

North White Plains Community Center

North Castle, NY

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LIST OF DRAWINGS

ARCHITECTURAL:

- A0.0 TITLE SHEET
- A1.0 DEMO PLAN AND DEMO RCP PLAN
- A2.0 CONSTRUCTION PLAN
- A3.0 TELE/ DATA AND POWER PLAN
- A4.0 RCP PLAN
- A5.0 ROOF PLAN
- A6.0 DOOR SCHEDULE AND DETAILS
- A7.0 FLOOR TRANSITIONS AND PARTITION TYPES
- A8.0 FINISH SCHEDULE
- A9.0 TOILET ELEVATIONS
- A9.1 TOILET ELEVATIONS
- A9.2 TOILET ELEVATIONS
- A10. MILLWORK PLANS / ELEVATIONS
- A11 MILLWORK DETAILS / DETAILS
- A12 WALL SECTION / DETAILS

MECHANICAL:

- M0.1 - MECHANICAL SYMBOLS, ABBREVIATIONS, & NOTES
- M2.1 - MECHANICAL DEMOLITION & NEW WORK PLANS
- M5.1 - MECHANICAL DIESEL FUEL PIPING SCHEMATIC DIAGRAM
- M6.1 - MECHANICAL SCHEDULES
- M7.1 - MECHANICAL DETAILS

ELECTRICAL:

- E0.1 - ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES
- E1.1 - ELECTRICAL DEMOLITION PLAN
- E3.1 - ELECTRICAL NEW WORK POWER & RCP PLANS
- E5.1 - ELECTRICAL DIAGRAMS
- E6.1 - ELECTRICAL SCHEDULES
- E7.1 - ELECTRICAL DETAILS

PLUMBING:

- P0.1 - PLUMBING SYMBOLS, ABBREVIATIONS, NOTES, & SCHEDULE
- P2.1 - PLUMBING DEMOLITION & NEW WORK PLANS
- P3.1 - PLUMBING SITE PLAN
- P7.1 - PLUMBING DETAILS

FIRE PROTECTION:

- SPO.1 - SPRINKLER SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES, & DETAILS
- SP2.1 - SPRINKLER DEMOLITION & NEW WORK PLANS

LIST OF SPECIFICATIONS

SEE SEPARATE BID PACKAGE AND SPECIFICATIONS

Owner:

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Date Issue

11-02-20 BIDDING ONLY

Project Title

North White Plains Community Center
North Castle, NY

10 Clove Rd,
White Plains, NY 10603

Drawing Title

TITLE SHEET

Project No.

20202

Date

11-02-20

Scale

As Noted

Drawing by

JPS/KA

Checked by

Drawing No.

A0.0

GENERAL NOTES

1. AS REQUIRED BY THE SPECIFICATIONS, ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE BUILDING CODES:

- 2020 BUILDING CODE OF N.Y.S. (*)
- 2020 EXISTING BUILDING CODE N.Y.S. (**)
- 2020 ENERGY CONSERVATION CODE OF N.Y.S.
- 2020 MECHANICAL CODE OF N.Y.S.
- 2020 PLUMBING CODE OF N.Y.S.
- 2020 FIRE CODE OF N.Y.S.
- 2020 FUEL GAS CODE OF N.Y.S.
- NATIONAL ELECTRIC CODE
- NATIONAL FIRE UNDERWRITER CODE

(*) ADDITION - BUILDING CODE OF NYS 2020

(**) ALTERATION WORK IS CLASSIFIED AS A LEVEL 2 ALTERATION UNDER THE 2020 EXISTING BUILDING CODE OF NYS - AREA IS LESS THAN 50% OF BUILDING S.F.

VERIFY RESPONSIBILITIES FOR OBTAINING A GENERAL BUILDING PERMIT (OWNER SECURED OR CONTRACTOR SECURED). THE ARCHITECT MAY ASSIST IN PROVIDING INFORMATION FOR SUBMITTING THE PERMIT APPLICATION BUT IS NOT RESPONSIBLE FOR FINALIZING OWNER AND CONTRACTOR DATA (LICENSE CERTIFICATES, INSURANCE CERTIFICATES, ETC) OR SUBMITTING CERTIFICATIONS BY THE ARCHITECT AT ANY POINT DURING THE PERMIT, CONSTRUCTION OR CERTIFICATE OF OCCUPANCY PROCESS. NOTIFY ARCHITECT IN ADVANCE DURING INITIAL PERMIT PROCESS. CONTRACTORS, SUB-CONTRACTORS AND/OR VENDORS SHALL SECURE ALL REQUIRED LICENSES, TRADE PERMITS AND INSPECTIONS.

2. THE CONSTRUCTION AND/OR PERMIT DOCUMENTS REPRESENT A GENERAL OVERVIEW OF THE CONSTRUCTION WORK AND CONTAIN VARIOUS DETAIL SUPPORT OF MEANS AND METHODS. THE CONSTRUCTION DOCUMENTS DO NOT REPRESENT EXHAUSTIVE INFORMATION DEPICING ALL ASPECTS OF GENERALLY ACCEPTED INDUSTRY STANDARDS AND/OR CODE REQUIREMENTS. THE CONTRACT DRAWINGS DO NOT DESCRIBE ALL MEANS, METHODS AND COMPONENTS TO COMPLETE THE CONTRACT WORK. VARIOUS ASPECTS OF INSTALLATIONS AND ASSEMBLIES ARE ALSO AS REQUIRED AND DIRECTED BY EACH MANUFACTURER'S UNIQUE PRODUCTS. THESE REQUIREMENTS MAY BE PERFORMANCE ESTABLISHED, CODE ESTABLISHED OR BOTH. ITEMS, ASSEMBLIES, COMPONENTS, MEANS AND METHODS REQUIRED TO SUPPLY AND INSTALL THE WORK AS REQUIRED BY THE CONSTRUCTION DOCUMENTS (DRAWINGS, SPECIFICATIONS AND CONSTRUCTION CONTRACT) ARE CONSIDERED TO BE INCLUDED IN THE SCOPE OF CONTRACT WORK.

3. DISCREPANCIES, CONFLICTS OR PERCEIVED OMISSIONS FOUND IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER FOR CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK.

4. PLUMBING SYSTEM COMPONENTS AND LAYOUT, HYAC SYSTEM COMPONENTS AND LAYOUT, FIRE SPRINKLER SYSTEM COMPONENTS AND LAYOUT AND PRIMARY ELECTRICAL COMPONENT LAYOUT AND COORDINATION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND RELATED TRADES. FIELD ENCOUNTERED CONFLICTS SHALL BE COORDINATED BY SAID TRADES AND CONFIRMED WITH THE ARCHITECT AND OWNER.

6. DO NOT SCALE DRAWINGS. RELY ON THE NUMERICAL DIMENSION MATRIX AS PRIMARY DIMENSIONAL INFORMATION. WHERE QUESTIONS OCCUR DURING THE BIDDING OR CONSTRUCTION PROCESS, CONFIRM ALL CIRCUMSTANCES REGARDING DIMENSIONAL QUESTIONS OR CONFLICTS WITH THE ARCHITECT PRIOR TO PROCEEDING WITH SCOPE ANALYSIS OR INSTALLATION.

7. TYPICALLY, DIMENSIONS ARE TO EDGE OF SLAB, FACE OF STUD, FACE OF CONCRETE, CENTER OF DOOR, CENTER OF WINDOW AND CENTER OF PLUMBING FIXTURE, UNLESS OTHERWISE NOTED.

8. WHERE LOCATION OF DOORS ARE NOT DIMENSIONED THEY SHALL BE CENTERED IN THE WALL OR PLACED 6" FROM ADJACENT WALL.

9. ALL WORK SHALL BE INSTALLED BY SKILLED TRADESMAN AND MECHANICS TRAINED AND FAMILIAR WITH MEANS AND METHODS OF THEIR SPECIFIC TRADE. ALL TRADES SHALL HAVE A REPRESENTATIVE ON SITE WITH A COMMAND OF THE ENGLISH LANGUAGE. ALL WORK SHALL BE PLUMB, LEVEL, TRUE AND SQUARE IN THE CONTEXT OF THE DESIGN. ALIGNMENT OF MULTIPLE COMPONENTS SHALL BE COORDINATED AMONG TRADES.

10. PRODUCT SUBSTITUTIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO THE COMMENCEMENT OF THE RELATED INSTALLATION FOR REVIEW AND APPROVAL BY OWNER AND ARCHITECT. WHERE PROCUREMENT TIME FOR A PROPOSED SUBSTITUTION IS GREATER THAN TWO WEEKS, ALLOW AN ADEQUATE PERIOD FOR REVIEW TO PREVENT DELAYS IN THE CONSTRUCTION SEQUENCE.

11. INSTALL ALL FIXTURES, EQUIPMENT AND MATERIAL PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. PROVIDE ALL WARRANTY MANUALS, CERTIFICATES OR LITERATURE. REGISTER PRODUCTS AS REQUIRED BY MANUFACTURER. ALL MATERIAL, FIXTURES, COMPONENTS AND WORKMANSHIP SHALL BE WARRANTED FOR A MINIMUM OF ONE YEAR.

12. ALL TRADES SHALL VERIFY, COORDINATE AND CONFIRM CLEARANCES FOR FLUES, VENTS, CHASES, SOFFITS, FIXTURES, ETC., BEFORE INSTALLATION OF SAME.

13. ALL FOOTING BOTTOMS SHALL BE A MINIMUM OF 3'-6" BELOW GRADE. FOOTING BOTTOMS SHALL BE ON UNDISTURBED SOIL WITH A MINIMUM BEARING CAPACITY OF 2,000 LBS PER SQUARE FOOT. ROCK SHALL BE SOLID AND STABLE. FIN FOOTINGS TO ROCK AS DIRECTED BY ARCHITECT IN FIELD. FOOTING BOTTOMS, TRENCHES AND FORM-WORK SHALL BE FREE OF DEBRIS AND MOISTURE PRIOR TO PLACING REINFORCING AND CONCRETE. WHERE SOIL OR ROCK CONDITIONS DO NOT MEET THE ABOVE PERFORMANCE STANDARDS, REVIEW CONDITIONS WITH ARCHITECT AND OWNER IN FIELD PRIOR TO PROCEEDING WITH WORK.

14. PITCH ALL FINISH GRADE CONDITIONS AWAY FROM BUILDING PERIMETER AND COMPLY WITH THE INTENT OF THE SITE GRADING PLAN.

15. FRAMING MATERIAL IN CONTACT WITH FOUNDATION OR OTHER POTENTIAL HIGH MOISTURE ENVIRONMENTS SHALL BE WGLMANIZED PRESSURE TREATED MATERIAL. INSTALLATION REQUIREMENTS MAY ALSO INCLUDE FLASHING AND OR OTHER MOISTURE MANAGING COMPONENTS AND MATERIALS.

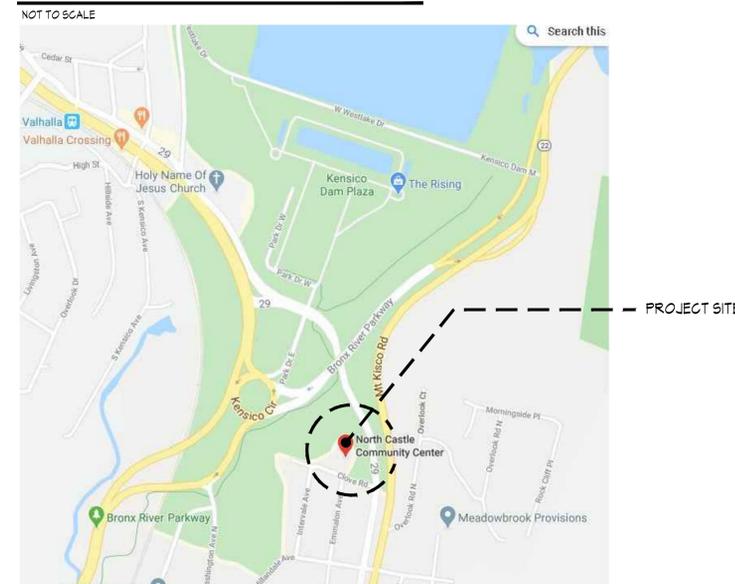
16. FIRE/SMOKE DETECTION OR ALARM DEVICES SHALL REMAIN OPERATIONAL DURING CONSTRUCTION AND ACTIVE PROVIDE TEMPORARY SUPPORT FOR DEVICES. ADJUSTMENTS TO BE COORDINATED AND SUPERVISED SHUTDOWNS AND STARTUP TO BE COORDINATED WITH ONSITE STAFF.

17. FIRE EXTINGUISHERS SHALL BE ON SITE DURING CONSTRUCTION AS PER NYS FIRE CODE.

18. A FIRE SPRINKLER SYSTEM IS TO BE MAINTAINED AND ADJUSTED AS REQUIRED IN COMPLIANCE WITH THE BUILDING CODE OF NYS AND NFPA. THE SYSTEM SHALL BE DESIGNED BY A LICENSED ENGINEER AND DOCUMENTED IN SPRINKLER SHOP DRAWINGS AND SIGNED AND SEALED BY THE DESIGN ENGINEER. SHOP DRAWINGS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT. COORDINATION OF SYSTEM COMPONENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR CONSTRUCTION MANAGER.

19. A FIRE ALARM AND DETECTION SYSTEM IS TO BE MAINTAINED AND ADJUSTED AS REQUIRED IN COMPLIANCE WITH THE BUILDING CODE OF NYS AND NFPA. THE SYSTEM SHALL BE DESIGNED AND SIGNED & SEALED BY A LICENSED ENGINEER AND DOCUMENTED IN FIRE ALARM AND DETECTION SHOP DRAWINGS. THE OWNER'S VENDOR SHALL SUBMIT SHOP DRAWINGS TO THE BUILDING DEPARTMENT. COORDINATION AND SYSTEM COMPONENTS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER.

LOCATION MAP

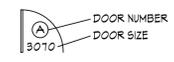
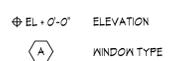
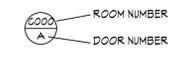
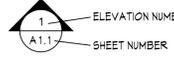


ABBREVIATIONS

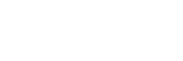
ABV	ABOVE	JG	JANITOR'S CLOSET
A.C.T.	ACQUANTICAL CEILING TILE	JT	JOINT
ADJ	ADJACENT	LAV	LAVATORY
ADA	AMERICANS DISABILITY ACT	LH	LEFT HAND
AFF	ABOVE FINISH FLOOR	L	LENGTH
ALT	ALTERNATE/ALTERNATIVE		
ALUM	ALUMINUM	MFGR	MANUFACTURER
APFD	APPROVED	MATL	MATERIAL
APPROX	APPROXIMATE	MAX	MAXIMUM
ARCH	ARCHITECTURAL	MEGH	MECHANICAL
AUTO	AUTOMATIC	MEP	MECH, ELEC, PLUMB
AVG	AVERAGE	MTL	METAL
		MIN	MINIMUM
BLKS	BLOCKING	MISC	MISCELLANEOUS
BD	BOARD	MTG	MOUNTING
BC	BRICK COURSE		
BLDG	BUILDING	N	NORTH
		N/A	NOT APPLICABLE
CB	CATCH BASIN	NC	NOT IN CONTRACT
CLS	CEILING	NTS	NOT TO SCALE
CL	CENTERLINE		
CER	CERAMIC		
CT	CERAMIC TILE	OC	ON CENTER
CLO	CLOSET	OPNG	OPPOSITE
COL	COLUMN	OPP	OPPOSITE
COMM	COMMUNICATION	OVD	OVERHEAD
CONG	CONCRETE		
CMU	CONCRETE MASONRY UNIT	FR	PAIR
CONST	CONSTRUCTION	PART.	PARTIAL
CONT	CONTINUOUS	PH	PHASE
COORD	COORDINATE	PLUMB	PLUMBING
CORR	CORRIDOR	PC	PLUMBING CONTRACTOR
		PLYWD	PLYWOOD
DEMO	DEMOLITION	POLY	POLYETHYLENE
D	DEPTH	PROJ	PROJECT
DETL	DETAIL		
DIA	DIAMETER	RD	ROUND
DR	DOOR	RE	REFER
DN	DOWN	REFRIG	REFRIGERATOR
DWG	DRAWING	REINF	REINFORCEMENT
DF	DRINKING FOUNTAIN	REL	RELOCATE
		REQD	REQUIRED
EA	EACH	RH	RIGHT HAND
ELEC	ELECTRICAL	RM	ROOM
EG	ELECTRICAL CONTRACTOR	R.O.B.	RUN OF BANK
EL/ELEV	ELEVATION		
ELVTR	ELEVATOR	SGH	SCHEDULE
ENGR	ENGINEER	SECT	SECTION
EQ	EQUAL	SHT	SHEET
EQUIP	EQUIPMENT	SM	SIMILAR
ETC	ETCETERA	SK	SKETCH
EF	EXHAUST FAN	SC	SOLID CORE
EX	EXISTING	SPEC	SPECIFICATION
ETR	EXISTING TO REMAIN	SQ	SQUARE
EJ	EXPANSION JOINT	SF	SQUARE FOOT/FEET
EXT	EXTERIOR	SMR	STANDING SEAM METAL ROOF
		STL	STEEL
FIN	FINISH	STG	STORAGE
FF	FINISH FLOOR	STRUCT	STRUCTURAL
FE	FIRE EXTINGUISHER	SYMB	SYMBOLS
FR	FIRE RATED		
FL	FLOOR	TEMP	TEMPORARY
FT	FOOT/FEET	TK	THICK
FTG	FOOTING	TOL	TOILET
FDN	FOUNDATION	T&G	TONGUE & GROOVE
FRM	FRAME	T.O.	TOP OF
		TYP	TYPICAL
GALV	GALVANIZED		
GA	GAUGE	UL	UNDERWRITER'S LABORATORIES, INC
GC	GENERAL CONTRACTOR	UN	UNLESS OTHERWISE NOTED
GYP	GYPSON		
GWB	GYPSON WALL BOARD	VB	VAPOR BARRIER
		VIF	VERIFY IN FIELD
HDN	HARDWARE	VERT	VERTICAL
H/HT	HEIGHT	VEST	VESTIBULE
HM	HOLLOW METAL	VCT	VINYL COMPOSITION TILE
HORIZ	HORIZONTAL		
HR/S	HOUR(S)	W/F	WELDED WIRE FABRIC
		W	WIDTH
IN	INCH	W	WITH
INCL	INCLUDE	W/O	WITHOUT
INS	INSULATION	WD	WOOD
INT	INTERIOR		

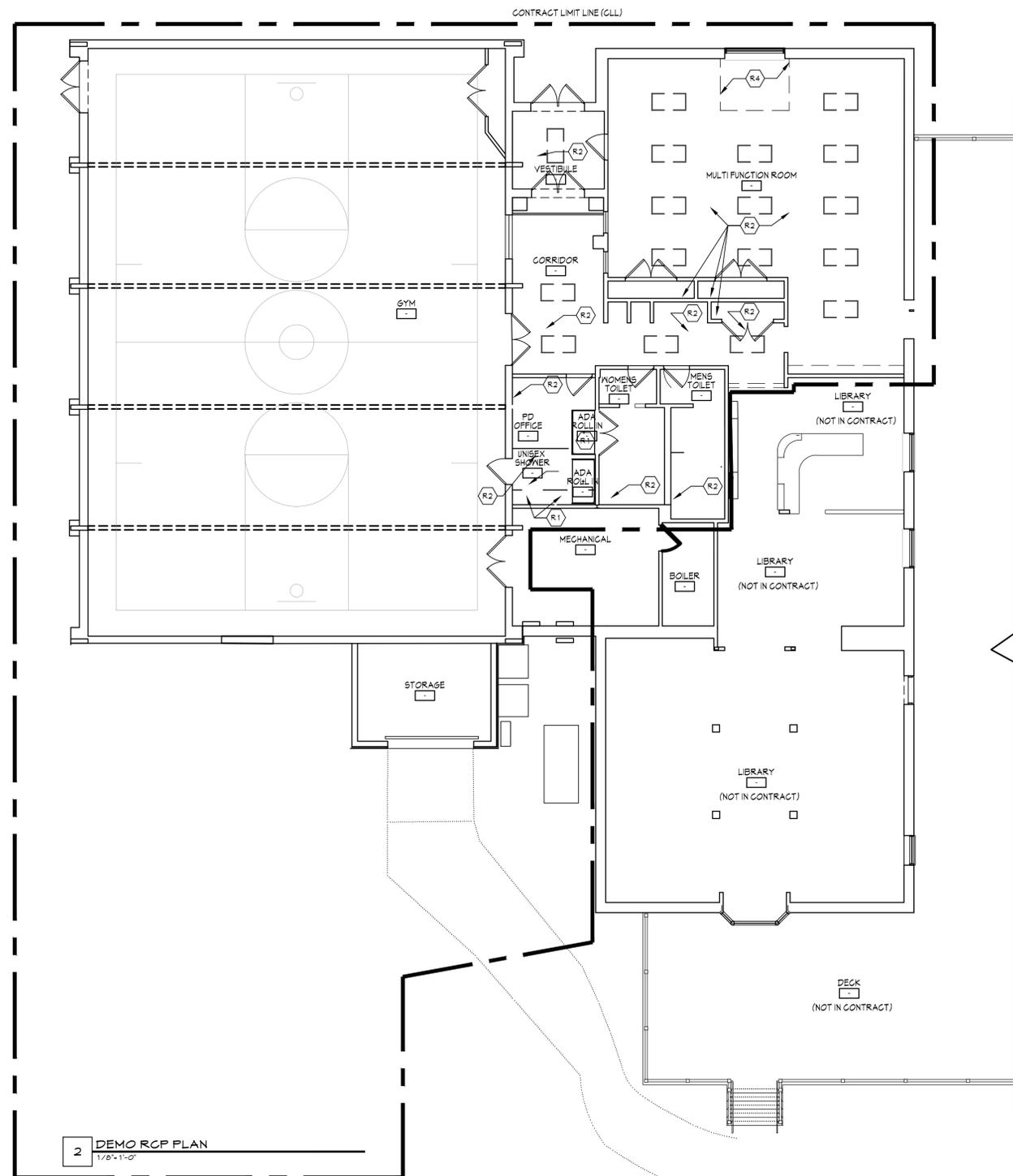
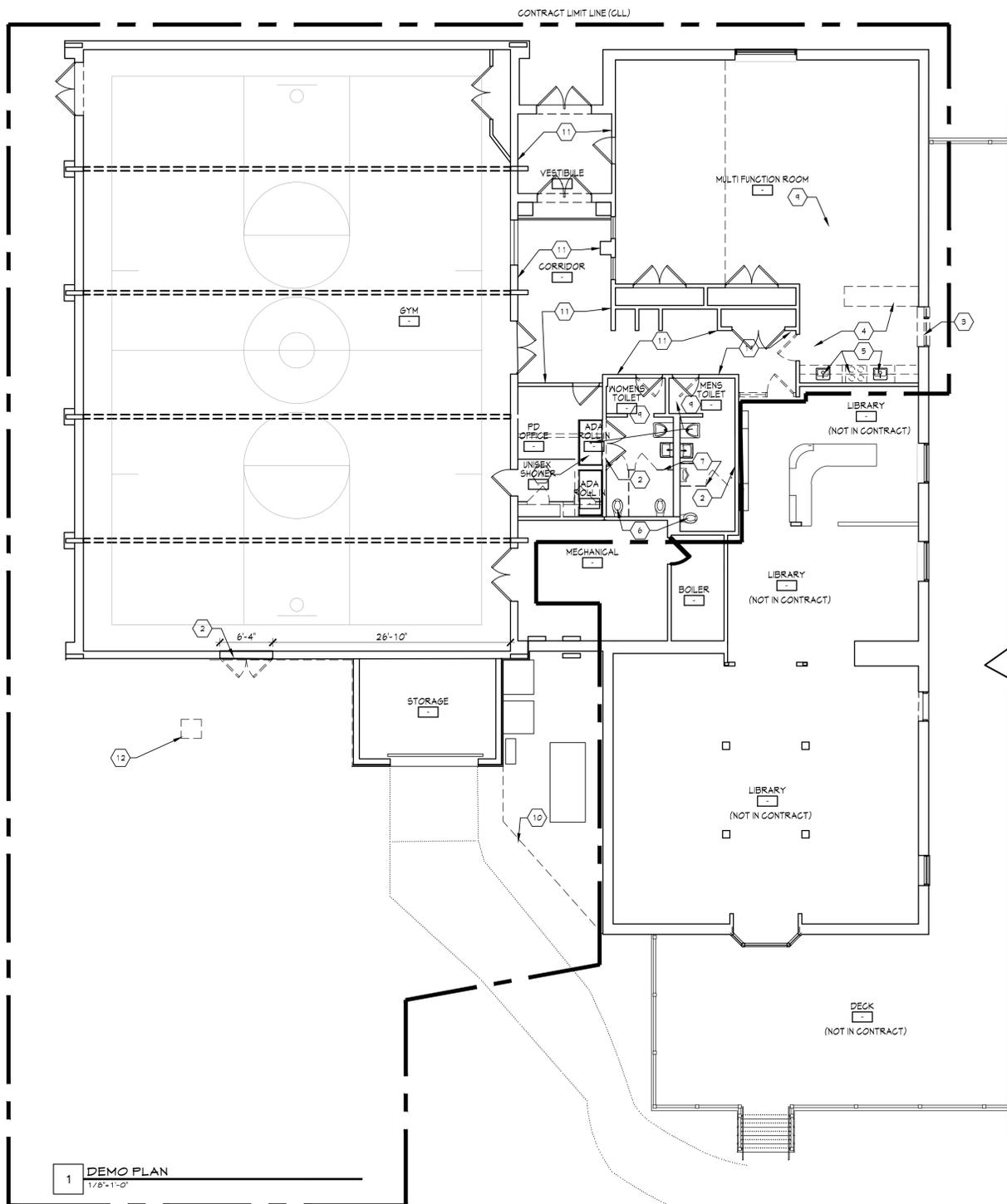
SYMBOLS & MAT'LS.

SYMBOLS LEGEND:



MATERIALS LEGEND:





DEMOLITION PLAN WORK NOTES

DEMOLITION CONTRACTOR TO FURNISH AND INSTALL ALL LABOR AND MATERIALS TO DEMOLISH AND DISCARD THE FOLLOWING:

- 1 REMOVE AND DISCARD EXISTING NON-LOAD BEARING PARTITIONS IN ITS ENTIRETY INCLUDING ALL DOORS, FRAMES AND ASSOCIATED HARDWARE AS INDICATED BY DASHED LINES. REMOVE ALL ELECTRICAL AND PLUMBING LINES BACK TO ITS SOURCE AND DISCARD. NOTIFY ARCHITECT OF ANY DISCREPANCIES. REFER TO CONSTRUCTION PLANS FOR EXTENT OF NEW WORK.
- 2 REMOVE PORTION OF EXISTING PARTITIONS AS INDICATED. PROVIDE GHI SOAP IN-FILL WITH NEW DOUBLE ANGLE STEEL LITTLE HEADER. (FOR MASONRY OPENINGS 6'-0" TO 8'-0" USE 1/2" X 3'-1/2" X 8") REMOVE / RE-ROUTE ANY ELECTRICAL OR PLUMBING LINES IF / AS NECESSARY. PREPARE FOR NEW DOOR AND FRAME. COORDINATE WITH CONSTRUCTION PLANS. REMOVE AND RELOCATE EXISTING WALL PADDING AND ADJUST AND INSTALL ON DOORS. SEE CONSTRUCTION PLAN FOR SIDING NOTES.
- 3 REMOVE EXISTING WINDOW AND FRAME AND PORTION OF EXISTING WALL BELOW AS INDICATED. PREPARE FOR NEW DOOR AND FRAME AND WALL IN-FILL TO MATCH AND ALIGN WITH EXISTING. COORDINATE WITH CONSTRUCTION PLANS.
- 4 REMOVE EXISTING KITCHEN CABINETRY IN ITS ENTIRETY.
- 5 REMOVE AND DISCARD EXISTING CABINETS, APPLIANCES (STOVE) AND SINKS AND REFRIGERATOR. REMOVE / ADJUST ALL ELECTRICAL AND PLUMBING LINES NOT BEING RE-USED BACK TO SOURCE OR CAPPED BEHIND FINISH SURFACES. REFER TO CONSTRUCTION AND PLUMBING PLANS FOR EXTENT OF NEW WORK.

- 6 REMOVE AND DISCARD ALL EXISTING PLUMBING FIXTURES. REMOVE ALL PLUMBING LINES NOT BEING RE-USED BACK TO ITS SOURCE REFER TO CONSTRUCTION AND PLUMBING PLANS FOR EXTENT OF NEW WORK.
- 7 REMOVE AND DISCARD ALL EXISTING MIRRORS TOILET PARTITIONS AND BATHROOM ACCESSORIES WITH ALL ASSOCIATED HARDWARE. RELOCATE DIAPER CHANGING STATION.
- 8 SAWCUT PORTION OF EXISTING FLOOR SLAB TO EXPOSE EXISTING PIPING AS REQUIRED AND FURNISH AND INSTALL NEW PIPING FOR SHOWER DRAINS AND FLOOR DRAINS CONNECTED TO EXISTING DRAINAGE SYSTEM. REFER TO CONSTRUCTION AND PLUMBING PLANS FOR EXTENT OF NEW WORK.
- 9 REMOVE AND DISCARD ALL EXISTING FINISHED FLOOR (CARPET & LVT AND OR TILE AT TOILETS) INCLUDING WALL BASE TILE. REFER TO CONSTRUCTION DRAWINGS FOR SCOPE OF NEW WORK. REMOVE ALL EXISTING GYPSUM AT TOILET AREAS UP TO NEW LINE OF TILE. SEE A.9.0 I.A.9.1.
- 10 REMOVE EXISTING FENCE ENCLOSURE AT EXISTING EXTERIOR UTILITIES IN ITS ENTIRETY.
- 11 GC TO REMOVE ALL WALLCOVERING IN VESTIBULE AND HALLWAY AND SKIM COAT AND PRIME AND PAINT ABOVE HANGSCOT TO REMAIN. PROVIDE NEW PAINT ON EXISTING DOOR FRAMES - COLOR TBD.
- 12 GC TO FURNISH ALL LABOR AND MATERIALS TO MOVE AND ADJUST SURFACE DRAIN AND SUBSURFACE STRUCTURES IF IN CONFLICT WITH NEW ADDITION.

DEMOLITION RCP PLAN WORK NOTES

DEMOLITION CONTRACTOR TO FURNISH AND INSTALL ALL LABOR AND MATERIALS TO DEMOLISH AND DISCARD THE FOLLOWING:

- R1 REMOVE AND DISCARD EXISTING A.C.T. CEILING TILES AND GRID. NEW ASSEMBLY TO BE PROVIDED SEE RCP PLANS. LIGHT FIXTURES TO BE REMOVED AND DISCARDED. REFER TO R.C.P. AND LIGHTING PLANS FOR SCOPE OF NEW WORK. REFER TO R.C.P. AND LIGHTING PLANS FOR SCOPE OF NEW WORK. SEE FINISH SCHEDULE FOR NEW TILES. CUT AND COORDINATE AROUND ALL SPRINKLERS AND REGISTERS AS REQUIRED.
- R2 REMOVE AND DISCARD EXISTING A.C.T. CEILING TILES ONLY ALL GRID SHALL REMAIN AND BE REUSED. LIGHT FIXTURES TO BE REMOVED AND DISCARDED. REFER TO R.C.P. AND LIGHTING PLANS FOR SCOPE OF NEW WORK. SEE FINISH SCHEDULE FOR NEW TILES. CUT AND COORDINATE AROUND ALL SPRINKLERS AND REGISTERS AS REQUIRED.
- R3 REMOVE AND DISCARD/ADJUST EXISTING EXISTING A.C.T. CEILING TILES AND GRID AS REQUIRED FOR NEW SHOWER ASSEMBLY ONLY. GRID AND TILE ADJUSTED AND SHALL REMAIN AND BE REUSED. CUT AND COORDINATE AROUND ALL SPRINKLERS AND REGISTERS AS REQUIRED.
- R4 REMOVE AND DISCARD EXISTING CEILING TILES AND VERTICAL SLOPED CEILING TILES. CUT BACK EXISTING GRID AND PROVIDE NEW 3/8" SOFFIT FRAMING AND GYPSUM BOARD - STRAIGHT VERTICAL SOFFIT. GC TO COORDINATE IN FIELD. PRIME AND PAINT TO MATCH EXISTING CEILING. PROVIDE NEW GRID WALL TERMINATION AND CORNER BEADS AS REQUIRED.

DEMOLITION LEGEND

- - - - - EXISTING PARTITIONS TO BE REMOVED
- - - - - PATCH AREAS AFFECTED BY REMOVALS.
- — — — — EXISTING PARTITIONS TO REMAIN PATCH AS REQUIRED -PREPARE FOR SMOOTH SURFACE AND NEW FINISHES IF / AS INDICATED.

DEMOLITION GENERAL NOTES

- A. EXISTING LIFE SAFETY APPARATUS SHALL REMAIN INTACT AND ACTIVE DURING REMOVALS AND CONSTRUCTION UNTIL NEW DEVICES ARE INSTALLED AND ACTIVATED. ADJUST EXISTING DEVICES TO MAINTAIN PROTECTION. PROVIDE TEMPORARY SUPPORT FOR SMOKE DETECTORS AND EXIT SIGNS.
- B. COORDINATE AND CONDUCT REMOVALS PER BUILDING STANDARDS.
- C. COORDINATE REMOVALS WITH OWNER, ARCHITECT AND BUILDING DEPARTMENT HAVING JURISDICTION.
- D. PATCH ALL WALL AREAS AFFECTED BY REMOVALS WORK TO MATCH ADJACENT SURFACES. NOT ALL PATCH AREAS ARE INDICATED.
- E. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY LIGHTING TO ILLUMINATE SPACE PER LOCAL CODES.
- F. VERIFY ALL CONDITIONS AND LOCATIONS AFFECTING THE REMOVALS AND NEW WORK.
- G. NOTIFY THE ARCHITECT OF DISCREPANCIES THAT AFFECT THE WORK AND UNCOVERED AREAS FOR OBSERVATION PRIOR TO PROCEEDING WITH NEW WORK.
- H. REMOVE ALL EXISTING ELECTRICAL WIRING NOT BEING USED BACK TO ITS SOURCE REFER TO ELECTRICAL DRAWINGS FOR SCOPE OF NEW WORK.
- J. REMOVE ALL EXISTING PIPING NOT BEING RE-USED BACK TO ITS SOURCE. PIPING TO BE CAPPED. REFER TO PLUMBING DRAWINGS FOR SCOPE OF NEW WORK.
- K. GC SHALL COORDINATE ALL ELECTRICAL, PLUMBING, MECHANICAL AND FIRE PROTECTION DISCIPLINES WITH ALL SUB-CONTRACTORS.

CONSTRUCTION LEGEND

-  EXISTING PARTITIONS TO REMAIN - PATCH AS REQUIRED PREPARE FOR SMOOTH SURFACE AND NEW FINISHES.
-  NEW PARTITION TYPE SEE PARTITION TYPES PREPARE FOR FINISHES.

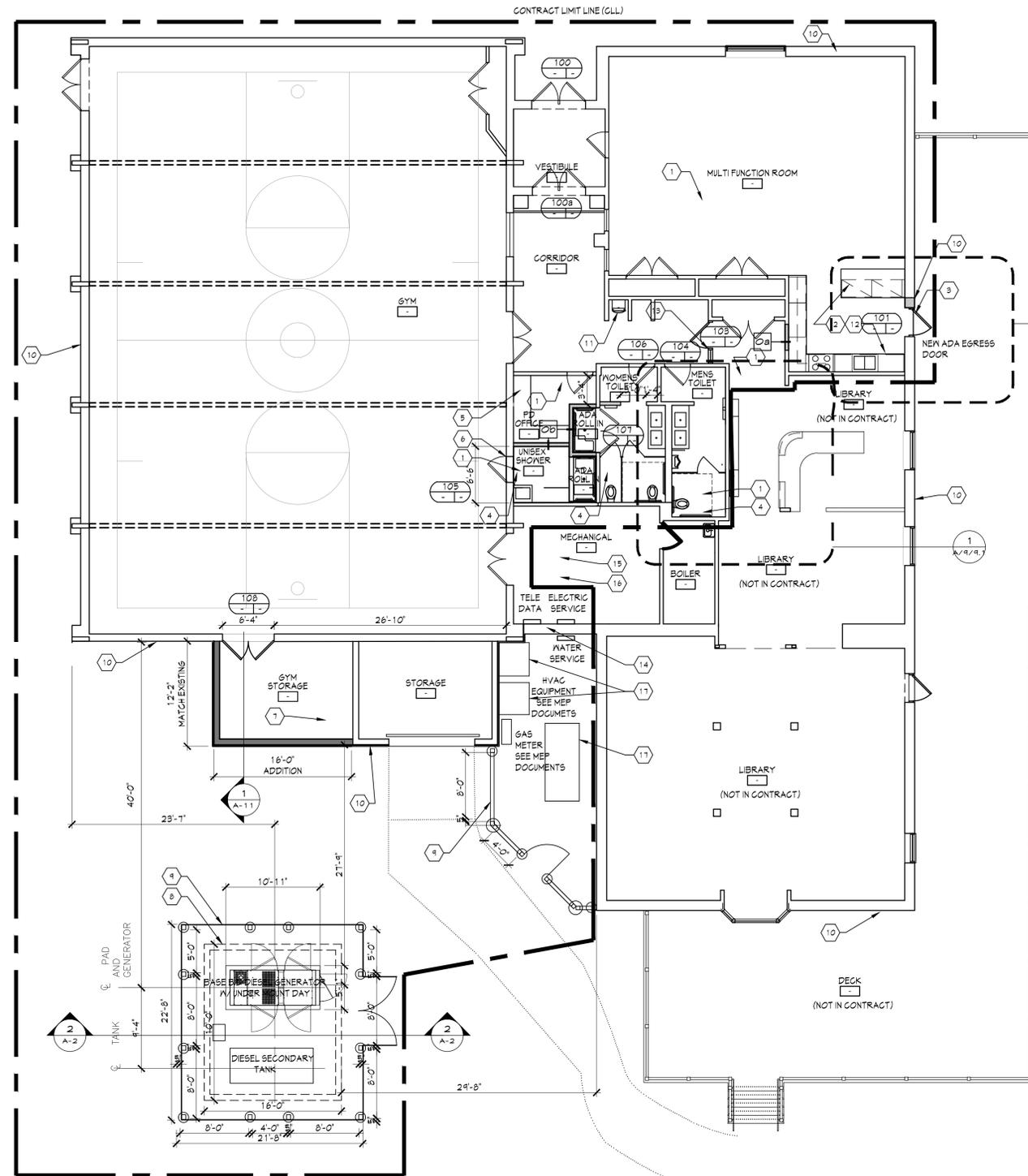
CONSTRUCTION GENERAL NOTES

- A. NOTIFY THE ARCHITECT OF DISCREPANCIES THAT AFFECT THE WORK VERIFY ALL CONDITIONS AND UNCOVERED AREAS FOR OBSERVATION PRIOR TO PROCEEDING WITH NEW WORK.
- B. PATCH ALL WALL AREAS AFFECTED BY REMOVALS. NOT ALL PATCH AREAS ARE INDICATED.
- C. G.C. SHALL COORDINATE ALL ELECTRICAL, PLUMBING AND MECHANICAL WORK WITH THEIR SUB CONTRACTORS AND TO MEET BUILDING CODE.
- D. ALL DIMENSIONS ARE SHOWN TO FACE OF STUD UNLESS OTHERWISE NOTED.
- E. CEILING HEIGHT TO BE AT MAXIMUM NO LESS THAN EXISTING OR AS INDICATED.
- F. SEE PARTITION TYPES FOR INTERIOR & EXTERIOR WALL TYPES.
- G. SEE DOOR SCHEDULE FOR DOOR TYPES AND DOOR GENERAL NOTES.
- J. COORDINATE TOILET WASTE TRAPS AND OTHER MAJOR DRAINAGE PIPING WITH EXISTING / NEW FRAMING LAYOUT.
- K. WHERE LOCATION OF DOORS ARE NOT DIMENSIONED THEY SHALL BE CENTERED IN THE WALL OR PLACED 5" MIN. FROM ADJACENT WALLS AS REQUIRED FOR DOOR CASING.
- L. EXISTING DOOR LOCATION TO REMAIN, IF NOT TAGGED. CLEAN / REPAIR / REPLACE IF / AS REQUIRED VERIFY IN FIELD WITH OWNER AND / OR ARCHITECT.
- P. NEW WINDOW TREATMENTS (BLINDS AND CURTAINS) BY OTHERS.

CONSTRUCTION WORK NOTES

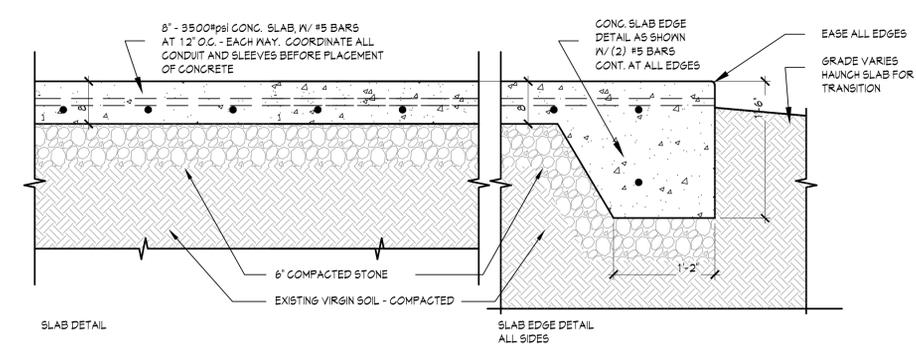
- 1 GC TO FURNISH NEW FINISHES AS SCHEDULE FOR ROOM PATCH / REPAIR EXISTING PARTITIONS FOR SMOOTH SURFACE AND TO MATCH ADJACENT SURFACES. PROVIDE SKIN COAT IF / AS NECESSARY FOR SMOOTH SURFACE AT EXISTING WALLS WHERE WALL COVERING IS BEING REMOVED, IF REQUIRED.
- 2 GC TO FURNISH AND INSTALL NEW KITCHEN UPPER AND LOWER CABINETS AS SHOWN ON SHEET A-10. GC TO FURNISH AND INSTALL NEW COUNTERTOPS, BACKSPLASH, FLOOR FINISH, BASE, PAINT AS INDICATED ON THE FINISH SCHEDULE.
- 3 GC TO FURNISH AND INSTALL NEW EGRESS DOOR AS SHOWN AND SCHEDULED. GC TO FURNISH ALL ADJUSTED FRAMING AND FINISHES AS REQUIRED. SEE DOOR DETAILS. PRIME AND PAINT AND FINISH AS SCHEDULED.
- 4 SEE ENLARGED TOILET PLANS AND ELEVATIONS SHEET A-9.0 AND A-9.1 FOR TOILET RENOVATION SCOPE. GC TO FURNISH AND INSTALL NEW GYPSUM/TILE BACKER AND NEW TILE / FINISHES INCLUDING PRIME AND PAINT ABOVE TILE AS REQUIRED. GC TO FURNISH AND INSTALL NEW FIXTURES, ACCESSORIES AND TOILET PARTITIONS AS SHOWN EXISTING CEILING GRID TO REMAIN. PROVIDE NEW SPRINKLER HEADS AT EXISTING OLD LOCATIONS.
- 5 RELOCATE DESK OR PART OF DESK BASE BID. IF PD REQUESTS PROVIDE ADDITIONAL PRICE QUOTE AT TIME OF REQUEST FOR CUSTOM MILLWORK DESKTOP TO MATCH ROOM PROFILE. PROVIDE LAMINATE FINISH AND (2) 2" GROMMET HOLES IN TOP. FINAL LAYOUT TO BE DETERMINED ON SITE W/ POLICE DEPARTMENT REPRESENTATIVE.
- 6 EXISTING FLOOR TO REMAIN. PROVIDE NEW PRIVACY HARDWARE SET. DOOR TO BE MODIFIED FOR BORE CUT FOR VACANT / OCCUPIED DEADBOLT.
- 7 GC TO FURNISH AND INSTALL NEW GYM STORAGE ADDITION AS SHOWN ON PLANS AND COORDINATE WITH WALL SECTION AND FINISHES SCHEDULED. REMOVE ALL EXISTING SIDING IN CONFLICT AND SAVE FOR REUSE IN PATCHING EXISTING BUILDING MISC. DAMAGED AREAS.
- 8 GC TO FURNISH AND INSTALL GENERATOR CONCRETE PAD AS PER SEE DETAIL #2/A2.0. PROVIDE BROOMED FINISH. GC TO COORDINATE ALL CONDUIT AND SUBSURFACE CONNECTIONS PRIOR TO POURING SLAB.
- 9 GC TO FURNISH AND INSTALL 6'-0" HIGH VERANDA SOLID VINYL FENCE POST AND GATE SYSTEM W/ LOCKS AS SHOWN ON PLANS W/ 12" DIA. CONCRETE FOOTINGS 36" DEEP AS SHOWN FOR EACH SECTION OF FENCE. PROVIDE LARGER FOOTINGS AT DOUBLE POSTS AS REQUIRED.
- 10 SURVEY EXISTING BUILDING AND USE RELOCATED SIDING REMOVED IN KEYNOTE #1 ABOVE TO PATCH HOLES AND DAMAGED AREAS.
- 11 GC TO FURNISH AND INSTALL NEW ELKAY L250/MSK EZH2O BOTTLE FILLING STATION WITH SINGLE ADA COOLER, FILTERED, 8 GPH. STAINLESS STEEL AND CONNECT / PROVIDE ALL PLUMBING AND ELECTRICAL REQUIRED.
- 12 NEW APPLIANCES AT COMMUNITY ROOM COUNTER INCLUDING COFFEE MAKER, TOASTER AND MICROWAVE ARE SUPPLIED BY OWNER AND INSTALLED BY GC. BALANCE SHOWN ARE FURNISHED AND INSTALLED BY GC.
- 13 GC TO FURNISH AND INSTALL NEW DOOR ASSEMBLY. GC TO MODIFY ACRYLYN EXISTING WALL PANELS AS REQUIRED. PROVIDE FRAMING AND SOFFIT ABOVE CUT AND ADJUST CEILING GRID AND TILES AND PROVIDE NEW EDGE TRIM AS REQUIRED.

- 4 GC TO FURNISH AND INSTALL NEW WALL LOUVERS AS PER MEP DOCUMENTS AND REMOVE AND TEMP. SUPPORT EXISTING WALL DURING INSTALLATION. GC SHALL ADJUST WALL FRAMING AS REQUIRED AND PROVIDE NEW STRUCTURAL (2) 1 3/4" X 11 1/8" LVL HEADERS AND 2X POSTS AND ADJUST WALL INFILL / REMOVAL SIDING, GYPSUM BOARD AND PRIME AND PAINT AS REQUIRED.
- 5 GC TO FURNISH AND INSTALL (2) HOUSE KEEPING 4" CONCRETE PADS W/ 6X6 W4X4 MESH AS SHOWN ON MEP DOCUMENTS W/ ALL EXPOSED EDGES CHAMFERED. GC SHALL FURNISH AND INSTALL #3 L BENT #4 BARS @ 16" O.C. (MIN. 9 PER SIDE) AROUND SLAB EDGES WHICH ARE DRILLED 3" INTO EXISTING SLAB AND EPOXY SET AND RISE 2" FROM SLAB AND THEN BEND 12" HORIZONTAL IN SLAB. COORDINATE LAYOUT W/ UNIT SIZES AND SPECIFICATIONS AND ALLOW 4" SLAB EXTENSION FROM MIN. SIZES INDICATED ON ALL SIDES. EXISTING CONCRETE SLAB BELOW THE UNIT SHALL BE ROUGHENED.
- 6 GC TO FURNISH AND INSTALL NEW OPENINGS THROUGH THE ROOF WITH PROPER CLEARANCES FOR DUCTWORK AS SHOWN ON MEP DOCUMENTS. TWO OPENINGS NEED TO ACCOMMODATE 22X18 DUCTS / GOOSNECK AND ONE OPENING AT 20X12 DUCTS / GOOSNECK. GC TO CUT EXISTING RAFTERS WITH TEMP SUPPORT IN PLACE AND DOUBLE EXISTING ROOF RAFTERS ON EACH SIDE OF DUCTS FROM EAVE TO RIDGE OR APPROVED SUPPORT AND PROVIDE DOUBLE FRAMED HEADERS ABOVE AND BELOW NEW DUCTS. ALL FLUSH CONNECTION MUST HAVE SINGLE OR DOUBLE FRAME SIMPSON JOIST HANGERS AND STRUCTURAL SDS SCREENS ALLOW FOR 1" CLEARANCE ON ALL SIDES. GC TO REMOVE ROOFING AND PROVIDE ICES AND WATERSHIELD, FLASHING GANTS AND PROVIDE BASE SHINGLES AND RECOVER SECOND LAYER AS REQUIRED.
- 7 GC TO ADJUST EXISTING CONCRETE PADS COORDINATED WITH NEW EQUIPMENT SIZES AS REQUIRED. FURNISH AND INSTALL EXTENDED #3500 PSI CONCRETE PAD MATCHING EXISTING THICKNESS. GC TO FURNISH AND INSTALL #4 BARS DRILLED AND EPOXY SET AT JOINT @ 12" O.C. EXCAVATE AND PROVIDE GRAVEL SUB BASE MATCHING EXISTING.



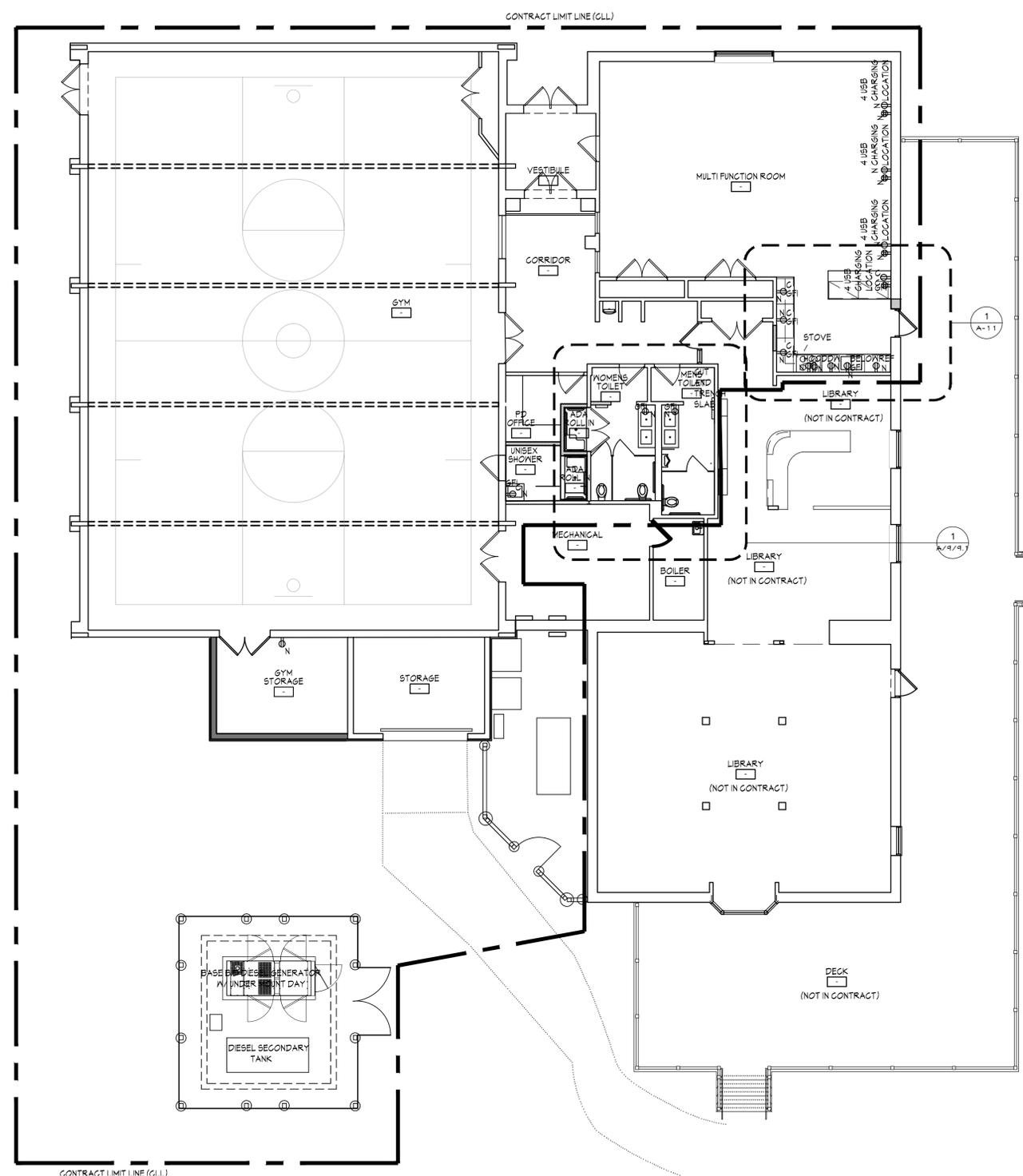
GC TO FURNISH AND INSTALL BASE BID DIESEL GENERATOR W/ UNDER MOUNT PAN AND SECONDARY TANK - EXISTING GAS SERVICE TO REMAIN. SEE MEP FOR FULL SCOPE AND ADJUSTMENTS. ADJUST EQUIPMENT PAD SIZES TO COORDINATE WITH FINAL APPROVED EQUIPMENT.

ADD ALTERNATE #2 - NEW NATURAL GAS SERVICE AND NATURAL GAS GENERATOR AND ALL ASSOCIATED PIPING, TRENCHING, METER AND RECONNECTIONS AS PER MEP DOCUMENTS.



2 GENERATOR CONCRETE PAD
 1/8"=1'-0"

1 CONSTRUCTION PLAN
 1/8"=1'-0"



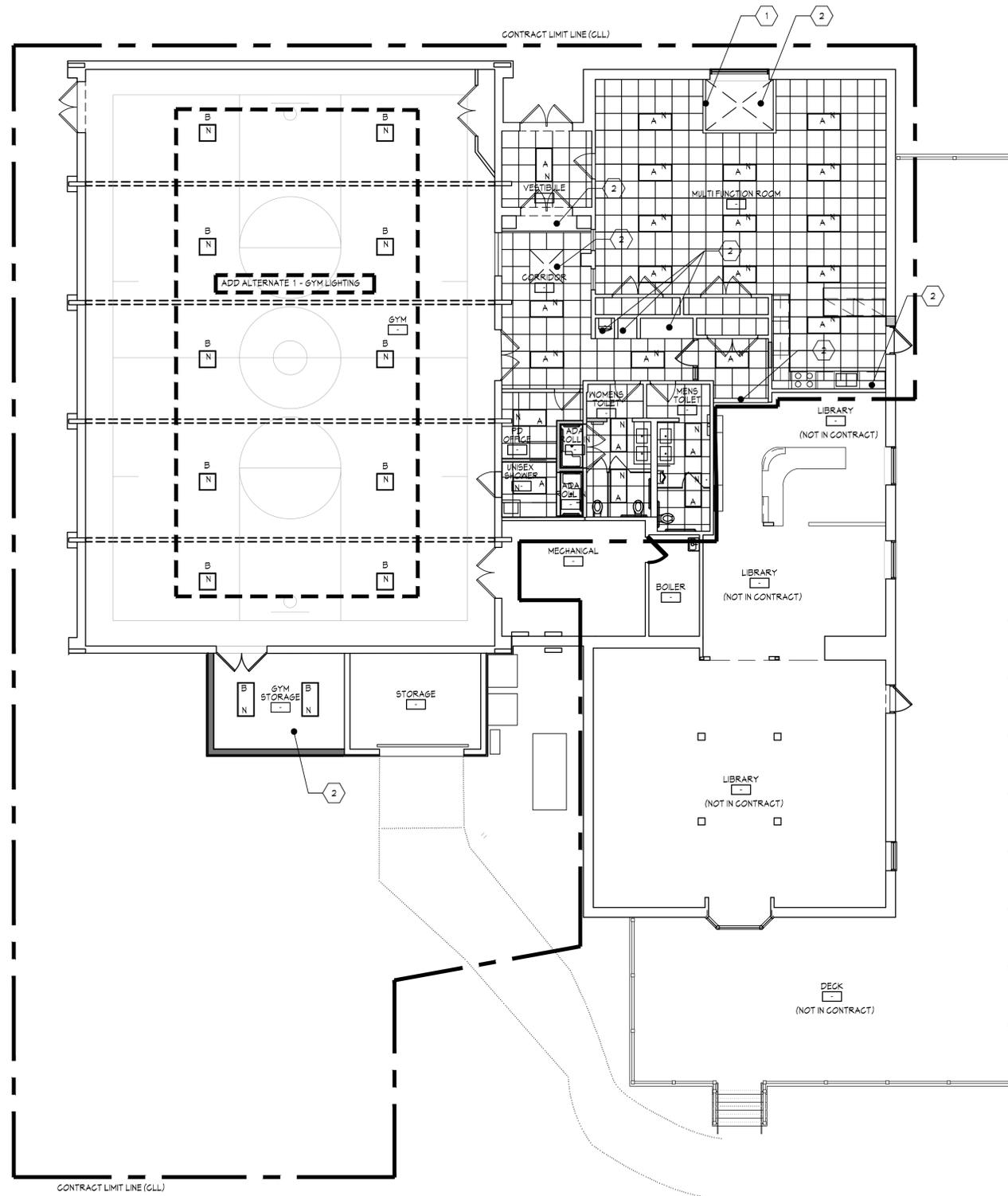
POWER AND TELE GENERAL NOTES

- WHERE NOT SPECIFICALLY DIMENSIONED OUTLETS OR DEVICES SHALL BE INSTALLED AT CLOSET STUD EXCEPT AT KITCHEN AREAS. OUTLETS SHALL BE INSTALLED AS ELEVATED AND CENTERED ON CABINETS. PROVIDE BLOCKING AS REQUIRED.
- REFER TO ELECTRICAL POWER PLANS FOR SCHEDULE OF FIXTURES SHOWN IN THESE REFLECTED CEILING PLANS.
- SEE ELECTRICAL DOCUMENTS FOR SCOPE OF GENERATOR AND ALL PANELS AND CIRCUITS ON EM POWER.

CEILING LEGEND (SEE SPECIFICATIONS)

- N NEW
- R REMOVE
- RR REMOVE RELOCATED

1 POWER / TELE / DATA PLAN
 1/8"=1'-0"



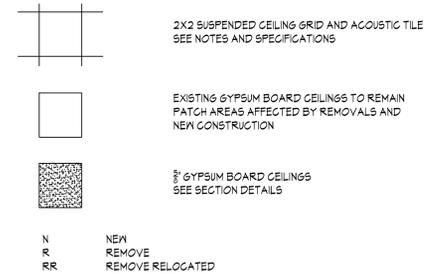
REFLECTED CEILING KEY NOTES

1. GO TO PROVIDE GYPSUM SOFFIT 1" BELOW GRID UPON REMOVAL OF DOOR ASSEMBLY FRAME AND PAINT. PROVIDE CORNER BEAD EACH SIDE OF SOFFIT.
2. SEE FINISH SCHEDULE FOR EXISTING SOFFITS TO BE PAINTED.

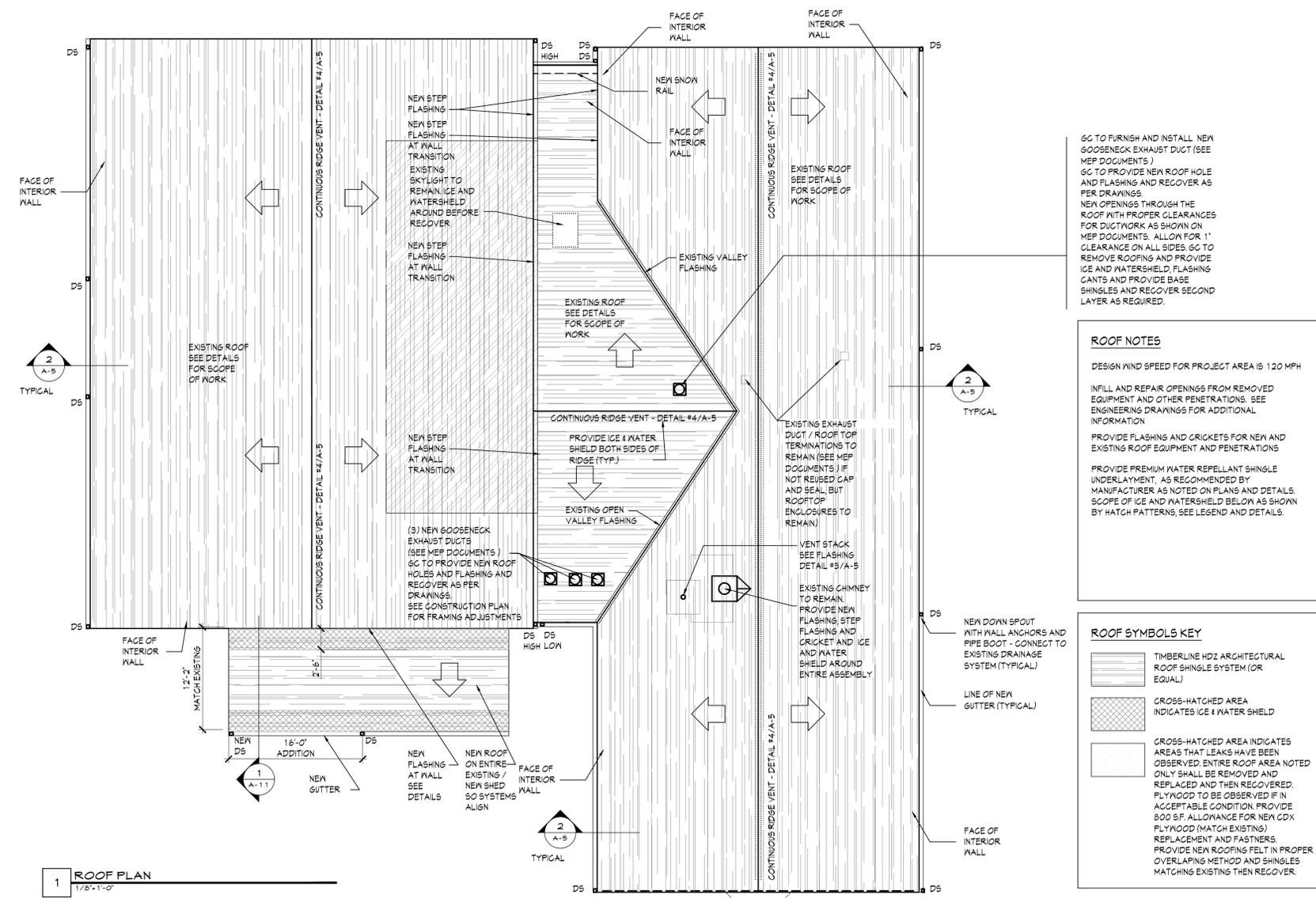
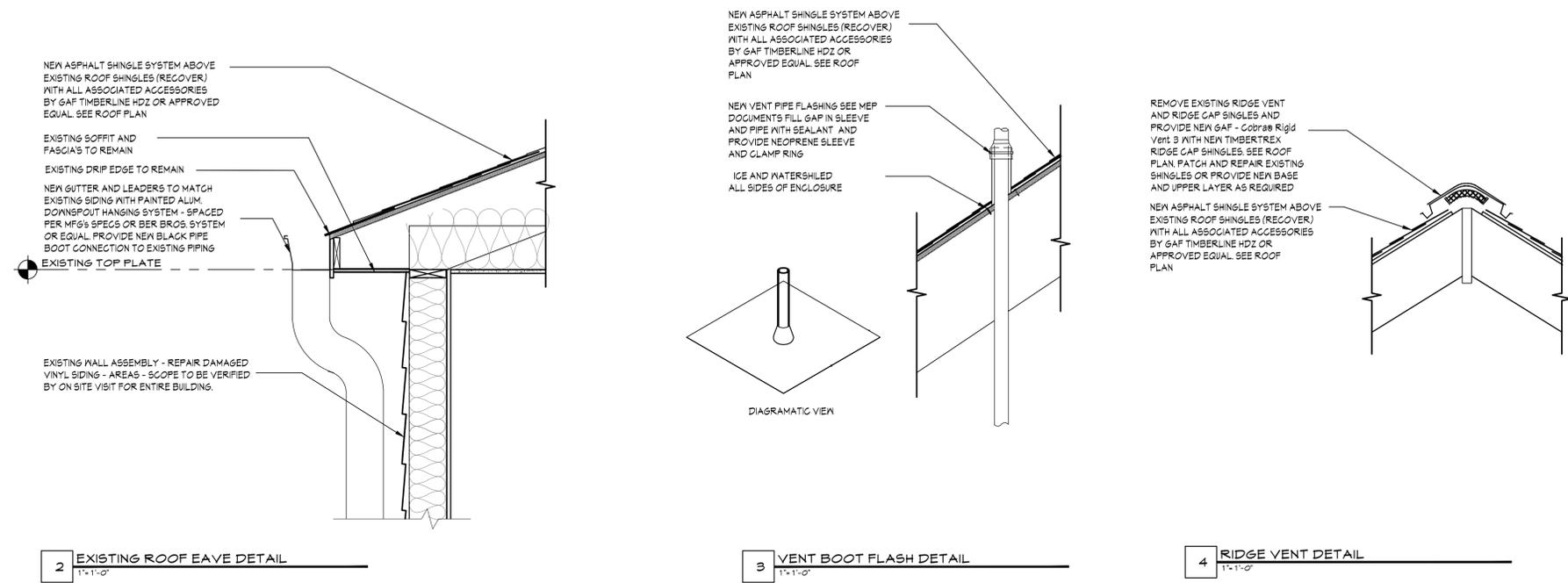
REFLECTED CEILING GENERAL NOTES

1. SEE DEMO PLANS NOTES FOR AREAS OF GRID TO REMAIN, NEW GRID AND AREAS OF NEW CEILING TILE, NEW LED LIGHTING AS SHOWN ON THIS PLAN CONNECTED TO EXISTING LIGHTING CIRCUITS. SEE MEP DOCUMENTS.
2. WHERE NOT SPECIFICALLY DIMENSIONED, FIXTURES, HVAC ELEMENTS, ETC. SHALL BE CENTERED, WITHIN CEILING TILE AND OR ROOM. MULTIPLE FIXTURES SHALL HAVE EQUAL SPACING EA. WAY. WHERE CONFLICTS OCCUR W/ STRUCTURE, OR MECHANICAL SYSTEMS, CONSULT ARCHITECT BEFORE PROCEEDING WITH WORK.
3. REFER TO ELECTRICAL LIGHTING PLANS FOR SCHEDULE OF FIXTURES SHOWN IN THESE REFLECTED CEILING PLANS.
4. SEE ELECTRICAL DOCUMENTS FOR SCOPE OF PANELS AND CIRCUITS AND LIGHTING ON EM POWER.
5. SEE ELECTRICAL DOCUMENTS FOR SCOPE OF ALTERNATE GYM LIGHTING.

CEILING LEGEND (SEE SPECIFICATIONS)



1 REFLECT CEILING PLAN
 1/8" = 1'-0"



DOOR SCHEDULE																
DRAWING LOCATION	DOOR NUMBER	ROOM NAME	DOOR					DOOR FRAME					HARDWARE	REMARKS		
			TYPE	W/TL	WIDTH	HEIGHT	THICK.	TYPE	W/TL	HEAD	JAMB	SILL			PARTIAL	W/TL
FIRST FLOOR																
	100	EX ENTRY	EX	MTL	3'-0"	7'-0"	1 3/4"	FI	H/M	-	-	54	1 1/2"	6	B	EX. RETROFITTED DOORS - ALT #3
	100a	EX ENTRY	EX	MTL	3'-0"	7'-0"	1 3/4"	FI	H/M	-	-	54	1 1/2"	6	B	EX. RETROFITTED DOORS - ALT #3
	101	EXT. LIBRARY	100	H/M	3'-0"	7'-0"	1 3/4"	FI	H/M	H3	J3	56	1 1/2"	1	N/A	OAK VENEER (MATCH BLD STANDARD)
	102	EXT. LIBRARY	100	H/M	3'-0"	7'-0"	1 3/4"	FI	H/M	H3	J3	56	1 1/2"	1	N/A	OAK VENEER (MATCH BLD STANDARD)
	103	LIBRARY ENTRANCE	101	WD	3'-0"	7'-0"	1 3/4"	FI	H/M	HI	J2	51	1 1/2"	2	B	OAK VENEER (MATCH BLD STANDARD)
	104	MEN'S ROOM	101	WD	3'-0"	7'-0"	1 3/4"	FI	H/M	HI	J2	54	1 1/2"	3	B	OAK VENEER (MATCH BLD STANDARD)
	105	SHOWER ROOM	EX	WD	3'-0"	7'-0"	1 3/4"	FI	H/M	-	-	54	1 1/2"	3	B	SEE PLAN KEYNOTED FOR HARDWARE
	106	WOMEN'S ROOM	101	WD	3'-0"	7'-0"	1 3/4"	FI	H/M	HI	J1	54	1 1/2"	3	B	OAK VENEER (MATCH BLD STANDARD)
	107	MEN'S SHOWER	104	WD	2'-6"	5'-0"	1 3/4"	-	H/M	-	-	-	1 1/2"	4	N/A	WET RATED LOUVER DOOR
	108	GYM STORAGE RM	103	WD	(2)3'-0"	7'-0"	1 3/4"	F2	H/M	HI	J2	55	1 1/2"	5	N/A	OAK VENEER (MATCH BLD STANDARD)

DOOR HARDWARE SETS

General
Notes: (1) Provide heavy duty ball hinges at all solid core doors.
(2) Provide st. stl hinges at all doors located at exterior or unconditioned spaces.
(3) See elec. dvgs. for doors with electrical requirements for security/access elements.
(4) Provide all fire rated components at fire rated doors as noted on door schedule.
(5) 1 1/2 Pair hinges for 7'-0" doors & 2 Pair at 8'-0" doors or as noted.
(6) Provide Power supplies for all equipment specified.
(7) All access control devices to be connected to EM power & Fail safe
(8) Alarm system & door monitoring contacts are shown on security documents.
(9) Functions as show on Hardware sets notes
(10) All Electromechanical lock set doors to be coordinated with Electric Strike
(11) See Security Documents for balance of scope of Security Hardware and alarm scope
(12) All Hardware Fishes shall be US26D unless otherwise noted
(13) All hardware must have interchangeable cores and be set up for master/sub - key system - see specifications
(14) New door assemblies in fire-resistance rated corridors shall be tested in accordance with NFPA 252 or UL 10C without the hose stream test
(15) New door assemblies in fire-resistance rated corridors shall meet the requirements for smoke and draft control door assemblies, tested for air leakage in accordance with UL 1784.
(16) In all electrified sets listed if a fire rated door electrified hardware must be fail secure a in such cases provide push button request to exit - SDC - 422A w/ ADA symbol w/ power supply as per NFPA 80

Single Doors

Set No. 1- Entry Lockset Set - Single Marvin Commercial Door- w/ Panic Hardware
Lockset w/ keys - coordinate with building standard

1 Mortise rim and Panic Bar set Marvin Supplied
Commercial ADA Sill Marvin Supplied
Entry set and rim lock - removable core Marvin Supplied
Closer Marvin Supplied
1 1/2 Pair hinges Marvin Supplied
Kick Plates both sides of door Marvin Supplied
Floor / Wall Stop Mckinney WS04 (US26D) / Mckinney 598S - US26D

Set No. 2- Entry Lockset Set

1 Mortise / Panic Bar set surface mounted - 99 series Von Duprin
Closer LCN-2030 Concealed Closer
1 1/2 Pair hinges Hagar/US26D
Floor / Wall Stop Mckinney WS04 (US26D) / Mckinney 598S - US26D

Set No. 3 - Push/Pull - Single Door Restrooms

Push / Pull Hardware Baldwin - Push 2280.150 w/ Baldwin - Pull 2552.260
Closer Baldwin - Push 2280.150
Kickplate Sargent SG 421-CTHB-EN-AL
Silencer Baldwin - 6" x 30" 2001.264.0630
1 1/2 Pair hinges Mckinney T4A3786 Heavy Weight Hinge
Wall Stop or Overhead Stop Mckinney WS04 (US26D) / Mckinney 598S - US26D

Double Doors

Set No. 4 - Push/Pull - Polydoor Leisure Doors (Double)
Single Wet Rated Privacy Doors @ Shower - Custom Sized or equal

2 Pair Stainless Steel Hinges Polydoor Supplied
Push Plates Polydoor Supplied
Fingertrap Protection

Set No. 5- Lockset Set - Double Door - Galvannealed Frame and Door

1 Bored set Sargent 1015 series w/ 'P' Lever, 'L' Rose
Silencers Mckinney S1M
2 Closers Sargent SG 421-CTHB-EN-AL
3 Pair hinges Mckinney T4A3786 Heavy Weight Hinge
2 Wall Stop or Overhead Stop Mckinney WS04 (US26D) / Mckinney 598S - US26D
automatic flush bolts w/ dust proof strik Mckinney FB10W Wood Doors / FB06M Metal Doors
coordinator Mckinney CSM572

Alternate #3

Set No. 6 - EXISTING DOORS - (1 door of each set in-line at vestibule) (ADA RETROFIT)

2 ADA Openers - Magic Swing by Stanley
2 Mortise Electric retractable latch / Panic Bar - quiet electric latch von duprin - 98/99 series
2 MS41 exterior handsfree touchless request to enter by BEA and back boxes
2 MS31 exterior handsfree touchless request to enter by BEA and back boxes
2 motion sensors for exit - included accessory - su100
Connected to fire alarm - fail safe
Electrical connections and electrical wips
Paint Existing Doors - Enamel Paint
connect to em power
2 - Mag Lock interconnected with opener
all componets UL rated
2 - Autodoor bottom seal - exterior leaf National Guard Products 81369N

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

NOTE: NEW MARVIN ULTIMATE COMMERCIAL DOOR ASSEMBLY - BRONZE / BLACK MATCH EXISTING LIBRARY PROFILE

NOTE: TYPICAL INTERIOR SOLID CORE WOOD VENEER DOOR W/ HM FRAME (MATCH EXISTING TYPE AND FINISH)

NOTE: TYPICAL INTERIOR SOLID CORE WOOD VENEER DOOR W/ HM FRAME (MATCH EXISTING TYPE AND FINISH)

ABBREVIATIONS

AND	AND
PT	PAINT
HM	HOLLOW METAL
WD	WOOD
FF	FACTORY FINISH
STL	STEEL
HC	HOLLOW CORE WOOD
SC	SOLID CORE WOOD
AL/MIRR	ALUMINUM MIRROR DOOR

DOOR TYPE NOTES

- FOR DOOR OPERATION AND HAND, REFER TO FLOOR PLANS.
- FOR CODE-REQUIRED HARDWARE, IF REQUIRED, REFER TO DOOR TAG ON FLOOR PLANS AND TO SPECIFICATIONS. ALL FIRE RATED DOORS TO HAVE LATCHES.
- ALL GLAZED DOORS SHALL HAVE TEMPERED SAFETY GLAZING. ALL GLAZING AT RATED DOORS SHALL MEET UL REQUIREMENTS FOR SF. BASED ON MATERIAL USED.
- DOOR THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHT. THRESHOLDS 1/2" BEVEL 1:2 RATIO MAX.
- CLOSER OPENING FORCE SHALL NOT EXCEED 8 LBS. AT EXTERIOR DOORS AND 5 LBS AT INTERIOR DOORS.
- EXIT DOOR HARDWARE SHALL ALLOW DOOR TO BE OPENED FROM INSIDE WITHOUT KEY, SPECIAL KNOWLEDGE OR EFFORT.
- MANUALLY-OPERATED EDGE- OR SURFACE-MOUNTED FLUSH BOLTS ARE NOT PERMITTED AT EXIT DOORS.
- ALL PASSAGE DOORS WITH LATCHES OR LOCKING MECHANISMS SHALL BE EQUIPPED WITH SINGLE-EFFORT LEVER-TYPE HARDWARE, PANIC BARS, OR OTHER HARDWARE TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE HARDWARE DOOR HARDWARE SHALL BE CENTERED BETWEEN 54" AND 48" ABOVE THE FLOOR.
- SEE THIS SHEET FOR HARDWARE SETS.
- ALL DOORS SHALL HAVE MIN. 10' SMOOTH SURFACE AT BOTTOM TO MEET ANSI REQUIREMENTS.

100 H/M EXTERIOR DOOR

NOTE: GALVANEAL DOORS & FRAME WITH SHALL BE INSULATED CORE

101 H/M FRAME W/ WOOD DOOR

NOTE: INTERIOR W/ 1/2" CUSTOM MET RATED DOORS POLY DOOR OR EQUAL - POLYETHYLENE CORE DOOR W/ STAINLESS STEEL HINGES

102 H/M FRAME W/ WOOD DOOR

NOTE: INTERIOR LOCATION SINGLE PANE FIRE LITE NT GLAZING W/ STOPS ALL LOCATIONS IN ASSEMBLY - B LABLE DOOR AND FRAME

103 H/M FRAME W/ WD DOOR **104 WOOD LOUVER DOOR** **105 H/M FRAME / WINDOW / WD DOOR** **GENERAL NOTES**

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

NOTE: SEE DOOR TYPE FOR SPECIFIC FRAME REQUIREMENTS.

NOTE: SEE DOOR TYPE FOR SPECIFIC FRAME REQUIREMENTS.

F1 SWING DOOR FRAME **F2 DOUBLE SWING DOOR**

DOOR HEAD DETAILS			SCALE : 3"=1'-0"
H1	HM DOOR HEAD @ INTERIOR	H2	DOOR HEAD @ SHOWER MODESTY DOORS
H3	CLAD WD. DR. HEAD - STUD WALL		
DOOR JAMB DETAILS			SCALE : 3"=1'-0"
J1	HM DOOR JAMB @ INTERIOR	J2	DOOR JAMB @ SHOWER MODESTY DOORS
J3	CLAD WD. DR. JAMB - STUD WALL		
DOOR SILL DETAILS			SCALE : 3"=1'-0"
S1	NO DOOR SILL (CPT TO CPT)	S2	NO DOOR SILL (LVT TO LVT)
S3	DOOR SILL (LVT TO CARPET)	S4	DOOR SILL (LINOLEUM OR CARPET TO CT)
S5	DOOR SILL (EXISTING GYM TO RUBBER)	S6	DOOR SILL - ALUM CLAD WD. DOOR

Same Except W/ Insulation
Typ. Non-rated 'WET WALLS' Humitek
'WET WALLS' @ showers

NON-BEARING

2X4 FRT WOOD TO MATCH EXISTING OR 3-5/8" MTL STUDS @ 16" O.C. WALL EXTENDS TO BOTTOM OF STRUCTURAL SLAB ABOVE, UNO.

3-5" HIGH DENSITY ACOUSTICAL BATT INSULATION AT PARTITION TYPE OBN AND ODN ONLY. FILL CAVITIES BETWEEN FLOOR DECK & TOP TRACK FOR COMPLETE CLOSURE.

5/8" GNB, ONE LAYER EACH SIDE
PROVIDE HUMITEK MRB GYP. BD. AT NET WALLS

NOTES:
1. WALLS TO EXTEND TO BOTTOM OF STRUCTURE, UNO
2. AT SHOWER ENCLOSURE PARTITION TYPE OC SEE SHEETS A-1 & A-1.1 FOR ADDITIONAL NOTES AND DETAILS AND SHOWER DETAIL ON SHEET A-1.1. PROVIDE BLOCKING / BACKING AND SOFFITS AS NOTED

Non-rated GNB Chase Partition
1-1/2" = 1'-0"

NON-BEARING

2X4 FRT WOOD TO MATCH EXISTING OR 3-5/8" MTL STUDS @ 16" O.C. WALL EXTENDS TO BOTTOM OF STRUCTURAL SLAB ABOVE, UNO.

3-5" HIGH DENSITY ACOUSTICAL BATT INSULATION AT PARTITION TYPE OBN ONLY. FILL CAVITIES BETWEEN FLOOR DECK & TOP TRACK FOR COMPLETE CLOSURE.

5/8" GNB, ONE LAYER, ONE SIDE
PROVIDE HUMITEK MRB GYP. BD. AT NET WALLS

NEW / EXISTING PARTITION AND/OR DOOR TO REMAIN - SEE FLOOR PLANS FOR LOCATIONS.

NOTES:
1. WALLS TO EXTEND TO BOTTOM OF STRUCTURE, UNO
2. PROVIDE HUMITEK MRB GYP. BD. AT ALL NET WALLS.

WALL CONSTRUCTION NOTES:

- PROVIDE DEFLECTION TRACK AT TOP OF ALL NON-BEARING WALLS THAT EXTEND TO UNDERSIDE OF NEW FIRE RATED CEILING STRUCTURE ABOVE, UNO. PROVIDE FIRE-RATED DEFLECTION TRACK AT TOP OF ALL NON-BEARING FIRE-RATED PARTITIONS AS INDICATED IN WALL TYPES.
- PROVIDE AND INSTALL FIRESTOPPING MATERIAL AT ALL FIRE RATED PARTITIONS PER FIRE CODE REQUIREMENTS. REFER TO SPECIFICATIONS.
- RATED PARTITIONS TO EXTEND TO BOTTOM OF EXIST. SLAB ABOVE, UNO. SEAL AIRTIGHT W/ NON-HARDENING ACOUSTICAL SEALANT AT TOP, BOTTOM, & SIDES. WALL MTD. ELECTRICAL BOXES SHOULD BE OFFSET 24" MIN. (NOT BACK-TO-BACK). W/ PERIMETER OF THE BOXES SEALED AIRTIGHT W/ NON-HARDENING ACOUSTICAL SEALANT. PIPE & DUCT PENETRATIONS SHOULD BE SLEEVED, PACKED W/ 10 lb. DENSITY CLOSED CELL FOAM, & SEALED TO WALL W/ NON-HARDENING ACOUSTICAL SEALANT.
- USE MRB GYP. BD. ON PARTITIONS AT ALL NET AREAS (RESTROOMS).

FINISH SCHEDULE

ROOM NUMBER AND NAME	FLOOR		BASE		WALL		CEILING		REMARKS
	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
VESTIBULE	CARPET	EXISTING	EXISTING	MODIFY AS REQUIRED	GWB	PAINT - 1	EXISTING GRID	ACT-1 NEW TILES ONLY/PT-4 RAISED AREA	
COORIDOR	CARPET	EXISTING	EXISTING	MODIFY AS REQUIRED	EXISTING	PAINT - 1	EXISTING GRID	ACT-1 NEW TILES ONLY	
MULTIFUNCTION ROOM	LUXURY VINYL TILE	LVT-1	RUBBER BASE	BASE-1	EXISTING	PAINT - 1	EXISTING GRID	ACT-1 NEW TILES ONLY	
KITCHEN	LUXURY VINYL TILE	LVT-1	RUBBER BASE	BASE-1	EXISTING/NEW	PAINT - 1	EXISTING GRID	ACT-1 NEW TILES ONLY	
PD OFFICE	LUXURY VINYL TILE	LVT-1	RUBBER BASE	BASE-1	EXISTING/NEW	PAINT - 1	EXISTING GRID	ACT-1 NEW TILES ONLY	
WOMENS TOILET	CERAMIC TILE	CT-1	CERAMIC TILE	CT-2	CERAMIC TILE	CT-3,445	EXISTING GRID	ACT-1 NEW TILES ONLY	
MENS TOILET	CERAMIC TILE	CT-1	CERAMIC TILE	CT-2	CERAMIC TILE	CT-3,445	EXISTING GRID	ACT-1 NEW TILES ONLY	
UNISEX SHOWER ROOM	CERAMIC TILE	CT-1	CERAMIC TILE	CT-2	CERAMIC TILE	CT-3,445	EXISTING GRID	ACT-1 NEW TILES ONLY	
LIBRARY	CARPET	CUT BACK AS REQD.	EXISTING	MATCH EXISTING	EXISTING	MATCH EXISTING	EXISTING	ADJUST EXISTING	MODIFY FINISHES TO MATCH EXISTING LIMITED SCOPE AT DOORWAY & SHOWERS
GYM STORAGE	RUBBER FLOORING	FLR-2	RUBBER BASE	BASE-1a	GWB/ACR-1	PAINT - 1/ACR-1	GWB	PAINT - 4	

FINISH MATERIALS - ALL MATERIALS TO BE SUBMITTED FOR APPROVAL - FINAL COLORS SELETED BY ARCHITECT - ALL PRODUCTS ARE ARE OR EQUAL APPROVED AND MUST BE DEMONSTRATED THAT AN OR EQUAL BEFORE APPROVAL.

Paint-1 - Womens Room
 Manufacture: Benjamin Moore
 Style: Eggshell
 Color: Swiss Coffee OC-45

Paint-2 - Mens Room
 Manufacture: Benjamin Moore
 Style: Eggshell
 Color: Swiss Coffee OC-45

Paint-3 - Typical Walls
 Manufacture: Benjamin Moore
 Style: Eggshell
 Color: Swiss Coffee OC-45

Paint-4 - Gypsum Ceilings at
 Manufacture: Benjamin Moore
 Style: semi gloss
 Color: Super White

Paint-5 - Trimwork (Door Trim)
 Manufacture: Benjamin Moore
 Style: Semi Gloss
 Color: Extra White

Paint-6 - Doors frames
 Manufacture: To be selected
 Style: Semi Gloss
 Color: Satin Clear Stain

QUARTZ TOP - 1 -
 for vanities and kitchen counters
 Manufacture: Wilsonart
 Style: North Cascades
 Color: Quartz Q4035

FLR 1 - LVT
 Manufacture: Mohawk
 Style: Mistress
 Click Installation
 Size: 7.25"x48"

FLR 2 - Rubber floor
 Manufacture: Mohawk
 Style: TRUE Slate
 Color: Pebble-13

contact - cell 914-953-5368
 John_tallo@mohawkind.com
 Mohawkgroup.com

Base-1
 Style: RUBBER BASE - JOHNSONITE PERCEPTIONS - REVEAL 4.25" PROFILE - 40 GREY

Base-1A
 Style: RUBBER BASE - JOHNSONITE PERCEPTIONS - REVEAL 4.25" PROFILE - 40 GREY

ACT-1
 Manufacture: USG GRID # TILE
 Style: DONN AX Ceiling
 Suspension System - 15/16" all-aluminum system with MILLENNIA® ClimaPlus™ Acoustical Ceiling Panels

ACR-1 C/S ACR0VYN - PVC-FREE ACR0VYN 4000 - PEBBLETTE TEXTURE - #930 BLUE SILK

CABINETS -
<https://www.berth.com/products/kitchen/door-styles/detail/5/visage/>

Door Style: Visage (Marketplace)
 Wood: Birch
 Color: Shale

CT-1 Ceramic Tile
 Manufacture: NEW 'STONEPEAK' 'SIMPLY MODERN' PORCELAIN GLAZED 12X24 FLOOR TILE IN 'CREME' Located at mens & womens rooms as scheduled. Provide CREME MARFL - ADA TAPERED marble saddle transition at entry door for each room. Grout - TO BE SELECTED BY ARCHITECT.

CT-2 Ceramic Tile 'STONEPEAK' 'SIMPLY MODERN' PORCELAIN GLAZED 6X12 COVE BASE IN 'CREME'

CT-3 Ceramic wall Tile NEW 'STONEPEAK' 'SIMPLY MODERN' PORCELAIN GLAZED 12X24 TILE IN 'CREME'

CT-4 Ceramic wall ACCENT Tile NEW 'STONEPEAK' 'SIMPLY MODERN' PORCELAIN GLAZED 2X2 MOSAIC TILE IN 'GREY'

CT-5 Ceramic wall Tile TOP TERMINATION 'STONEPEAK' 'SIMPLY MODERN' PORCELAIN GLAZED 12X24 TILE IN 'CREME' UP TO CLG. HT.

CT-6 Tile Backsplash at Kitchen

FINISH PLAN GENERAL NOTES:

A. SEE FINISH SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.

B. (MR GWB 1) - MOISTURE RESISTANT GYPSUM BOARD SHALL USE MOLD TOUGH GREEN BOARD OR EQUAL.

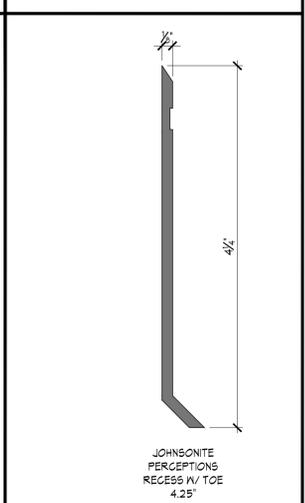
C. (MR GWB 2) - MOISTURE RESISTANT GYPSUM BOARD SHALL BE AQUA TOUGH - AR TILE BACKER BOARD OR EQUAL.

E. ALL ACR0VYN WALL COVER TO BE APPLIED OVER GWB SURFACES AS NOTED.

G. ALL TILE AREAS EXCEPT SHOWERS UNITS ARE THIN SET APPLICATIONS.

H. SCHEDULE IS FOR ALL ENTIRE ROOM FLOOR, WALL AND CEILING FINISHES AS NOTED.

FINISH DETAILS



Sullivan Architecture, P.C.
 31 Mamaroneck Avenue
 White Plains, New York 10601
 914-761-6006 (F) 914-761-4919

Owner:
Town of North Castle
 15 Bedford Road, Armonk, NY 10504

MEP&FP Engineer:
OLA Consulting Engineers
 50 Broadway, 2nd Floor
 Hawthorne, NY 10532
 Tel: 914-747-2800

Date Issue
 11-02-20 BIDDING ONLY

Project Title
North White Plains Community Center
 North Castle, NY

10 Clove Rd,
 White Plains, NY 10603

Drawing Title
FINISH SCHEDULE

Project No. 20202
 Date 11-02-20
 Scale As Noted
 Drawing by JPS/KA

Checked by
 Drawing No.
A8.0

Owner:
Town of North Castle
 15 Bedford Road, Armonk, NY 10504

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 50 Broadway, 2nd Floor
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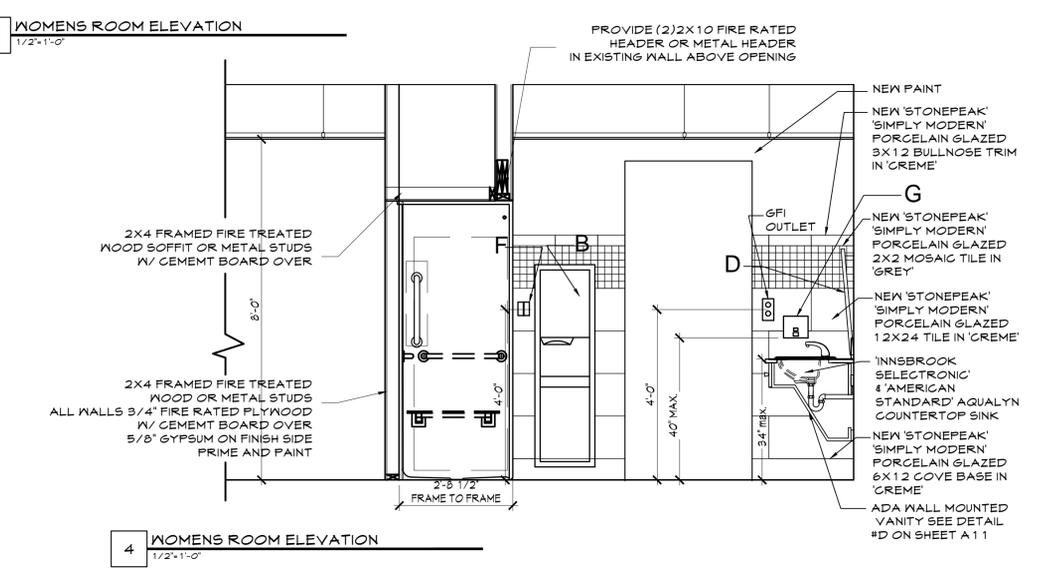
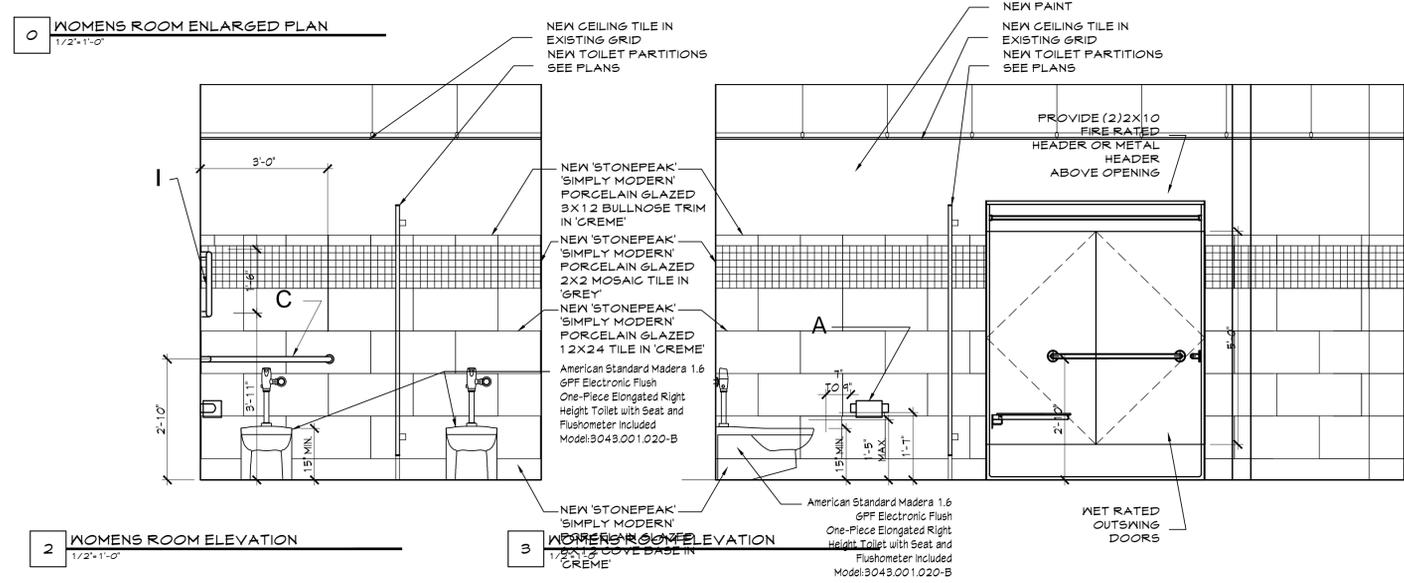
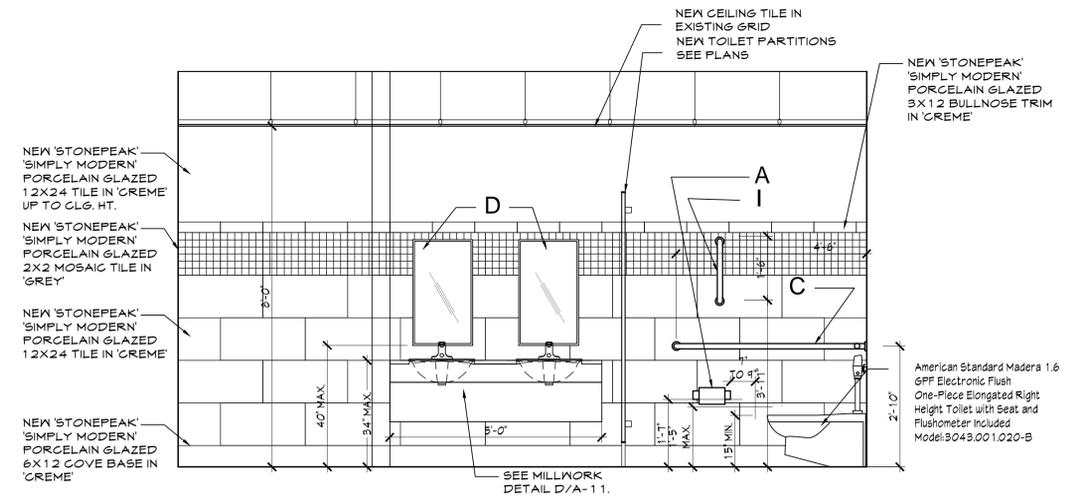
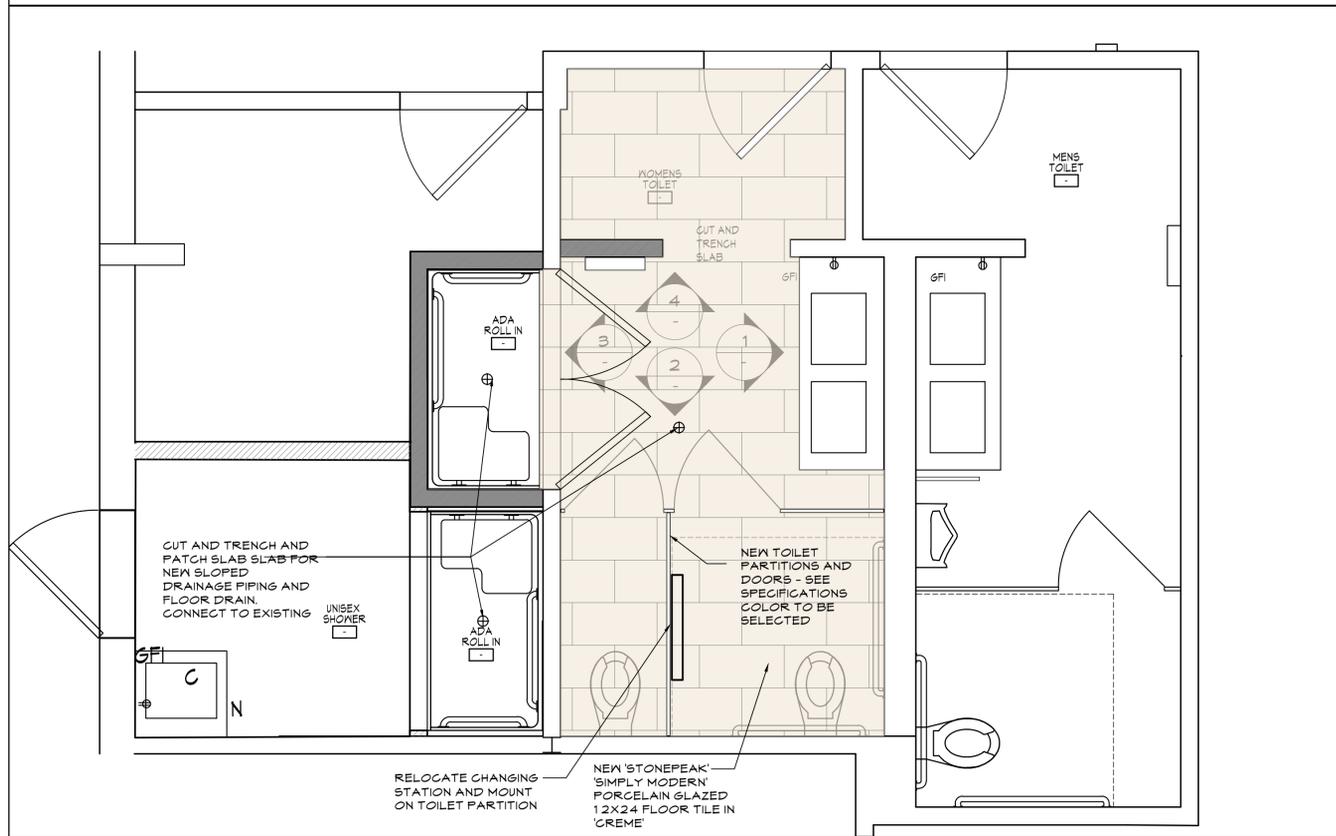
Project Title
North White Plains Community Center
 North Castle, NY
 10 Clove Rd,
 White Plains, NY 10603

Drawing Title
INTERIOR TOILET ELEVATIONS

Project No. 20202
 Date 11-02-20
 Scale As Noted
 Drawing by JPS/KA

Checked by

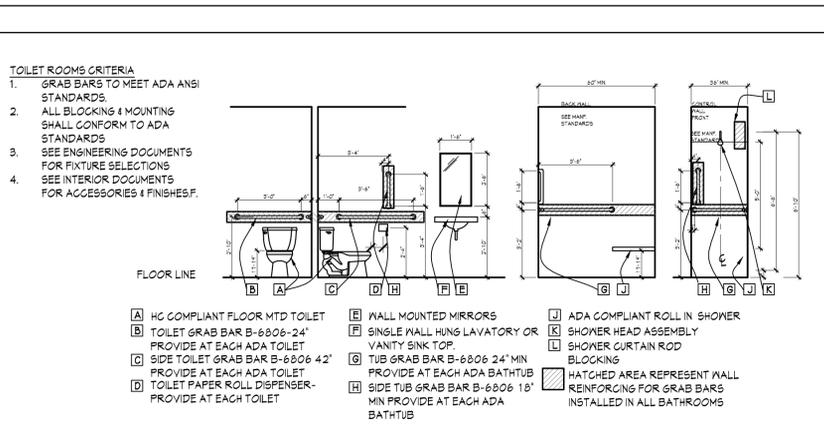
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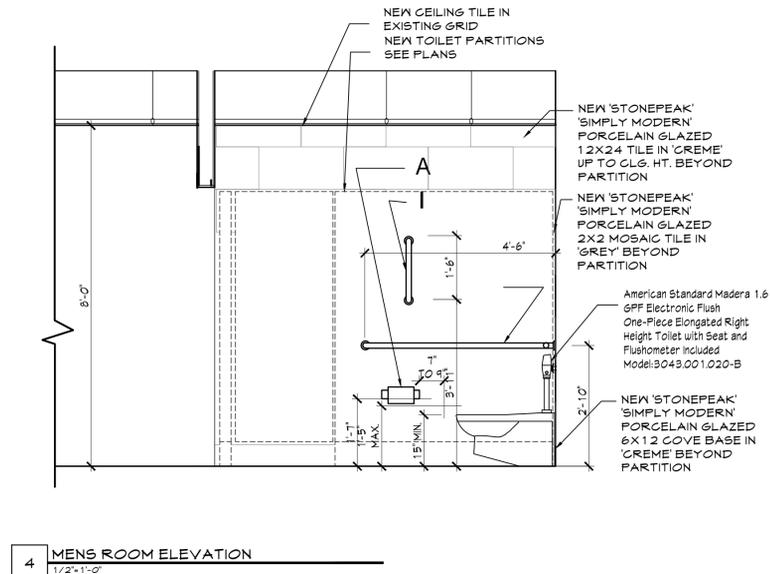
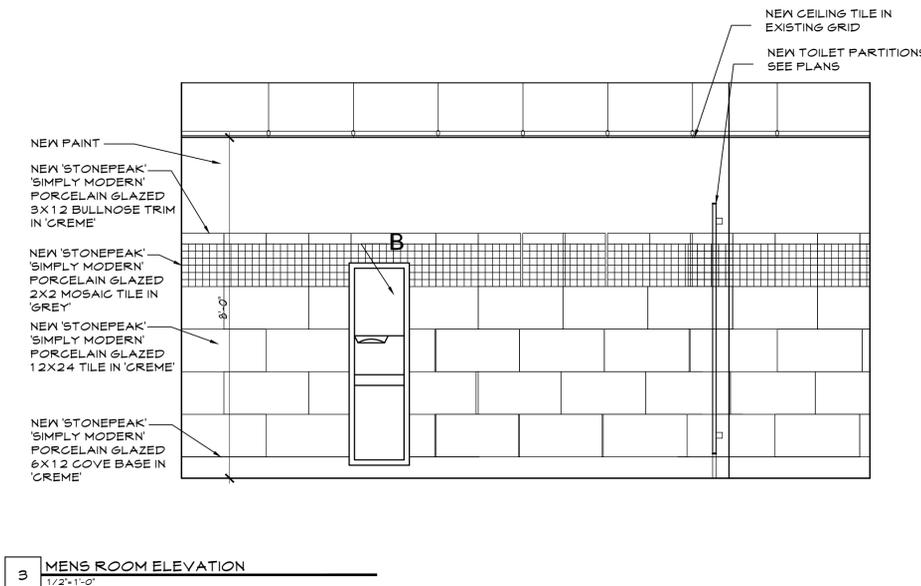
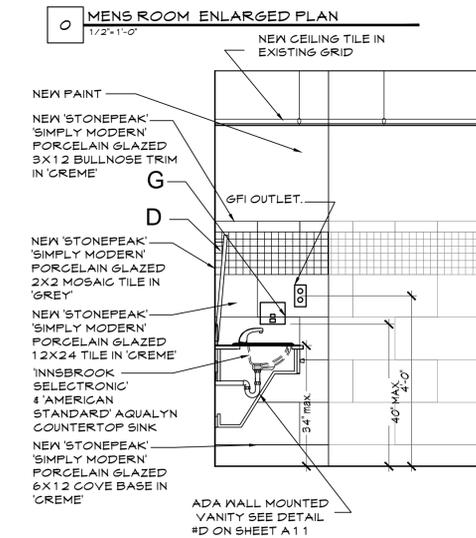
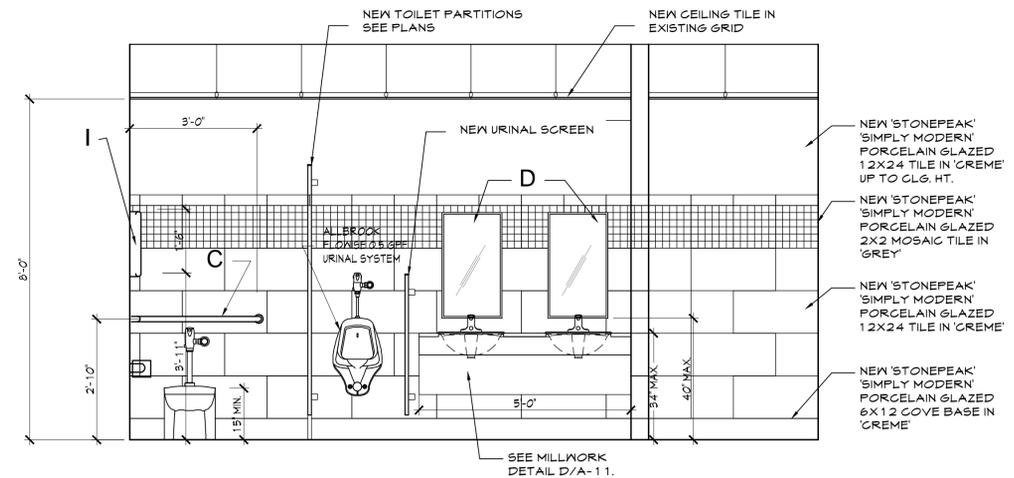
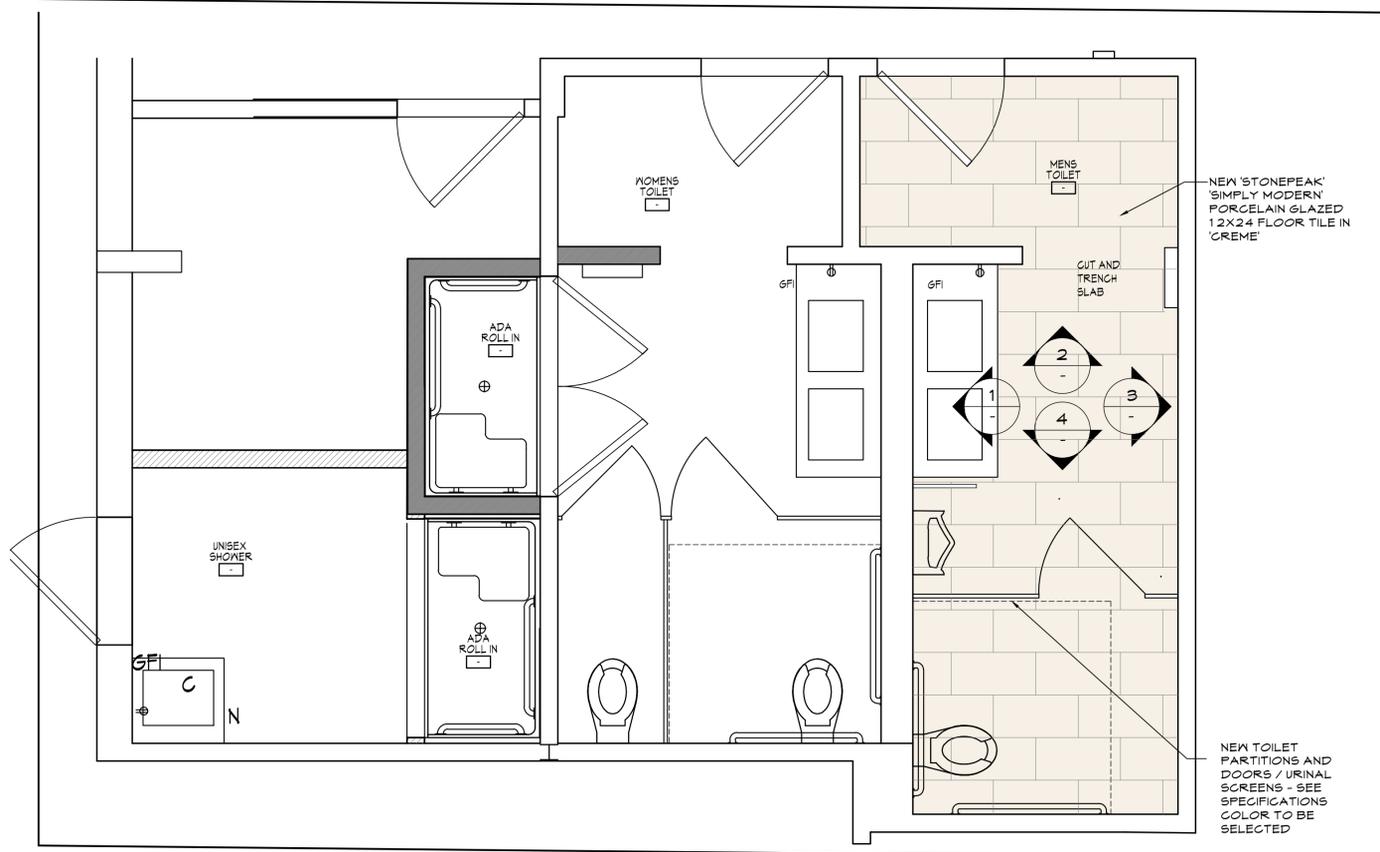


BATHROOM ACCESSORIES			
TAG	DESCRIPTION	MANUFACTURER	REMARKS
A	TOILET TISSUE DISPENSER	B-2088	
B	HAND TISSUE / TRASH DISPENSER UNIT	B-9449	
C	ADA-ACCESSIBLE GRAB BARS	BOBRICK - MISC. AS SHOWN	
D	MIRROR	B-243 1830	
E	MARBLE SADDLE - 1/2" MAX. FLR. TRANS.		
F	HOOK	B-6707	
G	SOAP DISPENSER	B-4112	
H	SWING UP ADA GRAB BAR	N/A	
I	VERTICAL GRAB BAR	18" CUSTOM GRAB BAR - MOUNTED TO WINDOW JAMB & CUSTOM BENT TO MEET ADA.	
J	ADA SHOWER FULL DOWN SHOWER HEAD	AMERICAN STANDARD COMMERCIAL SHOWER SYSTEM 2.5 GPM KIT - SEE ENGINEERS DOCUMENTS	
K	SHOWER CURTAIN ROD	ACCESSORY BID W/ SHOWER UNIT	
L	SHOWER CURTAIN	ACCESSORY BID W/ SHOWER UNIT	
M	SHOWER CURTAIN HOOK	ACCESSORY BID W/ SHOWER UNIT	
N	SHOWER FOLDING SEAT	ACCESSORY BID W/ SHOWER UNIT	
O			
P			

NOTES:

1. MANUFACTURER FOR ALL ACCESSORIES TO BE "BOBRICK" UNLESS OTHERWISE NOTED
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
3. COORDINATE WORK WITH ALL RELATED TRADES
4. PROVIDE ROUGH FRAMING AND BLOCKING FOR ALL ACCESSORIES.

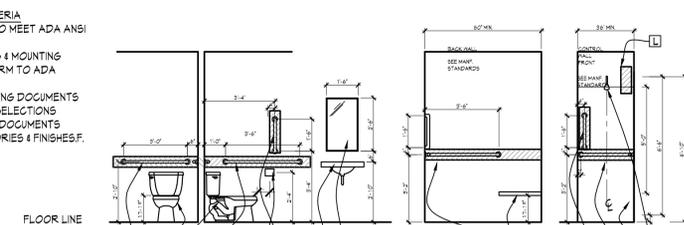




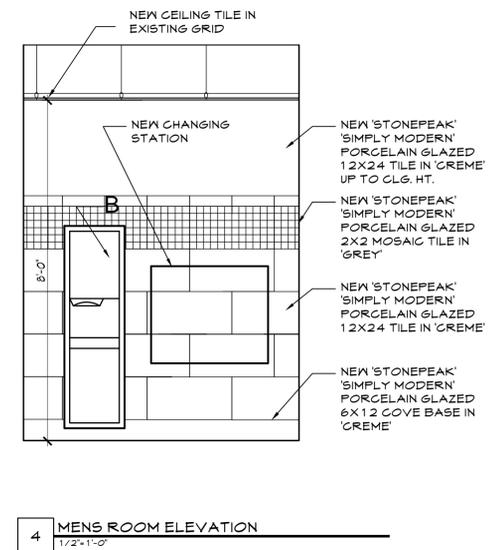
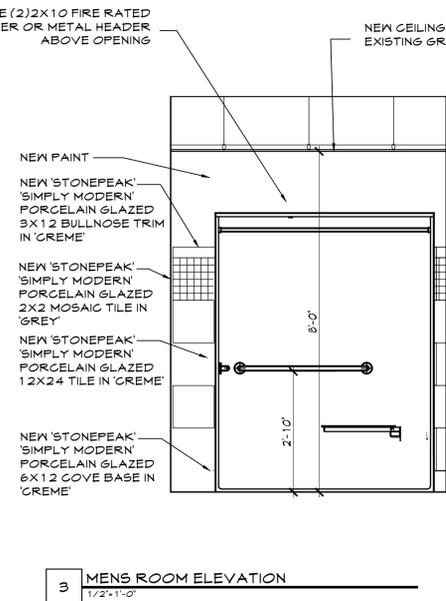
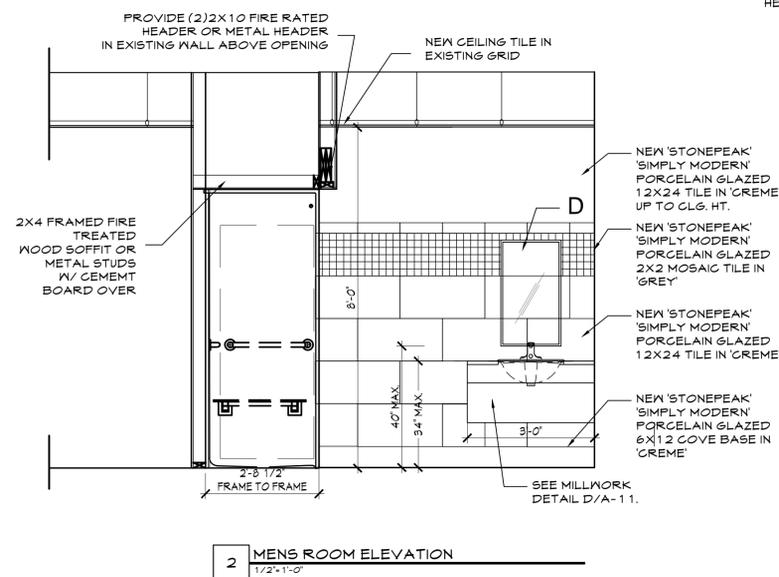
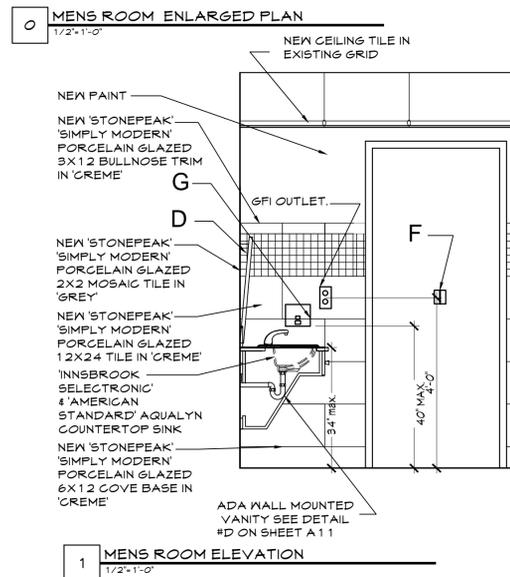
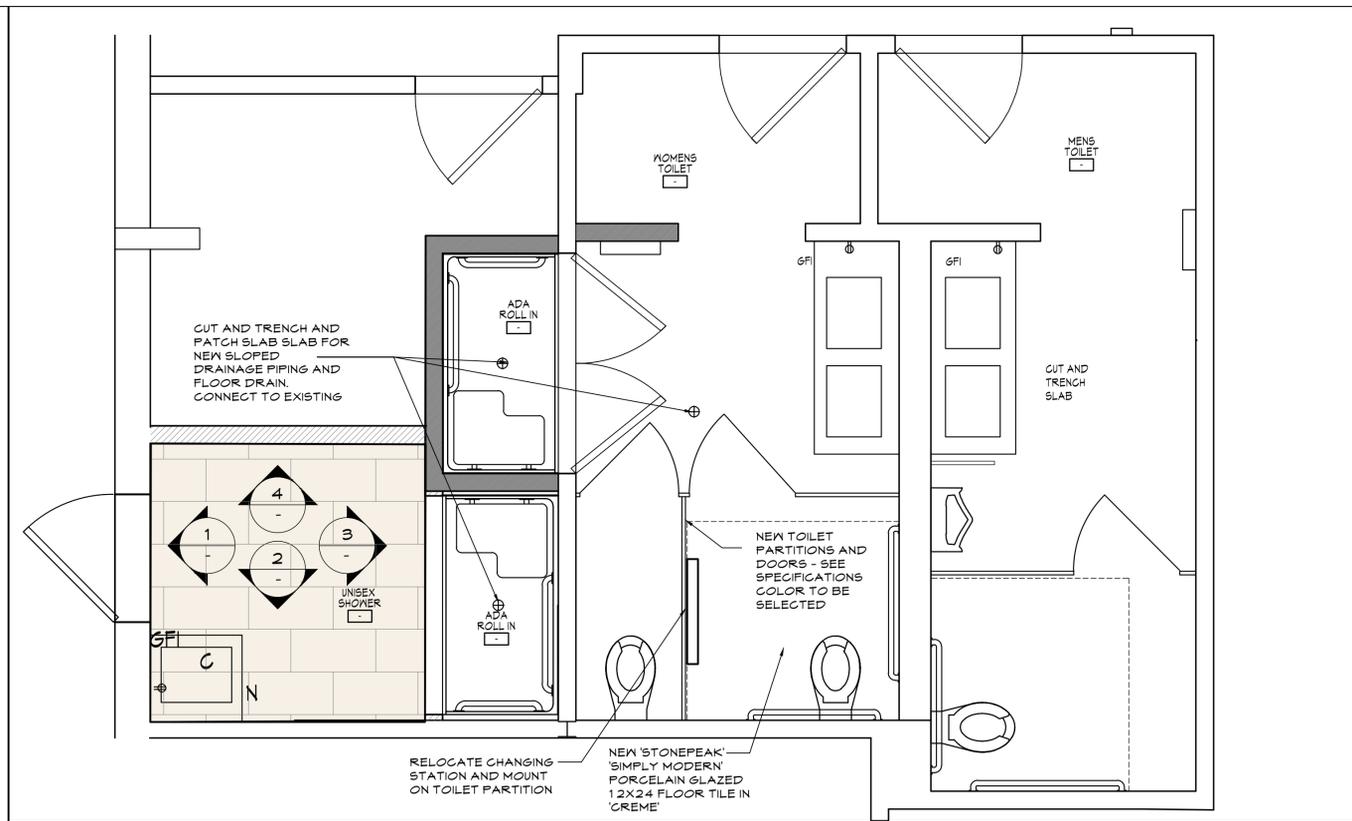
BATHROOM ACCESSORIES			
TAG	DESCRIPTION	MANUFACTURER	REMARKS
A	TOILET TISSUE DISPENSER	B-2888	
B	HAND TISSUE / TRASH DISPENSER UNIT	B-3444	
C	ADA-ACCESSIBLE GRAB BARS	BOBRICK - MISC. AS SHOWN	
D	MIRROR	B-293 1830	
E	MARBLE SADDLE - 1/2" MAX. FLR. TRANS.		
F	HOOK	B-6707	
G	SOAP DISPENSER	B-4112	
H	SKIN UP ADA GRAB BAR	N/A	
I	VERTICAL GRAB BAR	18" CUSTOM GRAB BAR - MOUNTED TO WINDOW JAMB & CUSTOM BENT TO MEET ADA.	
J	ADA SHOWER PULL DOWN SHOWER HEAD	AMERICAN STANDARD COMMERCIAL SHOWER SYSTEM 2.5 GPM KIT - SEE ENGINEERS DOCUMENTS	
K	SHOWER CURTAIN ROD	ACCESSORY BID W/ SHOWER UNIT	
L	SHOWER CURTAIN	ACCESSORY BID W/ SHOWER UNIT	
M	SHOWER CURTAIN HOOK	ACCESSORY BID W/ SHOWER UNIT	
N	SHOWER FOLDING SEAT	ACCESSORY BID W/ SHOWER UNIT	
O			
P			

NOTES:
1. MANUFACTURER FOR ALL ACCESSORIES TO BE 'BOBRICK' UNLESS OTHER WISE NOTED
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
3. COORDINATE WORK WITH ALL RELATED TRADES
4. PROVIDE ROUGH FRAMING AND BLOCKING FOR ALL ACCESSORIES.

TOILET ROOMS CRITERIA
1. GRAB BARS TO MEET ADA ANSI STANDARDS
2. ALL BLOCKING & MOUNTING SHALL CONFORM TO ADA STANDARDS
3. SEE ENGINEERING DOCUMENTS FOR FIXTURE SELECTIONS
4. SEE INTERIOR DOCUMENTS FOR ACCESSORIES & FINISHES.



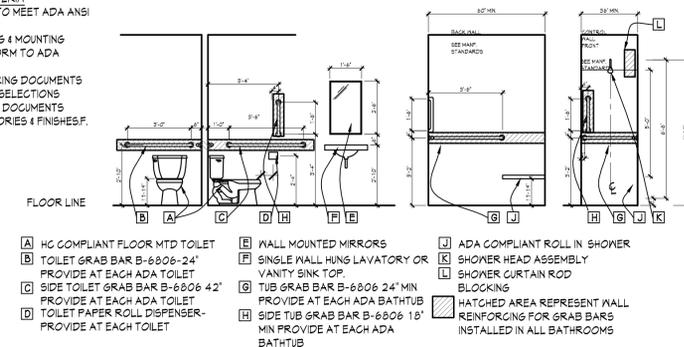
A HG COMPLIANT FLOOR MTD TOILET
B TOILET GRAB BAR B-6806-24" PROVIDE AT EACH ADA TOILET
C SIDE TOILET GRAB BAR B-6806-42" PROVIDE AT EACH ADA TOILET
D TOILET PAPER ROLL DISPENSER- PROVIDE AT EACH TOILET
E WALL MOUNTED MIRRORS
F SINGLE WALL HUNG LAVATORY OR VANITY SINK TOP.
G TUB GRAB BAR B-6806-24" MIN PROVIDE AT EACH ADA BATH TUB
H SIDE TUB GRAB BAR B-6806-18" MIN PROVIDE AT EACH ADA BATH TUB
I ADA COMPLIANT ROLL IN SHOWER
J SHOWER HEAD ASSEMBLY
K SHOWER CURTAIN ROD
L BLOCKING
M HATCHED AREA REPRESENT WALL REINFORCING FOR GRAB BARS INSTALLED IN ALL BATHROOMS



BATHROOM ACCESSORIES			
TAG	DESCRIPTION	MANUFACTURER	REMARKS
A	TOILET TISSUE DISPENSER	B-2888	
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O			
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- NOTES:**
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Owner:
Town of North Castle
15 Bedford Road, Armonk, NY 10504

MEP&FP Engineer:
OLA Consulting Engineers
50 Broadway, 2nd Floor
Hawthorne, NY 10532
Tel: 914-747-2800

Date Issue

11-02-20 BIDDING ONLY

Project Title

North White Plains Community Center
North Castle, NY

10 Clove Rd,
White Plains, NY 10603

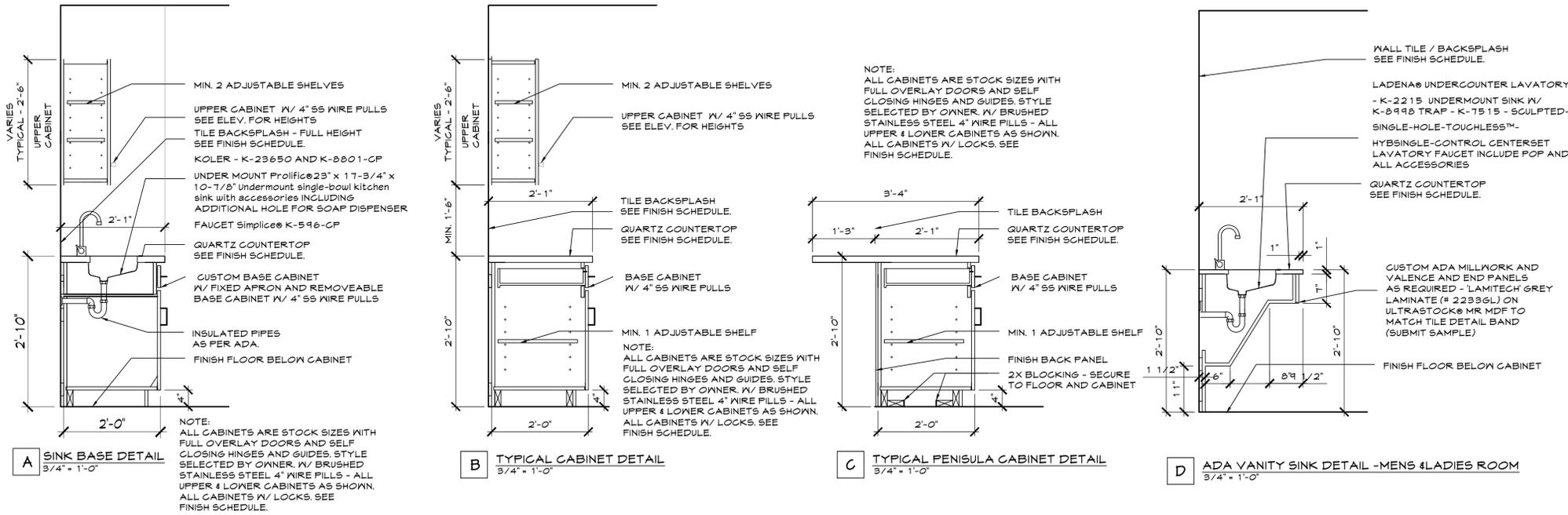
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**MILLWORK
DETAILS / DETAILS**

Project No. 20202
Date 11-02-20
Scale As Noted
Drawing by JPS/KA

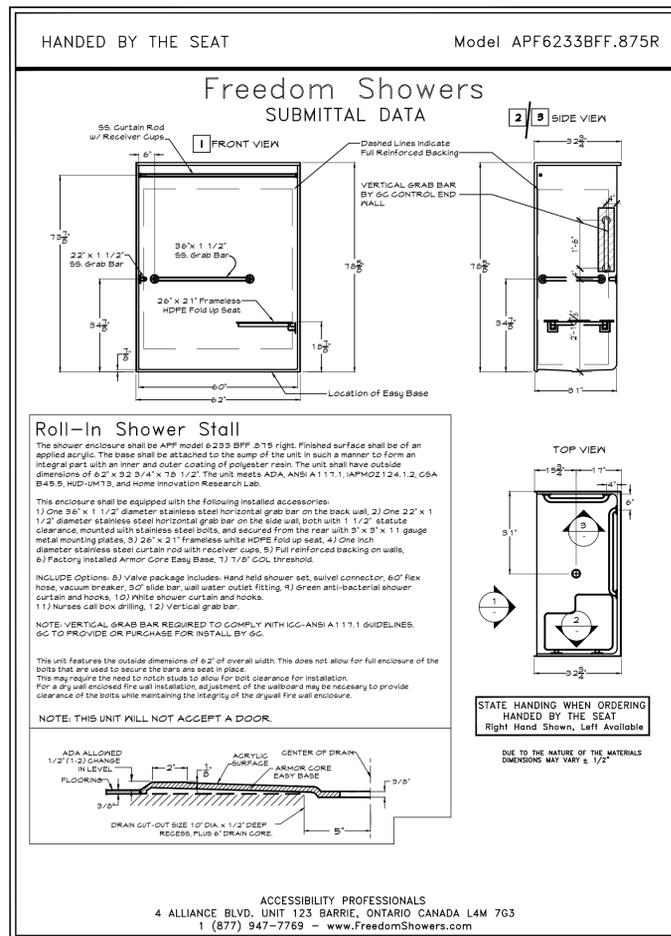
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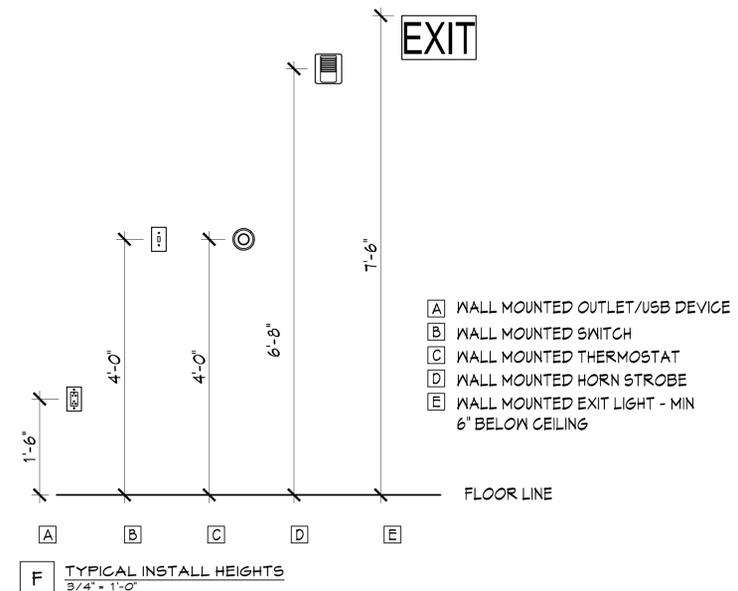
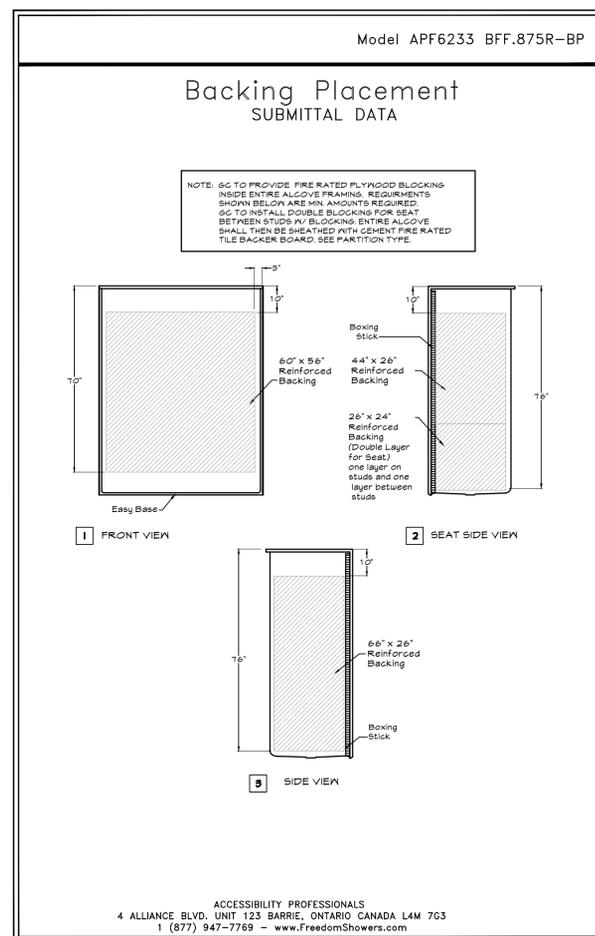
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1 MILLWORK DETAILS
1/2" - 1'-0"



2 ROLL-IN SHOWER DETAILS
1/2" - 1'-0"



2 ROLL-IN SHOWER DETAILS
1/2" - 1'-0"

Owner: **Town of North Castle**
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Project Title

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North Castle, NY

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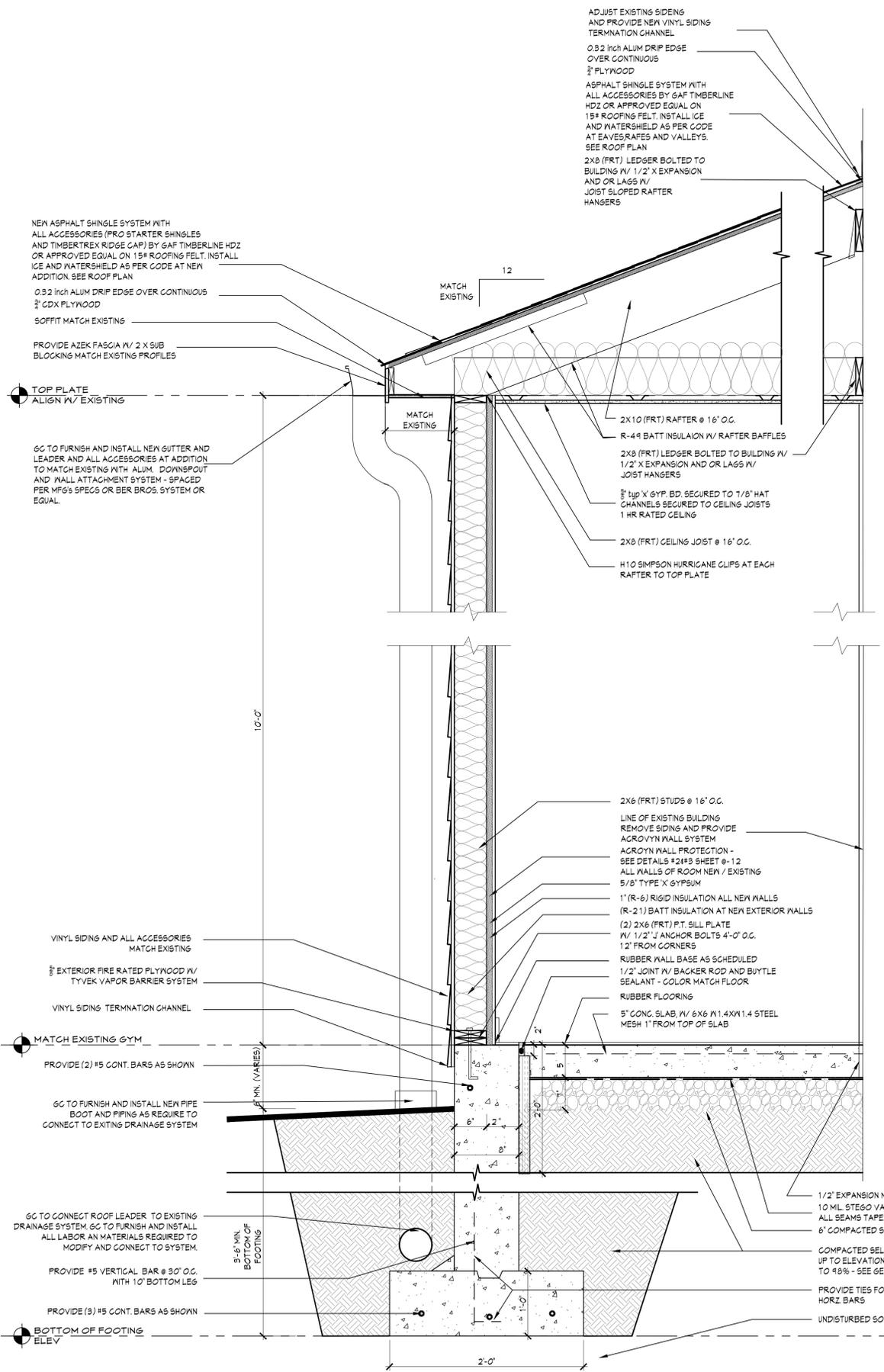
WALL SECTION / DETAILS ELEVATIONS

Project No. 20202
Date 11-02-20
Scale As Noted
Drawing by JPS/KA

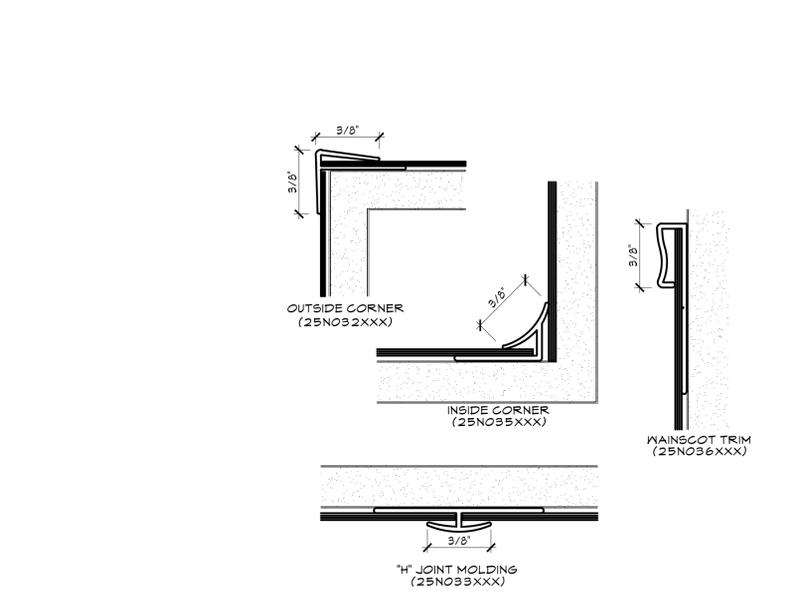
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Drawing No.

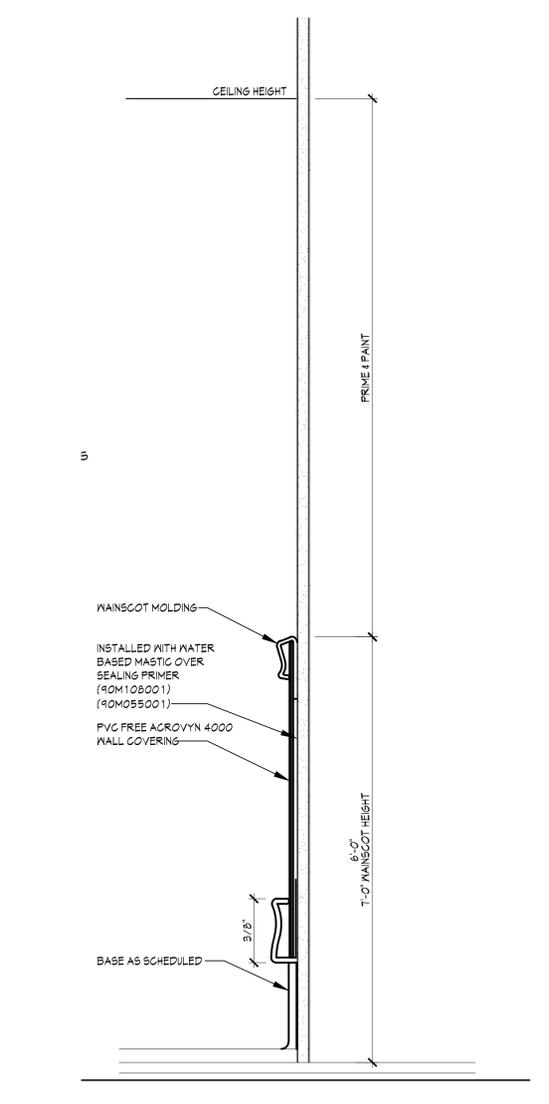
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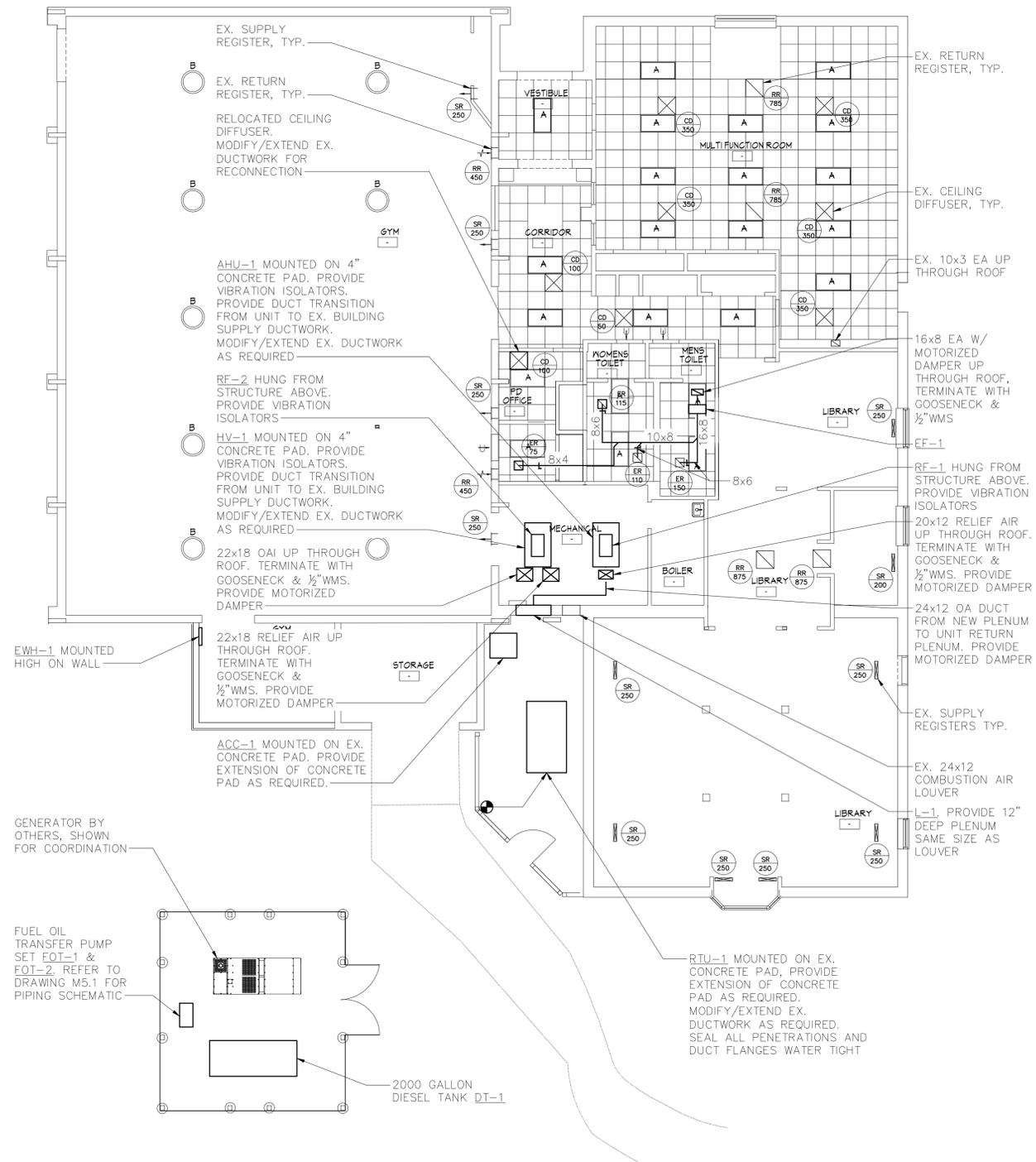
1 GYM STORAGE ROOM WALL SECTION
3/4" = 1'-0"



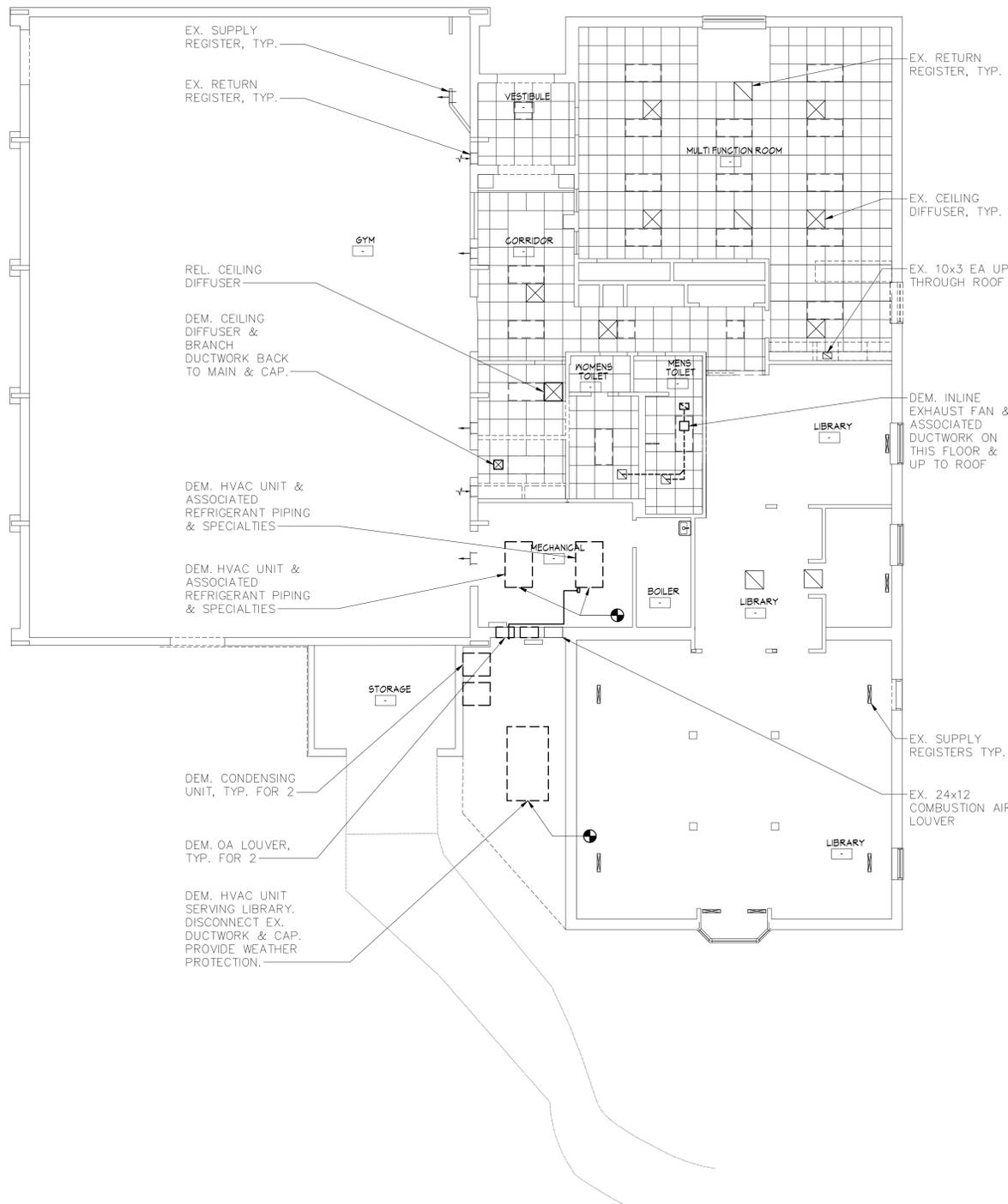
3 AGROVYN TYPICAL WALL COVER DETAILS
3/4" = 1'-0"



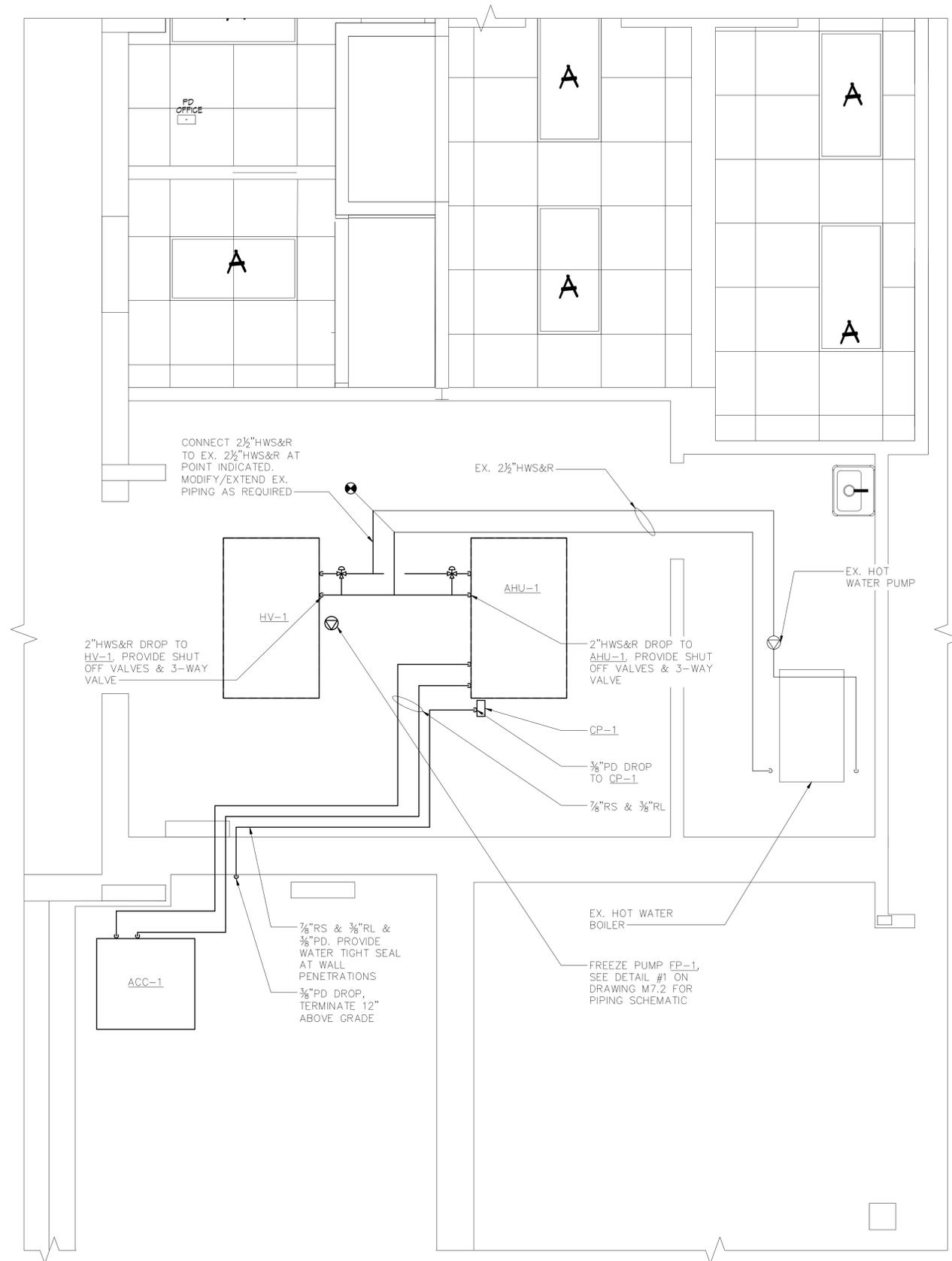
2 AGROVYN TYPICAL WALL COVER WALL DETAIL
3/4" = 1'-0"



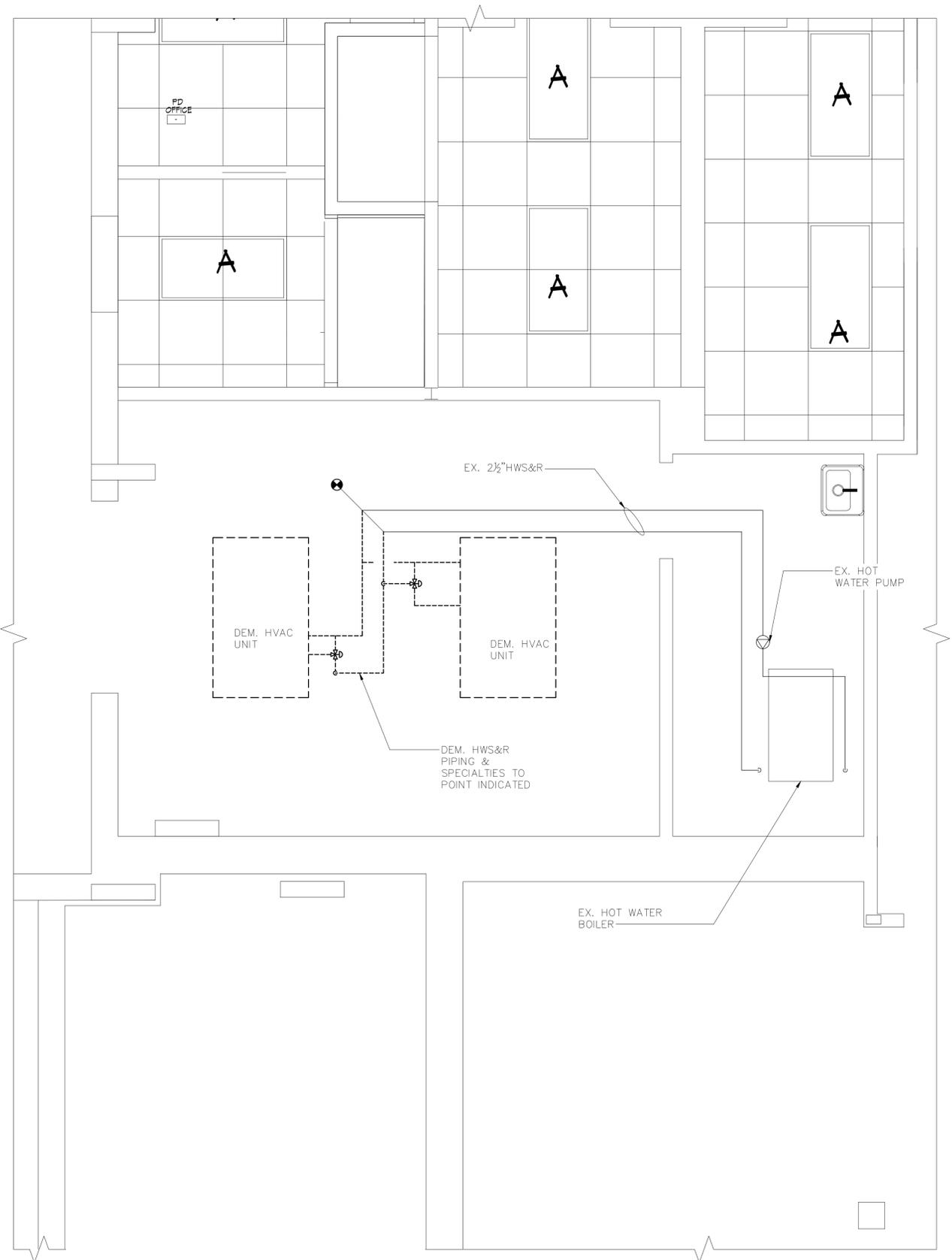
2 MECHANICAL NEW WORK PLAN
SCALE: 1/8" = 1'-0"
NOTE:
1. PROVIDE CLEANING OF DUCT SYSTEM.
2. BALANCE ALL EXISTING CEILING DIFFUSERS & RETURN REGISTERS TO VOLUMES SHOWN ON THIS PLAN.
3. REFER TO DETAIL #9 ON DRAWING M7.1 FOR MORE INFORMATION FOR AHU-1/RF-1 INSTALLATION.
4. REFER TO DETAIL #10 ON DRAWING M7.1 FOR MORE INFORMATION FOR HV-1/RF-2 INSTALLATION.



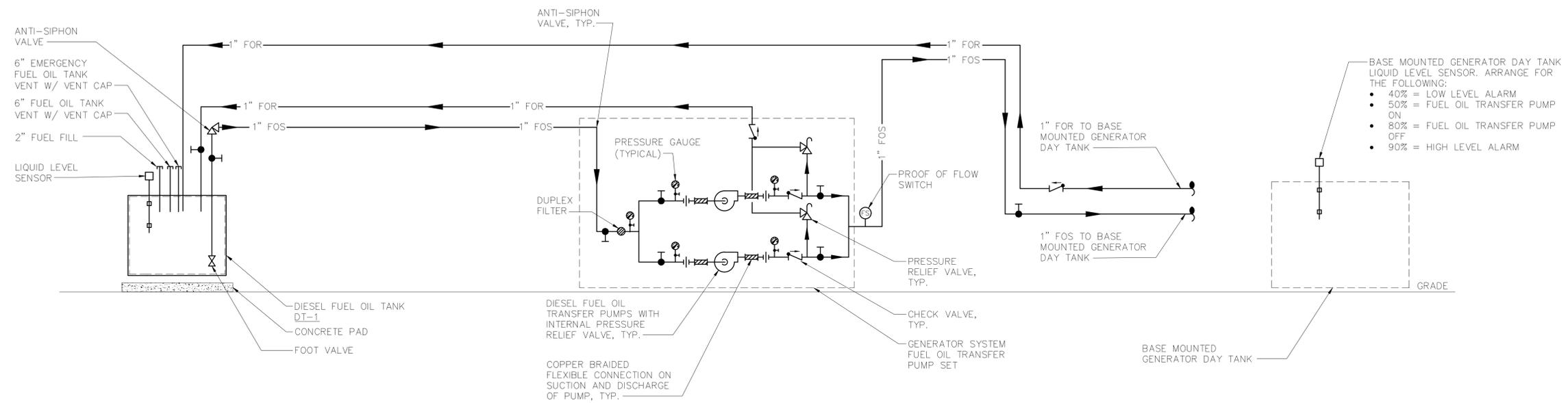
1 MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
NOTE:
1. PROVIDE PRE-DEMOLITION CFM READINGS OF ALL EXISTING CEILING DIFFUSERS, SUPPLY REGISTERS & RETURN REGISTERS.
2. ALL DIFFUSERS & REGISTERS SHALL BE EXISTING TO REMAIN U.O.N.



2 MECHANICAL HYDRONIC NEW WORK PLAN
SCALE: 1/8" = 1'-0"
NOTE:
1. PROVIDE RE-BALANCING OF EX. HOT WATER PUMP.



1 MECHANICAL HYDRONIC DEMOLITION PLAN
SCALE: 1/2" = 1'-0"
NORTH



1 DIESEL FUEL PIPING SCHEMATIC
SCALE: NONE

Date Issue	ISSUED FOR REVIEW
10/30/2020	ISSUED FOR REVIEW
11/02/2020	ISSUED FOR BID

Project Title
North White Plains Community Center
North Castle, NY

10 Clove Rd,
White Plains, NY 10603

Drawing Title
MECHANICAL DIESEL FUEL PIPING SCHEMATIC DIAGRAM

Project No.	NSPC0019.00
Date	10-09-20
Scale	AS NOTED
Drawing by	MM

Checked by: **MM**

Drawing No.
M5.1

PUMP SCHEDULE	
DESIGNATION	FP-1
LOCATION	MECHANICAL ROOM
SYSTEM SERVED	HV-1
PUMP SIZE	NRF-36
TYPE	IN-LINE
GPM	15
TOTAL DYNAMIC HEAD (FT H ₂ O)	8
RPM	2950
FLUID	WATER
ELECTRICAL	
WATTS	270
VOLTAGE/ø/Hz	115/1/60
FLA	2.1
STARTER:	
TYPE	HOA
NOTES: 1. PUMPS BASED ON BELL AND GOSSETT. 2. ALL MOTORS SHALL BE PREMIUM EFFICIENCY. 3. ALL PUMPS SHALL BE FURNISHED WITH A MOTOR STARTER DISCONNECT SWITCH.	

SPLIT-SYSTEM AC UNIT SCHEDULE	
DESIGNATION	AHU-1
LOCATION	MECHANICAL ROOM
AREA SERVED	MULTIPURPOSE ROOM/OFFICE/CORRIDORS
MANUFACTURER	TRANE
MODEL	BCHD072
WEIGHT OF UNIT (LBS)	305
FILTERS:	
TYPE	MERV 13
SIZE	2"
DX EVAPORATOR COIL:	
No. OF ROWS	3
E.A.T. (°F) DB/WB	77 / 66
L.A.T. (°F) DB/WB	57.39 / 56.34
AIR P.D. (IN H ₂ O)	0.34
CAPACITY (MBH) SENS./TOTAL	43.1 / 60.2
REFRIGERANT TYPE	R410A
HEATING COIL:	
NO. OF ROWS	1
E.A.T. / L.A.T. (°F)	45 / 95.7
E.W.T. / L.W.T. (°F)	180 / 160
GPM	10.97
WATER PD. (IN H ₂ O)	1.88
AIR P.D. (IN H ₂ O)	0.106
TOTAL CAPACITY (MBH)	109.87
SUPPLY AIR FAN:	
SUPPLY AIR CFM	2000
BHP/HP	0.96 / 1
RPM	1054
ESP/TSP (IN H ₂ O)	1.0 / 1.67
VOLTS/ø/Hz	230/1/60
MCA/MOCP	9.66 / 15.0
AIR COOLED CONDENSING UNIT:	
LOCATION	SEE PLANS
MANUFACTURER	TRANE
MODEL	4TR6060J1000B
WEIGHT OF UNIT (LBS)	277
VOLTS/ø/Hz	230/1/60
MCA/MOCP	27 / 45
RS/RL SIZES	7/8" / 3/8"
NOTES: 1. PROVIDE THE FOLLOWING FOR EACH UNIT: ·DOUBLE-WALL CONSTRUCTION. ·FURNISH EXTRA DRIVE BELT AND EXTRA FILTER SET. ·COORDINATE LEFT/RIGHT COIL CONNECTION AND FAN DRIVE IN FIELD. ·VIBRATION ISOLATORS ·ALL MODULATING DAMPERS SHALL BE OPPOSED-BLADE TYPE. OPEN/CLOSE DAMPERS MAY BE PARALLEL-BLADE TYPE. ·CONDENSATE PUMP CP-1 2. PROVIDE THE FOLLOWING MOTOR CONTROL OPTIONS FOR EACH UNIT: ·ALL MOTORS 1 HP OR GREATER SHALL BE PREMIUM EFFICIENCY. ·ALL MOTOR STARTERS AND DISCONNECT SWITCHES SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR & INSTALLED BY THE ELECTRICAL CONTRACTOR. ·FACTORY SUPPLIED CONTROLLER CAPABLE OF BEING TIED INTO EXISTING CONTROL SYSTEM.	

LOUVER SCHEDULE	
DESIGNATION	L-1
LOCATION	MECHANICAL ROOM
MODEL	ELF375DXH
DIMENSIONS	48x12x6
FREE AREA (S.Q. FT)	1.17
NOTES: 1. LOUVERS BASED ON RUSKIN. 2. COORDINATE EXACT LOUVER SIZE WITH ARCHITECTURAL PLANS AND WITH WALL OPENINGS IN THE FIELD. 3. ALL LOUVERS SHALL BE STATIONARY, DRAINABLE BLADE WITH 37.5° BLADE ANGLE. 4. CUSTOM COLORED LOUVERS SHALL BE SELECTED BY ARCHITECT. SUBMIT COLOR CHART FOR REVIEW. 5. FURNISH 1/2" GALVANIZED BIRD SCREEN FOR ALL LOUVERS.	

FAN SCHEDULE			
DESIGNATION	EF-1	RF-1	RF-2
LOCATION	MEN'S TOILET	MECHANICAL ROOM	MECHANICAL ROOM
AREA SERVED	RESTROOMS	MULTIPURPOSE ROOM/OFFICE/CORRIDORS	GYM
MODEL	CSP-A700-VG	CSP-A3300-VG	CSP-A3300-VG
CFM	450	2000	1000
TSP (IN. WG)	0.5	0.5	0.5
BHP	0.5	366*	168*
FLA (AMPS)	4.1	14	14
DRIVE TYPE	DIRECT	DIRECT	DIRECT
VOLTS/ø/Hz	115/1/60	115/1/60	115/1/60
NOTES: 1. ALL FANS BASED ON GREENHECK. 2. ALL MOTORS SHALL BE PREMIUM EFFICIENCY WHERE APPLICABLE. 3. FURNISH MOTOR STARTERS AND DISCONNECT SWITCHES FOR EACH FAN. 4. FURNISH WALL MOUNTED SPEED CONTROLLER AS INDICATED ON PLAN. 5. PROVIDE VFD FOR ALL FANS WHERE APPLICABLE. 6. * = INPUT WATTAGE			

ROOF TOP UNIT SCHEDULE	
DESIGNATION	RTU-1
LOCATION	SEE PLANS
AREA SERVED	LIBRARY
MODEL	4YCZ60601115A
OPERATING WEIGHT (LB)	548
SUPPLY FAN:	
CFM	1950
MIN OA CFM	300
MOTOR HP	1
DX COOLING COIL:	
FACE AREA (SQ. FT.)	5.0
EER/IEER	11.4 / 15.1
E.A.T. (°F) DB/WB	
L.A.T. (°F) DB/WB	
TOTAL CAPACITY (MBH)	57.5
FURNACE:	
INPUT CAPACITY (MBH)	92 / 115
E.A.T./L.A.T. (°F)	60.0 / 100.0
OUTPUT CAPACITY (MBH)	74.5 / 93.15
ELECTRICAL DATA:	
VOLTS/ø/Hz	208/1/60
MCA/MOCP	44.4 / 60
NOTES: 1. UNITS BASED ON TRANE. 2. FURNISH THE FOLLOWING SECTIONS: ·LOW LEAK ECONOMIZER ·SUPPLY FAN ·FAN CAPACITY CONTROL ·6" CONCRETE PAD ·DX COOLING COIL ·NEMA 3R DISCONNECT SWITCH 3. ALL UNITS SHALL HAVE SINGLE POINT POWER CONNECTION. 4. ALL UNITS SHALL BE PROVIDED WITH: PREMIUM EFFICIENCY MOTORS, TWO EXTRA SET OF BELTS AND FILTERS. 5. FACTORY SUPPLIED CONTROLLER CAPABLE OF BEING TIED INTO EXISTING CONTROL SYSTEM. 6. PROVIDE CDI CURB ADAPTER #1-5005-3041 AND SEAL ALL DUCT CONNECTION & PENETRATIONS WATER TIGHT.	

HEATING & VENTILATING UNIT SCHEDULE	
DESIGNATION	HV-1
LOCATION	MECHANICAL ROOM
AREA SERVED	GYMNASIUM
MANUFACTURER	TRANE
MODEL	BCHD024
WEIGHT OF UNIT (LBS)	170.9
FILTERS:	
TYPE	MERV 13
SIZE	2"
HEATING COIL:	
NO. OF ROWS	2
E.A.T. / L.A.T. (°F)	11 / 102.6
E.W.T. / L.W.T. (°F)	180 / 160
GPM	9.92
WATER PD. (IN H ₂ O)	19.63
AIR P.D. (IN H ₂ O)	0.269
TOTAL CAPACITY (MBH)	99.34
SUPPLY AIR FAN:	
SUPPLY AIR CFM	1000
BHP/HP	0.337 / 1
RPM	1085
ESP/TSP (IN H ₂ O)	0.5 / 1.04
VOLTS/ø/Hz	230/1/60
MCA/MOCP	9.66 / 15.0
STARTER LOCATION	
NOTES: 1. PROVIDE THE FOLLOWING FOR EACH UNIT: ·DOUBLE-WALL CONSTRUCTION. ·FURNISH EXTRA DRIVE BELT AND EXTRA FILTER SET. ·COORDINATE LEFT/RIGHT COIL CONNECTION AND FAN DRIVE IN FIELD. ·VIBRATION ISOLATORS. ·ALL MODULATING DAMPERS SHALL BE OPPOSED-BLADE TYPE. OPEN/CLOSE DAMPERS MAY BE PARALLEL-BLADE TYPE. 2. PROVIDE THE FOLLOWING MOTOR CONTROL OPTIONS FOR EACH UNIT: ·ALL MOTORS 1 HP OR GREATER SHALL BE PREMIUM EFFICIENCY. ·ALL MOTOR STARTERS AND DISCONNECT SWITCHES SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR & INSTALLED BY THE ELECTRICAL CONTRACTOR. ·FACTORY SUPPLIED CONTROLLER CAPABLE OF BEING TIED INTO EXISTING CONTROL SYSTEM.	

FUEL OIL TRANSFER PUMP SCHEDULE	
DESIGNATION	FOTP-1&2
LOCATION	REFER TO DRAWINGS
AREA SERVED	GENERATOR
MODEL	ATPS-103
PUMPS:	
GPH	54
PRESSURE (PSI)	50
ELECTRICAL DATA:	
VOLTS/ø/Hz	120/1/60
MOTOR HP (EACH)	1/3
INTERLOCK	
	GENERATOR
NOTES: 1. TRANSFER PUMPS BASED ON PREFERRED UTILITIES. 2. DUPLEX STRAINER, PUMP ISOLATION AND CHECK VALVES, VIBRATION REDUCTION, RELIEF VALVES, FUEL PUMP ALTERATION (PRIMARY & STANDBY), AND CONTROL CABINET. 3. COMPOUND GAUGE WITH ISOLATION VALVE ON SUCTION SIDE OF STRAINER. 4. PRESSURE GAUGE WITH ISOLATION VALVE ON DISCHARGE SIDE OF PUMP. 5. PROVIDE DRIP PAN UNDER ENTIRE TRANSFER PUMP SET WITH 2" MINIMUM HEIGHT. 6. FUEL OIL TRANSFER PUMPS SHALL BE PROVIDED WITH AN OUTDOOR RATED ENCLOSURE	

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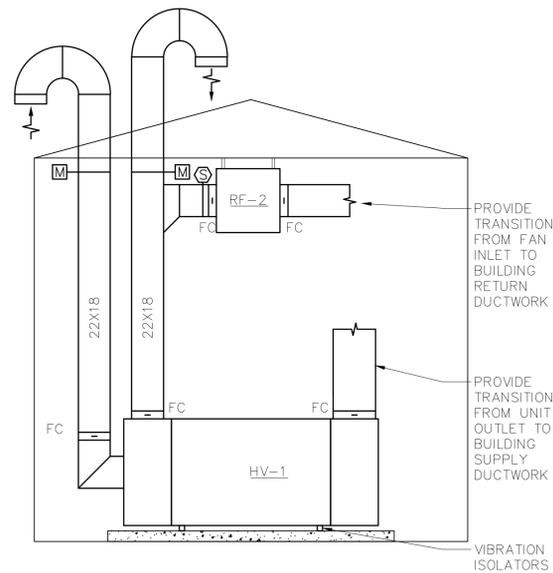
Project Title
North White Plains Community Center
North Castle, NY

10 Clove Rd,
White Plains, NY 10603

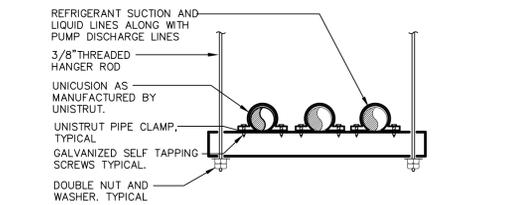
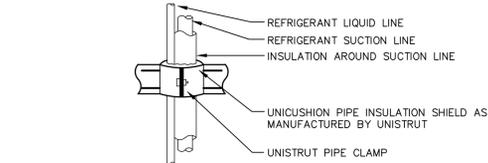
Drawing Title
MECHANICAL SCHEDULES

Project No. NSPC0019.00
Date 10-09-20
Scale AS NOTED
Drawing by MM

Checked by MM
Drawing No. **M6.1**

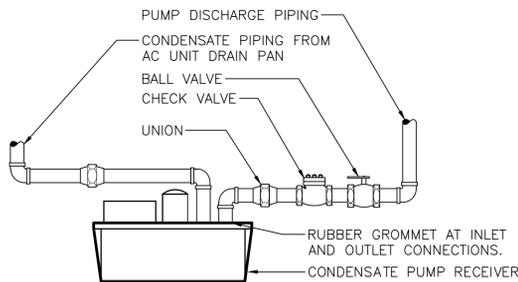


10 HV-1/RF-2 INSTALLATION
SCALE: NONE

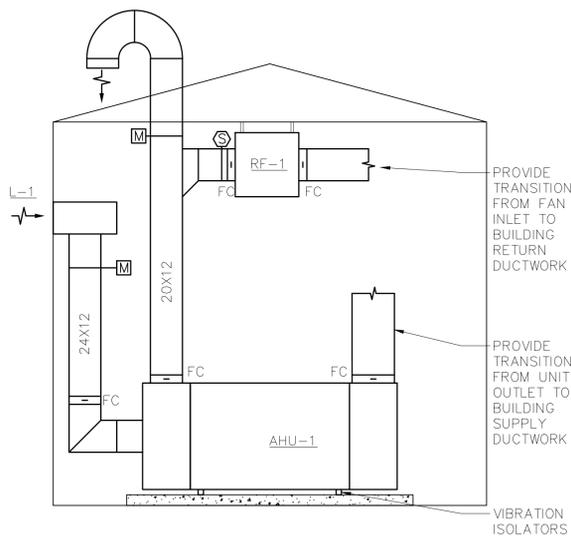


NOTES:
1.) LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
2.) LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
3.) USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHOULD BE USED.
4.) SLOPE SHORT HORIZONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE OUTDOOR UNIT.

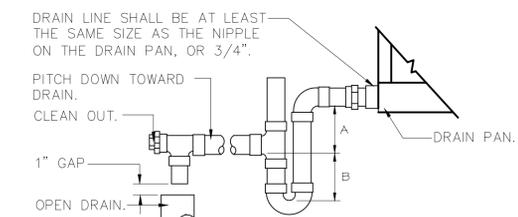
8 REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE



7 CONDENSATE PUMP PIPING SCHEMATIC
SCALE: NONE

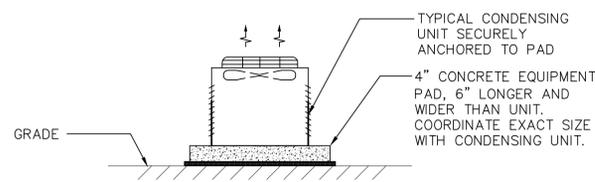


9 AHU-1/RF-1 INSTALLATION
SCALE: NONE



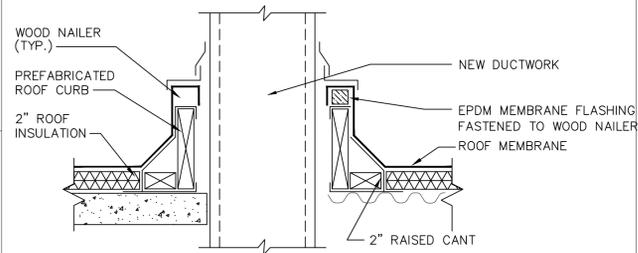
NOTES:
1.) DRAW THRU UNITS; DIMENSION A (DEPTH OF SEAL) SHALL BE 2" MINIMUM AND DIMENSION B SHALL BE 1.2 x THE STATIC PRESSURE OF THE UNIT.
2.) BLOW THRU UNITS; DIMENSION A (DEPTH OF SEAL) SHALL BE 1" MINIMUM AND DIMENSION B SHALL BE 2.0 x THE STATIC PRESSURE OF THE UNIT.
3.) PLUMBING CONTRACTOR SHALL ROUTE CONDENSATE DRAIN LINE TO UNIT. MECHANICAL CONTRACTOR SHALL PROVIDE FINAL CONNECTIONS.

6 AIR CONDITIONING UNIT CONDENSATE DRAIN DETAIL
SCALE: NONE



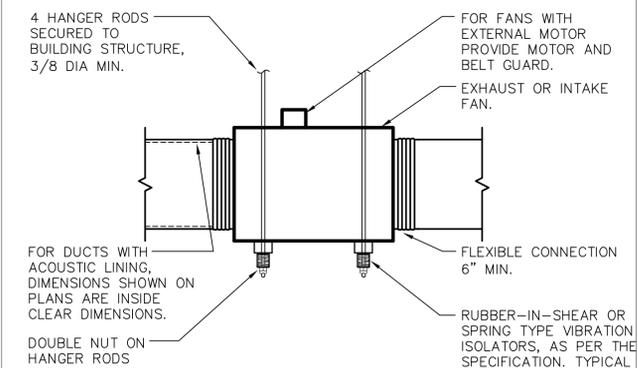
NOTES:
1.) ARRANGEMENT IS TYPICAL FOR UP FLOW OR HORIZONTAL FLOW CONDENSING UNITS.

5 AIR COOLED CONDENSING UNIT SUPPORT PAD DETAIL
SCALE: NONE

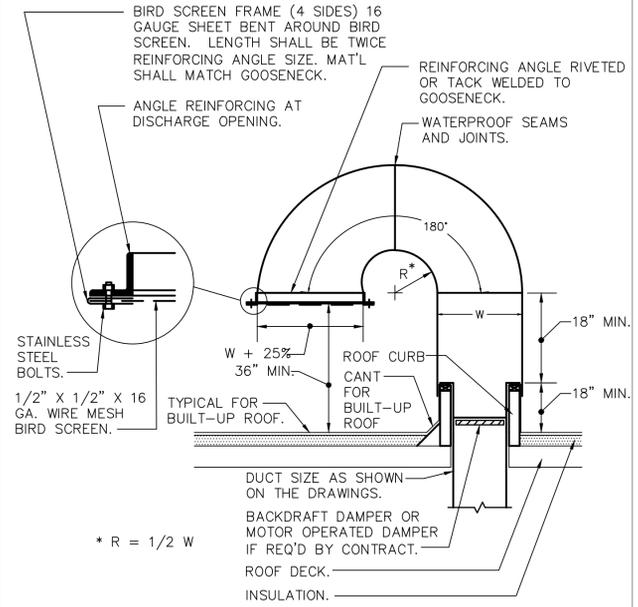


NOTES:
1.) PREFABRICATED ROOF CURB AND PIPE BOX ASSEMBLY BASED ON CUSTOM CURB INC. MODEL CPBA-1 CUSTOM ROOF CURB/PIPE BOX ASSEMBLY WITH 10 INCH HIGH ROOF CURB, 2 INCH RAISED CANT, 1.5 INCH THICK 3.5 POUND RIGID INSULATION, 18 GAGE GALVANIZED STEEL SHELL AND BASE PLATE, AND 0.050 ALUMINUM PIPE BOX.
2.) CONTRACTOR SHALL PROVIDE ALL FLASHING, COUNTERFLASHING, AND ANY OTHER MATERIALS AND LABOR NECESSARY TO ENSURE A WATERTIGHT ROOF PENETRATION ENCLOSURE.

4 DUCTWORK THROUGH ROOF DETAIL
SCALE: NONE

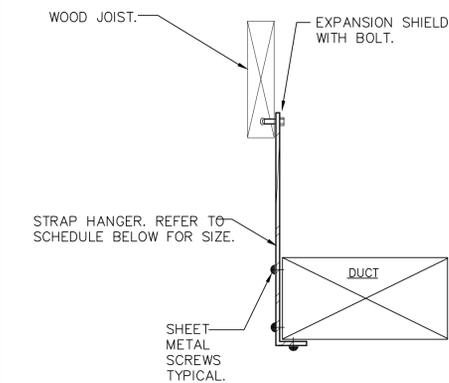


3 INLINE FAN DETAIL
SCALE: NONE



NOTES:
1.) GOOSENECK SHALL BE CONSTRUCTED OF THE SAME MATERIAL AND PRESSURE CLASSIFICATION AS SYSTEM DUCTWORK.

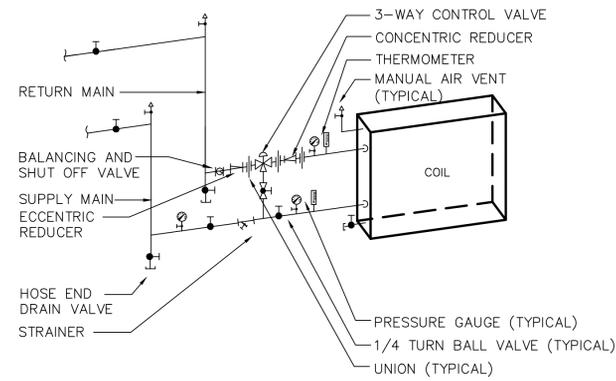
2 GOOSENECK DETAIL
SCALE: NONE



NOTES:
1.) FOR DUCTS OVER 49" WIDE, THE STRAP HANGER SHALL BE TURNED UNDER THE BOTTOM OF THE DUCT.
2.) WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

HANGER STRAP SCHEDULE		
DUCT SIZE	HANGER SIZE	MAXIMUM SPACING
UP TO 2 SQ.FT.	1" X 1/16"	8'-0"
2 SQ.FT. TO 4 SQ.FT.	1" X 1/8"	8'-0"
4 SQ.FT. TO 10 SQ.FT.	1" X 1/8"	6'-0"
OVER 10 SQ.FT.	1" X 1/8"	4'-0"

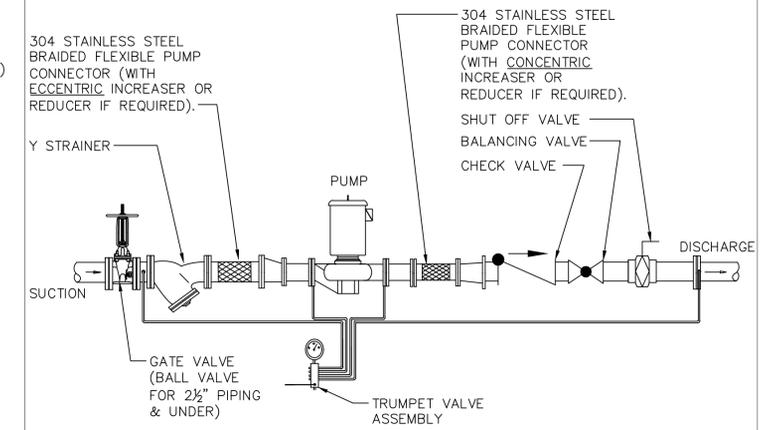
1 DUCT HANGER DETAIL
SCALE: NONE



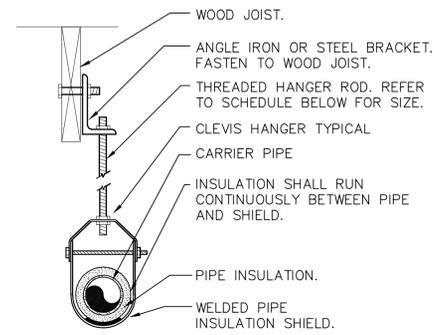
- NOTE:**
- 1.) LOCATE ALL COIL UNIONS CLOSE TO, AND CLEAR OF COIL. ARRANGE PIPING SO AS NOT TO INTERFERE WITH COIL REMOVAL.
 - 2.) DETAIL IS TYPICAL FOR AIR HANDLERS.
 - 3.) PROVIDE FLEXIBLE CONNECTION FOR THOSE COILS MOUNTED IN UNITS ON VIBRATION ISOLATION CURBS.

PIPE SIZE SCHEDULE									
MAX. GPM	1	3.5	7	20	43	75	130	270	800
PIPE SIZE	1/2	3/4	1	1-1/2	2	2-1/2	3	4	6

4 3 WAY MIXING PIPING SCHEMATIC
SCALE: NONE



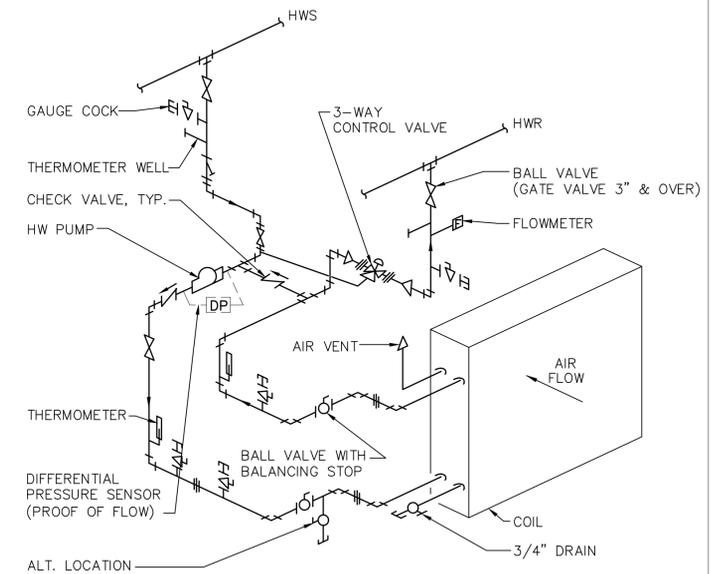
2 IN-LINE PUMP DETAIL
SCALE: NONE



PIPE HANGER SCHEDULE					
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"

- NOTES:**
- 1.) CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
 - 2.) FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
 - 3.) FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
 - 4.) ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
 - 5.) FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.

3 PIPE HANGER DETAIL
SCALE: NONE



1 PUMPED HEATING COIL FOR HV-1 DETAIL
SCALE: NONE

SYMBOLS AND ABBREVIATIONS			GENERAL NOTES		
SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION
	-	CONDUIT AND WIRING		-	FIRE ALARM RELAY
	-	CONDUIT & WIRING TO BE REMOVED UON		EOL	END OF LINE RESISTOR
	-	HOMERUN TO PANEL, ARROWS INDICATE # 1P		CB	CIRCUIT BREAKER
	-	MULTI-POLE HOMERUN		-	FUSED SWITCH
	-	ELECTRICAL EQUIPMENT AS INDICATED		GEN	GENERATOR
	-	ELECTRICAL EQUIPMENT TO BE REMOVED UON		GND	GROUND AS PER LOCAL CODE
	-	ELECTRIC METER		-	TRANSFER SWITCH
	-	JUNCTION BOX		XFMR	TRANSFORMER
	-	FUSED DISCONNECT SWITCH		CT	CURRENT TRANSFORMER
	-	UNFUSED DISCONNECT SWITCH		-	LEAK DETECTOR
	-	COMBINATION MOTOR STARTER/FUSED DISC.		MD	MOTORIZED DAMPER
	-	MOTOR STARTER		SD OR CFSD	SMOKE DAMPER
	-	MOTOR		-	CONTROL VALVE
	-	BATTERY PACK EMERGENCY LIGHT FIXTURE		A	AMPERE(S)
	-	EXIT LIGHT, FACES-SHADED, CHEVRON-ARROW		AC	AIR CONDITIONER
	-	SINGLE POLE SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)		ACC	AIR CONDITIONER CONDENSER
	-	THREE WAY SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)		AFF	ABOVE FINISHED FLOOR
	-	DIMMER SWITCH (x - INDICATES FIXTURE BEING CONTROLLED)		AF	AMPERAGE OF FUSE
	-	MOTOR RATED TOGGLE SWITCH		AHU	AIR HANDLING UNIT
	-	KEY OPERATED SINGLE POLE SWITCH		AL	ALUMINIUM
	-	WALL MOUNTED OCCUPANCY SENSOR		AS	AMPERAGE OF SWITCH
	-	CEILING MOUNTED OCCUPANCY SENSOR		ATS	AUTOMATIC TRANSFER SWITCH
	-	DUPLEX RECEPTACLE, USB INDICATES WITH UNIVERSAL SERIAL BUS		AWG	AMERICAN WIRE GAUGE
	-	DOUBLE DUPLEX RECEPTACLE		BMS	BUILDING MANAGEMENT SYSTEM
	-	SPECIAL RECEPTACLE		C	CONDUIT
	-	TELEPHONE OUTLET		CD	CANDELA
	-	DATA OUTLET (x - INDICATES # OF JACKS, 1 JACK UON)		CKT	CIRCUIT
	-	COMBINATION TELEPHONE/DATA OUTLET		CLG	CEILING
	-	COMBINATION DATA & TV OUTLET		CU	COPPER
	-	TV OUTLET		DEM.	DEMOLISH AND REMOVE
	-	FIRE ALARM MANUAL PULL STATION		DISC	DISCONNECT
	-	FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE (15/75 CD - STROBE)		DWG	DRAWING
	-	FIRE ALARM COMBINATION AUDIO/VISUAL DEVICE (110 CD - STROBE)		EMT	ELECTRICAL METALLIC TUBING
	-	FIRE ALARM STROBE 15/75 CD		EM	EMERGENCY
	-	FIRE ALARM STROBE 110 CD		EX.	EXISTING TO REMAIN
	-	CARBON MONOXIDE DEVICE (15/75 CD - STROBE)		GEN	GENERATOR
	-	SMOKE DETECTOR, EL - ELEVATOR LOBBY; SH - SMOKE HATCH; SC - PLENUM RATED ABOVE CEILING		GFI	GROUND FAULT INTERRUPTER
	-	DUCT MOUNTED SMOKE DETECTOR		HVAC	HEATING VENTILATION AIR CONDITIONING
	-	HEAT DETECTOR		KVA	KILO-VOLT-AMPERE
	-	CARBON MONOXIDE DETECTOR		KW	KILO-WATT
	-	NATURAL GAS DETECTOR		MCB	MAIN CIRCUIT BREAKER
	-	FIRE ALARM TAMPER SWITCH		MLO	MAIN LUG ONLY
	-	FIRE ALARM WATER FLOW SWITCH		NIC	NOT IN CONTRACT
	-	FIRE ALARM DOOR RELEASE		NG	NATURAL GAS
	-	FIRE ALARM ANNUNCIATOR PANEL		NL	NIGHT LIGHT
	CM	FIRE ALARM CONTROL MODULE		NTS	NOT TO SCALE
	MM	FIRE ALARM MONITORING MODULE		PNL	PANEL
	FACP	FIRE ALARM CONTROL PANEL		REL.	RELOCATED DEVICE
	BPS	BOOSTER POWER SUPPLY		REM.	REMOVE AND RELOCATE
				RGS	RIGID GALVANIZED STEEL
				RTU	ROOF TOP UNIT
				SW	SWITCH(ES)
				TYP	TYPICAL
				UG	UNDERGROUND
				UON	UNLESS OTHERWISE NOTED
				USB	UNIVERSAL SERIAL BUS
				V	VOLT(S)
				WP	WEATHERPROOF

- ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED (UON) EXISTING TO REMAIN (EX.).
- THE DRAWINGS ARE TO BE CONSIDERED SCHEMATIC ONLY AND DO NOT NECESSARILY SHOW THE EXACT LOCATIONS AND DETAILS OF THE WORK TO BE INSTALLED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING ALL FEES ASSOCIATED WITH THIS WORK INCLUDING FILING WITH THE UTILITY COMPANY (AS REQUIRED), AND WITH LOCAL AUTHORITY HAVING JURISDICTION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO HIRE A THIRD PARTY ELECTRICAL INSPECTION AGENCY TO PROVIDE UL INSPECTIONS AND SUBMIT A CERTIFICATE OF INSPECTION PRIOR TO FINAL REQUEST FOR PAYMENT.
- ALL WORK INVOLVING THE ELECTRIC SERVICE SHALL BE COORDINATED AND APPROVED BY THE UTILITY COMPANY.
- ALL CONDUCTORS SHALL BE COPPER UON "ON DRAWINGS".
- ELECTRONIC FILES OF THE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS ARE AVAILABLE TO THE CONTRACTOR. THE ENGINEER MAY GRANT THE CONTRACTOR A LIMITED LICENSE TO MAKE A DERIVATIVE WORK OF THE DATABASE FOR THE PURPOSE OF SHOP DRAWINGS, SUBMITTALS AND AS-BUILT DRAWINGS. UPON REQUEST, THE ENGINEER SHALL PROVIDE A RELEASE FORM THAT MUST BE SIGNED AND RETURNED BY THE CONTRACTOR PRIOR TO RELEASE OF THE ELECTRONIC FILES.
- CIRCUIT NUMBERS ARE FOR INFORMATION PURPOSES ONLY. ACTUAL CIRCUIT NUMBERS SHALL BE DETERMINED IN THE FIELD.
- CORE DRILLING OR TRENCHING THROUGH AN EXISTING FLOOR SLAB, WHEN REQUIRED, SHALL BE COORDINATED WITH THE OWNER. FLOOR SLABS SHALL BE RADAR SCANNED PRIOR TO CORE DRILLING OR TRENCHING. ALL WORK, INCLUDING CORE DRILLING, RADAR SCAN, INSTALLATION OF FIRE STOPPING, & CONDUIT/CABLE INSTALLATION SHALL BE PERFORMED DURING NON-BUSINESS HOURS AND INCLUDED IN BASE BID. USE EXTREME CAUTION DURING ANY CUTTING OPERATION TO AVOID DAMAGE TO EXISTING EQUIPMENT/SYSTEMS. ANY ITEMS DAMAGED AS A RESULT OF CORE DRILLING SHALL BE REPAIRED AT NO COST TO THE CLIENT. ALL CORES SHALL BE FIRE SEALED.
- FOR EACH WALL MOUNTED COMMUNICATIONS OUTLET, PROVIDE A 1900 JUNCTION BOX WITH AN EXTENDER COLLAR AND 1 INCH CONDUIT WITH DRAGLINE 6 INCHES ABOVE ACCESSIBLE CEILING FOR INSTALLATION OF CABLE BY OTHERS.
- COMMUNICATION WIRING BY OTHERS. COORDINATE COMMUNICATION JACKS WITH REPRESENTATIVE, TYPICAL.
- WHERE GFI RECEPTACLES ARE CIRCUITED WITH GENERAL CONVENIENCE RECEPTACLES, THE GFI RECEPTACLE SHALL BE THE LAST DEVICE ON THE CIRCUIT.
- INSTALL CONDUIT EXPANSION FITTINGS AT ALL LOCATIONS WHERE CONDUITS CROSS BUILDING OR STRUCTURE EXPANSION JOINTS.
- UNLESS OTHERWISE NOTED, DISCONNECT SWITCHES, STARTERS, HOAS AND MOTOR RATED TOGGLE SWITCHES FOR MECHANICAL PUMPS, CABINET AND UNIT HEATERS, RETURN FANS, ROOF FANS, VAV BOXES, COMPRESSORS, FAN COIL UNITS, AIR HANDLERS AND CONDENSERS SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE ALL WORK WITH THE MECHANICAL CONTRACTOR.
- DISCONNECT SWITCHES FOR MOTORIZED DAMPERS, CFSD/SD AND VAV BOXES SUPPLIED BY MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. SWITCHES NOT SHOWN ON PLANS.
- ADDITIONAL WORK TO BE PERFORMED BY THE ELECTRICAL CONTRACTOR SHOWN ON KITCHEN AND POOL DRAWINGS. COORDINATE WITH THESE DRAWINGS AND KITCHEN AND POOL/CONTROLS CONTRACTORS.
- ALL 120V, 15 AND 20 AMP CIRCUITS FEEDING LOADS IN KITCHENS, LIBRARIES, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY, COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER CIRCUIT BREAKERS.
- EACH DUPLEX AND QUAD RECEPTACLE SHALL BE LABELED WITH THE CIRCUIT NUMBER WHICH IT SERVES. ALPHANUMERICS TO BE 1/8" HIGH AND BLACK ON CLEAR BACKGROUND. LABELS SHALL BE SELF ADHESIVE. IDENTIFY ASSOCIATED PANEL AND CIRCUIT NUMBER.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, PAINTING, AND FINAL RESTORATION REQUIRED TO FACILITATE THE DEMOLITION AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO PANELBOARDS, CONDUITS, WIRING, DEVICES, FIXTURES, ETC. INCLUDING ABOVE CEILINGS. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH WALLS, AS REQUIRED TO EXECUTE THE ELECTRICAL WORK.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO HIRE AND PAY ALL FEES FOR THE UL FIELD EVALUATION SERVICE TO RE-INSPECT AND RE-CERTIFY THE SWITCHBOARD IN RELATION TO MODIFICATIONS REQUIRED WHEN TAPPING THE BUS. CONTRACTOR SHALL SCHEDULE WITH UL PRIOR TO START OF WORK. UL SHALL BE PRESENT WHILE TAPPING OF THE SWITCHBOARD IS EXECUTED. (TEL: 1-877-ULHELPS)

- ### DEFINITION OF TERMS
- WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "CLIENT" IS USED, IT MUST BE UNDERSTOOD THAT "NORTH WHITE PLAINS COMMUNITY CENTER, TOWN OF NORTH CASTLE" IS INTENDED.
 - WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ARCHITECT" IS USED, IT MUST BE UNDERSTOOD THAT "SULLIVAN ARCHITECTURE,P.C." IS INTENDED.
 - WHEREVER IN THE CONTRACT DOCUMENTS THE WORD "ENGINEER" IS USED, IT MUST BE UNDERSTOOD THAT "OLA CONSULTING ENGINEERS" IS INTENDED.
 - WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "ELECTRICAL UTILITY" OR "POWER COMPANY" ARE USED, IT MUST BE UNDERSTOOD THAT "CON EDISON" IS INTENDED.
 - WHEREVER IN THE CONTRACT DOCUMENTS THE WORDS "FIRE ALARM SYSTEM" OR "FIRE ALARM VENDOR" ARE USED, IT MUST BE UNDERSTOOD THAT "SCARSDALE SECURITY SYSTEMS" IS INTENDED 914-722-2222.
 - "WORK" MUST BE DEEMED TO CONSIST OF ALL LABOR AND OPERATIONS, TRANSPORTATION, HOISTING, MATERIALS, TOOLS, EQUIPMENT, SERVICES, INSPECTIONS, INVESTIGATIONS, COORDINATION AND SUPERVISION REQUIRED AND / OR REASONABLY NECESSARY TO PRODUCE THE CONSTRUCTION REQUIRED BY THE CONTRACT DOCUMENTS.
 - "FURNISH" MEANS THE DESIGN, FABRICATION, PURCHASE AND DELIVERY TO THE JOB SITE.
 - "INSTALL OR INSTALLATION" MEANS THE ACT OF PHYSICALLY PLACING, APPLYING, SETTING, ERECTING, ANCHORING, SECURING, ETC., CONSTRUCTION MATERIALS, EQUIPMENT, FURNISHINGS, APPLIANCES, AND SIMILAR ITEMS SPECIFIED AND FURNISHED AT THE JOB SITE. INSTALLATION OF SPECIFIED ITEMS MUST BE COMPLETE IN ALL RESPECTS.
 - "PROVIDE" MEANS TO FURNISH AND INSTALL CONSTRUCTION MATERIAL, EQUIPMENT, ETC. AS DEFINED ABOVE.
 - THE FOLLOWING ARE DEFINITIONS OF SHOP DRAWING STAMP ACTIONS:
 - "NO EXCEPTIONS TAKEN" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY COMMENCE.
 - "MAKE CORRECTIONS NOTED" MEANS THAT THE SHOP DRAWING IS CORRECT AS TO PERFORMANCE, CAPACITY, ETC. AND SUBSTANTIAL CONFORMANCE TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS, SUBJECT TO AND IN COMPLIANCE WITH THE ANNOTATIONS AND/OR CORRECTIONS INDICATED ON THE SHOP DRAWING. FABRICATION AND/OR PURCHASE MAY COMMENCE.
 - "AMEND AND RESUBMIT" MEANS THAT THE COMMENTS AND/OR CORRECTION ARE SO EXTENSIVE AND IMPORTANT THAT THE REVIEWER WANTS TO SEE HOW THE COMMENTS AND/OR CORRECTIONS ARE RESOLVED PRIOR TO RELEASE FOR FABRICATION AND/OR PURCHASE. FABRICATIONS AND/OR PURCHASE MAY NOT COMMENCE.
 - "REJECTED" MEANS THAT THE SHOP DRAWING DOES NOT COMPLY OR CONFORM TO THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS. FABRICATION AND/OR PURCHASE MAY NOT COMMENCE.

TYPICAL BRANCH CIRCUIT WIRING LEGEND

NOTES:

- EACH 120V AND 277V CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. SHARED NEUTRAL HOMERUNS ARE NOT PERMITTED.
- CONDUCTORS SHALL BE INCREASED FOR VOLTAGE DROP AND DERATING AS PER APPLICABLE ELECTRICAL CODE. FOR CIRCUITS THAT ARE BETWEEN 100' AND 150' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #10 AWG. FOR CIRCUITS THAT ARE BETWEEN 150' AND 225' IN LENGTH, PHASE AND NEUTRAL CONDUCTORS SHALL BE #8 AWG. FOR LENGTHS GREATER THAN 225' IN LENGTH, VERIFY CONDUCTOR SIZES WITH ENGINEER.

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10 Clove Rd,
White Plains, NY 10603

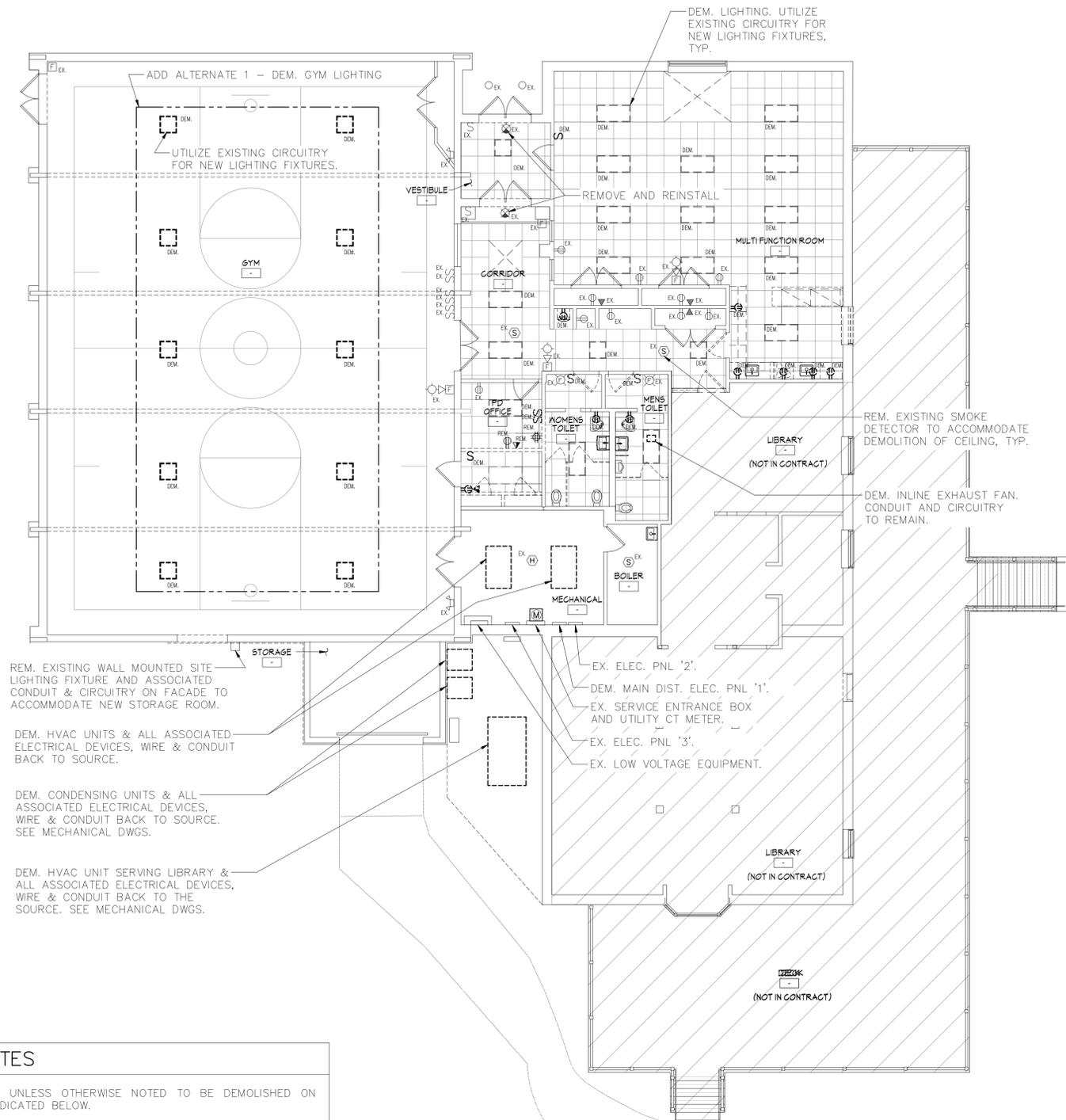
Drawing Title: **ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES**

Project No. NSPC0019.00
Date 10-09-20
Scale NONE
Drawing by WRP

Checked by JM/JF

Drawing No. **E0.1**

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REM. EXISTING WALL MOUNTED SITE LIGHTING FIXTURE AND ASSOCIATED CONDUIT & CIRCUITRY ON FACADE TO ACCOMMODATE NEW STORAGE ROOM.

DEM. HVAC UNITS & ALL ASSOCIATED ELECTRICAL DEVICES, WIRE & CONDUIT BACK TO SOURCE.

DEM. CONDENSING UNITS & ALL ASSOCIATED ELECTRICAL DEVICES, WIRE & CONDUIT BACK TO SOURCE. SEE MECHANICAL DWGS.

DEM. HVAC UNIT SERVING LIBRARY & ALL ASSOCIATED ELECTRICAL DEVICES, WIRE & CONDUIT BACK TO THE SOURCE. SEE MECHANICAL DWGS.

DEM. LIGHTING. UTILIZE EXISTING CIRCUITRY FOR NEW LIGHTING FIXTURES, TYP.

ADD ALTERNATE 1 - DEM. GYM LIGHTING

UTILIZE EXISTING CIRCUITRY FOR NEW LIGHTING FIXTURES.

REMOVE AND REINSTALL

MULTIFUNCTION ROOM

REM. EXISTING SMOKE DETECTOR TO ACCOMMODATE DEMOLITION OF CEILING, TYP.

DEM. INLINE EXHAUST FAN. CONDUIT AND CIRCUITRY TO REMAIN.

EX. ELEC. PNL '2'

DEM. MAIN DIST. ELEC. PNL '1'

EX. SERVICE ENTRANCE BOX AND UTILITY CT METER.

EX. ELEC. PNL '3'

EX. LOW VOLTAGE EQUIPMENT.

LIBRARY (NOT IN CONTRACT)

LIBRARY (NOT IN CONTRACT)

MECH (NOT IN CONTRACT)

DEMOLITION NOTES

1. ALL EQUIPMENT IS EX. UNLESS OTHERWISE NOTED TO BE DEMOLISHED ON DWGS OR OTHERWISE INDICATED BELOW.
2. CONTRACTOR SHALL VERIFY EXTENT OF DEMOLITION WORK IN THE FIELD PRIOR TO BID AND SHALL INCLUDE ALL LABOR AND MATERIALS IN BASE BID INCLUDING ALL TEMPORARY CONNECTIONS, CONDUIT AND WIRE IN ORDER TO ACCOMMODATE CONSTRUCTION AND PROVIDE CONTINUOUS SERVICE TO DEVICES AND SYSTEMS TO REMAIN, TEMPORARY AND PERMANENTLY. WORK REQUIRING THE SHUT-DOWN OF THE BUILDING POWER SHALL BE PERFORMED DURING OVERTIME AND SHALL BE INCLUDED IN BASE BID.
3. CIRCUIT BREAKER, CONDUIT AND CONDUCTOR SIZES INDICATED SHALL BE FIELD VERIFIED PRIOR TO BID.
4. ALL EXISTING ELECTRICAL EQUIPMENT NO LONGER IN USE, SUCH AS DISCONNECT SWITCHES, MOTOR CONTROLLERS, MOTOR STARTER PANELS, ETC. SHALL BE REMOVED UON.
5. ALL DISCONNECTED & REMOVED EXISTING ELECTRICAL ITEMS THAT ARE NOT BEING REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED.
6. THE CONTRACTOR SHALL INCLUDE IN THE BASE BID FOR ALL MATERIAL & LABOR REQUIRED FOR THE EXTENSIONS, REROUTING & RELOCATION OF EXISTING SYSTEM COMPONENTS, EQUIPMENT, WIRING, CONDUITS & CABLING SO AS TO MAINTAIN OPERATION OF ALL SYSTEMS THROUGHOUT THE BUILDING DURING DEMOLITION & CONSTRUCTION PHASES.



1

ELECTRICAL DEMOLITION PLAN

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

NOTES:

- 1.) UTILIZE EXISTING LIGHT SWITCHES AND TIME CLOCK CONTROLS U.O.N.

LIGHTING FIXTURE SCHEDULE							
FIXTURE DESIGNATION	MANUFACTURER	CATALOG NUMBER	LAMPS	VOLTS	INPUT WATTS (W)	MOUNTING	REMARKS
A1	MARK ARCHITECTURAL LIGHTING	WHSPR 2X4 80CRI 30K 3000LM NODIM MVOLT SWC	LED 3000K	MVOLT	25.4	RECESSED	2'x4' LED LIGHTING FIXTURE. PROVIDE WITH BATTERY PACK EM OPTION E10WLCP WHERE 'EM' FIXTURE INDICATED ON PLANS.
A2	MARK ARCHITECTURAL LIGHTING	WHSPR 2X4 80CRI 30K 2000LM NODIM MVOLT SWC	LED 3000K	MVOLT	17.6	RECESSED	2'x4' LED LIGHTING FIXTURE.
A3	MARK ARCHITECTURAL LIGHTING	WHSPR 2X4 80CRI 30K 6000LM NODIM MVOLT SWC	LED 3000K	MVOLT	52.9	RECESSED	2'x4' LED LIGHTING FIXTURE.
B	LITHONIA LIGHTING	JEBL 30000LM GL MVOLT 40K 80CRI	LED 4000K	120	218	SURFACE	HIGH BAY ROUND LIGHTING FIXTURE (GYM LIGHTING).
X1	COOPER	SURE-LITES LPX SERIES LPX 6 (WALL MOUNT)	LED	120	0.98	SURFACE	EXIT LIGHT.

NOTES:

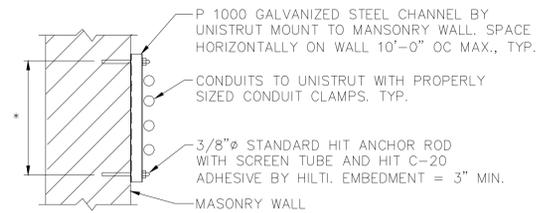
- VERIFY ALL FIXTURE CATALOG NUMBERS FOR INTENDED APPLICATIONS WITH REQUIRED ACCESSORIES.
- ALL BALLASTS IN FIXTURES LOCATED OUTDOORS SHALL BE ZERO DEGREE RATED STARTING TEMPERATURE. REFER TO DRAWINGS FOR LOCATION OF FIXTURES.
- ALL EXIT AND EMERGENCY FIXTURES / EMERGENCY FIXTURE BATTERY PACKS SHALL BE FED FROM UNSWITCHED LEG OF ASSOCIATED LOCAL LIGHTING CIRCUITS.
- LIGHT FIXTURES INDICATED AS "NL" ON DRAWINGS SHALL BE "NIGHT LIGHT" FIXTURES AND SHALL BE UNSWITCHED, EXCEPT BY KEY SWITCH INDICATED.
- IN THE EVENT THE CONTRACTOR CHOOSES TO SUBSTITUTE LIGHT FIXTURES FOR THOSE THAT ARE SPECIFIED ON THE LIGHT FIXTURE SCHEDULE, THE CONTRACTOR SHALL SUBMIT POINT-TO-POINT PHOTOMETRIC CALCULATIONS FOR ALL AREAS WHERE THE SUBSTITUTED FIXTURES ARE INDICATED TO BE INSTALLED ON THE DRAWINGS. THESE CALCULATIONS SHALL BE SUBMITTED ALONG WITH THE LIGHT FIXTURE SHOP DRAWINGS.

'MDP1' PANEL SCHEDULE							
MAIN RATING: 400A		MAIN C.B.: 400A		KAIC RATING: 10KAIC			
VOLTAGE: 120/240V		PHASE: 1		WIRE: 3		MOUNTING: SURFACE	
CIRC. NO.	LOAD DESCRIPTION	BKR. AMPS	NO. OF POLES	NO. OF POLES	BKR. AMPS	LOAD DESCRIPTION	CIRC. NO.
*1	PNL 2	175	2	1	20	DISHWASHER	2
*3				1	15	EXHAUST HOOD	4
*5	EXISTING LOAD	30	2	1	15	REFRIGERATOR	6
*7				1	15	STOVE	8
*9	EXISTING LOAD	15	2	1	15	WATER BOTTLE FILL STATION	10
*11				1	20	RECEPTACLES-KITCHEN	12
*13	EXISTING LOAD	20	2	1	20	RECEPTACLES-KITCHEN	14
*15				1	20	RECEPTACLES-MULTIFUNCTION RM	16
*17	EXISTING LOAD	50	2	1	20	RECEPTACLES-MULTIFUNCTION RM	18
*19				1	20	RECEPTACLES-MULTIFUNCTION RM	20
*21	EXISTING LOAD	50	2	1	20	RECEPTACLES	22
*23				1	20	GEN RECPTACLE	24
*25	PNL 3	100	2	1	20	GEN BATTERY CHARGER	26
*27				1	20	GEN BLOCK HEATER	28
29	PUMP FOT-1 & FOT-2	25	1	1	15	LIGHTING GYM STORAGE	30
31	SPARE	20	1	1	35	GAS BOOSTER GB-1,UPS	32
33	ACC-1	45	2	1	15	HOT WATER PUMP RP-1	34
35				1	15	EWI-1	36
37	SPARE	20	1	1	35	RF-1	38
39	HV-1	15	2	1	35	RF-2	40
41				1	20	FP-1	42
43	AHU-1	15	2	1	20	MOTORIZED DAMPERS	44
45				1	15	CP-1	46
47	SPARE	15	2	1	15	CONTROL VALVES	48
49				1	20	SPARE	50
51	RTU-1	60	2	1	20	SPARE	52
53				1	20	SPARE	54

LK - PROVIDE LOCKING TABS ON C.B.; GF - GFI TYPE C.B.; GP - GFF TYPE C.B.;
AF - ARC FAULT TYPE C.B.; ST - SHUNT TRIP C.B.

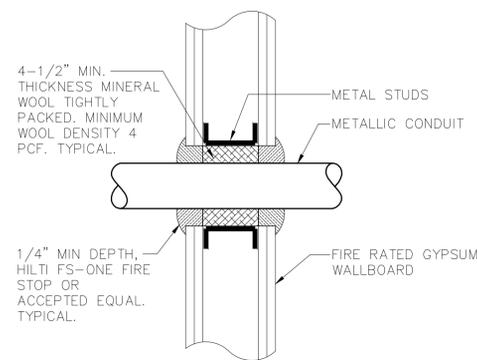
NOTES:

1.) AN ASTERISK (*) LOCATED IN THE CIRC. NO. COLUMN INDICATES AN EXISTING LOAD THAT HAS BEEN RELOCATED FROM ELECTRIC PNL 1. ELECTRICAL CONTRACTOR SHALL CONFIRM WHICH LOADS LABELED "EXISTING LOAD" ARE TO BE RELOCATED AND WHICH LOADS LABELED "EXISTING LOAD" ARE TO BE REMOVED DURING DEMOLITION.

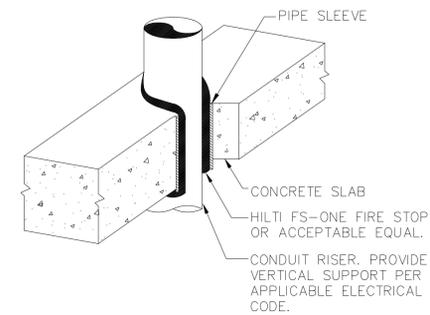


* LENGTH AS REQUIRED FOR NUMBER OF CONDUITS

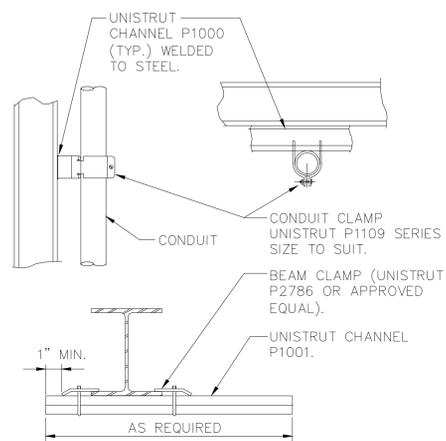
8 TYPICAL CONDUIT SUPPORT ON MASONRY
SCALE: 1" = 1'-0"



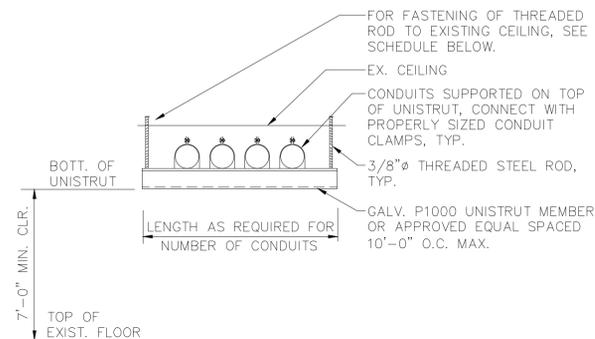
7 TYPICAL FIRE RATED GYPSUM WALL CONDUIT PENETRATION DETAIL
SCALE: NONE



6 TYPICAL VERTICAL CONDUIT PENETRATION DETAIL
SCALE: NONE

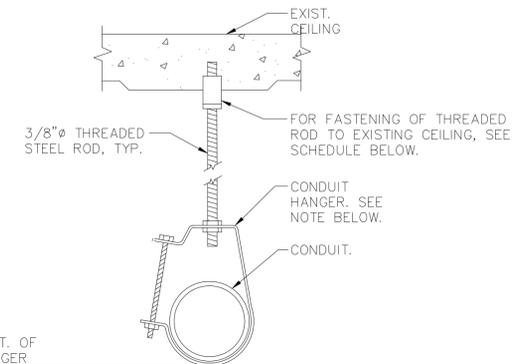


5 CONDUIT SUPPORTED FROM STRUCTURAL STEEL
SCALE: NONE



CEILING CONSTRUCTION	ANCHOR TYPE	EMBEDMENT
NORMAL WT. CONC	HILTI HDI DROP-IN ANCHOR	1" MIN.
CINDER CONCRETE	HILTI KWIK BOLT II	3" MIN.
HOLLOW CONSTRUCTION	TOGGLE BOLTS	NA

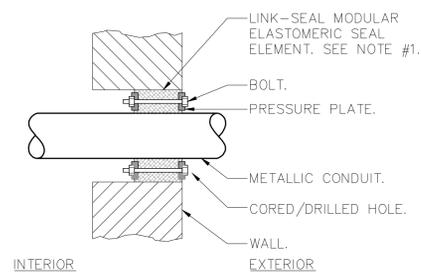
4 TRAPEZE SUPPORT DETAIL
SCALE: NONE



CEILING CONSTRUCTION	ANCHOR TYPE	EMBEDMENT
NORMAL WT. CONC	HILTI HDI DROP-IN ANCHOR	1" MIN.
CINDER CONCRETE	HILTI KWIK BOLT II	3" MIN.
HOLLOW CONSTRUCTION	TOGGLE BOLTS	NA

NOTE: CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1". GENERAL PURPOSE HANGERS MAY BE USED ON PIPING 1" OR SMALLER.

3 SINGLE CONDUIT HANGER DETAIL
SCALE: NONE

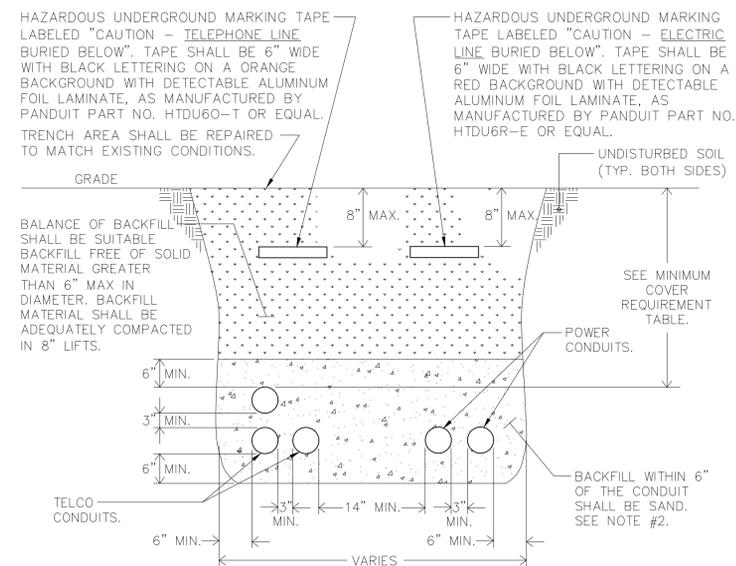


NOTES:

- SEAL ASSEMBLY BASED ON MODEL "C" LINK-SEAL MODULAR SEAL, WITH EPDM SEAL ELEMENT, REINFORCED NYLON POLYMER PRESSURE PLATES, STEEL WITH 2-PART ZINC DICHROMATE & CORROSION INHIBITING COATING NUTS AND BOLTS AND WITH A OPERATING TEMPERATURE RANGE OF -40°F TO +250°F.
- PROVIDE AND INSTALL TWO SEALS WHEN PENETRATED WALL THICKNESS IS GREATER THAN 12".
- PROVIDE SCHEDULE 80 WALL SLEEVE FOR NEW WALL CONSTRUCTION PER MANUFACTURER'S REQUIREMENTS.

TYPICAL EXTERIOR MASONRY WALL BELOW GRADE CONDUIT PENETRATION DETAIL
SCALE: NONE

2



1 TRENCHING DETAIL FOR CONDUIT
SCALE: NONE

MINIMUM COVER REQUIREMENT TABLE

LOCATION	NONMETALLIC RACEWAYS LISTED FOR DIRECT BURIAL WITHOUT CONCRETE ENCASEMENT OR OTHER APPROVED RACEWAYS
ALL LOCATION NOT SPECIFIED BELOW.	18"
IN TRENCH BELOW 2-IN. THICK CONCRETE OR EQUIVALENT.	12"
UNDER MINIMUM OF 4-IN. THICK CONCRETE EXTERIOR SLAB WITH NO VEHICULAR TRAFFIC AND THE SLAB EXTENDING NOT LESS THAN 6 IN. BEYOND THE UNDERGROUND INSTALLATION.	4" SEE NOTE #2.
UNDER STREETS, HIGHWAYS, ROADS, ALLEYS, DRIVEWAYS, AND PARKING LOTS.	24"

NOTES:

- DETAIL SHOWN FOR INFORMATION PURPOSES. SAME CONCEPT SHALL ALSO APPLY FOR SINGLE CONDUITS.
- SAND MAY BE OMITTED FOR INSTALLATIONS WHERE COVER REQUIREMENTS ARE 6" OR LESS.

SYMBOL & ABBREVIATIONS		
SYMBOL	ABBREVIATION	DESCRIPTION
-	AFF	ABOVE FINISHED FLOOR
-	AHC	ABOVE HUNG CEILING
-	AW	ACID WASTE
-	BFP	BACK FLOW PREVENTOR
	-	BALL VALVE
	-	CHECK VALVE
	-	CIRCUIT SETTER
	CO	CLEAN OUT
	CODP	CLEAN OUT DECK PLATE
	CW	COLD WATER
	-	ELBOW DOWN
	-	ELBOW UP
	DEM.	EXISTING TO BE REMOVED
	EX.	EXISTING TO REMAIN
	FD	FLOOR DRAIN
	-	GATE VALVE
	HW	HOT WATER
	HWC	HOT WATER RECIRCULATION
	NEW	NEW WORK
	-	PIPE BREAK
	-	PIPE CAP
	-	PLUG VALVE
	-	POINT OF DISCONNECTION/CONNECTION
	-	PUMP
	REL.	REMOVE AND RELOCATE
-	S	SANITARY
	-	TEE DOWN
	-	TEE UP
-	TYP.	TYPICAL
-	V	VENT
-	VTR	VENT THROUGH ROOF
-	W	WASTE

NOTE: FOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED IN THIS PROJECT.

GENERAL NOTES

- THE CONTRACT DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENTS OF THE PLUMBING SYSTEMS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY BY THE PLUMBING CONTRACTOR, DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL. NO SUCH DEPARTURES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER. EQUIPMENT AND PIPING ARRANGEMENTS SHALL PROVIDE ADEQUATE AND ACCEPTABLE CLEARANCES FOR ENTRY, SERVICING, AND MAINTENANCE. ANY CHANGES TO PIPING AND EQUIPMENT LOCATIONS NECESSARY TO AVOID INTERFERENCE WITH OTHER TRADES SHALL BE MADE AT NO EXTRA COST.
- THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE PREVAILING NEW YORK STATE PLUMBING AND BUILDING CODES. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
- CONNECTIONS TO EXISTING UTILITIES AND SERVICES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, INVERT ELEVATIONS, AND SIZES OF EXISTING PLUMBING SERVICES IN FIELD, AND SHALL CONNECT NEW PLUMBING SERVICES AS INDICATED ON DRAWINGS.
- PRIOR TO FABRICATION, THIS CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AND CONDITIONS ON JOB SITE, AND COORDINATE THIS WORK WITH THE WORK OF ALL OTHER TRADES.
- ALL ACCESS PANELS SHALL BE BY GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION.
- PROVIDE ALL PLUMBING FIXTURES, PIPING, VALVES AND ACCESSORY ITEMS AS SPECIFIED AND AS REQUIRED FOR A COMPLETE INSTALLATION. ROUGHING DIMENSIONS OF FIXTURES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR.
- PITCH ALL WASTE, SANITARY, AND STORM DRAIN PIPING AT MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN 1/8" PER FOOT FOR PIPING ≥ 3" AND 1/4" PER FOOT FOR PIPING ≤ 2".
- NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
- PROVIDE DIELECTRIC FITTINGS OR COUPLINGS WHEREVER DISSIMILAR METALS ARE JOINED.
- PROVIDE SHUTOFF VALVES AT ALL FIXTURES AND EQUIPMENT ON COLD WATER,

GENERAL NOTES CONT.

- AND HOT WATER PIPES.
- ALL WORK SHALL BE PROPERLY TESTED, BALANCED, AND CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
 - PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL. PENETRATIONS FOR PIPING SHALL BE MADE BY CORE DRILLING WHENEVER POSSIBLE.
 - PROVIDE TRAP SEAL PRIMERS FOR FLOOR DRAINS AS REQUIRED. INSTALL THE PRIMER VALVE IN THE COLD WATER SERVICE, WITH THE TRAP CONNECTION PIPED TO THE FLOOR DRAIN TRAP. LOCATE THE VALVE IN AN ACCESSIBLE LOCATION.
 - THE PLUMBING CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, CORE DRILLING, PAINTING, ACCESS PANELS, AND FINAL RESTORATION REQUIRED TO FACILITATE THE INSTALLATION OF PLUMBING PIPING, INCLUDING ABOVE CEILINGS AND IN SHAFTS THAT WILL NOT BE REPLACED OR OPENED UNDER ANY OTHER SCOPE OF WORK RELATED TO THIS PROJECT. CONTRACTOR TO REMOVE AND REPLACE CEILINGS, AND OPEN AND PATCH SHAFTS AND WALLS, AS REQUIRED TO EXECUTE THE PLUMBING WORK.
 - NEW PIPING LAYOUT IS PREDICATED ON RECORD DRAWING DATA OF EXISTING RISERS AND DRAWINGS. MODIFICATIONS TO THE LAYOUT MAY BE REQUIRED DUE TO DIFFERENT ACTUAL CONDITIONS, OBSTRUCTIONS, INTERFERENCES, ETC.
 - SEE THE ARCHITECTURAL DRAWINGS FOR EXACT PHASING AND TIME SCHEDULE FOR CONSTRUCTION.
 - ALL MOTOR STARTERS AND DISCONNECT SWITCHES FOR PLUMBING EQUIPMENT SHALL BE FURNISHED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. DISCONNECT SWITCHES FURNISHED BY THE PLUMBING CONTRACTOR FOR PLUMBING EQUIPMENT SHALL BE HEAVY DUTY TYPE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY VENTILATION AND EXHAUST AIR WHEN WELDING OR SOLDERING OPERATIONS ARE PERFORMED, AS REQUIRED BY OSHA.
 - REGISTERED DESIGN PROFESSIONAL ENERGY COMPLIANCE STATEMENT: TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, SUCH PLANS OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.

EQUIPMENT NOTES

- GAS BOOSTER PUMP (GB-1): SHALL BE BASED ON ECLIPSE GENPAC MODEL HBLC-3316-3/4-N4-UPS-REG

CENTRIFUGAL GAS BOOSTER SYSTEM(STAND-BY GENERATOR)

THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE U.L. LISTED, FACTORY BUILT, SIMPLEX GAS BOOSTER SYSTEM WHICH SHALL BE CAPABLE OF DELIVERING A VARIABLE VOLUME OF NATURAL GAS TO A MAXIMUM OF 5,500 CFH WHILE PROVIDING A CONSTANT ELEVATED DIFFERENTIAL GAS PRESSURE OF 10" w.c.

THE SYSTEM SHALL CONTAIN ALL THE NECESSARY COMPONENTS INCLUDING A HERMETICALLY SEALED GAS BOOSTER PUMP, UL APPROVED CHECK VALVE, ISOLATING VALVES, PRESSURE SWITCHES AND FULLY INTEGRATED CONTROL SYSTEM REQUIRED TO PROVIDE A COMPLETELY AUTOMATIC OPERATING SYSTEM IN FULL ACCORDANCE WITH THE LATEST UTILITY REQUIREMENTS. THE GAS BOOSTER SHALL BE U.L. LISTED AND BE OF THE HERMETICALLY SEALED, SINGLE STAGE, CENTRIFUGAL TYPE WHICH SHALL INCLUDE A CLASS 1, GROUP D, 3450 RPM EXPLOSION PROOF MOTOR, CAPABLE OF OPERATING ON 115/1/60 POWER.

THE SYSTEM SHALL HAVE DEMONSTRATED SUCCESSFUL USE IN THE FIELD FOR A MINIMUM OF 10 YEARS. THE PACKAGED GAS BOOSTER SYSTEM SHALL BE EQUIVALENT TO ECLIPSE GENPAC MODEL HBLC-3316-3/4-N4-UPS-REG. SYSTEMS BUILT BY OUTSIDE INTEGRATORS OR CONTRACTORS SHALL NOT BE ACCEPTABLE.

PIPING MANIFOLDS

THE COMPLETE PACKAGED GAS BOOSTER SYSTEM SHALL BE PRE-PIPED, ASSEMBLED, PAINTED AND SHALL INCLUDE FACTORY-BUILT PIPING FOR THE INLET AND DISCHARGE OF THE BOOSTER. THE PIPING SHALL BE PROPERLY PRESSURE TESTED AND SHALL INCLUDE ALL APPROPRIATELY SIZED SYSTEM COMPONENTS.

GAS BOOSTER CONTROL SYSTEM

THE GAS BOOSTER SYSTEM SHALL INCLUDE A NEMA 4 RATED, MICROPROCESSOR-BASED CONTROL SYSTEM WHICH SHALL BE DESIGNED TO AUTOMATICALLY OPERATE THE GAS BOOSTER ON A CALL FROM GAS-FIRED EQUIPMENT TO BE OPERATED.

THE CONTRACTOR SHALL WIRE A PHYSICAL DRY-CONTACT CLOSURE INTERLOCK WITH THE GENERATOR LOAD TO PROVIDE START/STOP SIGNALS FOR THE GAS BOOSTER.

THE CONTROL SYSTEM SHALL ALSO WORK TOGETHER WITH AN 8 KVA UNINTERRUPTABLE POWER SUPPLY (MOUNTED IN NON-XP AREA) SIZED TO RUN THE BOOSTER FOR A MINIMUM OF 20 SECONDS ON AN INTERRUPTION OF MAIN POWER IN ORDER TO ALLOW THE GENERATOR TO BEGIN OPERATION.

THE CONTROL SYSTEM SHALL INCLUDE A NEMA 4 ENCLOSURE WITH REQUIRED FUSIBLE DISCONNECT SWITCH, MOTOR CONTACTOR, ON/OFF SELECTOR SWITCH, INDICATING LIGHTS, ALARM BELL WITH SILENCING SWITCH AND GAS PRESSURE SWITCHES FOR PROPER OPERATION. THE CONTROL SYSTEM SHALL BE SIMILAR TO MODEL HBP-0.75-N4-UPS.

DESIGN, COORDINATION, FIELD SUPPORT AND QUALITY ASSURANCE

TO ENSURE DESIGN INTEGRITY THE GAS BOOSTER SYSTEM SHALL BE COMPLETELY TESTED AT THE FACTORY PRIOR SHIPMENT TO THE JOB SITE WITH A WRITTEN CERTIFICATION OF PERFORMANCE. THE BOOSTER MANUFACTURER SHALL PROVIDE ALL REQUIRED FIELD SERVICE ASSISTANCE FOR INSTALLATION SUPERVISION, EQUIPMENT START-UP, AND (5) YEAR WARRANTY SERVICE.

- RP-1 DOMESTIC HOT WATER CIRCULATION PUMP, SHALL BE BASED ON BELL & GOSSETT MODEL NBF-33 LEAD FREE, 120V/1 PH/ 60 HZ, 125 WATTS, 1.10 FLA AND 2950 RPM AT 7 GPM AND 10 FEET OF HEAD. PUMP SHALL HAVE LEAD-FREE BRONZE BODY. PUMP SHALL BE PROVIDED WITH MOTOR STARTER AND DISCONNECT SWITCH.

PLUMBING FIXTURE SCHEDULE								
TAG	SYMBOLS		FIXTURES	PLUMBING CONNECTIONS				DESCRIPTION
	PLAN	ELEVATION		WASTE	VENT	COLD WATER	HOT WATER	
P-1			TOILET WALL HUNG (ADA COMPLIANT)	4"	2"	1"	-	FIXTURE: AMERICAN STANDARD AFWALL MILLENIUM FLOWISE 1.1 GPF FLUSHOMETER TOILET SYSTEM 2257.511, WALL MOUNTED, ADA COMPLIANT, VITREOUS CHINA, TOP SPUD, INCLUDES SELECTRONIC FLUSH VALVE, 1.1 GPF, BATTERY OPERATED. MECHANICAL OVERRIDE. SUPPLY PRESSURE = 25 PSI - 80 PSI
P-2			URINAL	2"	2"	3/4"	-	FIXTURE: AMERICAN STANDARD ALLBROOK FLOWISE URINAL SYSTEM 6550.505, WALL MOUNTED, VITREOUS CHINA, FLUSHING RIM, 3/4" INLET SPUD, INCLUDES SELECTRONIC FLUSH VALVE, 0.5 GPF, BATTERY OPERATED, MECHANICAL OVERRIDE. SUPPLY PRESSURE = 20 PSI - 80 PSI
P-3			LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	SINK: AMERICAN STANDARD AQUALYN COUNTERTOP SINK 0476.028, VITREOUS CHINA, FRONT OVERFLOW, FAUCET LEDGE, FINISH TO BE SELECTED BY ARCHITECT. FAUCET: AMERICAN STANDARD INNSBROOK SELECTRONIC LAVATORY FAUCET 6055.205, 0.5 GPM, BATTERY POWERED, 3 HOLE, 4" CENTERSET, CAST BRASS SPOUT, POLISHED CHROME FINISH, PROVIDE 605XTMV1070 MIXING VALVE. SUPPLY PRESSURE = 20 PSI - 125 PSI HW TEMPERATURE = 110°F
P-4			KITCHEN SINK	1 1/2"	1 1/2"	1/2"	1/2"	SINK: KOHLER PROLIFIC UNDER-MOUNT KITCHEN SINK K-23650, 18 GA STAINLESS STEEL, 10" DEEP BOWL, ACCESSORY STACK LEDGES. PROVIDE K-8801-CP STRAINER. FAUCET: KOHLER SIMPLICE PULL-DOWN KITCHEN SINK FAUCET K-569-CP, 1.5 GPM, 3 FUNCTION SPRAYHEAD, SINGLE HANDLE, HIGH-ARC SPOUT, POLISHED CHROME FINISH. PROVIDE THERMOSTATIC MIXING VALVE. SUPPLY PRESSURE = 60 PSI HW TEMPERATURE = 110°F
P-5			ROLL-IN SHOWER	2"	2"	3/4"	3/4"	FREEDOM SHOWERS APF6233BFF875. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION. PROVIDE THERMOSTATIC MIXING VALVE. HW TEMPERATURE = 110°F
P-6			WATER FOUNTAIN	1 1/2"	1 1/2"	1/2"	-	ELKAY LZSBWSSK BOTTLE FILLING STATION WITH SINGLE ADA COOLER, WALL MOUNTED, 8 GPH CHILLING CAPACITY, STAINLESS STEEL FINISH, 120/1/60 POWER, 8 FULL LOAD AMPS, 370 RATED WATTS.
FD-1			FLOOR DRAIN	2"	2"	-	-	JAY R. SMITH FIGURE 2005 WITH DUCO CAST IRON BODY WITH FLASHING COLLAR, 5" SQUARE STRAINER, NICKEL BRONZE TOP AND ADJUSTABLE STRAINER HEAD, TRAP PRIMER CONNECTION AND VANDAL PROOF SCREWS.

NOTES:

- PROVIDE JAY R. SMITH AUTOMATIC TRAP PRIMER FIGURE NUMBER 2699 FOR EACH FLOOR DRAIN.

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10/30/2020 ISSUED FOR REVIEW

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Project Title

North White Plains Community Center

North Castle, NY

10 Clove Rd,
White Plains, NY 10603

Drawing Title

PLUMBING SYMBOLS, ABBREVIATIONS, NOTES, & SCHEDULE

Project No. NSPC0019.00

Date 10-09-20

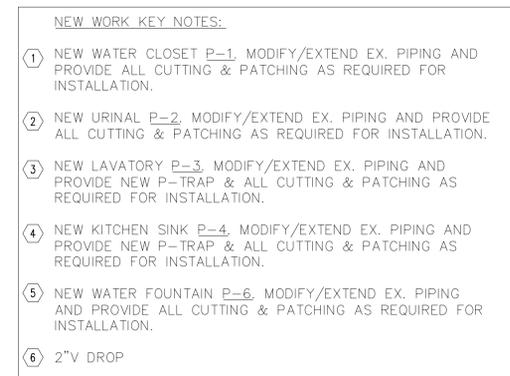
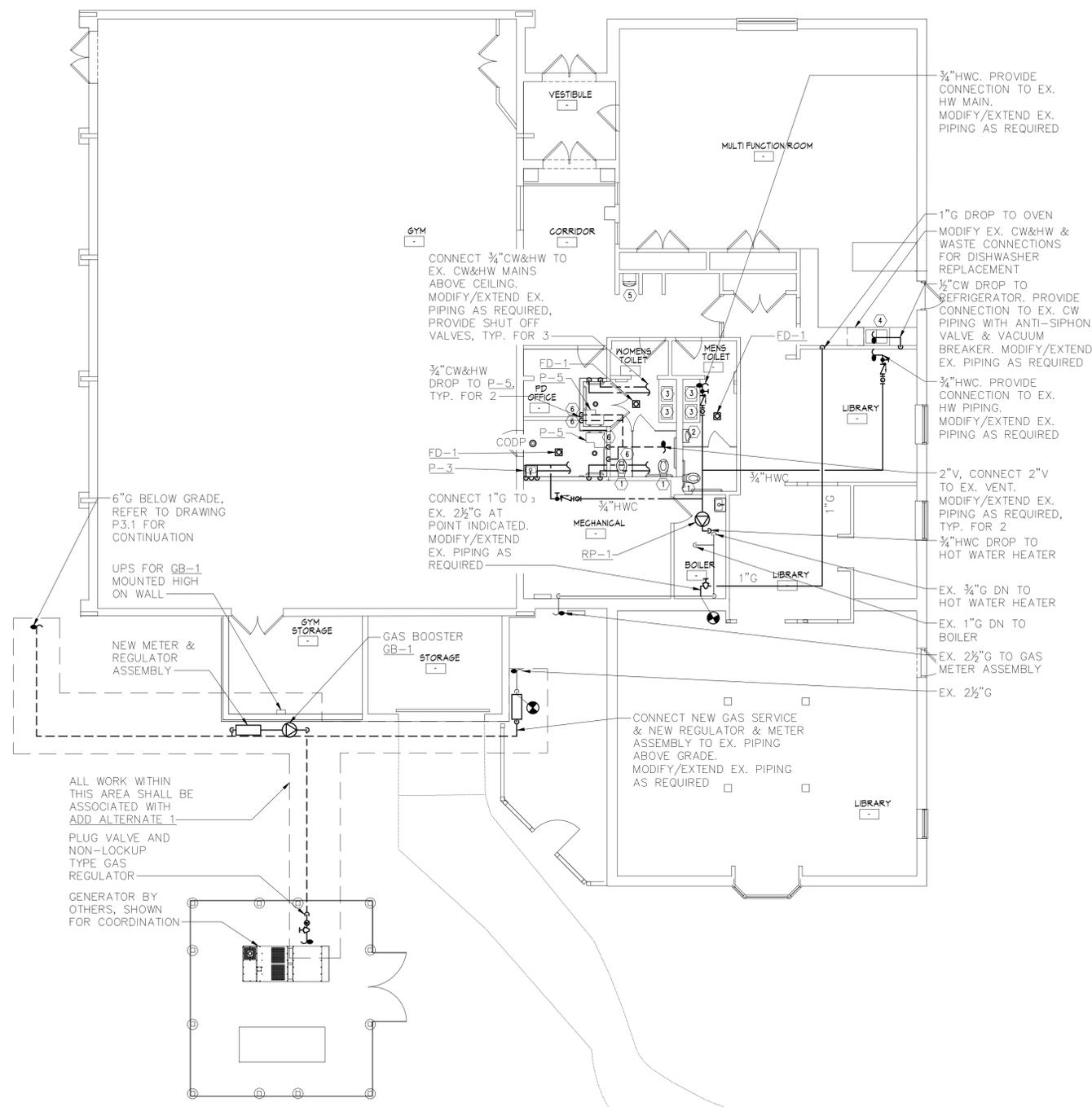
Scale AS

Drawing by NGTED

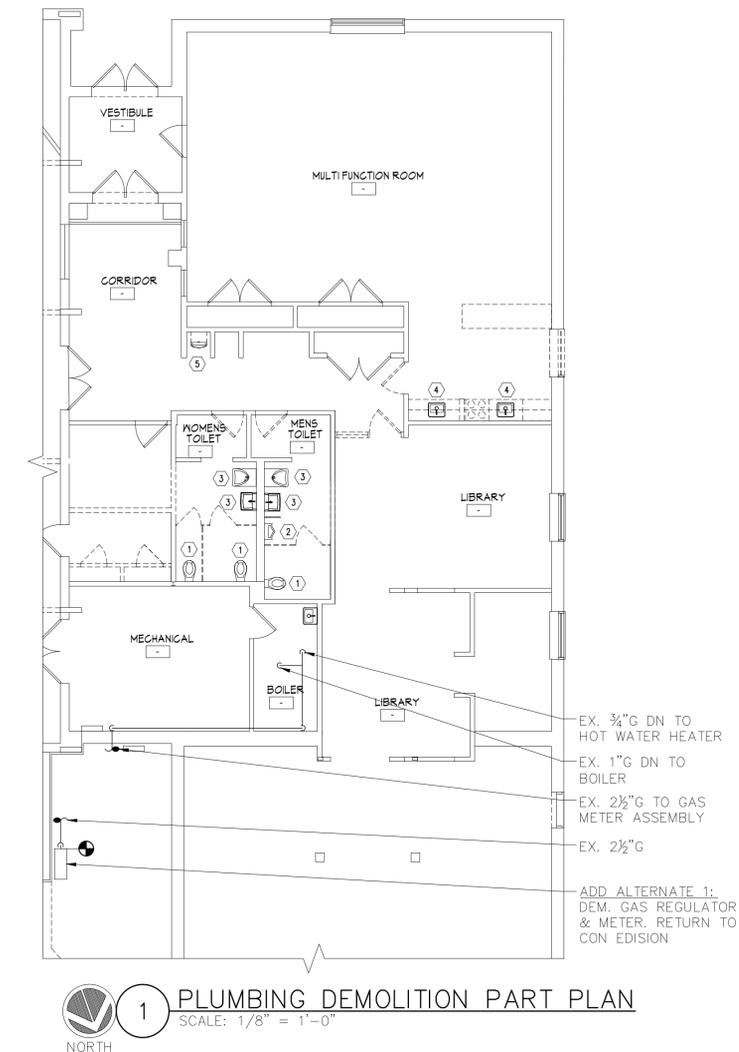
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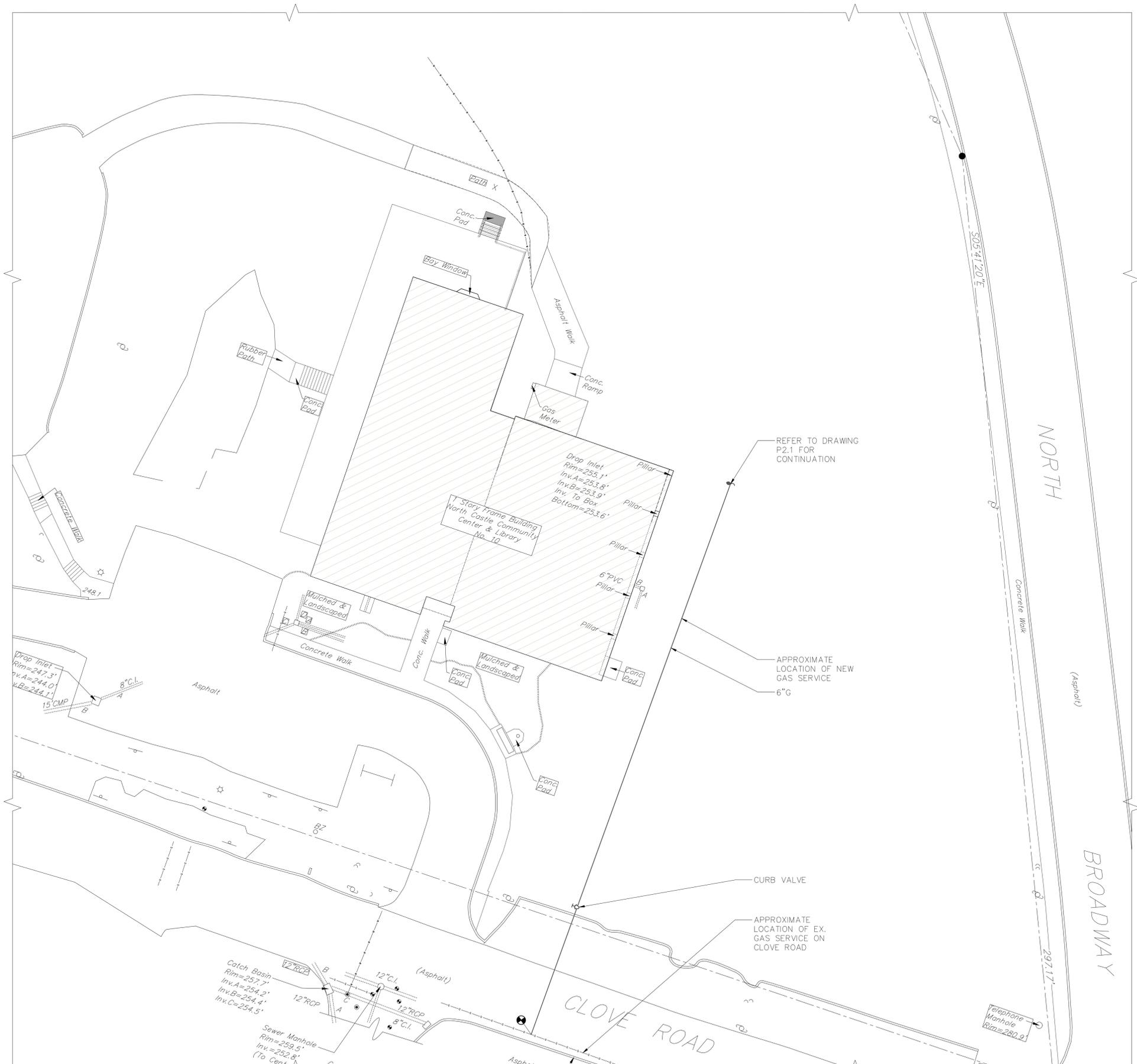
Drawing No.

P0.1



2 PLUMBING BELOW GRADE NEW WORK PART PLAN
SCALE: 1/8" = 1'-0"
NOTE:
1. PROVIDE X-RAY OF FLOOR TO VERIFY LOCATION OF EX. S/W. MODIFY ROUTING OF NEW PIPING UNDER FLOOR AS REQUIRED.





REFER TO DRAWING P2.1 FOR CONTINUATION

APPROXIMATE LOCATION OF NEW GAS SERVICE 6\"/>

CURB VALVE

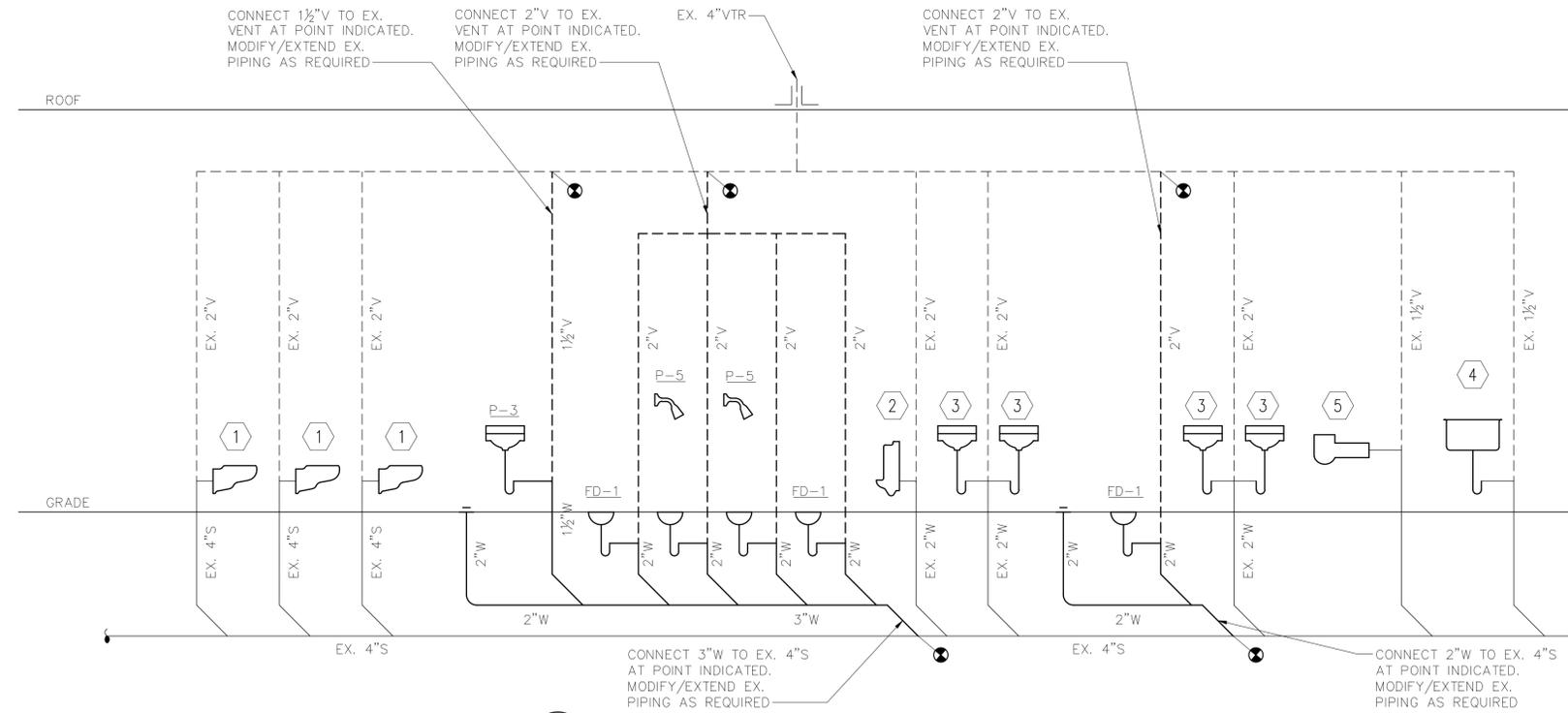
APPROXIMATE LOCATION OF EX. GAS SERVICE ON CLOVE ROAD

- DRAWING NOTES:**
- ALL GAS PIPING AND EQUIPMENT INSTALLATIONS SHALL BE IN ACCORDANCE WITH CON EDISON.
 - CONTACT CON EDISON CUSTOMER PROJECT MANAGER IF FIELD CONDITIONS EXIST THAT WILL NOT PERMIT THE JOB TO BE COMPLETED IN ACCORDANCE WITH CURRENT CON EDISON SPECIFICATIONS.
 - PROVIDE 10 DAYS NOTICE TO CON EDISON CUSTOMER PROJECT MANAGER FOR FINAL INSPECTION.
 - CON EDISON SCOPE OF WORK SHALL INCLUDE THE FOLLOWING ITEMS. ALL OTHER GAS WORK SHALL BE BY THE CONTRACTOR.
 - TAP EXISTING GAS MAIN LOCATED ON CLOVE ROAD AND INSTALL 6\"/>
 - PROVIDE NEW 6\"/>

NOTE:
ALL WORK ASSOCIATED WITH NEW GAS SERVICE SHOWN ON THIS PLAN SHALL BE ASSOCIATED WITH ADD ALTERNATE 1

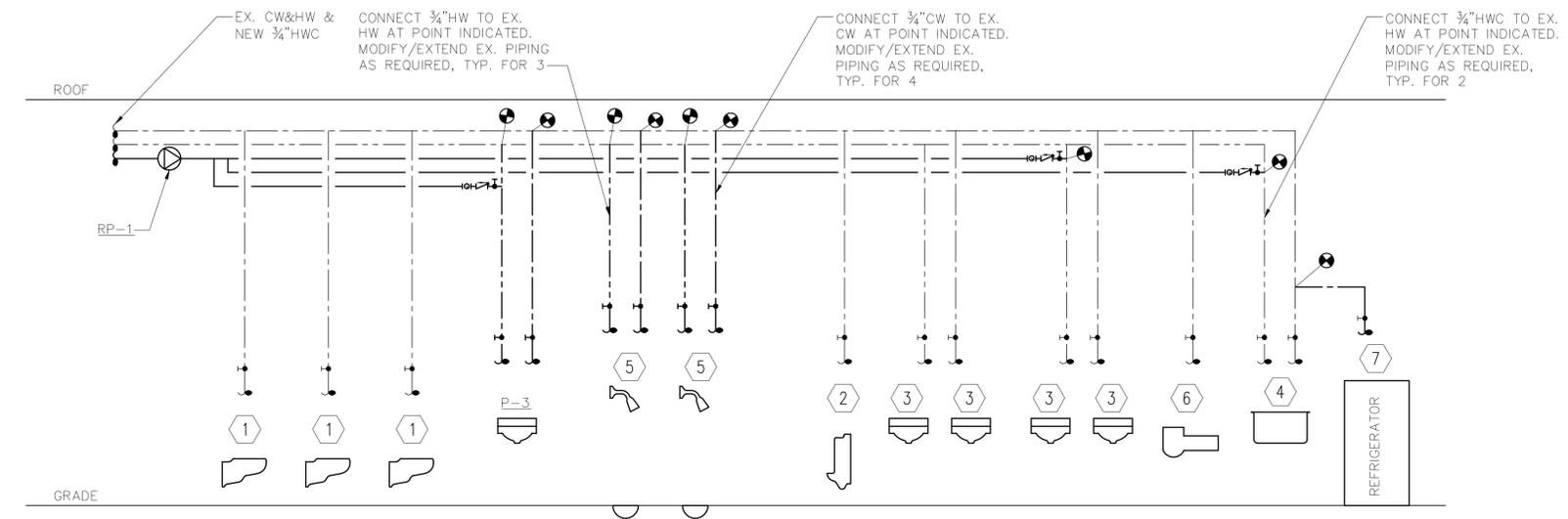
1 PLUMBING SITE PLAN
SCALE: 1/16" = 1'-0"
NORTH

- SANITARY RISER KEY NOTES:**
- ① P-1, REFER TO DETAIL #1 ON M7.1 FOR FIXTURE REPLACEMENT INFORMATION
 - ② P-2, REFER TO DETAIL #1 ON M7.1 FOR FIXTURE REPLACEMENT INFORMATION
 - ③ P-3, REFER TO DETAIL #1 ON M7.1 FOR FIXTURE REPLACEMENT INFORMATION
 - ④ P-4, REFER TO DETAIL #1 ON M7.1 FOR FIXTURE REPLACEMENT INFORMATION
 - ⑤ P-6, REFER TO DETAIL #1 ON M7.1 FOR FIXTURE REPLACEMENT INFORMATION

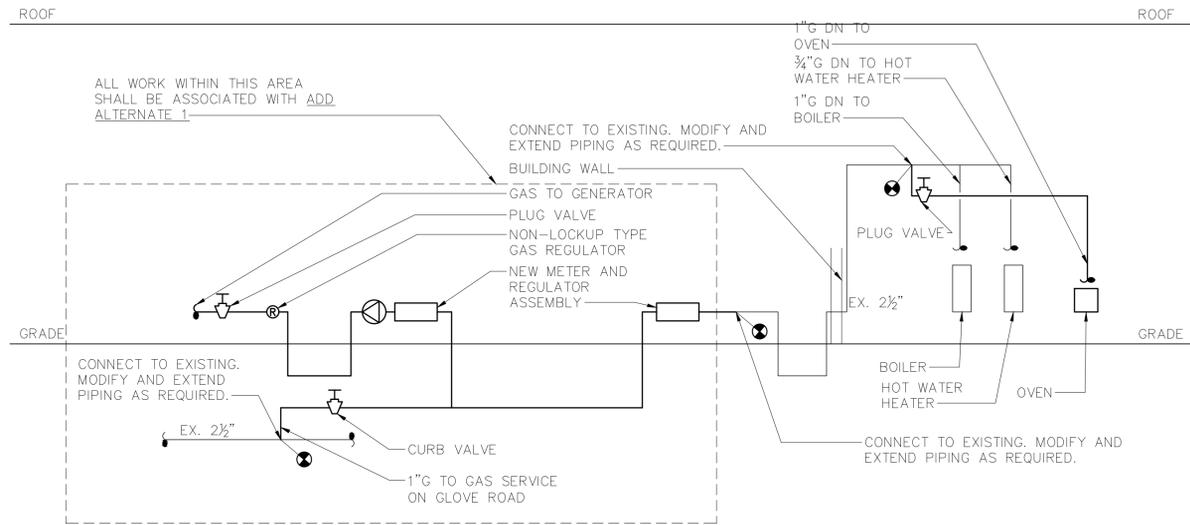


2 PLUMBING SANITARY RISER DIAGRAM
SCALE: NTS

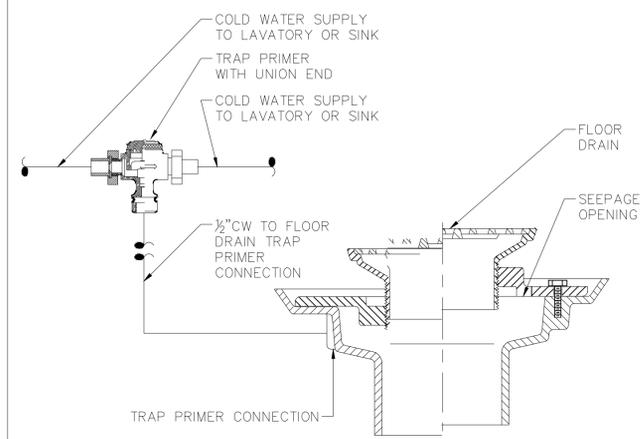
- DOMESTIC WATER RISER KEY NOTES:**
- ① P-1, EX. 1" CW DROP. MODIFY/EXTEND EX. PIPING AS REQUIRED FOR FIXTURE REPLACEMENT
 - ② P-2, EX. 1" CW DROP. MODIFY/EXTEND EX. PIPING AS REQUIRED FOR FIXTURE REPLACEMENT
 - ③ P-3, EX. ¾" CW&HW DROPS. MODIFY/EXTEND EX. PIPING AS REQUIRED FOR FIXTURE REPLACEMENT
 - ④ P-4, EX. ¾" CW&HW DROPS. MODIFY/EXTEND EX. PIPING AS REQUIRED FOR FIXTURE REPLACEMENT
 - ⑤ P-5, ¾" CW&HW DROPS
 - ⑥ P-6, EX. ¾" CW DROP. MODIFY/EXTEND EX. PIPING AS REQUIRED FOR FIXTURE REPLACEMENT
 - ⑦ PROVIDE ½" CW DROP TO REFRIGERATOR. MODIFY/EXTEND ¾" CW DROP TO P-4 AS REQUIRED



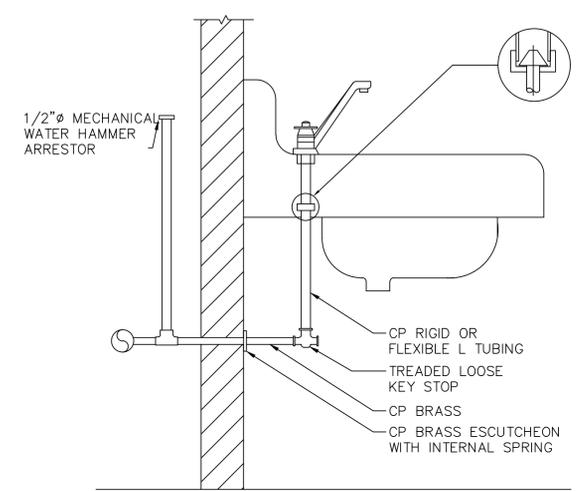
1 PLUMBING DOMESTIC WATER RISER DIAGRAM
SCALE: NTS



8 GAS RISER DIAGRAM
SCALE: NONE

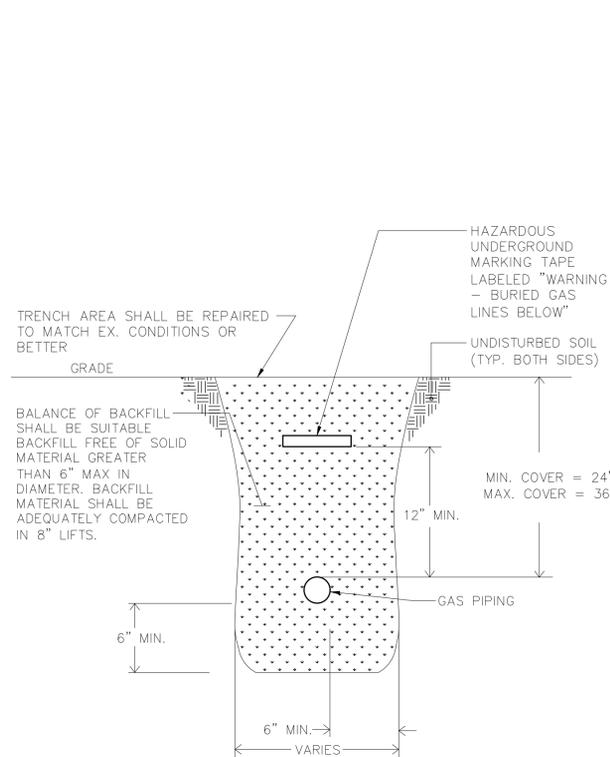


5 FLOOR DRAIN AND TRAP SEAL DETAIL
SCALE: NONE



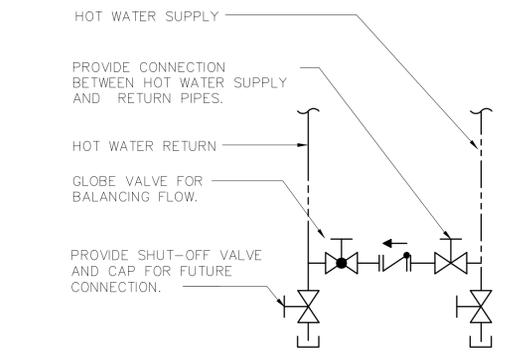
NOTE:
1. SIMILAR SUPPLY ARRANGEMENT TO OTHER FIXTURES.

2 LAVATORY SUPPLY CONNECTION
SCALE: NONE

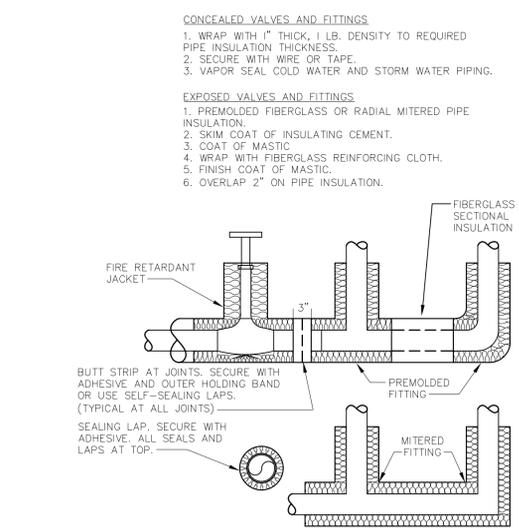


NOTES:
1.) PRIOR TO BACKFILLING ALL FIELD COATINGS SHALL BE MADE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2.) BACKFILL SHALL BE SAND OR CLEAN EARTH, FREE OF STONES, CINDERS, VEGETATION AND OTHER DEBRIS IN ACCORDANCE WITH CON EDISON SPECIFICATIONS.

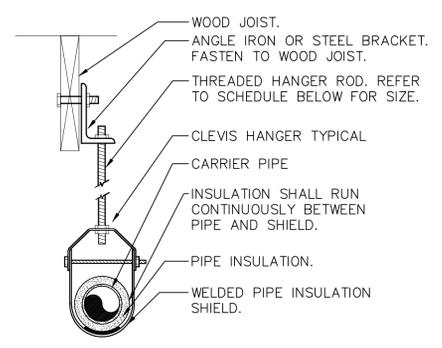
9 TRENCHING DETAIL FOR GAS PIPING
SCALE: NONE



7 HOT WATER RETURN CONNECTION DETAIL
SCALE: NONE



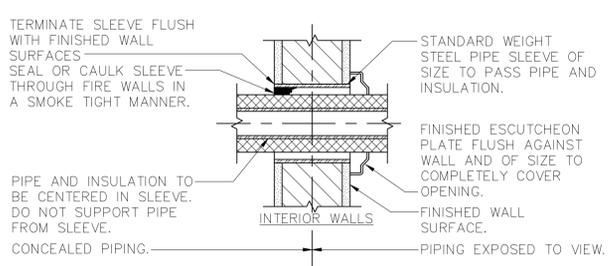
6 PIPE INSULATION DETAIL
SCALE: NONE



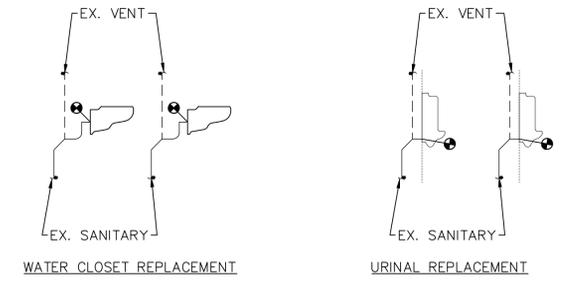
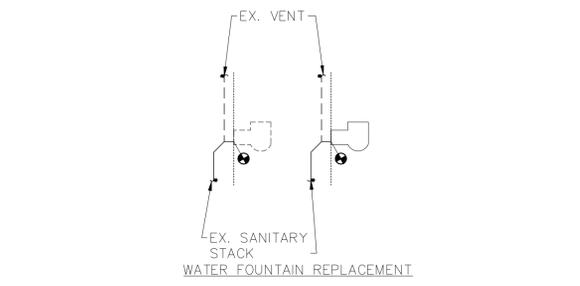
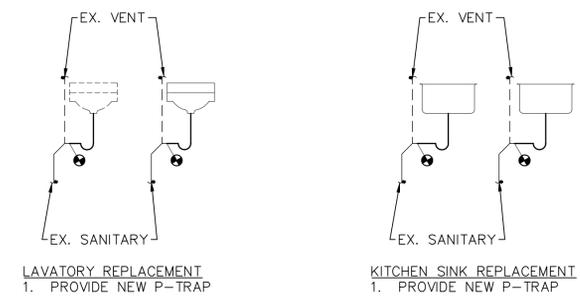
PIPE HANGER SCHEDULE						
PIPE DIA.	3/4"-2"	2 1/2"-3"	4"-5"	6"	8"-12"	
HANGER DIA.	3/8"	1/2"	5/8"	3/4"	7/8"	

NOTES:
1.) CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".
2.) FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.
3.) FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.
4.) ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.
5.) FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.

5 PIPE HANGER DETAIL
SCALE: NONE



3 PIPE SLEEVES THROUGH WALL
SCALE: NONE



1 TYPICAL FIXTURE REPLACEMENT RISER DIAGRAMS
SCALE: NONE

SYMBOL & ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
—	EX.	EXISTING TO REMAIN
—	NEW	NEW WORK
- - - - -	DEM.	EXISTING TO BE REMOVED
○	—	ELBOW UP
⌒	—	ELBOW DOWN
—○—	—	TEE DOWN
—○—	—	TEE UP
—┘	—	PIPE CAP OR FLUSHING CONNECTION
⌘	—	GATE VALVE
⌘	—	OS&Y GATE VALVE
⌘	—	BUTTERFLY VALVE
⌘	—	CHECK VALVE
— —	—	UNION
— —	—	TEMPERATURE GAGE
— —	—	PRESSURE GAGE
⊙	—	WATER FLOW SWITCH
⊙	—	TAMPER SWITCH
⌘	—	INSPECTORS TEST CONNECTION
— —	—	FLOW ARROW
×	—	SPRINKLER GUARD
○ _E OR ● _E	—	EXISTING SPRINKLER TO REMAIN
⊗ OR ●	—	EXISTING SPRINKLER TO BE REMOVED
● _N	—	NEW PENDENT SPRINKLER, CONCEALED OR EXPOSED AS NOTED.
○ _N	—	NEW UPRIGHT SPRINKLER
● _{EC}	—	NEW EXTENDED COVERAGE PENDENT SPRINKLER
◀	—	NEW SIDEWALL SPRINKLER
⊙	—	POINT OF CONNECTION/DISCONNECTION
⊙	—	HYDRAULIC REFERENCE NODE
⊙	—	HYDRAULIC REFERENCE SPRINKLER
⊙	FDC	FIRE DEPARTMENT CONNECTION
⊙	FP	FIRE PUMP
—	AFF	ABOVE FINISHED FLOOR
—	AHC	ABOVE HUNG CEILING
—	ATC	AT CEILING
—	BFP	BACKFLOW PREVENTOR
—	DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
—	DCV	DOUBLE CHECK VALVE BFP
—	DN.	DOWN
—	FCA	FLOOR CONTROL ASSEMBLY
—	FD	FLOOR DRAIN
—	FLFD	FUNNEL FLOOR DRAIN
—	GPM	GALLONS PER MINUTE
—	JP	JOCKEY PUMP
—	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
—	(NO)	NORMALLY OPEN
—	(NC)	NORMALLY CLOSED
—	NTS	NOT TO SCALE
—	PRV	PRESSURE REDUCING VALVE
—	PSI	POUNDS PER SQUARE INCH
—	RPZ	REDUCED PRESSURE ZONE BFP
—	SF	SQUARE FOOT
—	TS	TAMPER SWITCH
—	TYP	TYPICAL
—	U.O.N.	UNLESS OTHERWISE NOTED

NOTE: FOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED IN THIS PROJECT.

GENERAL NOTES

- THE REVISED SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED BY AN EXPERIENCED FIRE PROTECTION CONTRACTOR IN STRICT ACCORDANCE WITH NFPA-13 (2016), THE REQUIREMENTS OF THE LANDLORD, LANDLORD'S FIRE INSURANCE UNDERWRITER, AND ALL GOVERNMENTAL AGENCIES AND AUTHORITIES HAVING JURISDICTION OVER THE PREMESIS.
- COORDINATE ALL WORK WITH OTHER TRADES TO MINIMIZE INTERFERENCES WITH NEW AND EXISTING FACILITIES, TO FACILITATE TIMELY COMPLETION AND AVOID NECESSITY FOR CUTTING AND PATCHING. FURNISH TO OTHER AFFECTED TRADES ALL NECESSARY INFORMATION, WORKING DRAWINGS OR MATERIALS REQUIRED FOR INSTALLATION AND COMPLETION OF ALL WORK. ALL CONFLICTS, OBSTRUCTIONS AND/OR MODIFICATIONS TO THE SPRINKLER DESIGN LAYOUT DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR SHALL CONDUCT FLOW TEST TO ESTABLISH EXACT FLOW AND PRESSURE AVAILABLE ON THE SITE FOR PREPARATION OF HYDRAULIC CALCULATIONS.
- ALTER PIPING AS REQUIRED TO SUIT NEW AND EXISTING CEILING HEIGHTS, DUCTWORK, AND LIGHTS. PROVIDE AT NO EXTRA COST ALL ADDITIONAL PIPING AND FITTINGS REQUIRED TO OFFSET SYSTEM TO AVOID STRUCTURAL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL INTERFERENCES, WHETHER INDICATED OR NOT, BEFORE INSTALLING WORK.
- WHEN INSTALLING SPRINKLER HEADS, THE CONTRACTOR SHALL PROVIDE THE SHORTEST HYDRAULIC PIPE LENGTH BETWEEN THE FINAL SPRINKLER HEAD LOCATION AND THE BRANCH LINE CONNECTION. MINIMUM 1" FOR TWO HEADS, 1-1/4" FOR THREE HEADS AND 1-1/2" FOR FIVE HEADS.
- EXACT LOCATION OF SPRINKLER HEADS IN FINISHED AREAS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- PROVIDE TWO 2-1/2 GALLON PRESSURIZED WATER AND ONE 10 LB ABC DRY CHEMICAL EXTINGUISHERS FOR EMERGENCY USE DURING CONSTRUCTION.
- SPRINKLER PLAN SHOWS NEW SPRINKLER HEADS ONLY. PROVIDE SPRINKLER HEADS AS SHOWN ON PLAN AND MODIFY, EXTEND, AND SHORTEN PIPING AS REQUIRED.
- EXISTING FLOW, TAMPER AND ALARM DEVICES MUST BE TIED INTO THE BUILDING'S FIRE ALARM SYSTEM. ALL REQUIRED EXTENDER PANELS, CODE TRANSMITTERS, ETC. AS MAY BE REQUIRED TO INTEGRATE THE SYSTEM EXPANSION SHALL BE FURNISHED AND INSTALLED BY THE SPRINKLER CONTRACTOR.
- PROVIDE DRAIN VALVES AT MAIN SHUT-OFF VALVES, LOW POINTS ACCORDING TO NFPA 13 (2016).
- PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. FOR PIPES PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH A LISTED FIRE STOPPING ASSEMBLY OR MATERIAL.
- ALL HOSE CONNECTION AND FIRE DEPARTMENT CONNECTION THREADS SHALL BE NATIONAL STANDARD THREAD AND SHALL BE TESTED TO VERIFY COMPATIBILITY WITH THREADS USED BY LOCAL FIRE DEPARTMENT, IN ACCORDANCE WITH NFPA-14 (2016) SECTION 11.3.
- THE CONTRACTOR SHALL MAKE A PROVISION FOR (5) EXTRA SPRINKLERS INCLUDING IMMEDIATE BRANCH PIPING, FITTINGS AND ARM-OVERS. THE CONTRACTOR SHALL COORDINATE WITH FINAL CONFIGURATION OF OPEN AND HUNG CEILINGS, ALL HVAC DUCTWORK AND PIPING AND STRUCTURAL ELEMENTS THROUGHOUT THE AREA OF WORK.
- PROVIDE ALL REMOVAL, STORAGE, AND REINSTALLATION OF CEILING TILES AS REQUIRED FOR INSTALLATION OF SPRINKLER SYSTEM AND ASSOCIATED PIPING.

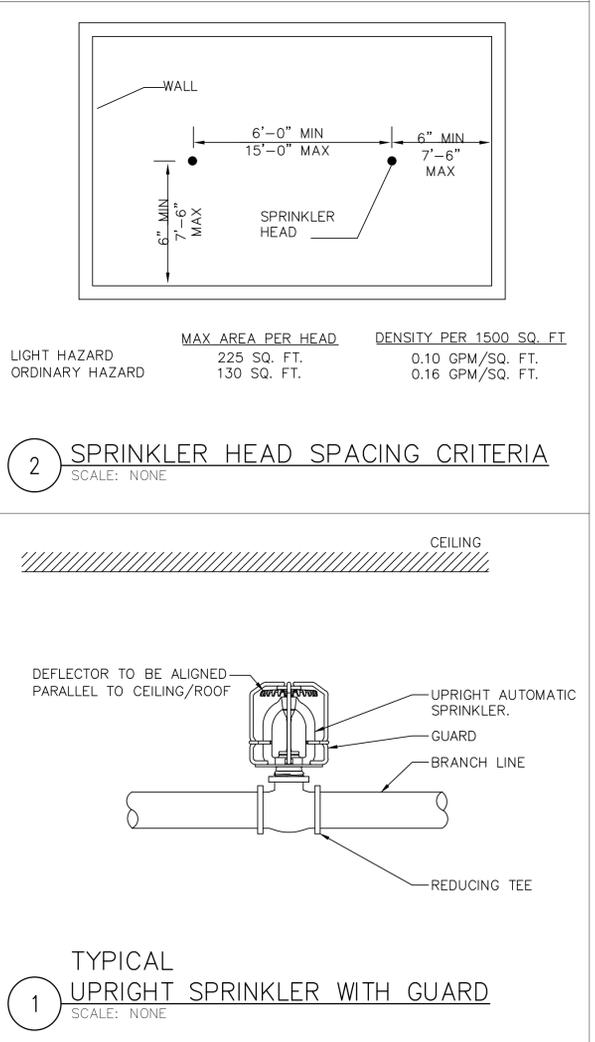
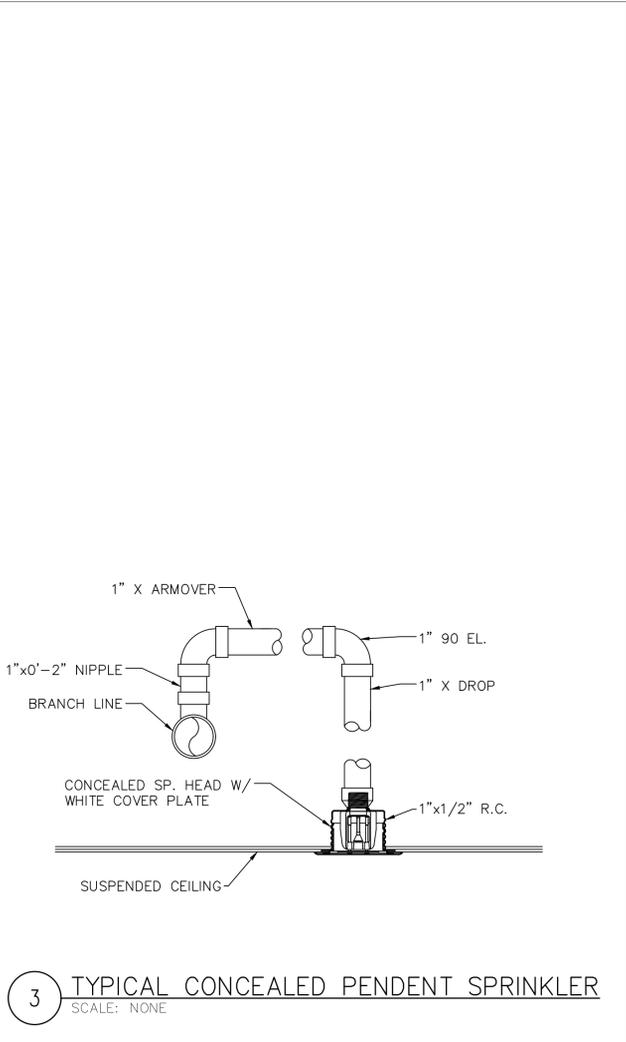
PERFORMANCE REQUIREMENTS

DESIGN CRITERIA		
HAZARD CLASSIFICATION ⁽¹⁾	DENSITY ⁽²⁾	PROTECTION AREA PER SPRINKLER ⁽³⁾
LIGHT HAZARD	0.1 GPM / 1500 SQ. FT.	225 SQ. FT. MAX
ORDINARY HAZARD GROUP 1	0.15 GPM / 1500 SQ. FT.	130 SQ. FT. MAX
ORDINARY HAZARD GROUP 2	0.2 GPM / 1500 SQ. FT.	130 SQ. FT. MAX
EXTRA HAZARD GROUP 1	0.3 GPM / 2500 SQ. FT.	100 SQ. FT. MAX
EXTRA HAZARD GROUP 2	0.4 GPM / 2500 SQ. FT.	100 SQ. FT. MAX

NOTES:
 1.) HAZARD CLASSIFICATION, DENSITY AND MAX. PROTECTION AREA SHALL BE IN ACCORDANCE WITH NFPA 13 - 2016 RECOMMENDATIONS UNLESS OTHERWISE NOTED.
 2.) WHERE REQUIRED BY THE BUILDING DEPARTMENT OR AUTHORITY HAVING JURISDICTION FOR PERMIT, THE ENTIRE SYSTEM SHALL BE HYDRAULICALLY CALCULATED.
 3.) THE MINIMUM PRESSURE AT EACH SPRINKLER HEAD SHALL BE 7 PSI.
 4.) EQUIVALENT FITTING LENGTHS USED IN HYDRAULIC CALCULATIONS SHALL BE IN ACCORDANCE WITH NFPA 13 - 2013.
 5.) DISCHARGE FROM EACH SPRINKLER SHALL NOT BE LESS THAN REQUIRED AREA COVERAGE BY THIS HEAD. AREA COVERAGE PER HEAD SHALL BE DETERMINED IN ACCORDANCE WITH NFPA 13 SECTION 8.6.2.2.1 (2013).
 6.) HYDRAULIC CALCULATIONS SHALL BE BROUGHT BACK TO THE CONNECTION TO THE RISER OR SPRINKLER CONTROL VALVE (F.C.A).
 FLOW VELOCITY IN SPRINKLER PIPING SHALL NOT EXCEED 20 FEET PER SECOND (FPS).

SPRINKLER HEAD SCHEDULE									
SYM.	TYPE	LOCATION	FINISH	MANUF.	MODEL	HEAD TEMP	MAX CLG TEMP.	ORIFICE	K FACTOR
○	UPRIGHT	FINISHED AREAS PER PLANS	CHROME PLATED	RELIABLE	F1FR56	165°F	100°F	1/2"	5.6
●	CONCEALED PENDANT	FINISHED AREAS PER PLANS	CHROME PLATED	RELIABLE	G5-56	165°F	100°F	1/2"	5.6

NOTES:
 1. SPRINKLERS BASED ON RELIABLE AUTOMATIC SPRINKLER COMPANY, INC. OR APPROVED EQUAL.
 2. SPRINKLERS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
 3. PROVIDE METAL WIRE GUARDS WHERE SPRINKLERS ARE SUBJECT TO DAMAGE, SUCH AS SPRINKLER HEADS LOCATED UNDER MECHANICAL DUCTS IN MECHANICAL EQUIPMENT ROOMS WHEN LOCATED LOWER THAN 7'-0" AFF AND HEADS IN TRASH CHUTE.
 4. ALL SPRINKLER HEADS THROUGHOUT THE PROJECT AREA SHALL BE OF THE ORDINARY TEMPERATURE RATING EXCEPT AS FOLLOWS:
 A. SPRINKLER HEADS LOCATED CLOSE TO HEATERS, STEAM PIPING OR LOW-PRESSURE BLOW-OFF VALVE SHALL BE OF THE TEMPERATURE RATING AS REQUIRED BY NFPA-13.
 B. ALL HEAT GENERATING EQUIPMENT WHICH CAN AFFECT THE TEMPERATURE RATING OF THE SPRINKLER HEADS SHALL BE CLEARLY IDENTIFIED ON THE SHOP DRAWINGS PRIOR TO SUBMISSION FOR APPROVAL.



2 SPRINKLER HEAD SPACING CRITERIA
SCALE: NONE

	MAX AREA PER HEAD	DENSITY PER 1500 SQ. FT
LIGHT HAZARD	225 SQ. FT.	0.10 GPM/SQ. FT.
ORDINARY HAZARD	130 SQ. FT.	0.16 GPM/SQ. FT.

Sullivan Architecture, P.C.

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 White Plains, New York 10601
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 15 Bedford Road, Armonk, NY 10504

MER&FP Engineer: **OLA Consulting Engineers**
 50 Broadway
 Hawthorne, NY 10532
 Tel: 914-747-2800

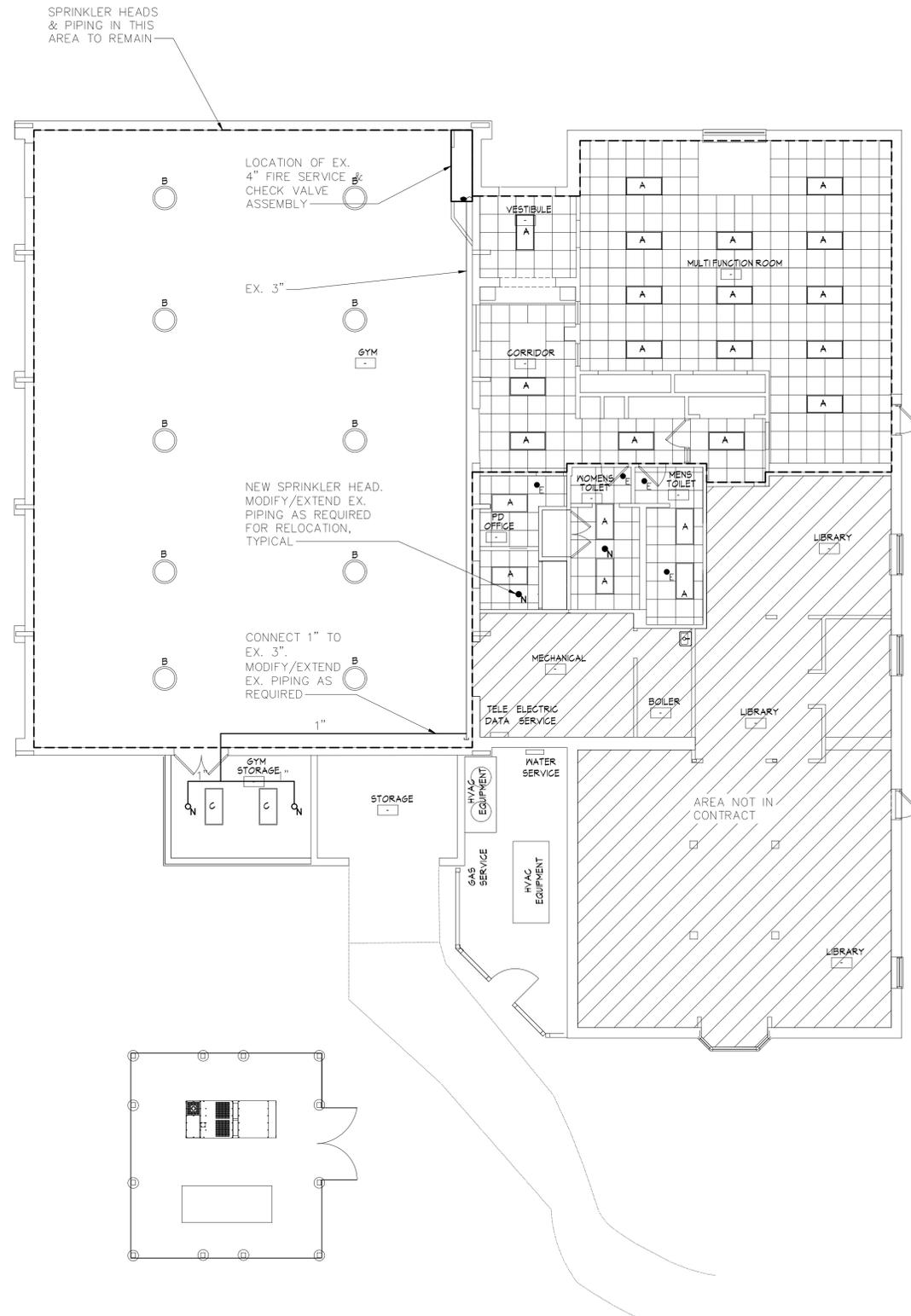
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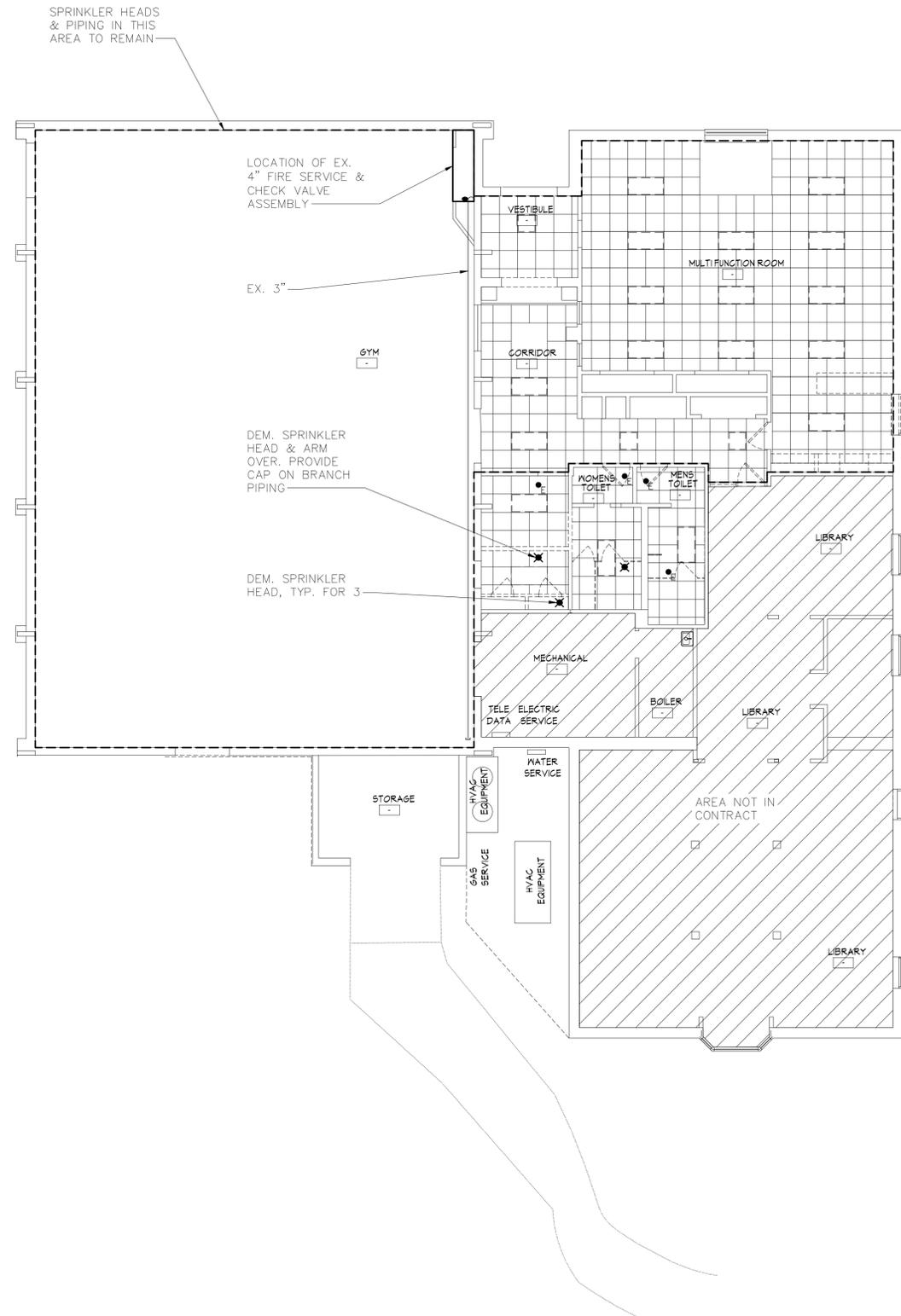
Drawing Title: **SPRINKLER SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES, & DETAILS**

Project No.: NSPC0019.00
 Date: 10-09-20
 Scale: AS NOTED
 Drawing by: MM

Checked by: MM
 Drawing No.: **SP0.1**



2 SPRINKLER NEW WORK PLAN
SCALE: 1/8" = 1'-0"
NORTH



1 SPRINKLER DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
NORTH