE CORNERS, CLEAR STAINED WHITE OAK TO MATCH ARCHITECT'S SAMPLE	6" H	SEE FINISH PLANS
WALL				
PT-3	PORCELAIN TILE	PROSPEC, CASALGRANDE PADANA, TERRE TOSCANA, COLOR: MONTERIGGIONI (MATTE)	12" X 24"	SEE ELEVATIONS
FRP-1	FIBERGLASS REINFORCED PLASTIC	PANOLAM, CLASSIC COLLECTION, INCLUDE INSIDE CORNERS, COLOR: WHITE, SMOOTH FINISH	4' X 9' SHEETS	JANITOR CLOSET, KITCHEN
P1 - 6	WALL PAINT COLORS	BENJAMIN MOORE ECO SPEC, INTERIOR LATEX, EGGSHELL, MOCK-UPS REQUIRED	-	WALL COLORS DETERMINED IN FIELD
DB-1	DISPLAY BOARD	KOROSEAL / WALLTALKERS IN ALUMINUM FRAME	SEE DWGS	INSTUCTIONAL (SEE ELEVS)
CEILING				
ACT-1	ACOUSTIC CEILING TILE (CLASS C)	ARMSTRONG "ULTIMA" 1912, GRID: SILHOUETTE 5/8" SLOT	24" X 24"	SEE RCP
ACT-2	ACOUSTIC CEILING TILE (CLASS C)	ARMSTRONG "ULTIMA HEALTH ZONE" 1935, GRID: 15/16" PRELUDE	24" X 24"	SEE RCP
P7	CEILING PAINT COLOR	BENJAMIN MOORE ECO SPEC, INTERIOR LATEX, MATTE, MOCK-UPS REQUIRED	-	CEILING COLOR DETERMINED IN FIELD
MISCELLANEOUS				
FRP	FIBERGLASS REINFORCED PLASTIC	PANOLAM, CLASSIC COLLECTION, INCLUDE INSIDE CORNERS, COLOR: WHITE, SMOOTH FINISH	4' X 9' SHEETS	JANITORS CLOSETS, KITCHEN
WD-2	WOOD WALL TRIM/MOULDING	WOOD TRIM, COLOR TO MATCH ARCHITECT'S SAMPLE	SEE DWGS	LOBBY, DINING ROOM
P-LAM 1	HIGH-PRESSURE LAMINATE	WILSONART COLOR TBD, TEXTURED GLOSS FINISH	4'X8' SHEETS	DINING ROOM
CS-1	SOLID SURFACE	CAESARSTONE SOLID SURFACE, 0.490" THICKNESS,	SEE DWGS	RESTROOM & DINING ROOM COUNTERTOPS
WM	WALK OFF MAT	MATS, INC / NUWAY	SEE DWGS	LOBBY, DINING ROOM
ST	METAL TILE EDGING TRIM	SCHLUTER SCHIENE AE150	TBD	TOILET ROOMS

GENERAL FINISH NOTES

1. ALL CARPET AND FLOOR TILES SHALL USE LOW VOC ADHESIVE TO MEET SCAQMD RULE# 1168, REMOVABLE ADHESIVE INSTALLATION U.O.N. SEE MANUF'S SPECS.
2. ALL VINYL & RUBBER BASE TO BE CONTINUOUS ROLL U.O.N. W/ COVE WHERE THERE IS HARD FLOORING & VINYL AND STRAIGHT WHERE THERE IS CARPET U.O.N.
3. ALL WALLS SHALL RECEIVE 1 COAT BENJAMIN MOORE LATEX PRIMER SEALER 231 (VOC 0g/liter) OR APPROVED EQUIVALENT & 2 COATS FINISH PAINT. VOC LEVEL SHALL MEET SCAQMD RULE #1113 FOR PRIMER AND GREEN SEAL STANDARD FOR FLAT/NON-FLAT, TOP COAT PAINT.
4. PORCELAIN AND CERAMIC TILE GROUTING SHALL BE MAPEI, COLOR: TBD (OR APPROVED EQUIVALENT). ARCHITECT SHALL SELECT GROUT COLOR FOR EACH MATERIAL WHERE REQUIRED.
5. REFER TO DOOR SCHEDULE FOR SPECIFIED TRANSITIONS.
6. REFER TO CONSTRUCTION DRAWINGS & DETAILS FOR EXACT LOCATIONS OF ALL TRIMS, BASE, MOULDINGS, ETC.
7. REFER TO REFLECTED CEILING PLANS FOR ALL SOFFIT AND GYPSUM BOARD CEILING LOCATIONS.
8. ALL INTERIOR MAPLE WOOD MILLWORK SHALL BE VENEER STAINED TO MATCH ARCHITECT'S SAMPLE U.O.N.
9. ALL NEW INTERIOR DOORS TO HAVE HOLLOW METAL FRAME.
10. ALL NEW WOOD DOOR CASINGS TO BE PAINTED IN BENJAMIN MOORE INTERIOR LATEX SEMI-GLOSS.
11. FOR ALL NEW AND EXISTING H.M. DOOR FRAMES, USE BENJAMIN MOORE ACRYLIC DTM (DIRECT TO METAL) P29 (OR APPROVED EQUIVALENT).
12. FOR METAL STAIR RISERS, STRINGERS, MESH, POSTS, AND RAILINGS, USE BENJAMIN MOORE ACRYLIC DTM (DIRECT TO METAL) P29 (OR APPROVED EQUIVALENT) (3 COLORS - TBD.) FOLLOW MFR'S RECOMMENDATION FOR INTERMEDIATE COAT AND NUMBER OF COATS. REFER TO DRAWINGS AND SCHEDULES FOR ALL LOCATIONS OF METAL STAIR RISERS, STRINGERS, MESH, POSTS, AND RAILINGS TO BE PAINTED.
13. ALL NEW EXPOSED METAL TO BE PAINTED BENJAMIN MOORE, COLOR TBD (U.O.N.).
14. PROVIDE MOCK-UP FOR ALL PAINT COLORS.
15. FOR ALL EXISTING AREAS WHERE FLOORS, WALLS, AND/OR CEILINGS ARE DISTURBED DURING CONSTRUCTION AND RENOVATION, PATCH AND MATCH UNLESS OTHERWISE NOTED IN NEW MATERIALS.
16. ALL MATERIALS NOTED AS "ETR" (EXISTING TO REMAIN) TO BE REPAIRED AND REFURBISHED AS NECESSARY. PROTECT MATERIALS NOTED AS "ETR" FROM DAMAGE DURING CONSTRUCTION.
17. ALL FINISHES TO COMPLY WITH 2015 IBC TABLE 803.11.

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	ISSUED FOR BID

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Architect
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Architects · Landscape Architects, LLP
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Phone: (914) 478-3677 · Fax: (914) 478-1600

Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

FINISH SCHEDULE

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	A-950
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

PROJECT NAME: CAMP KAUFMAN GIRL SCOUTS

PROJECT ENGINEER: DOMINICK R.PILLA ASSOCIATES PC

PROJECT ADDRESS: 81 CAMP ROAD, HOLMES, NY 12531

ISSUED: FOR REVIEW

STRUCTURAL PLANS

DATE: 06/13/2022

INDEX OF DRAWINGS			
PAGE #	DWG #	REVISION #	DRAWING TITLE
1	S-001	00	TITLE SHEET
2	S-002	00	GENERAL NOTES (1)
3	S-003	00	GENERAL NOTES (2)
4	S-100	00	FOUNDATION AND FIRST FLOOR FRAMING PLAN
5	S-101	00	MEZZANINE AND LOW ROOF FRAMING PLAN
6	S-102	00	ROOF FRAMING PLAN
7	S-200	00	CONCRETE DETAILS
8	S-201	00	ELEVATION A
9	S-202	00	ELEVATION B
10	S-203	00	ELEVATION C
11	S-204	00	ELEVATION D
12	S-205	00	ELEVATION E
13	S-300	00	SECTIONS AND DETAILS (1)
14	S-301	00	SECTIONS AND DETAILS (2)

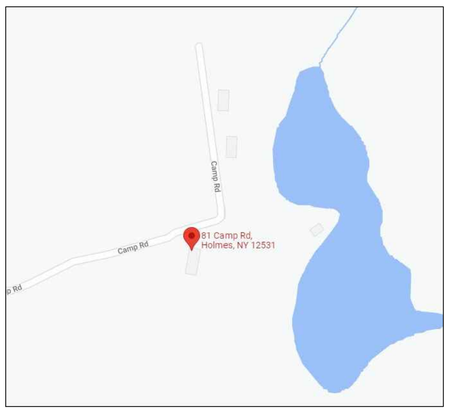
PROPERTY INFORMATION:

ADDRESS: 81 CAMP ROAD, HOLMES, NY 12531

SCOPE OF WORK:

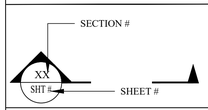
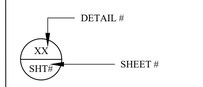
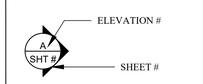
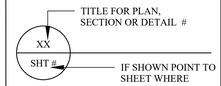
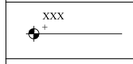
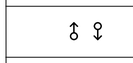
FOUDNATION AND STRUCTURAL FRAMING NEW FACILITY AT CAMP KAUFMAN GIRL SCOUTS OF GREATER NEW YORK.

GRAVITY DESIGN LOADS			
FLOOR	DL(PSF)	LL(PSF)	FLAT SNOW(PSF)
FIRST FLOOR	-	100	-
MEZZANINE	20	100	-
ROOF	22	20	21



A
-
VICINITY MAP
NOT TO SCALE

SYMBOL LEGEND

	SECTION SYMBOL
	DETAIL REFERENCE SYMBOL
	ELEVATION REFERENCE SYMBOL
	PLAN, SECTION, OR DETAIL TITLE SYMBOL
	ELEVATION SYMBOL
	BEAM MOMENT CONNECTION
	POST UP/POST DOWN
LT-#	PRECAST LINTEL
GB-#	CONCRETE GRADE BEAM
F-#.#	FOOTING NUMBER
MW-#	MASONRY WALL NUMBER
CB-#	CONCRETE BEAM
CP-#	CONCRETE PIER
CW-#	CONCRETE WALL NUMBER

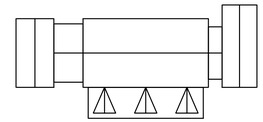
ABBREVIATION

AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
B	BOTTOM REINFORCEMENT
BM	BEAM
BOF	BOTTOM OF FOOTING
BOW	BOTTOM OF WALL
BS	BOTH SIDES
BU	BUILT UP MEMBER
BW	BEARING WALL
C	COMPRESSION FORCE IN KIPS
CANT.	CANTILEVER
CL	CENTER LINE
CG	CENTER OF GRAVITY
COL	COLUMN
CONT	CONTINUOUS
COMP LAP	COMPRESSION REINF LAP SLICE
CP	COMPLETE PENETRATION WELD
DB	DEVELOPMENT LENGTH OF REINFORCEMENT BAR
DEL	DELTA OR CHANGE IN ELEVATION
(E)	EXISTING CONSTRUCTION
EF	EACH FACE
EL	ELEVATION
EW	EACH WAY
F	FINISHED SURFACE
GB	GRADE BEAM
H	HORIZONTAL REINFORCEMENT
H	HORIZONTAL FORCE IN KIPS
J1,J2	NEW CODE FORMED STEEL JOISTS
LAP	FULL TENSION CAPACITY LAP SPLICE
LD	TENSION DEVELOPMENT LENGTH FOR REINFORCING BARS
LDC	COMPRESSION SPLICE LENGTH FOR REINFORCEMENT BARS
LLBB	LONG LEGS BACK-TO-BACK
LW	LIGHTWEIGHT CONCRETE
M	BENDING MOMENT IN FOOT-KIPS
MC	MOMENT CONNECTION SHOWN ON DRAWING
MIN	MINIMUM
(N)	NEW CONSTRUCTION
N	BEARING BOLTS THREADS INCLUDED IN SHEAR PLANE
NTS	NOT TO SCALE
OC	ON CENTER
PC	PILE CAP
PL	PLATE
PP	PARTIAL PENETRATION WELD
PL	PROPERTY LINE
SAD	SEE ARCHITECTURAL DRAWINGS/DETAILS
S1,S2	SLAB ON DECK TYPE
SC	SLIP CRITICAL BOLT
SIM	SIMILAR
SPW	SOLDIER PILE LAGGING WALL
SW	SHEAR WALL
T	TENSION FORCE IN KIPS
T	THICKNESS
T	TOP REINFORCEMENT
TBC	TO BE CONFIRMED
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO,UON	UNLESS OTHERWISE NOTED
M	MOMENT
V	VERTICAL BEAM END REACTION IN KIPS
VIF	VERIFY IN FIELD
WP	WORKPOINT
WWF	WELDED WIRE FABRIC

SPECIAL INSPECTIONS		
•	STRUCTURAL STEEL	BC 1705.2.1
•	COLD-FORMED STEEL DECK	BC 1705.2.2
	OPEN -WEB STEEL JOISTS AND JOIST GIRDERS	BC 1705.2.3
	COLD-FORMED STEEL TRUSSES SPANNING 60 FEET OR GREATER	BC 1705.2.4
•	CONCRETE CONSTRUCTION	BC 1705.3
	MASONRY CONSTRUCTION	BC 1705.4
	WOOD CONSTRUCTION - HIGH LOAD DIAPHRAGMS	BC 1705.5.1
	WOOD CONSTRUCTION - METAL-PLATE-CONNECTED TRUSSES	BC 1705.5.2
•	SOILS	BC 1705.6
	DEEP DRIVEN FOUNDATIONS	BC 1705.7
	CAST-IN-PLACE DEEP FOUNDATIONS	BC 1705.8
	HELICAL PILE FOUNDATIONS	BC 1705.9
	FABRICATED ITEMS	BC 1705.10
	WIND RESISTANCE	BC 1705.11
	SEISMIC RESISTANCE	BC 1705.12
	TESTING FOR SEISMIC RESISTANCE	BC 1705.13

REQUIRED SUBMITTALS	
•	CONCRETE STEEL REINFORCING
•	STEEL DECKING LAYOUT
•	STRUCTURAL STEEL
•	STEEL STAIRS
	CONCRETE STAIRS
•	STRUCTURAL COLD FORM STEEL
	PRECAST CONCRETE
•	CONCRETE DESIGN MIX
•	ANCHOR ROD LAYOUT
	COMPOSITE DRAWINGS OF ALL SLAB PENETRATIONS
	CONCRETE MASONRY
	CURTAIN WALLS
•	COLD FORMED STEEL FRAMING
•	COLD FORMED STEEL TRUSSES
•	STEEL CONNECTIONS
•	CONSTRUCTION JOINT LAYOUT
•	TIMBER FRAMING

KEY PLAN



N.T.S.

No.	Date	Revision
3.	06/24/2022	ISSUED FOR BID
2.	04/04/2022	ISSUED FOR DESIGN DEVELOPMENT COST ESTIMATE
1.	06/21/2021	ISSUED FOR SCHEMATIC DESIGN COST ESTIMATE

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

TITLE SHEET

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:

S-001.00

CADD FILE No:

W:\2005 Girl Scouts of Greater NY

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GENERAL NOTES

UNLESS OTHERWISE NOTED OR SHOWN ON THE STRUCTURAL DRAWINGS, THE FOLLOWING REQUIREMENTS, TOGETHER WITH THE PROJECT PLANS, SPECIFICATIONS AND GEOTECHNICAL REPORT APPLY TO THE STRUCTURES IN THIS CONTRACT.

1. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
2. THE STRUCTURAL DOCUMENTS SHALL BE USED IN CONJUNCTION WITH AND COORDINATED WITH THE ARCHITECTURAL, CIVIL AND MEP CONTRACT DOCUMENTS AS WELL AS ANY OTHER TRADES. IF A CONFLICT EXISTS, CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AND OBTAIN CLARIFICATION PRIOR TO BIDDING AND PROCEEDING WITH WORK
3. THE GENERAL CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, ELEVATIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS; USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES IN WRITING TO THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.
5. OPENINGS SHOWN ON STRUCTURAL DRAWINGS ARE ONLY PICTORIAL. SEE THE ARCHITECTURAL AND M.E.P. DRAWINGS FOR THE SIZE AND LOCATION OF OPENINGS IN THE STRUCTURE.
6. CONTRACTORS WHO DISCOVER DISCREPANCIES, OMISSIONS OR VARIATIONS IN THE CONTRACT DOCUMENTS DURING BIDDING SHALL IMMEDIATELY NOTIFY THE ARCHITECT. THE ARCHITECT WILL RESOLVE THE CONDITION AND ISSUE A WRITTEN CLARIFICATION.
7. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.
8. SEE PROJECT SPECIFICATIONS FOR TESTING. SEE THE STRUCTURAL SPECIAL INSPECTION NOTES FOR INSPECTION REQUIREMENTS.
9. DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT.
10. THE STRUCTURE IS DESIGNED TO BE STRUCTURALLY SOUND WHEN COMPLETED. PRIOR TO COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR STABILITY AND TEMPORARY BRACING, INCLUDING, BUT NOT LIMITED TO, MASONRY WALLS. THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOAD IS APPLIED. WHENEVER THE CONTRACTOR IS UNSURE OF THESE REQUIREMENTS, THE CONTRACTOR SHALL RETAIN A NEW YORK STATE LICENSED ENGINEER TO DESIGN AND INSPECT THE TEMPORARY BRACING AND STABILITY OF THE STRUCTURE.

CODES AND SPECIFICATIONS

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED ON THE FOLLOWING CODES, SPECIFICATIONS AND STANDARDS:

1. ASCE 7-10: "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."
   AWS D1.1: "STRUCTURAL WELDING CODE," 2014
   "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," ACI 318-2014.
   "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301-1999.
   "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES," ACI 530-2016.
   "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS," AISC 360-16,
   "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," AISC 303-16,
   "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS," AISC-341-16,
   "STANDARD FOR COMPOSITE STEEL FLOOR DECK-SLAB," SDI, 2011.
   " NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION," AWC NDS 2018.
   ASCE 37-14: "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."
2. "BUILDING CODE OF NEW YORK STATE," 2020.

DESIGN CRITERIA

1. SEE GRAVITY LOADS (DEAD LOADS AND LIVE LOADS) ON S-001.
2. DESIGN SNOW LOAD

FLAT ROOF SNOW LOAD	P_f =	30 PSF	
GROUND SNOW LOAD	P_g =	21 PSF	
SNOW EXPOSURE FACTOR	C_e =	1.0	
SNOW LOAD IMPORTANCE FACTOR	I_s =	1.0	
THERMAL FACTOR	C_t =	1.0	

SNOW DRIFTING PER CODE

3. DESIGN WIND LOADS

BASIC WIND SPEED	V =	114 MPH	
RISK CATEGORY		II	
WIND IMPORTANCE FACTOR	I =	1	
DIRECTIONALITY FACTOR	K_D =	0.85	
EXPOSURE - MWFRS		B	
INTERNAL PRESSURE COEFFICIENT	GC_{pi} =	±0.18	
MEAN ROOF HEIGHT	H =	38 FT	
WIND RESISTING FRAME PRESSURE	P =	20 PSF	
COMPONENTS AND CLADDING			
EXPOSURE		B	
DESIGN PRESSURE	P =	22 PSF	
AT THE CORNERS	P =	26 PSF	

4. DESIGN SEISMIC LOADS

RISK CATEGORY		II
SEISMIC IMPORTANCE FACTOR	I =	1
SPECTRAL RESPONSE ACCELERATION	S_{DS} =	0.22
SPECTRAL RESPONSE ACCELERATION	S_{D1} =	0.056
SITE CLASS		D
SHORT PERIOD SITE COEFFICIENT	F_a =	1.6
LONG PERIOD SITE COEFFICIENT	F_v =	2.4
SPECTRAL RESPONSE COEFFICIENT	S_{MS} =	0.235
SPECTRAL RESPONSE COEFFICIENT	S_{D1} =	0.09
SEISMIC DESIGN CATEGORY		B

BASIC SEISMIC-FORCE-RESISTING SYSTEM:
LIGHT-FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE

DESIGN BASE SHEAR	V =	XX KIPS
SEISMIC RESPONSE COEFFICIENT	C_S =	0.035
RESPONSE MODIFICATION FACTOR	R =	6.5
OVERSTRENGTH FACTOR	Ω_0 =	3
DEFLECTION AMPLIFICATION FACTOR	C_D =	4

ANALYSIS PROCEDURE USED: EQULIVALENT LATERAL FORCE PROCEDURE

SHOP DRAWINGS AND OTHER SUBMITTALS

1. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.
2. SUBMIT SPECIFIC COMPONENTS, SUCH AS COLUMNS, FOOTINGS, ETC., IN A SINGLE PACKAGE. SUBMIT SIMILAR FLOORS TOGETHER.
3. ON FIRST SUBMITTAL, CLEARLY FLAG AND CLOUD ALL DIFFERENCES FROM THE CONTRACT DOCUMENTS. ON RE-SUBMITTALS, FLAG AND CLOUD ALL CHANGES AND ADDITIONS TO PREVIOUS SUBMITTAL. ONLY CLOUDED ITEMS WILL BE REVIEWED.
4. SUBMITTALS FOR SPECIAL STRUCTURAL, LOAD-CARRYING ITEMS THAT ARE REQUIRED BY CODES OR STANDARDS TO RESIST FORCES MUST BE PREPARED BY, OR UNDER THE DIRECT SUPERVISION OF, A DELEGATED ENGINEER. EXAMPLES INCLUDE STRUCTURAL STEEL CONNECTIONS, STRUCTURAL LIGHT GAGE STEEL FRAMING, AND EXTERIOR ENCLOSURE SYSTEMS.
5. A DELEGATED ENGINEER IS DEFINED AS A NEW YORK STATE LICENSED ENGINEER WHO SPECIALIZES IN AND UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT AND IS AN EMPLOYEE OR OFFICER OF, OR CONSULTANT TO, THE CONTRACTOR OR FABRICATOR RESPONSIBLE FOR THE SUBMITTAL. THE DELEGATED ENGINEER SHALL SIGN, SEAL AND DATE THE SUBMITTAL, INCLUDING CALCULATIONS AND DRAWINGS. SEE SPECIFICATIONS FOR MORE SPECIFIC CRITERIA.
6. THE TRADE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOB SITES, FOR TOLERANCES, CLEARANCES, QUANTITIES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
7. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND APPROVE SUBMITTALS AND SHALL SIGN AND DATE EACH DRAWING PRIOR TO SUBMITTING TO THE ARCHITECT. THIS APPROVAL IS TO CONFIRM THAT THE SUBMITTAL IS COMPLETE, COMPLIES WITH THE SUBMITTAL REQUIREMENTS AND IS COORDINATED WITH FIELD DIMENSIONS, OTHER TRADES, ERECTION SEQUENCING AND CONSTRUCTABILITY.
8. THE STRUCTURAL ENGINEER REVIEWS SUBMITTALS TO CONFIRM THAT THE SUBMITTAL IS IN GENERAL CONFORMANCE WITH THE DESIGN CONCEPT PRESENTED IN THE CONTRACT DOCUMENTS. QUANTITIES AND DIMENSIONS ARE NOT CHECKED. NOTATIONS ON SUBMITTALS DO NOT AUTHORIZE CHANGES TO THE CONTRACT SUM. CHECKING OF THE SUBMITTAL BY THE STRUCTURAL ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE CONTRACT DOCUMENTS AND FROM ERRORS OR OMISSIONS IN THE SUBMITTAL.
9. IN ADDITION TO THE ABOVE, THE STRUCTURAL ENGINEER'S REVIEW OF DELEGATED ENGINEER SUBMITTALS IS LIMITED TO VERIFYING THAT THE SPECIFIED STRUCTURAL SUBMITTAL HAS BEEN FURNISHED, SIGNED AND SEALED BY THE DELEGATED ENGINEER AND THAT THE DELEGATED ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAILED CHECK OF CALCULATIONS WILL BE MADE. THE DELEGATED ENGINEER IS SOLELY RESPONSIBLE FOR HIS/HER DESIGN, INCLUDING BUT NOT LIMITED TO THE ACCURACY OF HIS/HER CALCULATIONS AND COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.
10. CAD FILES OF STRUCTURAL DRAWINGS MAY BE USED AS AN AID IN PREPARING SHOP DRAWINGS ONLY UPON THE CONTRACTOR SIGNING AN AGREEMENT. WHEN CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE MADE AVAILABLE, IT IS UNDER THE FOLLOWING CONDITIONS:
    a. ALL INFORMATION CONTAINED IN THE CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE INSTRUMENTS OF SERVICE OF THE ARCHITECT/ENGINEER AND SHALL NOT BE USED FOR OTHER PROJECTS, ADDITIONS TO THE PROJECT OR THE COMPLETION OF THE PROJECT BY OTHERS. CAD FILES AND COPIES OF THE STRUCTURAL DRAWINGS REMAIN THE PROPERTY OF DOMINICK R. PILLA ASSOCIATES AND IN NO CASE SHALL THEIR TRANSFER BE CONSIDERED A SALE.
    b. CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE NOT CONTRACT DOCUMENTS. IN THE EVENT OF A CONFLICT, THE STRUCTURAL DRAWINGS SHALL GOVERN.
    c. THE USE OF CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR PROPER CHECKING AND COORDINATION OF DIMENSIONS, DETAILS, SIZES AND QUANTITIES OF MATERIALS AS REQUIRED FOR THE PREPARATION OF COMPLETE AND ACCURATE SHOP DRAWINGS.
    d. THE CONTRACTOR SHALL REVISE ALL REFERENCES TO CONTRACT DOCUMENT SHEET NUMBERS AND SECTION MARKS AND SHALL REMOVE INFORMATION THAT IS NOT REQUIRED FOR THEIR WORK FROM THE CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS, INCLUDING THE TITLE BLOCK; AND
    e. DIMENSIONS IN THE CAD FILES MAY NOT BE PRECISE AND, IN SOME CASES, HAVE BEEN INTENTIONALLY ALTERED FOR PRESENTATION PURPOSES. DO NOT SCALE DIMENSIONS ELECTRONICALLY OR OTHERWISE.

SUBMITTALS REQUIRED:

1. THE FOLLOWING ITEMS REQUIRE SUBMITTAL OF SHOP AND ERECTION DRAWINGS:
    a. REINFORCING STEEL.
    b. STEEL DECKING AND STUD LAYOUT.
    c. STRUCTURAL STEEL.
    d. STEEL STAIRS.
    e. ANCHOR ROD LAYOUT.
    f. COMPOSITE DRAWINGS OF ALL SLAB PENETRATIONS.
2. THE FOLLOWING ITEMS REQUIRE SUBMITTAL OF SHOP AND ERECTION DRAWINGS AND STRUCTURAL CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK:
    a. CONCRETE DESIGN MIX.
    b. STRUCTURAL STEEL CONNECTIONS.
    c. COLD FORMED STEEL FRAMING

SHALLOW FOUNDATIONS

1. FOUNDATION DESIGN IS BASED ON THE "GEOTECHNICAL ENGINEERING REPORT," PREPARED BY CARLIN SIMPSON & ASSOCIATES OF SAYREVILLE, NJ AND DATED MARCH 22, 2022 SEE THAT REPORT FOR ADDITIONAL REQUIREMENTS.
2. FOUNDATIONS PLACED ON UNDISTURBED SOIL OR NEW STRUCTURAL FILL AT ELEVATIONS INDICATED ARE DESIGNED FOR AN ALLOWABLE NET SOIL BEARING PRESSURE OF 3,000 PSF.
3. PROVIDED A MINIMUM OF 18" OF STRUCTURAL FILL BETWEEN ROCK AND BOTTOM OF FOOTING WHEN ROCK IS ENCOUNTERED. SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHERE BOTTOM OF FOOTING ELEVATION IS CHANGED AND OBTAIN REVISED DESIGN OF THE FOUNDATION AND RETAINING WALLS AS REQUIRED.
5. ALL FILL REQUIRED BELOW ANY PORTION OF THE STRUCTURE SHALL BE COMPACTED IN 9" LIFTS TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. REMOVE UNSUITABLE FILL AND REPLACE WITH CONTROLLED FILL AS REQUIRED FOR SOUND PLACEMENT OF FOUNDATIONS.
6. SOIL - SUPPORTED FOOTING SHALL BE FOUNDED UPON UNDISTURBED NATURAL SUBGRADE (OR CONTROLLED COMPACTED FILL) WITH A MINIMUM BEARING CAPACITY AS NOTED AND AS FIELD VERIFIED AND APPROVED BY A REGISTERED SOIL ENGINEER. THE BOTTOM OF THE FOOTING ELEVATIONS AND BEARING CAPACITIES AS SHOWN ON THE DRAWINGS ARE ESTIMATED AND WILL REQUIRE VERIFICATION. FINAL, EXACT ELEVATIONS AND BEARING CAPACITIES SHALL BE FIELD DETERMINED.
7. WHEN NECESSARY, FOOTINGS STEPS SHALL BE CONSTRUCTED AT MAXIMUM SLOPE OF ONE VERTICAL TO TWO HORIZONTALS.
8. CENTER ALL FOOTINGS UNDER THEIR RESPECTIVE COLUMNS OR WALLS, U.O.N.

EXCAVATION, BACKFILL AND DEWATERING

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS. DO NOT EXCAVATE WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOUNDATION UNLESS THE FOUNDATION IS PROPERLY PROTECTED AGAINST SETTLEMENT.
2. DO NOT BACKFILL AGAINST WALLS UNTIL 7 DAYS AFTER THE WALLS ARE BRACED BY THE STRUCTURE OR ARE TEMPORARILY BRACED. DO NOT BACKFILL CANTILEVERED RETAINING WALLS UNTIL CONCRETE IS 7 DAYS OLD. DO NOT BACKFILL UNTIL AFTER COMPLETION AND INSPECTION OF ANY WATERPROOFING.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER IN A MANNER THAT DOES NOT INCONVENIENCE OR DAMAGE THE WORK.

SLABS ON GRADE

1. FOR INTERIOR SLABS, PLACE 15 MIL POLYETHYLENE SHEETING BETWEEN SOIL AND BOTTOM OF SLAB. DO NOT USE ANY SHEETING BELOW EXTERIOR CONCRETE SLABS.
2. SLABS-ON-GRADE SHALL BE 5" THICK FIBER REINFORCED CONCRETE SLAB. (PROVIDE 3 LBS PER CU. FT. OF MACRO SYNTHETIC FIBER.) SHALL BE FINISHED IN ACCORDANCE WITH ACI STANDARD 302.1R FOR CLASS 2 FLOORS. TYPE II OR I/II CEMENT AND 3/4" COARSE AGGREGATE (SIZE NO. 57) SHALL BE USED.
3. SUBGRADE SOILS BELOW SLAB SHALL BE PROOF ROLLED AND CERTIFIED BY A SOILS ENGINEER AS ACCEPTABLE BEFORE PLACEMENT OF GRAVEL OR CONCRETE.
3. PROVIDE CONTROL JOINTS SPACING OF 36 TIMES THE SLAB THICKNESS MAXIMUM.
4. FOLLOW RECOMMENDATIONS OF ACI 302.1R.
5. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FT. O.C. MAXIMUM SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FT. OR LESS.
6. SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

CONCRETE MASONRY (CMU)

1. ALL CONCRETE MASONRY UNITS SHALL BE HOLLOW LOAD BEARING UNITS CONFORMING TO ASTM C90 (8"X16" NOMINAL SIZE) WITH MINIMUM COMPRESSIVE STRENGTH OF UNITS = 1,900 PSI ON NET AREA, WITH ASSUMED DESIGN COMPRESSIVE STRENGTH OF F'm = 1,500 PSI. UNITS MAY BE FABRICATED EITHER WITH NORMAL WEIGHT AGGREGATE (C33) OR LIGHTWEIGHT AGGREGATE (C331).
2. ALL UNITS SHALL BE PLACED IN RUNNING BOND.
3. USE TYPE S MORTAR, EXCEPT USE TYPE M MORTAR BELOW GRADE. MORTAR SHALL CONFORM TO ASTM C270. WEBS ARE TO BE FULLY MORTARED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS, IN THE STARTING COURSE, AND WHERE AN ADJACENT CELL IS TO BE GROUTED. REMOVE MORTAR PROTRUSIONS EXTENDING 1/2" OR MORE INTO CELLS TO BE GROUTED.
4. USE TRUSS TYPE, 9 GAUGE ASTM A82 HOT DIP GALVANIZED WIRE HORIZONTAL JOINT REINFORCING IN EVERY OTHER COURSE AND AT THE FIRST AND SECOND BED JOINTS ABOVE AND BELOW WALL OPENINGS. USE PREFABRICATED CORNERS AND TEES.
5. USE FINE GROUT CONFORMING TO ASTM C476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI MINIMUM IN 28 DAYS. AGGREGATE TO CONFORM TO ASTM C404 FOR FINE GROUT, WITH SLUMP OF 8" TO 11". GROUT ALL MASONRY CONTAINING REINFORCING, ALL CELLS OF 4 HOUR RATED WALLS, AND WHERE INDICATED ON THE DRAWINGS. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUTING. PROVIDE CLEANOUT OPENINGS AT THE BASE OF CELLS CONTAINING REINFORCING STEEL TO CLEAN THE CELL AND TO TIE THE VERTICAL BAR TO THE DOWEL. IN HIGH-LIFT GROUTING, USE MAXIMUM 5'-0" LIFTS WITH 1/2 HOUR TO 1 HOUR BETWEEN LIFTS.
6. THE USE OF MASONRY CEMENT IS PROHIBITED. NO AIR-ENTRAINING ADMIXTURES OR ANTIFREEZE COMPOUNDS, SUCH AS CALCIUM CHLORIDE, SHALL BE ADDED TO THE MORTAR.
7. ALL WALLS AND PILASTERS SUPPORTING STEEL, SHALL BE GROUTED SOLID FOR FOUR COURSES IN DEPTH FOR A WIDTH OF 32".
8. WHERE ANCHOR BOLTS, WEDGE ANCHORS OR ANCHORS SET IN EPOXY ARE SET IN A MASONRY WALL, FILL CELLS WITH GROUT FOR BOLTED COURSE, ONE COURSE ABOVE AND TWO COURSES BELOW.
9. USE ASTM A615 GRADE 60 REINFORCING STEEL.
10. DO NOT BACKFILL AGAINST FOUNDATION WALL UNTIL MORTAR HAS ATTAINED MAXIMUM STRENGTH.
11. PROVIDE TEMPORARY BRACING WHERE BACKFILL IS PLACED AGAINST FOUNDATION WALL BEFORE FLOOR CONSTRUCTION IS IN PLACE.
12. PLACE VERTICAL CONTROL JOINTS SUCH THAT THE JOINT SPACING DIVIDED BY WALL HEIGHT DOES NOT EXCEED 3.0 OR 30 FEET. REINFORCEMENT SHALL BE DISCONTINUED AT JOINTS.
    PROVIDE VERTICAL JOINTS AT:
    CHANGES IN WALL HEIGHT OR THICKNESS.
    CONSTRUCTION JOINTS IN ROOF AND FLOORS.
    RETURN ANGLES IN "L", "T" AND "U" SHAPED STRUCTURES.
    ABUTMENT OF WALL AND COLUMNS.
    ONE OR BOTH SIDES OF WALL OPENINGS.
13. ALL MASONRY WALLS SHALL BE ADEQUATELY BRACED DURING CONSTRUCTION TO RESIST WIND LOADS OF 25 PSF.

LINTELS (EXCEPT OTHERWISE NOTED ON PLANS)

1. STEEL LINTELS SHALL HAVE A MINIMUM OF 4 INCH BEARING. PRECAST AND CMU LINTELS SHALL HAVE A MINIMUM OF 8 INCH BEARING.
2. FOR MASONRY OPENINGS 4'-0" OR LESS, USE (1) L 3-1/2 X 3-1/2 X 5/16 FOR EACH 4" OF WALL THICKNESS OR PRECAST/CMU LINTEL 8" DEEP WITH (1) - #3 BAR TOP AND BOTTOM FOR EACH 4" OR 5", fc' = 3000 PSI.
3. FOR MASONRY OPENINGS 4'-0" TO 6'-0", USE (1) L 5 X 3-1/2 X 5/16 FOR EACH 4" OF WALL THICKNESS OR PRECAST/CMU LINTEL 8" DEEP WITH (1) - #4 BAR TOP AND BOTTOM FOR EACH 4" OR 5", fc' = 3,000 PSI.
4. FOR MASONRY OPENINGS 6'-0" TO 8'-0", USE (1) L 6 X 3-1/2 X 5/16 FOR EACH 4" OF WALL THICKNESS OR PRECAST/CMU LINTEL 8" DEEP WITH (1) - #5 BAR TOP AND BOTTOM FOR EACH 4" OR 5", fc' = 3,000 PSI. MASONRY OPENING LARGER THAN 6'-0" MAY REQUIRE FIREPROOFING.

REINFORCED CONCRETE

5. COMPLY WITH ACI 301 AND 318.
3. ALL CAST-IN-PLACE CONCRETE SHALL BE CONTROLLED CONCRETE AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (Fc) AT 28 DAYS AS FOLLOWS:

FOOTINGS	4,500 PSI
POURED WALLS	4,500 PSI
SLABS-ON-GRADE	4,500 PSI
SLAB ON METAL DECK	4,500 PSI (LT. WT. CONC.)

4. USE NORMAL WEIGHT CONCRETE FOR ALL STRUCTURAL MEMBERS. U.O.N.
5. CONCRETE REINFORCEMENT SHALL BE ASTM A615, GRADE 60 DEFORMED REINFORCING STEEL. LAP BOTTOM STEEL OVER SUPPORTS AND TOP STEEL AT MIDSPAN (U.O.N.). HOOK DISCONTINUOUS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS, U.O.N.
6. WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRONICALLY WELDED WIRE REINFORCEMENT (WWF) CONFORMING TO ASTM A185. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICE SHALL BE ONE CROSS WIRE SPACING PLUS TWO INCHES.
7. FOLLOW ACI 117-10 "SPECIFICATION FOR TOLERANCES OF CONCRETE CONSTRUCTION AND MATERIALS" FOR REQUIRED TOLERANCES.
8. UTILITIES SHALL NOT PENETRATE BEAMS OR COLUMNS BUT MAY PASS THROUGH SLABS AND WALLS INDIVIDUALLY, UON. SEE TYPICAL DETAILS.
9. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318, SECTION 6.4. PROVIDE KEYWAYS AND ADEQUATE DOWELS. SUBMIT DRAWINGS SHOWING LOCATION OF CONSTRUCTION JOINTS AND DIRECTION OF POUR FOR REVIEW.
10. PROVIDE 3/4" CHAMFER FOR ALL EXPOSED CORNERS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL CONCRETE FINISH REQUIREMENTS.

CONCRETE FIELD TESTING:

1. TESTING: OWNER WILL ENGAGE A QUALIFIED TESTING AGENCY TO PERFORM FIELD TESTS AND PREPARE TEST REPORTS.
2. CONCRETE TESTS- TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C172 AND SECTION BC 1905.6.5 OF NYC BUILDING CODE SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
    a. TESTING FREQUENCY: OBTAIN ONE COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE LESS THAN 25 CU. YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF.
    b. WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN FIVE COMPRESSIVE STRENGTH TESTS OF EACH CONCRETE MIXTURE, TESTING SHALL BE CONDUCTED FROM AT LEAST FIVE RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN FIVE ARE USED.
    c. WATER CONTENT AND SLUMP: VERIFY WATER CONTENT IN ACCORDANCE WITH AASHTO t-318 "STANDARD METHOD OF TESTS FOR WATER CONTENT USING MICROWAVE OVEN DRYING." TEST SLUMP IN ACCORDANCE WITH ASTM C143; ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE; BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE.
    d. AIR CONTENT: ASTM C231, PRESSURE METHOD, FOR NORMAL-WEIGHT CONCRETE; ASTM C173, VOLUMETRIC METHOD, FOR LIGHTWEIGHT CONCRETE; ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE.
    e. CONCRETE TEMPERATURE: ASTM C1064; ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F AND BELOW AND WHEN 80 DEG F AND ABOVE, AND ONE TEST FOR EACH COMPOSITE SAMPLE.
    f. COMPRESSION TEST SPECIMENS: ASTM C31.
    i. CAST AND LABORATORY CURE ALL TEST CYLINDER SPECIMENS.
    ii. WHEN REQUIRED, CAST AND FIELD CURE TWO SETS OF TWO STANDARD CYLINDER SPECIMENS FOR EACH COMPOSITE SAMPLE.
    g. COMPRESSIVE-STRENGTH TESTS: ASTM C39 AND SECTION BC 1905.6.2 OF THE NYC BUILDING CODE: TEST FIRST SET OF TWO LABORATORY-CURED SPECIMENS AT 7 DAYS FOR INFORMATION, SECOND SET OF TWO LABORATORY-CURED SPECIMENS AT 28 DAYS FOR ACCEPTANCE AND THIRD SET OF TWO SPECIMENS AT 56 DAYS IF NECESSARY.
    i. TEST ONE SET OF FIELD-CURED SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS.
    ii. A COMPRESSIVE-STRENGTH TEST SHALL BE THE AVERAGE COMPRESSIVE STRENGTH FROM A SET OF TWO SPECIMENS OBTAINED FROM SAME COMPOSITE SAMPLE AND TESTED AT AGE INDICATED.

STRUCTURAL STEEL

1. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.
2. STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS, UNLESS OTHERWISE NOTED ON THE CONTRACT DOCUMENTS:
    ROLLED W SHAPES: ASTM A992, GRADE 50.
    ROLLED M, S, C, MC, AND L SHAPES: ASTM A36, FY=36 KSI.
    PLATES AND BARS: ASTM A36, FY=36 KSI, UON.
    PLATES FOR MOMENT CONNECTIONS: ASTM A572, GR. 50.
    STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B, FY=35 KSI.
    HOLLOW STRUCTURAL SECTIONS:
    ROUND SECTIONS: ASTM A500, GRADE C, FY=46 KSI
    SQUARE AND RECTANGULAR SECTIONS: ASTM A500, GRADE C, FY=50 KSI.
3. ALL STRUCTURAL STEEL CONNECTIONS BOLTS SHALL BE ASTM A325 OR ASTM A490, TYPE 1, UNLESS OTHERWISE NOTED, AND SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS," INCLUDING COMMENTARY. ALL JOINT TYPE SHALL BE 'PT' (PRETENSIONED).
4. BOLT SIZE SHALL BE 3/4" DIAMETER MINIMUM, UNLESS OTHERWISE NOTED.
5. A MINIMUM OF TWO (2) - 3/4" DIAMETER A325 BOLTS SHALL BE PROVIDED AT EACH CONNECTIONS.
6. SHOP DRAWINGS SHALL BE COORDINATED WITH STAIR DETAILS. IF HANGER RODS ARE USED, PROVIDE STIFFENER PLATE, 3/8" THICK MINIMUM, ALONGSIDE HANGER LOCATION.
7. SHEAR AND BRACING CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC FOR THE FORCES AND/OR REACTIONS SHOWN, THE FABRICATOR SHALL SUBMIT CALCULATIONS DEMONSTRATING THAT THE SELECTED SHEAR AND BRACING CONNECTIONS WILL ACHIEVE THE FORCES AND/OR REACTIONS INDICATED, OR AS REQUIRED BY THE CODES.
8. WHERE DETAILS ARE NOT GIVEN, CONNECTIONS FOR BEAMS AND GIRDERS ARE TO BE DESIGNED FOR THE GIVEN FORCES AND REACTIONS.
9. ANCHOR RODS SHALL BE ASTM F1554 GRADE 55 WITH WELDABILITY SUPPLEMENTARY REQUIREMENT S1, HOOKED OR ANCHOR RODS SHALL BE A449, TYPE 1, THREADED WITH NUTS AND WASHERS EACH END.
10. WHERE CAMBER IS INDICATED, FABRICATE BEAMS SO THAT ANY NATURAL CAMBER IS UPWARD AFTER ERECTION.
11. PROVIDE HOLES IN ALL STEEL TO PREVENT ANY ACCUMULATION OF WATER. HOLES SHALL NOT EXCEED 1" DIAMETER.
12. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.
13. DO NOT SPLICE STRUCTURAL STEEL MEMBERS EXCEPT WHERE INDICATED ON THE DRAWINGS.
14. UNLESS NOTED OTHERWISE, PROVIDE A 1/4" CAP PLATE CONTINUOUSLY WELD

REQUIRED BY APPLICABLE BUILDING CODES.

5. ALL WELDS SHALL BE VISUALLY INSPECTED. ALL GROOVE WELDS SHALL RECEIVE RADIOGRAPHIC OR ULTRASONIC TESTING. MAGNETIC PARTICLE TEST 20 PERCENT OF ALL FILLET WELDS.

6. WELDING SHALL PROGRESS IN A MANNER THAT BALANCES THE STRESSES IN THE MEMBER, IN ACCORDANCE WITH AWS.

7. FOLLOW PREHEAT REQUIREMENTS FOR BASE METAL PER AWS GUIDELINES.

METAL DECK AND SHEAR STUDS

1. DECK UNITS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH CURRENT "STANDARDS FOR COMPOSITE STEEL FLOOR DECKS -SLABS," AND "STANDARDS FOR STEEL ROOF DECKS" PUBLISHED BY THE STEEL DECK INSTITUTE.

2. ALL FLOOR DECK SECTIONS SHALL BE 3" DEEP, 18 GAGE MINIMUM, GALVANIZED COMPOSITE METAL DECK WITH A MINIMUM I = 0.993 IN4/FT, UNLESS OTHERWISE NOTED.

3. ALL ROOF DECK SHALL BE 1 1/2" TYPE 'B' WIDE RIB ROOF DECK, 20 GAGE MINIMUM, GALVANIZED DECK WITH MINIMUM I = 0.22 IN4/FT, UNLESS OTHERWISE NOTED.

4. ALL DECKS SHALL BE CONTINUOUS OVER A MINIMUM OF TWO SPANS.

5. SHEAR CONNECTORS SHALL BE HEADED STUDS CONFORMING TO AWS D1.1 CHAPTER 7 (SECTION 7.2.6 AND TABLE 7.1) TYPE B, ASTM A108, Fu = 65 KSI, SIZE AND SPACING AS SPECIFIED ON THE DRAWINGS.

6. NO ELECTRICAL OR ANY OTHER ACCESS HOLES SHALL BE ALLOWED IN THE FLOOR SLAB.

7. PROVIDE CELLULAR, FLUTED AND FORM UNITS, OPENINGS, SLEEVES, ETC. AS INDICATED ON THE STRUCTURAL, ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS.

8. PROVIDE METAL DECK REINFORCEMENT AT ALL UNFRAMED OPENINGS, SLEEVES AND COLUMN CUTOUTS AS SHOWN ON PLANS OR AS INDICATED IN THE SPECIFICATIONS.

9. ALL METAL DECK UNITS SHALL BE FASTENED TO THE STEEL FRAME BY 5/8" DIAMETER PUDDLE WELD WITH AN AVERAGE WELD SPACING OF AT LEAST 12" ON CENTER. SIDE LAPS ARE TO BE WELDED AT A MAXIMUM SPACING OF 36" ON CENTER.

10. FURNISH, INSTALL AND WELD IN POSITION, CLOSURES AND OTHER MISCELLANEOUS ITEMS AS REQUIRED TO CLOSE OPENINGS BETWEEN FLOOR UNITS AND COLUMNS, BEAMS AND GIRDERS AND AREAS WHERE DECK CHANGES SPAN DIRECTION. CLOSURE SHALL NOT BE LESS THAN 16 GAGE SHEET METAL.

11. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING LAYOUT OF DECK PANELS INCLUDING DETAILS OF SPECIAL CONDITIONS.

COLD FORMED WALL STUDS AND FLOOR JOISTS

1. EXTERIOR WALL MEMBERS SHALL BE DESIGNED USING THE FOLLOWING MINIMUM PARAMETERS:
   a. MAXIMUM ALLOWABLE DEFLECTION (HORIZONTAL) NOT TO EXCEED 1/600 OF SPAN.
   b. MAXIMUM STUD SPACING IS 16" O.C.
   c. MINIMUM STUD THICKNESS IS 18 GAUGE.

2. FLOOR JOISTS SHALL BE DESIGNED USING THE FOLLOWING MINIMUM PARAMETERS:
   a. LIVE LOAD DEFLECTION SHALL BE LESS THAN 1/480 OF SPAN.
   b. MAXIMUM TOTAL LOAD DEFLECTION SHALL BE LESS THAN 1/240 OF SPAN.
   c. MAXIMUM JOIST SPACING IS 24" O.C.
   d. MINIMUM STUD THICKNESS IS 18 GAUGE.

3. ALL BRIDGING, BRACING, BLOCKING, STRAPPING, WEB REINFORCEMENT, ETC., MUST BE IN PLACE PRIOR TO LOADING THE FLOOR.

4. SUBMIT SHOP DRAWINGS SHOWING MATERIALS, DETAILS, CONNECTIONS, BRIDGING AND OTHER ACCESSORIES REQUIRED FOR PROPER INSTALLATION. SUBMITTAL SHALL INCLUDE CALCULATIONS FOR ALL MEMBERS AND CONNECTIONS. DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT.

5. ALL STEEL STUDS SHALL BE COLD FORMED ASTM 446, GRADE D (Fy = 50 KSI). ALL STUDS SHALL BE GALVANIZED.

6. STUD SIZES CALLED FOR ON PLANS ARE BASED ON STUDS MANUFACTURED BY MARINO/WARE. STUDS BY OTHER MANUFACTURERS THAT MEET THE DESIGN PARAMETERS MAY BE USED.

LUMBER

1. WOOD CONSTRUCTION SHALL CONFORM TO AWC "NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION."

2. ALL NEW LUMBER SHALL BE VISUALLY GRADED LUMBER, DOUGLAS FIR-LARCH OR SOUTHERN PINE NO.2 OR BETTER WITH MAXIMUM MOISTURE CONTENT OF 19% AND MINIMUM E = 1,600,000 PSI.

3. ALL LUMBER SHALL BEAR VISIBLE GRADE STAMPING.

4. ALL JOIST BEARINGS ON MASONRY SHALL BE FIRECUT WITH MINIMUM BEARING OF FOUR INCHES.

5. EXCEPT AS UPGRADED ON THE DRAWINGS, ALL LUMBER SHALL BE NAILED IN ACCORDANCE WITH IBC TABLE 2304.9.1, "FASTENING SCHEDULE."

6. JOISTS SHALL BE FASTENED TO STEEL GIRDERS BY EITHER OF THE TWO ACCEPTABLE METHODS AS FOLLOWS, EXCEPT AS NOTED AT "TIMBER CONNECTORS" BELOW:

   a. A CONTINUOUS 2 X 6 NAILER PLATE SHALL BE BOLTED TO THE TOP FLANGE OF STEEL BEAM WITH 1/2" DIAMETER STAINLESS STEEL BOLTS AT 4'-0" ON CENTER ON ALTERNATE SIDES OF WEB. JOISTS SHALL BE TOENAILED TO PLATE. JOISTS FRAMING FROM OPPOSITE SIDES SHALL LAP AT LEAST SIX INCHES AND BE SPIKED TOGETHER AND BLOCKED.

   b. A CONTINUOUS 2 X 4 NAILER PLATE SHALL BE BOLTED ABOVE THE BOTTOM FLANGE OF STEEL MEMBER WITH 1/2 INCH DIAMETER BOLT AT 4'-0" ON CENTER. JOISTS SHALL BE NOTCHED ON TOP TO PROVIDE CLEARANCE OF TOP FLANGE AND PROVIDE A SPACE AT LEAST 3/4 INCH BETWEEN STEEL AND SUBFLOOR. MAXIMUM DEPTH OF NOTCH SHALL BE 1/4 THE DEPTH OF JOIST. 20 GAGE METAL TIES SHALL BE USED TO FASTEN OPPOSITE JOISTS TO ONE ANOTHER.

7. WOOD STRUCTURAL PANELS (PLYWOOD):

   a. PLYWOOD FOR SUBFLOOR (FLOOR SHEATHING) OVER SAWN LUMBER SHALL BE 5/8 INCH, C-D EXT, SPECIES GROUP 3, APA IDENTIFICATION INDEX 32/16. INDEX STAMP SHALL BE VISIBLE ON ALL SHEETS.

   b. PLYWOOD FOR SUBFLOOR (FLOOR SHEATHING) OVER WOOD TRUSSES SHALL BE 3/4 INCH, C-D EXT, SPECIES GROUP 3, APA IDENTIFICATION INDEX 40/20, GLUED TO TOP OF TRUSS AND SCREWED TO TOP FLANGE AT 12" ON CENTER.

   c. PLYWOOD USED FOR ROOF SHEATHING SHALL BE 1/2 INCH, C-D EXT, SPECIES GROUP 3, APA IDENTIFICATION INDEX 40/20.

   d. USE PLYCLIPS OR OTHER EDGES SUPPORTS FOR ROOF PLYWOOD SHEATHING.

   e. USE 2" LUMBER EDGE SUPPORT FOR FLOOR PLYWOOD SHEATHING.

   f. USE 2 X 4 BLOCKING AT HORIZONTAL EDGES FOR WALL PLYWOOD SHEATHING.

   g. PLYWOOD SHALL BE NAILED TO JOISTS WITH 8d COMMON NAILS AT 6" ON CENTER AT EXTERIOR EDGES AND 12" ON CENTER AT INTERIOR EDGES.

   h. PLYWOOD SHALL BE NAILED TO WALL STUDS WITH 8d COMMON NAILS AT 6" ON CENTER AT EXTERIOR EDGES AND 12" ON CENTER AT INTERIOR EDGES, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

   i. PLACE FACE GRAIN IN DIRECTION OF SPAN (TRANSVERSE TO JOIST OR TRUSS SPAN).

   j. LEAVE 1/16" SPACE AT ALL PANEL EDGE JOINTS.

8. TIMBER CONNECTORS:

   a. JOIST HANGERS, FRAMING ANCHORS AND RAFTER ANCHORS SHALL BE MINIMUM 18 GAGE AND PRIME GALVANIZED AS MANUFACTURED BY TECO, SIMPSON, OR APPROVED EQUAL. SPECIAL NAILS, AS SUPPLIED BY MANUFACTURER, SHALL BE USED FOR REQUIRED NAILING.

   b. METAL CROSS BRIDGING SHALL BE GALVANIZED STEEL AS MANUFACTURED BY TECO, SIMPSON, OR APPROVED EQUAL.

9. MICROLLAM® AND PARALLAM® BEAMS:

   a. MICROLLAM® AND PARALLAM® BEAMS ARE INDICATED ON THE DRAWINGS AS M.L. OR P.L. ALTERNATE MANUFACTURERS ARE ACCEPTABLE IF THEY SATISFY THE LISTED SPECIFICATIONS FOR STRENGTH AND STIFFNESS.

   b. MICROLLAM® BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

E	= 1.9 X 106 psi
Fb	= 2,600 psi
Ft	= 1,550 psi
Fc	= 750 psi
Fc, parallel	= 2,510 psi
Fv	= 285 psi

   c. PARALLAM® BEAMS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

E	= 2.0 X 106 psi
Fb	= 2,900 psi
Ft	= 2,025 psi
Fc	= 625 psi
Fc, parallel	= 2,900 psi
Fv	= 290 psi

   d. BEAMS MUST BE LATERALLY SUPPORTED AT TOP.

   e. MINIMUM BEARING LENGTH SHALL BE 1-1/2" AT ENDS, AND 3" AT INTERMEDIATE SUPPORTS.

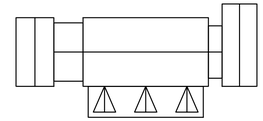
   f. MULTIPLE MEMBERS SHALL BE FASTENED TOGETHER IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

SPECIAL STRUCTURAL INSPECTIONS

1. ALL WORKS SHALL BE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF NEW YORK STATE BUILDING CODE. SPECIAL INSPECTORS SHALL MEET THE QUALIFICATIONS OUTLINED IN THE RULES OF THE STATE OF NEW YORK SECTION 105.3.

2. SEE COVER SHEET FOR REQUIRED SPECIAL INSPECTIONS.

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

GENERAL NOTES (2)

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:

S-003.00

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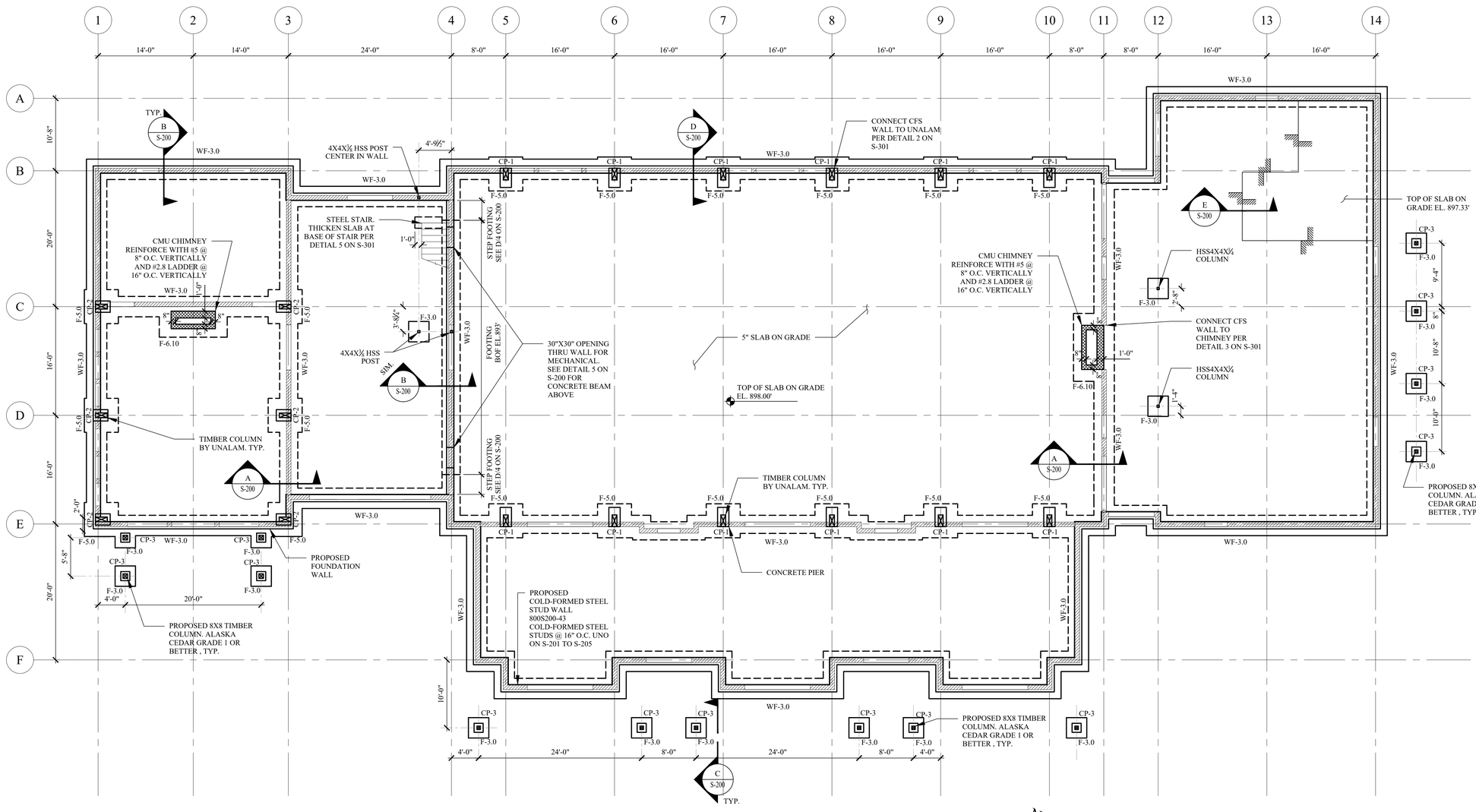


A - FOUNDATION AND FIRST FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTES:
1. SEE S-200 FOR TYPICAL CONCRETE DETAILS
2. SEE S-300 FOR TYPICAL COLD FORMED STEEL DETAILS

FOOTING SCHEDULE

FOOTING ID	SIZE			BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUP	
	WIDTH	LENGTH	HEIGHT	LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE		
WF-3.0	3'-0"	PER PLAN	1'-0"	4#5	#4 @ 12"	-	-	-	-
F-3.0	3'-0"	3'-0"	1'-0"	4#5	4#5	-	-	-	-
F-4.0	4'-0"	4'-0"	1'-4"	5#6	5#6	5#6	5#6	-	-
F-5.0	5'-0"	5'-0"	1'-4"	5#6	5#6	5#6	5#6	-	-
F-6.10	6'-0"	10'-0"	1'-0"	#5@8"	#5@8"	-	-	-	-

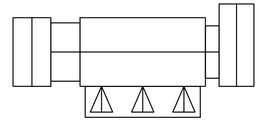
CONCRETE PIER SCHEDULE

PIER ID	SIZE		VERTICAL REINFORCEMENT	STIRRUPS
	WIDTH	DEPTH		TRANSVERSE
CP-1	1'-8"	2'-10"	12-#7	#5 @ 8" O.C.
CP-2	1'-8"	2'-2"	12-#6	#4 @ 8" O.C.
CP-3	1'-4"	1'-4"	4-#6	#4 @ 8" O.C.

LEGEND

- PROPOSED COLD FORMED STEEL STUD WALL
- PROPOSED FOUNDATION WALL
- PROPOSED TIMBER COLUMN
- PROPOSED TIMBER COLUMN BY UNALAM
- PROPOSED HSS POST

KEY PLAN



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FOUNDATION AND FIRST
FLOOR FRAMING PLAN

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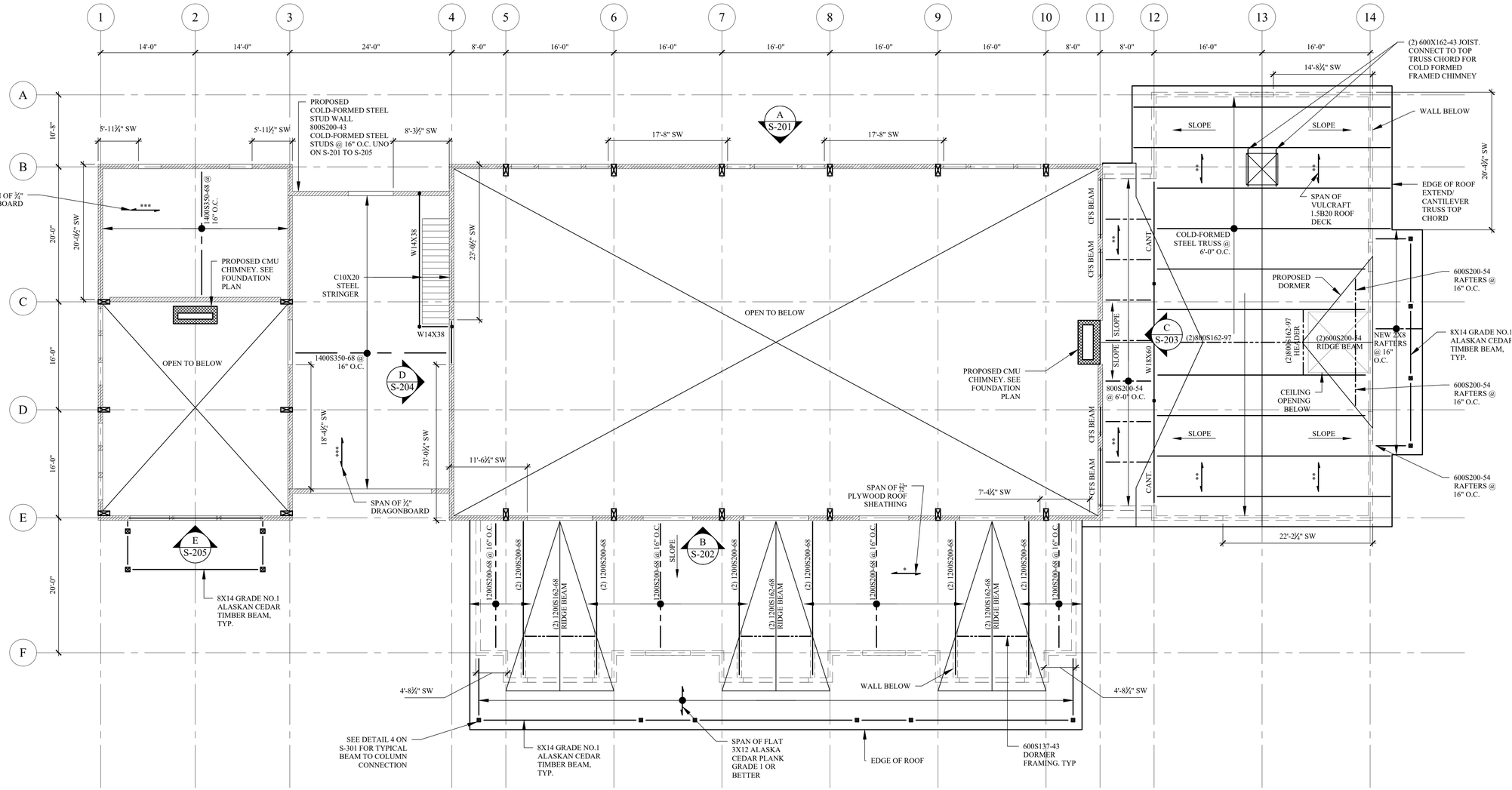
LEGEND

PROPOSED COLD FORMED STEEL STUD WALL	PROPOSED STEEL BEAM
PROPOSED TIMBER COLUMN	PROPOSED HSS POST
METAL DECK SPAN DIRECTION	PROPOSED EDGE OF LOWER ROOF
WALL BELOW	PROPOSED TIMBER COLUMN BY UNALAM
PROPOSED COLD-FORMED STEEL TRUSS	
PROPOSED JOIST	



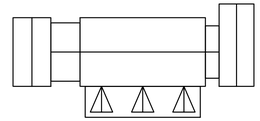
A — MEZZANINE AND LOW ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. SW DENOTES BRACED COLD FORMED SHEAR WALL, SEE DETAIL 9 ON S-300.
2. SEE S-300 FOR TYPICAL COLD FORMED STEEL DETAILS

KEY PLAN



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MEZZANINE AND LOW ROOF FRAMING PLAN

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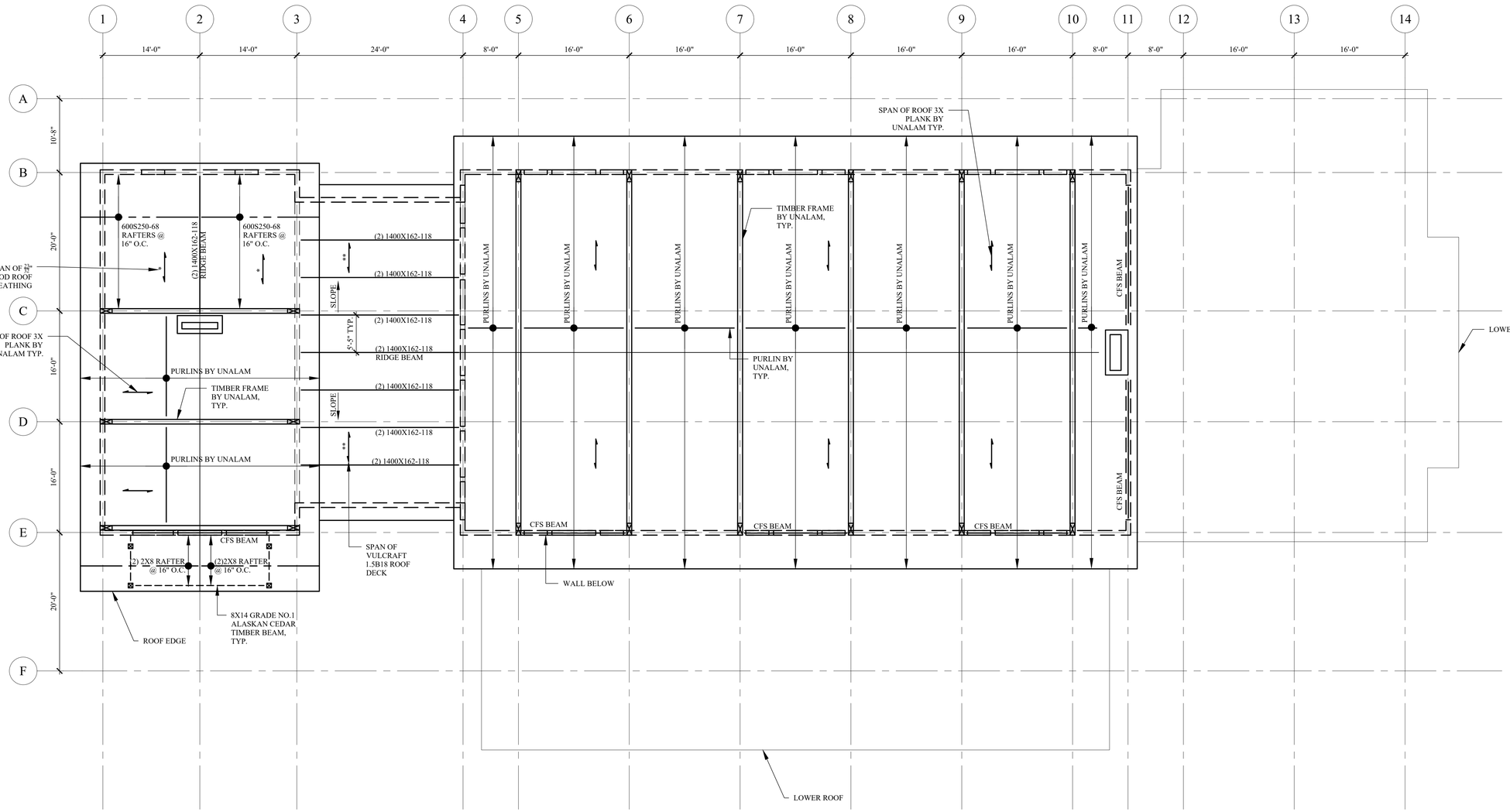


ROOF FRAMING PLAN

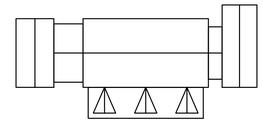
SCALE: 1/8" = 1'-0"

NOTES:
1. PROVIDE 1/2" PLYWOOD SHEATHING ABOVE 3X ROOF PLANKS. NAIL WITH 8d NAILS @ 12" O.C.
2. SEE S-300 FOR TYPICAL COLD FORMED STEEL DETAILS

LEGEND

- PROPOSED ROOF EDGE
- WALL BELOW
- PROPOSED TIMBER COLUMN BY UNALAM
- PROPOSED TIMBER FRAMES BY UNALAM
- PROPOSED EDGE OF LOWER ROOF
- PROPOSED PURLIN BY UNALAM
- PROPOSED COLD-FORMED STEEL TRUSS
- METAL DECK SPAN DIRECTION

KEY PLAN



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ROOF FRAMING PLAN

Seal & Signature

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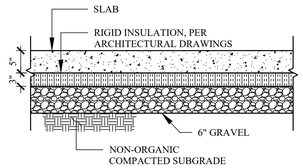
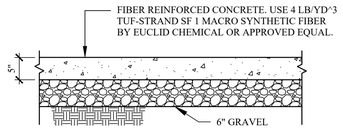


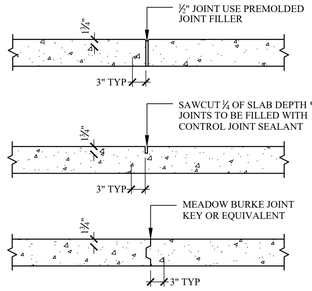
INTERIOR SLAB



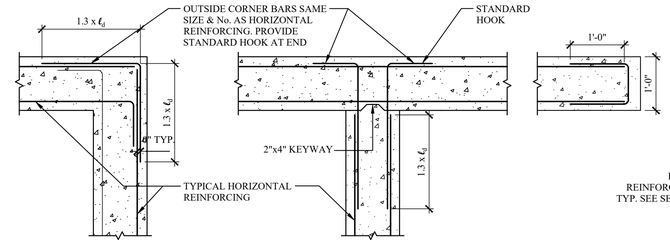
EXTERIOR SLAB

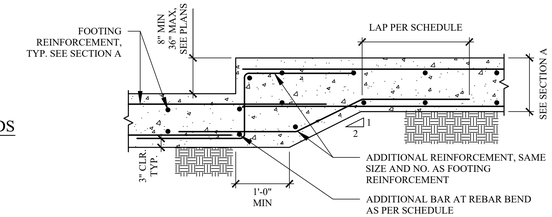
NOTES:
-PROVIDE CONTROL JOINTS PER DETAIL 2 AT 16'-0" O.C. MAX. COORDINATE JOINT LOCATIONS WITH ARCHITECT.

-SEE ARCHITECTURAL DRAWINGS FOR SLOPING REQUIREMENTS AT EXTERIOR SLABS



NOTES
* PROVIDE SEALANT WHERE REQUIRED BY ARCHITECT. SAWCUT AS SOON AS POSSIBLE AFTER CONCRETE HARDENS. SAW CUTTING MUST BE COMPLETE WITHIN 8 HRS AFTER CASTING.



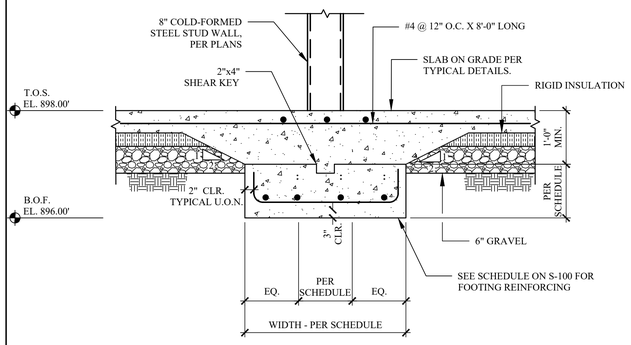


1 - TYPICAL SLAB ON GRADE DETAIL
SCALE: 3/4" = 1'-0"

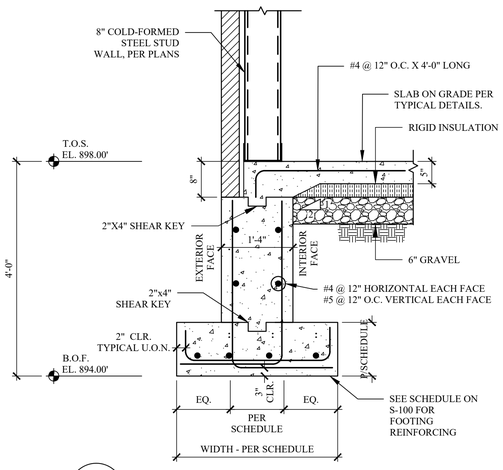
2 - SLAB ON GRADE CONTROL JOINTS
SCALE: 3/4" = 1'-0"

3 TYP. HORIZONTAL REINFORCING
CONCRETE TIE BEAMS, WALLS, AND FOOTINGS
SCALE: 3/4" = 1'-0"

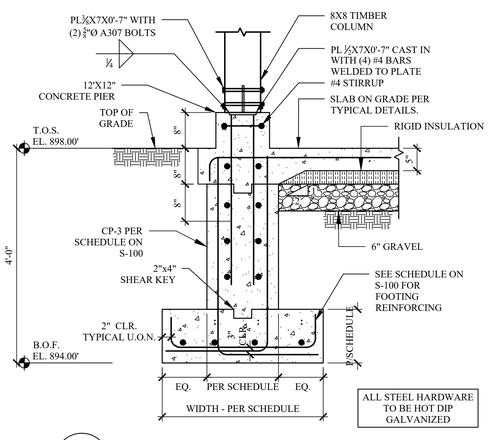
4 - TYPICAL STEP FOOTING DETAIL
SCALE: 3/4" = 1'-0"



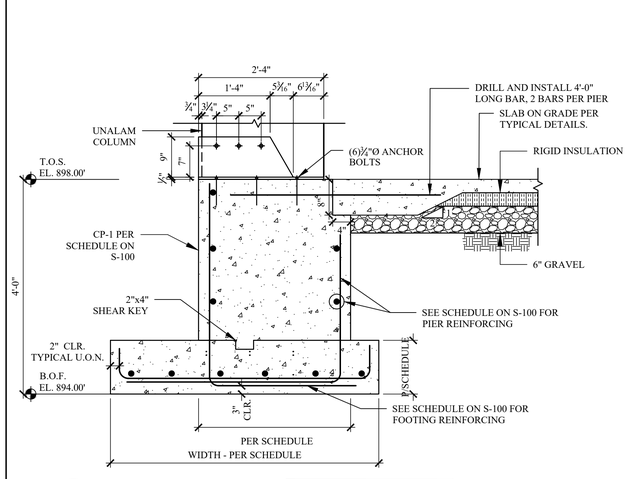
A S-100 SECTION A
INTERIOR WALL FOOTING DETAIL
SCALE: 3/4" = 1'-0"



B S-100 SECTION B
EXTERIOR WALL FOOTING DETAIL
SCALE: 3/4" = 1'-0"

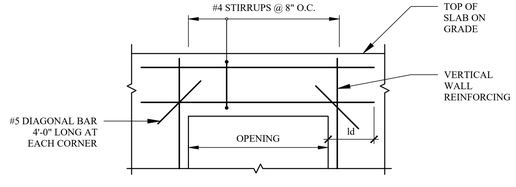


C S-100 SECTION C
EXTERIOR WALL FOOTING DETAIL
SCALE: 3/4" = 1'-0"

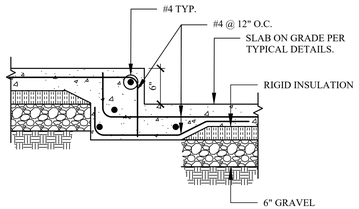


NOTE: SIMILAR SECTION AT CP-2

D S-100 SECTION D
EXTERIOR WALL FOOTING DETAIL AT PIER
SCALE: 3/4" = 1'-0"

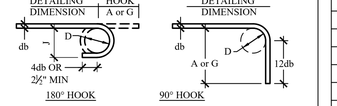


5 - TYPICAL CONCRETE BEAM DETAIL
SCALE: 3/4" = 1'-0"



E S-100 SECTION E
EXTERIOR WALL FOOTING DETAIL
SCALE: 3/4" = 1'-0"

STANDARD HOOK DETAILS



RECOMMENDED END HOOKS, ALL GRADES

BAR SIZE	D	180° HOOKS		90° HOOKS
		A or G	J	A or G
#3	2½"	5"	3"	6"
#4	3"	6"	4"	8"
#5	3¾"	7"	5"	10"
#6	4½"	8"	6"	1'-0"
#7	5¼"	10"	7"	1'-2"
#8	6"	11"	8"	1'-4"
#9	9½"	1'-3"	11¼"	1'-7"
#10	10⅝"	1'-5"	1'-1¼"	1'-10"
#11	12"	1'-7"	1'-2¾"	2'-0"

MIN. LAP SPLICE LENGTH SCHEDULE

f'c=4,000 psi fy=60,000 psi

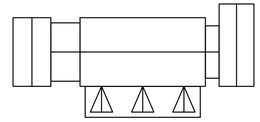
CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN DB. CLEAR COVER NOT LESS THAN db, AND BEAM STIRRUPS OR COLUMN TIES THROUGHOUT LD NOT LESS THAN CODE MINIMUM

OR

CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2DB AND CLEAR COVER NOT LESS THAN db

Bar size	dc	ld	ld (top bar)	1.3*ld	1.3*ld(top)
#4	0.500	19	25	25	32
#5	0.625	24	31	31	40
#6	0.750	28	37	37	48
#7	0.875	42	54	54	70
#8	1.000	47	62	62	80
#9	1.128	54	70	70	90
#10	1.270	60	78	78	102
#11	1.410	67	87	87	113
Other cases					
Bar size	dc	ld	ld (top bar)	1.3*ld	1.3*ld(top)
#4	0.500	28	37	37	48
#5	0.625	36	46	46	60
#6	0.750	43	55	55	72
#7	0.875	62	81	81	105
#8	1.000	71	92	92	120
#9	1.128	80	104	104	136
#10	1.270	90	117	117	153
#11	1.410	100	130	130	170

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

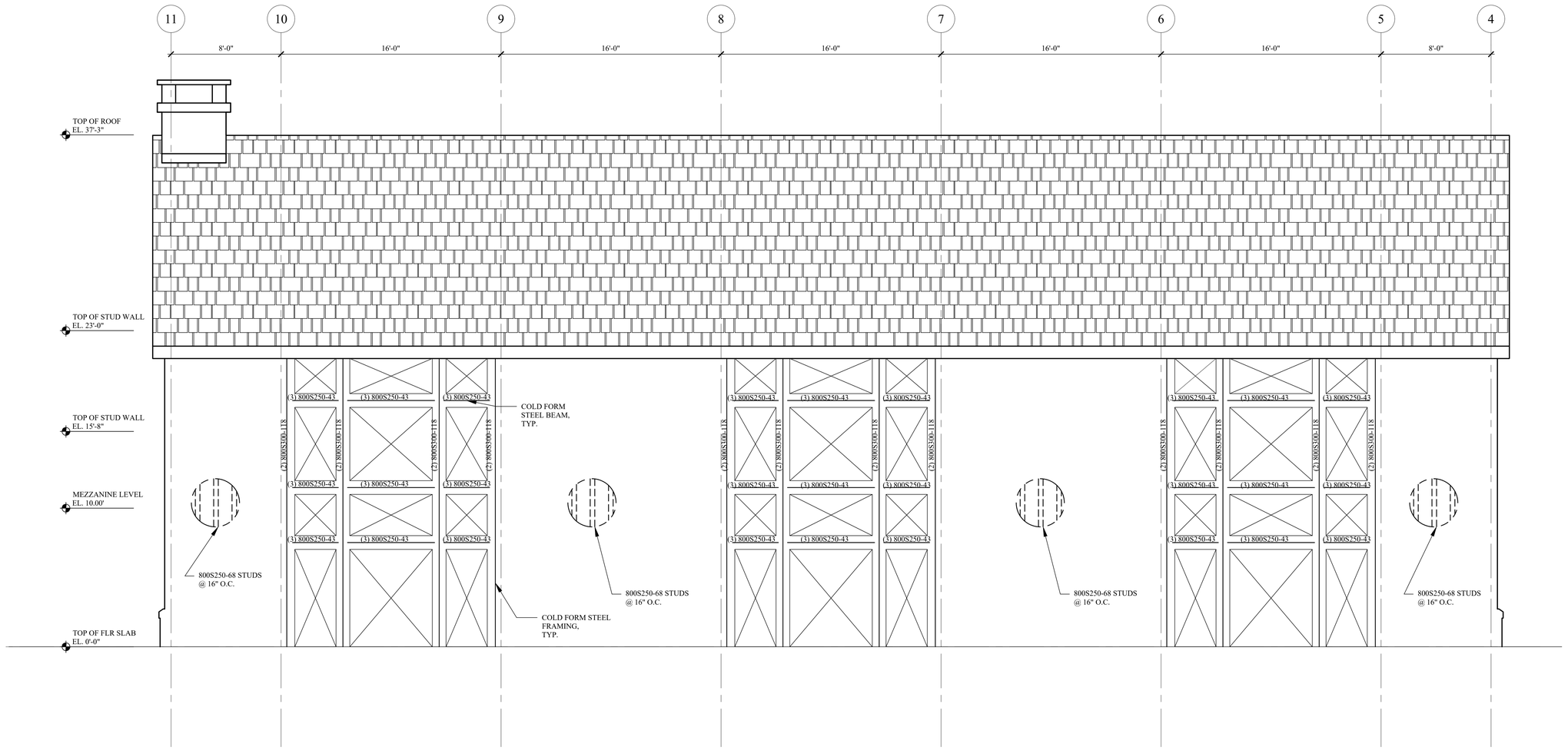
Drawing Title

CONCRETE DETAILS

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: S-200.00
CADD FILE No:

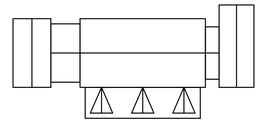
W:\2005 Girl Scouts of Greater NY



A S-101 ELEVATION A

ELEVATION ALONG GRID B
SCALE: 1/4" = 1'-0"

KEY PLAN



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Project Title

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HOLMES, NY 12531

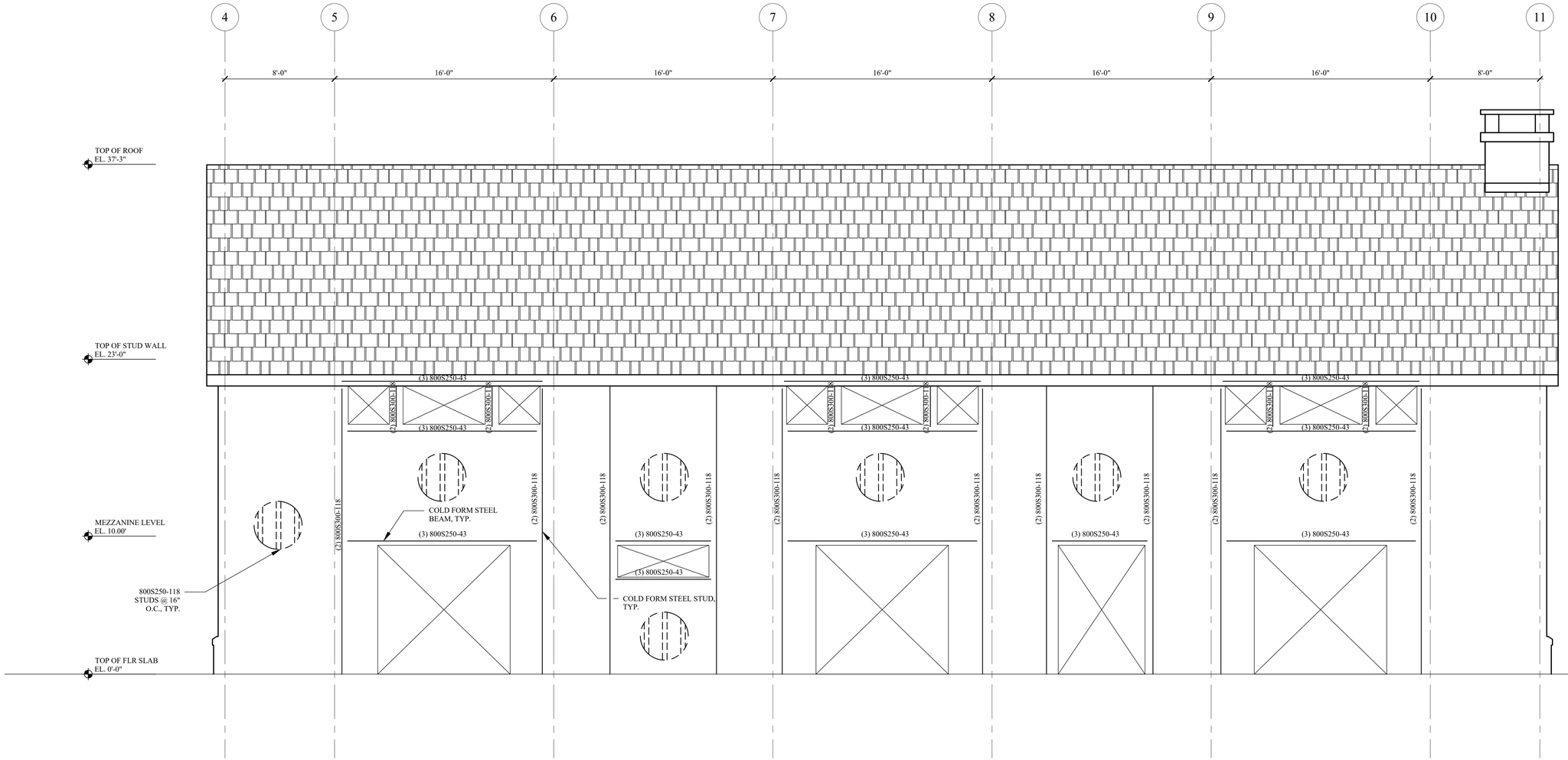
Drawing Title

ELEVATION A

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:
S-201.00
CADD FILE No:

W:\2005 Girl Scouts of Greater NY

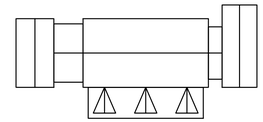


B
S-101

ELEVATION B

ELEVATION ALONG GRID E
SCALE: 1/4" = 1'-0"

KEY PLAN



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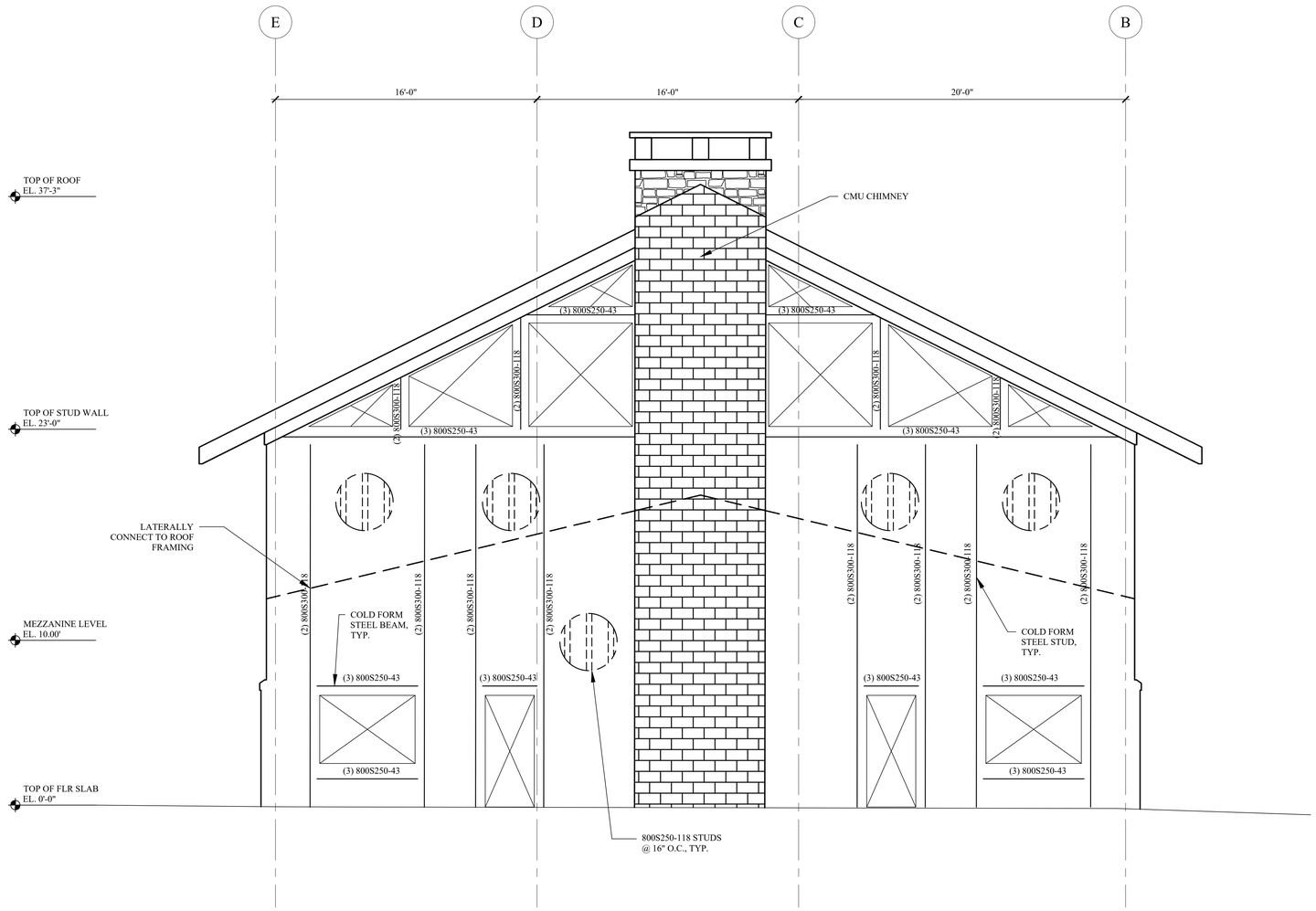
Drawing Title

ELEVATION B

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	S-202.00
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

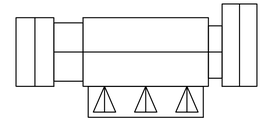


C S-101 ELEVATION C

ELEVATION ALONG GRID 11

SCALE: 1/4" = 1'-0"

KEY PLAN



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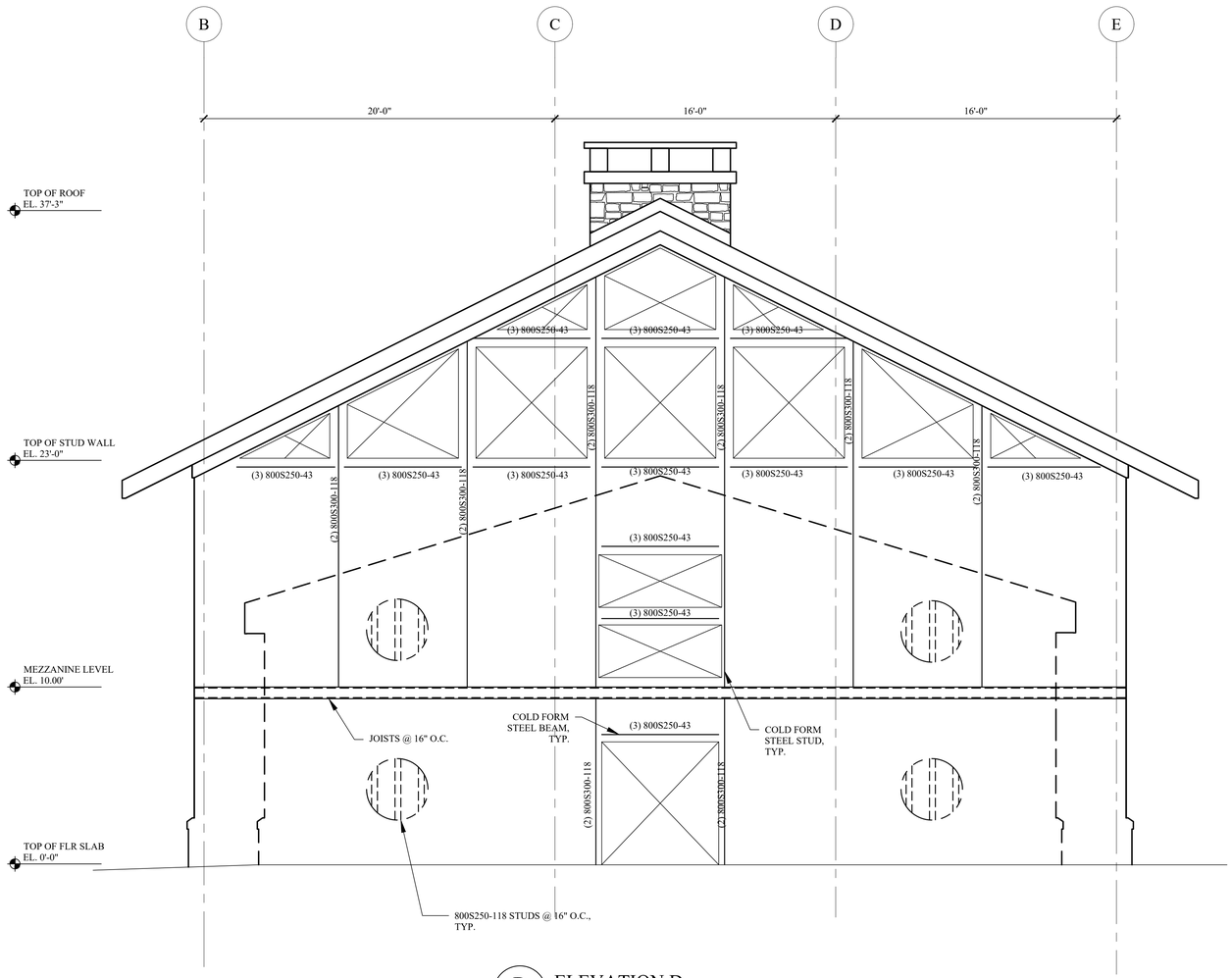
Drawing Title

ELEVATION C

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:
S-203.00
CADD FILE No:

W:\2005 Girl Scouts of Greater NY

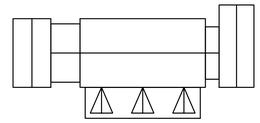


D S-101 ELEVATION D

ELEVATION ALONG GRID 4

SCALE: 1/4" = 1'-0"

KEY PLAN



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Project Title

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Drawing Title

ELEVATION D

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	S-204.00
CADD FILE No:	

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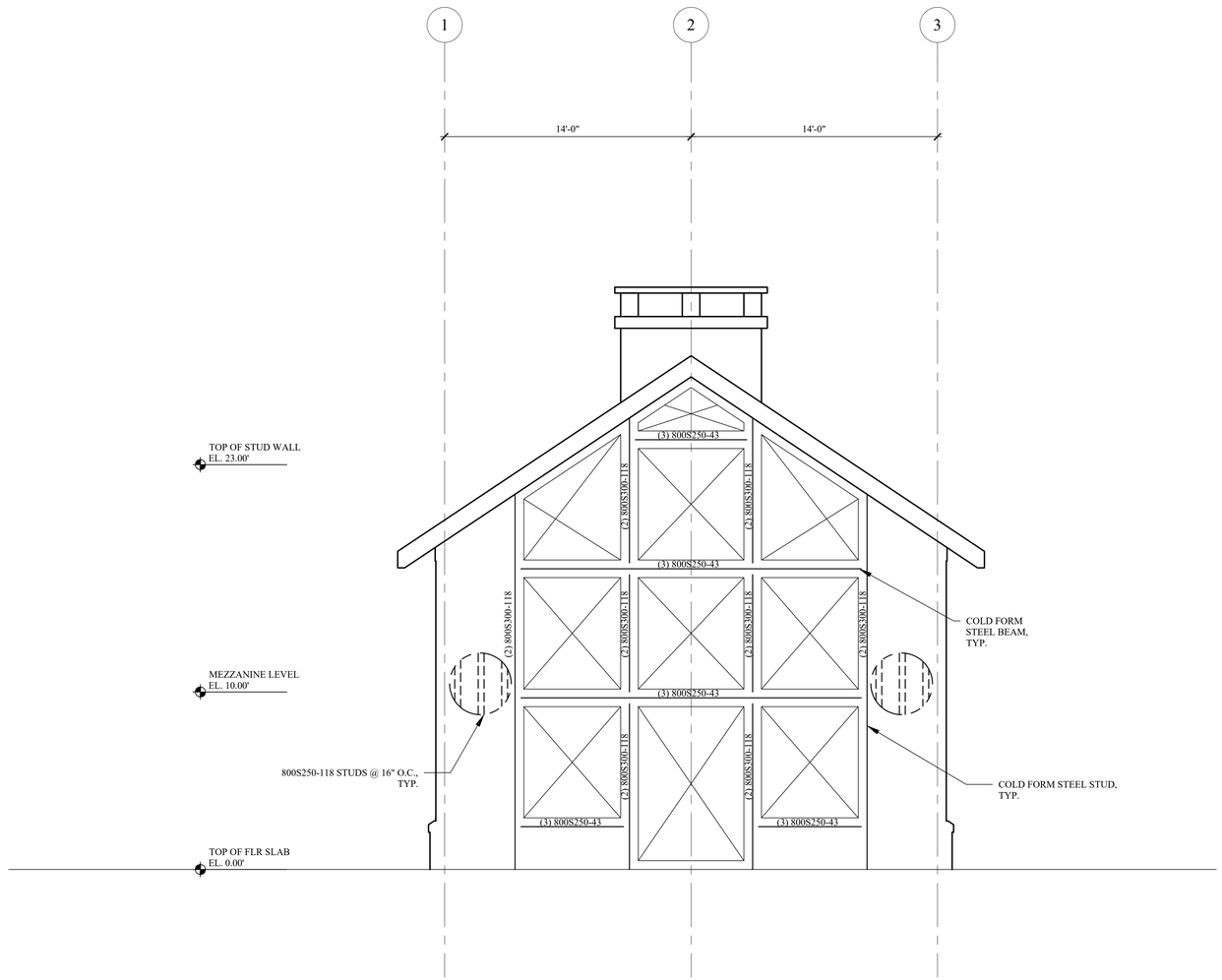
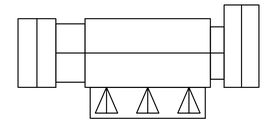


E
S-101

ELEVATION E

ELEVATION ALONG GRID E
SCALE: 1/4" = 1'-0"

KEY PLAN



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Drawing Title

ELEVATION E

Seal & Signature

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PROJECT No:	2005
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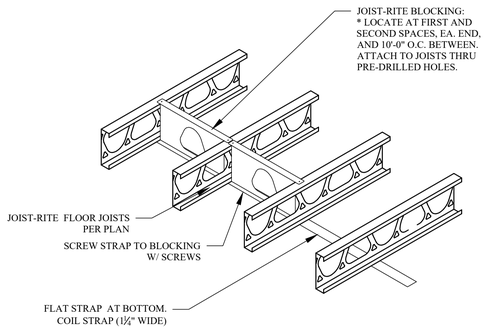
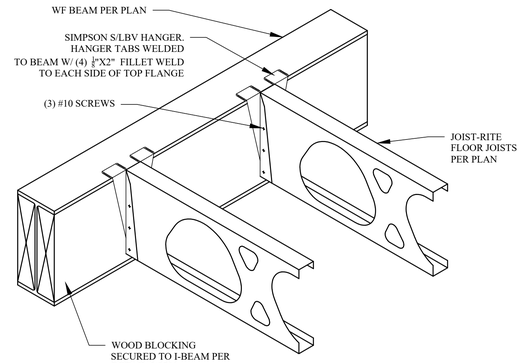
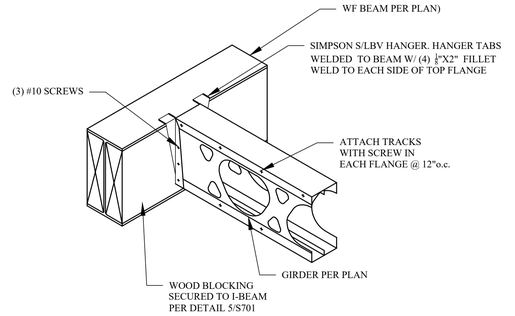
DWG No:	S-205.00
CADD FILE No:	



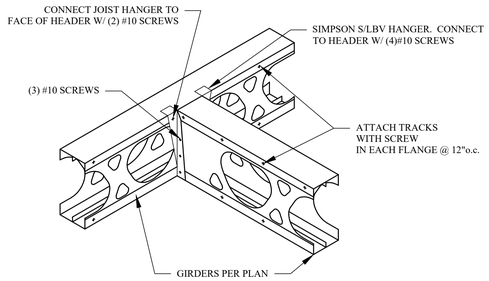
1 - JOISTRITE BRIDGING, TYPICAL
SCALE: N.T.S.



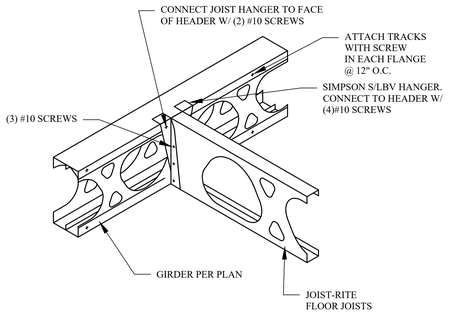
2 - TYPE JOISTRITE JOIST CONNECTION
SCALE: N.T.S.
AT WF BEAM



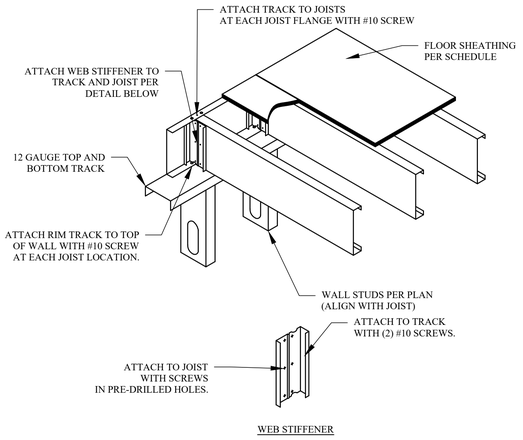
3 - TYP. JOISTRITE HEADER CONNECTION
SCALE: N.T.S.
AT WF BEAM



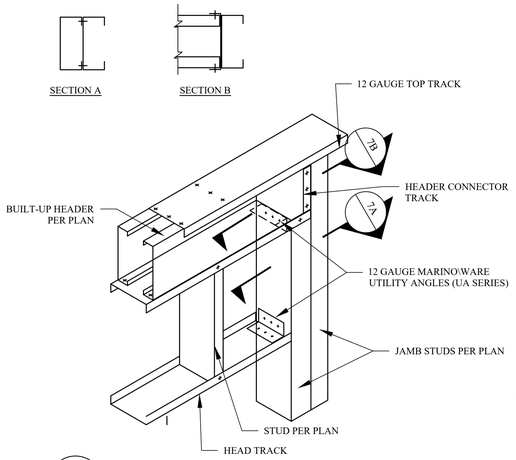
4 - TYP. JOISTRITE HEADER CONNECTION
SCALE: N.T.S.
AT JOISTRITE HEADER



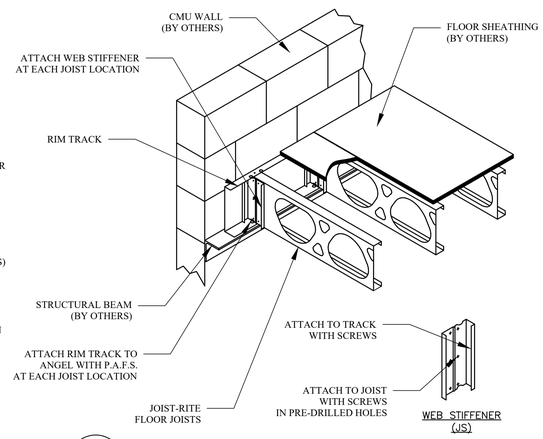
5 - TYP. JOISTRITE JOIST CONNECTION
SCALE: N.T.S.
AT JOISTRITE HEADER



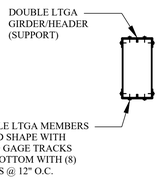
6 - TYP. LG JOIST CONNECTION AT STUD WALL
NOT TO SCALE



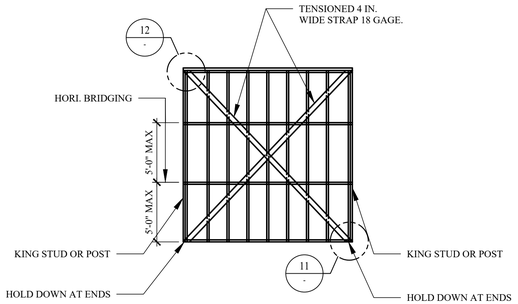
7 - TYPICAL LG WALL OPENING DETAIL
NOT TO SCALE



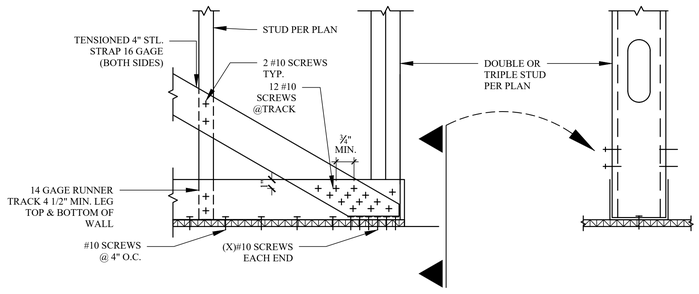
8 - JOIST BEARING ON STRUCTURAL ANGLE
NOT TO SCALE



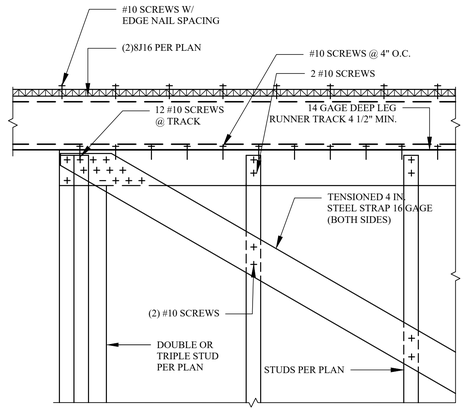
9 - TYP. BUILT UP HEADER DETAIL
SCALE: 1"=1'-0"



10 - TYP. BRACED SHEAR WALL
SCALE: 1" = 1'-0"

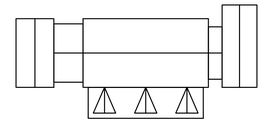


11 - BOTTOM OF BRACING WALL
SCALE: 1-1/2" = 1'-0"



12 - TOP OF BRACING WALL
SCALE: 1-1/2" = 1'-0"

KEY PLAN



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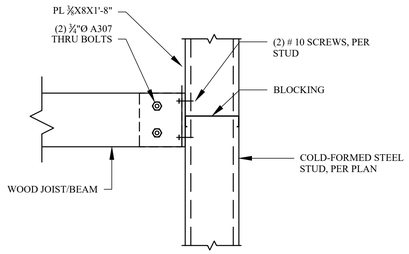
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

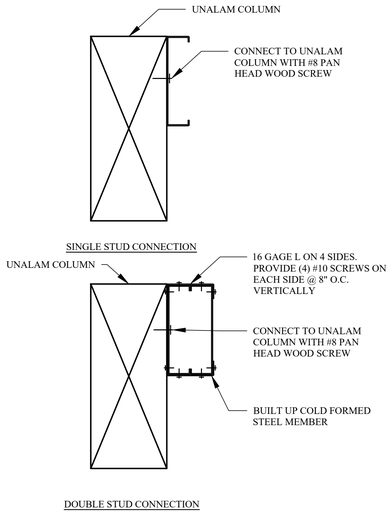
Drawing Title
SECTIONS AND DETAILS (1)

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: S-300.00
CADD FILE No:

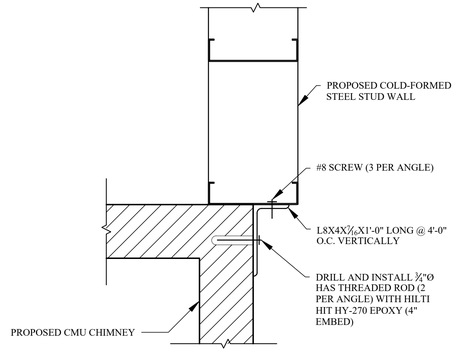


1 DETAIL-1
WOOD BEAM TO COLD-FORMED STEEL STUD
SCALE: 1-1/2" = 1'-0"



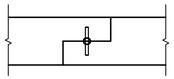
PLAN VIEW

2 DETAIL-2
SCALE: 1-1/2"=1'-0"

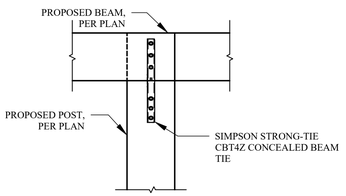


PLAN VIEW

3 DETAIL-3
SCALE: 1-1/2"=1'-0"

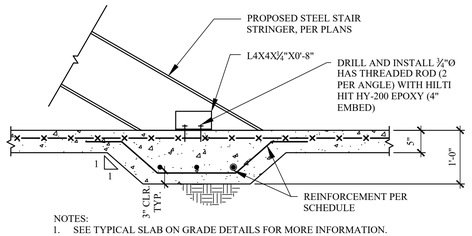


PLAN VIEW



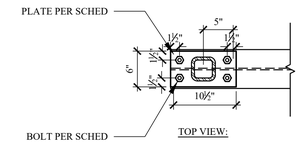
ELEVATION VIEW

4 DETAIL-4
SCALE: 1"=1'-0"

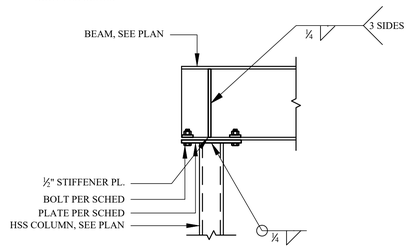


NOTES:
1. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.

5 DETAIL-5
SCALE: 3/4" = 1'-0"

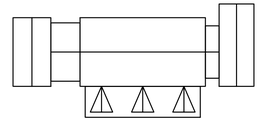


TOP VIEW:



6 BEAM TO HSS COLUMN CONNECTION
SCALE: 1"=1'-0"

KEY PLAN



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GREATER NEW YORK

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HOLMES, NY 12531

Drawing Title

SECTIONS AND DETAILS (2)

Seal & Signature

Date: 06/21/2021
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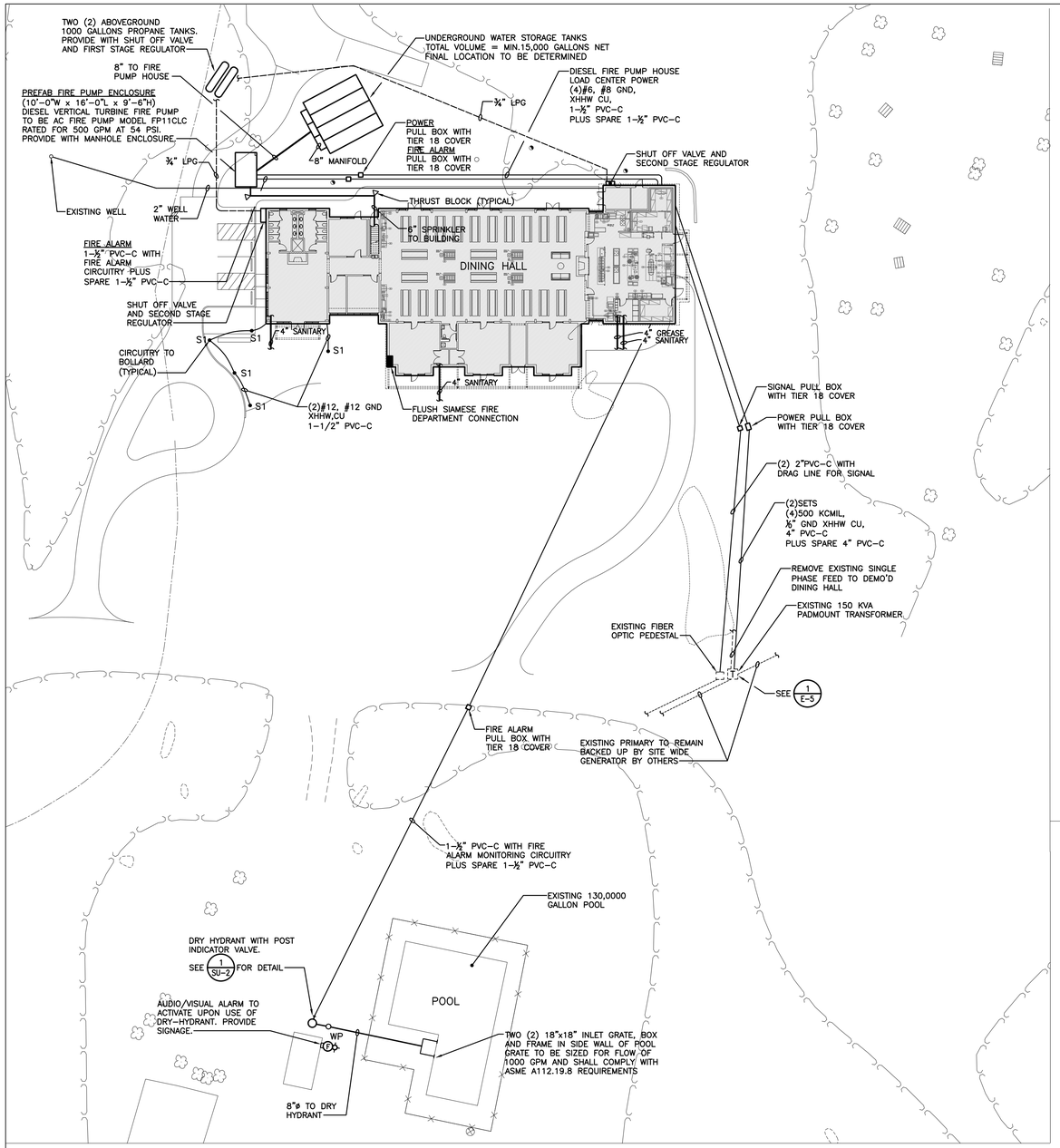
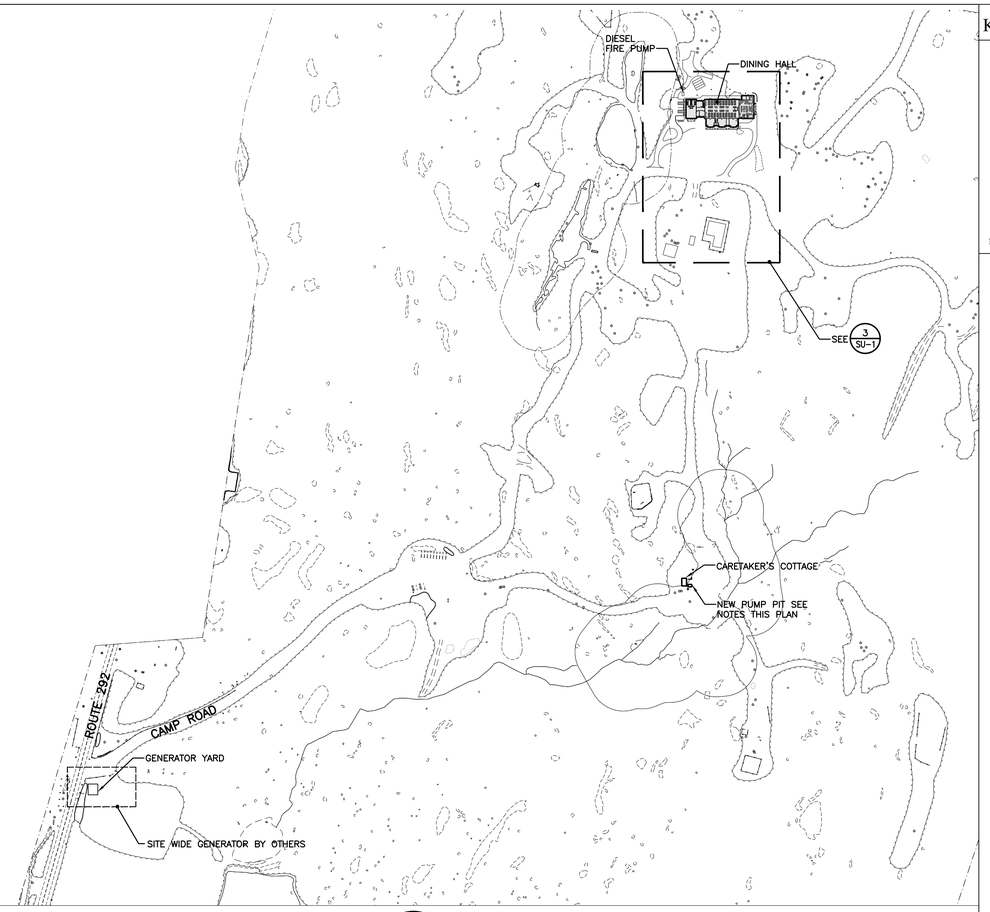
CHK BY: NL
DWG No:
S-301.00
CADD FILE No:

W:\2005 Girl Scouts of Greater NY



2 SU-1 PARTIAL SITE PLAN NORTH
SCALE: 1" =30'-0"



1 SU-1 KEY PLAN NORTH
SCALE: 1" = 200'-0"

PUMP PIT ELECTRICAL NOTE

TO FEED NEW PUMP PIT, EC SHALL USE EXISTING CARETAKER'S HOUSE ELECTRIC SERVICE PANEL.

-PROVIDE A 2P-20A MATCHING CB FOR EACH OF TWO PUMPS. RUN TO NEW PUMP CONTROL PANEL ON EXTERIOR OF HOME.

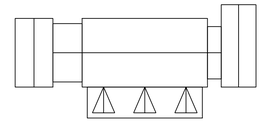
FROM ELECTRIC PANEL RUN (2)SETS (3)#10, #12 GND THWN CU, ¾" EMT IN INTERIOR.
(OR MC CABLE, CONCEALED) TO PUMP CONTROL PANEL. FROM CONTROL PANEL RUN (2) SETS (3)#20, #12 GND XHHW TO JBOX FOR PIT.

FOR CONTROLS RUN CIRCUITRY FOR
-HIGH LEVEL
-LEAD PUMP ON
-PUMP OFF

RUN (12)#14, XHHW CU IN 1-1/2" PVC BETWEEN CONTROL PANEL AND PIT AND CONNECT. VERIFY WIRING REQUIREMENTS PRIOR TO COMMENCING.

SEE CIVIL AND LANDSCAPE PLANS FOR MORE REQUIREMENTS.

KEY PLAN



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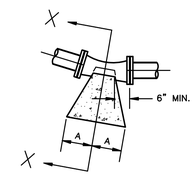
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
SITE UTILITY
KEY PLAN AND SITE PLAN

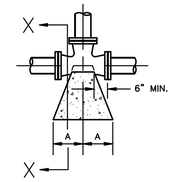
Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: SU-1
CADD FILE No:

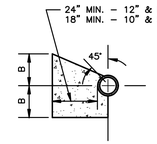
W:\2005 Girl Scouts of Greater NY



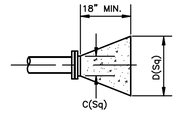
PLAN
BENDS & ELBOWS



PLAN
TEES



SECTION X–X
BENDS & ELBOWS

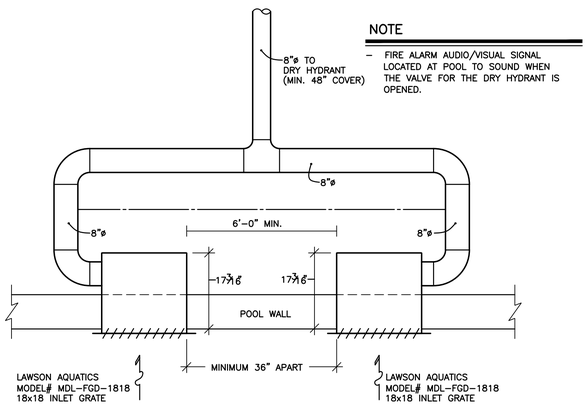


PLAN AND ELEVATION
PLUGS

2000 PSF SOIL										
SIZE	1/4 BENDS		1/8 BENDS		1/16 BENDS		TEES		PLUGS	
	A	B	A	B	A	B	A	B	A	B
4"&6"	16"	10"	9"	10"	6"	8"	10"	12"	10'	21'
8"	22"	13"	12"	13"	8"	10"	13"	16"	12'	29'
10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"
12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"

NOTES: BEARING SURFACES OF CONCRETE THRUST BLOCKS TO BE CARRIED BY UNDISTURBED EARTH.

4 SU–2 STANDARD THRUST BLOCKS
NOT TO SCALE



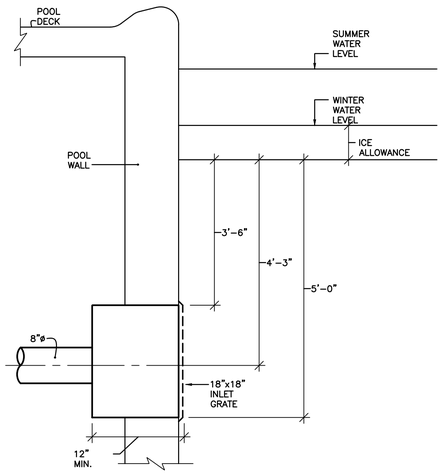
NOTE

– FIRE ALARM AUDIO/VISUAL SIGNAL LOCATED AT POOL TO SOUND WHEN THE VALVE FOR THE DRY HYDRANT IS OPENED.

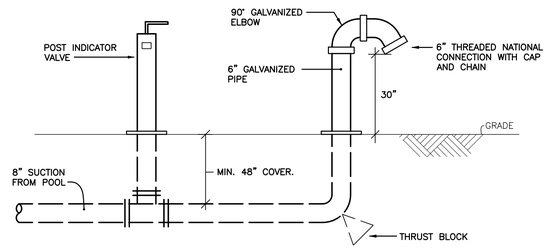
3 SU–2 INTAKE GRATE PLAN
NOT TO SCALE

NOTE

– PROVIDE TWO (2) GRATES, SEPARATION BETWEEN GRATES TO BE DETERMINED BY POOL SERVICE COMPANY.
– MAINTAIN A MINIMUM OF 4'–0" COVER OVER PIPING FOR THE ENTIRE RUN.

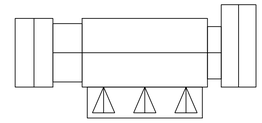


2 SU–2 INTAKE GRATE SECTION
NOT TO SCALE



1 SU–2 DRY HYDRANT
NOT TO SCALE

KEY PLAN



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81 CAMP ROAD
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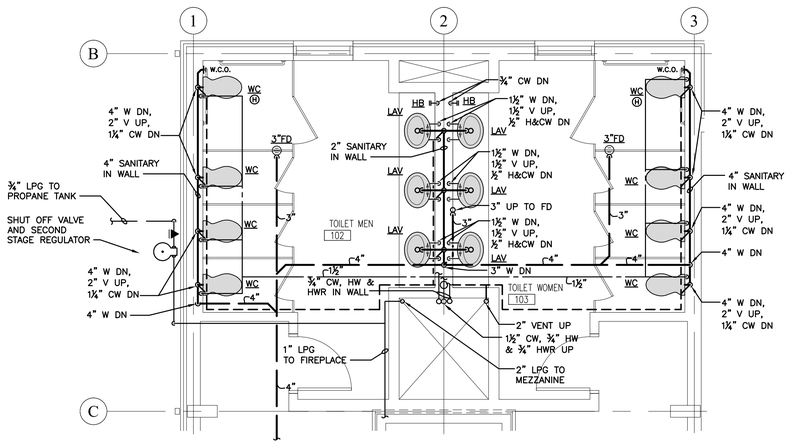
Drawing Title

SITE UTILITY
DETAILS AND NOTES

Seal & Signature

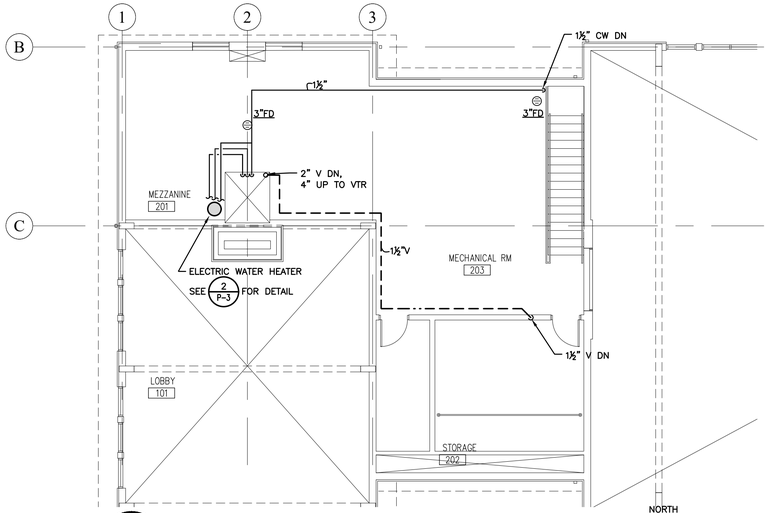
Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: SU-2
CADD FILE No:
W:\2005 Girl Scouts of Greater NY



2 / P-1 FIRST FLOOR ENLARGED PART PLAN– PLUMBING

SCALE: 1/4" = 1'-0"

NORTH



3 / P-1 MEZZANINE PART PLAN– PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

SCHEDULE OF MINIMUM FIXTURE CONNECTIONS

FIXTURE	DESIGNATION	WASTE	VENT	H.W 110°	H.W 140°	C.W
WATER CLOSET ♔	W.C.	4"	2"	–	–	1 1/4"
WATER CLOSET △	W.C.	4"	2"	–	–	1/2"
LAVATORY	LAV.	1 1/2"	1 1/2"	1/2"	–	1/2"
MOP SINK	M.S.	3"	1 1/2"	3/4"	–	3/4"
ELECTRIC WATER COOLER	E.W.C	1 1/2"	1 1/2"	–	–	1/2"

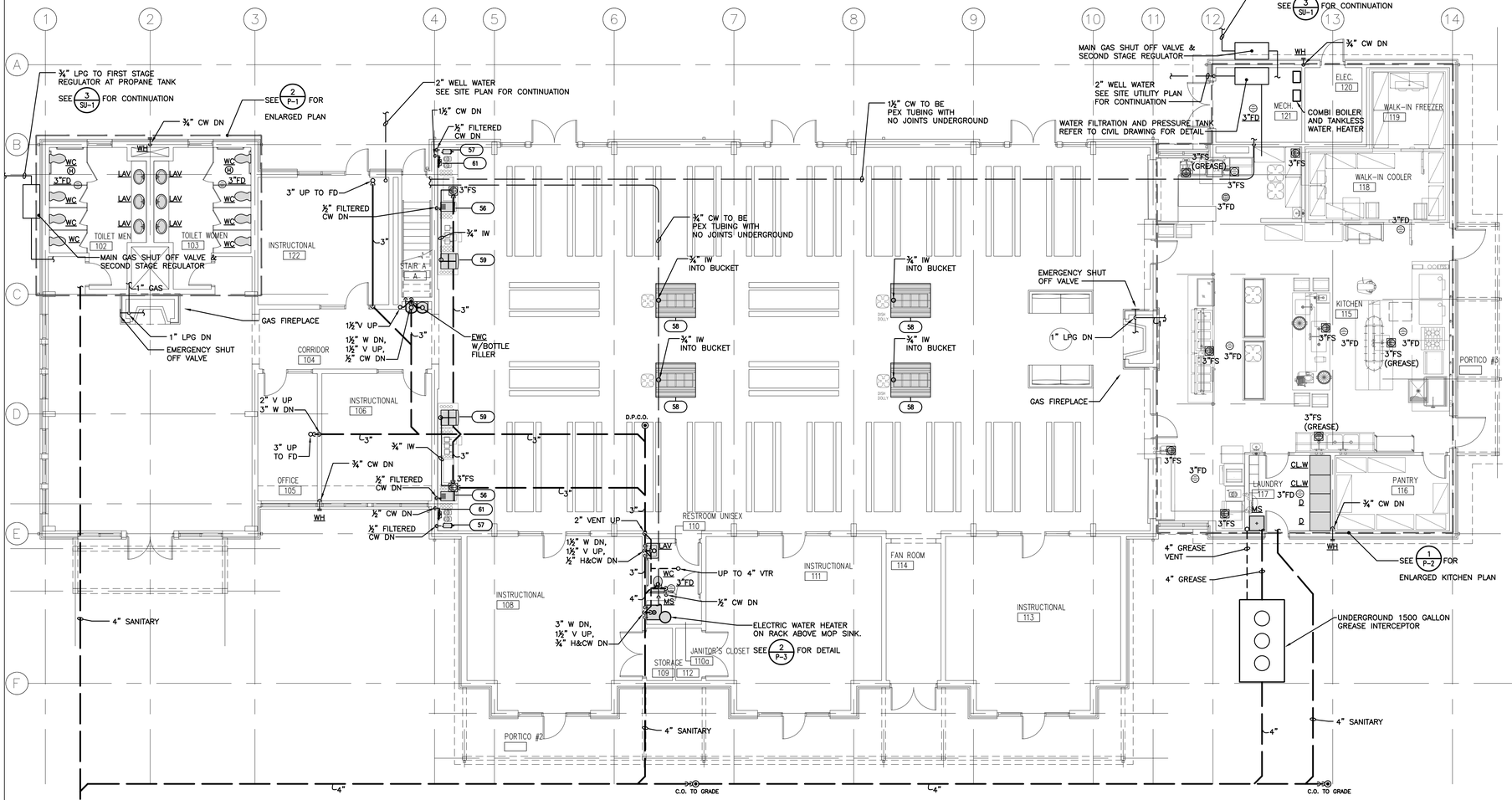
NOTE: EACH HOT & COLD WATER SUPPLY TO EACH FIXTURE SHALL BE INDIVIDUALLY VALVED.
△ = TANK TYPE
♔ = PROVIDE WITH SHOCK ARRESTORS

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	ABOVE GROUND SOIL AND/OR WASTE PIPING
	UNDERGROUND SOIL AND/OR WASTE PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING (110°)
	HOT WATER PIPING (140°)
	HOT WATER RECIRCULATING PIPING (H.W.R.)
G	GAS PIPING (G.)
	SHUT–OFF VALVE
	GLOBE VALVE
	CHECK VALVE
	GAS SHUT–OFF VALVE
	CLEANOUT (C.O.)
	DECK PLATE CLEANOUT (D.P.C.O.)
	UNION
	SHOCK ARRESTOR
(H)	HANDICAPPED FACILITY
	NEW CONNECTION TO EXISTING FACILITY
	SQUARE FEET
P-1	PLUMBING STACK No. 1
1 P-1	DETAIL No. 1, DRAWING P–1

ABBREVIATIONS

SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFP	BACK FLOW PREVENTER
BWV	BACK WATER VALVE
CLG	CEILING
CO	CLEAN OUT
CW	COLD WATER
DN	DOWN
DPCO	DECK PLATE CLEAN OUT
FAI	FRESH AIR INLET
FD	FLOOR DRAIN
FU	FIXTURE UNIT
HB	HOSE BIBB (18" A.F.F.)
HW	HOT WATER
HWR	HOT WATER RECIRCULATING
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE ZONE
SA	SHOCK ARRESTOR
SK	SINK
U/G	UNDERGROUND
VTR	VENT THROUGH ROOF
WCO	WALL CLEANOUT

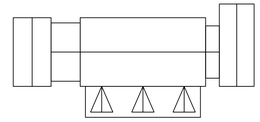


1 / P-1 FIRST FLOOR PLAN – PLUMBING

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
PLUMBING
FIRST FLOOR PLAN, DETAIL & SCHEDULE

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: P-1
CADD FILE No:

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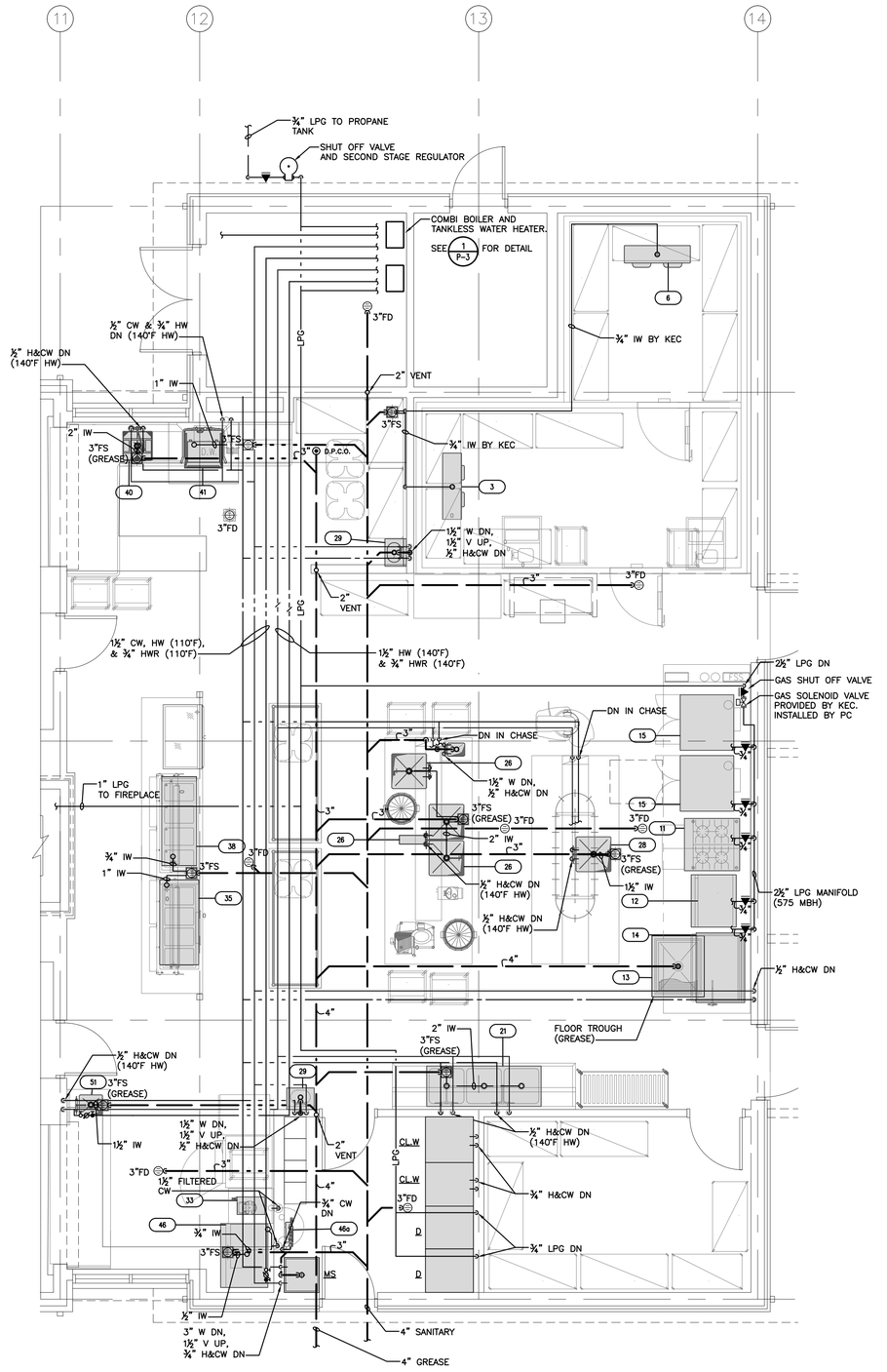
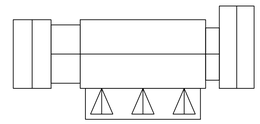


1 P-2 ENLARGED KITCHEN PLAN – PLUMBING

SCALE: 1/4" = 1'-0"

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

PLUMBING
KITCHEN PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	P-2
CADD FILE No:	

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PLUMBING NOTES

1. PLUMBING PLAN SHOWS ROUGH-IN AND CONNECTION LOCATIONS WITH CAPACITIES – SEE ROUGH-IN DRAWINGS FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR ACTUAL ROUGH-IN LOCATIONS
2. ROUGH-INS FOR WATER, WASTE, FUEL GAS AND STEAM SERVICES SHALL EXTEND 6" (220 MM) BEYOND FINISH WALLS AND ABOVE FINISH FLOORS OR EQUIPMENT PADS – ALL FLOOR PENETRATIONS SHALL BE SEALED WATER TIGHT.
3. WATER PRESSURE IN FOOD, SERVICE AND BEVERAGE AREAS SHOULD BE 50 PSIG. (344,750N/M) MAXIMUM – WATER PRESSURE AT DISHMACHINES, BOOSTER HEATERS, GLASS AND UTENSIL WASHERS TO BE 25 PSIG (172,375N/M).
4. STEAM PRESSURE FOR FOOD SERVICE EQUIPMENT TO BE _____ UNLESS INDICATED OTHERWISE ON PLAN.
5. DIVISION 22 SHALL FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS, TAIL PIECES, LINE STRAINERS, PRESSURE REDUCING VALVES AND VACUUM BREAKERS AND CONNECT ALL WATER, FUEL GAS, STEAM AND WASTE LINES TO FOOD SERVICE EQUIPMENT.
6. DIVISION 22 TO PROVIDE GAS SERVICES AT EQUIPMENT TO MAINTAIN AN 8" WATER COLUMN. FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE GAS PRESSURE REGULATORS AS REQUIRED BY CODE AND A.G.A. FOR INSTALLATION BY DIVISION 22 IN LINE BETWEEN BUILDING SERVICES AND EQUIPMENT
7. DIVISION 22 SHALL INSTALL & CONNECT ALL FAUCETS AND DRAINS FURNISHED WITH FOOD SERVICE AND BEVERAGE EQUIPMENT.
8. DIVISION 22 SHALL FURNISH & INSTALL ALL INDIRECT WASTE LINES FROM FOOD SERVICE AND BEVERAGE EQUIPMENT (EXCEPT EVAPORATOR COILS IN COLD STORAGE ROOMS) TO FLOOR SINKS AND INSULATE WASTE LINES FROM ICE BINS, EVAPORATORS AND BAIN MARIES.
9. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL FIRE SUPPRESSION SYSTEM. FSE CONTRACTOR SHALL FURNISH & DIVISION 22 SHALL INSTALL NORMALLY OPEN MECHANICALLY ACTIVATED OR ELECTRICAL SOLENOID GAS SHUT-OFF VALVE ABOVE SUSPENDED CEILING TILE.
10. WHERE PERMITTED BY LOCAL CODE, FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FINISH FLOOR WITH GRATE COVER AS INDICATED.
11. THIS PLUMBING PLAN IS INTENDED TO SHOW DRAINAGE REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. IT IS THE PLUMBING ENGINEER'S RESPONSIBILITY TO CONFIRM DRAIN TYPE, CAPACITY & ELEVATION TO SATISFY LOCAL CODE REQUIREMENTS.
12. SEWAGE AND LIQUID WASTES (ROOF DRAINS) ARE TO BE CARRIED TO THE SEWER IN A MANNER THAT PROTECTS THE PREMISES, THE PERSONNEL AND CONTENTS WITHIN THE ESTABLISHMENT FROM CONTAMINATION. THE PLUMBING ENGINEER IS TO DESIGN WASTE PIPING SYSTEMS THAT CONFORM TO LOCAL HEALTH CODE REQUIREMENTS. PARTICULAR ATTENTION NEEDS TO BE GIVEN TO ANY LOCAL REQUIREMENTS PREVENTING WASTE PIPING (EXPOSED OR CONCEALED) FROM BEING ROUTED OVERHEAD IN AREAS USED FOR FOOD STORAGE, PREPARATION, SERVICE, WAREWASHING AND TRANSPORTATION.
13. GENERAL PURPOSE AREA DRAINS SHALL BE LOCATED AND SPECIFIED BY THE PLUMBING ENGINEER TO PREVENT "STANDING" WATER ON THE FLOOR. THIS IS OF PARTICULAR IMPORTANCE WHEN LOCAL CODES REQUIRE THAT DRAINS ACCEPTING INDIRECT WASTE BE SET ABOVE THE FINISHED FLOOR.
14. DIVISION 22 TO RUN WASTES TO GREASE INTERCEPTOR PER LOCAL CODES. GREASE INTERCEPTOR, IF REQUIRED, IS TO BE SIZED AND LOCATED BY THE PLUMBING ENGINEER. WASTE ROUGH-IN FOR DISCHARGE PIPING FROM A SURFACE MOUNTED GREASE INTERCEPTOR IS TO BE DIMENSIONED BY THE PLUMBING ENGINEER.
15. DIVISION 22 SHALL INSTALL WATER FILTER SYSTEMS PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR TO SERVICE ICE MAKERS, COFFEE MAKERS/URNS, SODA SYSTEMS, STEAMERS, ETC.
16. FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE, DIVISION 22 TO INSTALL, FLEXIBLE CONNECTORS FOR FOOD SERVICE & BEVERAGE EQUIPMENT REQUIRING GAS, WATER & STEAM CONNECTIONS. REFER TO PLUMBING SCHEDULE AND CONTRACT DOCUMENTS.

PLUMBING REMARKS LEGEND

NOTE: THESE REMARKS ARE APPLICABLE WHEN NOTED IN THE PLUMBING REMARKS COLUMN ON THE PLUMBING SCHEDULE.

P1 CONNECT TO CENTRAL WATER FILTER.

P2 CONNECT TO INDIVIDUAL WATER FILTER FURNISHED BY F.S.E.C. AND INSTALLED BY PLUMBING DIVISION.

P3 PLUMBING DIVISION TO INSTALL NECESSARY PIPING, VALVES, ETC. TO ENABLE THE OPERATOR TO BY-PASS THE FILTER SYSTEM TEMPORARILY WHEN WATER FLOW TO FIXTURES IS RESTRICTED BY CLOGGED FILTERS.

P4 ROUTE INDIRECT WASTE FROM WATER FILTER PER DETAIL P-8-1.

P5 CONCEAL WATER FILTER IN BASE CABINET. COORDINATE LOCATION AND ACCESS FOR FILTER REPLACEMENT WITH APPROPRIATE TRADES.

P6 F.S.E.C. TO FURNISH AND INSTALL ELECTRIC HEAT WRAP TAPE ON FREEZER EVAPORATOR COIL DRAIN LINE. ELECTRICAL DIVISION TO MAKE FINAL CONNECTIONS.

P7 F.S.E.C. EXTEND DRAIN LINE FROM INDIRECT WASTE CONNECTION AT EVAPORATOR COIL TO FLOOR DRAIN PER DETAIL P-2-1.

P8 CONDENSER WATER TEMPERATURE TO BE BETWEEN 45° & 85° FAHRENHEIT.

P9 FLEXIBLE DISCONNECT(S) FURNISHED BY F.S.E.C. PER SPECIFIC CONDITIONS & INSTALLED BY PLUMBING DIVISION.

P10 WATER SWIRL FLEXIBLE DISCONNECT(S) FURNISHED BY F.S.E.C. PER SPECIFIC CONDITIONS & INSTALLED BY PLUMBING DIVISION.

P11 F.S.E.C. TO FURNISH FLEXIBLE DISCONNECT(S) FOR EQUIPMENT UNITS PROVIDED BY OTHERS.

P12 F.S.E.C. TO CONFIRM PLUMBING REQUIREMENTS WITH OWNER OR OPERATOR FOR EQUIPMENT NOT IN CONTRACT.

P13 PLUMBING ENGINEER TO SIZE AND SPECIFY GREASE INTERCEPTOR PER LOCAL CODE. PLUMBING ENGINEER TO LOCATE FLOOR PENETRATION FOR WASTE LINE/AIR GAP DRAIN FROM INTERCEPTOR TO SEWER SYSTEM.

P14 F.S.E.C. TO PROVIDE AND PLUMBING DIVISION TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM. REFER TO CFL DETAIL C-22-6.

P15 PLUMBING DIVISION TO PROVIDE & INSTALL INTERCONNECTING PIPING FOR A COMPLETE AND OPERABLE SYSTEM. INDIRECT WASTE TO RUN INSIDE WALL PER DETAIL P-5-1. EXTEND WASTE TO GREASE TRAP PER LOCAL CODES. CHROME PLATED PIPING WHERE EXPOSED.

P16 INTERPLUMB CONTROL PANEL THROUGH VACUUM BREAKER & CHECK VALVE W/ EXHAUST HOOD, INCLUDING DETERGENT LINE FROM PANEL TO WATER LINE TO HOOD.

P17 EXTEND DRAIN LINE FROM PRESSURE RELIEF VALVE ON BOOSTER HEATER TO FLOOR SINK.

P18 FURNISH & INTERPLUMB RECIRCULATING WATER LINES W/ GATE VALVES FROM COLLECTOR/ TROUGHVEYOR TO END OF TROUGH, INCLUDING GUSHER HEADS.

P19 FURNISH & INTERPLUMB RECIRCULATING WATER LINE W/ BALL VALVE FROM SYSTEM TO INLET AT END OF TROUGH.

P20 STUB UP INSIDE UTILITY CHASE AND BTC

P21 DOWN FROM ABOVE INSIDE UTILITY CHASE AND BTC

PLUMBING EQUIPMENT SCHEDULE

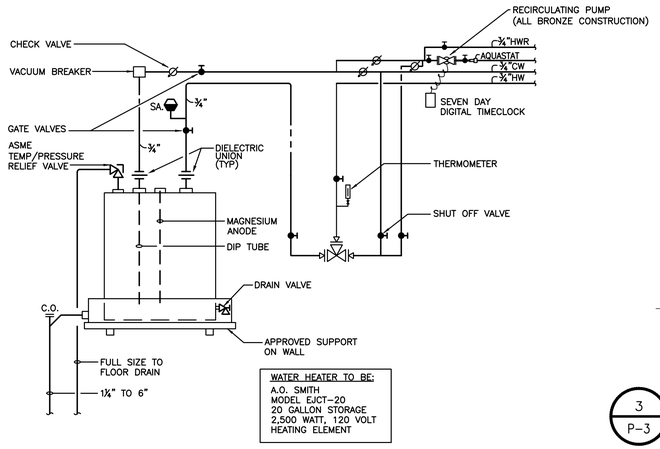
ITEM NO	QTY	ITEM NAME	CW	CW AFF	HW	HW AFF	SINK SIZE	IW	DW	DIRECT WASTE CONN. HEIGHT(IN)	FW	FW AFF	GAS MBTU	GAS	GAS AFF	REMARKS	ITEM NO
3	1	REFRIGERATION COIL, MED TEMP						3/4"								ROUTE IW TO FLOOR SINK	3
6	1	EVAPORATOR COIL, LOW TEMPERATURE						3/4"								ROUTE IW TO FLOOR SINK	6
11	1	RANGE, 4 OPEN BURNERS											175.0	3/4"	30"	P9	11
12	1	GRIDDLE, GAS, FLOOR MODEL											90.0	3/4"	30"	P9	12
13	1	TILTING SKILLET BRAISING PAN, GAS	1/2"	14"	1/2"	14"							130.0	3/4"	30"	P9	13
14	1	FLOOR TROUGH							4"	-6"						P13	14
15	2	CONVECTION OVEN, DOUBLE, GAS											90.0	3/4"	30"	P9, GAS MANIFOLD	15
21	1	THREE (3) COMPARTMENT SINK						(3) 2"								P13, ROUTE TO FLOOR SINK	21
	1		1/2"	14"	1/2"	14"	3) 24X24X13									HW TEMP - 140°	
	1		1/2"	14"	1/2"	14"										HW TEMP - 140°	
26	1	TABLE WITH SINKS, U/CHASE, O. SHELF	1/2"	DFA @ 18"	1/2"	DFA @ 18"	24X24X14	2"								P13, P21, HW TEMP - 140°, ROUTE TO FLOOR SINK	26
	1		1/2"	DFA @ 18"	1/2"	DFA @ 18"	2) 24X24X12	2"								P13, P21, HW TEMP - 140°, ROUTE MANIFOLD IW TO FLOOR SINK	
	1		1/2"	DFA @ 18"	1/2"	DFA @ 18"	9X12X 6		1-1/2"	24"						P21, HW TEMP - 110°	
28	1	TABLE W/SINK	1/2"	DFA @ 18"	1/2"	DFA @ 18"	24X24X10	1-1/2"								P13, P21, HW TEMP - 140°, ROUTE TO FLOOR SINK	28
29	2	HAND SINK	1/2"	18"	1/2"	18"	9X12X 6		1-1/2"							P21, HW TEMP - 110°	29
33	1	COFFEE BREWER									3/8"	48"				P1, P10 FROM ITEM 46A	33
35	1	HOT FOOD WELL UNIT, DROP-IN, ELECTRIC						1"								MANIFOLDED TO SHUT-OFF, ROUTE TO FLOOR SINK	35
38	1	HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC						3/4"								MANIFOLDED TO SHUT-OFF, ROUTE TO FLOOR SINK	38
40	1	SOILED DISHTABLE W/PRE-RINSE SINK	1/2"	14"	1/2"	14"	20X20X7	2"								HW TEMP - 140°, ROUTE TO FLOOR SINK	40
41	1	DISHWASHER, DOOR TYPE	1/2"	14"	3/4"	14"		1"								HW TEMP - 140°, ROUTE TO FLOOR SINK	41
46	1	ICE MAKER, CUBE-STYLE						3/8"			3/8"	48"				P1, P10, ROUTE TO FLOOR SINK	46
	1							3/4"								ROUTE TO FLOOR SINK	
46A	1	WATER FILTER	3/4"	7'-0"												SERVES ITEMS 33, 46	46A
51	1	COUNTER W/SINK	1/2"	18"	1/2"	18"	14X16X10	1-1/2"								P13, HW TEMP - 140°, ROUTE TO FLOOR SINK	51
56	2	JUICE DISPENSER									3/8"	48"				P1, P10, FROM 61	56
57	2	HOT WATER DISPENSER									3/8"	48"				P1, P10, FROM 61	57
58	4	SERVING COUNTER W/FOOD SHIELD, SALAD						3/4"								ROUTE IW TO BUCKET, BUCKET BY OWNER	58
59	2	ICE DISPENSER, COUNTER TOP						3/4"								ROUTE TO FLOOR SINK	59
61	2	WATER FILTER	1/2"	18"												SERVES ITEMS 56, 57	61

KITCHEN PLUMBING NOTES

1. FOR EXACT LOCATION AND ROUGHING OF NEW KITCHEN EQUIPMENT, REFER TO DIMENSIONED ROUGH IN PLANS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.
2. EXACT LOCATIONS OF ITEMS OF EQUIPMENT SHALL BE VERIFIED IN THE FIELD.
3. ALL NEW EXPOSED PIPING AND FITTINGS WITHIN THE KITCHEN AREAS SHALL BE CHROME PLATED.
4. EACH HOT WATER, COLD WATER AND GAS SUPPLY TO EACH ITEM OF EQUIPMENT AND PLUMBING FIXTURES, SHALL BE INDIVIDUALLY VALVED.
5. ALL INDIRECT WASTE PIPING SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR. EXCEPT INDIRECT WASTE FROM WALK IN EVAPORATOR COILS.
6. AFTER FINAL PLUMBING CONNECTIONS TO KITCHEN EQUIPMENT, EQUIPMENT SHALL BE LEFT IN ACCEPTABLE OPERATING CONDITION.
7. KITCHEN EQUIPMENT CONTRACTOR SHALL SET KITCHEN EQUIPMENT IN PLACE UNLESS OTHERWISE NOTED.
8. FINAL PLUMBING CONNECTIONS SHALL INCLUDE INTERCONNECTION AND FINAL HOOK-UP OF ALL PLUMBING ITEMS AND THE FURNISHING OF ALL REQUIRED PIPING, VALVES, TRAPS, FITTINGS, ETC. BY THE PLUMBING CONTRACTOR.
9. FAUCETS FOR KITCHEN EQUIPMENT SHALL BE PROVIDED BY THE KITCHEN EQUIPMENT CONTRACTOR, AND INSTALLED BY THE PLUMBING CONTRACTOR.
10. TAILPIECES FOR KITCHEN EQUIPMENT SHALL BE PROVIDED INSTALLED BY THE PLUMBING CONTRACTOR.
11. DO NOT SCALE DRAWINGS. MAKE REFERENCE TO SPECIFIC DIMENSIONS NOTED ON ALL PLANS AND/OR MAKE NECESSARY FIELD ADJUSTMENTS.

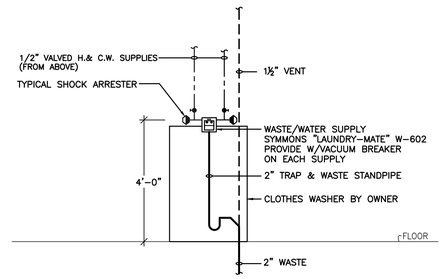
FOOD SERVICE NOTES – PLUMBING

1. BACKFLOW PREVENTION SHALL BE PROVIDED FOR:
   - DISHWASHER
   - HOSE CONNECTIONS
   - SINKS
   - MOP SINK
   - ICE MACHINE
   - DIPPERWELL
   - PLOT FILLER
   - STEAM KETTLE
2. INDIRECT WASTES SHALL BE PROVIDED FOR:
   - DISHWASHER
   - FOOD PREPARATION SINKS
   - MOP SINK
   - FOOD PREPARATION EQUIPMENT
   - REFRIGERATORS
3. ALL SINKS TO HAVE POTABLE HOT AND COLD WATER.
4. ALL LAVATORIES AND HAND WASH SINKS TO HAVE COMBINATION FAUCETS.
5. ALL PIPE PENETRATION THROUGH FLOOR SHALL BE SLEEVED AND SEALED, SLEEVES TO EXTEND ABOVE FLOOR. (2" MIN.)
6. HORIZONTAL PIPING TO BE RUN A MINIMUM OF 6" ABOVE FLOOR AND 1" CLEAR OF WALL.



2 P-3 WATER HEATER DETAIL

NOT TO SCALE



3 P-3 CLOTHES WASHER PIPING DETAIL

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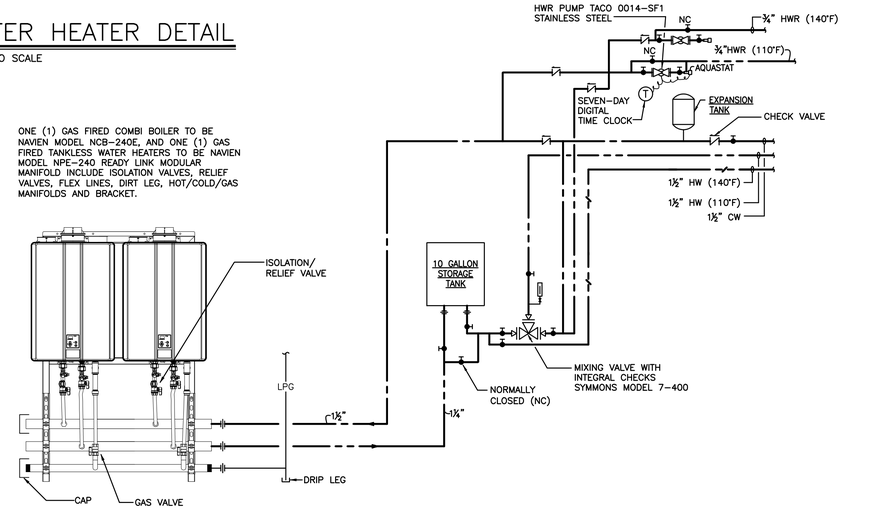
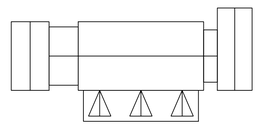


1 P-3 COMBI BOILER/ TANKLESS WATER HEATER PIPING

NOT TO SCALE

KEY PLAN



N.T.S.

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1.	06/24/2022	Issue for Bid

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PLUMBING
FOOD SERVICE PLUMBING SCHEDULE

Seal & Signature

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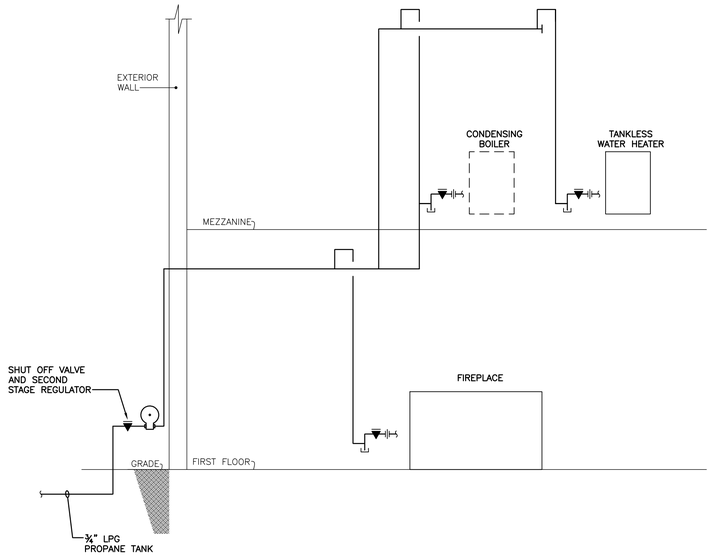
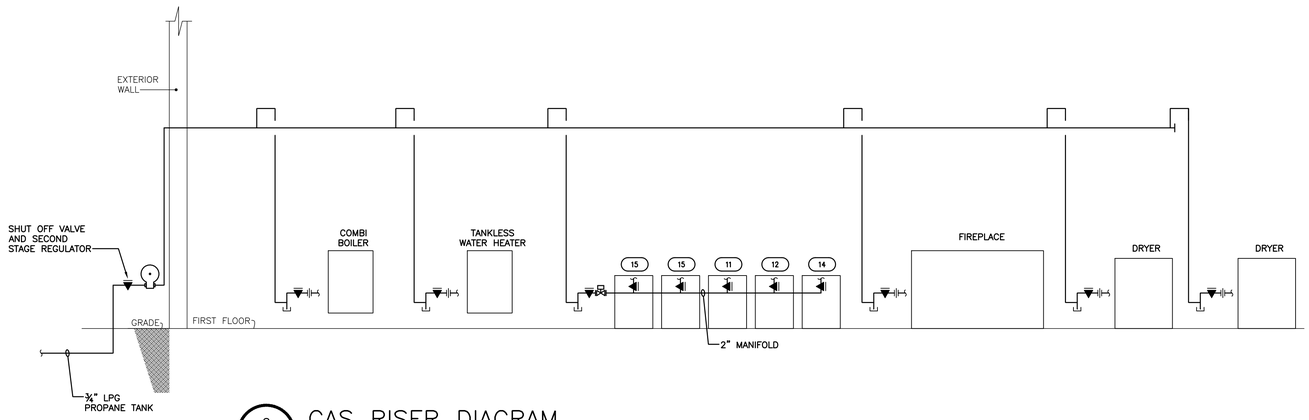
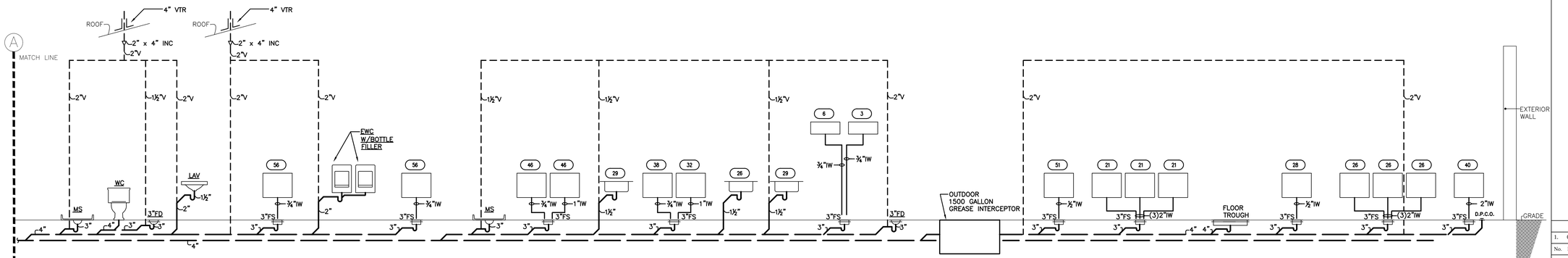
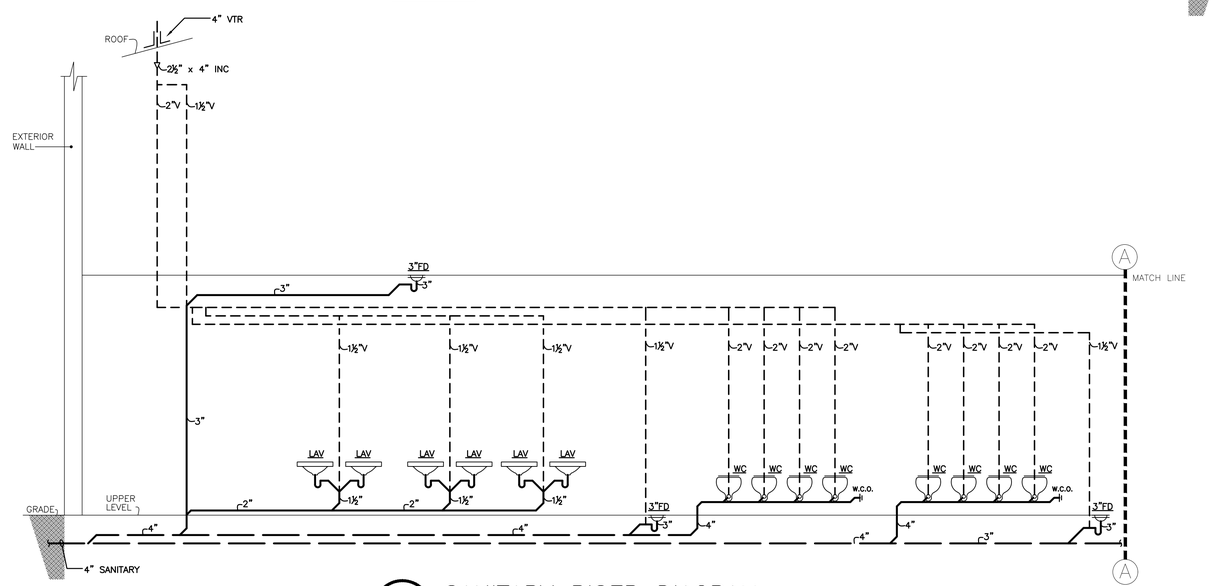




2 / P-4 GAS RISER DIAGRAM
NOT TO SCALE





1 / P-4 SANITARY RISER DIAGRAM
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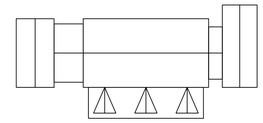
KEY PLAN



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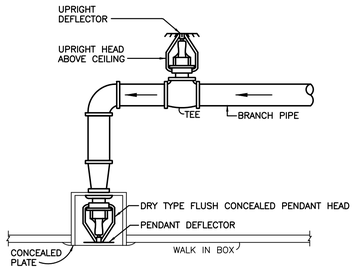


DETAIL FOR HEADS ABOVE & BELOW WALK IN BOX

2 / FP-1

NOT TO SCALE

SEISMIC RESTRAINTS

PROVIDE SEISMIC BRACING FOR SUSPENDED PIPING AND EQUIPMENT AND AS FOLLOWS:

– ALL PIPING IN BOILER ROOM OF 1–1/4" OR LARGER SIZE
– PIPING IN ALL OTHER AREAS OF 2–1/2" OR LARGER SIZE

BRACING MAY BE OMITTED WHERE TOP OF PIPE IS WITHIN 12" OF THE BOTTOM OF THE STRUCTURAL STEEL SUPPORT AND IS INDIVIDUALLY SUPPORTED.

PROVIDE BRACING AND FLEXIBLE ELBOWS AT THE BASE AND TOP OF RISERS.

PROVIDE FLEXIBLE CONNECTIONS WHERE PIPING CROSSES BUILDING EXPANSION JOINTS.

FIRE ALARM CONNECTIONS

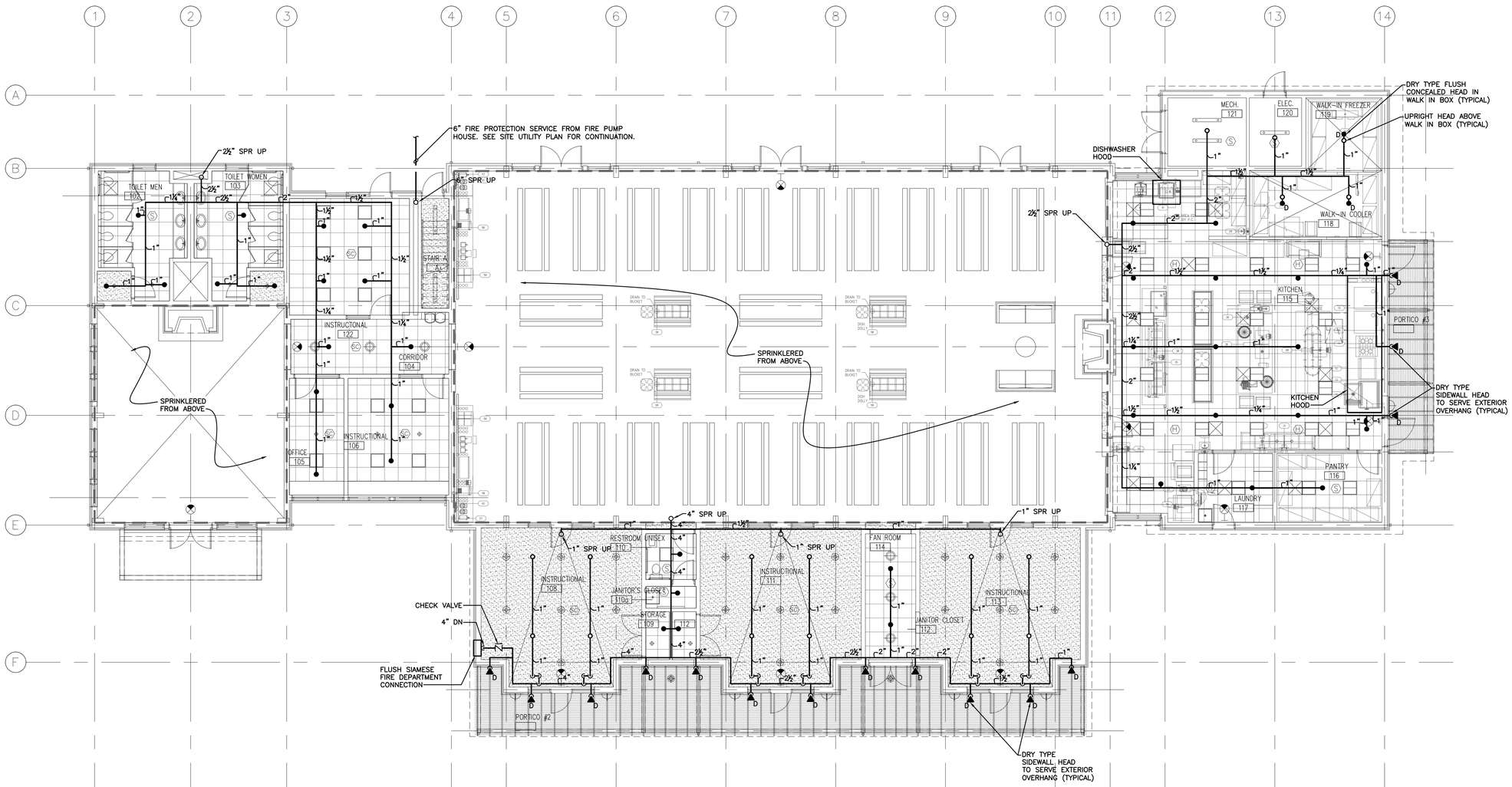
– ACTIVATION OF FLOW SWITCHES TO SOUND BUILDING ALARM AND NOTIFY FIRE DEPARTMENT.
– ACTIVATION OF TAMPER OR LOW PRESSURE SWITCH TO SOUND SUPERVISORY SIGNAL
– SWITCHES MOUNTED BY FPC, WIRED BY EC

SPRINKLER SYSTEM NOTES

1. PIPE SIZE SHOWN ARE BASED ON PIPE SCHEDULE AND ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL SIZES TO BE DETERMINED BY HYDRAULIC DESIGN.
2. FPC SHALL PROVIDE A HYDRAULIC DESIGN BASED ON LIGHT HAZARD OCCUPANCY, WITH 0.10 GPM/SQ.FT. DENSITY TO THE MOST REMOTE 1,500 SQ.FT.
3. ORDINARY HAZARD (GROUP 1) COVERAGE SHALL BE PROVIDED FOR KITCHEN, MECHANICAL AND STORAGE ROOMS.
4. ALL PIPING SHALL BE INSTALLED TO PERMIT COMPLETE DRAINAGE OF THE SYSTEM, WHERE REQUIRED PROVIDE AUXILIARY DRAINS
5. HEADS IN SPACES HAVING SUSPENDED TILE CEILING SHALL BE ALIGNED WITH TILE GRID, LIGHT FIXTURES, DIFFUSERS, REGISTERS AND SHALL BE CENTERED IN THE TILE.
6. HEADS IN SPACES WITHOUT A CEILING SHALL BE COORDINATED WITH STRUCTURE, LIGHTING FIXTURES, OTHER PIPING AND DUCTWORK.
7. SPRINKLER PIPING LAYOUTS ARE DIAGRAMMATIC AND INTEND TO SHOW GENERAL ARRANGEMENT, SIZE AND CAPACITY. ALL OFFSET ARE NOT NECCESSARILY SHOWN. CONTRACTOR SHALL ARRANGE AND COORDINATE THE COMPLETE SPRINKLER LAYOUT, FURNISH NECCESSARY OFFSETS, VALVES AND FITINGS TO AVOID CONNECTIONS WITH OTHER TRADES AND ARCHITECTURAL ELEMENTS.
8. SPRINKLERS LOCATED NEAR HEAT SOURCES SUCH AS UNIT HEATERS, HEATING DUCTS, ETC. IN THE HIGH TEMPERATURE ZONE SHALL BE OF THE HIGH TEMPERATURE CLASSIFICATION, AND SPRINKLERS IN THE INTERMEDIATE TEMPERATURE ZONE SHALL BE OF THE INTERMEDIATE TEMPERATURE CLASSIFICATION.

LEGEND

- ● = FLUSH CONCEALED HEAD
- ●D = DRY TYPE FLUSH CONCEALED HEAD
- ○ = UPRIGHT HEAD
- ◁D = DRY TYPE SIDEWALL HEAD
- —— = SPRINKLER PIPING



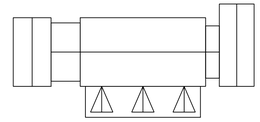
1 / FP-1

FIRST FLOOR PLAN – FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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No.	Date	Revision
1.	06/24/2022	Issue for Bid

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PH (845) 225-9690

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566 Warburton Avenue, Hastings–on–Hudson, NY 10706
Phone: (914) 478–3677 · Fax: (914) 478–1600

Project Title

CAMP KAUFMANN GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

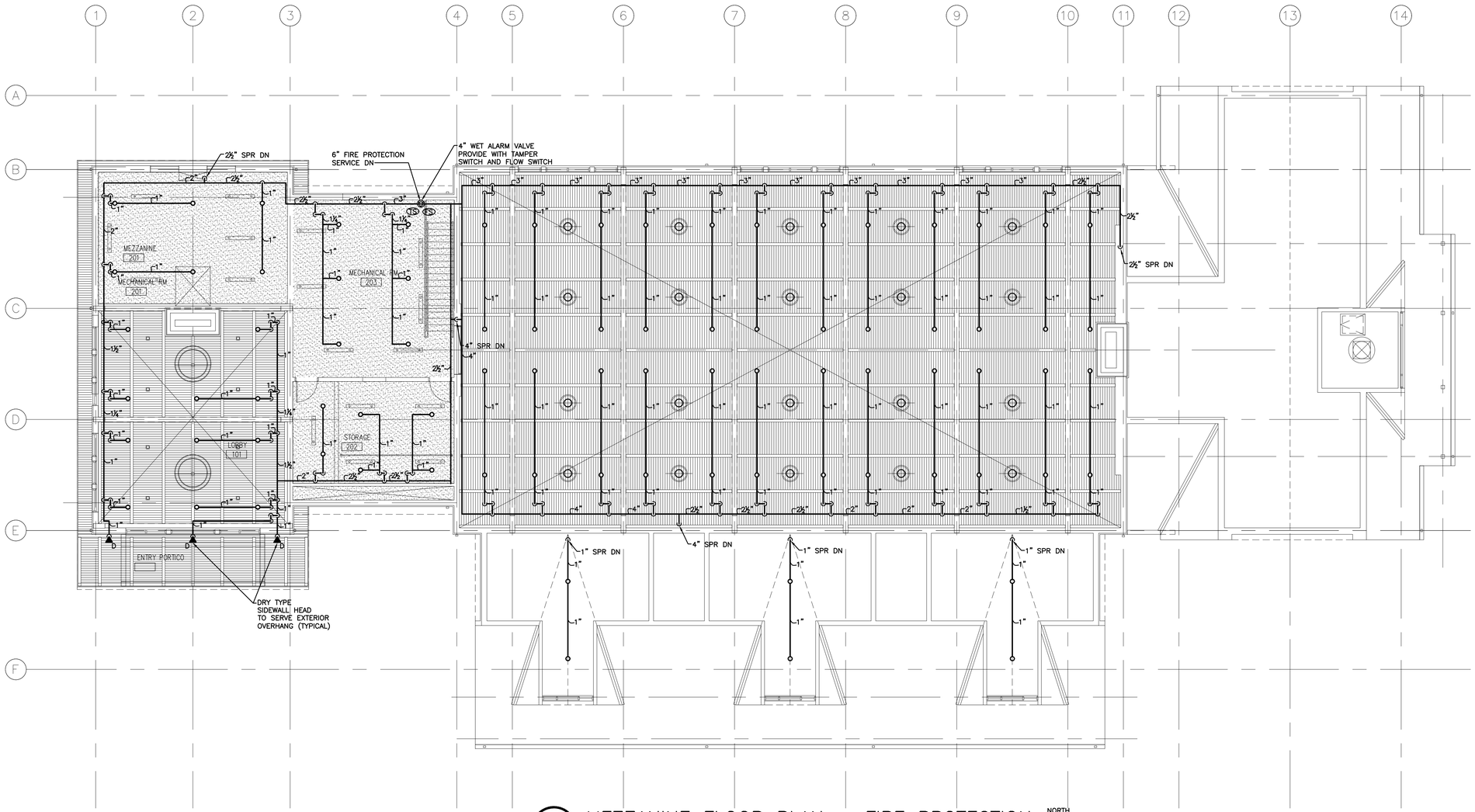
Drawing Title

FIRE PROTECTION FIRST FLOOR PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	FP-1
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

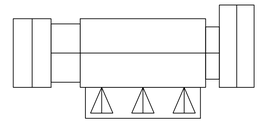


1 FP-2 MEZZANINE FLOOR PLAN – FIRE PROTECTION

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

FIRE PROTECTION
MEZZANINE FLOOR PLAN

Seal & Signature

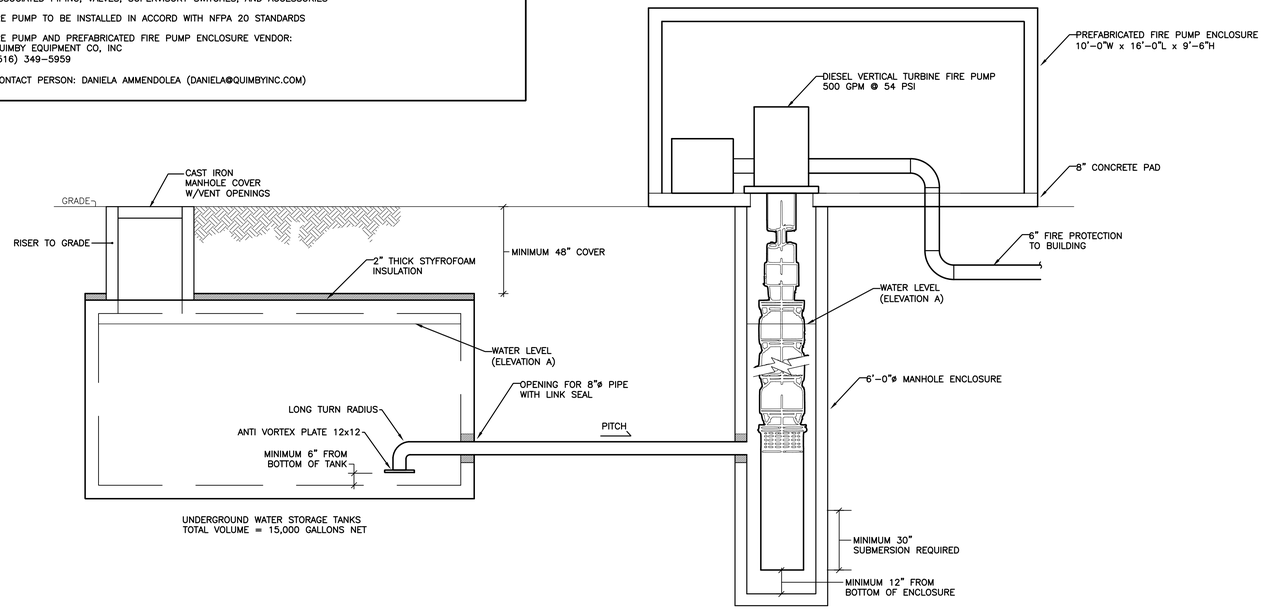
Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	FP-2
CADD FILE No:	

W-2005 Girl Scouts of Greater NY

PREFABRICATED FIRE PUMP ENCLOSURE:

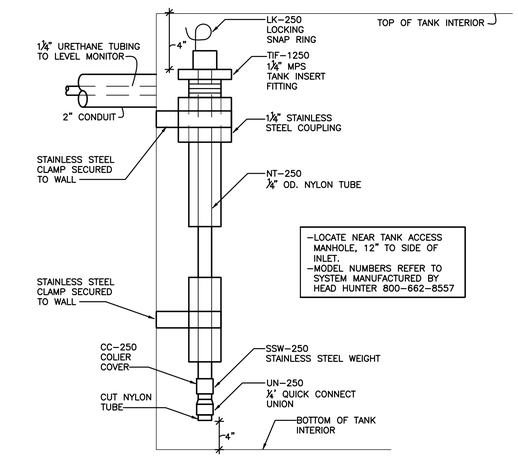
- PREFABRICATED FIRE PUMP ENCLOSURE COMPONENTS TO BE INCLUDED, BUT NOT LIMITED TO THE FOLLOWING:
  - DIESEL VERTICAL TURBINE FIRE PUMP XYLEM/AC, MODEL FP11CHC-3STG
  - FIRE PUMP CONTROLLER
  - JOCKEY PUMP AND CONTROLLER
  - 150 GALLON DOUBLE WALL FUEL TANK
  - TEST HEADER
  - PREPIPED AND PACKAGED SYSTEM
  - 30"x34" ROOF HATCH
  - 6'x7' DOUBLE DOOR WITH PASSAGE LATCHSET
  - 208V PANELBOARD WITH CIRCUIT BREAKERS
  - 5kW UNIT HEATER AND THERMOSTAT
  - EXHAUST FAN WITH DAMPER AND THERMOSTAT
  - MOTORIZED INTAKE LOUVER
  - GFCI CONVENIENCE RECEPTACLES
  - LED LIGHT FIXTURES
  - EXTERIOR LIGHT WITH PHOTOCELL
  - INTERIOR EMERGENCY LIGHT WITH BATTERY BACKUP
  - ASSOCIATED PIPING, VALVES, SUPERVISORY SWITCHES, AND ACCESSORIES
- FIRE PUMP TO BE INSTALLED IN ACCORD WITH NFPA 20 STANDARDS
- FIRE PUMP AND PREFABRICATED FIRE PUMP ENCLOSURE VENDOR:
  QUIMBY EQUIPMENT CO, INC
  (516) 349-5959

  CONTACT PERSON: DANIELA AMMENDOLEA (DANIELA@QUIMBYINC.COM)



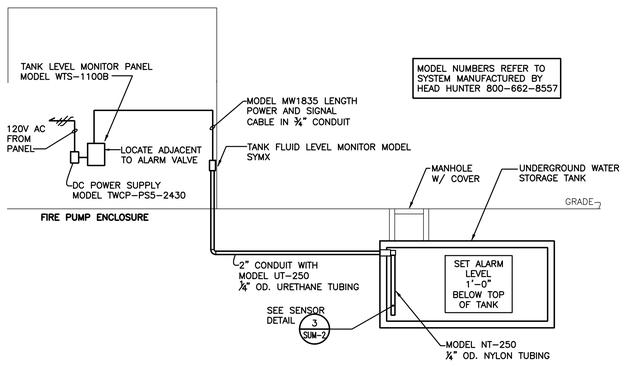
4 FP-3 FIRE PROTECTION WATER SCHEMATIC

NOT TO SCALE



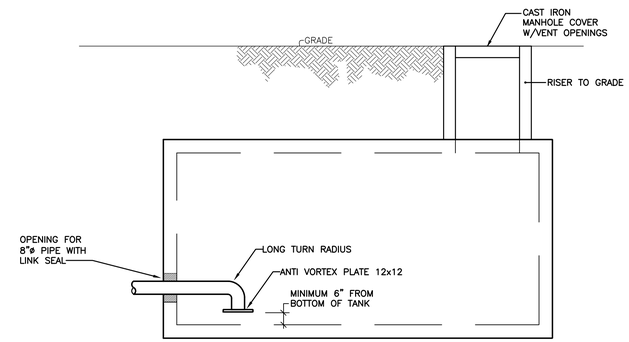
3 FP-3 TANK SENSOR DETAIL

NOT TO SCALE



2 FP-3 STORAGE TANK ALARM SCHEMATIC

NOT TO SCALE



1 FP-3 WATER STORAGE TANK

NOT TO SCALE

TYPICAL FOR FOUR (4)

WATER STORAGE TANKS

PRECAST CONCRETE TANK TO BE PRECAST CONCRETE SALES CO. (845) 268-4949

MINIMUM CAPACITY OF 15,000 GALLONS NET TOTAL

TANK CONSTRUCTION

CONCRETE: 4,000PSI MINIMUM WITH 4 TO 7 PERCENT AIR ENTRAINMENT

REINFORCEMENT: ASTM A-615, GRADE 60, MINIMUM OF 1" COVER

DESIGN LOAD: AASHTO HS20-44

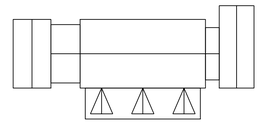
GROUTING:SEAMS AND LIFTING HOLES TO BE GROUTED WITH NON-SHRINK CEMENT AND COATED WITH WATERPROOF SEALANT.

SEALING: INTERIOR OF TANKS TO BE TREATED WITH CRYSTALLIZING COATING TO INSURE ARE WATER TIGHT. BELOW WATERLINE TO HAVE LINK-SEAL.

TANK TO BE FITTED WITH:

- 30"ø MANHOLES WITH CAST IRON FRAME AND VENTED COVER.
- OUTLET OPENING WITH LINK SEALS FOR 8"ø OUTLET PIPE.
- PROVIDE LEVEL ALARM FOR TANK, SEE DETAILS ON DRAWINGS.

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

FIRE PROTECTION DETAILS

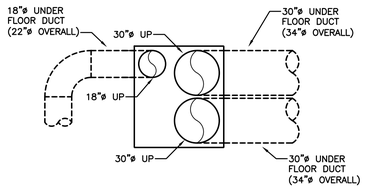
Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	FP-3
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

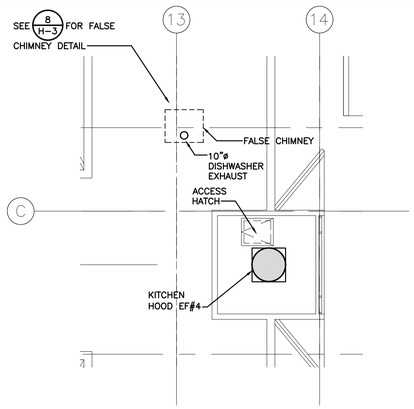
NOTE:

ALLOW FOR 2" THICK INSULATION FOR ALL DUCTS IN CHASE.



4 H-1 DUCT CHASE – LOWER LEVEL

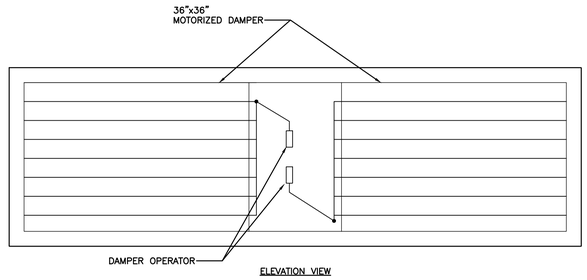
SCALE: 1/4" = 1'-0"



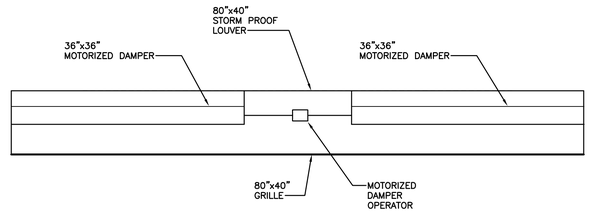
3 H-1 PARTIAL ROOF PLAN

SCALE: 1/8" = 1'-0"

NORTH



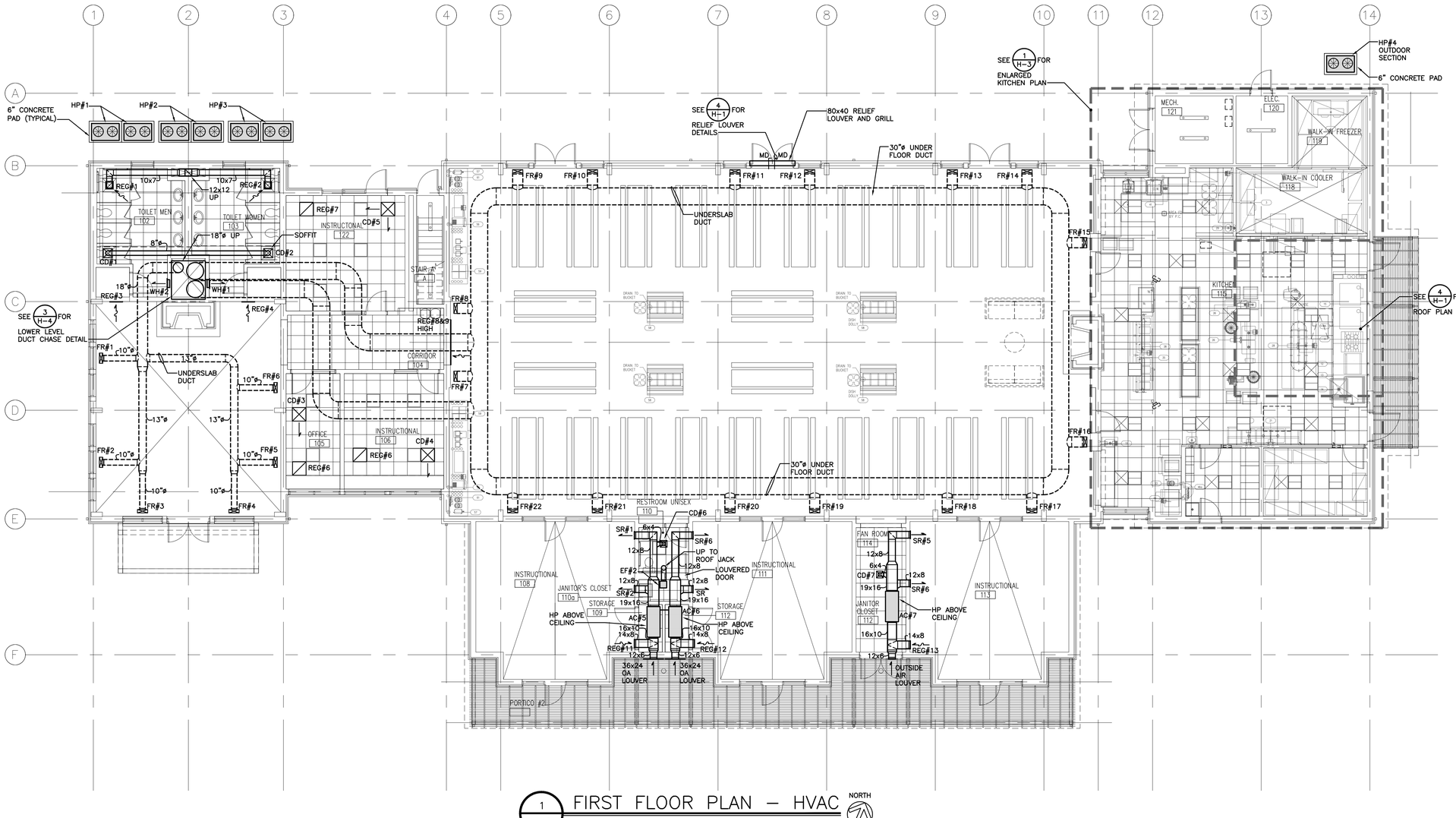
ELEVATION VIEW



PART PLAN VIEW

2 H-1 ECONOMIZER RELIEF LOUVER DETAIL

NOT TO SCALE

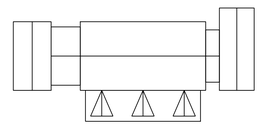


1 H-1 FIRST FLOOR PLAN – HVAC

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

HVAC

FIRST FLOOR PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	H-1
CADD FILE No:	

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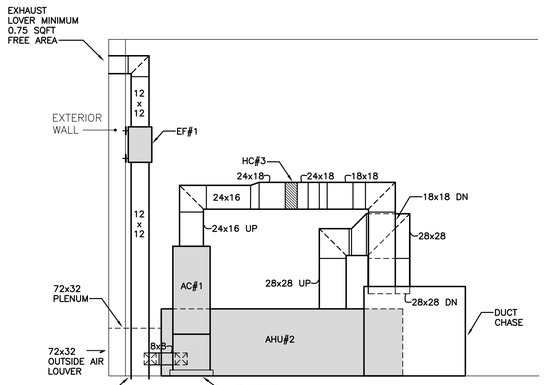
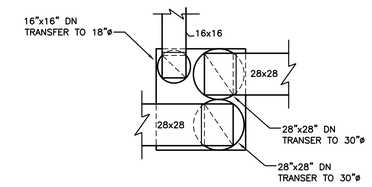
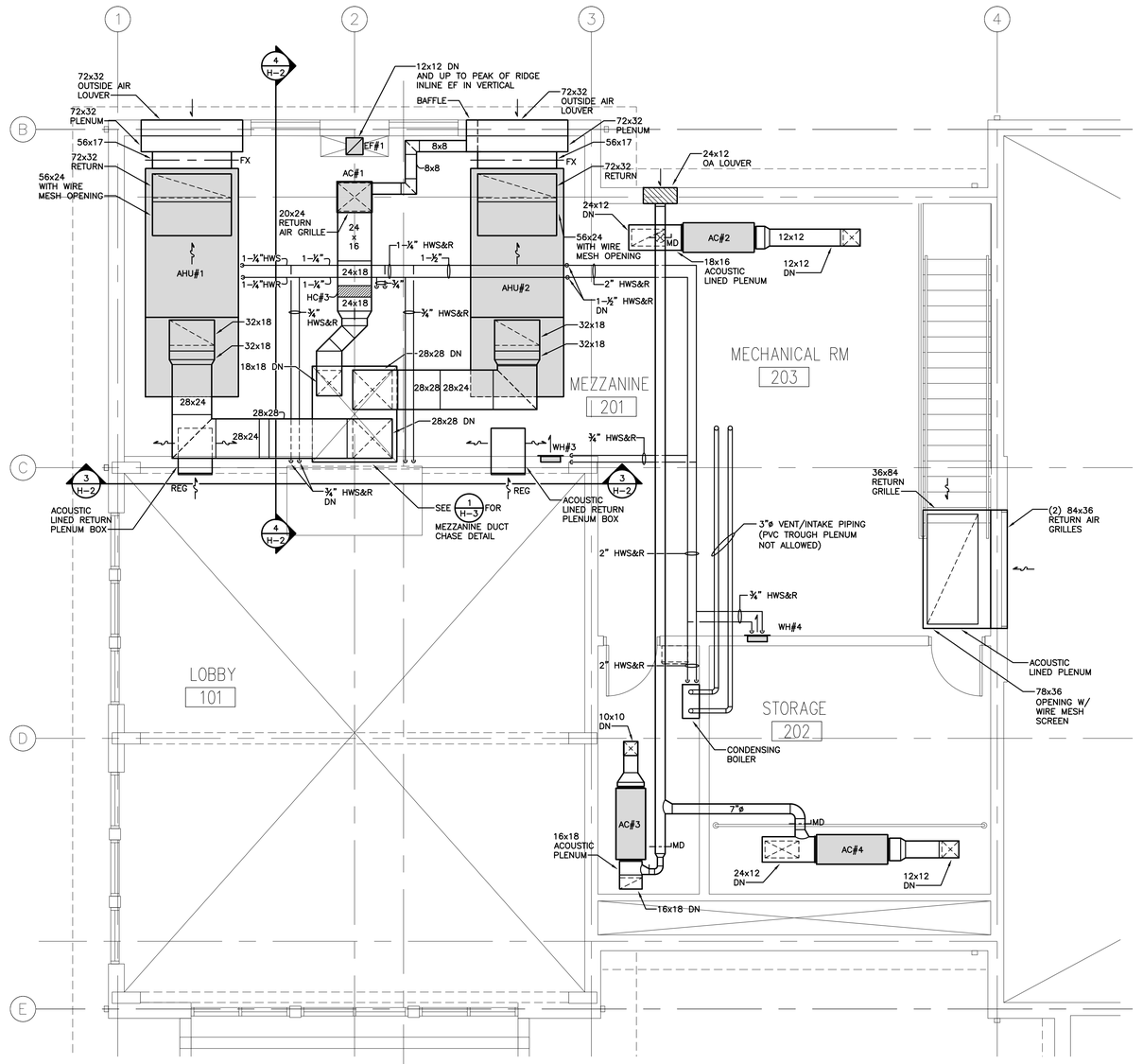


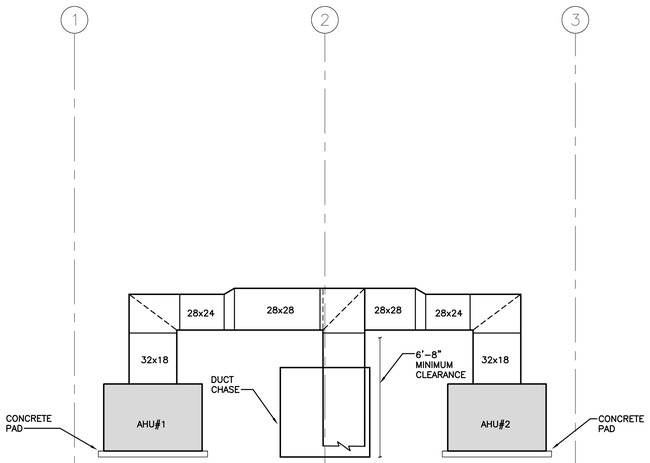
4 H-2 SECTION VIEW
SCALE: 1/4" = 1'-0"

NOTE:
ALLOW FOR 2" THICK INSULATION FOR ALL DUCTS IN CHASE.



2 H-2 DUCT CHASE – MEZZANINE LEVEL
SCALE: 1/4" = 1'-0"



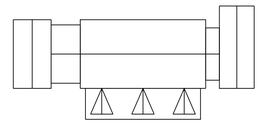


3 H-2 ELEVATION VIEW – DUCT CHASE
SCALE: 1/4" = 1'-0"

1 H-2 MEZZANINE FLOOR PART PLAN – HVAC
SCALE: 1/4" = 1'-0"
NORTH

Xref .\2135 X – Building Sections.dwg

KEY PLAN



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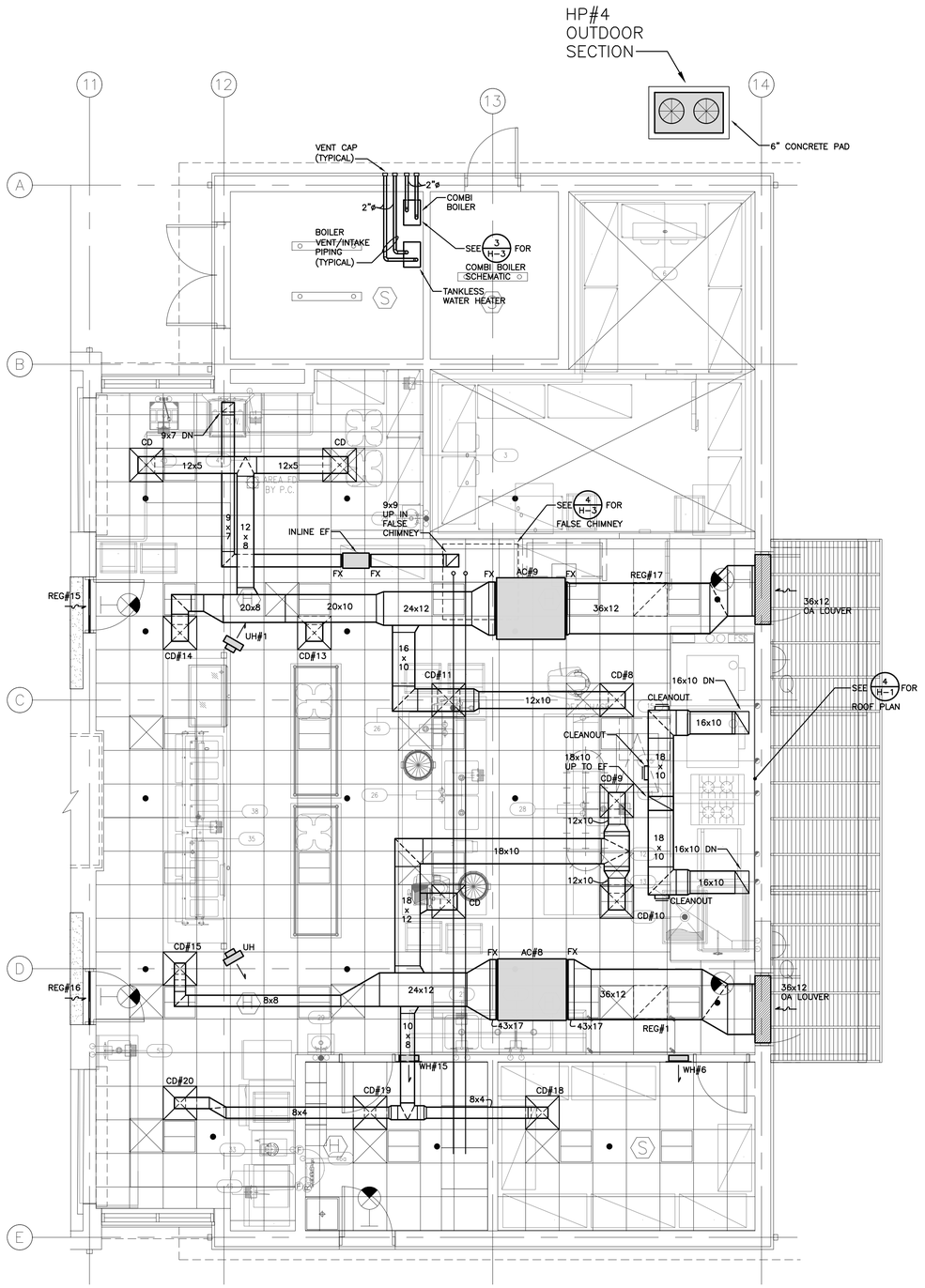
Project Title
CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title
HVAC
MEZZANINE FLOOR PART PLAN, ELEVATIONS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	H-2
CADD FILE No:	

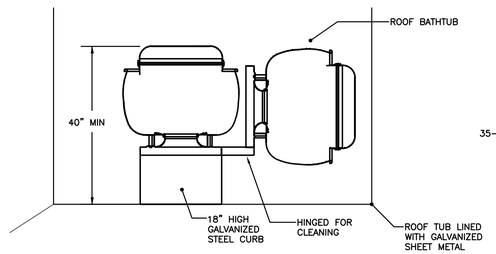
W-2005 Girl Scouts of Greater NY



5 H-3 ENLARGED KITCHEN PLAN

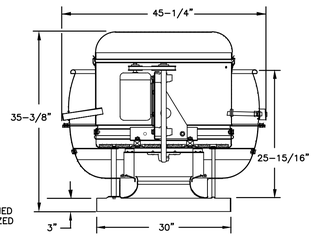
SCALE: 1/4" = 1'-0"

NORTH



1 H-3 KITCHEN EXHAUST FAN INSTALLATION DETAIL

NOT TO SCALE

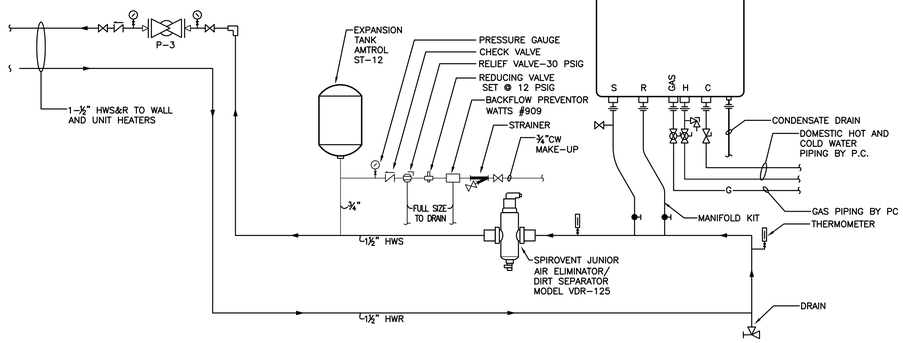


2 H-3 KITCHEN EXHAUST FAN DETAIL

NOT TO SCALE

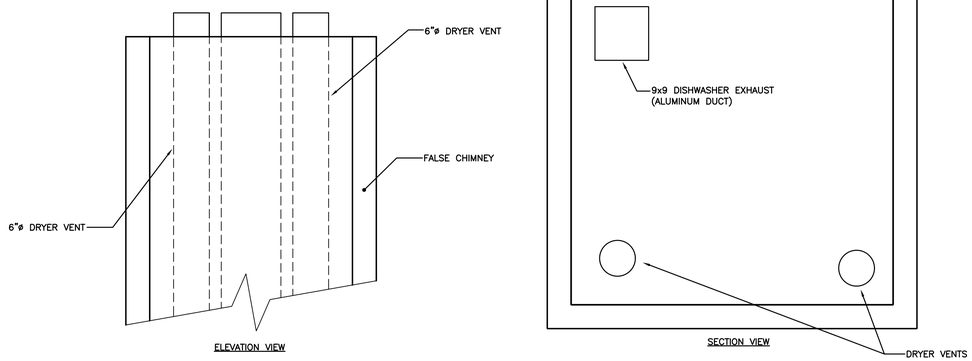
CONDENSING BOILER:

NAVIEN NFB-399C
HEATING INPUT 26,000 MINIMUM
390,000 MAXIMUM.
HEATING CAPACITY 389,000
AHRI RATING WATER 338,000
THERMAL EFFICIENCY 97.5%



3 H-3 COMBI BOILER SCHEMATIC

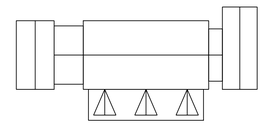
NOT TO SCALE



4 H-3 FALSE CHIMNEY FOR DRYER / D/W

SCALE: 1" = 1'-0"

KEY PLAN



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Project Title

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GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

HVAC
ENLARGED KITCHEN PLAN & DETAILS

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	H-3
CADD FILE No:	

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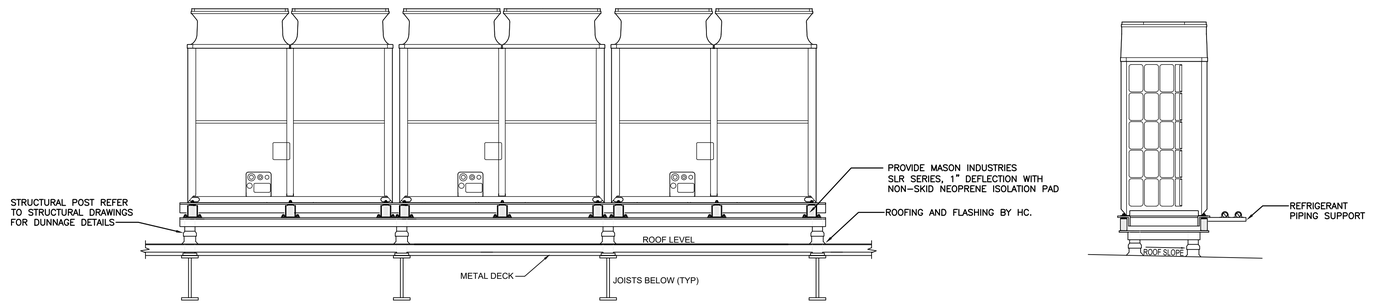
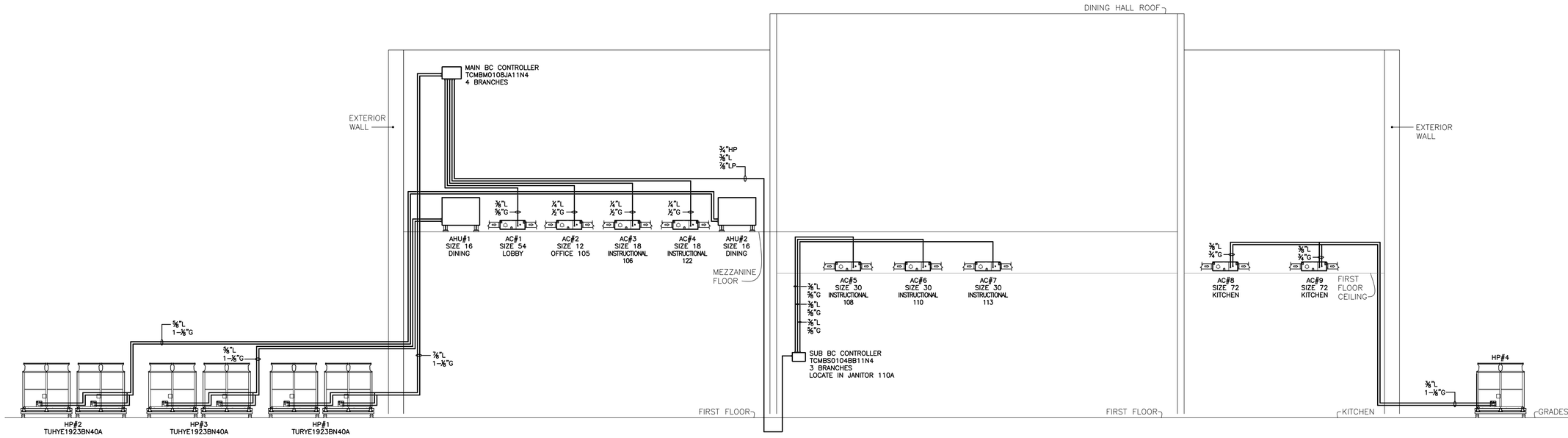


2 H-4 TYPICAL HEAT PUMP MOUNTING DETAIL

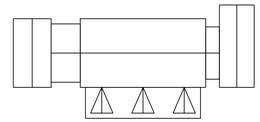
NOT TO SCALE



1 H-4 VRF PIPING SCHEMATIC

NOT TO SCALE

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

HVAC
VRF PIPING SCHEMATIC

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	H-4
CADD FILE No:	

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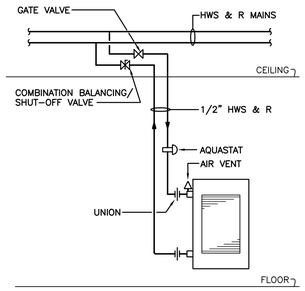
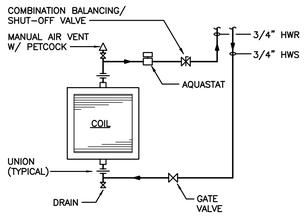


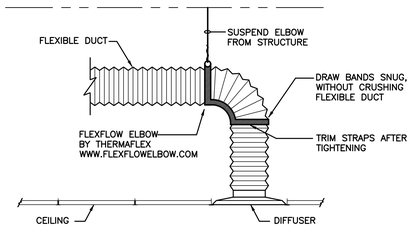
5 H-5 WALL HEATER PIPING

NOT TO SCALE



4 H-5 UNIT HEATER PIPING

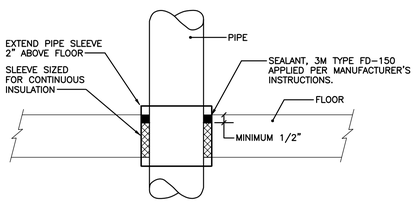
NOT TO SCALE



NOTE: INSTALL FLEXIBLE DUCTWORK SUPPORTS AT ALL ROUND NECK OUTLETS

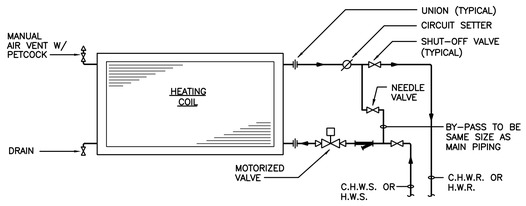
3 H-5 FLEXIBLE DUCT CONNECTION TO AIR OUTLET

NOT TO SCALE



2 H-5 FLOOR PENETRATION SEALING DIAGRAM

NOT TO SCALE



1 H-5 HEATING COIL PIPING

NOT TO SCALE

AIR HANDLING UNIT SCHEDULE

AH No.	MFR	MODEL	CFM STD. AIR MIN. OUTSIDE	CFM STD. AIR TOTAL	EXT. S.P.	TOT.* S.P.	FAN H.P.	FILTERS	COOLING COIL DATA ENT. (DB)	ENT. (WB)	SENSIBLE BTU / HR.	TOTAL BTU / HR.	FACE AREA FT.²	**G.P.M.	HEATING COIL DATA – W/ 150°F WATER ENT. AIR °F	LV. AIR °F	BTU / HR.	G.P.M.	FACE AREA FT	NOTES
AHU#1 & #2	TRANE	CSAA012	1500	6000	1.5	4.05	7.5	SEE (3)	80	67	105,000	187,000	12.11	–	75	98	149,000	10	11.25	

NOTE: 1. HORIZONTAL FLOOR MOUNTED UNIT WITH INTERNAL VIBRATION INSULATION.
2. UNIT TO HAVE FAN WITH MOTOR SUITABLE FOR VFD, COOLING/HEATING HEAT PUMP COIL, HOT WATER HEATING COIL, MIXING BOX.
3. 2" DISPOSABLE PRE FILTER, 4" MERV 13 CARTRIDGE FILTER

INDOOR HEAT PUMP UNIT SCHEDULE

AC#	MFR.	MODEL	OUTDOOR UNIT	SIZE	TYPE	CAPACITY (MBH) COOLING/HEATING	SIZE (HxWxD)	REFRIG. PIPING LIQUID/GAS	ELECTRICAL 208V/1ø MCA/MOCP (A)	CFM	OUTSIDE AIR (CFM)	ROOM	NOTES
AC#1	TRANE	TPVFYP054AM141A	HP#1	54	MULTI-POSITION AIR HANDLING UNIT	54/60	25x21-5/16x59-1/2	3/8 / 5/8	5.6 / 15	1500	100	LOBBY	
AC#2		TPVFYP012AM141A		12		12/13.5	17x21-5/16x50-1/2	1/4 / 1/2	3.0 / 15	350	30	INSTRUCTIONAL 105	
AC#3		TPVFYP018AM141A		18		18/20	17x21-5/16x50-1/4			550	150	INSTRUCTIONAL 106	
AC#4												INSTRUCTIONAL 122	
AC#5		TPVFYP030AM141A		30		30/34	21x21-5/16x54-1/4	3/8 / 5/8	4.1 / 15	900	300	INSTRUCTIONAL 108	
AC#6												INSTRUCTIONAL 110	
AC#7												INSTRUCTIONAL 113	
AC#8		TPEVFYP072MH141A	HP#4	72	CEILING CONCEALED	72/80	18-9/16x49-1/4x44-1/16	3/8 / 3/4	7.7 / 15	2000	750	KITCHEN	
AC#9												KITCHEN	

NOTE: 1. PROVIDE WITH CONDENSATE PUMPS AND WIFI THERMOSTATS.

HEAT PUMP UNIT SCHEDULE

HP No.	MFR	MODEL	EER/COP	CAPACITY (MBH) COOLING/HEATING	SIZE (HxWxD)	REFRIG. PIPING LIQUID/GAS	WEIGHT (LBS)	ELECTRICAL 208V/3P MCA/MOCP (A)	NOTE
HP#1	TRANE	TURYE1923BN40A	12.7/3.66	192/215	(2)71-5/16"x48-7/16"x29-3/16"	7/8 / 1-1/8	(2)613	31,31/45,45	TWO MODULES W/ HEAT RECOVERY
HP#2		TUHYE1923BN40A	13/3.75	192/216		5/8 / 1-1/8	(2)622		
HP#3									
HP#4		TUHYE1203AN40A	13.3/3.8	120/135		3/8 / 1-1/8	633	40/60	ONE MODULE

NOTE: 1. PROVIDE DIGITAL TOUCH SCREEN CENTRAL CONTROLLER.

HEATING COIL SCHEDULE

HEATING COIL No.	MFR.	TYPE	CFM.	AIR TEMP ENT.	AIR TEMP LVG.	TOTAL BTU/HR LOAD	GPM AT 150'	WATER TEMP. ENT.	WATER TEMP. LVG.	COIL FACE AREA FT.	NOM. HxL	DUCT CONN. SIZE	NOTES
HC#1 & #2	TRANE	HOT WATER	6000	75	98	149,000	5	150	120	11.25	30x54	UNIT MOUNTED	NOTE 1
HC#3			1500	75	98	37,300	1.5	150	120	3	24x18	24x18	NOTE 2

NOTE: 1. COIL FURNISHED WITH AIR HANDLING UNIT
2. COIL TO BE FLAWWED TYPE WITH COOPER TUBE ALUMINUM FIN

EXHAUST FAN SCHEDULE

EXHAUST FAN No.	MFR.	MODEL	C.F.M.	S.P.	H.P.	CURB TYPE	CONTROLS	NOTES
EF#1	LOREN COOK	90SQ15D	600	0,375	1/6	–	TIME CLOCK	NOTE 1
EF#2	LOREN COOK	GC-124	75	0,250	64W	–	MOTION SENSOR	NOTE 2
EF#3	LOREN COOK	90SQ12D	525	0,325	1/6	–	INTERLOCK WITH DISH WASHER	NOTE 1
EF#4	LOREN COOK	180V8B	3500	1,25	1 1/6	RCG28	HOOD CONTROLLER	NOTE 3

NOTE: 1. PROVIDE WITH VIBRATION ISOLATORS FOR SUSPENDED VERTICAL INSTALLATION, VARIABLE SPEED SWITCH MOUNTED ABOVE CEILING FOR BALANCING, WITH INLET/OUTLET COMPANION FLANGES, BACK DRAFT DAMPER, INSULATED ALUMINUM HOUSING.
2. PROVIDE WITH VIBRATION ISOLATORS FOR HORIZONTAL MOUNTING, BACK DRAFT DAMPER, VARIABLE SPEED SWITCH.
3. PROVIDE WITH GALVANIZED VENTED EXTENSION #VE-29 AUTOMATIC BELT TENSIONER, HINGED BASE, GREASE TROUGH, EXTENDED LUBE LINES, WITH PREMIUM MOTOR FOR VFD OPERATION.

CEILING DIFFUSER SCHEDULE

CEILING DIFF. No.	MFR.	MODEL	CFM.	SIZE FACE	CONNECTION	NOTES
CD#1 & #2	PRICE	APDN	250	16x16	10"ø	2-WAY CORNER THROW
CD#3	PRICE	APDN	350	24x24	10x10	2-WAY OPPOSITE THROW
CD#4&5	PRICE	APDN	350	24x24	12x12	2-WAY CORNER THROW
CD#6	PRICE	AMD	50	6x6	6x6	4-WAY THROW (2)
CD#7	PRICE	AMD	100	6x6	6x6	2-WAY OPPOSITE THROW
CD#8-#10	PRICE	APDN	500	24x24	12x12	3-WAY THROW
CD#11-#12	PRICE	APDN	300	24x24	10x10	4-WAY THROW
CD#13-#14	PRICE	APDN	400	24x24	12x12	3-WAY THROW
CD#15	PRICE	APDN	300	24x24	10x10	3-WAY THROW
CD#16-#17	PRICE	APDN	200	24x24	8x8	3-WAY THROW
CD#18	PRICE	APDN	100	24x24	6x6	2-WAY THROW
CD#19	PRICE	APDN	200	24x24	8x8	4-WAY THROW
CD#20	PRICE	APDN	100	24x24	6x6	3-WAY THROW

NOTE: 1. DIFFUSERS TO BE EXTRUDED ALUMINUM PERFORATED CONSTRUCTION FOR SURFACE MOUNTING. PROVIDE WITH VOLUME DAMPERS
2. FORMED ALUMINUM DIFFUSER WITH VOLUME DAMPER.

RETURN EXHAUST REGISTER SCHEDULE

RETURN EXH. No.	MFR.	MODEL	CFM.	SIZE	NOTES
REG#1 & #2	PRICE	635DAL	300	14X14	NOTE 1
REG#3 & #4			550	16X16	NOTE 1
REG#5			350	12X12	NOTE 1
REG#6 & #7			275	14X14	
REG#8 & #9	CONSTRUCTION SPECIALTY	2282	6,000	84X36	NOTE 2
REG#10	PRICE	ATG1	75	24X8	NOTE 3
REG#11-#13		635DAL	600	14X14	NOTE 1
REG#14 & #15		ATG1	1,250	24X24	NOTE 3
REG#16 & #17		635DAL		22X22	NOTE 1

NOTE: 1. EXTRUDED ALUMINUM LOUVER TYPE, 45° FIXED BLADES, 1/2" SPACING, BLADES PARALLEL TO LONG DIMENSION, PROVIDE CLEAR ANODIZED FINISH.
2. SIGHT PROOF 2" WIDE AIR CONDITIONING LOUVER COLOR AS SELECTED BY ARCHITECT.
3. SIGHT PROOF DOOR GRILLE POWDER COAT FINISH COLOR AS SELECTED BY ARCHITECT.

FLOOR REGISTER SCHEDULE

SUPPLY REG. No.	MFR.	MODEL	CFM.	SIZE	NOTES
FR#1-#6	PRICE	LBPH15A	250	18x6	NOTE 1 & 2
FR#7-#22	PRICE	LBPH15A	750	36x8	

NOTE: 1. BARSTOCK ALUMINUM REGISTER ANODIZED FINISH
2. PROVIDE WITH NARROW FACE FACE BORDER (125)
3. PROVIDE WITH VOLUME DAMPER.

SUPPLY REGISTER SCHEDULE

SUPPLY REG. No.	MFR.	MODEL	CFM.	SIZE	NOTES
SR#1-#6	PRICE	620DAL	450	16X8	NOTES 1&2

NOTE: 1. EXTRUDED ALUMINUM, REVERSIBLE CORE SIDE WALL SUPPLY REGISTER WITH ALUMINUM DAMPER, 1" FLAT BORDER AND DIRECTIONAL VANES, PROVIDE CLEAR ANODIZED FINISH.
2. 45° THROW.

WALL HEATER SCHEDULE (BASED ON 190°F ENTERING WATER)

WALL HTR. No.	MFR.	MODEL	PHASE	VOLTS	WATTS	BTU / HR.	G.P.M.	NOTES
WH#1-#6	SMITHS	PWU4/6	1	120	100	4,500	1	NOTE 1

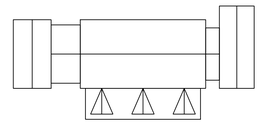
NOTE: 1. RECESSED UNIT 19½"Hx21"Wx3½"D.

UNIT HEATER SCHEDULE

UNIT HTR. No.	MFR.	MODEL	H.P.	R.P.M.	C.F.M.	BTU / HR.	G.P.M.	NOTES
UH#1 & #2	STERLING	VS-62L	1/20	1,550	1,200	20,000	2	NOTE 1

NOTE: 1. PROVIDE WITH HORIZONTAL AND VERTICAL DEFLECTION LOUVER.

KEY PLAN



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1. 06/24/2022 Issue for Bid

No. Date Revision

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

HVAC
SCHEDULES & DETAILS

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: H-5
CADD FILE No:

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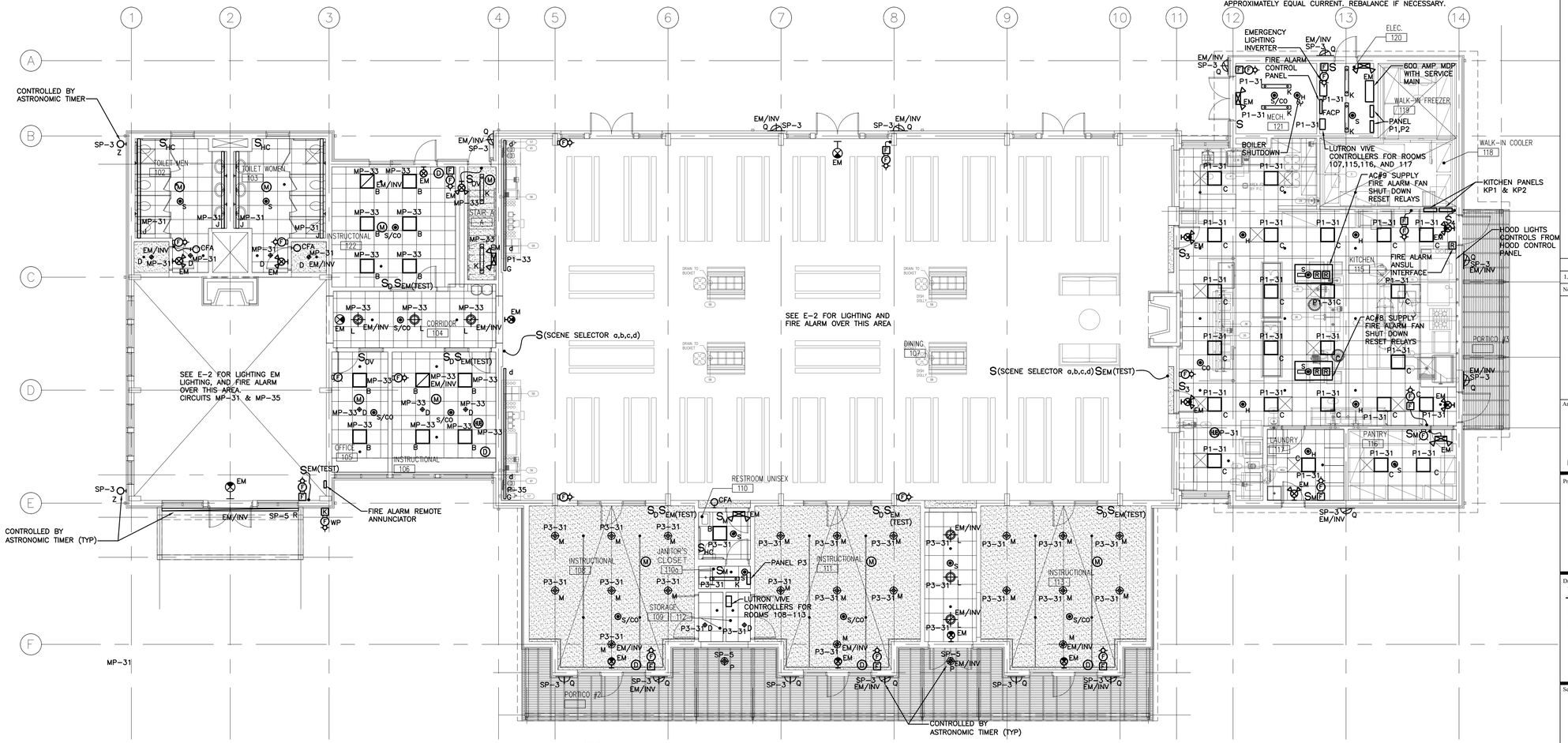
GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE STATE'S ADOPTED NFPA AND ADOPTED NEC WITH LOCAL SUPPLEMENTS. WORK PERFORMED SHALL BE UNDERTAKEN WITH PRECAUTION BEING MAINTAINED TO ENSURE SAFETY OF PERSONNEL AND EQUIPMENT IN AREA IN SUCH A MANNER SO AS NOT TO DISTURB NORMAL WORK PROCEDURE.
2. WORK SHOWN IS DIAGRAMMATIC. EXACT LOCATION OF CONDUIT RUNS SHALL BE DETERMINED IN FIELD. LOCATE NEW CONDUIT RUNS TO CLEAR EXISTING AND NEW PIPING, DUCTWORK, ACCESS DOORS AND OTHER OBSTRUCTIONS. COORDINATE CONDUIT ROUTING WITH WORK OF OTHER TRADES AND ALTER WHERE NECESSARY TO AVOID INTERFERENCE. SUBMIT FOR APPROVAL, SHOP DRAWINGS SHALL INCLUDE WIRING, PULLBOXES, JUNCTION BOXES, FITTINGS, WIRING DEVICES, CONTROL DEVICES AND DIMENSIONED CLEARANCES FROM EXISTING STRUCTURE AND EQUIPMENT. COORDINATE SHOP DRAWINGS WITH OTHER TRADES PRIOR TO SUBMITTAL.
3. PROVIDE IDENTIFICATION TAGS FOR NEW WIRING AND INSTALL AT EACH END AND IN INTERMEDIATE PULL/JUNCTION BOXES, CABINETS, HOUSINGS, ETC. INDICATE ON TAGS, LEGIBLY, MINIMUM 1/4" HIGH LETTERS, THE POINTS OF ORIGIN AND TERMINATION OF EACH CIRCUIT. INCLUDE DATE OF INSTALLATION.
4. WHEN PORTION OF AN EXISTING CIRCUIT IS TO BE REMOVED OR IS ON WALL BEING REMOVED, CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS AND/OR ADDITIONS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY OF UNCHANGED PORTION.
5. VERIFY EXACT LOCATION OF EQUIPMENT, SHOWN OR NOT SHOWN, IN FIELD PRIOR TO PERFORMING ANY WORK.
6. VERIFY IN FIELD THAT ANY EQUIPMENT AND WIRING TO BE REMOVED DOES NOT SERVE ACTIVE EQUIPMENT TO REMAIN PRIOR TO DISCONNECTING/ REMOVING.
7. INSTALL CONDUIT RUNS AS CLOSE TO CEILING DECK AS POSSIBLE. PROVIDE REQUIRED CONDULETS, ELBOWS, FITTINGS, OFFSETS, AND PULLBOXES.
8. CONDUITS SHALL BE PROPERLY SUPPORTED FROM CEILING DECK ABOVE. NO CONDUIT SHALL BE SECURED TO, SUPPORTED BY OR HUNG FROM DUCTWORK OR PIPING OR OTHER SUCH ITEMS.
9. WORK REQUIRING SHUT-DOWN OF ELECTRIC SERVICE SHALL BE PERFORMED DURING PRE-SCHEDULED SHUT-DOWN AS SCHEDULED AND APPROVED BY ARCHITECT. INCLUDE COSTS IN BID.
10. PROVIDE CUTTING AND PATCHING REQUIRED FOR ELECTRICAL INSTALLATION.
11. PROVIDE SLEEVES FOR RACEWAYS PIERCING FIRE RATED WALLS, FLOORS, AND OTHER CONSTRUCTION OBSTACLES.
12. MATERIALS REMOVED BY CONTRACTOR AND NOT REQUIRED FOR INSTALLATION SHALL BE REMOVED FROM PREMISES AND DISPOSED OF IN LEGAL MANNER, IMMEDIATELY WHEN SO DIRECTED BY ARCHITECT.
13. APPLY LABELING ON CONDUIT FOR BUILDING ALARM CIRCUITRY AT INTERVALS OF 20 FT.
14. CONDUCTORS IN PARALLEL SHALL BE INSTALLED IN STRICT ACCORDANCE WITH APPLICABLE CODES. CONDUCTORS SHALL BE OF SAME TYPE, LISTING INSULATION AND TYPE.
15. PHASING OF ELECTRICAL WORK SHALL COMPLY WITH "PHASING OF THE WORK" AS DESCRIBED BY ARCHITECT.
16. PROVIDE BLANK COVERS ON ABANDONED OR UNUSED OUTLET BOXES.
17. MAKE FINAL CONNECTIONS FOR MOTORIZED EQUIPMENT, TRANSFORMER, OR EQUIP. SUBJECT TO VIBRATION, WITH FLEXIBLE RACEWAY.
18. IF ANY DEVIATIONS/VARIATIONS ARE DISCOVERED BETWEEN FLOOR PLANS AND CONNECTION DIAGRAMS, THE CONTRACTOR SHALL PROVIDE FOR THE MOST EXPENSIVE SITUATION WITH CREDIT SUBMITTED, SHOULD THE LESSER AMOUNT BE REQUIRED.
19. WHERE THE PLANS DO NOT INDICATE THE BRANCH CIRCUIT WIRING AND CONDUIT FOR FIXTURES OR OUTLETS NOR THE CONDUIT SIZE FOR FEEDERS. PROVIDE THE CORRECT WIRING QUANTITY AND SIZE, INSTALLED IN CONDUIT, AS REQUIRED BY THE INDICATED CIRCUITRY AND THE NATIONAL ELECTRICAL CODE WITH LOCAL SUPPLEMENTS.
20. PROVIDE IDENTIFICATION ON EACH FACEPLATE, DISCONNECT SWITCH, PANEL, ETC. IDENTIFICATION OF WIRING DEVICE FACEPLATE SHALL CONSIST OF PANEL DESIGNATION AND CIRCUIT NUMBER OF DEVICE AS CONNECTED, UTILIZE BROTHER 'P-TOUCH' TYPE MATERIAL ADHERED TO FACEPLATE.
21. NEW SYSTEMS SHALL BE MADE OPERATIONAL AS SPACES ARE ACCEPTED, PROVIDE PERSONNEL, TESTING, SCHEDULING AS REQUIRED. INCLUDE COST IN BID.
22. LOCATIONS OF OUTLETS ARE APPROXIMATE AND FINAL LOCATION SHALL BE AS DIRECTED BY THE ARCHITECT. VERIFY ALL LOCATIONS BEFORE INSTALLATION. NO EXTRAS WILL BE ALLOWED FOR CHANGES UP TO 10'-0" FROM LOCATION SHOWN ON PLAN PRIOR TO ROUGH-IN.
23. REFER TO THE MECHANICAL/PLUMBING/SPECIALTY EQUIPMENT APPROVED SHOP DRAWINGS AND WIRING DIAGRAMS FOR POWER, CONTROL AND ALARM WIRING CONNECTIONS. OBTAIN NECESSARY POWER, CONTROL AND ALARM WIRING REQUIREMENTS FROM MECHANICAL/PLUMBING/SPECIALTY SUB-CONTRACTORS PRIOR TO BID AND INCLUDE IN BID. TEMPERATURE CONTROL CIRCUITRY BY EC PER SUPERVISION AND COORDINATION WITH HC.
24. CIRCUIT NUMBERS ON THE DRAWINGS ARE FOR IDENTIFICATION ONLY AND DO NOT INDICATE THE POSITION ON THE PANEL BOARD. CONNECT THE CIRCUITS WITH THE LIGHTEST LOADS AND THE RECEPTACLE CIRCUITS NEAR THE TOP OF THE PANEL AND THE MORE HEAVILY LOADED CIRCUITS NEAR THE BOTTOM. BALANCE ALL CIRCUITS EVENLY BETWEEN PHASES SO THAT FEEDER WIRES CARRY APPROXIMATELY EQUAL CURRENT. REBALANCE IF NECESSARY.

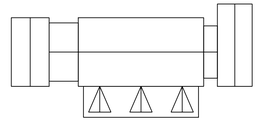


1 / E-1 FIRST FLOOR PLAN – LIGHTING

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ELECTRIC – LIGHTING

FIRST FLOOR PLAN & LIGHTING CONTROL CHART

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	E-1
CADD FILE No:	

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FIRE ALARM GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE THE SERVICES OF A LICENSED FIRE ALARM VENDOR IN BID. OBTAIN PRICE AND SCOPE PRIOR.

2. NEW FIRE ALARM EQUIPMENT SHALL INCLUDE ALL REQUIRED BATTERY BACKUP, POWER SUPPLIES, INTERFACE RELAYS AND PROGRAMMING FOR A COMPLETE INSTALLATION.

   PROVIDE;

   A. PANEL AND ALL REQUIRED HARDWARE AND PROGRAMMING.

      – NEW ADDRESSABLE FIRE ALARM PANEL WITH HORN/STROBES POWER SUPPLIES AND ASSOCIATED POWER SUPPLIES.

      – DIGITAL MODEM TO REPORT EXACT SPECIFIC NATURE OF ALARM AND TROUBLE TO CENTRAL OFFICE MONITORING SERVICE.

      – ALL REQUIRED AND INDICATED ADDRESSABLE ALARM INITIATING DEVICES

      – ALL REQUIRED AND INDICATED NOTIFICATION DEVICES

   B. ADA COMPLIANT SPEAKER STROBES WITH STROBE SYNCH MODULES.

   C. ADDRESSABLE, INTELLIGENT SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, COMBINATION SMOKE/CO DETECTORS.

   D. ADDRESSABLE, INTELLIGENT HEAT DETECTOR.

   E. ADDRESSABLE, DUAL ACTION PULL STATION.

   F. BEAM TYPE SMOKE DETECTOR

   G. LED ALARM INDICATOR

   H. REMOTE ANNUNCIATOR SHALL HAVE AN ELECTRONIC SCREEN DISPLAYING ALARM IDENTIFICATION AND STATUS AND MICROPHONE FOR ANNOUNCEMENTS AND CONTROLS FOR FAN SHUTDOWN/RESET.

   I. STI STOPPER–II CLEAR COVER WITH EMBARRASSMENT HORN FOR PULL STATION.

   J. SYNCH MODULES ON STROBES IN THE SAME ROOM OR CORRIDOR

   K. TIE INTO SPRINKLER WATER FLOW AND TAMPER.

3. ALL WIRES SHALL BE PLENUM RATED (HIGH TEMP 150°C) FIRE ALARM CABLES. SEE FIRE ALARM RACEWAY NOTES AND RISER.

4. SEE FLOOR PLANS FOR EXACT QUANTITY OF DEVICES.

5. SHOP DRAWING SUBMITTAL SHALL INCLUDE
   – FULL FLOOR PLANS INDICATING DEVICE ADDRESSES
   – SYSTEM RISER AND CONNECTION PLANS
   – DEVICE CUT SHEET AND APPLICABLE INFORMATION

6. CREATE AND FILE PLANS FOR APPROVAL WITH LOCAL FIRE MARSHALL

7. PROVIDE TESTING OF EACH INDIVIDUAL ALARM DEVICE AND DOCUMENTATION THAT EACH DEVICE REPORTS ALARMS CORRECTLY AND THE SEQUENCE OF OPERATION IS FOLLOWED AUTOMATICALLY.

8. PROVIDE FULL MONITORING OF DIESEL FIRE PUMP PER NFPA REQUIREMENTS.

NOTE:

1. ALL CONDUCTORS SHALL BE COPPER WITH 600V INSULATION. THWN OR XHHW AS INDICATED.

2. ALL CIRCUITRY SHALL BE CONCEALED.

3. ALL OVERHEAD CIRCUITRY IN AREAS WITH FINISHED CEILINGS, SHALL BE RUN BELOW ROOF IN ROOF INSULATION.

4. BRANCH CIRCUITRY SHALL BE CONCEALED MC CABLE, COPPER CONDUCTORS, THWN, CU SOLID UNLESS OTHERWISE NOTED.

5. ALL RECEPTACLES SHALL BE TAMPER RESISTANT, SHUTTER TYPE.

FIRE ALARM SEQUENCE OF OPERATION:

SPRINKLER FLOW SWITCH SPACE ACTIVATES:
- HORN/STROBES
- ANNUNCIATION AT COMMON FACP AND COMMON REMOTE ANNUNCIATOR
- SIGNAL TO CENTRAL OFFICE MONITORING
- FAN SHUTDOWN

ANY SPRINKLER TAMPER SWITCH ACTIVATES:
- ANNUNCIATION (AS SUPERVISORY) AT COMMON FACP AND COMMON REMOTE ANNUNCIATOR
- SIGNAL TO CENTRAL OFFICE MONITORING

SMOKE DETECTOR, HEAT DETECTOR OR PULL STATION ACTIVATES:
- HORN/STROBES
- ANNUNCIATION AT COMMON FACP AND COMMON REMOTE ANNUNCIATOR
- SIGNAL TO CENTRAL OFFICE MONITORING

CARBON MONOXIDE DETECTOR ACTIVATES:
- HORN/STROBES
- ANNUCIATION AT COMMON FACP AND COMMON REMOTE ANNUNCIATOR.
- SIGNAL TO CENTRAL OFFICE MONITORING.

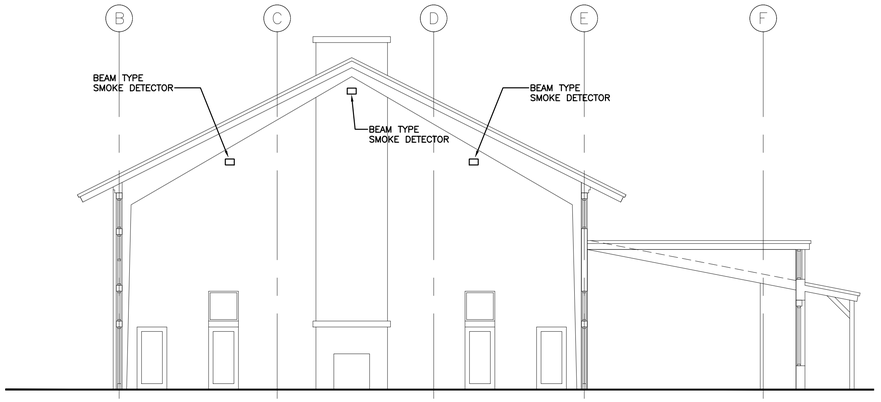
NFPA DIESEL FIRE PUMP MONITORING

NFPA 20 12.4.13
- CRITICALLY LOW OIL PRESSURE.
- HIGH ENGINE TEMPERATURE.
- FAILURE OF ENGINE TO START AUTOMATICALLY.
- SHUTDOWN FROM OVERSPEED.
- HIGH COOLING WATER TEMPERATURE.
- ECM FAILURE.

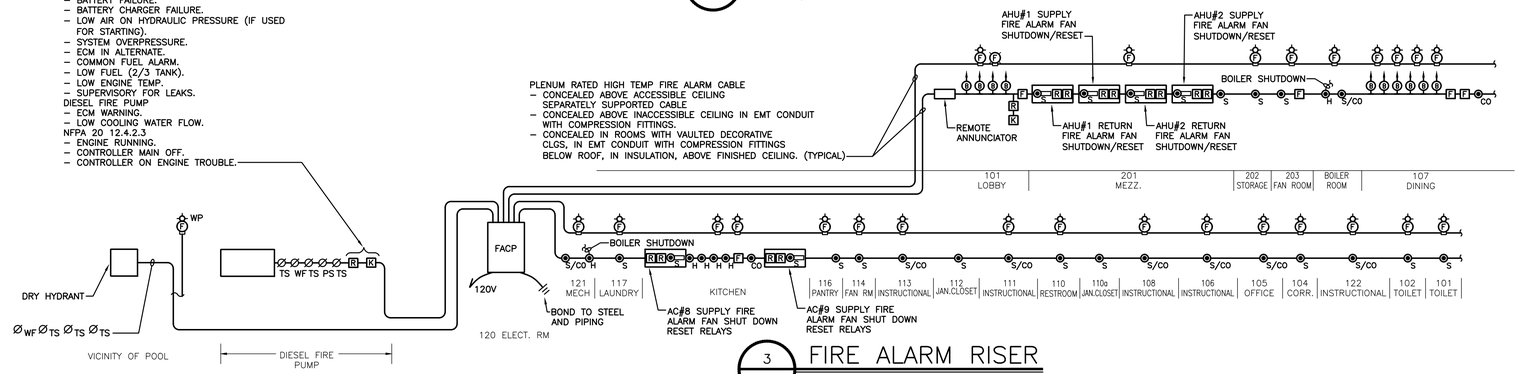
NFPA 20 12.4.1.4
- BATTERY FAILURE.
- BATTERY CHARGER FAILURE.
- LOW AIR ON HYDRAULIC PRESSURE (IF USED FOR STARTING).
- SYSTEM OVERPRESSURE.
- ECM IN ALTERNATE.
- COMMON FUEL ALARM.
- LOW FUEL (2/3 TANK).
- LOW ENGINE TEMP.
- SUPERVISORY FOR LEAKS.

DIESEL FIRE PUMP
- ECM WARNING.
- LOW COOLING WATER FLOW.

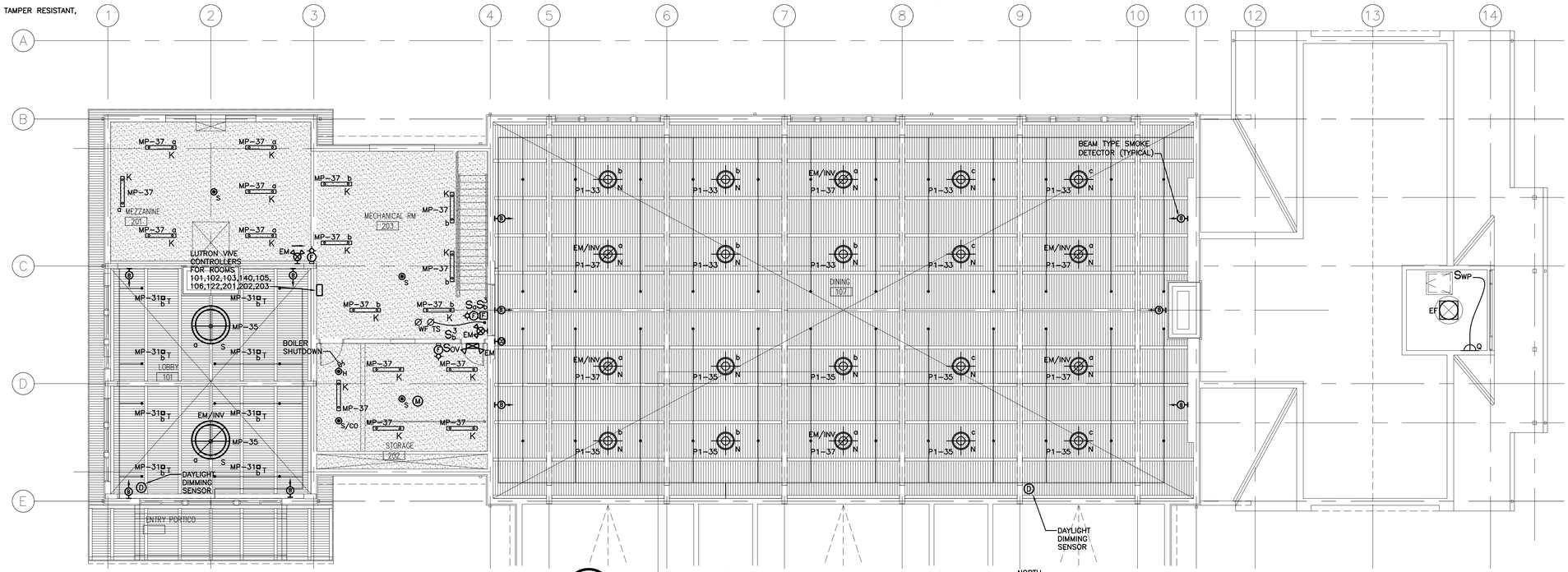
NFPA 20 12.4.2.3
- ENGINE RUNNING.
- CONTROLLER MAIN OFF.
- CONTROLLER ON ENGINE TROUBLE.



2 E-2 BEAM TYPE SMOKE DETECTOR MOUNTING DETAIL
SCALE: 1/8" = 1'–0"

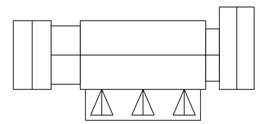


3 E-2 FIRE ALARM RISER
NOT TO SCALE



1 E-2 MEZZANINE FLOOR PLAN – LIGHTING
SCALE: 1/8" = 1'–0"
NORTH

KEY PLAN



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No.	Date	Revision
1.	06/24/2022	Issue for Bid

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ELECTRIC – LIGHTING
MEZZANINE FLOOR PLAN, FIRE ALARM RISER, NOTES & DETAIL

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	E-2
CADD FILE No:	

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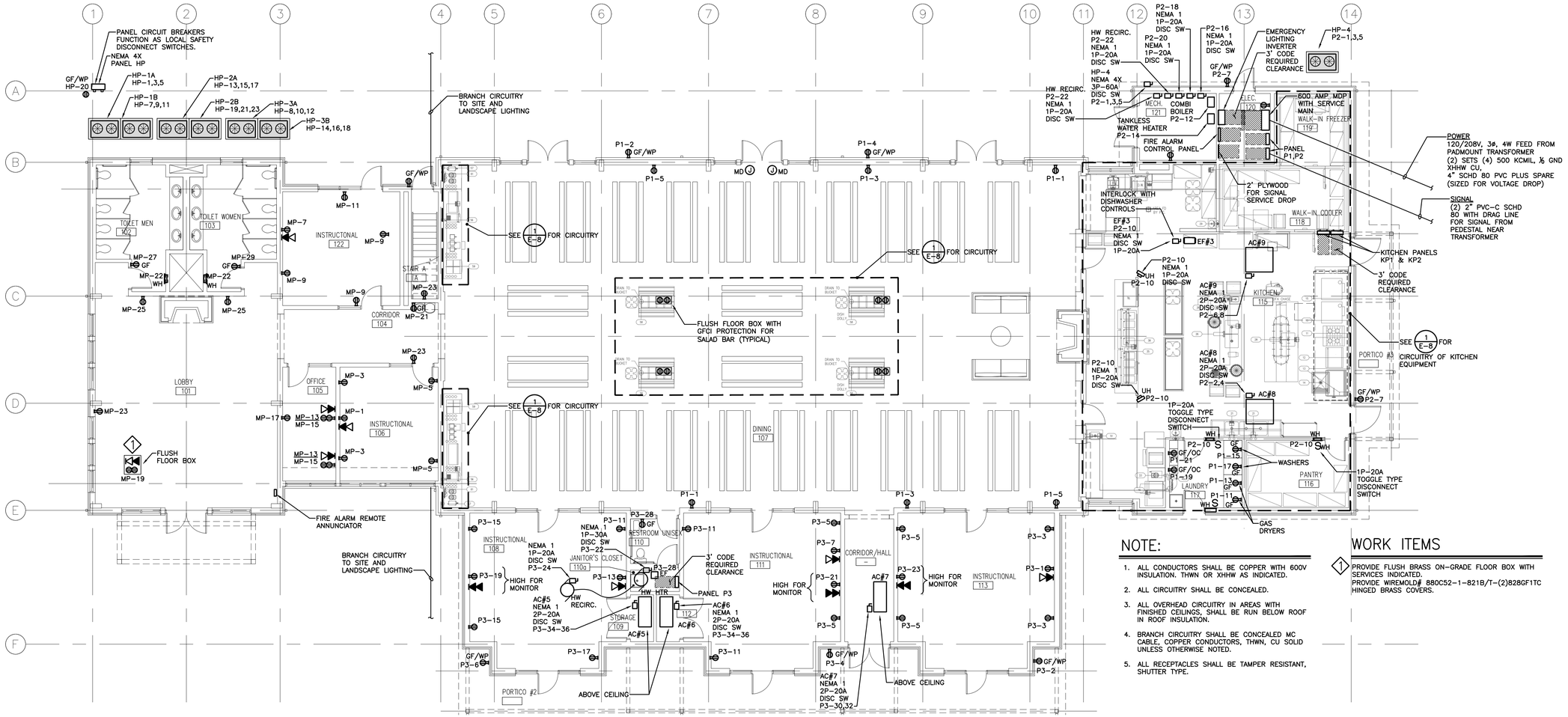


1 / E-3 FIRST FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"

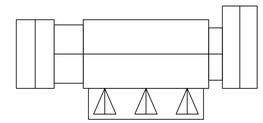
NOTE:

1. ALL CONDUCTORS SHALL BE COPPER WITH 600V INSULATION. THWN OR XHHW AS INDICATED.
2. ALL CIRCUITRY SHALL BE CONCEALED.
3. ALL OVERHEAD CIRCUITRY IN AREAS WITH FINISHED CEILINGS, SHALL BE RUN BELOW ROOF IN ROOF INSULATION.
4. BRANCH CIRCUITRY SHALL BE CONCEALED MC CABLE, COPPER CONDUCTORS, THWN, CU SOLID UNLESS OTHERWISE NOTED.
5. ALL RECEPTACLES SHALL BE TAMPER RESISTANT, SHUTTER TYPE.

WORK ITEMS

1. PROVIDE FLUSH BRASS ON-GRADE FLOOR BOX WITH SERVICES INDICATED.
   PROVIDE WIREMOLD# 880C52-1-821B/T-(2)828GF1TC HINGED BRASS COVERS.

KEY PLAN



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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ELECTRIC – POWER
FIRST FLOOR PLAN

Seal & Signature

Date:	06/21/2021
PROJECT No:	2005
DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	E-3
CADD FILE No:	

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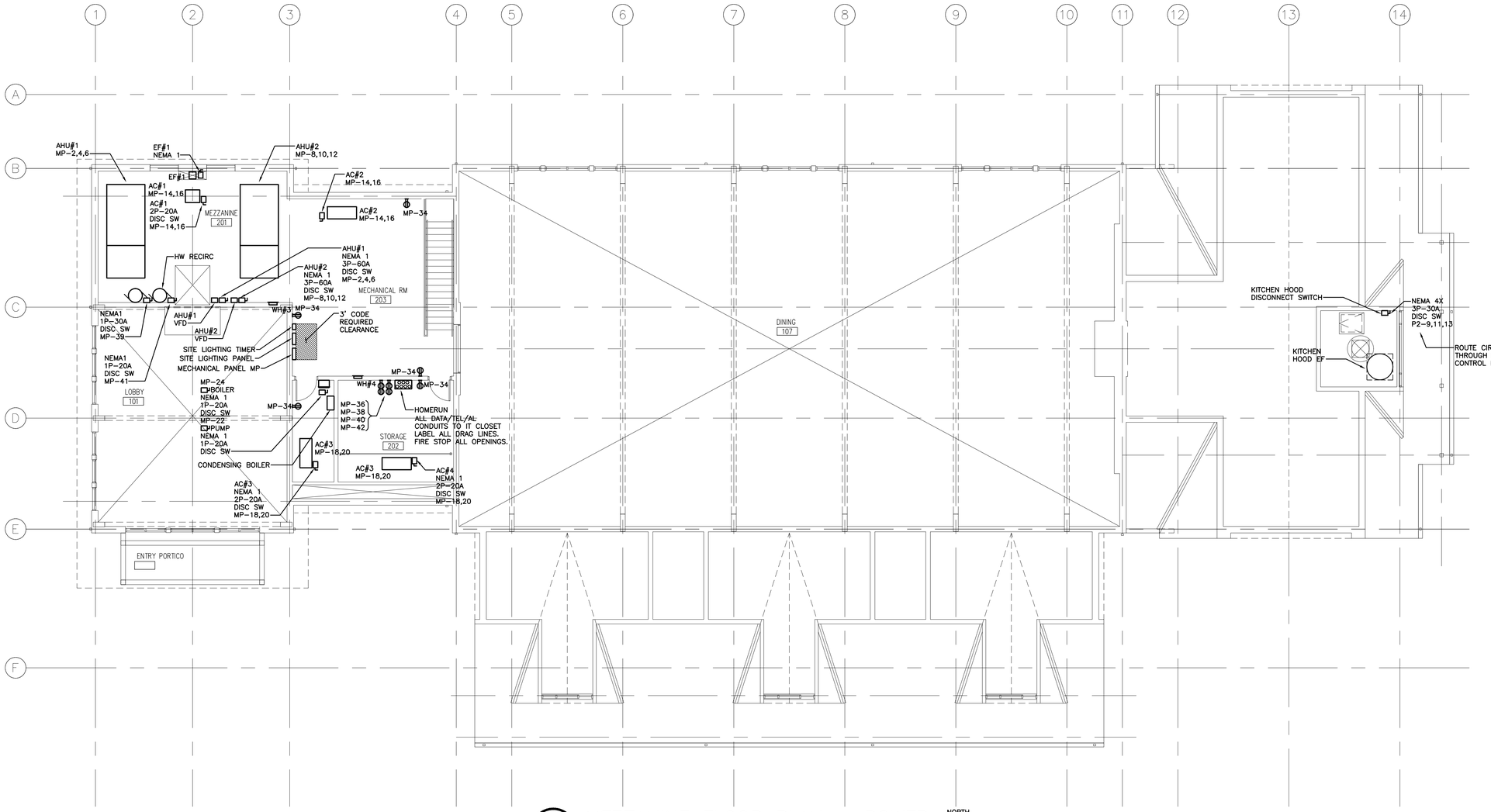
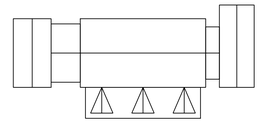


1 E-4 MEZZANINE FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



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Drawing Title

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MEZZANINE PLAN

Seal & Signature

Date: 06/21/2021
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DRAWN BY: CS, RW, MK
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DWG No:

E-4

CADD FILE No:

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LIGHTING FIXTURE SCHEDULE

FIXTURE TYPE	SYMBOL	DESCRIPTION	MFG. CATALOG NO.	LAMP DATA INFO.	VOLTAGE	MOUNTING	REMARKS
B	□	VOLUMETRIC 2x2 LED	MERCURY LIGHTING# LR302–226–3400–120–UNI	LED, 3500K, 32W, 3400LM	120V	RECESSED	– PROVIDE 120 AND 0–10V DIMMING CIRCUITRY
C	□	2x2 LED FOR KITCHEN FLAT PANEL	COLOMBIA LIGHTING# CFP–22–3335HE	LED, 3500K, 26W, 3469LM	120V	RECESSED	
D	◆	3" LED DOWLIGHT	CSL LIGHTING #ECO 3–ED3–NC–30–50–21	LED, 3000K, 21W, 1800LM	120V	RECESSED	
G	▭	LED COVE WITH REMOTE DRIVER	GM LIGHTING# LTB–8–LENGTH WITH GM LINE DRIVER 0–10V DRIVER	LED, 3500K 3W/FT, 214LM/FT	120V	RECESSED	– PROVIDE 120 AND 0–10V DIMMING CIRCUITRY – CONCEAL DRIVER IN ADJACENT UTILITY SPACE
J	▭	LED LINEAR COVE WALL MOUNT LENSED	MERCURY LIGHTING# MLS3–WMD–LENGTH–825–HTA–1–COLOR	LED, 3500K 8.5W/FT, 825LM/FT	120V	SURFACE WALL	PROVIDE RECESSED BACKBOX
K	▭	LED LENSED STRIP, UTILITY AREAS	LSI LIGHTING #SD4–40L–FL–UNV–35–80 LRI	LED, 3500K 30W, 4000LM	120V	SURFACE	
L	⊕	CORRIDOR 14" SURFACE	Y–LIGHTING #KICHLER–AVON–KCH896272	LED, 3000K, 29W, 2800LM	120V	PENDANT	
M	⊕	CLASSROOM PENDANT	TROY RLM# DM16–LED1835–SHADE FINISH–RING TGP (TEXTURED GRAPHITE)–C–W (CORD)	LED, 3500K 18W, 1311LM	120V	PENDANT	– PROVIDE SAFETY CABLE ATTACHED SEPARATELY – PROVIDE 120V AND 0–10V DIMMING CIRCUITRY
N	⊕	DINING HALL PENDANT, ACRYLIC BELL. 20" DIAM.	BEACON LIGHTING# SRT2 EDGE–LTG SRT2–120–3KB–SQW–UNV–FINISH–UD–LD9(LENGTH TBO)	LED, 3000K 80 CRI 120W, 13,000LM	120V	PENDANT CORD	– PROVIDE SAFETY CABLE ATTACHED SEPARATELY – PROVIDE 120V AND 0–10V DIMMING CIRCUITRY
P	⊕	EXTERIOR PENDANT	ANP LIGHTING #MDA24–MO1GLDOW–27K–SSC–DCC–SSC–BLC–SW–FINISH	LED, 2700K 16W, 2000LM	120V	CANOPY	– PROVIDE SAFETY CABLE ATTACHED SEPARATELY – PROVIDE FINAL EXPOSED CONNECTION IN RIGID AL CONDUIT
Q	◠	EXTERIOR EGRESS/DECORATIVE UP/DOWN	BRUCK LIGHTING #EXT–QB–30K–90–UNV–SV	LED, 3000K 9,6W, 150LM UP/150LM DOWN	120V	SURFACE WALL	PROVIDE RECESSED BACKBOX
R	▭	ENTRY LINEAR 19'–2" LENGTH	TWICE BRIGHT #TL24HO–120–930–LENGTH–MP –APLL13(EXTRUSSION) –DRIVER	LED, 3000K 4,4W/FT, 480LM/FT	240V	SURFACE	LOCATE DRIVER IN CONCEALED HEATED SPACE. PROVIDE ANGLED BLOCKING TO AIM 45°
S	⊕	DECORATIVE LOBBY PENDANT OAH–TBD	RESTORATION HARDWARE CAMINO VINTAGE CHANDELIER 63" WIDE 50" O.A.H.	(54) 4.5W E12 CANDELABRA FILAMENT CRI 90, 3000K	120V	CHANDELIER 80 LBS	– PROVIDE 120V CIRCUITRY. – PROVIDE (2) SAFETY CABLES ATTACHED SEPARATELY.
S1	●	36" SITE LIGHTING BOLLARD	KIM LIGHTING # PAVILION–PA7R–CT–DL–3–12L–010–3K7	LED, 3000K, 14W, 1000LM	120V	BOLLARD	PROVIDE FOUNDATION
T	▫	DIRECTIONAL SPOT 25° SPREAD	LUMINART #T75C1HZL	G53 LED, SPOT, 3000K SORAA # SR111–18–25D–930–03–S3 1000LM, 18.5 WATTS, 12V	120V/12V	SURFACE	PROVIDE LEADING EDGE DIMMING, COORDINATE WITH FINAL SELECTION.
Z	♿	HANDICAP PARKING EXTERIOR SCONCE	MCGRAW EDISON IMPACT ELITE–IST–T4W	LED, 3500K, 28W	120V	SURFACE	
EXIT	⊗ EM	EMERGENCY EXIT	ATLITE MARATHON SXM–S–1/2–8–RM–FINISH–ARROW	LED AS SUPPLIED	120V/6V	SURFACE	PROVIDE RECESSED BACKBOX
EMER	EM	TWO HEAD EM UTILITY SPACES	DUAL–LITE #EZ–2	LED AS SUPPLIED	120V/6V	SURFACE	PROVIDE RECESSED BACKBOX

NOTES
1. LED FIXTURES SHALL BE LM70 MINIMUM RATED, 50,000 HOURS MINIMUM.
2. SUBMIT D.O.E. LIGHTING FACT SHEET FOR ALL FIXTURES
3. PROVIDE FIXTURES WITH NECESSARY TRIM & ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
4. EXACT LOCATION OF FIXTURES SHALL BE DETERMINED BY ARCHITECTURAL REFLECTED CEILING PLAN AND APPROVED SHOP DRAWINGS. VERIFY CEILING TYPES, PRIOR TO SUBMITTING FIXTURES.
5. COLOR & FINISHES SHALL BE AS SELECTED BY ARCHITECT.

PANEL MDP (DINING HALL) TYPE I–LINE MAINS CU. 600 AMPERES
K.A.I.C MIN. RATING 65 VOLTAGE 120/208V, 3ø, 4W & GND
M.C.B. 600 (SERVICE RATED) FEEDER SEE RISER

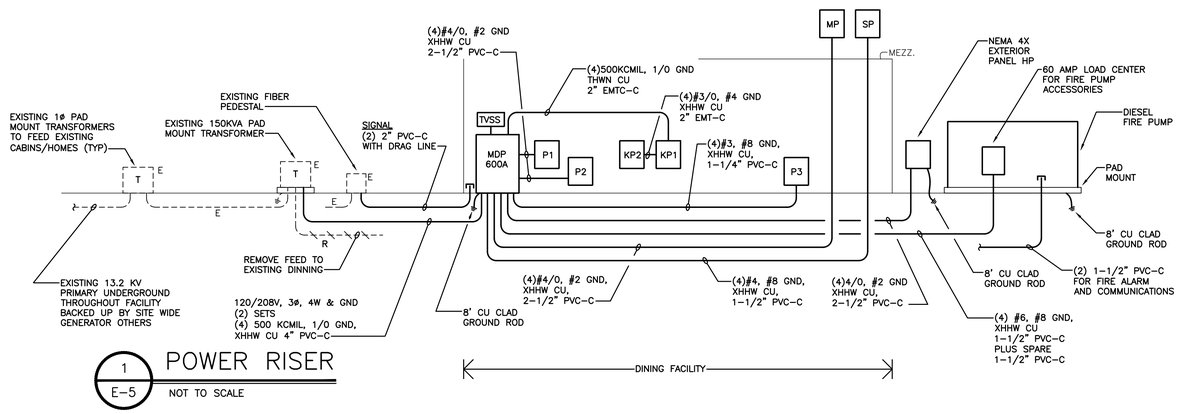
CIRCUIT	POLES	TRIP	ASSIGNMENT	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	ASSIGNMENT	TRIP	POLES	CIRCUIT
1						A						2
3	3	200	PANEL MP	SEE RISER	31KW	B		#10	TVSS UNIT LEVITON # 42120–DY3	20	3	4
5						C						6
7						A						8
9	3	400	PANEL KP1, KP2		76KW	B	15KW	SEE RISER	PANEL P1	200	3	10
11						C						12
13						A						14
15	3	100	PANEL P3		16KW	B	22KW		PANEL P2	200	3	16
17						C						18
19						A						20
21	3	60	SITE PANEL SP		3KW	B	3KW		DIESEL FIRE PUMP LOAD CENTER	60	3	22
23						C						24
25						A						26
27	3	200	PANEL HP		55KW	B			SPARE	100	3	28
29						C						30

REMARKS: 1. PROVIDE HINGED LOCKABLE COVER.
CU. GROUND BUS
CONNECTED LOAD 149 KW

PANEL SP TYPE SURFACE MAINS CU. 60 AMPERES
10 K.A.I.C MIN. RATING VOLTAGE 120/208V, 3ø, 4W & GND
M.L.O. ✓ FEEDER SEE RISER

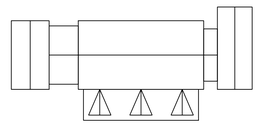
CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	BOLLARDS		#12	180W	A							2
3	1	20	EXT LTG–Q	17	#12	312W	B							4
5	1	20	EXT LTG–P,R		#12	600W	C							6
7							A							8
9							B							10
11							C							12

REMARKS: 1. PROVIDE HINGED LOCKABLE COVER.
CU. GROUND BUS
CONNECTED LOAD 3 KW



1 / E–5 POWER RISER
NOT TO SCALE

KEY PLAN



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81 CAMP ROAD
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Drawing Title
ELECTRIC – POWER
RISER, NOTES & SCHEDULES

Seal & Signature

Date: 06/21/2021
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CHK BY: NL
DWG No: E-5
CADD FILE No:

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PANEL KP1

TYPE SURFACE MAINS CU. 400 AMPERES
22 K.A.I.C MIN. RATING — VOLTAGE 120/ 208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	#1 WALK-IN	1	#12	700W	A	2.2KW	#10	1	#33 COFFEE BREWER	20	1	2
3	1	20	#1 WALK-IN	1	#12	700W	B	2KW	#10	1	#35 HOT FOOD	20	1	4
5							C							6
7	1	20	CONDENSING UNIT	1	#12	3.3KW	A	360W	#12	1	#36 SNEEZE GUARD	20	1	8
9							B	1500W	#10	1	#36A HEAT LAMPS	20	1	10
11	1	20	#3 REF. COIL	2	#12	360W	C	1500W	#10	1	#36A HEAT LAMPS	20	1	12
13							A	1200W	#10	1	#37 REF DISPLAY	20	1	14
15	3	20	#5 CONDENSING UNIT	1	#12	3.1KW	B	3KW	#10	1	#38 HOT/COLD FOOD WELL	20	2	16
17							C							18
19	2	20	#6 EVAP COIL	1	#12	2.1KW	A	2.1KW	#10	1	#46 ICE MAKER	20	2	20
21							B							22
23	1	20	#9 HOOD CONTROL	1	#12	360W	C	1.2KW	#10	1	#47 MIXER	20	2	24
25	1	20	#13 GAS SKILLET	1	#12	600W	A							26
27	1	20	#15 CONV OVER	1	#12	.96KW	B	676W	#10	1	#48 SLICER	20	1	28
29	1	20	#15 CONV OVER	1	#12	.96KW	C				SPARE	20	1	30
31	1	20	#16 FIRE SUPPRESSION	1	#12	360W	A							32
33	1	20	#26 REC	1	#10	1000W	B	11KW	#8	1	#41 DISHWASHER	40	3	34
35	1	20	#26 REC	1	#10	1000W	C							36
37	1	20	#28 REC	1	#10	180W	A							38
39	1	20	#26 REC	1	#10	180W	B	27KW	SEE RISER		PANEL KP2	200	3	40
41			SPARE				C							42

REMARKS: 1. PROVIDE WITH HINGED LOCKABLE COVER.
2. PROVIDE GFI CB FOR FOOD SERVICES 120V LOADS.

CU. GROUND BUS
CONNECTED LOAD 73 KW

PANEL P1

TYPE SURFACE MAINS CU. 200 AMPERES
10 K.A.I.C MIN. RATING — VOLTAGE 120/208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	DINING MISC REC	2	#10	1000W	A	1000W	#10	1	EXT REC	20	1	2
3	1	20	DINING MISC REC	2	#10	1000W	B	1000W	#10	1	EXT REC	20	1	4
5	1	20	DINING MISC REC	2	#10	1000W	C				SPARE	20	1	6
7	1	20	SPARE				A					20	1	8
9	1	20	SPARE				B					20	1	10
11	1	20	DRYER (GAS)	1	#10	1200W	C					20	1	12
13	1	20	DRYER (GAS)	1	#10	1200W	A					20	1	14
15	1	20	WASHER	1	#10	1200W	B					20	1	16
17	1	20	WASHER	1	#10	1200W	C					20	1	18
19	1	20	LAUNDRY REC	1	#10	1000W	A					20	1	20
21	1	20	LAUNDRY REC	1	#10	1000W	B					20	1	22
23	1	20	SPARE				C					20	1	24
25	1	20					A					20	1	26
27	1	20					B					20	1	28
29	1	20					C					20	1	30
31	1	20	LTG ROOMS 115,116,11,120,121	28	#12	844W	A					20	1	32
33	1	20	LTG ROOM 107	8	#12	900W	B					20	1	34
35	1	20	LTG ROOM 107	8	#12	900W	C					20	1	36
37	1	20	LTG ROOM 107	8	#12	720W	A					20	1	38
39	1	20	SPARE				B					20	1	40
41	1	20	SPARE				C					20	1	42

REMARKS:

CU. GROUND BUS
CONNECTED LOAD 15 KW

PANEL KP2

TYPE SURFACE MAINS CU. 200 AMPERES
FED BY 100A CB IN PANEL KP1 — 10 K.A.I.C MIN. RATING — VOLTAGE 120/ 208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	#49 FOOD PROCESSOR	1	#10	1.5KW	A	4KW	#10	1	#57 HOT WATER DISPENSER	20	2	2
3	1	20	#52 MOBIL HEATED CAB	1	#10	2.3KW	B							4
5	1	20	#53 ROLL-IN FRIDGE	1	#10	1.3KW	C	4KW	#10	1	#57 HOT WATER DISPENSER	30	2	6
7	1	20	#54 BEV COUNTER	1	#10	1200W	A							8
9	1	20	#54 BEV COUNTER	1	#10	1200W	B	1.8KW	#10	2	#58 SERVING CTR, SHIELD	20	1	10
11	1	20	#54 BEV COUNTER	1	#10	1200W	C	1.8KW		2		20	1	12
13	1	20	#54 BEV COUNTER	1	#10	1200W	A	1.8KW		2		20	1	14
15	1	20	#55, #56 DISPENSERS	2	#12	540W	B	1.8KW		2		20	1	16
17	1	20	#55, #56 DISPENSERS	2	#12	540W	C	900W	#10	2	#59 ICE DISP.	20	1	18
19	1	20	#900 CONV REC	1	#12	360W	A				SPARE	20	1	20
21	1	20	#900 CONV REC	1	#12		B					20	1	22
23	1	20	#900 CONV REC	1	#12		C					20	1	24
25	1	20	#900 CONV REC	1	#12		A					20	1	26
27	1	20	SPARE				B					20	1	28
29	1	20	SPARE				C					20	1	30
31	1	20	SPARE				A					20	1	32
33	1	20	SPARE				B					20	1	34
35	1	20	SPARE				C					20	1	36

REMARKS: 1. PROVIDE HINGED LOCKABLE COVER
2. PROVIDE GFI CB FOR FOOD SERVICES 120V LOADS.

CU. GROUND BUS
CONNECTED LOAD 27 KW

PANEL P2

TYPE SURFACE MAINS CU. 200 AMPERES
10 K.A.I.C MIN. RATING — VOLTAGE 120/208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1							A	1.6KW	#12	1	AC#8	20	2	2
3	3	60	HP-4	1	(4)#6, #8 GND, 1-1/2" PVC-C	12KW	B							4
5							C	1.6KW	#12	1	AC#9	20	2	6
7	1	20	EMT. REC	2	#10	600W	A							8
9							B	600W	#12	4	KITCHEN WH,VH,EF	20	1	10
11	3	20	KITCHEN HOOD EXHAUST #4 (ROUTE THROUGH HOOD CONTROL PANEL)	1	#12	2.6KW	C	360W	#12	1	COMBI BOILER	20	1	12
13							A	360W	#12	1	THANKLESS WH	20	1	14
15	1	20	SPARE				B	360W	#12	1	PUMP	20	1	16
17	1	20					C	360W	#12	1	PUMP	20	1	18
19	1	20					A	360W	#12	1	RECIRC PUMP	20	1	20
21	1	20					B				HW RECIRC	20	1	22
23	1	20					C				SPARE	20	1	24
25	1	20					A					20	1	26
27	1	20					B					20	1	28
29	1	20					C					20	1	30
31	1	20					A					20	1	32
33	1	20					B					20	1	34
35	1	20					C					20	1	36

REMARKS:

CU. GROUND BUS
CONNECTED LOAD 22 KW

PANEL MP

TYPE SURFACE MAINS CU. 200 AMPERES
22 K.A.I.C MIN. RATING — VOLTAGE 120/208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	INSTRUCTION 106 REC	2	#12	600W	A	9KW 7.5HP	#8	1	AHU#1	40	3	2
3	1	20	INSTRUCTION 106 REC	2			B							4
5	1	20	INSTRUCTION 106 REC	2			C							6
7	1	20	INSTRUCTION 122 REC	2			A	9KW 7.5HP	#8	1	AHU#2	40	3	8
9	1	20	INSTRUCTION 122 REC	2			B							10
11	1	20	INSTRUCTION 122 REC	2			C							12
13	1	20	OFFICE 105 REC	1	#12	600W	A	1.8KW	#10	2	AHU#1, AHU#2	20	2	14
15	1	20	OFFICE 105 REC	2	#12	600W	B							16
17	1	20	OFFICE 105 REC	2	#12	600W	C	1.9KW	#10	2	AHU#2,#3,#4	20	2	18
19	1	20	FLOOR BOX	2	#12	600W	A							20
21	1	20	EWC	1	#12	600W	B	180W	#12	1	PUMP	20	1	22
23	1	20	LOBBY REC				C	180W	#12	1	BOILER	20	1	24
25	1	20	LOBBY REC				A				SPARE	20	1	26
27	1	20	TOILET RM	1	#12	180W	B					20	1	28
29	1	20	TOILET RM	1	#12	180W	C					20	1	30
31	1	20	LTG ROOMS 101,102 AND 103	16	#12	640W	A					20	1	32
33	1	20	LTG ROOMS 104,105,106,122 AND STAIR A	20	#12	790W	B	180W	#12	4	CONV. REC	20	1	34
35	1	20	LTG ROOMS 101	2	#12	486W	C	600W	#12		IT. REC	20	1	36
37	1	20	LTG ROOMS 201,202, AND 203	17	#12	510W	A				IT. REC			38
39	1	30	WTR HTR	1	#10	2500W	B				IT. REC			40
41	1	20	HW RECIRC PUMP	1	#12	360W	C				IT. REC			42

REMARKS:

CU. GROUND BUS
CONNECTED LOAD 31 KW

PANEL P3

TYPE SURFACE MAINS CU. 100 AMPERES
10 K.A.I.C MIN. RATING — VOLTAGE 120/208V, 3ø, 4W & GND
M.L.O. ✓ — FEEDER SEE RISER

CIRCUIT	POLES	TRIP	ASSIGNMENT	OUTLETS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	LOAD WATTS	PHASE	LOAD WATTS	AC OR MC CABLE MIN. #12 GA. THHN CU. WIRE	OUTLETS	ASSIGNMENT	TRIP	POLES	CIRCUIT
1	1	20	INSTRUCTION 113 REC	2	#12	600W	A	1000W	#10	1	EXT REC	20	1	2
3	1	20	INSTRUCTION 113 REC	2			B		#10	1		20	1	4
5	1	20	INSTRUCTION 113 REC	2			C		#10	1		20	1	6
7	1	20	INSTRUCTION 111 REC	2			A				SPARE	20	1	8
9	1	20	INSTRUCTION 111 REC	2			B							10
11	1	20	INSTRUCTION 111 REC	2			C							12
13	1	20	INSTRUCTION 108 REC	2			A							14
15	1	20	INSTRUCTION 108 REC	2			B							16
17	1	20	INSTRUCTION 108 REC	2			C							18
19	1	20	MONITOR 108 REC	1	#10	800W	A							20
21	1	20	MONITOR 111 REC	1	#10		B							22
23	1	20	MONITOR 113 REC	1	#10		C	360W	#10	1	HW & HTR	30	1	24
25	1	20	SPARE				A	360W	#12	1	HW & RECIRC PUMP	20	1	26
27	1	20					B	1000W	#12	2	RESTROOM GFI/EF	20	1	28
29	1	20					C	900W	#12	1	AC#1	20	2	30
31	1	20	LTG ROOMS 08,109,110,100a,111,112,113	28	#12	577W	A							32
33	1	20	SPARE				B	1800W	#12	2	AC#5, AC#6	20	2	34
35	1	20	SPARE				C							36

REMARKS:

CU. GROUND BUS
CONNECTED LOAD 16 KW

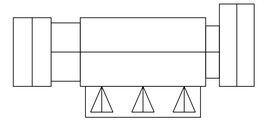
ELECTRIC LEGEND

SYMBOL	DESCRIPTION &/OR SPECIFICATION
	LIGHT FIXTURE & OUTLET
	PENDANT TYPE LIGHTING FIXTURE & OUTLET
	BRACKET OUTLET & FIXTURE
	EXIT LIGHTS WITH OUTLETS- BACK MT'D, CEILING & DIRECTIONAL TYPE
(A)	A=TYPE LIGHTING FIXTURE AS DESCRIBED IN LIGHTING FIXTURE SCHEDULE
S	SINGLE POLE 20A, TOGGLE SWITCH, LEVITON DECORA STYLE
S_3	THREE-WAY 20A, TOGGLE SWITCH, LEVITON DECORA STYLE
S_M	MOTION SENSOR SWITCH. DETECTOR SENIOR SWITCH BRAND MODEL # WSD-PDT-2P
S_{IN}	LIGHTING CONTROL OVERRIDE SWITCH. SEE LIGHTING CONTROL CHART
S_D	DIMMING SWITCH, RAISE, LOWER, ON OFF TO MATCH LOADS. SEE LIGHTING CONTROL CHART
S_{EM}	EM TEST/SWITCH/RELAY FOR LOCAL EM/INVERTER LIGHTING. SEE LIGHTING CONTROL CHART
S_{HC} | D_{DA}	HANDICAP CALL FOR AID EDWARDS SIGNAL #6538-G5-KIT USE CLEAN LENS
	CONDUIT RUN CONCEALED IN CEILINGS &/OR HUNG CEILING &/OR WALLS
,	POWER DISTR. PANEL, LIGHTING PANEL, & RECEPTACLE PANEL
F	MANUAL FIRE ALARM STATION
R	FIRE ALARM ADDRESSABLE CONTROL MODULE
F	FIRE ALARM SIGNAL SPEAKER/STROBE
F	FIRE ALARM SIGNAL STROBE
CO	CARBON MONOXIDE DETECTOR WITH SOUNDING BASE MONITORED BY FIRE ALARM SYSTEM.
H	HEAT DETECTOR 135'F FIXED TEMP.
S	CEILING SMOKE DETECTOR PHOTO ELECTRIC TYPE
	DUPLEX RECEPTACLE, 20A, 125V, CHILD TAMPER RESISTANT, LEVITON # T5825-COLOR
	SPECIAL PURPOSE, 250V RECEPTACLE
GF	GROUND FAULT RECEPTACLE UNIT-CHILD TAMPER RESISTANT LEVITON # GFWT2-65362-WT-COLOR
J	JUNCTION BOX E.C. TO MAKE ALL REQUIRED CONN. TO DESIGNATED EQUIPMENT
	FUSED DISCONNECT SWITCH- SIZE PER INTENDED USE. UNFUSED WHERE NOT REQUIRED ALL H.D. TYPE EXCEPT NEMA-3R EXTERIOR USE
1	MOTOR- NUMBER DENOTES HORSEPOWER
T	THERMOSTAT — PROVIDED BY H.C. INSTALLED AND WIRED BY E.C.
D, V	MOTOR OPERATED DAMPER / MOTOR OPERATED VALVE — PROVIDED BY H.C. INSTALLED AND WIRED BY E.C.
	DATA OUTLET WITH 1" C.O. TO SIGNAL DROP IN CELLAR
	TEL OUTLET WITH 1" C.O. TO SIGNAL DROP IN CELLAR
M	CEILING MOTION DETECTOR. SENSOR SWITCH BRAND, CMR-PDT-2P, LOW VOLTAGE WITH PP-20 RELAYS (SEE CHART WHERE DIFFERENT)
TV	TV OUTLET WITH 1" C.O.
	BEAM TYPE SMOKE DETECTOR
	DAYLIGHT DIMMING SENSOR. SEE LIGHTING CONTROL CHART
	PHOTOCELL FOR LIGHTING TIMER

ABBREVIATIONS

E.C.	ELECTRICAL CONTRACTOR	CU	COPPER
H.C.	HEATING CONTRACTOR	WP	WEATHER PROOF
E.F.	EXHAUST FAN	GRD.	GROUND
LP	LIGHTING PANEL	CB	CIRCUIT BREAKER
PP	POWER PANEL	GF	GROUND FAULT
C.O.	CONDUIT ONLY	DISC.	DISCONNECT
A.F.F.	ABOVE FINISHED FLOOR	FACP	FIRE ALARM CONTROL PANEL
N.T.S.	NOT TO SCALE	MD	MOTORIZED DAMPER
NEC	NATIONAL ELECTRIC CODE (LATEST)	MV	MOTORIZED VALVE
S/N	SOLID NEUTRAL	CC	CLEAR COVER
HD	HEAVY DUTY	WG	WIRE GUARD
R	REMOVE EXISTING	A/V	AUDIO VISUAL
E	REMOVE EXISTING		

KEY PLAN



N.T.S.

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK

81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ELECTRIC - POWER

LEGEND, ABBREVIATION & SCHEDULES

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No:

E-6

CADD FILE No:

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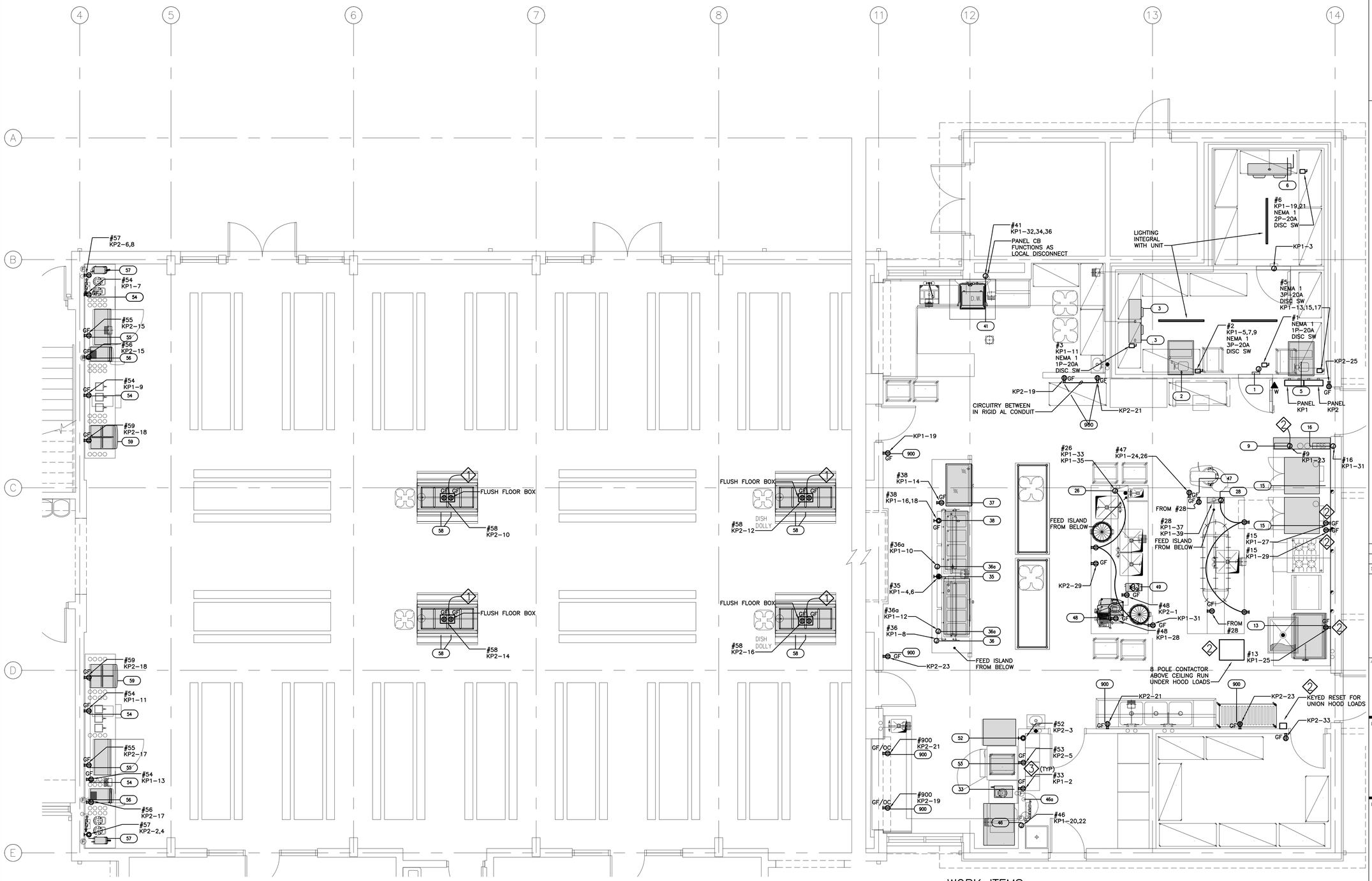


1 / E-8 KITCHEN PLAN – ELECTRICAL

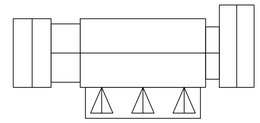
SCALE: 1/4" = 1'-0"

NORTH

WORK ITEMS

1. PROVIDE FLUSH BRASS ON-GRADE FLOOR BOX WITH SERVICES INDICATED. PROVIDE WIREMOLD# 880C52-1-821B/T-(2)828GF1TC HINGED BRASS COVERS.
2. PROVIDE 8' POLE CONTACTOR TO INTERRUPT POWER TO 120V LOADS UNDER HOOD UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. PROVIDE KEYED RESET.
3. PROVIDE GFI CB FOR ALL FOOD SERVICE LOADS WITH GF INDICATED EXCEPT FOR #900 CONV REC.

KEY PLAN



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ELECTRIC
KITCHEN PLAN

Seal & Signature

Date:	06/21/2021
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DRAWN BY:	CS, RW, MK
CHK BY:	NL
DWG No:	E-8
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

ROOM		ZONE	MANUAL ON/OFF SWITCHING	MANUAL DIMMING	SCENE SELECTOR CONTROL	OCCUPANCY SENSOR	VACANCY SENSOR	DAYLIGHT DIMMING	TIMER OFF (INTERLOCK)	ASTRONOMIC TIMER ON/OFF	WALL OCC SENSOR (SMALL RM)	EM/INV BACKUP/ TEST SWITCH	ZONE WATTS	PANEL CIRCUITRY NUMBER	EQUIPMENT	CIRCUITRY
101	LOBBY	a		X				X				X	486W	MP-35	-RMJS-PNE-DV-EM -RMJS-PNE-DV -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH	(2)#12, #12 GND, THWN CU, MC CABLE , PLUS 0-10V CIRCUITRY
101	LOBBY	b		X				X				X	148W	MP-31	-RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH	(2)#12, #12 GND, THWN CU, MC CABLE , PLUS 0-10V CIRCUITRY
102	TOILET					X							246W	MP-31	-RMJS-16R-DV-B -PJ2-2B-GWH-XXX -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
103	TOILET					X							246W	MP-31	-RMJS-16R-DV-B -PJ2-2B-GWH-XXX -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
104	CORRIDOR					X						X	87W	MP-33	-RMJS-16R-DV-B -RMJS-16R-DV-B-EM -PJ2-2B-GWH-XXX -LRF2-OCR2B-P-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE
105	OFFICE						X					X	105W	MP-33	-RMJS-16R-DV-B -RMJS-16R-DV-B-EM -PJ2-2B-GWH-XXX -LRF2-OCR2B-P-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE
106	INSTRUCTIONAL			X			X	X				X	202W	MP-33	-RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -LRF2-OCR2B-P-WH -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
107	DINING	a		X								X	720W	P1-37	-RMJS-8TN-DV-B -RMJS-8TN-DV-B-EM -PJ2-2B-GWH-XXX -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
107	DINING	b		X									840W	P1-33 & P1-35	-RMJS-8TN-DV-B -PJ2-2BRL-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
107	DINING	c		X				X					840W	P1-33 & P1-35	-RMJS-8TN-DV-B -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
107	DINING	d		X				X					108W	P1-33 & P1-35	-RMJS-8TN-DV-B -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
108	INSTRUCTIONAL			X			X	X				X	126W	P3-31	-LRF2-VCR2B-P-WH -RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
110	RESTROOM UNISEX										X		40W	P3-31	-MRF25-8SS-WH -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
110a	JAN CLOSET										X		30W	P3-31	-MRF25-8SS-WH -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
111	INSTRUCTIONAL			X			X	X				X	126W	P3-31	-LRF2-VCR2B-P-WH -RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
113	INSTRUCTIONAL			X			X	X				X	126W	P3-31	-LRF2-VCR2B-P-WH -RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
115	KITCHEN		X										546W	P3-31	-PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE
116	PANTRY										X		52W	P3-31	-MRF25-8SS-WH -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
117	LAUNDRY										X		26W	P3-31	-MRF25-8SS-WH -LRF2-OCR2B-P-WH	(2)#12, #12 GND, THWN CU, MC CABLE
120	ELEC		X										60W	P3-31	-PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE
121	MECH		X										60W	P3-31	-PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE
122	INSTRUCTIONAL			X			X	X				X	240W	MP-33	-LRF2-VCR2B-P-WH -RMJS-8TN-DV-B -RMJS-8T-DV-B-EM -PJ2-2BRL-GWH-XXX -LRF2-DCRB-WH -WITH EMERGENCY RELAY AND EMERGENCY TEST SWITCH.	(2)#12, #12 GND, THWN CU, MC CABLE, PLUS 0-10V CIRCUITRY
	BUILDING EGRESS LIGHTING								X			X	312W	SP-3	-RMJS-16R-DV-8 -PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE
	SITE LIGHTING								X				600W	SP-5	-RMJS-16R-DV-8 -PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE
	SITE LIGHTING								X				180W	SP-1	-RMJS-16R-DV-8 -PJ2-2B-GWH-XXX	(2)#12, #12 GND, THWN CU, MC CABLE

ELECTRICAL EQUIPMENT SCHEDULE

ITEM NO	QTY	ITEM NAME	VOLTAGE	PHASE	AMPS	CYCLE	HP	KW	CONN AFF	CONN TYPE	NEMA
1	1	WALK IN COOLER/FREEZER	120	1	5	60		0.6	DFA	DIRECT	
	1	FREEZER SECT.	120	1	5	60		0.6	DFA	DIRECT	
2	1	CONDENSING UNIT, AIR COOLED	208	3	9.3	60	2.0	3.3	DFA	DIRECT	
3	1	REFRIGERATION COIL, MED TEMP	120	1	1.5	60		0.2	DFA	DIRECT	
5	1	CONDENSING UNIT, AIR COOLED	208	3	8.6	60	2.0	3.1	DFA	DIRECT	
6	1	EVAPORATOR COIL, LOW TEMPERATURE	208	1	9.8	60		2.1	DFA	DIRECT	
	1		120	1	10	60		1.2	DFA	CORD & PLUG	5-15P
9	1	EXHAUST HOOD W/UTILITY CABINET	120	1	10	60		1.2	DFA	DIRECT	
13	1	TILTING SKILLET BRAISING PAN, GAS	120	1	1.8	60		0.22	24"	CORD & PLUG	5-15P
15	2	CONVECTION OVEN, DOUBLE, GAS	115	1	8.0	60	3/4	0.96	36	CORD & PLUG	5-15P
	2		115	1	8.0	60	3/4	0.96	48	CORD & PLUG	5-15P
16	1	FIRE SUPPRESSION SYSTEM	120	1	20	60		0.2	DFA	DIRECT	
26	1	TABLE WITH SINKS, U/CHASE, O. SHELF	2)120	1	10 EA	60		2.4	DFA	DIRECT	
28	1	TABLE W/SINK	2) 120	1	10 EA	60		2.4	DFA	DIRECT	
33	1	COFFEE BREWER	120	1	18.1	60		2.2	48"	CORD & PLUG	5-20P
35	1	HOT FOOD WELL UNIT, DROP-IN, ELECTRIC	208	1	9.6	60		2	24"	CORD & PLUG	6-15P
36	1	SNEEZE GUARD W/LED LIGHTS, STATIONARY	120	1	2			0.24	18"	DIRECT	
36A	2	HEAT LAMP	120	1	12.5	60		3.0	18"	DIRECT	
37	1	REFRIGERATED DISPLAY CASE, SLIDE IN COUNTER	115	1	9.1	60	1/2	1.1	18"	CORD & PLUG	5-15P
38	1	HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC	120/208	1	14.4	60		3	18"	CORD & PLUG	14-20P
41	1	DISHWASHER, DOOR TYPE	208	3	40	60		11	60"	DIRECT	
46	1	ICE MAKER, CUBE-STYLE	208-230	1	9.9	60		2.1	60"	DIRECT	
46A	1	WATER FILTER									
47	1	MIXER, 30 QT	208	1	5.7			1.2	60"	CORD & PLUG	6-15P
48	1	SLICER, ELECTRIC	120	1	5.6	60	1/2	0.67	48"	CORD & PLUG	
49	1	FOOD PROCESSOR, COUNTERTOP	115	1	12.5	60	3/4	1.5		CORD & PLUG	5-15P
52	1	MOBILE HEATED CABINET	120	1	19.1	60		2.292	6'-0"	CORD & PLUG	5-20P
53	1	ROLL-IN REFRIGERATOR	120	1	10.6	60	1/3	1.3	7'-0"	CORD & PLUG	5-15P
54	2	COUNTER, BEVERAGE	2) 120	1	10	60		2.4	48"		5-15P
55	2	MILK DISPENSER	115	1	1.9	60	1/6	.48	48"	CORD & PLUG	5-15P
56	2	JUICE DISPENSER	120	1	6	60		1.4	48"	CORD & PLUG	5-15P
57	2	HOT WATER DISPENSER	208	1	19.5	60		4.05	48"		
58	4	SERVING COUNTER W/FOOD SHIELD, SALAD	120	1	7.8	60	1/3	1.8	@ FLOOR	CORD & PLUG	5-15P
	4	FOOD SHIELD SECT.	120	1	1	60		0.2			
59	2	ICE DISPENSER, COUNTER TOP	115	1	4	60		.96		CORD & PLUG	5-15P

SPECIALTY OUTLET SCHEDULE

ITEM NO	QTY	CATEGORY	VOLTAGE	PHASE	AMPS	CYCLE	KW	CONN TYPE	NEMA
900	11	DUPLEX CONVENIENCE OUTLET	120	1	15	60	2 TOTAL	RECEPTACLE	5-20P

ELECTRICAL EQUIPMENT SCHEDULE

REMARKS (REFER TO KA-3)	PANEL CB#	CIRCUITRY	ITEM NO
E1	KP1-1	(2)#12, #12 GND TWHN CU, MC CABLE	1
E1	KP1-3	(2)#12, #12 GND TWHN CU, MC CABLE	
E8	KP1-5,7,9	(4)#10, #12 GND TWHN CU, MC CABLE	2
	KP1-11	(2)#12, #12 GND TWHN CU, MC CABLE	3
E8	KP1-13,15,17	(4)#10, #12 GND TWHN CU, MC CABLE	5
E3	KP1-19,21	(3)#10, #12 GND TWHN CU, MC CABLE	6
GFI OUTLET, HEAT TRACE DRAIN LINE, E4		(2)#12, #12 GND TWHN CU, MC CABLE	
E16, E20, E27	KP1-23	(2)#10, #12 GND TWHN CU, MC CABLE	9
	KP1-25	(2)#12, #12 GND TWHN CU, MC CABLE	13
TOP OVEN	KP1-27	(2)#10, #12 GND TWHN CU, MC CABLE	15
BOTTOM OVEN		(2)#10, #12 GND TWHN CU, MC CABLE	
E14, E15, E16, E27, E28	KP1-31	(2)#12, #12 GND TWHN CU, MC CABLE	16
E17, E21, CONVENIENCE OUTLETS BELOW TABLE	KP1-33,35	(2)#10, #12 GND TWHN CU, MC CABLE	26
E17, E21, CONVENIENCE OUTLETS BELOW TABLE	KP1-37,39	(2)#10, #12 GND TWHN CU, MC CABLE	28
E5	KP1-2	(2)#8, #10 GND TWHN CU, MC CABLE	33
	KP1-4,6	(3)#10, #12 GND TWHN CU, MC CABLE	35
	KP1-8	(2)#12, #12 GND TWHN CU, MC CABLE	36
INTERWIRE TO REMOTE ON/OFF SWITCH ON COUNTER APRON	KP1-10,12	(2)#10, #12 GND TWHN CU, MC CABLE	36A
	KP1-14	(2)#12, #12 GND TWHN CU, MC CABLE	37
	KP1-16,18	(3)#10, #12 GND TWHN CU, MC CABLE	38
E8	KP1-32,34,36	(4)#6, #8 GND TWHN CU, MC CABLE	41
	KP1-20,22	(3)#10, #12 GND TWHN CU, MC CABLE	46
E8			46A
	KP1-24,26	(3)#12, #12 GND TWHN CU, MC CABLE	47
	KP1-28	(2)#12, #12 GND TWHN CU, MC CABLE	48
E17, E21	KP2-1	(2)#10, #12 GND TWHN CU, MC CABLE	49
	KP2-3	(2)#8, #12 GND TWHN CU, MC CABLE	52
	KP2-5	(2)#10, #12 GND TWHN CU, MC CABLE	53
DUPLEX CONVENIENCE OUTELTS WALL MOUNTED ABOVE COUNTER, 48"	KP2-15, KP2-17	(2)#10, #12 GND TWHN CU, MC CABLE	54
E5	KP2-15, KP2-17	(2)#12, #12 GND TWHN CU, MC CABLE	55
E5	KP2-17	(2)#12, #12 GND TWHN CU, MC CABLE	56
E5	KP2-6,8 KP2-10,12	(3)#8, #10 GND TWHN CU, MC CABLE	57
	KP2-10 KP2-12 KP2-14 KP2-16	(2)#10, #12 GND TWHN CU, MC CABLE	58
INTERWIRE WITH SERVING COUNTER, COMMON PLUG			
	KP2-18	(2)#12, #12 GND TWHN CU, MC CABLE	59

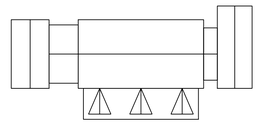
SPECIALTY OUTLET SCHEDULE

CONN.-AFF	PANEL CB#	CIRCUITRY	ITEM NO
18"	KP2-19 KP2-21 KP2-23 KP2-25		900

EC SHALL PROVIDE ALL WORK INDICATED HERE AND PER FOOD SERVICE DRAWINGS, REFERENCE KA-3.

KITCHEN EQUIPMENT KW TOTAL 76

KEY PLAN



N.T.S.

No.	Date	Revision
1.	06/24/2022	Issue for Bid

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

ELECTRIC
ELECTRICAL EQUIPMENT SCHEDULE

Seal & Signature

Date: 06/21/2021
PROJECT No: 2005
DRAWN BY: CS, RW, MK
CHK BY: NL
DWG No: E-9
CADD FILE No:

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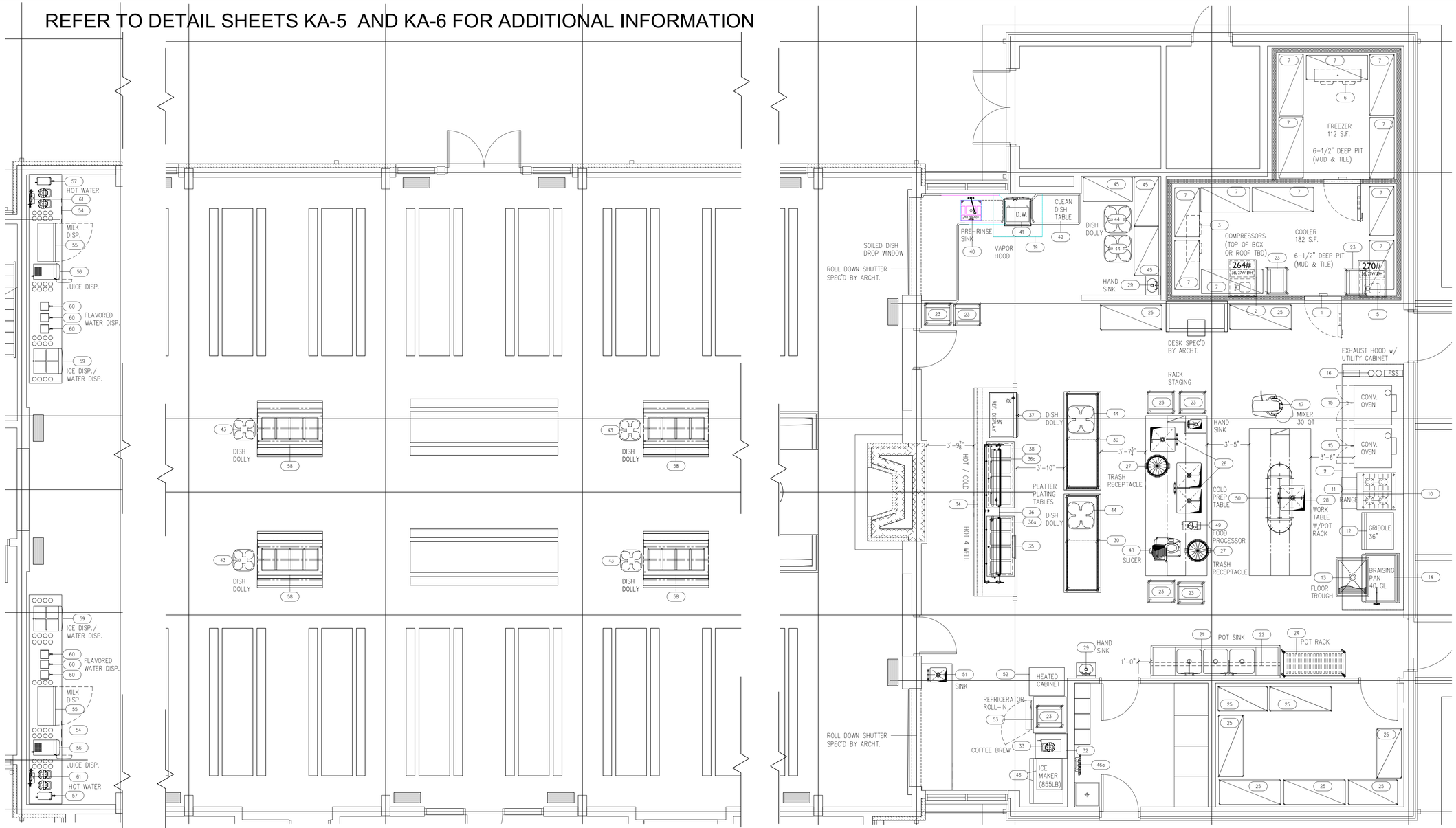
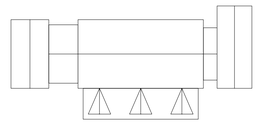
REFER TO DETAIL SHEETS KA-5 AND KA-6 FOR ADDITIONAL INFORMATION



KEY PLAN



N.T.S.

JUNE 01, 22- ISSUE MEP DWGS

1.

No. Date Revision

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

KITCHEN
EQUIPMENT PLAN W/SCHEDULE

Seal & Signature

Date:	03/18/2022
PROJECT No:	2005
DRAWN BY:	CMN, JL
CHK BY:	JL
DWG No:	KA-1
CADD FILE No:	

W\2005 Girl Scouts of Greater NY

FOODSERVICE EQUIPMENT SCHEDULE

ITEM NO	QTY	ITEM NAME	REMARKS	ITEM NO
1	1	WALK IN COOLER/FREEZER		1
	1	FREEZER SECT.		
2	1	CONDENSING UNIT, AIR COOLED		2
3	1	REFRIGERATION COIL, MED TEMP		3
4		SPARE NUMBER		4
5	1	CONDENSING UNIT, AIR COOLED		5
6	1	EVAPORATOR COIL, LOW TEMPERATURE		6
7	12	WIRE SHELVING UNIT		7
8		SPARE NUMBER		8
9	1	EXHAUST HOOD W/UTILITY CABINET		9
10	1	WALL FLASHING		10
11	1	RANGE, 4 OPEN BURNERS		11
12	1	GRIDDLE, GAS, FLOOR MODEL		12
13	1	TILTING SKILLET BRAISING PAN, GAS		13
14	1	FLOOR TROUGH		14
15	2	CONVECTION OVEN, DOUBLE, GAS		15
16	1	FIRE SUPPRESSION SYSTEM		16
17		SPARE NUMBER		17
18		SPARE NUMBER		18
19		SPARE NUMBER		19
20		SPARE NUMBER		20
21	1	THREE (3) COMPARTMENT SINK		21
22	1	SHELF, TWO-TIER, WALL MOUNTED		22
23	9	UNIVERSAL PAN RACK		23
24	1	POT & PAN SHELVING RACK		24
25	9	WIRE SHELVING UNIT		25
26	1	TABLE WITH SINKS, U/CHASE, O. SHELF		26
27	2	TRASH RECEPTACLE	BY OWNER/OPERATOR	27
28	1	TABLE W/SINK		28
29	2	HAND SINK		29
30	2	TABLE, ISLAND TYPE		30
31		SPARE NUMBER		31
32	1	WORK TABLE		32
33	1	COFFEE BREWER	BY OWNER/VENDOR	33
34	1	SERVING COUNTER		34
35	1	HOT FOOD WELL UNIT, DROP-IN, ELECTRIC		35
36	1	SNEEZE GUARD W/LED LIGHTS, STATIONARY		36
36A	2	HEAT LAMP		36A
37	1	REFRIGERATED DISPLAY CASE, SLIDE IN COUNTER		37
38	1	HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC		38
39	1	CONDENSATE HOOD		39
40	1	SOILED DISHTABLE W/PRE-RINSE SINK		40
41	1	DISHWASHER, DOOR TYPE		41
42	1	DISHTABLE, CLEAN		42
43	4	DISH CART / DOLLY		43
44	4	DISH CART / DOLLY		44
45	3	WIRE SHELVING UNIT		45
46	1	ICE MAKER, CUBE-STYLE		46
46A	1	WATER FILTER		46A
47	1	MIXER, 30 QT		47
48	1	SLICER, ELECTRIC		48
49	1	FOOD PROCESSOR, COUNTERTOP		49
50	1	POT & PAN RACK, CEILING MOUNTED		50
51	1	COUNTER W/SINK		51
52	1	MOBILE HEATED CABINET		52
53	1	ROLL-IN REFRIGERATOR		53
54	2	COUNTER, BEVERAGE		54
55	2	MILK DISPENSER		55
56	2	JUICE DISPENSER	BY OWNER/OPERATOR	56
57	2	HOT WATER DISPENSER	BY OWNER/OPERATOR	57
58	4	SERVING COUNTER W/FOOD SHIELD, SALAD		58
59	2	ICE DISPENSER, COUNTER TOP		59
60	6	BEVERAGE DISPENSER, NON-INSULATED	BY OWNER/OPERATOR	60
61	2	WATER FILTER		61

Specified by Architect

ENVIRONMENTAL NOTES

1. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL A TILE FLOOR IN KITCHEN AND RELATED WET AREAS. THESE AREAS SHALL BE PROVIDED WITH WATERPROOF FLOOR MEMBRANE. TILE TO BE INSTALLED WITH 100% OF TILE BEING SLIP RESISTANT AS DEFINED BY ASTM C1028 (STATIC COEFFICIENT OF FRICTION OF 1.0 OR GREATER), CROSSVILLE "CROSS-GRIP"OR EQUAL RECOMMENDED. WALL BASES SHALL BE A MINIMUM OF 6" HIGH. BASES, INTEGRAL WITH FLOOR, SHALL HAVE COVED CORNERS. GROUTING FOR TILE FLOORS SHALL BE EPOXY TYPE AND COLORED TO MATCH TILE. IN AREAS WHERE TILE CAN NOT BE INSTALLED BECAUSE OF STRUCTURAL RESTRICTIONS, PROVIDE INDUSTRIAL VINYL FLOORING ("PROTECT-ALL" BY OSCODA PLASTICS). FOR COMMERCIAL KITCHEN APPLICATION. REFER TO ARCHITECTURAL DOCUMENTS FOR SPECIFIC REQUIREMENTS.
2. CEILING AND WALL SURFACES ADJACENT TO, OR OVER, ANY FOOD PREPARATION AREA, INCLUDING KITCHENS, SERVICE AREAS, BARS, ETC., SHALL BE SMOOTH, EASILY CLEANABLE AND LIGHT IN COLOR. ANY MATERIALS NOT CLEARLY CONSISTENT WITH THIS REQUIREMENT SHOULD BE SUBMITTED TO THE LOCAL HEALTH JURISDICTION FOR PRIOR APPROVAL FOR USE. LAY IN CEILING TILE MUST BE NON-POROUS AND NON-FISSURED, SMOOTH, WASHABLE 24" X 24" PANELS ONLY. A CORROSION RESISTANT SUSPENSION SYSTEM SIMILAR TO "PRELUDE PLUS" MANUFACTURED BY ARMSTRONG IS RECOMMENDED.
3. DIVISION 26 SHALL PROVIDE ALL GENERAL LIGHTING FIXTURES AND INSTALL COMPLETE WITH LAMPS, WIRING AND SWITCHES. ALL EXPOSED LAMPS IN KITCHEN AREAS MUST BE PLASTICIZED SHATTERPROOF DESIGNED WITH A MINIMUM OF 50 FOOT CANDLE POWER.
4. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH AND DIVISION 22 SHALL INSTALL STAINLESS STEEL HAND SINKS COMPLETE WITH REGULAR MIXING CONTROLS, UNLESS SPECIFIED OTHERWISE. SOAP & TOWEL DISPENSERS AT ALL HAND SINK LOCATIONS TO BE FURNISHED AND INSTALLED BY OWNER, UNLESS SPECIFIED OTHERWISE.
5. ALL INDIRECT WASTE PIPING TO FLOOR SINKS SHALL TERMINATE A MINIMUM OF ONE (1) PIPE DIAMETER ABOVE SINK.
6. ALL DISH AND GLASS WASHERS SHALL BE FURNISHED WITH A REMOTE SEALED SYSTEM, HOT WATER BOOSTER DELIVERING 180° HOT WATER TO MACHINES UNLESS SPECIFIED OTHERWISE.
7. SPACE BETWEEN ALL UNITS TO WALL, CEILING, FLOORS AND ADJOINING UNITS NOT PORTABLE AND WITH ENCLOSED BODIES SHALL BE COMPLETELY SEALED AGAINST ENTRANCE OF FOOD PARTICLES OR VERMIN BY THE FOODSERVICE EQUIPMENT CONTRACTOR BY MEANS OF TRIM STRIPS, WELDING, SOLDERING, OR MASTIC. MASTIC SHALL BE GENERAL ELECTRIC SILICONE CONSTRUCTION SEALANT SERIES SE1200 IN APPROPRIATE COLOR.
8. ALL EQUIPMENT SITTING ON FLOOR SHALL BE INSTALLED ON MINIMUM 6" HIGH STAINLESS STEEL LEGS WITH ADJUSTABLE SANITARY FEET, UNLESS SPECIFIED OTHERWISE.
9. FIRE SUPPRESSION SYSTEMS SHALL BE ENGINEERED, SIZED AND INSTALLED IN ACCORDANCE WITH U.L., NFPA AND LOCAL BUILDING CODES.
10. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WITHIN A 30-FOOT TRAVEL DISTANCE OF COMMERCIAL COOKING EQUIPMENT. COOKING EQUIPMENT INVOLVING VEGETABLE OR ANIMAL OILS AND FATS SHALL BE PROTECTED BY A CLASS-K RATED PORTABLE FIRE EXTINGUISHER. PORTABLE FIRE EXTINGUISHERS ARE SPECIFIED BY THE ARCHITECT.
11. THE KITCHEN SHALL BE DESIGNED FOR A MAX. AVERAGE AMBIENT TEMPERATURE OF 85 DEGREES F. CAFETERIA SERVING AREAS SHOULD BE DESIGNED FOR A MAX. 75 DEGREES F. & 55% RH.
12. GENERAL PURPOSE FLOOR DRAINS TO PREVENT "STANDING" WATER ARE SPECIFIED BY THE PLUMBING ENGINEER. SLOPE OF FLOOR TO FLOOR DRAINS SPECIFIED BY ARCHITECT. REFER TO A/E DRAWINGS.
13. THE TEMPERATURE DIFFERENCE BETWEEN MAKE-UP AIR AND THE AIR IN THE CONDITIONED SPACE SHALL NOT EXCEED 10 DEGREES F.

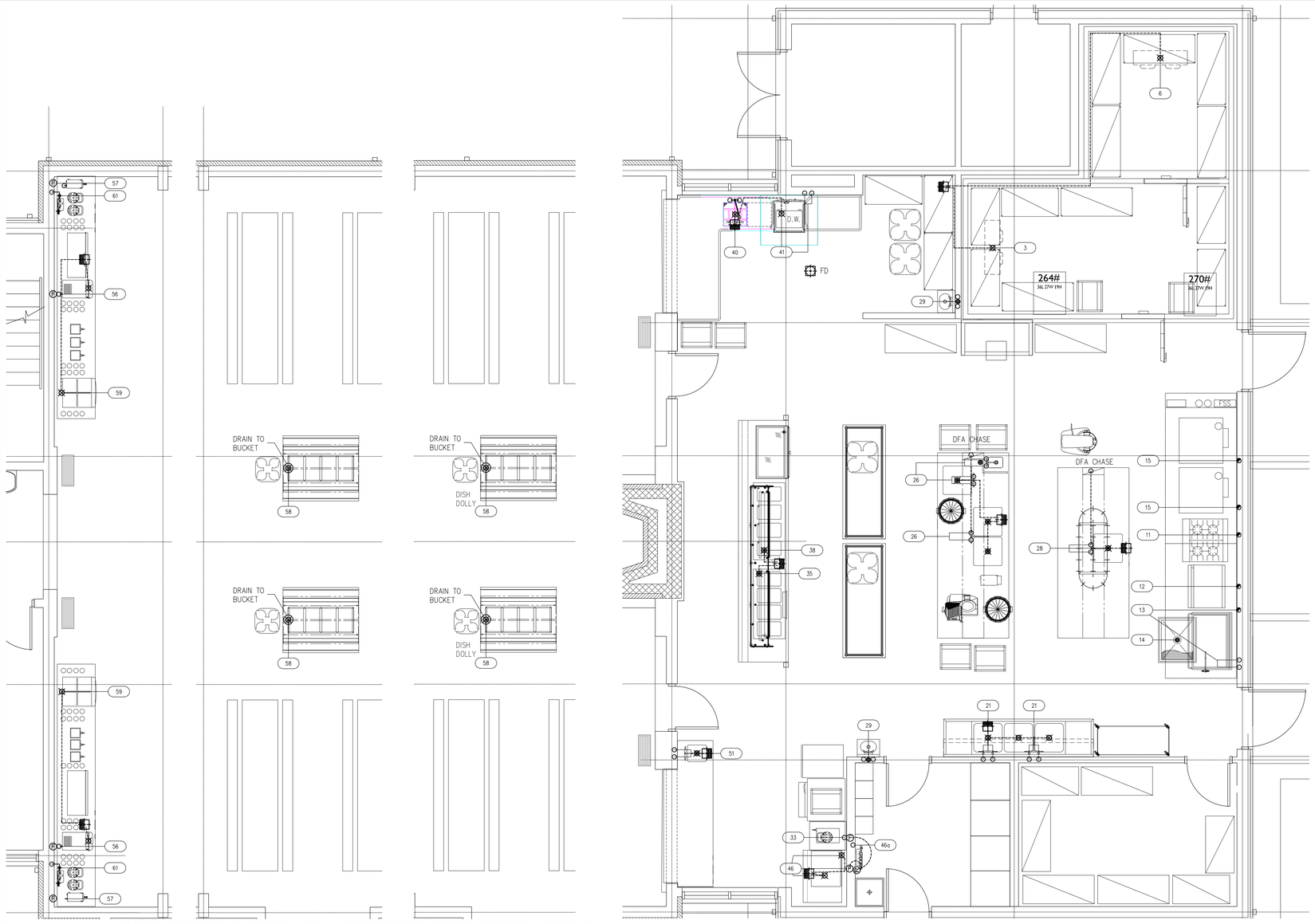
TO ASSURE ACCURATE PROPOSALS THESE PLANS MUST BE BID WITH THE COMPLETE FOODSERVICE EQUIPMENT SPECIFICATIONS INCLUDING GENERAL AND SPECIFIC CONDITIONS PREPARED BY CLEVENGER FRABLE LAVALLEE, INC. MANUFACTURER DATA (CUTSHEETS) INDICATE REPRESENTATIVE EQUIPMENT SELECTION ONLY AND ARE NOT TO BE CONSIDERED SPECIFICATIONS.

THIS DRAWING IS INTENDED TO PROVIDE INFORMATION TO BE INCLUDED ON THE ARCHITECTS / ENGINEERS DOCUMENTS. IT IS NOT INTENDED AND SHOULD NOT BE USED FOR CONSTRUCTION.

FOOD SERVICE EQUIPMENT CONTRACTOR (F.S.E.C) SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS & BE RESPONSIBLE FOR FIELD FIT & QUALITY OF WORK. NO ALLOWANCES SHALL BE MADE ON BEHALF OF THE F.S.E.C. FOR ANY ERROR OR NEGLECT ON THEIR PART.

DIMENSIONED DRAWINGS TO BE PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR AFTER AWARD OF CONTRACT DURING CONSTRUCTION PHASE.

PROGRESS ISSUE NOT FOR CONSTRUCTION



PROGRESS ISSUE NOT FOR CONSTRUCTION

PLUMBING NOTES

1. PLUMBING PLAN SHOWS ROUGH-IN AND CONNECTION LOCATIONS WITH CAPACITIES – SEE ROUGH-IN DRAWINGS FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR ACTUAL ROUGH-IN LOCATIONS
2. ROUGH-INS FOR WATER, WASTE, FUEL GAS AND STEAM SERVICES SHALL EXTEND 6" (220 MM) BEYOND FINISH WALLS AND ABOVE FINISH FLOORS OR EQUIPMENT PADS – ALL FLOOR PENETRATIONS SHALL BE SEALED WATER TIGHT.
3. WATER PRESSURE IN FOOD, SERVICE AND BEVERAGE AREAS SHOULD BE 50 PSIG. (344,750N/M) MAXIMUM – WATER PRESSURE AT DISHMACHINES, BOOSTER HEATERS, GLASS AND UTENSIL WASHERS TO BE 25 PSIG (172,375N/M).
4. STEAM PRESSURE FOR FOOD SERVICE EQUIPMENT TO BE N/A UNLESS INDICATED OTHERWISE ON PLAN.
5. DIVISION 22 SHALL FURNISH AND INSTALL ALL NECESSARY VALVES, TRAPS, TAIL PIECES, LINE STRAINERS, PRESSURE REDUCING VALVES AND VACUUM BREAKERS AND CONNECT ALL WATER, FUEL GAS, STEAM AND WASTE LINES TO FOOD SERVICE EQUIPMENT.
6. DIVISION 22 TO PROVIDE GAS SERVICES AT EQUIPMENT TO MAINTAIN AN 8" WATER COLUMN. FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE GAS PRESSURE REGULATORS AS REQUIRED BY CODE AND A.G.A. FOR INSTALLATION BY DIVISION 22 IN LINE BETWEEN BUILDING SERVICES AND EQUIPMENT
7. DIVISION 22 SHALL INSTALL & CONNECT ALL FAUCETS AND DRAINS FURNISHED WITH FOOD SERVICE AND BEVERAGE EQUIPMENT.
8. DIVISION 22 SHALL FURNISH & INSTALL ALL INDIRECT WASTE LINES FROM FOOD SERVICE AND BEVERAGE EQUIPMENT (EXCEPT EVAPORATOR COILS IN COLD STORAGE ROOMS) TO FLOOR SINKS AND INSULATE WASTE LINES FROM ICE BINS, EVAPORATORS AND BAIN MARIES.
9. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL FIRE SUPPRESSION SYSTEM. FSE CONTRACTOR SHALL FURNISH & DIVISION 22 SHALL INSTALL NORMALLY OPEN MECHANICALLY ACTIVATED OR ELECTRICAL SOLENOID GAS SHUT-OFF VALVE ABOVE SUSPENDED CEILING TILE.
10. WHERE PERMITTED BY LOCAL CODE, FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FINISH FLOOR WITH GRATE COVER AS INDICATED.
11. THIS PLUMBING PLAN IS INTENDED TO SHOW DRAINAGE REQUIREMENTS FOR FOODSERVICE EQUIPMENT ONLY. IT IS THE PLUMBING ENGINEER'S RESPONSIBILITY TO CONFIRM DRAIN TYPE, CAPACITY & ELEVATION TO SATISFY LOCAL CODE REQUIREMENTS.
12. SEWAGE AND LIQUID WASTES (ROOF DRAINS) ARE TO BE CARRIED TO THE SEWER IN A MANNER THAT PROTECTS THE PREMISES, THE PERSONNEL AND CONTENTS WITHIN THE ESTABLISHMENT FROM CON-TAMINATION. THE PLUMBING ENGINEER IS TO DESIGN WASTE PIPING SYSTEMS THAT CONFORM TO LOCAL HEALTH CODE REQUIREMENTS. PARTICULAR ATTENTION NEEDS TO BE GIVEN TO ANY LOCAL REQUIRE-MENTS PREVENTING WASTE PIPING (EXPOSED OR CONCEALED) FROM BEING ROUTED OVERHEAD IN AREAS USED FOR FOOD STORAGE, PREPARATION, SERVICE, WAREWASHING AND TRANSPORTATION.
13. GENERAL PURPOSE AREA DRAINS SHALL BE LOCATED AND SPECIFIED BY THE PLUMBING ENGINEER TO PREVENT "STANDING" WATER ON THE FLOOR. THIS IS OF PARTICULAR IMPORTANCE WHEN LOCAL CODES REQUIRE THAT DRAINS ACCEPTING INDIRECT WASTE BE SET ABOVE THE FINISHED FLOOR.
14. DIVISION 22 TO RUN WASTES TO GREASE INTERCEPTOR PER LOCAL CODES. GREASE INTERCEPTOR, IF REQUIRED, IS TO BE SIZED AND LOCATED BY THE PLUMBING ENGINEER. WASTE ROUGH-IN FOR DISCHARGE PIPING FROM A SURFACE MOUNTED GREASE INTERCEPTOR IS TO BE DIMENSIONED BY THE PLUMBING ENGINEER.
15. DIVISION 22 SHALL INSTALL WATER FILTER SYSTEMS PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR TO SERVICE ICE MAKERS, COFFEE MAKERS/URNS, SODA SYSTEMS, STEAMERS, ETC.
16. FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE, DIVISION 22 TO INSTALL, FLEXIBLE CONNECTORS FOR FOOD SERVICE & BEVERAGE EQUIPMENT REQUIRING GAS, WATER & STEAM CONNECTIONS. REFER TO PLUMBING SCHEDULE AND CONTRACT DOCUMENTS.

PLUMBING REMARKS LEGEND

NOTE: THESE REMARKS ARE APPLICABLE WHEN NOTED IN THE PLUMBING REMARKS COLUMN ON THE PLUMBING SCHEDULE.

- P1 CONNECT TO CENTRAL WATER FILTER.
- P2 CONNECT TO INDIVIDUAL WATER FILTER FURNISHED BY F.S.E.C. AND INSTALLED BY PLUMBING DIVISION.
- P3 PLUMBING DIVISION TO INSTALL NECESSARY PIPING, VALVES, ETC. TO ENABLE THE OPERATOR TO BY-PASS THE FILTER SYSTEM TEMPORARILY WHEN WATER FLOW TO FIXTURES IS RESTRICTED BY CLOGGED FILTERS.
- P4 ROUTE INDIRECT WASTE FROM WATER FILTER PER DETAIL P-8-1.
- P5 CONCEAL WATER FILTER IN BASE CABINET. COORDINATE LOCATION AND ACCESS FOR FILTER REPLACEMENT WITH APPROPRIATE TRADES.
- P6 F.S.E.C. TO FURNISH AND INSTALL ELECTRIC HEAT WRAP TAPE ON FREEZER EVAPORATOR COIL DRAIN LINE. ELECTRICAL DIVISION TO MAKE FINAL CONNECTIONS.
- P7 F.S.E.C. EXTEND DRAIN LINE FROM INDIRECT WASTE CONNECTION AT EVAPORATOR COIL TO FLOOR DRAIN PER DETAIL P-2-1.
- P8 CONDENSER WATER TEMPERATURE TO BE BETWEEN 45° & 85° FAHRENHEIT.
- P9 FLEXIBLE DISCONNECT(S) FURNISHED BY F.S.E.C. PER SPECIFIC CONDITIONS & INSTALLED BY PLUMBING DIVISION.
- P10 WATER SWIRL FLEXIBLE DISCONNECT(S) FURNISHED BY F.S.E.C. PER SPECIFIC CONDITIONS & INSTALLED BY PLUMBING DIVISION.
- P11 F.S.E.C. TO FURNISH FLEXIBLE DISCONNECT(S) FOR EQUIPMENT UNITS PROVIDED BY OTHERS.
- P12 F.S.E.C. TO CONFIRM PLUMBING REQUIREMENTS WITH OWNER OR OPERATOR FOR EQUIPMENT NOT IN CONTRACT.
- P13 PLUMBING ENGINEER TO SIZE AND SPECIFY GREASE INTERCEPTOR PER LOCAL CODE. PLUMBING ENGINEER TO LOCATE FLOOR PENETRATION FOR WASTE LINE/AIR GAP DRAIN FROM INTERCEPTOR TO SEWER SYSTEM.
- P14 F.S.E.C. TO PROVIDE AND PLUMBING DIVISION TO INSTALL GAS SHUT OFF VALVE FOR FIRE SUPPRESSION SYSTEM. REFER TO CFL DETAIL C-22-6.
- P15 PLUMBING DIVISION TO PROVIDE & INSTALL INTERCONNECTING PIPING FOR A COMPLETE AND OPERABLE SYSTEM. INDIRECT WASTE TO RUN INSIDE WALL PER DETAIL P-5-1. EXTEND WASTE TO GREASE TRAP PER LOCAL CODES. CHROME PLATED PIPING WHERE EXPOSED.
- P16 INTERPLUMB CONTROL PANEL THROUGH VACUUM BREAKER & CHECK VALVE W/ EXHAUST HOOD, INCLUDING DETERGENT LINE FROM PANEL TO WATER LINE TO HOOD.
- P17 EXTEND DRAIN LINE FROM PRESSURE RELIEF VALVE ON BOOSTER HEATER TO FLOOR SINK.
- P18 FURNISH & INTERPLUMB RECIRCULATING WATER LINES W/ GATE VALVES FROM COLLECTOR/ TROUGHVEYOR TO END OF TROUGH, INCLUDING GUSHER HEADS.
- P19 FURNISH & INTERPLUMB RECIRCULATING WATER LINE W/ BALL VALVE FROM SYSTEM TO INLET AT END OF TROUGH.
- P20 STUB UP INSIDE UTILITY CHASE AND BTC
- P21 DOWN FROM ABOVE INSIDE UTILITY CHASE AND BTC

LEGEND – PLUMBING CONNECTIONS

- HW – HOT WATER, OR CW – COLD WATER
- GAS
- FILTERED WATER
- STEAM SUPPLY
- STEAM RETURN
- WASTE, DIRECT-CONNECTED UNLESS NOTED "OPEN HUB"
- INDIRECT WASTE
- CONDENSER WATER INLET
- CONDENSER WATER OUT
- FLOOR DRAIN
- FLOOR DRAIN W/ ATTACHED FUNNEL
- FLOOR SINK WITH HALF GRATE
- FLOOR SINK WITHOUT GRATE
- FIELD CONNECTIONS
- CWS – CONDENSER WATER SUPPLY
- CWR – CONDENSER WATER RETURN
- FCW – FILTERED COLD WATER
- RL – REFRIGERANT LIQUID
- RS – REFRIGERANT SUCTION
- IW INDIRECT WASTE
- AFF ABOVE FINISHED FLOOR
- DFA DOWN FROM ABOVE
- BTC BRANCH TO CONNECTION
- P.C. PLUMBING CONTRACTOR (DIVISION 22)
- NIC NOT IN CONTRACT

THIS DRAWING IS INTENDED TO PROVIDE INFORMATION TO BE INCLUDED ON THE ARCHITECTS / ENGINEERS DOCUMENTS. IT IS NOT INTENDED AND SHOULD NOT BE USED FOR CONSTRUCTION.

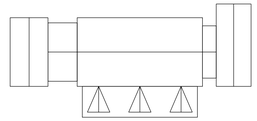
FOOD SERVICE EQUIPMENT CONTRACTOR (F.S.E.C) SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS & BE RESPONSIBLE FOR FIELD FIT & QUALITY OF WORK. NO ALLOWANCES SHALL BE MADE ON BEHALF OF THE F.S.E.C. FOR ANY ERROR OR NEGLECT ON THEIR PART.

DIMENSIONED DRAWINGS TO BE PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR AFTER AWARD OF CONTRACT DURING CONSTRUCTION PHASE.

FOODSERVICE PLUMBING SCHEDULE

ITEM NO	QTY	ITEM NAME	CW	CW AFF	HW	HW AFF	SINK SIZE	IW	DW	DIRECT WASTE CONN. HEIGHT(IN)	FW	FW AFF	GAS MBTU	GAS	GAS AFF	REMARKS	ITEM NO
3	1	REFRIGERATION COIL, MED TEMP						3/4"								ROUTE IW TO FLOOR SINK	3
6	1	EVAPORATOR COIL, LOW TEMPERATURE						3/4"								ROUTE IW TO FLOOR SINK	6
11	1	RANGE, 4 OPEN BURNERS											175.0	3/4"	30"	P9	11
12	1	GRIDDLE, GAS, FLOOR MODEL											90.0	3/4"	30"	P9	12
13	1	TILTING SKILLET BRAISING PAN, GAS	1/2"	14"	1/2"	14"							130.0	3/4"	30"	P9	13
14	1	FLOOR TROUGH							4"	-6"						P13	14
15	2	CONVECTION OVEN, DOUBLE, GAS											90.0	3/4"	30"	P9, GAS MANIFOLD	15
21	1	THREE (3) COMPARTMENT SINK						(3) 2"								P13, ROUTE TO FLOOR SINK	21
	1		1/2"	14"	1/2"	14"	3) 24X24X13									HW TEMP - 140°	
	1		1/2"	14"	1/2"	14"										HW TEMP - 140°	
26	1	TABLE WITH SINKS, U/CHASE, O. SHELF	1/2"	DFA @ 18"	1/2"	DFA @ 18"	24X24X14	2"								P13, P21, HW TEMP - 140°, ROUTE TO FLOOR SINK	26
	1		1/2"	DFA @ 18"	1/2"	DFA @ 18"	2) 24X24X12	2"								P13, P21, HW TEMP - 140°, ROUTE MANIFOLD IW TO FLOOR SINK	
	1		1/2"	DFA @ 18"	1/2"	DFA @ 18"	9X12X 6		1-1/2"	24"						P21, HW TEMP - 110°	
28	1	TABLE W/SINK	1/2"	DFA @ 18"	1/2"	DFA @ 18"	24X24X10	1-1/2"								P13, P21, HW TEMP - 140°, ROUTE TO FLOOR SINK	28
29	2	HAND SINK	1/2"	18"	1/2"	18"	9X12X 6		1-1/2"							P21, HW TEMP - 110°	29
33	1	COFFEE BREWER									3/8"	48"				P1, P10 FROM ITEM 46A	33
35	1	HOT FOOD WELL UNIT, DROP-IN, ELECTRIC						1"								MANIFOLDED TO SHUT-OFF, ROUTE TO FLOOR SINK	35
38	1	HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC						3/4"								MANIFOLDED TO SHUT-OFF, ROUTE TO FLOOR SINK	38
40	1	SOILED DISHTABLE W/PRE-RINSE SINK	1/2"	14"	1/2"	14"	20X20X7	2"								P13, HW TEMP - 140°, ROUTE TO FLOOR SINK	40
41	1	DISHWASHER, DOOR TYPE	1/2"	14"	3/4"	14"		1"								HW TEMP - 140°, ROUTE TO FLOOR SINK, CONN COLD WATER DRAIN TEMP KIT.	41
46	1	ICE MAKER, CUBE-STYLE						3/8"			3/8"	48"				P1, P10, ROUTE TO FLOOR SINK	46
	1							3/4"								ROUTE TO FLOOR SINK	
46A	1	WATER FILTER	3/4"	7'-0"												SERVES ITEMS 33, 46	46A
51	1	COUNTER W/SINK	1/2"	18"	1/2"	18"	14X16X10	1-1/2"								P13, HW TEMP - 140°, ROUTE TO FLOOR SINK	51
56	2	JUICE DISPENSER									3/8"	48"				P1, P10, FROM 61	56
57	2	HOT WATER DISPENSER									3/8"	48"				P1, P10, FROM 61	57
58	4	SERVING COUNTER W/FOOD SHIELD, SALAD						3/4"								ROUTE IW TO BUCKET, BUCKET BY OWNER	58
59	2	ICE DISPENSER, COUNTER TOP						3/4"								ROUTE TO FLOOR SINK	59
61	2	WATER FILTER	1/2"	18"												SERVES ITEMS 56, 57	61

KEY PLAN



N.T.S.

JUNE 01, 22- ISSUE MEP DWGS

1.

No.	Date	Revision

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

PLUMBING PLAN

Seal & Signature

Date:	03/18/2022
PROJECT No:	2005
DRAWN BY:	CMN, JL
CHK BY:	JL
DWG No:	KA-2
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY

ELECTRICAL SCHEDULE

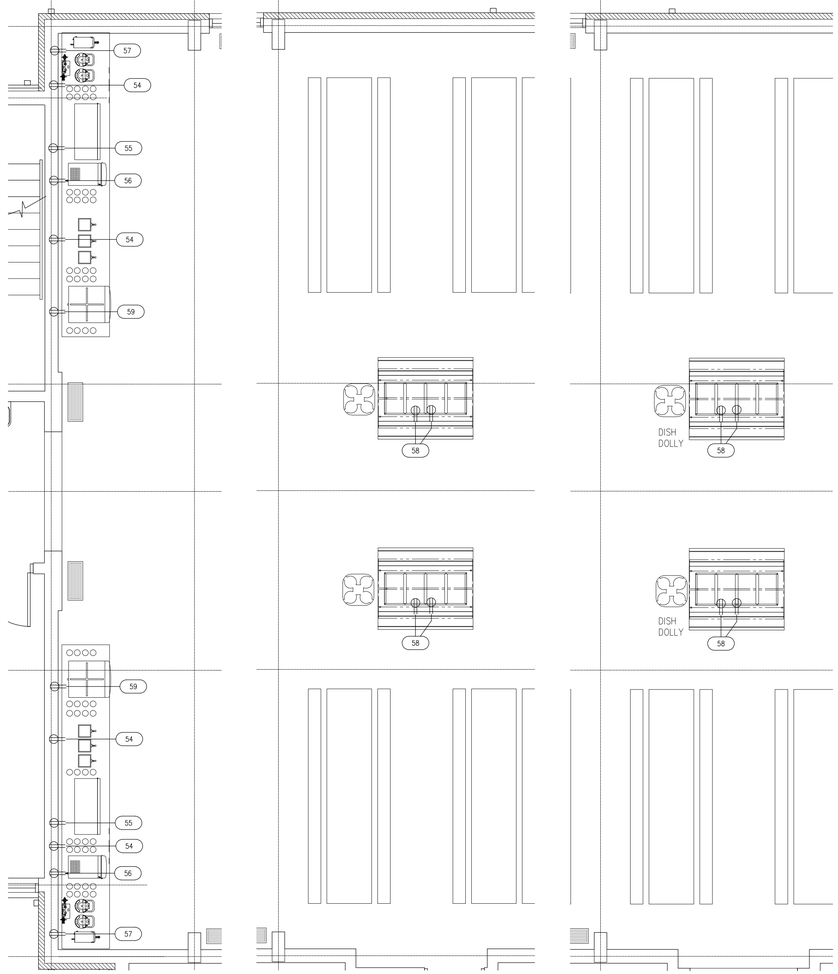
ITEM NO	QTY	ITEM NAME	VOLTAGE	PHASE	AMPS	CYCLE	HP	KW	CONN AFF	CONN TYPE	NEMA	REMARKS	ITEM NO
1	1	WALK IN COOLER/FREEZER	120	1	5	60			DFA	DIRECT		E1	1
	1	FREEZER SECT.	120	1	5	60			DFA	DIRECT		E1	
2	1	CONDENSING UNIT, AIR COOLED	208	3	9.3	60	2.0		DFA	DIRECT		E8	2
3	1	REFRIGERATION COIL, MED TEMP	120	1	1.5	60			DFA	DIRECT			3
5	1	CONDENSING UNIT, AIR COOLED	208	3	8.6	60	2.0		DFA	DIRECT		E8	5
6	1	EVAPORATOR COIL, LOW TEMPERATURE	208	1	9.8	60			DFA	DIRECT		E3	6
	1		120	1	10	60			DFA	CORD & PLUG	5-15P	GFI OUTLET, HEAT TRACE DRAIN LINE, E4	
9	1	EXHAUST HOOD W/UTILITY CABINET	120	1	115	60			DFA	DIRECT		E16, E20, E27	9
13	1	TILTING SKILLET BRAISING PAN, GAS	120	1	1.8	60			24"	CORD & PLUG	5-15P		13
15	2	CONVECTION OVEN, DOUBLE, GAS	115	1	8.0	60	3/4		36	CORD & PLUG	5-15P	TOP OVEN	15
	2		115	1	8.0	60	3/4		48	CORD & PLUG	5-15P	BOTTOM OVEN	
16	1	FIRE SUPPRESSION SYSTEM	120	1	20	60			DFA	DIRECT		E14, E15, E16, E27, E28	16
26	1	TABLE WITH SINKS, U/CHASE, O. SHELF	2)120	1	10 EA	60			DFA	DIRECT		E17, E21, CONVENIENCE OUTLETS BELOW TABLE	26
28	1	TABLE W/SINK	2) 120	1	10 EA	60			DFA	DIRECT		E17, E21, CONVENIENCE OUTLETS BELOW TABLE	28
33	1	COFFEE BREWER	120	1	18.1	60		2.2	48"	CORD & PLUG	5-20P	E5	33
35	1	HOT FOOD WELL UNIT, DROP-IN, ELECTRIC	208	1	9.6	60		2	24"	CORD & PLUG	6-15P		35
36	1	SNEEZE GUARD W/LED LIGHTS, STATIONARY	120	1	2				18"	DIRECT			36
36A	2	HEAT LAMP	120	1	12.5	60		1.5	18"	DIRECT		INTERWIRE TO REMOTE ON/OFF SWITCH ON COUNTER APRON	36A
37	1	REFRIGERATED DISPLAY CASE, SLIDE IN COUNTER	115	1	9.1	60	1/2		18"	CORD & PLUG	5-15P		37
38	1	HOT / COLD FOOD WELL UNIT, DROP-IN, ELECTRIC	120/208	1	14.4	60			18"	CORD & PLUG	14-20P		38
41	1	DISHWASHER, DOOR TYPE	208	3	40	60			60"	DIRECT		E8	41
46	1	ICE MAKER, CUBE-STYLE	208-230	1	9.9	60			60"	DIRECT			46
46A	1	WATER FILTER										E8	46A
47	1	MIXER, 30 QT	208	1	5.7				60"	CORD & PLUG	6-15P		47
48	1	SLICER, ELECTRIC	120	1	5.6	60	1/2		48"	CORD & PLUG			48
49	1	FOOD PROCESSOR, COUNTERTOP	115	1	12.5	60	3/4			CORD & PLUG	5-15P	E17, E21	49
52	1	MOBILE HEATED CABINET	120	1	19.1	60		2.292	6'-0"	CORD & PLUG	5-20P		52
53	1	ROLL-IN REFRIGERATOR	120	1	10.6	60	1/3		7'-0"	CORD & PLUG	5-15P		53
54	2	COUNTER, BEVERAGE	2) 120	1	10	60			48"		5-15P	DUPLEX CONVENIENCE OUTELTS WALL MOUNTED ABOVE COUNTER, 48"	54
55	2	MILK DISPENSER	115	1	1.9	60	1/6		48"	CORD & PLUG	5-15P	E5	55
56	2	JUICE DISPENSER	120	1	6	60			48"	CORD & PLUG	5-15P	E5	56
57	2	HOT WATER DISPENSER	208	1	19.5	60		4.05	48"			E5	57
58	4	SERVING COUNTER W/FOOD SHIELD, SALAD	120	1	7.8	60	1/3		@ FLOOR	CORD & PLUG	5-15P		58
	4	FOOD SHIELD SECT.	120	1	1	60						INTERWIRE WITH SERVING COUNTER, COMMON PLUG	
59	2	ICE DISPENSER, COUNTER TOP	115	1	4	60				CORD & PLUG	5-15P		59

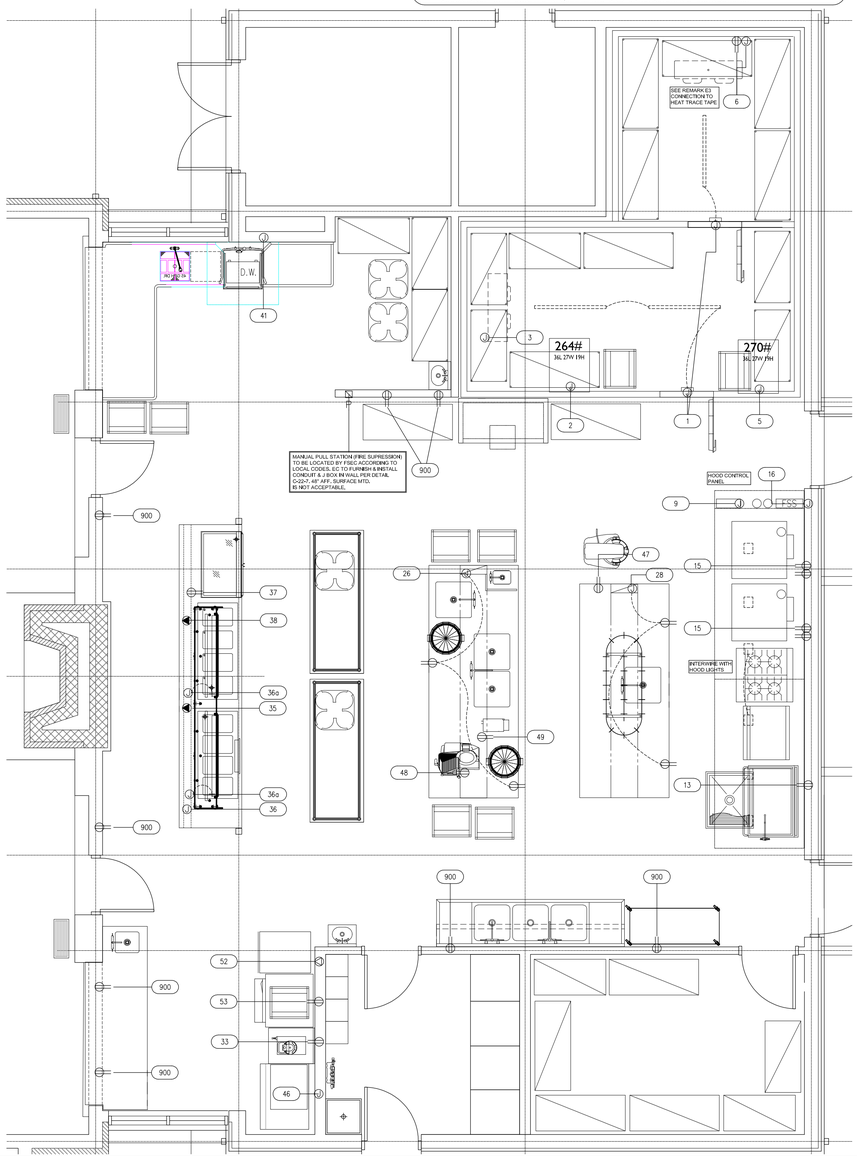
SPECIALTY OUTLET SCHEDULE

ItemNo	QTY.	Category	Voltage	Phase	Amps	Cycle	CONN. TYPE	NEMA	CONN.-AFF
900	8	DUPLEX CONVENIENCE OUTLET	120	1	15	60	RECEPTACLE	5-20P	18"

REFER TO DETAIL SHEETS KA-5 AND KA-6 FOR ADDITIONAL INFORMATION

PROGRESS ISSUE NOT FOR CONSTRUCTION





ELECTRICAL NOTES

1. ELECTRICAL PLAN SHOWS ROUGH-IN AND CONNECTION LOCATIONS WITH CAPACITIES – SEE ROUGH-IN DRAWINGS FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR FOR ACTUAL ROUGH-IN LOCATIONS.
2. ELECTRICAL SYSTEM IS DESIGNED FOR ___120/208 VOLTS, _____ PHASE, _60_____ HERTZ, _____ WIRE SYSTEM.
3. DIVISION 26 SHALL FURNISH AND INSTALL ALL JUNCTION BOXES, RECEPTACLES, COVER PLATES, PULL BOXES, CONDUIT AND WIRING EXCEPT WHERE NOTED.
4. ALL CONDUIT RUNS INDICATED FOR REFRIGERATION, DRINK AND LIQUOR SYSTEM LINES SHALL BE FURNISHED AND INSTALLED BY DIVISION 26 – CONDUIT SHALL HAVE 24" MINIMUM RADIUS BENDS. REFER TO BUILDING WORKS PLAN FOR ROUTING AND DETAILS.
5. DIVISION 26 TO FURNISH & INSTALL SAFETY DISCONNECT SWITCHES WHERE REQUIRED. REFER TO ELECTRICAL SCHEDULE & CONTRACT DOCUMENTS. SDS TO BE S/S OR ALUMINUM.
6. FSE CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL WORK FOR FABRICATED EQUIPMENT ITEMS (CHEF'S COUNTER, TABLES, ETC.) AS NOTED; COMPLETE WITH JUNCTION BOXES, CONDUIT, SURFACE MOUNTED RACEWAYS, ELECTRIC BOXES, COVER PLATES, ELECTRIC RACEWAYS AND CIRCUIT BREAKER PANEL, WHEN SPECIFIED. DIVISION 26 SHALL PULL WIRING AND MAKE FINAL CONNECTIONS.
7. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL VAPOR PROOF VENTILATOR LIGHTS COMPLETE WITH LAMPS – INTERCONNECTING CONDUIT, WIRING AND WALL SWITCH FURNISHED AND INSTALLED BY DIVISION 26.
8. ADDITIONAL CONVENIENCE RECEPTACLES, TELEPHONE AND INTERCOM JACKS SHALL BE LOCATED BY THE ARCHITECT.
9. FOOD SERVICE EQUIPMENT CONTRACTOR SHALL FURNISH & INSTALL DISPOSER SWITCH – DIVISION 26 SHALL FURNISH AND INSTALL INTERCONNECTING CONDUIT AND WIRING BETWEEN SWITCH DISPOSER AND COMPONENTS.
10. DIVISION 26 TO FURNISH & INSTALL ALL INTERCONNECTING CONDUIT & WIRING BETWEEN MICROSWITCH FURNISHED WITH FIRE SUPPRESSION SYSTEM SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR. CONTACTORS FURNISHED BY DIVISION 26.
11. DIVISION 26 TO FURNISH AND INSTALL SHUNT TRIP TYPE BREAKER DISCONNECT TO FOOD SERVICE EQUIPMENT UNDERNEATH EXHAUST VENTILATOR. COORDINATE SHUNT TRIP BREAKER REQUIREMENTS WITH FOOD SERVICE EQUIPMENT CONTRACTOR.
12. DIVISION 26 TO FURNISH AND INSTALL INTERCONNECTING CONDUIT AND WIRING (2 WIRE 24 VDC) BETWEEN ALARM PANEL AND COLD STORAGE ROOM ALARM THERMOSTAT – PANEL AND THERMOSTAT FURNISHED AND INSTALLED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
13. PRE-FABRICATED COLD STORAGE ROOMS ARE FURNISHED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR COMPLETE WITH SPLICE BOXES, LIGHT FIXTURES, LAMPS, LIGHT SWITCHES, AND DOOR HEATERS – DIVISION 26 TO INSTALL SAME AND SHALL FURNISH AND INSTALL INTERCONNECTING CONDUIT, WIRING, SEAL-OFFS, SEALANT AND MAKE ALL FINAL CONNECTIONS.
14. DIVISION 26 SHALL FURNISH AND INSTALL ALL INTERCONNECTING CONDUIT AND WIRING BETWEEN FOOD SERVICE EQUIPMENT CONTRACTOR FURNISHED LOW TEMP COLD STORAGE ROOM EVAPORATOR TERMINAL BLOCK, SWITCH, FAN DOOR SWITCH AND COMPRESSOR CONTROL PANEL.
15. DIVISION 26 SHALL FURNISH & INSTALL ALL INTERCONNECTING CONDUIT AND WIRING BETWEEN FOOD SERVICE EQUIPMENT CONTRACTOR FURNISHED LOW TEMP COLD STORAGE ROOM EVAPORATOR TERMINAL BLOCK, ROOM THERMOSTAT, LIQUID LINE SOLENOID VALVE, FAN DOOR SWITCH/RELAY, EVAPORATOR COIL DRAIN LINE HEAT TAPE AND COMPRESSOR CONTROL PANEL.
16. DIVISION 26 SHALL FURNISH AND INSTALL EMPTY CONDUIT WITH J-BOXES FOR INSTALLATION OF OWNER SUPPLIED ELECTRONIC CASH CONTROL SYSTEM. DIVISION 26 TO VERIFY INSTALLATION IN ACCORDANCE WITH OWNER'S REQUIREMENTS AND MANUFACTURER'S INSTRUCTIONS.

ELECTRICAL REMARKS LEGEND

NOTE: THESE REMARKS ARE APPLICABLE WHEN NOTED IN THE ELECTRICAL REMARKS COLUMN ON THE ELECTRICAL SCHEDULE

- E1 ELECTRICAL DIVISION TO INSTALL ADDITIONAL LIGHT FIXTURES PER E-1-4. NOTE REQUIREMENT FOR EXPANDING FOAM SEALANT INSIDE CONDUIT AT PANEL PENETRATION TO AVOID CONDENSATE ACCUMULATION INSIDE LIGHT FIXTURE.
- E2 ELECTRICAL DIVISION TO CONNECT TEMPERATURE ALARM TO BUILDING MANAGEMENT SYSTEM. REFER TO ELECTRICAL ENGINEER'S DRAWINGS FOR DETAILED REQUIREMENTS.
- E3 ELECTRICAL DIVISION TO CONNECT ELECTRIC HEAT WRAP TAPE ON FREEZER EVAPORATOR COIL DRAIN LINE FURNISHED BY F.S.E.C.
- E4 ELECTRICAL DIVISION TO INSTALL 5 WIRE CONTROL WIRING FROM DEFROST TIME CLOCK TO DEFROST HEATER ON FREEZER EVAPORATOR COIL.
- E5 F.S.E.C. TO CONFIRM ELECTRICAL REQUIREMENTS FOR EQUIPMENT NOT IN CONTRACT.
- E6 PROVIDE 120/ 208 VOLT, 3 PHASE, 4 WIRE, 30 AMP CIRCUIT FOR VENDOR PROVIDED COFFEE BREWING EQUIPMENT. CONFIRM CONNECTION REQUIREMENTS WITH OWNER OR OPERATOR.
- E7 REQUIRES DEDICATED CIRCUIT. PROVIDE J-BOXES AND ELECTRICAL NOTE #16.
- E8 WIRE TO STAINLESS STEEL SAFETY DISCONNECT SWITCH PROVIDED AND INSTALLED BY ELECTRICAL DIVISION AS DETERMINED BY ELECTRICAL ENGINEER.
- E9 DISH MACHINE W/ TABLE LIMIT SWITCH FURNISHED BY EQUIPMENT MANUFACTURER AND INSTALLED BY ELECTRICAL DIVISION.
- E10 INTERWIRE WITH VENT FAN CONTROL SWITCH.
- E11 INTERWIRE TO REMOTE START/ STOP SWITCH.
- E12 INTERWIRE FROM CONTROL PANEL TO TERMINAL BLOCK ON WASTE SYSTEM.
- E13 ELECTRICAL DIVISION TO INTERWIRE DISPOSER MOTOR, CONTROL PANEL, AND SOLENOID PER DETAIL P-4-3.
- E14 PROVIDE UNINTERRUPTED SERVICE TO FIRE PROTECTION SYSTEM AND INTERWIRE TO SHUNT-TYPE CIRCUIT BREAKERS. INTERWIRE TO BUILDING ALARM SYSTEM.
- E15 EXTEND CONDUIT AND WIRING FROM ANSUL SYSTEM TO SOLENOID GAS SHUT OFF VALVE, SHUNT-TRIP BREAKER IN PANEL, AND BUILDING ALARM SYSTEM. INTERWIRE WITH EXHAUST AND SUPPLY FAN MAGNETIC STARTERS AS REQUIRED. REFER TO MANUFACTURERS SHOP DRAWINGS AND APPLICABLE CODES.
- E16 TWO WIRES AND GROUND FROM EXHAUST HOOD AUTOSTART CONTROL TO MAGNETIC STARTER(S) FOR EXHAUST AND SUPPLY FANS (120VAC); TWO WIRES EACH TO THERMOSTAT(S); TWO WIRES TO FIRE SUPPRESSION SYSTEM. INTERCONNECT TO BUILDING MANAGEMENT SYSTEM IF REQUIRED. REFER TO PRELIMINARY SHOP DRAWINGS.
- E17 DOWN FROM ABOVE INSIDE UTILITY CHASE AND BRANCH TO CONNECTION.
- E18 STUB UP FROM FLOOR & MOUNT RECEPTACLE/ J-BOX INSIDE CABINET.
- E19 ELECTRICAL DIVISION TO MAKE INTERCONNECTION AT FIELD JOINTS.
- E20 REFER TO MANUFACTURER'S SHOP DRAWING FOR INTERCONNECTIONS AND WIRING DIAGRAMS.
- E21 CONCEAL MOUNT ELECTRICAL WIRING TO UNDERSIDE OF EQUIPMENT.
- E22 ELECTRICAL DIVISION TO PULL WIRING AND MAKE FINAL CONNECTIONS.
- E23 INTERWIRE W/ LIGHT SWITCH. CONCEAL WIRING INSIDE UPRIGHT/ POST.
- E24 ELECTRICAL DIVISION TO INTERWIRE TO REMOTE CONTROL(S) AS REQUIRED.
- E25 WATER PROOF GFCI RECEPTACLE WITH COVER PROVIDED BY ELECTRICAL DIVISION.
- E26 ELECTRICAL DIVISION TO FURNISH AND INSTALL EMT CONDUIT FOR BEVERAGE LINES FROM REMOTE BEVERAGE SYSTEM TO DISPENSING LOCATION. REFER TO BUILDING WORKS DRAWING DETAILS.
- E27 INTERWIRE EXHAUST HOOD LIGHTS W/ WALL MOUNTED ON/OFF SWITCH MOUNTED @ 48"-AFF.
- E28 PROVIDE J-BOX & CONDUIT FOR RECESSED REMOTE FIRE PULL STATION PER CFL DETAIL C-22-7.
- E29 E.P – EMERGENCY POWER CONNECTION REQUIRED.
- E30 CONNECT TO DRAIN WATER TEMPERING KIT

LEGEND – ELECTRICAL CONNECTIONS

- DUPLEX RECEPT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SIMPLEX RECEPT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SPECIAL PURPOSE OUTLET, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
- SPECIAL PURPOSE OUTLET, 208/240-VOLT AS INDICATED, GROUND TYPE, HORIZONTAL MOUNT
- JUNCTION BOX WITH CONDUIT, STUB AS INDICATED FOR DIRECT CONNECTION
- FIELD WIRING
- SAFETY DISCONNECT SWITCH (SDS)
- TELEPHONE JACK
- SWITCH
- MANUAL PULL (FIRE SUPPRESSION SYSTEM)
- AFF ABOVE FINISHED FLOOR
- DFA DOWN FROM ABOVE
- BTC BRANCH TO CONNECTION
- C.O. CONVENIENCE OUTLET
- E.C. ELECTRICAL CONTRACTOR (DIVISION 26)
- NIC NOT IN CONTRACT

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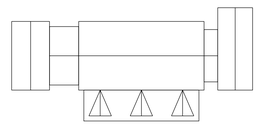
KEY PLAN



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JUNE 01, 22- ISSUE MEP DWGS

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No. Date Revision

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Project Title

CAMP KAUFMANN
GIRL SCOUTS OF
GREATER NEW YORK
81 CAMP ROAD
HOLMES, NY 12531

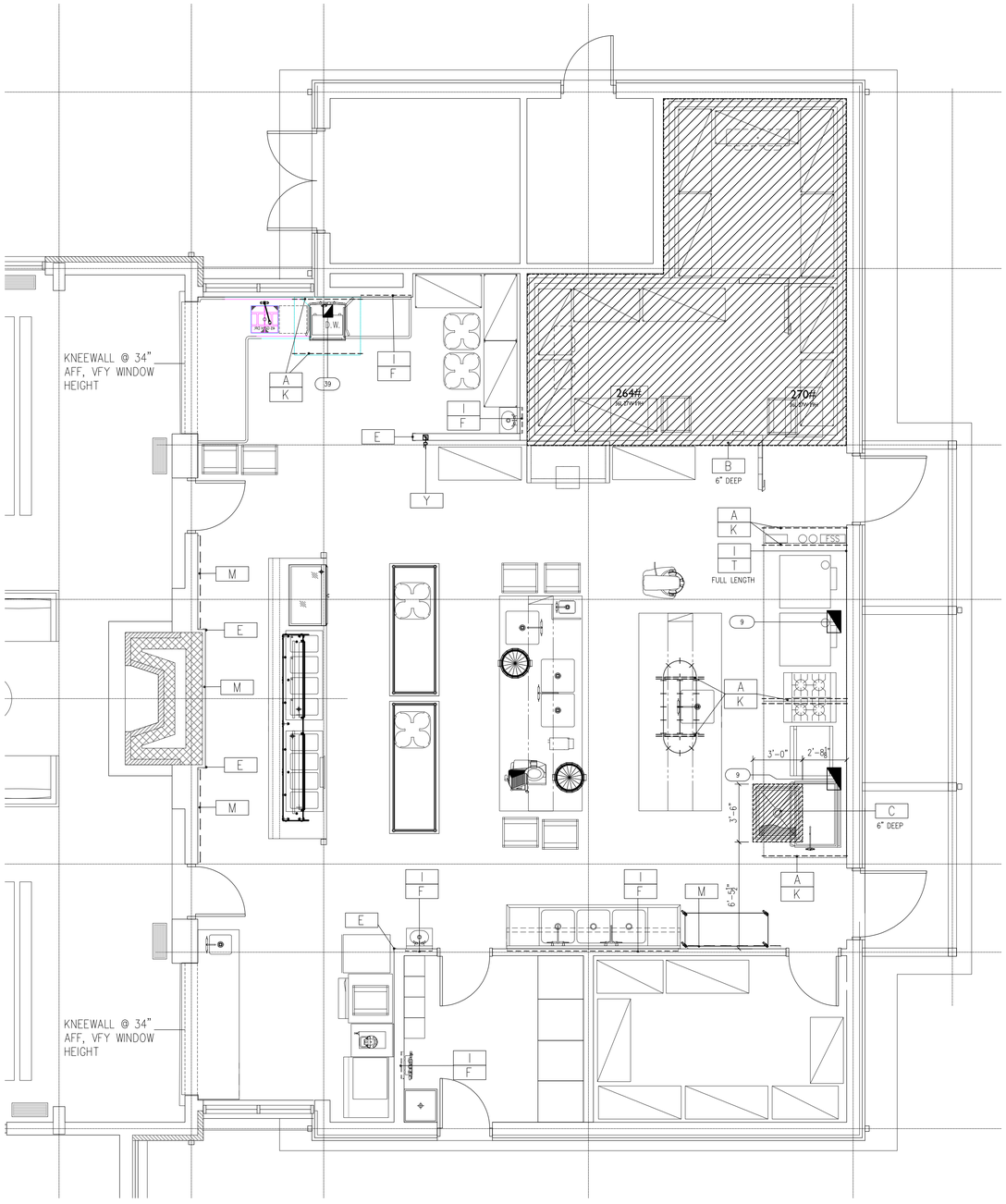
Drawing Title

ELECTRICAL PLAN

Seal & Signature

Date:	03/18/2022
PROJECT No:	2005
DRAWN BY:	CMN, JL
CHK BY:	JL
DWG No:	KA-3
CADD FILE No:	

W:\2005 Girl Scouts of Greater NY



CONDITIONS SCHEDULE

ITEM NO	QTY	ITEM NAME	EXH DEPTH	EXH WIDTH	EXH (CFM)	EXH (S.P.)	REMARKS	ITEM NO
9	1	EXHAUST HOOD W/UTILITY CABINET	2) 16	2) 10	1758 EA	.812"	M1, M4, M5	9
39	1	CONDENSATE HOOD	7	9	525	.079"	M1, M5	39

SPECIAL BUILDING CONDITIONS

- A GENERAL CONTRACTOR TO FURNISH AND INSTALL 3"X3"X1/4" (75X75X6) Z-BAR TO UNDERSIDE OF STRUCTURAL SLAB ABOVE - COORDINATE INSTALLATION WITH THE FOOD SERVIDE EQUIPMENT CONTRACTOR.
- B GENERAL CONTRACTOR TO PROVIDE _6"_ DEEP DEPRESSION FROM FINISHED FLOOR TO RECEIVE WALK-IN BOX FLOOR INSULATION AND FINISHED FLOOR. SEE WALK-IN BOX DETAILS.
- C GENERAL CONTRACTOR TO PROVIDE _6"_ DEEP DEPRESSION TO RECEIVE STAINLESS STEEL FLOOR TROUGH BY FOOD SERVICE EQUIPMENT CONTRACTOR. SEE FLOOR TROUGH DETAIL.
- D ARCHITECT TO SPECIFY MILLWORK TRAYSLIDE AND FRONT. REFER TO ARCHITECT'S DRAWINGS FOR DETAILS.
- E ARCHITECT TO SPECIFY #16 GA. STAINLESS STEEL CORNER GUARDS TO GENERAL CONTRACTOR FOR INSTALLATION.
- F GENERAL CONTRACTOR TO INSURE ALL WALLS ARE PROPERLY REINFORCED TO SUPPORT ALL WALL MOUNTED EQUIPMENT.
- G GENERAL CONTRACTOR TO INSURE WALL DEPTH IS SUFFICIENT TO RECEIVE CONTROL PANEL (ITEM #_____) PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR.
- H MILLWORK BASE SPECIFIED BY ARCHITECT TO ACCOMMODATE UTILITY ROUTING.
- I WALL TO BE FINISHED WITH A DURABLE, WASHABLE, NON-POROUS SURFACE; PAINTED DRY WALL IS NOT ACCEPTABLE.
- J DIVISION 26 TO PROVIDE EMPTY 6" DIA. METAL CONDUIT FOR RUN OF BEVERAGE LINES FROM SODA SYSTEM TO SODA DISPENSING LOCATIONS. ALL BENDS TO BE EASY SWEEP (NO 90 DEGREE BENDS).
- K FOOD SERVICE EQUIPMENT CONTRACTOR TO COORDINATE LOCATIONS OF ALL CEILING HUNG EQUIPMENT (VENTILATORS, UTENSIL RACKS, ETC.) WITH GENERAL CONTRACTOR TO INSURE NO INTERFERENCE BETWEEN PIPING, CONDUIT, DUCTWORK, LIGHTS, ETC. AND SECURING OF FOOD SERVICE EQUIPMENT TO BUILDING SLAB/STRUCTURE OCCURS.
- L GENERAL CONTRACTOR TO PROVIDE CLEAR OPENING IN WALL TO RECEIVE STAINLESS STEEL WINDOW FRAME AND BUCK PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR. GENERAL CONTRACTOR TO INSTALL. FOOD SERVICE EQUIPMENT CONTRACTOR TO COORDINATE. SEE DETAIL THIS SHEET.
- M ARCHITECT TO SPECIFY WALL PROTECTION MOUNTED @ 34" O.C. ABOVE FINISHED FLOOR.
- N ARCHITECT TO SPECIFY 3"X3"X48" HIGH "ACROVYN" CORNER GUARDS; COLOR AND PATTERN TO BE SELECTED BY ARCHITECT.
- O GENERAL CONTRACTOR TO PROVIDE CLEAR OPENING IN WALL TO RECEIVE HEATED AND/OR REFRIGERATED EQUIPMENT BY F.S.E.C. GENERAL CONTRACTOR TO ALLOW 1/2" CLEARANCE ON BOTH SIDES AND TOP(S) OF UNIT(S). F.S.E.C. TO PROVIDE ALL NECESSARY STAINLESS STEEL TRIM FOR BOTH SIDES OF WALL, UNLESS OTHERWISE DIRECTED BY ARCHITECT.
- P CONCRETE PAD BY GENERAL CONTRACTOR TO BE 6" HIGH AND NOTCHED FOR FLOOR DRAINS. ALL EXPOSED SURFACES TO BE FINISHED SAME AS FINISHED FLOOR. PAD TOPS TO BE SEALED AND WATERPROOF.
- Q CONCRETE PAD BY GENERAL CONTRACTOR TO BE 6" HIGH. ALL EXPOSED SURFACES INCLUDING TOP TO BE FINISHED SAME AS FINISHED FLOOR. TOP TO ACT AS FOOT REST FOR CASHIER.
- R VENTILATION DIVISION TO NOTE: EXHAUST AIR GRILL REQUIRED IN THIS AREA TO AVOID HEAT/MOISTURE BUILD-UP.
- S WALL(S) TO BE LINED WITH "DUROCK" TILE BACKER BOARD, FULL HEIGHT. WALL FINISH TO BE SPECIFIED BY ARCHITECT.
- T STAINLESS STEEL WALL FLASHING, FURNISHED BY FSE CONTRACTOR.
- U REFRIGERATION LINE TO REMOTE REFRIGERATION UNIT.
- V ARCHITECT TO SPECIFY LOUVERED OPENINGS IN MILLWORK BASE CABINET FOR FLOW - THRU VENTILATION OF SELF-CONTAINED REFRIGERATION SYSTEM AT THIS LOCATION. REFER TO MANUFACTURER'S RECOMMENDATIONS.
- W COORDINATE FINISHED CEILING HEIGHT WITH OVERALL HEIGHT OF EQUIPMENT (ABOVE FINISHED FLOOR) AT THIS LOCATION.
- X FLOOR FINISH IN "FLOORLESS" COOLER (ON GRADE) SPECIFIED BY ARCHITECT. AT MINIMUM, FLOOR TO BE LEVEL, SMOOTH AND SEALED.
- Y RECESS FOR FLUSH WALL MOUNTED REMOTE FIRE PULL STATION.
- Z ARCHITECT TO ACCOMMODATE SERVICE ACCESS TO EQUIPMENT IN MILLWORK BASE CABINET PER MANUFACTURER RECOMMENDATIONS.

WALL FLASHING
WALL BACKING
HOOD SUPPORT
CORNER GUARD
BEVERAGE CONDUIT- BEER/SODA
REFRIG. CHASE LINES
RECESSED/REMOTE FIRE PULL

MECHANICAL REMARKS LEGEND

- M1 DUCTWORK SHALL BE CORROSION-RESISTANT STAINLESS STEEL AND SHALL BE SLOPED TO DRAIN BACK TOWARDS HOOD OR VENT.
- M2 ALL DUCT WORK PER NFPA96. ACCOUNT FOR CLEANOUTS AS REQUIRED.
- M3 REFER TO HVAC ENGINEER / MAKE-UP AIR DELIVERY GUIDELINES NOTE
- M4 REFRIGERATION SUCTION AND LIQUID LINES OF SIZE AND CAPACITY TO SUIT THE REMOTE APPLICATION TO BE PROVIDED AND INSTALLED BY THE F.S.E.C. ARCHITECT/ENGINEER TO ACCOMMODATE ROUTING FROM REMOTE CONDENSER LOCATION TO REFRIGERATED EQUIPMENT LOCATION. F.S.E.C. TO COORDINATE INSTALLATION WITH GC.
- M5 REFER TO MANUFACTURER'S PRELIMINARY SHOP DRAWINGS.

BUILDING WORKS SYMBOLS/NOTES

- NON-COMBUSTIBLE WALL
- MILLWORK BASE BY ARCHITECT
- FINISHED CONCRETE PAD - FOOT REST HEIGHT AS NOTED
- FLOOR DEPRESSION - DEPTH AS NOTED BELOW FINISH FLOOR, SMOOTH & LEVEL
- CORNER GUARD

NOTE: ALL BUILDING WORKS DIMENSIONS INDICATED ARE FROM FINISH SURFACE TO FINISH SURFACE UNLESS NOTED OTHERWISE

LEGEND - MECHANICAL CONNECTIONS

- EXHAUST DUCT CONNECTION
- MAKE-UP AIR DUCT CONNECTION
- DIRECT VENT, ATMOSPHERIC
- EXHAUST AIR CEILING GRILL

NOTE TO HVAC ENGINEER:

MAKE-UP AIR THAT IS NOT INTEGRAL TO THE EXHAUST HOOD SHOULD BE PLANNED AS FOLLOWS:

NO DIFFUSERS TO EXCEED 150 FPM FACE VELOCITY WITHIN 6'-0" OF THE HOOD FROM ALL SIDES AND NO DIFFUSERS CLOSER THAN 15'-0" ALL SIDES IF THE VELOCITY IS ABOVE 300 FPM.

MAX VELOCITY OF MUA FROM TRANSFER AIR, DIFFUSERS, ETC. NOT TO EXCEED 75 FPM AT VENTILATOR TIP. CROSS DRAFTS FROM WINDOWS, HALLWAYS, OPENINGS NOT TO EXCEED 50 FPM.

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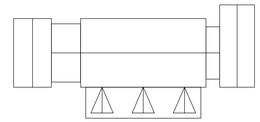
PROGRESS ISSUE NOT FOR CONSTRUCTION
REFER TO DETAIL SHEETS KA-5 AND KA-6 FOR ADDITIONAL INFORMATION

KEY PLAN



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Drawing Title

SPECIAL CONDITIONS PLAN

Seal & Signature

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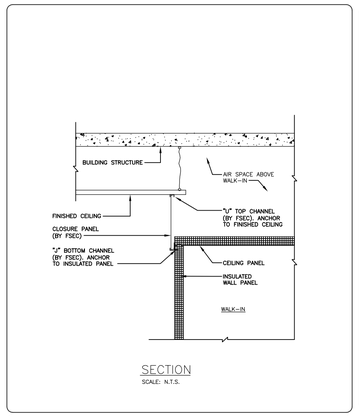

SECTION
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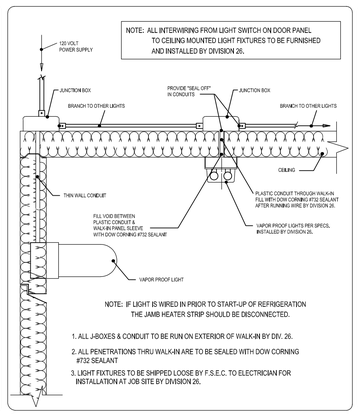
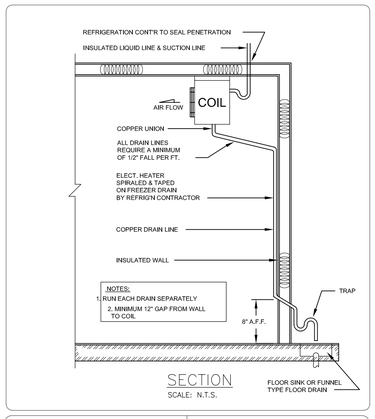
CLOSURE PANEL ABOVE WALK-IN DETAIL

11-01-12 CRS-2-1



WALK-IN REFRIGERATOR LIGHT INSTALLATION

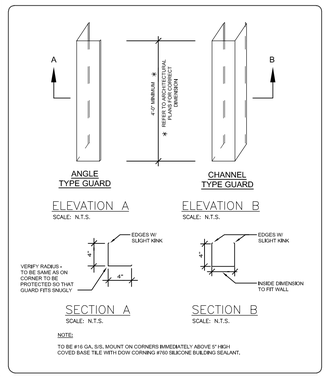
02-16-12 E-1-4



SECTION
SCALE: N.T.S.

COIL DRAIN LINE DETAIL

10-12-12 P-1-2



ELEVATION A
SCALE: N.T.S.

ELEVATION B
SCALE: N.T.S.

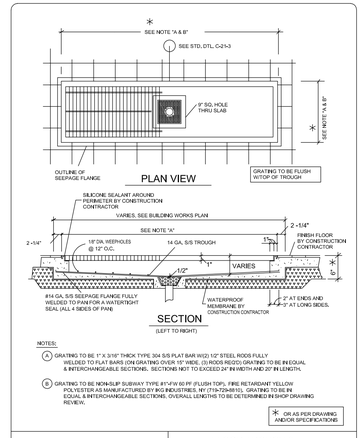
SECTION A
SCALE: N.T.S.

SECTION B
SCALE: N.T.S.

NOTE:
TO BE #16 GA. S/S. MOUNT ON CORNERS IMMEDIATELY ABOVE 5" HIGH COVED BASE TILE WITH DOW CORNING #700 SILICONE BUILDING SEALANT.

CORNER GUARD DETAIL

12-18-12 C-24-2



NOTES:

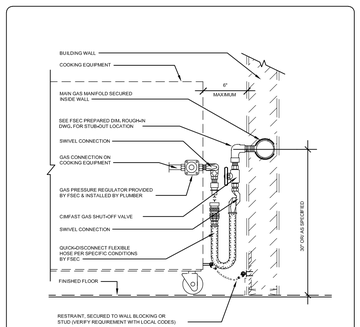
A GRATING TO BE 1" X 3/16" THICK TYPE 304 S/S FLAT BAR W/(2) 1/2" STEEL RODS FULLY WELDED TO FLAT BARS (ON GRATING OVER 15" WIDE, (3) RODS REQ'D) GRATING TO BE IN EQUAL & INTERCHANGEABLE SECTIONS. SECTIONS NOT TO EXCEED 24" IN WIDTH AND 20" IN LENGTH.

B GRATING TO BE NON-SLIP SUBWAY TYPE #1"-FW 60 PF (FLUSH TOP). FIRE RETARDANT YELLOW POLYESTER AS MANUFACTURED BY IKG INDUSTRIES, NY (719-729-9810). GRATING TO BE IN EQUAL & INTERCHANGEABLE SECTIONS. OVERALL LENGTHS TO BE DETERMINED BY SHOP DRAWING REVIEW.

* OR AS PER DRAWING AND/OR SPECIFICATIONS

FLOOR TROUGH & GRATING ASSEMBLY

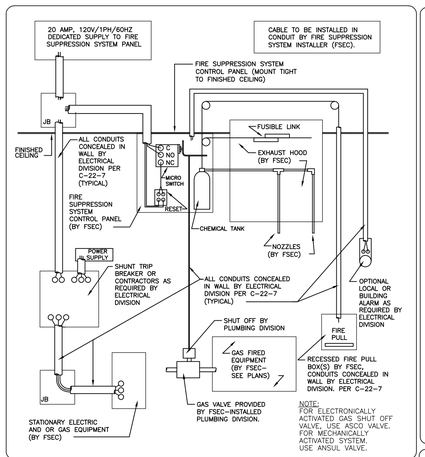
AUG 01 C-21-1



DORMONT GAS QUICK-DISCONNECT INSTALLATION
SCALE: N.T.S.

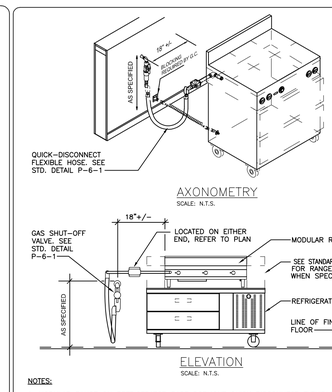
GAS HOSE INSTALL FOR FREE STANDING EQUIPMENT

05-24-12 P-6-1



TYPICAL FIRE SUPPRESSION SYSTEM

05-08-12 C-22-6

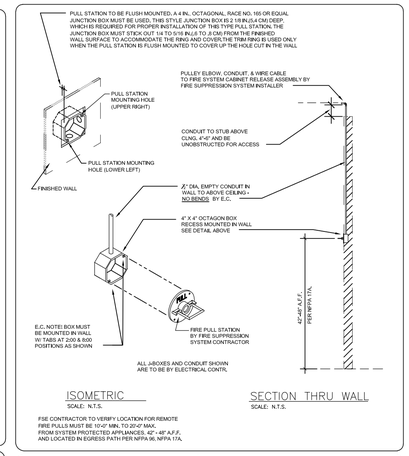


NOTES:

1. MODULAR RANGE ON REFRIGERATOR BASE DORMONT QUICK DISCONNECT FLEXIBLE HOSE WITH CIMFAST VALVE AND DOUBLE SWIVEL, CONNECTED TO REGULATOR, FURNISHED BY FSEC AND INSTALLED BY DIV. 22.
2. STUB-OUT GAS SHUT-OFF VALVE AT 30"± AFF. HORIZONTAL OFFSET OF 18"±. REFER TO PLAN

GAS HOSE INSTALL FOR MODULAR EQUIPMENT

02-04-13 P-6-2



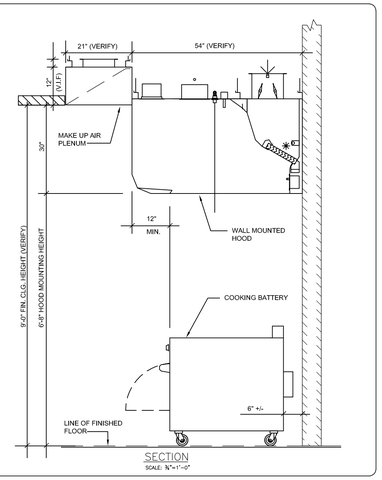
ISOMETRIC
SCALE: N.T.S.

SECTION THRU WALL
SCALE: N.T.S.

FSE CONTRACTOR TO VERIFY LOCATION FOR REMOTE FIRE PULLS MUST BE 10'-0" MIN. TO 20'-0" MAX., FROM SYSTEM PROTECTED APPLIANCES, 42"-48" A.F.F., AND LOCATED IN EGRESS PATH PER NFPA 96, NFPA 17A.

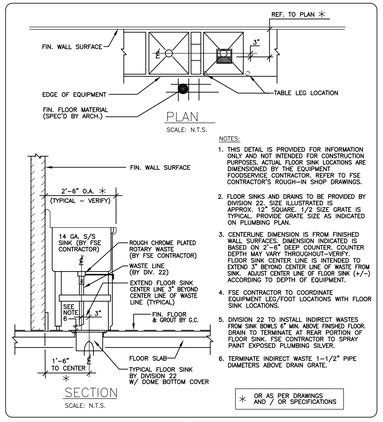
FIRE SYSTEM REMOTE PULL DETAIL (CONDUIT CONCEALED TO ABOVE CEILING)

06/06/2012 C-22-7



SECTION THRU COOKING BATTERY WALL MOUNTED HOOD & MAKE UP AIR PLENUM

04-24-12 M-1-3



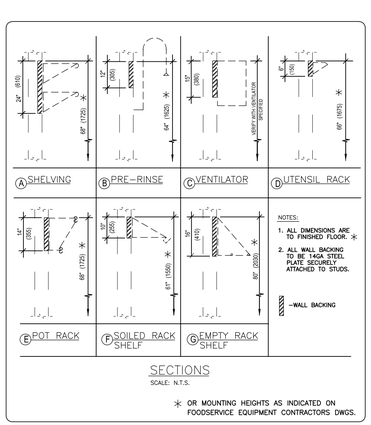
NOTES:

1. THIS DETAIL IS PROVIDED FOR INFORMATION ONLY AND NOT INTENDED FOR CONSTRUCTION PURPOSES. ACTUAL FLOOR SINK LOCATIONS ARE DIMENSIONED BY THE EQUIPMENT FOODSERVICE CONTRACTOR. REFER TO FSE CONTRACTOR'S ROUGH-IN SHOP DRAWINGS.
2. FLOOR SINKS AND DRAINS TO BE PROVIDED BY DIVISION 22. SIZE ILLUSTRATED IS APPROX. 12" SQUARE. 1/2 SIZE GRATE IS TYPICAL. PROVIDE GRATE SIZE AS INDICATED ON PLUMBING PLAN.
3. CENTERLINE DIMENSION IS FROM FINISHED WALL SURFACE. DIMENSION INDICATED IS BASED ON 2'-6" DEEP COUNTER. COUNTER DEPTH MAY VARY THROUGHOUT-VERIFY. FLOOR SINK CENTER LINE IS INTENDED TO EXTEND 3" BEYOND CENTER LINE OF WASTE FROM SINK. ADJUST CENTER LINE OF FLOOR SINK (+/-) ACCORDING TO DEPTH OF EQUIPMENT.
4. FSE CONTRACTOR TO COORDINATE EQUIPMENT LEG/FOOT LOCATIONS WITH FLOOR SINK LOCATIONS.
5. DIVISION 22 TO INSTALL INDIRECT WASTES FROM SINK BOWLS 6" MIN. ABOVE FINISHED FLOOR. DRAIN TO TERMINATE AT REAR PORTION OF FLOOR SINK. G.C. CONTRACTOR TO SPRAY PAINT EXPOSED PLUMBING SILVER.
6. TERMINATE INDIRECT WASTE 1-1/2" PIPE DIAMETERS ABOVE DRAIN GRATE.

* OR AS PER DRAWINGS AND / OR SPECIFICATIONS

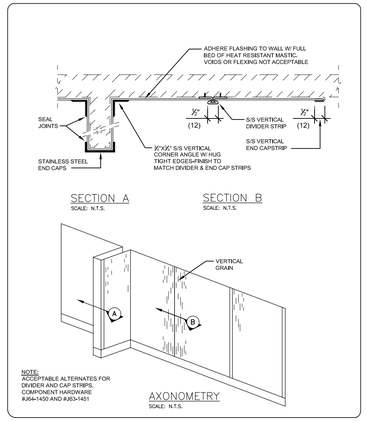
TYPICAL FLOOR SINK / DRAIN LOCATION DETAIL

10-29-12 P-1-1



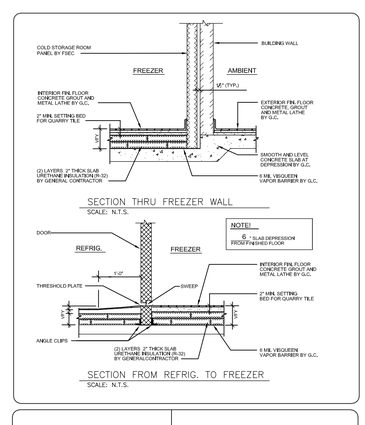
WALL BACKING DETAIL

11-02-12 C-1-2A



WALL FLASHING DETAIL

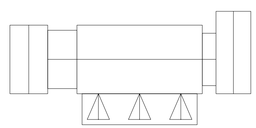
11-23-12 C-2-11



WALK-IN REFRIGERATOR/ FREEZER FLOOR DETAIL

06-11-12 CER-1-2

KEY PLAN



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Seal & Signature

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KA-5

CADD FILE No:

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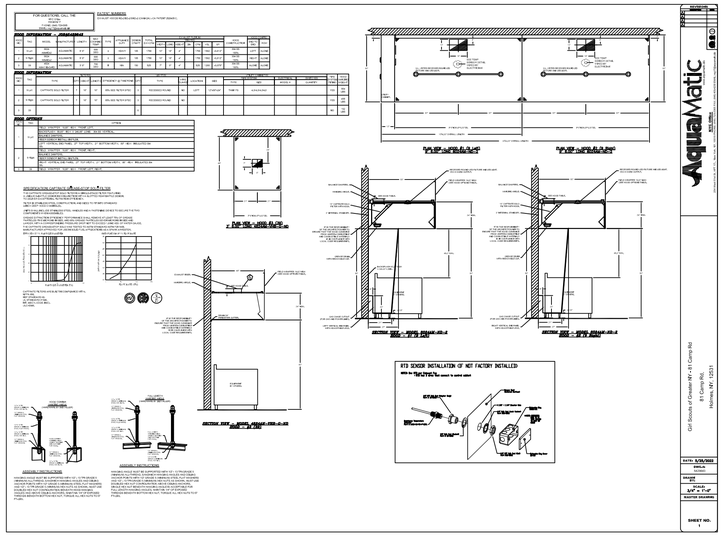
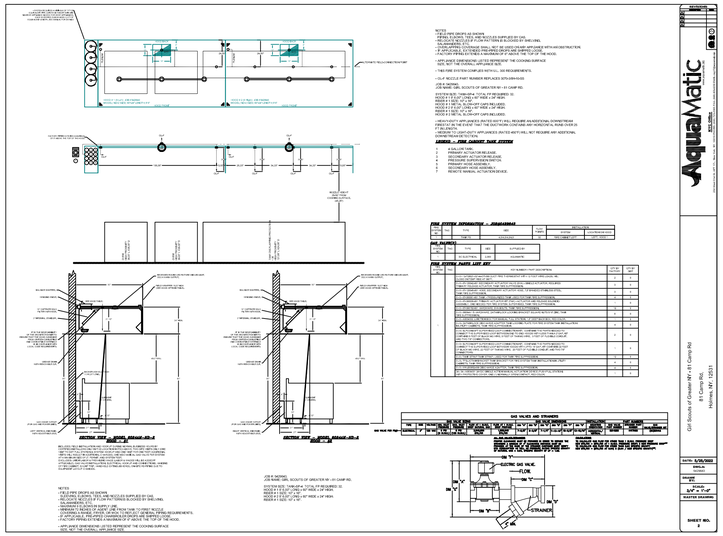
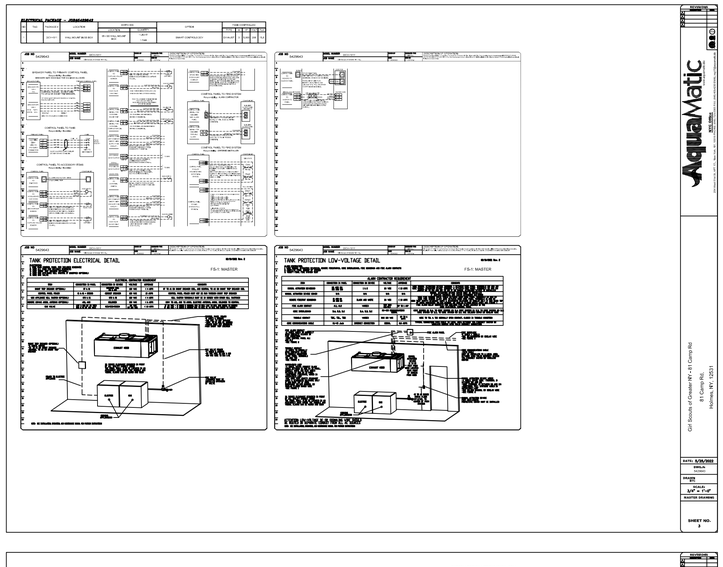
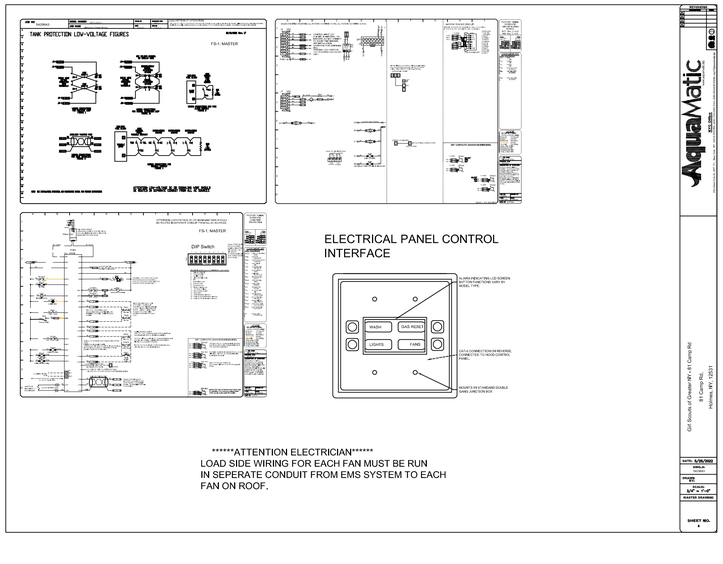
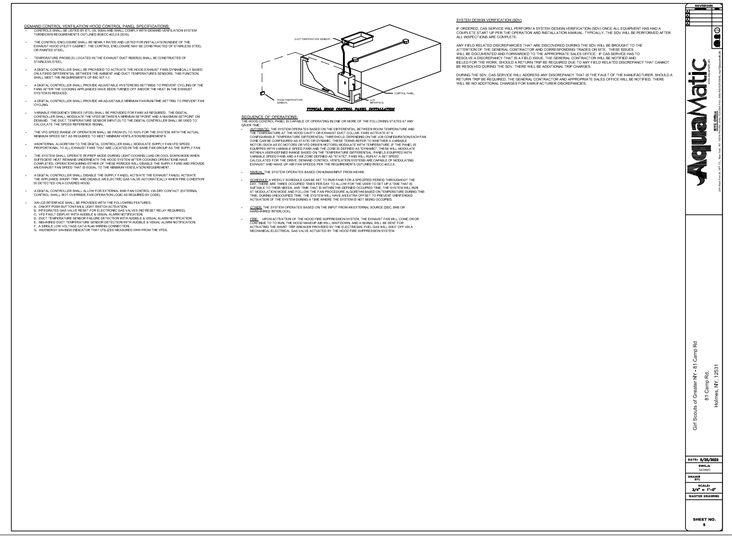


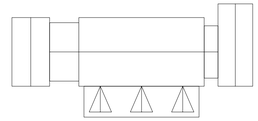








KEY PLAN



N.T.S.

JUNE 01, 22- ISSUE MEP DWGS

1.

No. Date Revision

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Project Title

CAMP KAUFMANN
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81 CAMP ROAD
HOLMES, NY 12531

Drawing Title

EXHAUST HOOD DETAILS

Seal & Signature

Date: 03/18/2022
PROJECT No: 2005
DRAWN BY: CMN, JL
CHK BY: JL
DWG No: KA-6
CADD FILE No:

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