

Project:
**ADA UPGRADES AT
 BERNICE SPRECKMAN COMMUNITY CENTER**
777 McLEAN AVENUE
YONKERS, NEW YORK 10704

Element 
 Architectural Group

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Architect's Project #: 2021-06

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Consultants:

GPI | Engineering
 Design
 Planning
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Greenman-Pedersen, Inc.
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GENERAL NOTES

THESE DRAWINGS ARE INTENDED TO BE USED ONLY BY A COMPETENT, EXPERIENCED CONTRACTOR WHO HAS THOROUGHLY REVIEWED THE CONTRACT DOCUMENTS. THIS DESIGN PROFESSIONAL WILL NOT BE RESPONSIBLE FOR JOB SITE PROBLEMS DUE TO FAILURE TO INTERPRET THE DOCUMENTS CORRECTLY. REPRESENTATIVES OF THE ARCHITECT AND HIS CONSULTING ENGINEERS ARE AVAILABLE TO ANSWER QUESTIONS AND TO ASSIST THE CONTRACTOR BY EXPLAINING THE DESIGN INTENT. FAILURE BY THE CONTRACTOR TO UNDERSTAND THE COMPLEXITIES OF THE PROJECT AND THE SEQUENCE OF CONSTRUCTION CAN RESULT IN SERIOUS INJURY TO WORKERS. PROCEEDING WITH CONSTRUCTION WITHOUT A FULL UNDERSTANDING OF THE PROJECT AND WITHOUT A COMPLETE SET OF DESIGN DOCUMENTS WILL PUT BOTH THE PROJECT AND INDIVIDUALS AT RISK. THE CONTRACTOR ASSUMES TOTAL RESPONSIBILITY FOR ANY CONSEQUENCES OF THAT ACTION.

ALL CONTRACTORS AND SUBCONTRACTORS ARE RESPONSIBLE FOR ADHERING TO THE PROJECT REQUIREMENTS FOUND ON THE DRAWINGS, IN THE SPECIFICATIONS AND OTHER DOCUMENTS WHICH ARE PART OF THE CONTRACT. ALL PARTIES MUST CAREFULLY STUDY ALL NOTES FOR ITEMS WHICH MAY PERTAIN TO THEIR TRADES. FAILURE TO READ THESE NOTES DOES NOT PERMIT THE CONTRACTOR TO DEVIATE FROM THEIR REQUIREMENTS.

ALL CONTRACTORS AND SUBCONTRACTORS ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE PROPER PERFORMANCE OF THEIR WORK, COORDINATION WITH OTHER TRADES, METHODS, SAFETY AND SECURITY ON THE JOB SITE. ELEMENT ARCHITECTURAL GROUP AND ITS AGENTS AND EMPLOYEES ARE NOT RESPONSIBLE OR LIABLE FOR THE ABOVE AND SHALL BE HELD HARMLESS AND INDEMNIFIED BY ALL CONTRACTORS AND SUBCONTRACTORS FROM ANY AND ALL CLAIMS, LOSSES, SUITS AND LEGAL ACTION WHATSOEVER ARISING FROM THE PERFORMANCE OF WORK ON THIS PROJECT.

HAZARDOUS MATERIALS MAY EXIST AT THIS SITE. CONTRACTOR SHALL CONSULT WITH OWNER'S AUTHORIZED REPRESENTATIVES REGARDING POSSIBLE LOCATIONS OF HAZARDOUS MATERIALS. IF CONTRACTOR ENCOUNTERS HAZARDOUS MATERIALS DURING CONSTRUCTION, HE SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER. THE OWNER SHALL BE RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR THE SAFE REMOVAL OF ALL HAZARDOUS MATERIALS BEFORE THE CONTRACTOR CAN RESUME WORK.

ACCEPTANCE OF DEVIATIONS FROM ANY OF THE REQUIREMENTS OF THESE NOTES SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT. ACCEPTANCE OF A DEVIATION FROM ANY REQUIREMENT SHALL NOT BE CONSTRUED AS PERMITTING ANY OTHER DEVIATION.

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE INTENDED DESIGN. DO NOT SCALE THE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE SAFETY AND FOR ALL PROPERTY AND PERSONAL DAMAGE OR INJURY RESULTING FROM CONSTRUCTION OPERATIONS. CONTRACTOR SHALL PROVIDE AND MAINTAIN NECESSARY PRECAUTIONS IN PROTECTING HIS MATERIALS AND WORK AREA.

THE SCOPE OF WORK, AS DETAILED BY THESE DOCUMENTS, REQUIRES ONE OR MORE BUILDING PERMITS FROM THE LOCAL MUNICIPALITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR, AND OBTAINING ALL BUILDING PERMITS APPLICABLE, FROM THE LOCAL MUNICIPALITY HAVING JURISDICTION OVER THE PROJECT. NO CONSTRUCTION SHALL PROCEED PRIOR TO ISSUANCE OF THE NECESSARY PERMITS.

LIST OF DRAWINGS

- A-001 COVER SHEET
- S-001 STRUCTURAL SYMBOLS, NOTES, ABBREVIATIONS
- S-002 STRUCTURAL DEMOLITION PLAN
- A-101 KEY PLAN, DEMOLITION PLANS, NOTES, DEMOLITION AT SIDE ENTRY
- A-102 KEY PLAN, NOTES, REFLECTED CEILING PLAN CONSTRUCTION PLANS
- A-103 INTERIOR ELEVATIONS
- A-104 PARTITION TYPES, ADA FIXTURE HEIGHTS, DOOR DETAILS, SCHEDULES
- A-105 PARTIAL PLAN - ADA COMPLIANT DOOR, AND INTERIOR SIGNAGE
- M-001 MECHANICAL NOTES, SYMBOLS, ABBREVIATIONS AND DETAILS
- M-101 MECHANICAL PLANS
- E-001 ELECTRICAL SYMBOLS, NOTES, DETAILS AND ABBREVIATIONS
- E-100 ELECTRICAL DEMOLITION PLAN
- E-101 ELECTRICAL INSTALLATION POWER PLAN
- E-102 ELECTRICAL INSTALLATION LIGHTING PLAN
- P-001 PLUMBING DETAILS, SCHEDULES, NOTES AND LEGEND
- P-002 PLUMBING DETAILS
- P-100 PLUMBING DEMOLITION PLAN
- P-101 PLUMBING PLANS
- P-401 PLUMBING RISER DIAGRAMS

BUILDING DEPT. NOTES

USE GROUP: B (BUSINESS)
 CONSTRUCTION TYPES OF BUILDING: IIB

CONSTRUCTION SQUARE FOOTAGE: 424 S.F. (FOR RESTROOM)

THE SCOPE OF WORK FOR THIS PROJECT CONSISTS OF AMERICANS DISABILITIES ACT UPGRADES FOR THE TOILET FACILITIES, INCLUDING PARTITIONS, FINISHES, DOORS, MECHANICAL, ELECTRICAL AND PLUMBING UPGRADES

THE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2020 IBC WITH NEW YORK STATE SUPPLEMENTS, 2020 MECHANICAL CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE.

ALL OF THE WORK SHALL COMPLY WITH THE BARRIER FREE REQUIREMENTS, AND ALL REFERENCES TO THE ICC/ANSI A117.1-2009 AS WELL AS ALL ADA STATE AND LOCAL REGULATIONS.

NO CHANGE TO THE EXISTING BUILDING USE, OR OCCUPANCY, IS BEING PROPOSED UNDER THIS APPLICATION

ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND THE ENGINEER AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT WRITTEN CONSENT OF THE ARCHITECT OR ENGINEER.

WARNING:
 THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. AN ARCHITECT FOR AN ARCHITECT, A LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, OR A PROFESSIONAL ENGINEER FOR A PROFESSIONAL ENGINEER, IS A VIOLATION OF NEW YORK STATE EDUCATION LAW AND REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

SYMBOLS LEGEND

SOME SYMBOLS SHOWN IN LEGEND MAY NOT BE REPRESENTED ON PLANS

-  SECTION OR DETAIL NUMBER
-  DRAWING SHEET NUMBER
-  EXTERIOR ELEVATION MARKER
-  DETAIL MARKER
-  INTERIOR ELEVATION MARKER
-  CONCRETE
-  BLOCK - PLAN
-  BLOCK - SECTION
-  BRICK PLAN / SECTION
-  BATT INSULATION
-  RIGID INSULATION
-  METAL
-  ROUGH WOOD
-  EARTH
-  POROUS FILL
-  NEW CONSTRUCTION: REFER TO WALL TYPES
-  EXISTING TO BE DEMOLISHED
-  EXISTING TO REMAIN
-  ELEVATION MARKER

REGULATED MATERIALS NOTE

A. ASBESTOS: THE CONTRACTOR SHALL NOTIFY THE OWNER'S FIELD REPRESENTATIVE IF THEY SUSPECT THAT ASBESTOS CONTAINING MATERIALS AFFECT THEIR SCOPE OF CONSTRUCTION WORK. CONTRACTOR SHALL STOP WORK IMMEDIATELY SO AS TO ENABLE THE OWNER TO MAKE ALL ARRANGEMENTS FOR THE SAFE REMOVAL BEFORE CONSTRUCTION ACTIVITIES CAN RESUME.

B. LEAD PAINT: IN AREAS NOTED ON PLANS TO BE PATCHED AND RE-PAINTED AND THAT THE AFFECTED AREA EXCEEDS TWO SQUARE FEET PER ROOM THE OWNER SHALL HAVE THE EXISTING SURFACES TESTED FOR LEAD BASED PAINT PRIOR TO ANY PAINT BEING SCRAPED OR SANDED. IF LEAD BASED PAINT IS FOUND TO BE PRESENT THE OWNER SHALL ARRANGE TO HAVE LEAD BASED PAINT ABATED PRIOR TO ANY SCRAPING BEING PERFORMED.

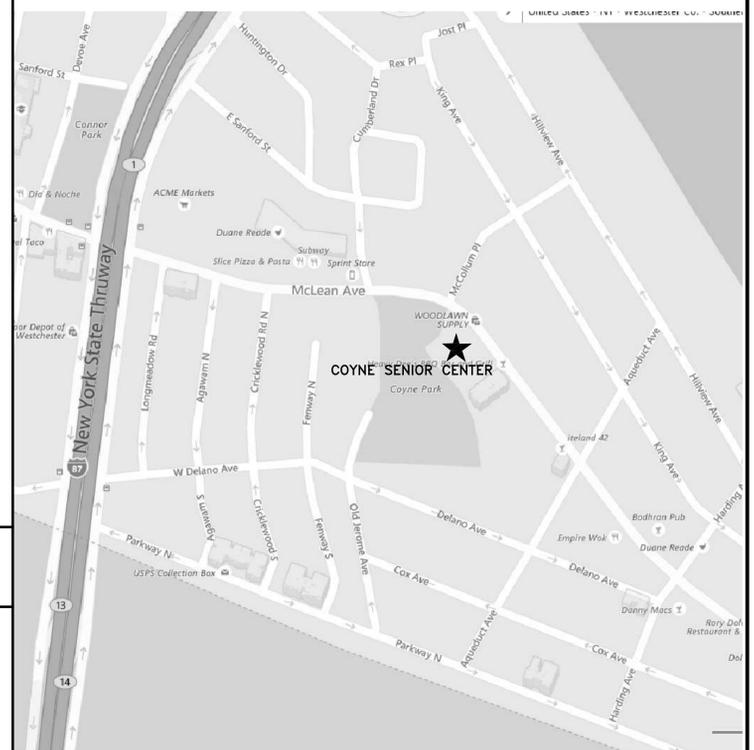
THIS PROJECT IS NOT CONSIDERED A "LEAD ABATEMENT PROJECT" BY THE STATE OF NEW YORK. THE POSSIBILITY STILL EXISTS THAT LEAD MAY BE PRESENT IN SOME OF THE EXISTING PAINT MATERIALS SCHEDULED TO BE DEMOLISHED. FOR PURPOSES OF BIDDING, THE CONTRACTOR SHALL ASSUME THAT THEY WILL ENCOUNTER LEAD AND/OR LEAD-BASED MATERIALS ON THIS PROJECT. AS SUCH, THE CONTRACTOR SHALL BE PREPARED TO CONDUCT PAINT REMOVAL IN SUCH AREAS USING "LEAD-SAFE PRACTICES" AS NEEDED AND SUCH WORK SHALL BE INCLUDED IN THEIR BASE BID. THESE PRACTICES INCLUDE THE FOLLOWING:

- INSTALLATION OF PLASTIC DUST BARRIERS AND TARP GROUND COVERINGS.
- USE OF HEPA VACUUM ATTACHMENTS ON ALL APPLICABLE TOOLS.
- REMOVAL OF LEAD-BASED MATERIALS IN AN INTACT STATE AS MUCH AS POSSIBLE.
- DEMOLITION WITHOUT GRINDING, SAWING AND DRILLING OF MATERIALS CONTAINING LEAD.
- WETTING DOWN OF MATERIALS DURING REMOVAL PROCESS.
- WIPING DOWN ALL SURFACES WITH A DAMP CLOTH AFTER REMOVAL.
- CLEANING ALL GROUND SURFACES DURING CLEAN UP.

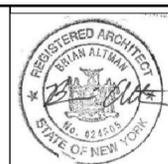
ABBREVIATIONS

A/C	AIR CONDITIONER	M.O.	MASONRY OPENING
A.F.F.	ABOVE FINISHED FLOOR	MAX.	MAXIMUM
AT	ARCHITECT	MECH.	MECHANICAL
ALUM.	ALUMINUM	MIN.	MINIMUM
ARCH.	ARCHITECT	NIC	NOT IN CONTRACT
BD.	BOARD	NTS	NOT TO SCALE
BLK.	BLOCK	O.C.	ON CENTER
BM.	BEAM	OPP.	OPPOSITE
C.T.	CERAMIC TILE	OPNG.	OPENING
CLG.	CEILING	P.T.	PRESSURE TREATED
CMU	CONC. MASONRY UNIT	PTN	PARTITION
CONC.	CONCRETE	R	RISER
CONT.	CONTINUOUS	RD	ROOF DRAIN
COL.	COLUMN	REINF.	REINFORCING
DIA.	DIAMETER	REQ'D.	REQUIRED
DN	DOWN	RH	ROOF HATCH
DS.	DOWNSPOUT	R.O.	ROUGH OPENING
DWG.	DRAWING	SIM.	SIMILAR
EA.	EACH	STD.	STANDARD
ELEV.	ELEVATION	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURAL
EXIST.	EXISTING	T&G	TONGUE AND GROOVE
F.D.	FLOOR DRAIN	T.O.	TOP OF
FIN.	FINISH	TYP.	TYPICAL
GA.	GAUGE	V.	VENT
GALV.	GALVANIZED	VCT	VINYL COMPOSITION TILE
GWB	GYPSUM WALL BOARD	VIF	VERIFY IN FIELD
GYP.	GYPSUM	W/	WITH
H.M.	HOLLOW METAL	WD.	WOOD
LAM.	LAMINATE		

AREA MAP N.T.S.



CURRENT PHASE



A-001

DWG. 1 OF 19

GENERAL NOTES:

- THE STRUCTURES HAVE BEEN DESIGNED IN COMPLIANCE WITH THE REQUIREMENTS OF 2015 BUILDING CODE OF NEW YORK STATE AND ASCE-7 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES".
- CONTRACTOR AND SUBCONTRACTOR SHALL BE LICENSED BY NEW YORK STATE WHERE REQUIRED TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO ERECT / INSTALL ALL STRUCTURES AND ACCESSORIES AS REQUIRED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, REGULATIONS, AND ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK INDICATED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS, APPROVALS, AS WELL AS THEIR ASSOCIATED FEES, EXCEPT WHERE SPECIFIED AND AGREED UPON ELSEWHERE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING HOISTING FACILITIES FOR HANDLING MATERIALS AND REMOVAL OF DEBRIS.
- THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH CONDITIONS THEREON AND TO DETERMINE THE EXTENT OF ALL FACILITIES AND SERVICES REQUIRED TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH OTHER CONSTRUCTION DOCUMENTS. STRUCTURAL WORK SHALL BE COORDINATED WITH OTHER TRADES. ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND/OR ENGINEER FOR CLARIFICATION BEFORE COMMENCING THE WORK.
- THE CONTRACTOR SHALL MAINTAIN ONE COPY OF THE LATEST CONTRACT DOCUMENTS INCLUDING ALL CHANGES AT THE JOB SITE FOR THE USE OF THE ARCHITECT, ENGINEER AND COR.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO THE COR FOR THE ACTS AND OMISSIONS OF ALL HIS/HER EMPLOYEES AND ALL SUBCONTRACTORS, THEIR AGENTS AND EMPLOYEES, AND ALL OTHER PERSONS PERFORMING ANY OF THE WORK FOR THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED ANYWHERE WITHIN THE BOUNDARIES OF THE PROPERTY, AND ANY DAMAGE SHALL BE PROMPTLY REPAIRED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE COR AND/OR ARCHITECT AT NO COST TO COR.
- DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL REGULARLY REMOVE ALL UNUSED MATERIAL, RUBBISH, AND DEBRIS FROM THE PROPERTY AND BROOM CLEAN DAILY. THE SITE AND PREMISES SHALL BE KEPT REASONABLY CLEAN, NEAT AND ORDERLY TO THE SATISFACTION OF COR.
- THE CONTRACTOR SHALL CONTROL CLEANING OPERATIONS TO PREVENT DIRT OR DUST FROM LEAVING THE JOB SITE AND INFILTRATING AREAS NOT INVOLVED IN THE PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO SUBMITTING BIDS AND SHOP DRAWINGS AND/OR FABRICATION AND SHALL REPORT ANY DEVIATIONS OF DIMENSIONS, DISCREPANCIES AND/OR CONDITIONS WHICH WOULD INTERFERE WITH THE COMPLETION OF THE WORK TO THE COR FOR RESOLUTION AND BEFORE PERFORMING THE WORK. COMMENCEMENT OF THE WORK SHALL SIGNIFY ACCEPTANCE OF ANY AND ALL JOB SITE CONDITIONS.
- WHEN "APPROVED EQUAL", "EQUAL TO", "APPROVED ALTERNATE", OR WHERE OTHER QUALIFYING TERMS ARE USED, SUBSTITUTIONS SHALL BE BASED SOLELY UPON THE REVIEW AND APPROVAL OF THE ARCHITECT/ENGINEER AND COR. THE BURDEN OF PROOF THAT A PRODUCT OR SYSTEM MEETS OR EXCEEDS THAT WHICH WAS SPECIFIED LIES ENTIRELY ON THE CONTRACTOR.
- NOTATIONS ON ANY PLAN, ELEVATION, SECTION, OR DETAIL ARE APPLICABLE TO ALL PLANS, ELEVATIONS, SECTIONS, AND DETAILS. IF A CONFLICT ARISES - COR SHALL BE INFORMED TO CLARIFY
- DO NOT SCALE DRAWINGS. USE DIMENSIONAL NOTATION ONLY.
- LARGE SCALE DRAWINGS (I.E. SECTIONS, DETAILS, ETC.) TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS. TYPICAL SECTIONS AND DETAILS SHOWN ON THE DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION.

STRUCTURAL STABILITY NOTE:

THE STRUCTURES SHALL BE ADEQUATELY GUYED AND BRACED TO MAINTAIN SAFETY AND ALIGNMENT DURING ALL PHASES OF CONSTRUCTION. SUCH GUYING AND BRACING SHALL REMAIN IN PLACE UNTIL THE STRUCTURE HAS REACHED ADEQUATE STRENGTH AND/OR ALL PERMANENT BRACING IS IN PLACE. ENSURE THAT CONSTRUCTION OPERATIONS AND PROCEDURES IMPOSE NO LOADING GREATER THAN THE DESIGN LOADS ON ANY MEMBER. ALL TEMPORARY BRACING SHALL BE REVIEWED, APPROVED, AND STAMPED/SIGNED BY N.Y.S. LICENSED PROFESSIONAL ENGINEER.

DESIGN LOADS:

- RISK CATEGORY (FOR DETERMINATION OF LOADING PARAMETERS) III
- LIVE LOADS SIDEWALK 100 PSF
- DEAD LOADS CMU 150 PCF
- WIND LOAD PARAMETERS:
BASIC WIND SPEED 115 MPH
EXPOSURE C
- SEISMIC LOAD PARAMETERS:
N/A
- SNOW LOAD PARAMETERS:
GROUND SNOW LOAD 30 PSF
IMPORTANCE FACTOR 1.0
EXPOSURE FACTOR 1.0
TEMPERATURE FACTOR 1.2
ROOF SLOPE FACTOR 1.0

STRUCTURAL NOTES:

STRUCTURAL STEEL:

- THE DESIGN OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC "MANUAL OF STEEL CONSTRUCTION" 13TH EDITION, AND SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AS ADOPTED ON APRIL 14, 2010.
- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE ABOVE AISC SPECIFICATION AND SECTION BC 2201 OF THE 2015 NYS BUILDING CODE.
- MATERIAL FOR STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992 (GRADE 50), TUBE STEEL SHALL CONFORM TO ASTM A500 (GRADE B), AND MISC. STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE NOTED ON DRAWINGS OR SPECIFICATIONS.
- MATERIAL ACCEPTANCE OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF SECTION AND TABLE BC 1704.3 OF THE NYS BUILDING CODE.
- SUBMIT CHECKED SHOP DRAWINGS PREPARED BY A LICENSED PROFESSIONAL ENGINEER FOR APPROVAL. PRIOR TO SUBMITTAL OF DETAILED SHOP DRAWINGS OF MEMBERS, PROVIDE A SET OF JOB STANDARDS SHOWING ALL NECESSARY CONNECTION DETAILS. AFTER APPROVAL OF THESE STANDARDS, SUBMIT ERECTION PLANS INDICATING LOCATION OF JOINT AND MEMBER MARKINGS.
- DETAILS OF CONNECTIONS SHALL CONFORM TO AISC STANDARDS, AND MANUAL OF STEEL CONSTRUCTION, 14TH EDITION.
- ALL CONNECTIONS, BOTH FIELD AND SHOP, ARE SUBJECT TO SPECIAL INSPECTION.
- COORDINATE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS, CLEARANCE, ETC. WITH WORK OF ALL TRADES AND SUBMITTING STAIR SHOP DRAWINGS FOR APPROVAL.
- PROVIDE ALL TEMPORARY BRACING OF THE STEEL FRAME REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING CONSTRUCTION.
- BOLTED CONNECTIONS
 - ALL THREADED RODS SHALL BE HIGH-STRENGTH CONFORMING TO ASTM A36, UNLESS OTHERWISE NOTED.
 - ALL THREADED RODS SHALL BE 1/2" MINIMUM DIAMETER WITH HARDENED WASHERS UNDER THE TURNING ELEMENT (INCLUDING TURN OF THE NUT METHOD), UNLESS OTHERWISE NOTED.
 - ALL CONTACT SURFACES, INCLUDING SURFACES ADJACENT TO THE BOLT HEAD AND NUT, SHALL BE FREE OF SCALE, OIL, PAINT, LACQUER, AND OTHER FOREIGN MATERIAL. BURRS THAT WOULD PREVENT SOLID SEATING OF THE CONNECTED PARTS IN THE SNUG TIGHT CONDITION SHALL BE REMOVED. CONTACT SURFACES THAT ARE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 AND ROUGHENED BY MEANS OF HAND WIRE BRUSHING (POWER BRUSHING IS PROHIBITED) WILL BE PERMITTED.
 - ALL BOLTED CONNECTIONS SHALL MEET STRUCTURAL INTEGRITY REQUIREMENTS OF BC 2213.2 AND BC 2204.

MISCELLANEOUS STRUCTURAL STEEL:

- STRUCTURAL STEEL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" THIRTEENTH EDITION AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
- MATERIALS SHALL CONFORM TO THE STANDARDS LISTED:
ANGLES: ASTM A36
STRUCTURAL BOLTS: ASTM A36
- THE CONTRACTOR SHALL NOTIFY EOR OF ANY MISFABRICATED STRUCTURAL STEEL OR JOISTS PRIOR TO ERECTION OF SAME.
- PENETRATIONS SHALL NOT BE CUT IN STRUCTURAL STEEL MEMBERS UNLESS SO INDICATED IN THE DRAWINGS OR AS APPROVED BY THE DESIGNER OF RECORD.

GENERAL LEGEND & ABBREVIATIONS:

W6x20	NEW STEEL MEMBER DESIGNATION (ON FRAMING PLANS & ELEVATIONS ONLY)
W10x22	EXISTING STEEL MEMBER DESIGNATION (ON FRAMING PLANS & ELEVATIONS ONLY)
—————	NEW STRUCTURAL STEEL
-----	EXISTING STRUCTURAL STEEL
B.O.S.	BOTTOM OF STEEL
T.O.C.	TOP OF CONCRETE
T.O.G.	TOP OF GRATING
T.O.R.	TOP OF RAIL
T.O.S.	TOP OF STEEL
EL.	ELEVATION
E.S.	EACH SIDE
F.S.	FAR SIDE
N.S.	NEAR SIDE
(E)	EXISTING
(N)	NEW
CL	CENTERLINE
PL	PLATE
DN	DOWN
EQ	EQUAL
OPP	OPPOSITE HAND
SIM	SIMILAR
TYP	TYPICAL
V.I.F.	VERIFY IN FIELD

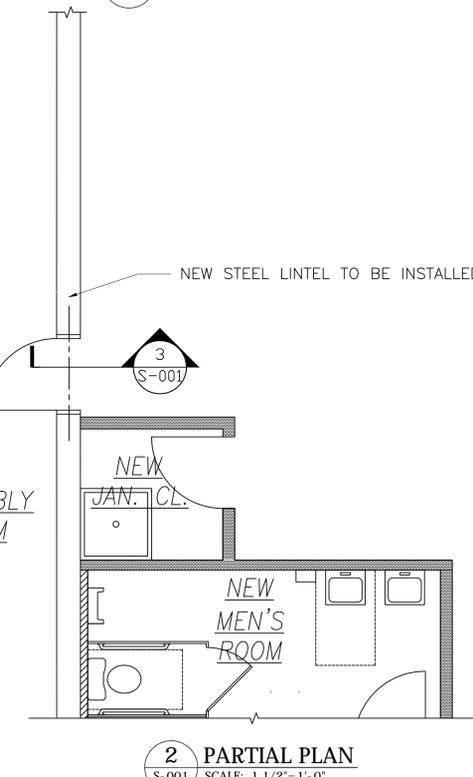
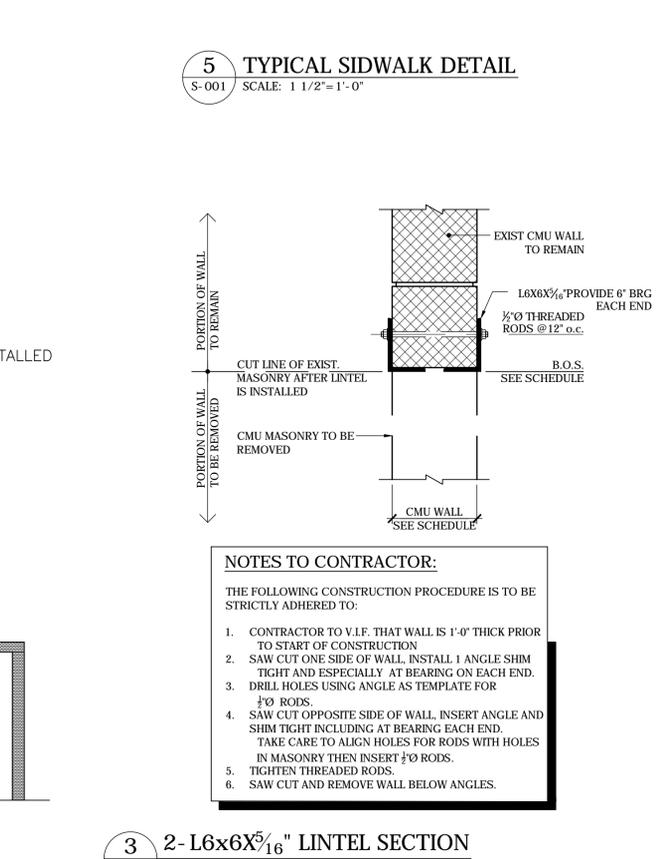
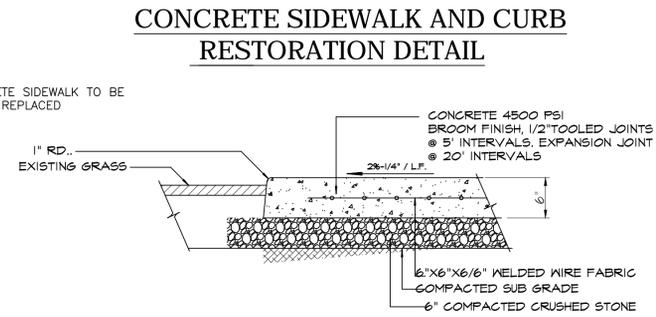
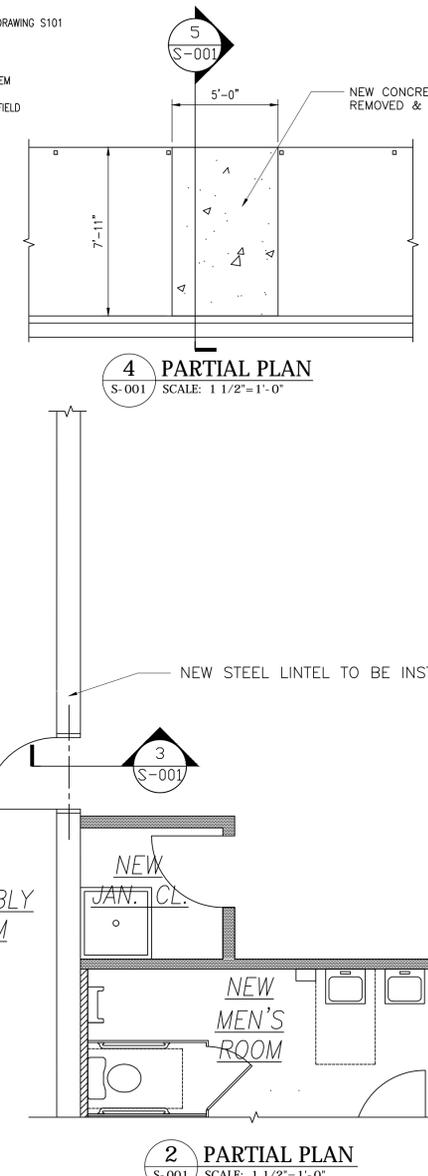
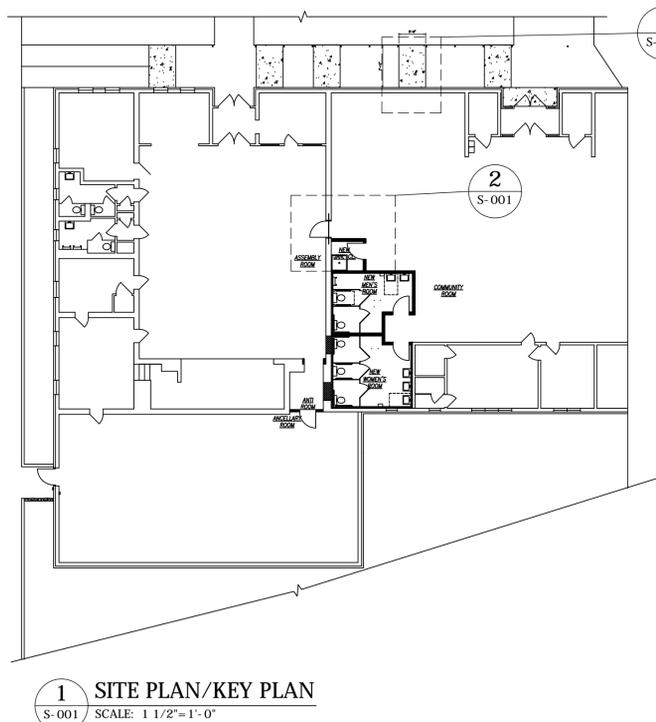
SUBMITTALS REQUIRED:

- THE FOLLOWING ITEMS REQUIRE SUBMITTAL OF SHOP AND ERECTION DRAWINGS FOR REVIEW:
 - STEEL LINTEL
 - CONCRETE MIX
 - REINFORCING BAR

SPECIAL AND PROGRESS INSPECTIONS:

SPECIAL & PROGRESS INSPECTIONS REQUIRED BY THE NEW YORK BUILDING CODE SHALL BE PERFORMED BY A TESTING AGENCY ENGAGED BY THE CONSTRUCTION MANAGER AT THEIR EXPENSE (NOT TO BE PERFORMED BY THE ENGINEER OF RECORD, EXCEPT FINAL INSPECTION) FOR THE FOLLOWING ITEMS:

INSPECTION	REF. STANDARD	NYS BC REF.
-STRUCTURAL STEEL	-AISC 360	BC 1705.2.1-
- CONCRETE CONSTRUCTION - DESIGN MIX	ACI 318: Ch.4, 5.2-5.4	BC 1913.2, BC 1913.3
- CONCRETE CONSTRUCTION - STRENGTH TEST	ASTM C172, ASTM C31 ACI 318: 5.6.5.8	BC 1913.10
- FINAL	--	BC 1704.11



NOTES TO CONTRACTOR:

THE FOLLOWING CONSTRUCTION PROCEDURE IS TO BE STRICTLY ADHERED TO:

- CONTRACTOR TO V.I.F. THAT WALL IS 1'-0" THICK PRIOR TO START OF CONSTRUCTION
- SAW CUT ONE SIDE OF WALL, INSTALL 1 ANGLE SHIM TIGHT AND ESPECIALLY AT BEARING ON EACH END.
- DRELL HOLES USING ANGLE AS TEMPLATE FOR #3 RODS
- SAW CUT OPPOSITE SIDE OF WALL, INSERT ANGLE AND SHIM TIGHT INCLUDING AT BEARING EACH END. TAKE CARE TO ALIGN HOLES FOR RODS WITH HOLES IN MASONRY THEN INSERT #3 RODS.
- TIGHTEN THREADED RODS.
- SAW CUT AND REMOVE WALL BELOW ANGLES.

No.	Revision	Date	By
0	ISSUED FOR CONSTRUCTION	04/14/2021	MP

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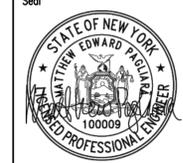
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NJ LIC. A012158; NY LIC. 024305

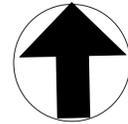
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Drawing Title
STRUCTURAL SYMBOLS, NOTES, ABBREVIATIONS

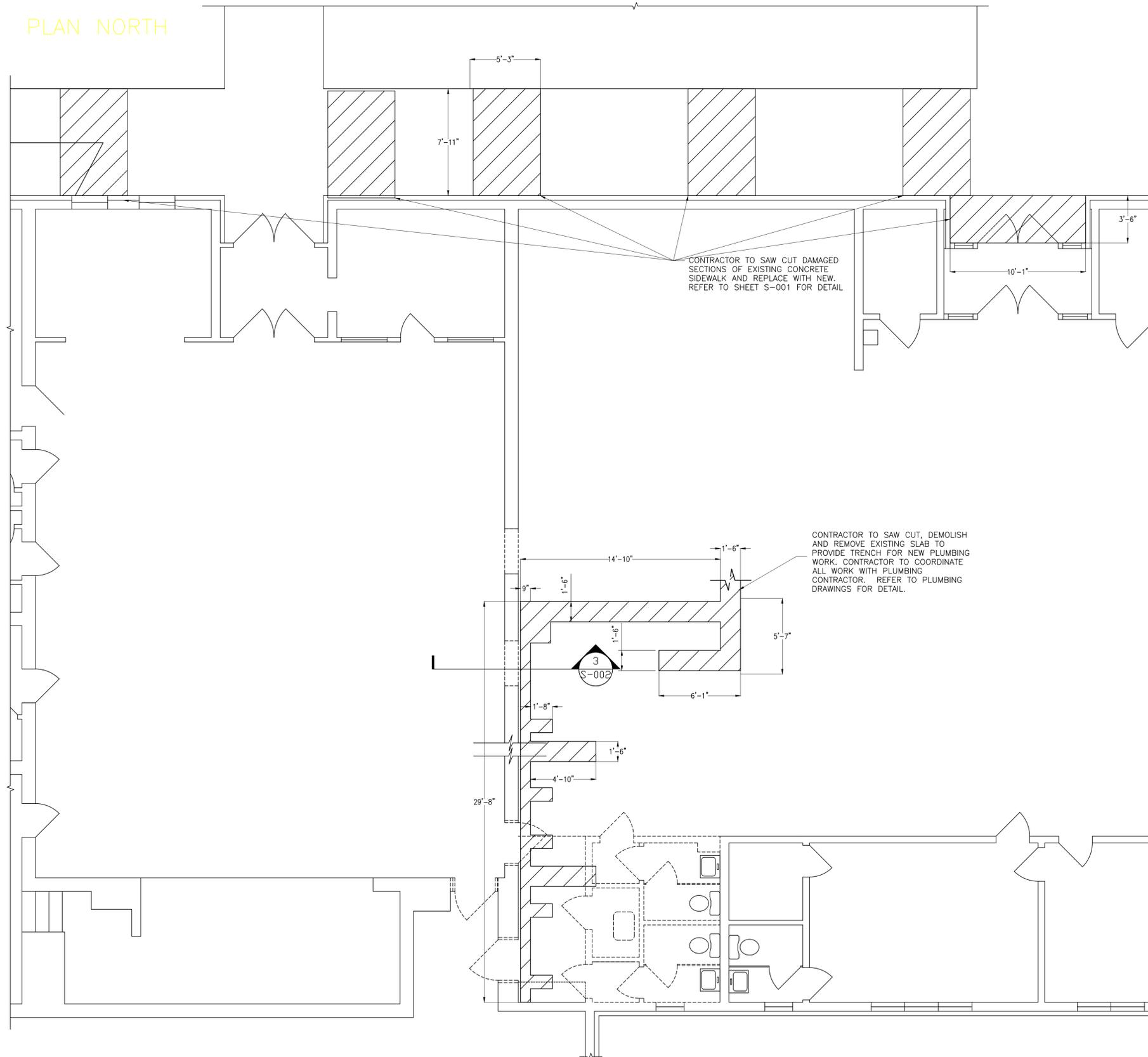
Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	FC	FC	KM

Project No. 2016721.00
Drawing No. S-001

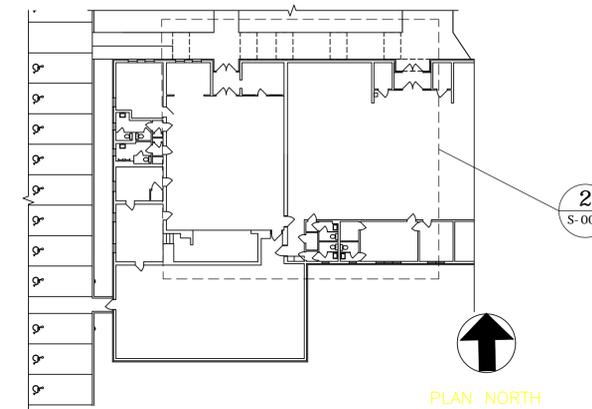




PLAN NORTH

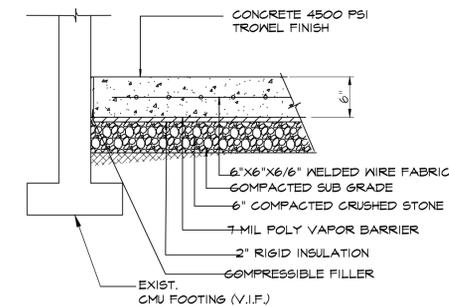


2 PARTIAL DEMOLITION PLAN
S-002 SCALE: 1 1/2"=1'-0"



1 SITE PLAN/KEY PLAN
S-002 SCALE: 1 1/2"=1'-0"

INTERIOR CONCRETE SLAB RESTORATION DETAIL



3 TYPICAL SLAB DETAIL
S-002 SCALE: 3/8"=1'-0"

NOTE:
1) CONTRACTOR TO RESTORE SLAB ONCE PLUMBING WORK IS COMPLETE

No.	Revision	Date	By
0	ISSUED FOR CONSTRUCTION	04/14/2021	MP

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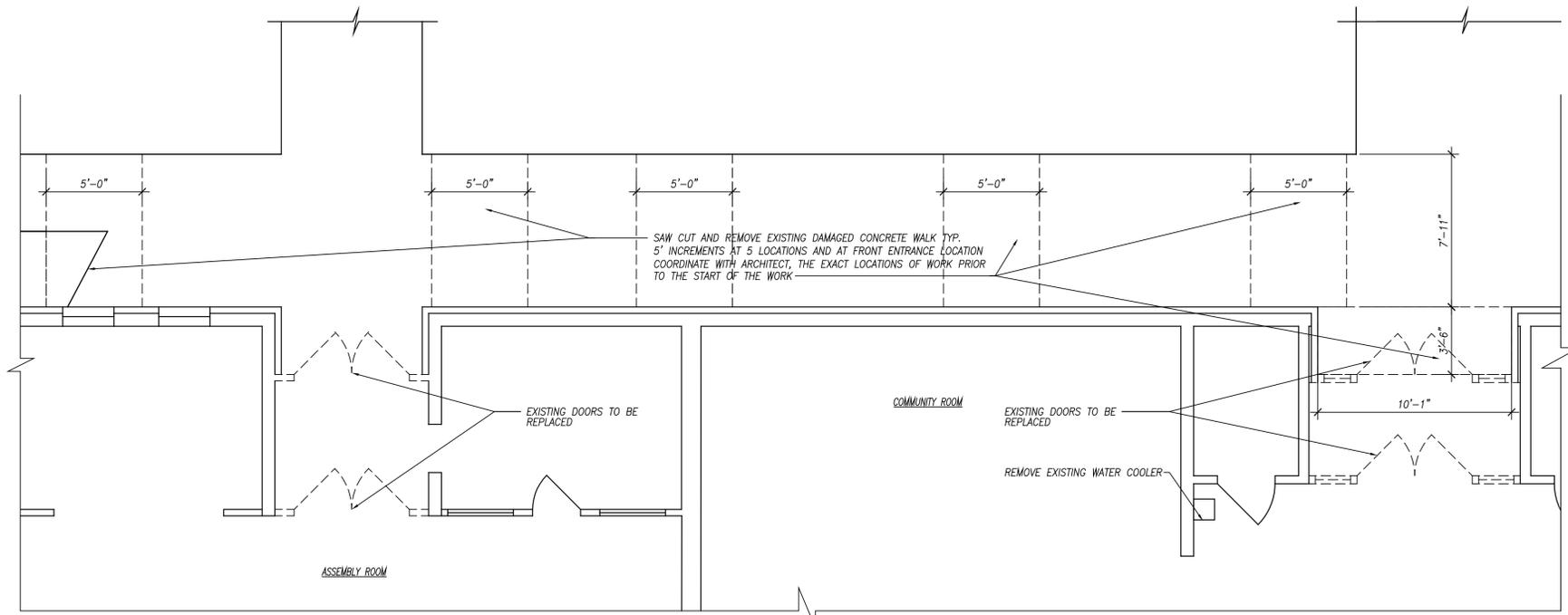
Drawing Title
STRUCTURAL DEMOLITION PLAN

Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	FC	FC	KM

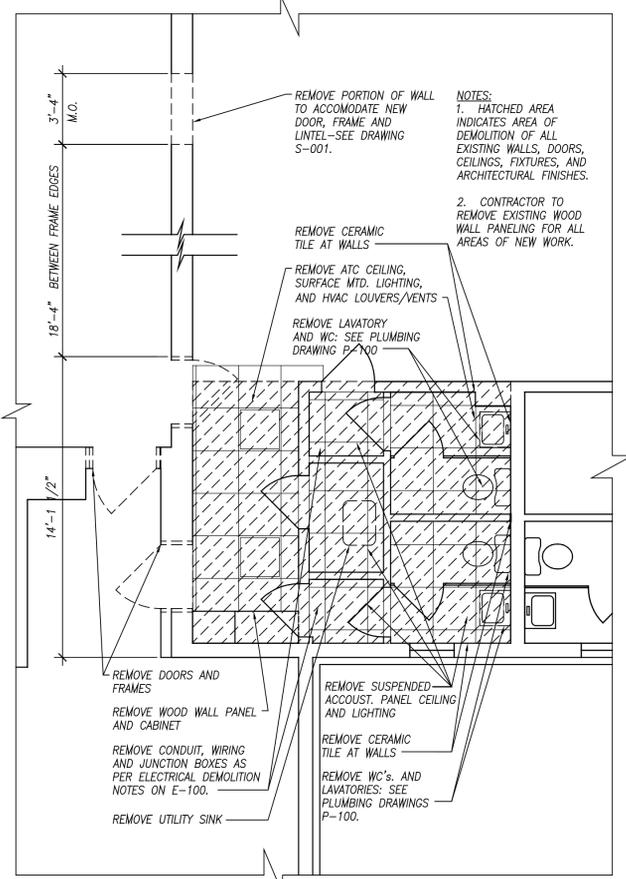
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Project No.
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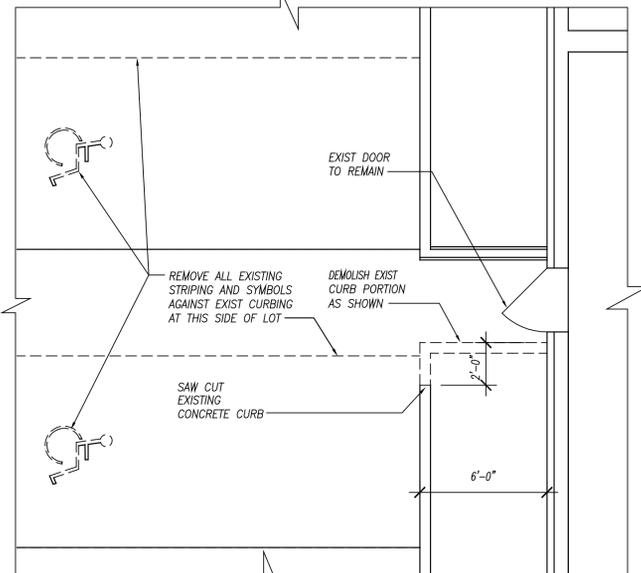
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S-002



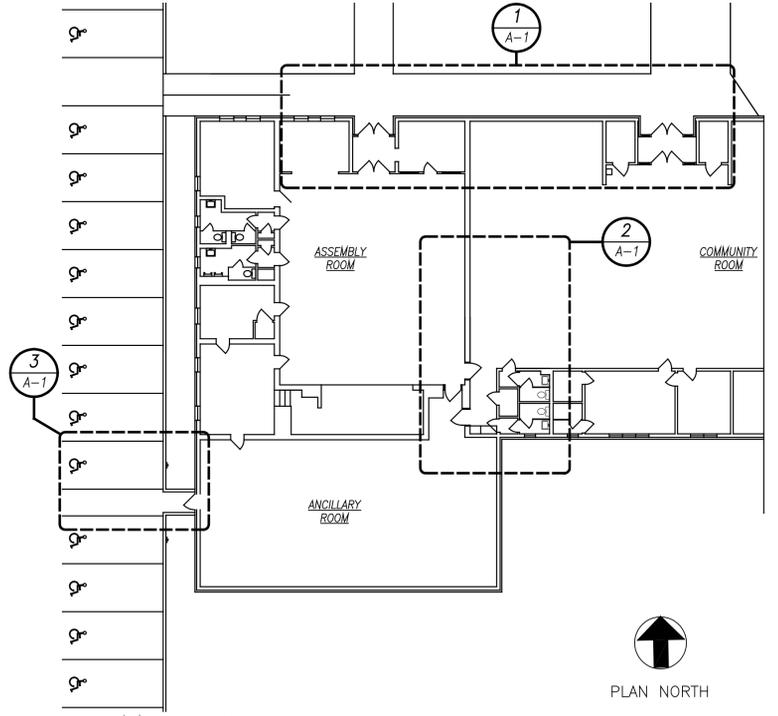
1 DEMOLITION AT FRONT WALKWAY
SCALE: 1/4" = 1'-0"



2 DEMOLITION AT TOILET ROOMS
SCALE: 1/4" = 1'-0"



3 DEMOLITION AT SIDE ENTRY
SCALE: 1/4" = 1'-0"



DEMOLITION KEY PLAN
SCALE: 1/16" = 1'-0"



KEY PLAN, DEMOLITION PLANS, NOTES, DEMOLITION AT SIDE ENTRY
JOB: 2021-06
DATE: 02-23-21
SCALE: AS SHOWN
DWN: APK

A-101
DWG. 4 OF 19

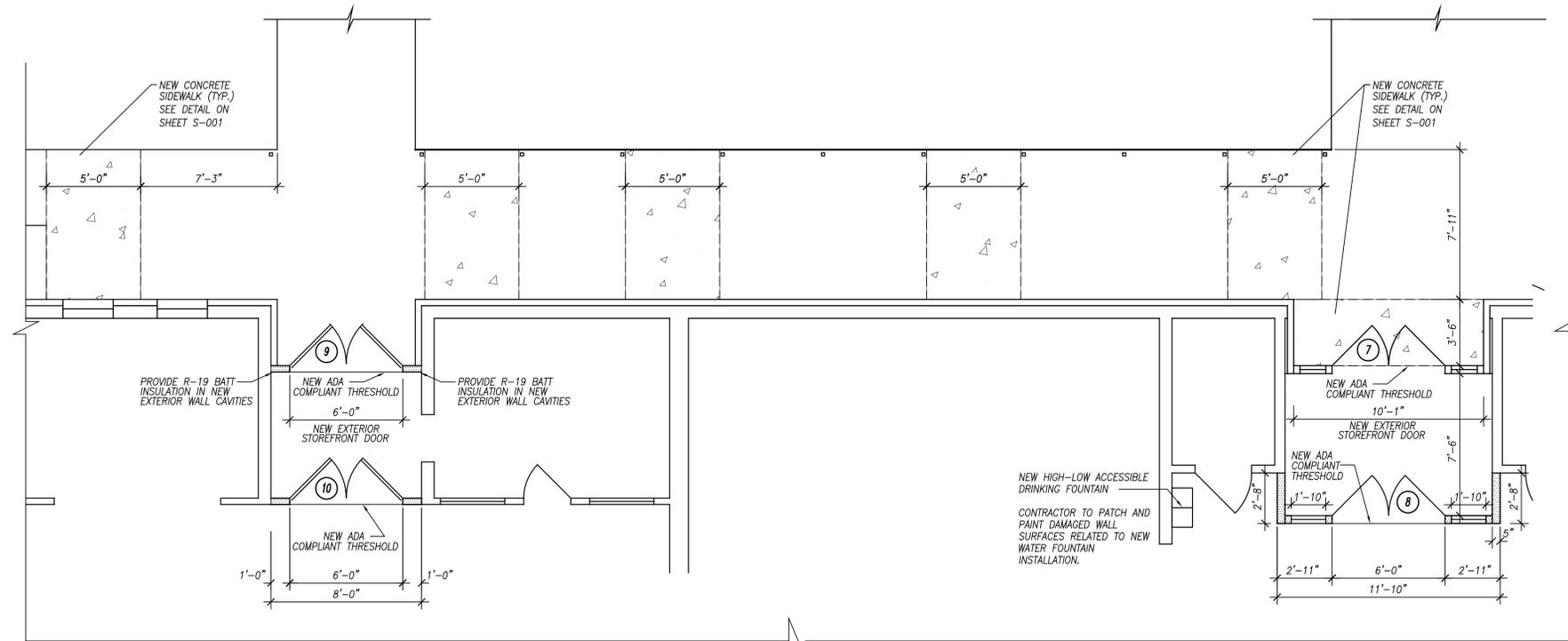
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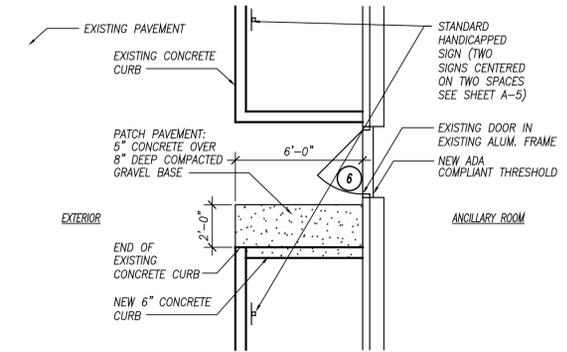
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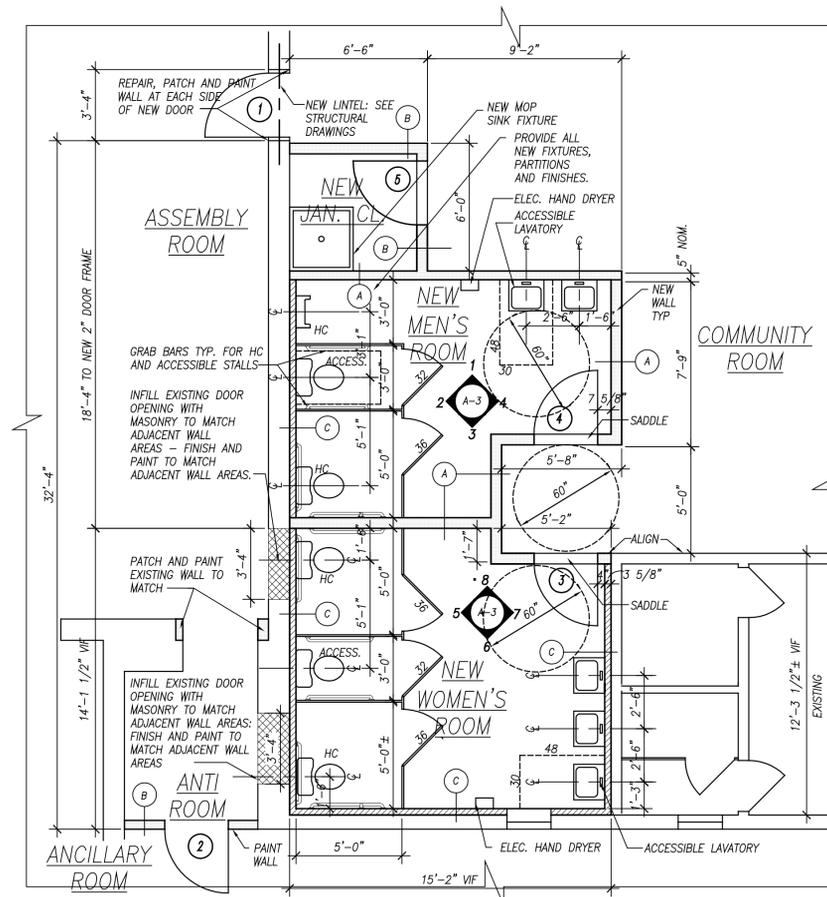
1 PARTIAL CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0" AT FRONT ENTRY WALKWAY AND ENTRY DOORS



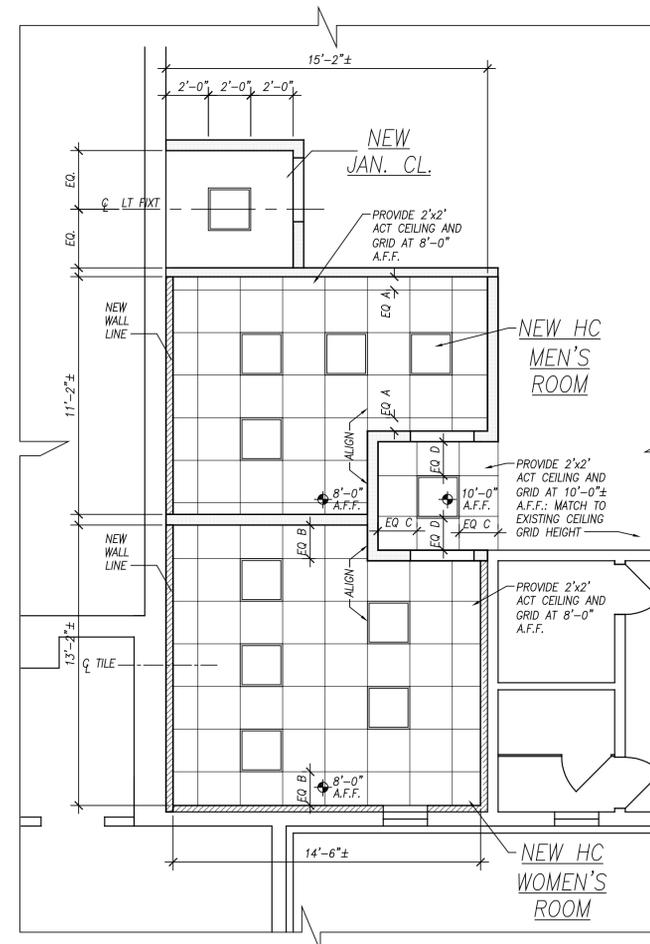
2 PARTIAL CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0" AT SIDE ENTRY

CONSTRUCTION NOTES:

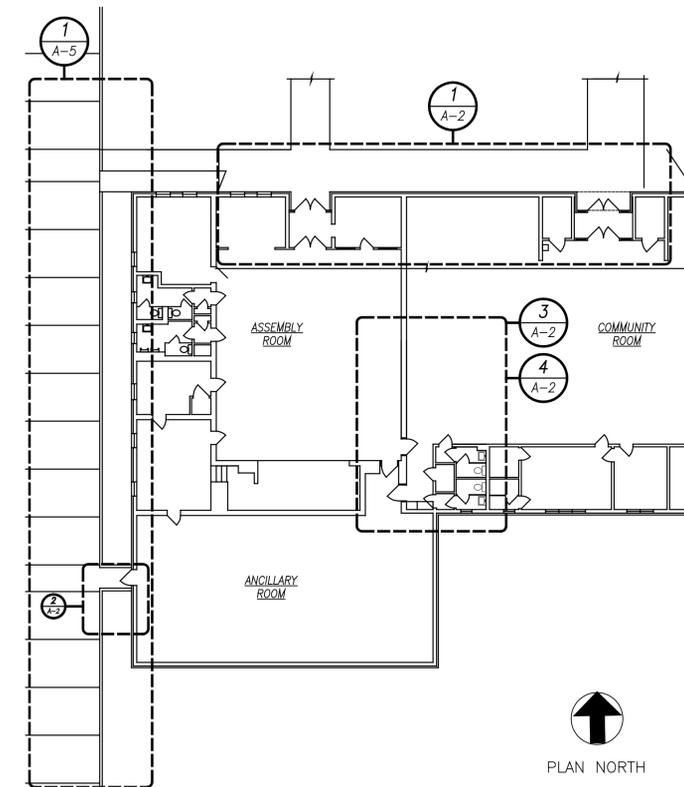
1. CONTRACTOR IS RESPONSIBLE TO REPAIR AND PREPARE EXISTING SURFACES FOR NEW MATERIAL FINISHES. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR NEW MATERIALS AND FINISHES.
2. CONTRACTOR TO REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR EXTENT OF MECHANICAL, ELECTRICAL AND PLUMBING WORK REQUIRED.
3. ALL EXPOSED PIPES BELOW LAVATORIES TO BE INSULATED.



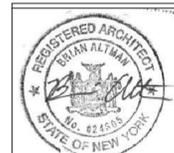
3 PARTIAL CONSTRUCTION PLAN
SCALE: 1/4" = 1'-0" AT TOILET ROOMS



4 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0" AT TOILET ROOMS



WORK KEY PLAN
SCALE: 1/16" = 1'-0"



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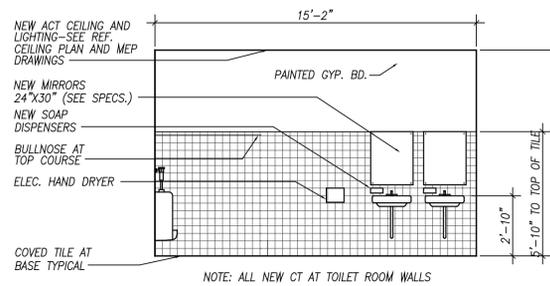
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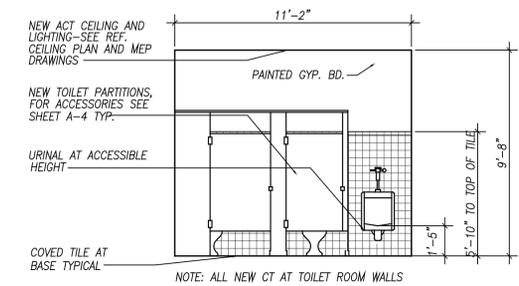
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KEY PLAN, NOTES, REFLECTED CEILING CONSTRUCTION PLANS	DATE	BY	CHK
	2021-06		
	02-23-21		
	AS SHOWN		

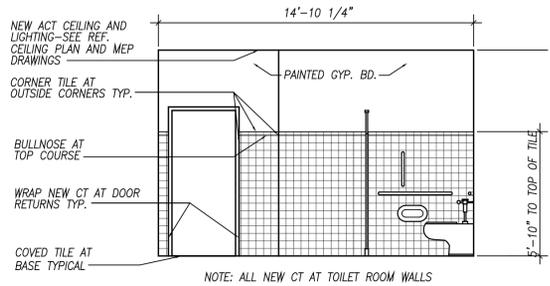
A-102



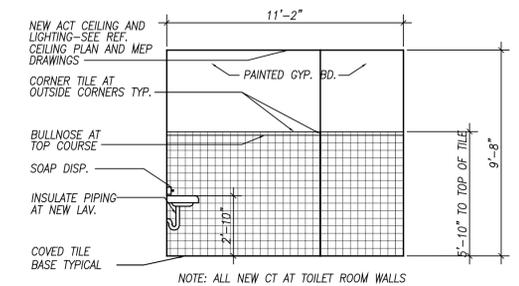
1 INTERIOR ELEVATION AT MEN'S ROOM
SCALE: 1/4" = 1'-0"



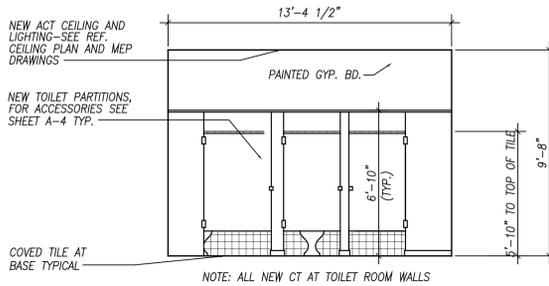
2 INTERIOR ELEVATION AT MEN'S ROOM
SCALE: 1/4" = 1'-0"



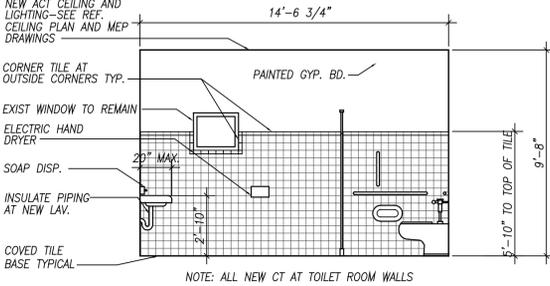
3 INTERIOR ELEVATION AT MEN'S ROOM
SCALE: 1/4" = 1'-0"



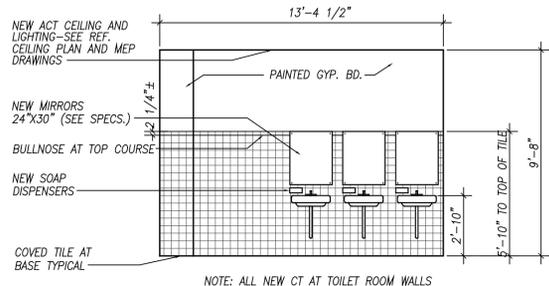
4 INTERIOR ELEVATION AT MEN'S ROOM
SCALE: 1/4" = 1'-0"



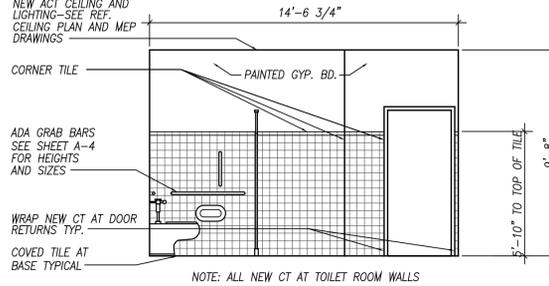
5 INTERIOR ELEVATION AT WOMEN'S ROOM
SCALE: 1/4" = 1'-0"



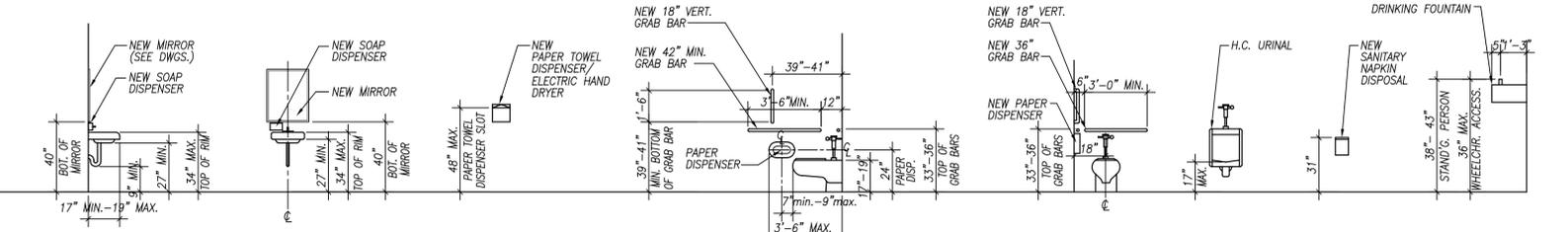
6 INTERIOR ELEVATION AT WOMEN'S ROOM
SCALE: 1/4" = 1'-0"



7 INTERIOR ELEVATION AT WOMEN'S ROOM
SCALE: 1/4" = 1'-0"



8 INTERIOR ELEVATION AT WOMEN'S ROOM
SCALE: 1/4" = 1'-0"



ADA MOUNTING HEIGHT ELEVATIONS - TYP FOR ALL TOILET ROOMS

ACCESSORIES SCHEDULE		
ROOM	QTY.	REMARKS
MEN'S TOILET ROOM	2 1 0 2 2 4 1	
WOMEN'S TOILET ROOM	3 1 3 3 2 6 1	



INTERIOR ELEVATIONS
ADA FIXTURE MOUNTING
AND ACCESSORIES
JOB: 2021-06
DATE: 02-23-21
SCALE: AS SHOWN
DWG: APK

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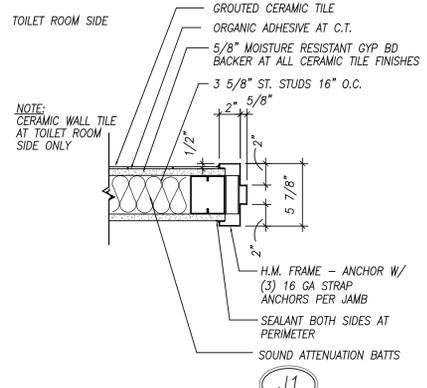
NO. DATE REVISION

INTERIOR WORK AND FINISH SCHEDULE

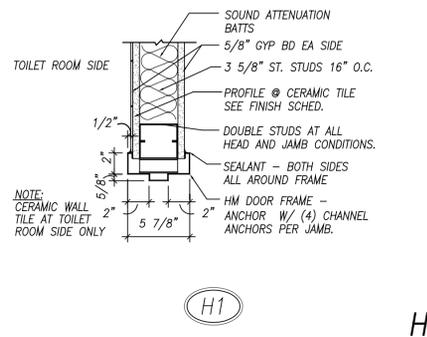
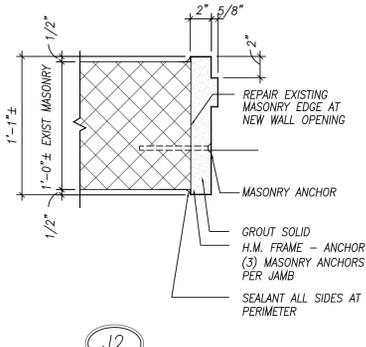
ROOM	FLOOR	BASE		WALLS		CEILING		REMARKS	
		WORK ITEMS	NEW FINISH	WORK ITEMS	NEW FINISH	WORK ITEMS	NEW FINISH		
DESCRIPTION		EXIST. FINISH MATERIAL REMOVE EXIST FINISH MATERIAL AND REPAIR SUBSTRATE PROVIDE NEW CERAMIC TILE AS NOTED ON DRAWINGS PROVIDE NEW VCT TILE AS NOTED ON DRAWINGS		EXIST. FINISH MATERIAL REMOVE EXIST FINISH MATERIAL AND REPAIR SUBSTRATE NEW CERAMIC TILE COVE BASE		EXIST. FINISH MATERIAL REMOVE EXIST FINISH MATERIAL AND REPAIR SUBSTRATE PROVIDE NEW CERAMIC TILE AS NOTED ON DRAWINGS PAINT NEW GYP. BD. SURFACES		EXIST. FINISH MATERIAL REMOVE EXIST ACoustICAL CEILING SYSTEM 2' X 2' ACoustICAL CEILING SYSTEM	
MAIN FLOOR									
NEW MEN'S TOILET ROOM		VCT		CT		ACT		PAINT WALLS ABOVE CERAMIC TILE	
NEW WOMEN'S TOILET ROOM		VCT		CT		ACT		PAINT WALLS ABOVE CERAMIC TILE	
NEW JANITOR'S CLOSET		VCT		CMU		ACT		CERAMIC TILE AT FOUR WALLS UP TO 5'-10" AFF	
NEW ANTI ROOM				CMU		ACT		REPAIR WALLS AS NOTED ON DRAWINGS	

DOOR SCHEDULE

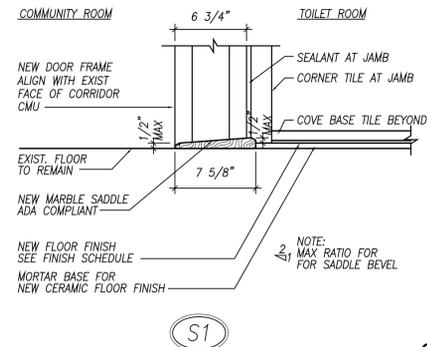
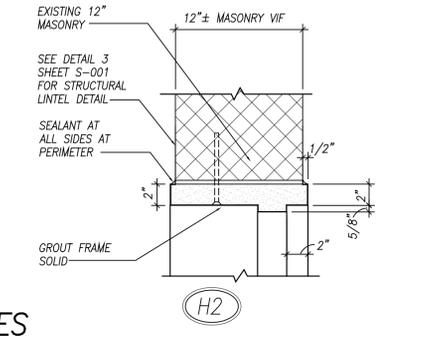
NO.	FROM	TO	DOOR		FRAME				SILL	HARDWARE						REMARKS			
			QTY.	SIZE	TYPE	MAT'L.	JAMB	HEAD		TYPE	LABEL	BUTTS	LATCH	CLSR.	SSOL.		KPPL.	WTHR.	MISC.
1	COMMUNITY RM.	ASSEMBLY RM.	1	3'-0" x 7'-0"	A	WOOD	A	H.M.	J2	H2	S2	-	-	-	-	-	-	2	
2	ANTI ROOM	ANCILLARY RM.	1	3'-0" x 7'-0"	A	WOOD	A	H.M.	J1	H1	-	-	-	-	-	-	-	2	
3	COMMUNITY RM.	NEW WOMEN'S	1	3'-0" x 7'-0"	A	WOOD	A	H.M.	J1	H1	S1	-	-	-	-	-	-	3	PROVIDE HANDICAPPED SIGNAGE
4	COMMUNITY RM.	NEW MEN'S	1	3'-0" x 7'-0"	A	WOOD	A	H.M.	J1	H1	S1	-	-	-	-	-	-	3	PROVIDE HANDICAPPED SIGNAGE
5	COMMUNITY RM.	JAN. CL.	1	3'-0" x 7'-0"	A	WOOD	A	H.M.	J1	H1	S1	-	-	-	-	-	-	4	
6	ANCILLARY RM.	EXTERIOR	-	-	-	-	-	-	-	-	S2	-	-	-	-	-	-	-	PROVIDE ADA COMPLIANT THRESHOLD
7	VESTIBULE	EXTERIOR	1	(2)3'-0" x 7'-0"	B	ALUM.	B	H.M.	J2	H2	S2	-	-	-	-	-	-	5	PROVIDE ADA COMPLIANT THRESHOLD, PUSH BUTTON ACTUATOR, PANIC HARDWARE
8	COMM. ROOM	VESTIBULE	1	(2)3'-0" x 7'-0"	B	ALUM.	B	H.M.	J2	H2	S2	-	-	-	-	-	-	5	PROVIDE ADA COMPLIANT THRESHOLD, PUSH BUTTON ACTUATOR, PANIC HARDWARE
9	VESTIBULE	EXTERIOR	1	(2)3'-0" x 7'-0"	C	ALUM.	C	H.M.	J2	H2	S2	-	-	-	-	-	-	5	PROVIDE ADA COMPLIANT THRESHOLD, PUSH BUTTON ACTUATOR, PANIC HARDWARE
10	ASSEMBLY RM.	VESTIBULE	1	(2)3'-0" x 7'-0"	C	ALUM.	C	H.M.	J2	H2	S2	-	-	-	-	-	-	5	PROVIDE ADA COMPLIANT THRESHOLD, PUSH BUTTON ACTUATOR, PANIC HARDWARE



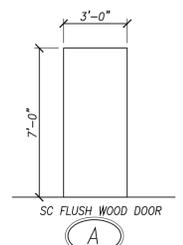
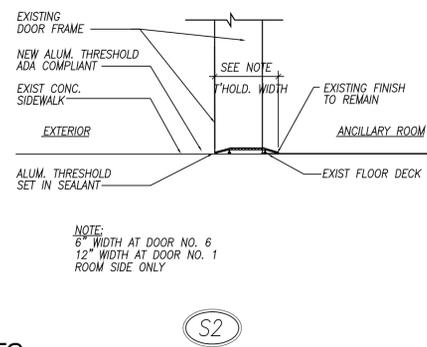
JAMB TYPES



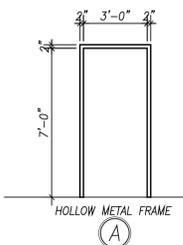
HEAD TYPES



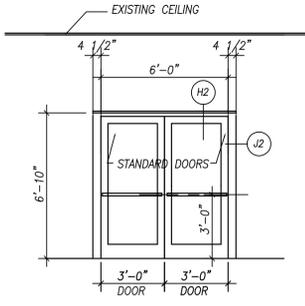
SILL TYPES



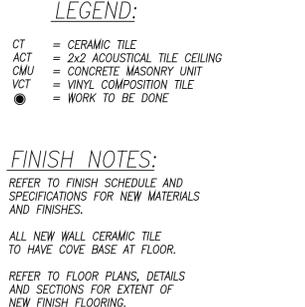
DOOR TYPE



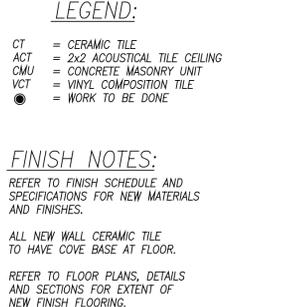
DOOR FRAME TYPE



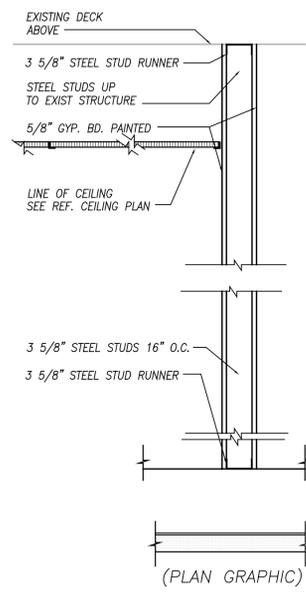
STOREFRONT TYPE B



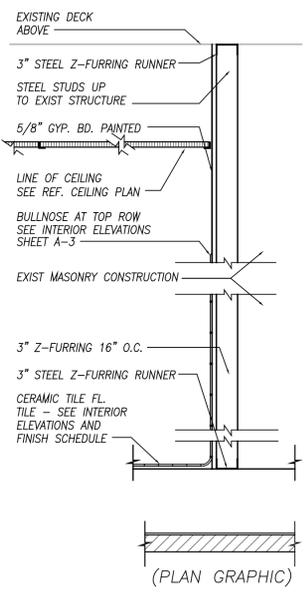
STOREFRONT TYPE C



TYPE A



TYPE B



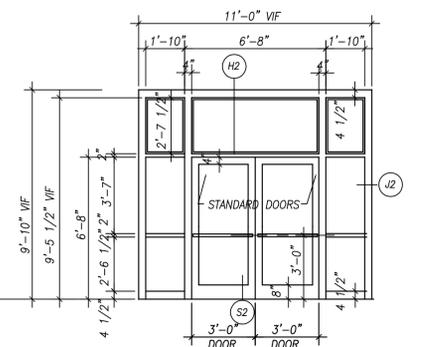
TYPE C

PARTITION TYPES

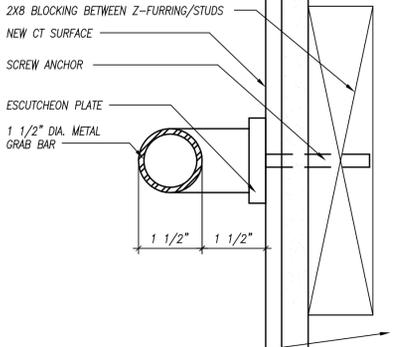
LEGEND:
 CT = CERAMIC TILE
 ACT = 2x2 ACOUSTICAL TILE CEILING
 CMU = CONCRETE MASONRY UNIT
 VCT = VINYL COMPOSITION TILE
 ● = WORK TO BE DONE

FINISH NOTES:
 REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR NEW MATERIALS AND FINISHES.
 ALL NEW WALL CERAMIC TILE TO HAVE COVE BASE AT FLOOR.
 REFER TO FLOOR PLANS, DETAILS AND SECTIONS FOR EXTENT OF NEW FINISH FLOORING.
 PROVIDE OUTSIDE WALL CORNER TILE AT TOILET ROOM DOORS AND WINDOWS AS PER DETAILS AND INTERIOR ELEVATIONS.

CLEANING NOTES:
 ALL SURFACES ARE TO BE CLEANED THOROUGHLY AND COMPLETELY PRIOR TO AND UPON COMPLETION.



STOREFRONT TYPE B



1 GRAB BAR DETAIL
 SCALE: HALF FULL AT TOILET ROOMS

NOTE: ALL CONCEALED WOOD BLOCKING SHALL BE FIRE-RETARDANT-TREATED WOOD. COMPLYING WITH SECTION 2303.2.

NOTE: ALL GYPSUM BOARD BOARD IN NEW TOILET ROOMS SHALL BE MOISTURE RESISTANT WITH A MOLD RESISTANT RATING OF 10 IN ACCORDANCE WITH ASTM D3273.

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PARTITION TYPES, DOOR DETAILS, SCHEDULES	2021-06
JOB:	2021-06
DATE:	02-23-21
SCALE:	AS SHOWN
DWN:	APK



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GENERAL NOTES:

- THE FOLLOWING NOTES SHALL APPLY THROUGHOUT. EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND/OR BUILDING. ALL DIMENSIONS AND EQUIPMENT IS SHOWN DIAGRAMMATICALLY. COORDINATE WITH ACTUAL FIELD CONDITION. PERFORM PRELIMINARY TESTING AND COMPARE WITH WATERFLOW REQUIREMENTS UNDER THIS PROJECT. IDENTIFY DEFICIENCIES PRIOR TO THE COMMENCEMENT OF NEW MECHANICAL CONTRACT WORK.
 - THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR THE REQUIRED CONSTRUCTION PERMIT(S), FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
 - COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.
 - THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
 - THE TERM "FINISH FLOOR" SHALL MEAN THE NORMAL FINISHED SURFACE OF THE FLOOR LEVEL. ALL ELEVATIONS GIVEN FOR EXISTING BUILDINGS ARE TO FINISHED FLOOR. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS FOR EXISTING STRUCTURES PRIOR TO THE COMMENCEMENT OF WORK.
 - THE CONTRACTOR SHALL PATCH AND REPAIR ALL FLOORS, WALLS, CEILINGS, ETC. DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS AND FINISH TO MATCH ADJOINING SURFACES.
 - WHERE MANUFACTURERS NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
 - ADDITIONAL NOTES WHICH ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DRAWINGS.
 - DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ENGINEER. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.
 - ALL WORK ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS "EXISTING TO REMAIN".
 - DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION, INSTALLATION OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE ENGINEER, SHALL BE INCLUDED IN THE WORK THE SAME AS IF HEREIN SPECIFIED OR INDICATED.
 - ALL WORK SHALL BE INSTALLED SO THAT ALL PARTS REQUIRED ARE READILY ACCESSIBLE FOR INSPECTION, OPERATION, MAINTENANCE AND REPAIR.
 - ANY EXISTING WORK DAMAGED DUE TO THE MASONRY REPAIR AND OTHER RELATED WORK, SHALL BE PATCHED, REPAIRED, REFINISHED, ETC. BY THE CONTRACTOR TO MATCH EXISTING FINISHES TO THE CLOSEST EXISTING CORNER.
 - CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. WORK AREA WILL BE LEFT BROOM CLEAN AT THE END OF COMPLETION OF WORK AND UNTIL THE SPACE IS READY TO BE OCCUPIED.
 - PROVIDE BARRICADES AROUND WORK AREAS AS REQUIRED TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THEREIN.
 - THE WORD "PROVIDE" USED ON DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT MEANS "FURNISH AND INSTALL". WHEN ONLY ONE PART OF ACTION IS REQUIRED, EITHER "FURNISH" OR "INSTALL" WILL BE USED ACCORDINGLY (TYP., U.O.N.).
 - DUST CONTROL: EXISTING CONSTRUCTION AND EQUIPMENT SHALL BE PROTECTED FROM DUST THROUGHOUT THE DURATION OF THE WORK AND TO THE SATISFACTION OF THE OWNER. PROVIDE DUST BARRIERS AND/OR COVER EXISTING WORKSTATIONS AND EQUIPMENT TO PREVENT CONTAMINATION. WHEN DRILLING OR CUTTING IN OCCUPIED AREAS OF THE BUILDING, ALL TOOLS USED SHALL BE EQUIPPED WITH DUST FILTERS.
 - THE SITE SHALL BE CLEANED AT THE END OF EVERY SHIFT AT A MINIMUM, AND SHALL BE MAINTAINED IN A CLEAN CONDITION AT ALL TIMES. NO DUST, DEBRIS, REFUSE OR ODORS SHALL BE PERMITTED TO ACCUMULATE AT ANY TIME.
 - NOISE GENERATED BY THE WORK SHALL BE KEPT TO A MINIMUM, AND SHALL BE KEPT TO A LEVEL ACCEPTABLE TO THE OWNER.

MECHANICAL NOTES:

- PROVIDE LABOR, MATERIALS, TOOLS, MACHINERY, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE HVAC WORK UNDER THIS CONTRACT. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETE IN EVERY ASPECT AND ALL ITEMS OF MATERIAL, EQUIPMENT AND LABOR SHALL BE PROVIDED FOR A FULLY OPERATIONAL SYSTEM AND READY FOR USE. COORDINATE THE WORK WITH THE WORK OF THE OTHER SUBCONTRACTORS IN ORDER TO RESOLVE ALL CONFLICTS WITHOUT IMPEDING THE JOB PROGRESS.
- EXAMINE THE ARCHITECTURAL, DRAWINGS AND OTHER DIVISIONS, AND SECTIONS OF THE SPECIFICATIONS IN ORDER TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO BE COMPLETED UNDER THIS DIVISION. FAILURE TO EXAMINE ALL THE CONTRACT DOCUMENTS FOR THIS PROJECT WILL NOT RELIEVE THIS CONTRACTOR OF HIS RESPONSIBILITIES TO PERFORM THE WORK REQUIRED FOR A COMPLETELY FULLY OPERATIONAL AND SATISFACTORY INSTALLATION.
- THE WORK INCLUDES BUT IS NOT LIMITED TO THE DEPICTED SYSTEMS, EQUIPMENT AND SERVICES, AS SPECIFIED HEREIN.
- START-UP SERVICES SHALL BE INCLUDED.
- ALL SYSTEMS, EQUIPMENT AND SERVICES SPECIFIED HEREIN SHALL BE PROVIDED COMPLETE AND READY FOR USE. ALL EQUIPMENT, DUCTWORK, PIPING, DAMPERS, OUTLETS ARE NEW, FURNISHED AND INSTALLED BY THIS CONTRACTOR, UNLESS OTHERWISE NOTED.
- DUCTWORK AND PIPING ARE SHOWN DIAGRAMMATICALLY AND DO NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPING TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ENGINEER. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER SUBCONTRACTORS IS REQUIRED. PROVIDE COORDINATION DRAWINGS SHOWING ALL TRADES WORK AND EXISTING CONDITION.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES INVOLVING EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- VERIFY FINAL LOCATIONS FOR ROUGH WORK WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT BEING CONNECTED.
- PROVIDE A COMPLETE SYSTEM OF VIBRATION ISOLATION FOR EACH ITEM OF HVAC EQUIPMENT AND APPARATUS AS SPECIFIED HEREIN, AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACE AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER IN THE INTERIOR OR THE EXTERIOR.
- ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY OWNER, OR AS NOTED TO BE RELOCATED ON THE DRAWINGS, AND SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, BALANCED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- PROVIDE DIELECTRIC UNIONS AT JOINTS BETWEEN DISSIMILAR PIPING.

SAFETY NOTES

- SPECIAL PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT ON THE APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FOLLOWING:
 - EGRESS TO AND FROM THE BUILDING FIRE SAFETY OR CREATE A FIRE HAZARD
 - STRUCTURAL SAFETY OF THE BUILDING, CONFORM TO CHAPTER 33 OF THE 2016 NYSBC FOR SAFETY DURING CONSTRUCTION AND DEMOLITION.
 - ACCUMULATION OF DUST AND DEBRIS. THE CONTRACTOR SHALL LEAVE THE SITE BROOM CLEAN EACH DAY.
- ASBESTOS MUST FIRST BE INVESTIGATED AND VERIFY IN FIELD BEFORE ANY DEMOLITION OR CONSTRUCTION WORK TO BE DONE UNDER THIS PROJECT. ASBESTOS FREE MUST BE CERTIFIED FOR ALL HVAC EQUIPMENT, DUCTWORK, AND ALL PIPING INSULATION.
- CONSTRUCTION WORK SHALL BE CONFINED TO WORK AREAS NOTED ON THE DRAWINGS AND SHALL INVOLVE TEMPORARY INTERRUPTION OF HEATING, WATER AND ELECTRIC SERVICES TO THE BUILDING SYSTEMS ONLY AS SCHEDULED WITH THE OWNER.
- FIRE SAFETY: ALL BUILDING MATERIALS STORED IN CONSTRUCTION AREA, AND/OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA ONLY WHERE PERMITTED BY THE OWNER.
- CONTRACTOR SHALL PROVIDE BARRICADES AROUND WORK AREAS AS REQUIRED TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THEREIN.
- THE CONTRACTOR SHALL SUBMIT SAFETY PLAN FOR APPROVAL.

BUILDING DEPARTMENT NOTES:

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT:

- WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK.
- NO CHANGE IN USE EGRESS OR OCCUPANCY GROUP PROPOSED UNDER THIS APPLICATION.

ELECTRICAL WIRING AND CONTROL:

- MECHANICAL CONTRACTOR SHALL PROVIDE TRANSFORMERS AND MAKE ALL CONNECTIONS TO CONTROLS EQUIPMENT. COORDINATE WORK WITH OTHER TRADES. GENERALLY ALL LOW VOLTAGE WIRING SHALL BE BY MECHANICAL CONTRACTOR, AND ALL HIGH VOLTAGE WIRING (120V AND HIGHER), SHALL BE BY ELECTRICAL CONTRACTOR (TYP., U.O.N.).
- ALL CONTROL WIRING SHALL BE DONE ACCORDING TO SEQUENCE OF OPERATION, AS SPECIFIED, AND IN ACCORDANCE WITH MANUFACTURER CONTROL DATA.
- ALL DISCONNECT SWITCHES, STARTERS, AND VARIABLE FREQUENCY DRIVES SHALL BE FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- CONTROL WIRING SHALL BE RUN IN CONDUIT THROUGHOUT.

SEQUENCE OF OPERATIONS:

- EF-1: EF-1 SHALL OPERATE CONTINUOUSLY WHILE THE BUILDING IS OCCUPIED. EF-1 SHALL BE OFF WHEN THE BUILDING IS UNOCCUPIED. OCCUPANCY SHALL BE DETERMINED BY A 7-DAY PROGRAMMABLE TIME CLOCK.

AIR BALANCING:

- RECORD AIRFLOWS OF EXISTING SUPPLIES, RETURNS, AND EXHAUSTS THOROUGHOUT THE AREA OF WORK AND WHEREVER ELSE AFFECTED BY THE WORK OF THIS CONTRACT PRIOR TO BEGINNING THE WORK. SUBMIT A REPORT OF THESE AIRFLOWS TO THE OWNER FOR RECORD.
- PERFORM A COMPLETE BALANCING OF THE SYSTEM, INCLUDING ALL SUPPLIES, RETURNS, AND EXHAUSTS, BOTH EXISTING AND NEW, THROUGHOUT THE AREA OF WORK AND WHEREVER ELSE AFFECTED BY THE WORK OF THIS CONTRACT. SUBMIT A FINAL BALANCING REPORT FOR APPROVAL. REFER TO THE PLANS AND SPECIFICATIONS FOR ADDITIONAL BALANCING REQUIREMENTS.

AIR OUTLETS SCHEDULE

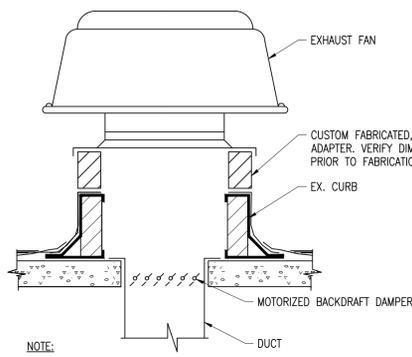
TAG	SERVICE	TYPE	MODULE SIZE (N)	DIRECTION	NOISE CRITERIA (NC)	BASIS OF DESIGN		REMARKS
						MANUFACTURER	MODEL #	
SD	SUPPLY	DIFFUSER	AS NOTED	4-WAY	25	TITUS	TMS	SEE NOTES
EG	EXHAUST	GRILLE	AS NOTED	-	25	TITUS	350RL	SEE NOTES
RG	RETURN	GRILLE	AS NOTED	-	25	TITUS	350RS	SEE NOTES

AIR OUTLET SCHEDULE NOTES:

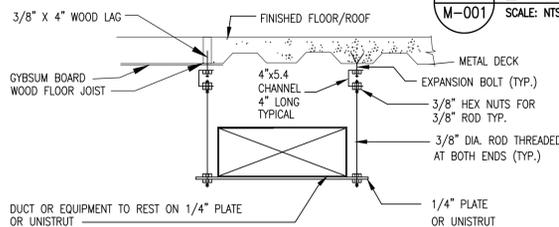
- NECK SIZES ARE INDICATED ON THE PLANS.
- PROVIDE STANDARD BORDER FOR APPLICABLE WALL/CEILING TYPE.

EXHAUST FAN SCHEDULE

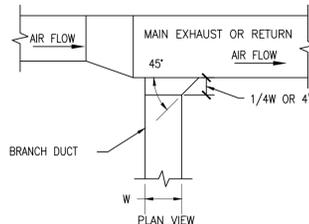
UNIT NO.	EF-1	
LOCATION	ROOF	
TYPE	ROOFTOP FAN	
RATING	HORSEPOWER	1/6
	CAPACITY, CFM	620
	STATIC PRESSURE, W.C.	.25
MANUFACTURER	GREENHECK	
MODEL NO.	G-090	
VOLT., PH. HZ.	115/1/60	
REMARKS:	1. FAN SHALL BE DIRECT DRIVE WITH ECM MOTOR. 2. PROVIDE BIRDSCREEN, DISCONNECT SWITCH, CONTROL DEVICES, AND WIRING AS REQUIRED. 3. PROVIDE MOTORIZED BACKDRAFT DAMPER. 4. PROVIDE A CUSTOM FABRICATED CURB ADAPTER.	



5 EXHAUST FAN DETAIL
M-001 SCALE: NTS



4 DUCT SUPPORT DETAIL
M-001 SCALE: NTS



1 DUCT CONSTRUCTION DETAIL
M-001 SCALE: NTS

LEGEND:

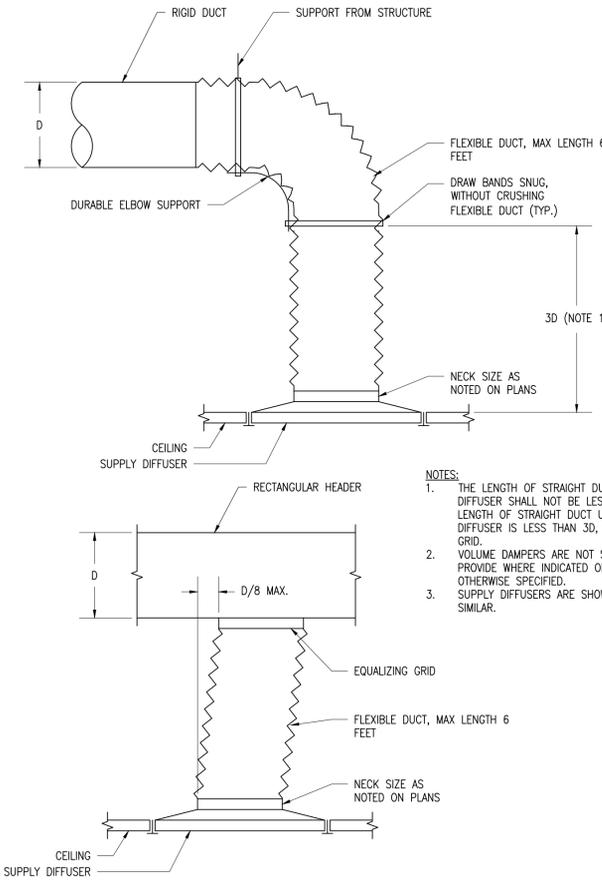
- EXISTING
- TO BE REMOVED (ON DEMOLITION DRAWINGS)
- WORK OF THIS CONTRACT
- THERMOSTAT
- DISCONNECT POINT
- TIE-IN POINT

SYMBOLS:

- HOT WATER SUPPLY
- HOT WATER RETURN
- PIPE DROPPING DOWN
- PIPE UP
- PIPE BOTTOM CONNECTION
- PIPE TOP CONNECTION
- BALL VALVE
- GATE/SHUTOFF VALVE
- BALANCING VALVE
- CHECK VALVE
- BALANCING COCK
- BALANCING VALVE
- PIPE ANCHOR
- PIPE BREAK
- PRESSURE GAUGE
- STRAINER
- RELIEF VALVE
- AIR VENT
- DRAIN COCK W/ HOSE BIBB
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- THERMOMETER
- DIELECTRIC FLANGED CONNECTION

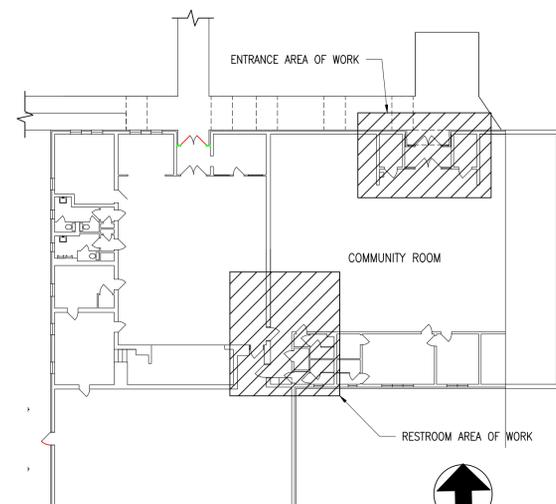
ABBREVIATIONS

- BHP BREAK HORSE POWER
- D DRAIN
- DN DOWN
- DWG DRAWING
- EX. EXISTING
- FPI FINS PER INCH
- FTR FINNED TUBE RADIATION
- HP HORSE POWER
- MAX MAXIMUM
- MBH 1000 BTU/H
- MHP MOTOR HORSE POWER
- MIN. MINIMUM
- N/A NOT APPLICABLE
- N.I.C. NOT IN CONTRACT
- NTS NOT TO SCALE
- P-# PUMP TAG
- PH PHASE
- R HOT WATER RETURN
- RPM REVOLUTION PER MINUTE
- T THERMOSTAT
- TB TO BOTTOM
- TYP. TYPICAL
- V VOLT
- U.O.N. UNLESS OTHERWISE NOTED



- NOTES:**
- THE LENGTH OF STRAIGHT DUCT UPSTREAM OF DIFFUSER SHALL NOT BE LESS THAN 1D. WHEN THE LENGTH OF STRAIGHT DUCT UPSTREAM OF THE DIFFUSER IS LESS THAN 3D, PROVIDE AN EQUALIZING GRID.
 - VOLUME DAMPERS ARE NOT SHOWN IN THIS DETAIL. PROVIDE WHERE INDICATED ON THE PLANS OR AS OTHERWISE SPECIFIED.
 - SUPPLY DIFFUSERS ARE SHOWN, RETURN GRILLES ARE SIMILAR.

3 AIR OUTLET CONNECTION DETAILS
M-001 SCALE: NTS



2 KEY PLAN
M-001 SCALE: NTS

No.	Revision	Date	By
0	ISSUED FOR CONSTRUCTION	04/14/2021	MP

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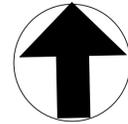
Project: **BERNICE SPRECKMAN COMMUNITY CENTER ADA UPGRADES**
777 MCLEAN AVENUE, YONKERS, NY 10701

Drawing Title: **MECHANICAL NOTES, SYMBOLS, ABBREVIATIONS, AND DETAILS**

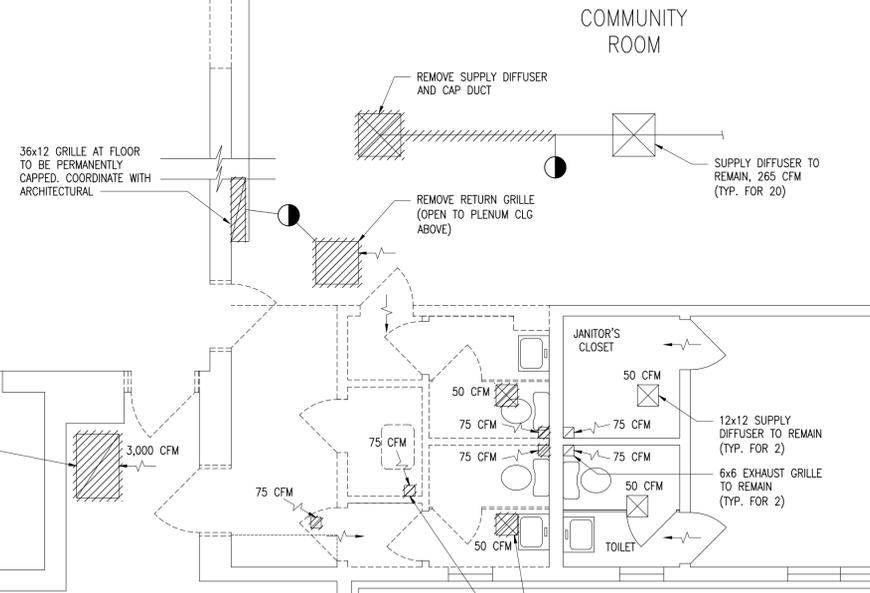
Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	MP	MP	KM

Seal: STATE OF NEW YORK
EDWARD P. JACOB
REGISTERED PROFESSIONAL ENGINEER
10009

Project No.: 2016721.00
Drawing No.: M-001
Sheet 9 of 19



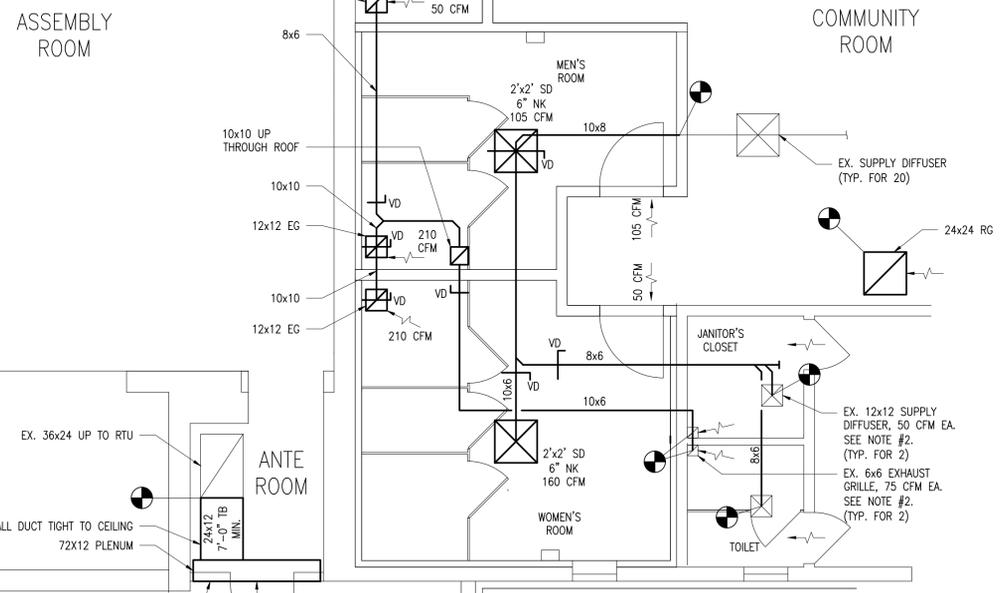
PLAN NORTH



NOTES:

1. PRIOR TO PERFORMING ANY WORK ON THE EXISTING SYSTEM, RECORD THE AIRFLOWS AT EACH SUPPLY DIFFUSER CONNECTED TO THE RTU SUPPLYING THE MULTI-PURPOSE ROOM AND ADJACENT OFFICES (APPROXIMATELY 20 DIFFUSERS, 3,800 SF FLOOR AREA). SUBMIT A REPORT OF THE FINDINGS WITH A SKETCH SHOWING THE LOCATION OF EACH MEASUREMENT.
2. SURVEY THE EXISTING DUCTWORK LAYOUT PRIOR TO DEMOLITION TO ENSURE THAT AIR OUTLETS WHICH ARE NOT TO BE REMOVED REMAIN FUNCTIONAL. NO DEAD ENDS IN DUCTWORK SHALL REMAIN. DEMOLISH EXISTING SUPPLY DIFFUSERS AND EXHAUST GRILLES WHERE INDICATED AND REMOVE ASSOCIATED BRANCH DUCTWORK BACK TO MAIN.
3. DEMOLISH EXISTING SUPPLY DIFFUSERS AND EXHAUST GRILLES WHERE INDICATED AND REMOVE ASSOCIATED BRANCH DUCTWORK BACK TO MAIN.

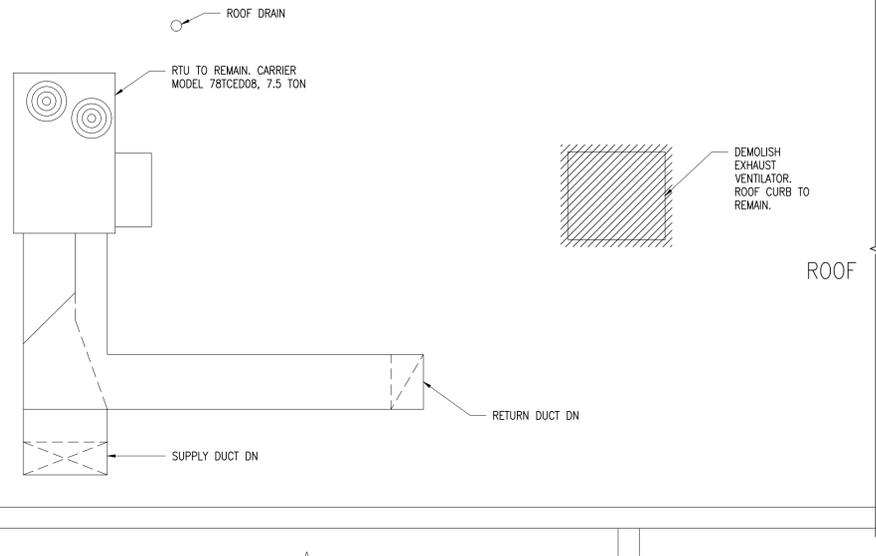
1 FIRST FLOOR RESTROOM PART. PLAN - DEMOLITION
M-101 SCALE: 1/4" = 1'-0"



NOTES:

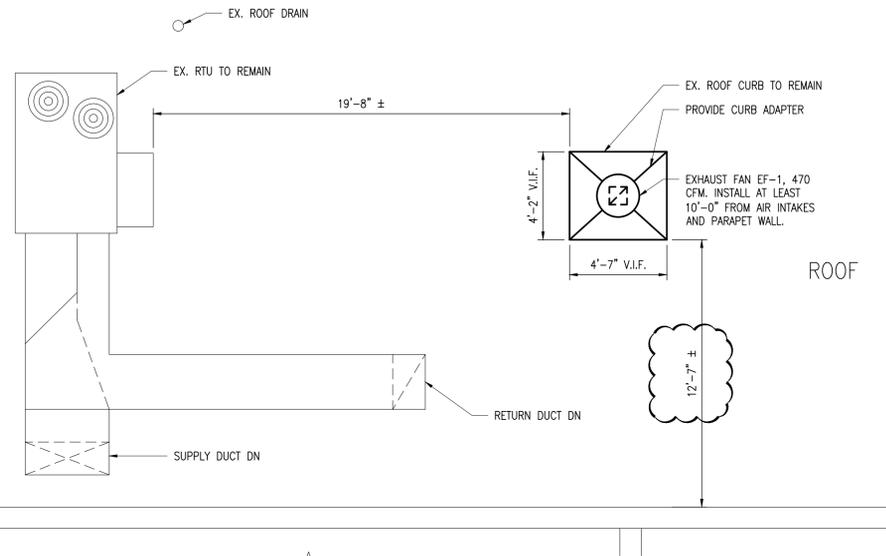
1. BALANCE THE ENTIRE SYSTEM INCLUDING THE MULTI-PURPOSE ROOM, TOILETS, AND ADJACENT OFFICES. USE THE SPECIFIED AIRFLOWS WHERE INDICATED, OR THOSE AIRFLOWS MEASURED DURING THE INITIAL BALANCING REPORT FOR EXISTING DIFFUSERS.
2. PROVIDE DUCTWORK AS SHOWN AND CONNECT TO THE EXISTING GRILLES OR DIFFUSERS.

2 FIRST FLOOR RESTROOM PART. PLAN
M-101 SCALE: 1/4" = 1'-0"



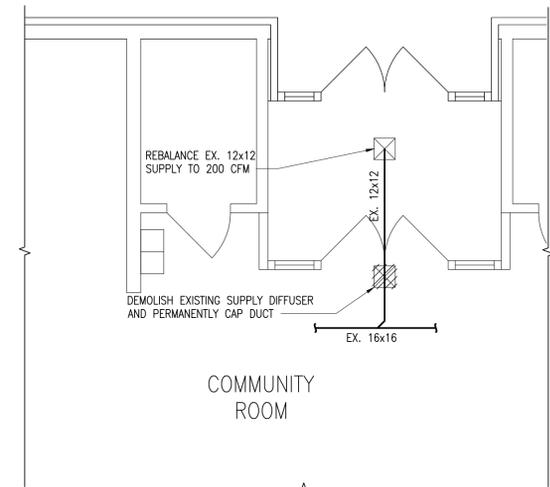
3 ROOF PART. PLAN - DEMOLITION
M-101 SCALE: 1/4" = 1'-0"

- NOTES:
1. PROVIDE TEMPORARY PROTECTION FOR THE EXISTING ROOFING THROUGHOUT THE DURATION OF THE WORK. THE ROOF OPENING SHALL BE COVERED AT ALL TIMES TO PREVENT RAIN INFILTRATION.



4 ROOF PART. PLAN
M-101 SCALE: 1/4" = 1'-0"

- NOTES:
1. PATCH EXISTING ROOFING TO MATCH EXISTING MATERIALS WHERE AFFECTED BY THE WORK. ANY LEAKS OR DEFECTS RESULTING FROM THE WORK OF THIS CONTRACT SHALL BE REPAIRED IMMEDIATELY.
 2. PROVIDE TEMPORARY PROTECTION FOR THE EXISTING ROOFING THROUGHOUT THE DURATION OF THE WORK. THE ROOF OPENING SHALL BE COVERED AT ALL TIMES TO PREVENT RAIN INFILTRATION.



5 FIRST FLOOR ENTRANCE PART. PLAN
M-101 SCALE: 1/4" = 1'-0"

No.	Revision	Date	By
0	ISSUED FOR CONSTRUCTION	04/14/2021	MP

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Project **BERNICE SPRECKMAN COMMUNITY CENTER ADA UPGRADES**
777 MCLEAN AVENUE, YONKERS, NY 10701

Drawing Title
MECHANICAL PLANS

Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	MP	MP	KM

Seal Project No. 2016721.00

Drawing No. **M-101**

GENERAL NOTES

- THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE PREMISES AND TO HAVE COMPARED THEIR OBSERVATIONS WITH THE DRAWINGS AND SPECIFICATIONS, AND TO HAVE VERIFIED THE EXISTING CONDITIONS THROUGHOUT THE BUILDING. LATER CLAIMS MADE BY THE CONTRACTOR FOR HAVING INCURRED EXTRA COSTS SHALL NOT BE CONSIDERED WITHOUT FIRST SECURING SUFFICIENT PROOF IN SUPPORT OF EVIDENCE OF SUCH EXTRA CLAIMS. IT IS THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AREAS WHERE INSUFFICIENT INFORMATION IS AVAILABLE, OR WHERE IT CAN BE DOCUMENTED WITH PHOTOS, AND OTHER SUPPORTING INFORMATION THAT SUCH EVIDENCE WAS BEYOND THE MEANS OF THE CONTRACTOR AS JUDGED BY THE OWNER. FINAL JUDGMENT FOR SUCH CLAIMS SHALL BE BY THE OWNER.
- VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD, AND BE RESPONSIBLE FOR THE SAME PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER, THE ARCHITECT AND THE ENGINEER ON RECORD.
- ALL ELECTRICAL WIRING SHALL ADHERE TO THE LATEST REVISION OF BOTH NATIONAL ELECTRICAL CODE AND THE NEW YORK STATE BUILDING CODES.
- ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE AND MOST RECENT EDITION OF THE STATE AND LOCAL CODES AND SHALL MEET THE REQUIREMENTS OF ALL OTHER AUTHORITIES, ORGANIZATIONS AND GOVERNMENT AGENCIES HAVING JURISDICTION.
- THE WORK OF THIS CONTRACT IS TO BE PERFORMED WITH A HIGH LEVEL OF QUALITY. WORK WHICH IS, IN THE OPINION OF DESIGNATED REPRESENTATIVE NOT IN COMPLIANCE WITH THE HIGHEST RECOGNIZED INDUSTRY STANDARD FOR WORKMANSHIP OR WORK WHICH HAS BEEN DAMAGED BY FACILITY WORKMANSHIP, WILL BE REMOVED AND REPLACED, OR REPAIRED TO THE SATISFACTION OF THE OWNER.
- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO COMPLETE THE WORK DESCRIBED HEREIN AND/OR AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER CONSTRUCTION SHALL BE INCLUDED AS IF THEY WERE ON THE DRAWINGS.
- THE LOCATIONS SHOWN ON THE DRAWINGS INDICATE INTENT AND SHALL BE VERIFIED IN THE FIELD.
- ALL HOLES MADE BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE PROPERLY PATCHED AND REPAIRED. ALL CONDUIT PENETRATIONS THROUGH FLOORS AND WALLS SHALL BE SEALED.
- THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- THE CONTRACTOR SHALL PROVIDE ALL PHYSICAL PROTECTION REQUIRED TO PROTECT ALL EQUIPMENT DURING CONSTRUCTION.
- WHERE CONDUIT ROUTING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ROUTING OF POWER BRANCH CIRCUITS WILL BE AT THE CONTRACTOR'S DISCRETION AND THE OWNER APPROVAL IN ACCORDANCE WITH CODES AND SPECIFICATIONS.

ABBREVIATIONS

A	AMPERE	LP	120/208V PANEL
AC	ALTERNATING CURRENT	LS	LOUDSPEAKER
ACS	ADMINISTRATIVE CONTROL STATION	LTG	LIGHTING
ADA	AMERICANS WITH DISABILITIES ACT	MATV	MASTER TELEVISION
AFB	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTER
ARCH	ARCHITECTURAL	MECH	MECHANICAL
ATS	AUTOMATIC TRANSFER SWITCH	MER	MECHANICAL EQUIPMENT ROOM
A/C	AIR CONDITIONING	MIC	MICROPHONE
C	CONDUIT	MTD	MOUNTED
CAB	CABINET	N	NEUTRAL
CLG	CEILING	N.C.	NORMALLY CLOSED
CB	CIRCUIT BREAKER	N.O.	NORMALLY OPEN
CKT(S)	CIRCUIT(S)	O & R	ORANGE AND ROCKLAND
COL	COLUMN	P	POLE(S)
DWG	DRAWING	PB	PULL BOX
EC	EMPTY CONDUIT	PNL	PANEL
ELEC	ELECTRIC	PP	277/480V PANEL
EMR	ELEVATOR MECHANICAL ROOM	RC	REMOTE CONTROL
EMT	ELECTRIC METALLIC TUBING	SP	SPARE
EXH	EXHAUST	SSB	SOLID STATE BALLAST
EXIST	EXISTING	STD	STANDARD
FATB	FIRE ALARM TERMINAL BOX	SW	SWITCH
FL	FLOOR	SWBD	SWITCHBOARD
G	GUARD	TEL	TELEPHONE
GND	GROUND	TV	TELEVISION
GFI	GROUND FAULT INTERRUPTER	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	V	VOLT
IG	ISOLATED GROUND	W	WATT
JB	JUNCTION BOX	WP	WEATHERPROOF
KVA	KILOVOLT AMPERE		
KW	KILOWATT		
KWH	KILOWATT HOUR		

INSTALLATION NOTES

- CONTRACTOR SHALL PERMANENTLY FASTEN ALL THE EQUIPMENT AS INDICATED ON THE DRAWINGS IN AN APPROVED MANNER, WITH ALL NECESSARY HARDWARE.
- CONTRACTOR SHALL PROVIDE ALL CONDUITS, WIRING, OUTLET BOXES AND ALL ACCESSORIES NECESSARY TO COMPLETE THE WIRING TO ALL COMPONENTS OF THE SYSTEM. ALL CONNECTIONS SHALL BE MADE COMPLETE AND TESTED.

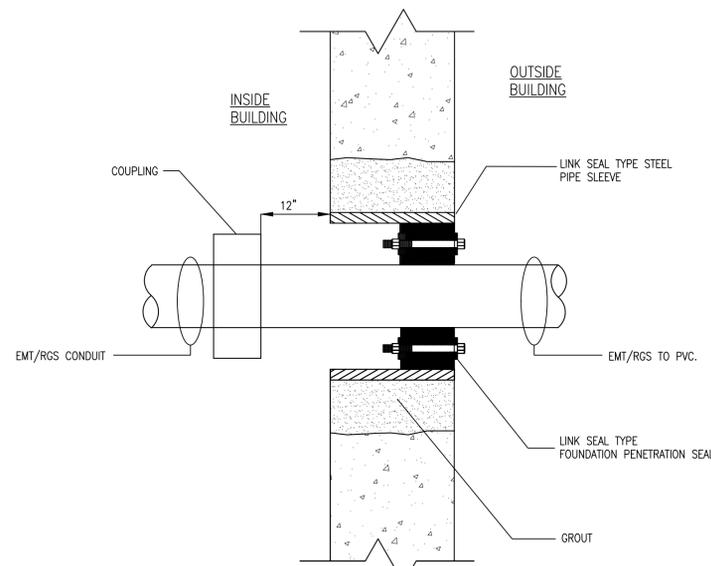
SYMBOL LIST

	DUPLEX RECEPTACLE 125V, 20A (NEMA 5-20R)
	JUNCTION BOX - WALL MOUNTED
	TO BE DEMOLISHED
	LIGHTING SWITCH
	PANELBOARD
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR SWITCH
	HOMERUN
	WALL MOUNTED EXIT SIGN LIGHT
	TOGGLE TYPE DISCONNECT SWITCH
	JUNCTION BOX
	FIRE ALARM PULL STATION

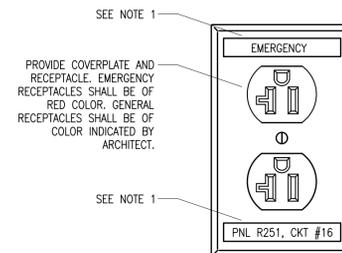
LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTS.	MANUFACTURER/MODEL BASE BID	COMMENTS
F1	2'X2' VT SERIES VOLUMETRIC LED TROFFER	RECESSED	LED	MVOLT	LITHONIA 2VTL-MVOLT OR APPROVED EQUAL	PROVIDE EM BATTERY BACK UP WHERE NOTED ON PLANS
F2	2'X2' VTLX SERIES VOLUMETRIC LED SURFACE	SURFACE	LED	MVOLT	LITHONIA 2VTLX2 OR APPROVED EQUAL	PROVIDE EM BATTERY BACK UP WHERE NOTED ON PLANS

- CONTRACTOR SHALL COORDINATE ALL THE MOUNTING REQUIREMENTS WITH THE ARCHITECT AND THE MANUFACTURERS CATALOG SHEET. PROVIDE AND INSTALL ALL BRACKETS AND MOUNTING HARDWARE FOR A COMPLETE INSTALLATION.
- COORDINATE ALL FINISHES WITH THE ARCHITECT.



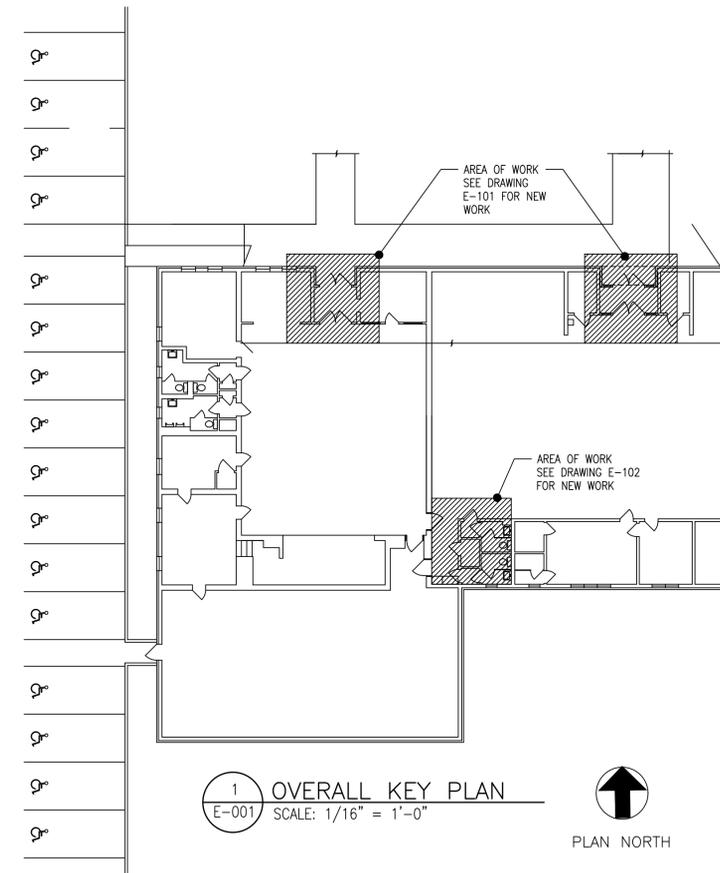
1 CONDUIT PENETRATION THRU FOUNDATION WALL
SCALE: NTS



NOTES:

- AT A MINIMUM, ELECTRICAL CONTRACTOR SHALL PROVIDE TYPED LABELS WITH PTOUCH MACHINE TO INDICATE PANEL NAME AND CIRCUIT NUMBER. PROVIDE 'EMERGENCY' TYPED LABEL FOR CIRCUITS CONNECTED TO EMERGENCY PANELS. COORDINATE EXACT NAMING WITH FACILITY'S PERSONNEL. IF FACILITY STANDARD IS ENGRAVED COVERPLATES, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ENGRAVED COVERPLATES TO MATCH FACILITY REQUIREMENTS.

2 TYPICAL RECEPTACLE LABELING
SCALE: NTS



1 OVERALL KEY PLAN
E-001 SCALE: 1/16" = 1'-0"



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Project **BERNICE SPRECKMAN COMMUNITY CENTER ADA UPGRADES**
777 MCLEAN AVENUE, YONKERS, NY 10701

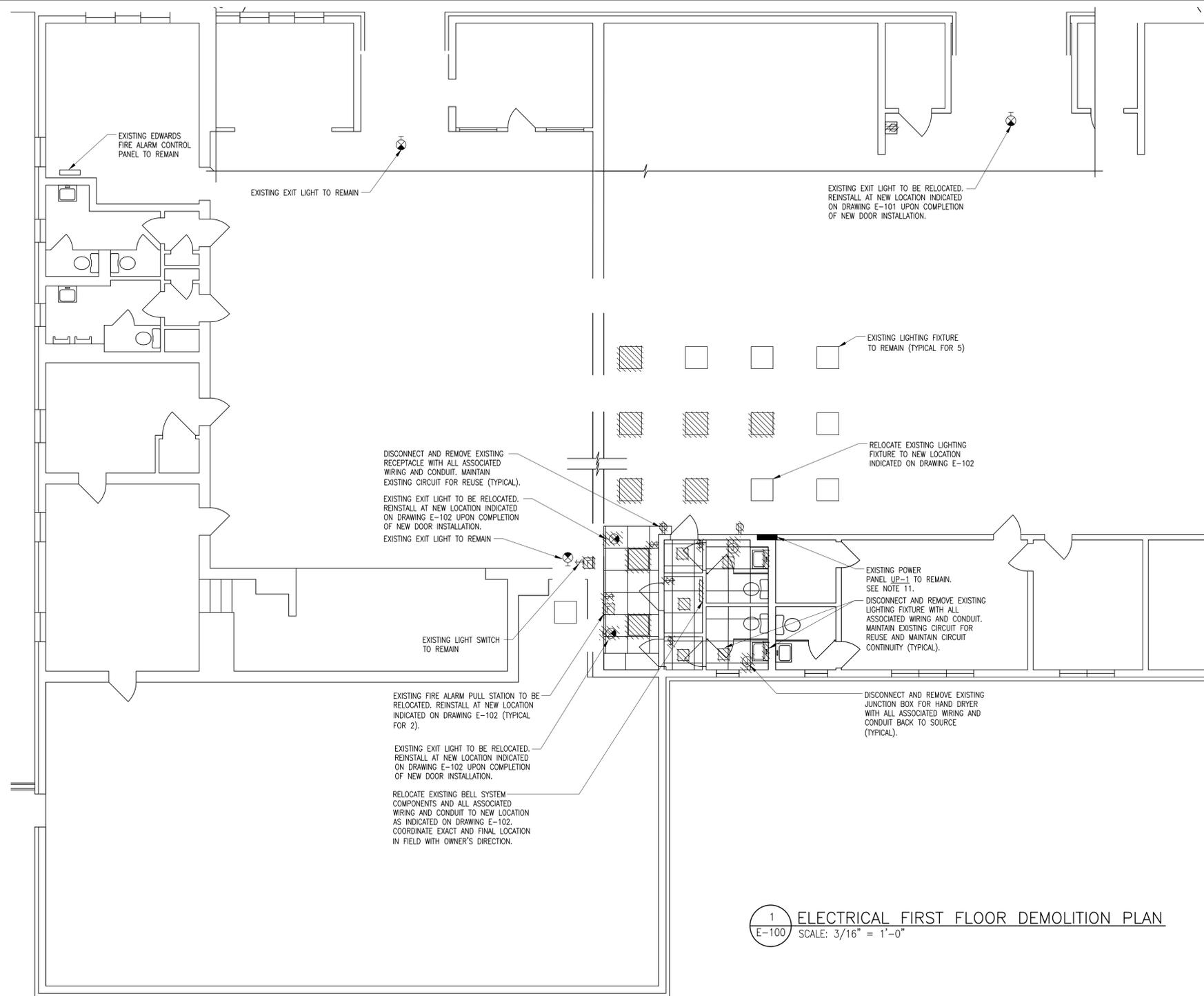
Drawing Title
ELECTRICAL SYMBOLS, NOTES, DETAILS AND ABBREVIATIONS

Date	Scale	Designed By	Drawn By	Checked By
07/13/2016	AS SHOWN	FC	FC	KM

Seal Project No. 2016721.00

Drawing No. E-001

Sheet 11 of 19



1 ELECTRICAL FIRST FLOOR DEMOLITION PLAN
E-100 SCALE: 3/16" = 1'-0"

DEMOLITION NOTES:

- THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF ELECTRICAL WORK AS DESCRIBED IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT.
- THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL AND ELECTRICAL LAYOUTS IN FULL COORDINATION WITH THE ARCHITECT'S DEMOLITION PLANS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE DE-ENERGIZED AND DISCONNECTED AT THE SOURCE OF POWER SUPPLY.
- THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE WITH FUNCTIONING ELECTRICAL SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
- DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.
- THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL OUTLETS, SWITCHES AND OTHER DEVICES, COMPLETE WITH ASSOCIATED WIRING, CONDUITS, ETC., FROM PARTITIONS THAT ARE TO BE REMOVED. WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING WIRING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL JUNCTION BOXES AND OTHER DEVICES AND PROVIDE BYPASS CONNECTIONS NECESSARY TO MAKE CIRCUITS AFFECTED CONTINUOUS AND READY FOR OPERATION. OTHERWISE, WIRING SHALL BE REMOVED BACK TO THE NEAREST ELECTRICAL JUNCTION BOX THAT IS TO REMAIN OR TO PANELBOARD.
- ALL RACEWAYS WHICH BECOME EXPOSED DURING THE ALTERATION WORK SHALL BE REMOVED AND REROUTED CONCEALED BEHIND FINISHED SURFACES.
- ALL UNUSED OUTLET BOXES OR CAPPED FLOOR OUTLETS SHALL BE PROVIDED WITH MATCHING BLANK COVERS.
- PORTIONS OF FEEDER RUNS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ENERGIZED, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED AND RECONNECTED. NEW FEEDER EXTENSIONS SHALL MATCH EXISTING ONES IN ALL RESPECTS, CABLE TYPE, CONDUCTOR AMPACITY, CONDUIT SIZES, ETC.
- ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THE ELECTRICAL CONTRACTOR, AS DIRECTED BY THE OWNER.
- MAINTAIN CIRCUIT CONTINUITY FOR ALL REMOVED AND/OR RELOCATED DEVICES.
- THE CONTRACTOR SHALL INVESTIGATE THE EXISTING PANEL TO CLEARLY LABEL WHAT IS EXISTING AND WHAT IS NEW ON A NEW PROVIDED DIRECTORY. REPAIR AND REPLACE ANY DAMAGED OR INOPERABLE BREAKERS. PROVIDE AN ADD ALTERNATE SEPARATE PRICE FOR REPLACING PANEL INTERIOR IN KIND WITH NEW.

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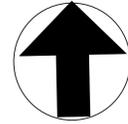
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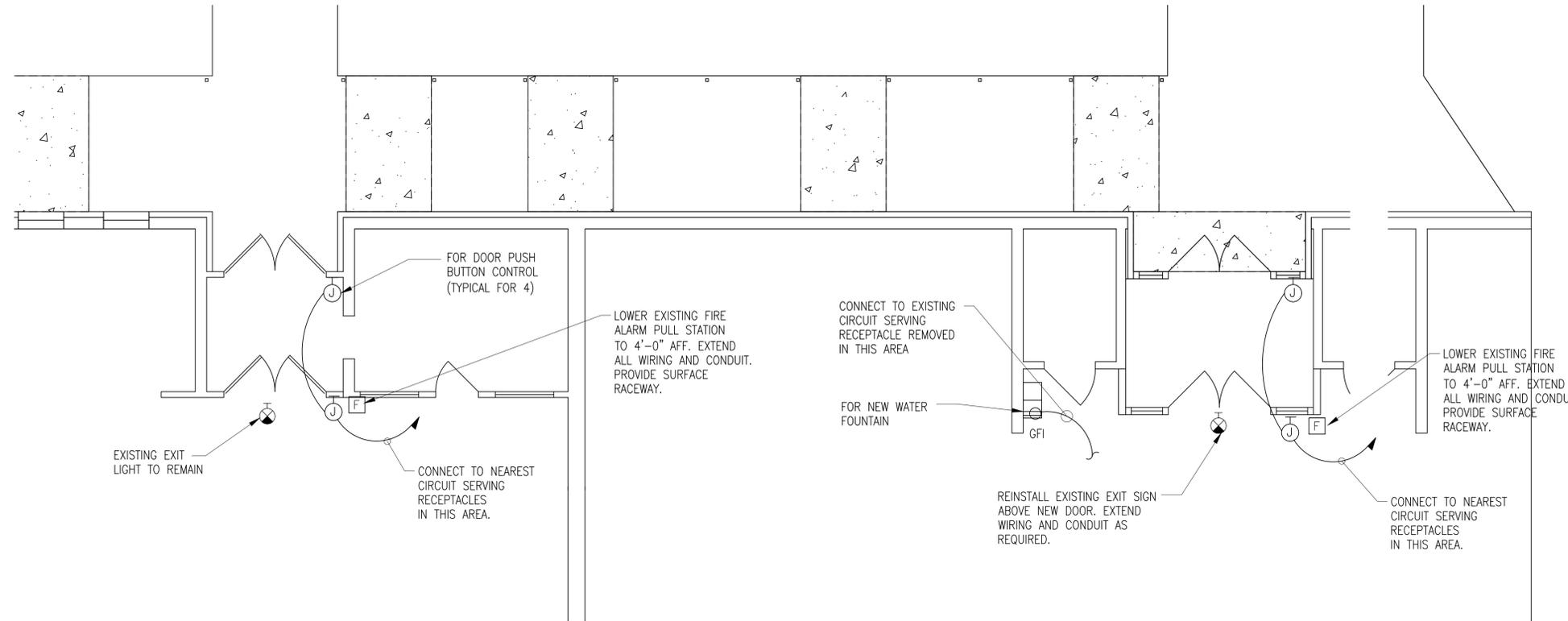
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Drawing Title
ELECTRICAL DEMOLITION PLAN

Date	Scale	Designed By	Drawn By	Checked By
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Seal	Project No. 2016721.00			
	Drawing No. E-100			
	Sheet 12 of 19			



PLAN NORTH



1 ELECTRICAL FIRST FLOOR POWER PLAN
 E-101 SCALE: 1/4" = 1'-0"

INSTALLATION NOTES:

- UNLESS OTHERWISE NOTED, ALL NEW WIRING SHALL BE 2#12+1#12G IN 3/4" CONDUIT.
- PROVIDE ALL ADDITIONAL REQUIRED WIRING AND CONDUIT TO EXTEND RELOCATED DEVICES TO NEW LOCATIONS AS INDICATED.
- PROVIDE ADDITIONAL PUSH BUTTON CONTROLS AT EXTERIOR SIDE OF DOORS AND CONNECT TO SAME JUNCTION BOXES SERVING INTERIOR PORTION.

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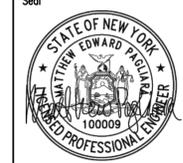
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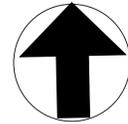
Drawing Title
ELECTRICAL INSTALLATION POWER PLAN

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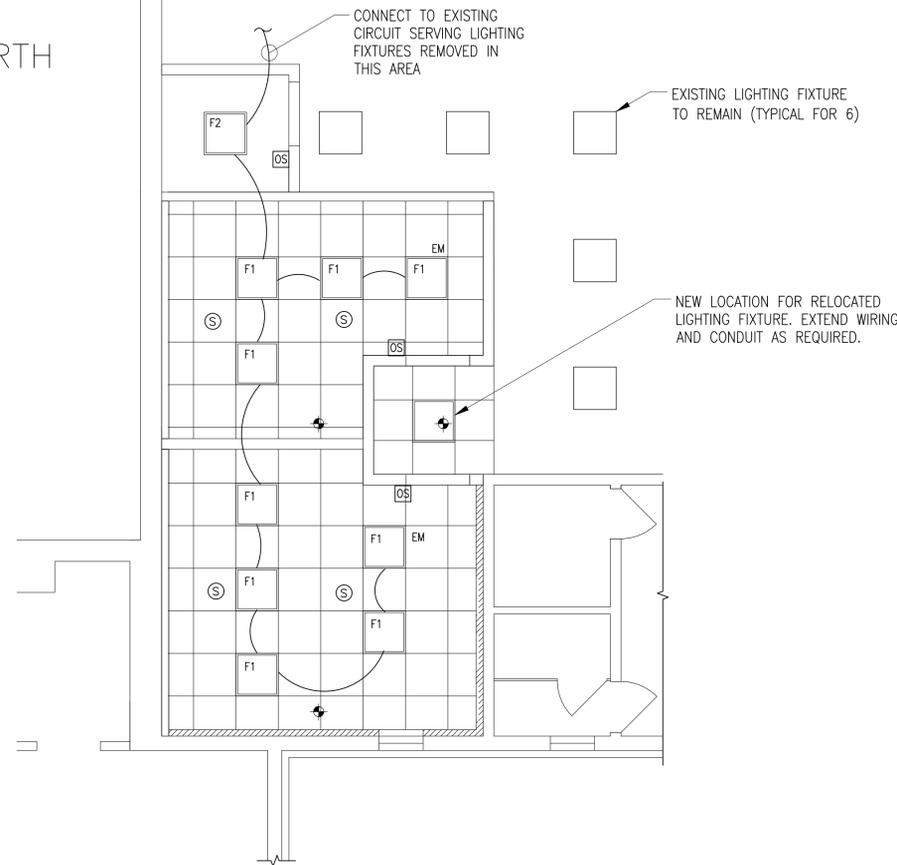
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 Project No.
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Drawing No.
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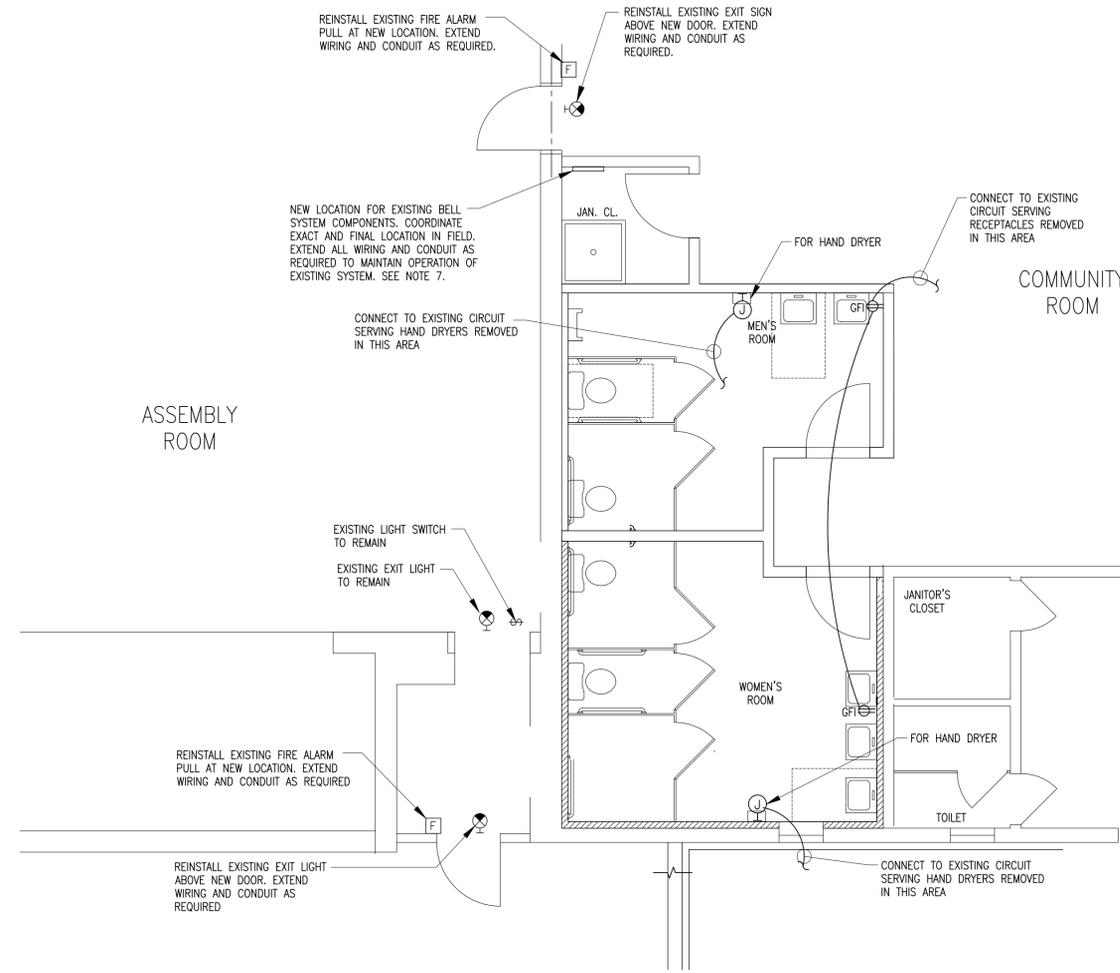




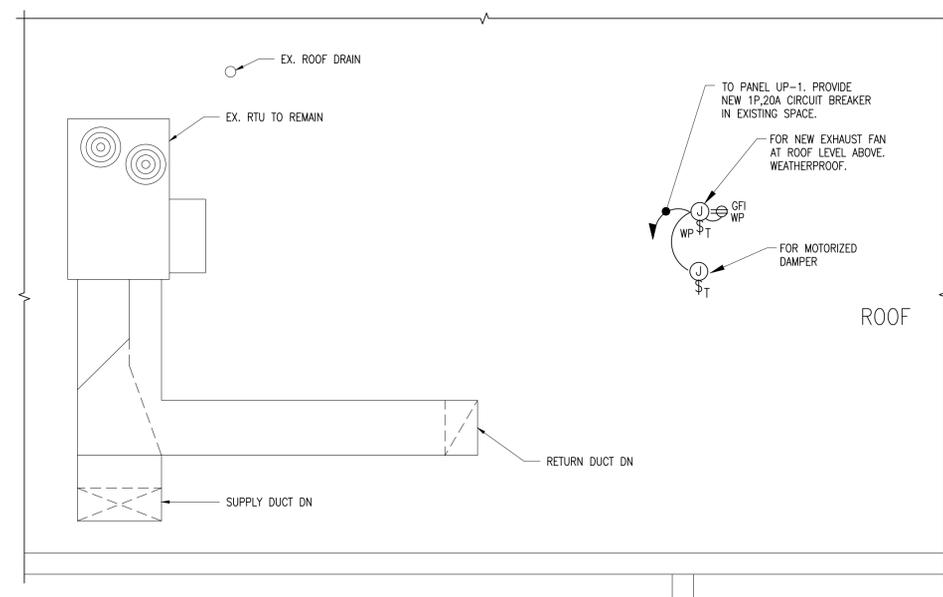
PLAN NORTH



1 FIRST FLOOR RESTROOM PART. PLAN
E-102 SCALE: 1/4" = 1'-0"



2 FIRST FLOOR RESTROOM PART. PLAN
E-102 SCALE: 1/4" = 1'-0"



3 ROOF PART. PLAN
E-102 SCALE: 1/4" = 1'-0"

INSTALLATION NOTES:

- UNLESS OTHERWISE NOTED, ALL NEW WIRING SHALL BE 2#12+1#12G IN 3/4" CONDUIT.
- ALL EXTERIOR RUNS SHALL BE IN RIGID GALVANIZED STEEL CONDUIT.
- PROVIDE ALL ADDITIONAL REQUIRED SENSORS FOR OPTIMAL COVERAGE AND PROVIDE ALL REQUIRED POWER PACKS OR CABLING NEEDED FOR A FULLY OPERATIONAL LIGHTING CONTROL SYSTEM.
- SEAL ALL ROOF PENETRATIONS TO WATERTIGHT CONDITION.
- COORDINATE WITH OTHER TRADES FOR EQUIPMENT TO BE PROVIDED AND INSTALLED BY OTHER TRADES.
- PROVIDE A NEW FIRE ALARM STROBE LIGHT IN EACH BATHROOM. PROVIDE A NEW STROBE EXPANDER BOOSTER PANEL ADJACENT TO THE EXISTING FIRE ALARM CONTROL PANEL LOCATED IN THE MAIN ELECTRICAL ROOM. PROVIDE POWER TO THE NEW EXPANDER PANEL VIA A SPARE 1P,20A LOCKABLE CIRCUIT BREAKER FROM THE NEAREST POWER PANEL. PROVIDE ALL REQUIRED PROGRAMMING, CABLING, CONDUIT, ETC FOR A FULLY FUNCTIONAL SYSTEM. ESTABLISH A NEW CENTRAL STATION CONNECTION TO THE NEW STROBE EXPANDER PANEL WITH TWO (2) DEDICATED LINES. THE CONTRACTOR SHALL INCLUDE IN THEIR BIDS ALL ADDITIONAL REQUIRED CONNECTIONS, COMPONENTS, AND ADDITIONAL APPURTENANCES REQUIRED FOR A COMPLETE SYSTEM. THE CONTRACTOR SHALL HIRE THE EXISTING BUILDING VENDOR TO ASSIST AND COMPLETE ALL PROGRAMMING AND FINAL TERMINATIONS.
- THE CONTRACTOR SHALL ENSURE ALL EQUIPMENT RELOCATED TO THIS NEW SPACE IS FULLY TRACED OUT, TAGGED, AND INVESTIGATED AS REQUIRED TO COMPLETE THE RELOCATION. DISCONNECT AND REMOVE ALL INACTIVE EQUIPMENT, WIRING, CABLING, AND CONDUIT BACK TO ITS EXISTING SOURCE. PROVIDE ALL TEMPORARY CONNECTIONS AND EQUIPMENT TO ENSURE SERVICE TO THESE SYSTEMS ARE FULLY COORDINATED.

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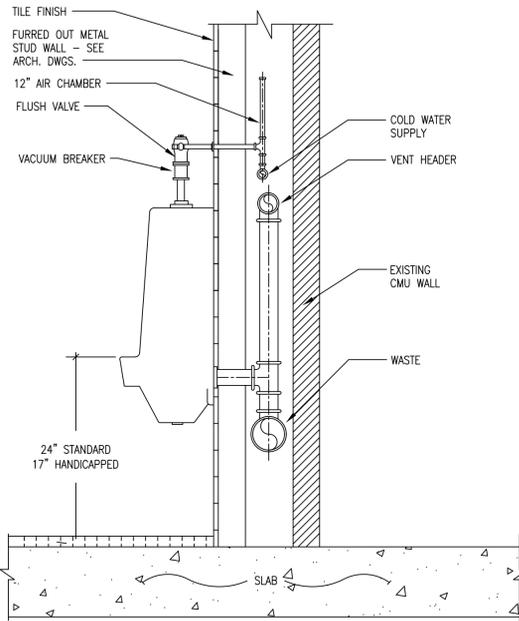
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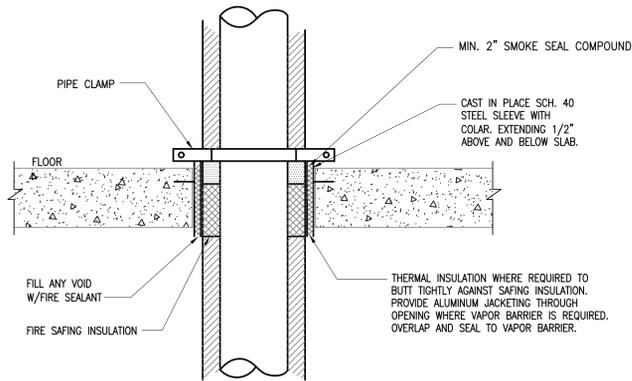
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Drawing Title
ELECTRICAL POWER AND LIGHTING PLANS

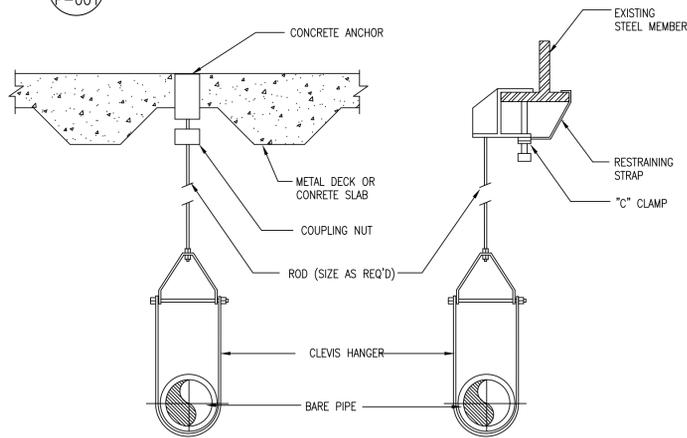
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	Drawing No. E-102			
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1 TYPICAL URINAL PIPING DETAIL
P-001 SCALE: NTS

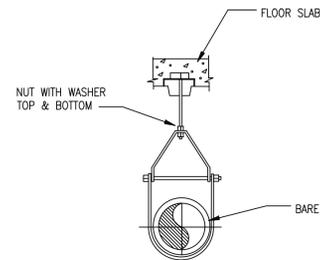


4 FLOOR PENETRATION DETAIL
P-001 SCALE: NTS

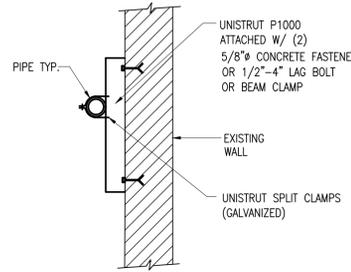


NOTE:
CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1", GENERAL PURPOSE HANGERS MAY BE USED ON 1" PIPING ONLY.

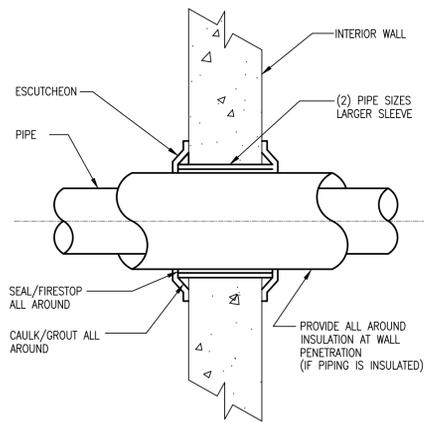
6 TYPICAL HANGER
P-001 SCALE: NTS



2 CLEVIS HANGER
P-001 SCALE: NONE



3 WALL SUPPORT
P-001 SCALE: NTS



5 TYPICAL WALL PENETRATION
P-001 SCALE: NTS

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.J.	AUTHORITY HAVING JURISDICTION
CL OR C	CENTER LINE
CLG.	CEILING
COL.	COLUMN
CONN.	CONNECTION
CONT.	CONTINUED
DIA., Ø	DIAMETER
DN.	DOWN
DWG.	DRAWING
ELEV.	ELEVATION
F.F./FIN. FLR.	FINISHED FLOOR
FLR.	FLOOR
G.P.M.	GALLONS PER MINUTE
G.P.H.	GALLONS PER HOUR
MAX.	MAXIMUM
MIN.	MINIMUM
NC	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
PRESS.	PRESSURE
P.S.I.	POUNDS PER SQUARE INCH
S.F./SQ. FT.	SQUARE FEET
STD.	STANDARD
TYP.	TYPICAL
D	DRAIN PIPE
HP	HORSE POWER
OD	OUTSIDE DIAMETER
TYP.	TYPICAL
V.I.F.	VERIFY IN FIELD
OC	ON CENTER

LEGEND

	EXISTING TO BE REMOVED
	SANITARY PIPING
	VENT PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	GATE VALVE
	CHECK VALVE
	BALL VALVE
	FLOW SENSOR/SWITCH
	CONNECT TO EXISTING
	PIPE DROPPING DOWN
	PIPE RISING UP
	PIPE BOTTOM CONNECTION
	PIPE TOP CONNECTION
	DETAIL 3, DRAWING P-5

GENERAL NOTES

- CONTRACTOR TO COMPLY WITH THE 2010 NYS BUILDING CODE AND ADAPTED APPENDICES, LOCAL PLUMBING CODES AND ALL AUTHORITIES HAVING JURISDICTION.
- PROVIDE LABOR, MATERIALS, TOOLS, MACHINERY, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT. ALL SYSTEMS AND EQUIPMENT SHALL BE COMPLETE IN EVERY ASPECT AND ALL ITEMS OF MATERIAL, EQUIPMENT AND LABOR SHALL BE PROVIDED FOR A FULLY OPERATIONAL SYSTEM AND READY FOR USE. COORDINATE THE WORK WITH THE WORK OF THE OTHER TRADES IN ORDER TO RESOLVE ALL CONFLICTS WITHOUT IMPEDING THE JOB PROGRESS.
- EXAMINE THE DRAWINGS AND OTHER DIVISIONS, AND SECTIONS OF THE SPECIFICATIONS IN ORDER TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO BE COMPLETED UNDER THIS DIVISION. FAILURE TO EXAMINE ALL THE CONTRACT DOCUMENTS FOR THIS PROJECT WILL NOT RELIEVE THIS SECTION AND ANY OTHER SECTIONS OF THEIR RESPONSIBILITIES TO PERFORM THE WORK REQUIRED FOR A COMPLETE FULLY OPERATIONAL AND SATISFACTORY INSTALLATION.
- THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS, EQUIPMENT AND SERVICES, AS SPECIFIED HEREBY. START-UP SERVICES SHALL BE INCLUDED IN THE BID.
- ALL SYSTEMS, EQUIPMENT AND SERVICES SPECIFIED HEREIN SHALL BE PROVIDED COMPLETE AND READY FOR USE. ALL EQUIPMENT, PIPING, ARE NEW, FURNISHED AND INSTALLED BY THIS CONTRACTOR, UNLESS OTHERWISE NOTED.
- INSTALL ACCESS FOR SERVICING AND MAINTENANCE. COORDINATE THE FINAL LOCATION OF CONCEALED EQUIPMENT AND DEVICES REQUIRING ACCESS WITH FINAL LOCATION OF ACCESS PANELS AND DOORS. ALLOW AMPLE SPACE FOR REMOVAL OF ALL PARTS THAT REQUIRE REPLACEMENT OR SERVICING.
- VERIFY FINAL LOCATIONS FOR ROUGH WORK WITH FIELD MEASUREMENTS AND WITH THE REQUIREMENTS OF THE ACTUAL EQUIPMENT BEING CONNECTED.
- PIPING ARE SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPING TO AVOID OBSTRUCTIONS. EXACT LOCATIONS ARE SUBJECT TO APPROVAL OF ARCHITECT. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER TRADES IS REQUIRED.
- ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER AND ALL COMPONENTS TO ALLOW FOR INSTALLATIONS.
- COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SIZE OF SLEEVES TO BE SET IN POURED CONCRETE AND OTHER STRUCTURAL COMPONENTS AS THEY ARE CONSTRUCTED.
- COORDINATE THE INSTALLATION OF MATERIALS AND EQUIPMENT ABOVE GRADE WITH MECHANICAL AND SUPPRESSION SYSTEM, LIGHT FIXTURES, AND ALL OTHER INSTALLATIONS AND ACCESSORIES.
- PROVIDE EQUIPMENT AND SYSTEMS THAT, AS DEFINED HEREIN, SHALL BE QUIET AND FREE OF APPARENT VIBRATION IN OPERATIONS.
- OBTAIN EQUIPMENT THAT IS QUIET IN OPERATION AS COMPARED TO OTHER AVAILABLE EQUIPMENT OF ITS SIZE, CAPACITY, AND TYPE; INSTALL EQUIPMENT SO THAT A MINIMUM AMOUNT OF NOISE AND/OR VIBRATION IS TRANSMITTED TO THE BUILDING; AND FABRICATE THE DUCT SYSTEM SO THAT AIR NOISES GENERATED IN THE SYSTEM ARE HELD TO AN ABSOLUTE MINIMUM.
- PROVIDE A COMPLETE SYSTEM OF VIBRATION ISOLATION FOR EACH ITEM OF HVAC EQUIPMENT AND APPARATUS AS SPECIFIED HEREIN, AS SHOWN ON THE DRAWINGS AND AS NEEDED FOR A COMPLETE AND PROPER INSTALLATION.
- INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES INVOLVING EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.
- THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACE AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER IN THE INTERIOR OR THE EXTERIOR.
- SEAL OPENINGS AROUND PIPING THROUGH PARTITIONS, AND WALLS WITH MINERAL WOOL OR OTHER NONCOMBUSTIBLE MATERIAL.
- ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE, ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR.
- THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, BALANCED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL FOR ALL SYSTEMS.
- PRESSURE TEST WATER SUPPLY SYSTEM 1 1/2 TIMES WORKING PRESSURE FOR 2 HR MIN.

PLUMBING FIXTURE SCHEDULE

SYMBOLS	DESCRIPTION	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	REMARKS	SPECIFICATIONS
P-1	WATER CLOSET	4"	2"	1"	-		AMERICAN STANDARD "MADERA" 3461001.020 WHITE VITREOUS CHINA, 1.28 GALLONS PER FLUSH, FLOOR MOUNTED, ELONGATED BOWL DESIGN, SIPHON JET FLUSHING WITH 1/2" TOP SPUD. INSTALL WITH SLOAN 111-1.28E ROYAL FLUSHMETER, OPEN FRONT SEAT WITH CHECK HINGE.
P-1A	WATER CLOSET (HANDICAPPED FACILITY)	4"	2"	1"	-	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "MADERA" 3461001.020 WHITE VITREOUS CHINA, 1.28 GALLONS PER FLUSH, FLOOR MOUNTED, ELONGATED BOWL DESIGN, SIPHON JET FLUSHING WITH 1/2" TOP SPUD. INSTALL WITH SLOAN 111-1.28E ROYAL FLUSHMETER, OPEN FRONT SEAT WITH CHECK HINGE.
P-2	URINAL	2"	1/2"	3/4"	-	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "WASHBROOK" FLOWISE 6590.501 WHITE VITREOUS CHINA, 0.5 GALLON PER FLUSH, WALL HUNG, WASHOUT DESIGN, ELONGATED RIM, 3/4" TOP SPUD INLET, 2" I.P.S. OUTLET, 3/4" I.P.S. ANGLE STOP WITH BACK-FLOW PROTECTION AND VANDAL-RESISTANT CAP, WALL HANGERS AND STRAINER. AMERICAN STANDARD FLOWISE MANUAL FLUSH VALVE MODEL 6045.051 0.5 GPF. FURNISH WITH WADE HORIZONTAL, ADJUSTABLE CARRIER.
P-3	LAVATORY - WALL MOUNTED	1/2"	1/2"	1/2"	1/2"		AMERICAN STANDARD "LUCERNE" 0355.012 WALL HUNG VITREOUS CHINA LAVATORY WITH 4" CENTERS, CONCEALED ARM SUPPORT, 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT PLUG AND GRID STRAINER. AMERICAN STANDARD INNSBROOK SELECTRONIC 4" CENTERSET METERING FAUCET, INSTALL WITH PWRX 10 YEAR BATTERY POWERED 6053.205 WATER CONSERVING 0.5 GPM PRESSURE-COMPENSATING VANDAL-RESISTANT LAMINAR SPRAY.
P-3A	LAVATORY - WALL MOUNTED (HANDICAPPED FACILITY)	1/2"	1/2"	1/2"	1/2"	SET AT REQUIRED HANDICAPPED HEIGHT	AMERICAN STANDARD "LUCERNE" 0355.012 WALL HUNG VITREOUS CHINA LAVATORY WITH 4" CENTERS, CONCEALED ARM SUPPORT, 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT PLUG AND GRID STRAINER. AMERICAN STANDARD INNSBROOK SELECTRONIC 4" CENTERSET METERING FAUCET, INSTALL WITH PWRX 10 YEAR BATTERY POWERED 6053.205 WATER CONSERVING 0.5 GPM PRESSURE-COMPENSATING VANDAL-RESISTANT LAMINAR SPRAY.
P-4	ELECTRIC WATER COOLER	1/2"	1/2"	1/2"	-	SET AT REQUIRED HANDICAPPED HEIGHT	ELKAY EZSTLBC BI LEVEL ADA COMPLIANT ADULT/CHILD BARRIER FREE COOLER WITH EASY TOUCH PUSH BAR CONTROLS ON FRONT AND SIDE.
P-5	MOP SINK	1/2"	1/2"	3/4"	3/4"		FIAT MODEL TSB 800 24" X 36" PRECAST TERRAZZO BASIN WITH 830AA FAUCET WITH VACUUM BREAKER, PAUL HOOK, SEALANT AND STRAINER.
HB	HOSE BIBB	-	-	3/4"	-		ZURN Z1341-P34 EXPOSED, ANTI-SIPHON, WALL FAUCET COMPLETE WITH Z1399-VB EXTERNAL VACUUM BREAKER, ALL BRONZE INTERIOR COMPONENTS, VANDAL RESISTANT OPERATING STEM, ROUGH BRONZE EXTERIOR AND ASME B1.20.7 3/4" NPS THREADED MALE HOSE CONNECTION.
FD	FLOOR DRAIN	3"	2"	-	-		WADE MODEL W-1100-A6 CAST IRON FLOOR DRAIN WITH CLAMPING COLLAR, TRAP PRIMER CONNECTION AND 6" DIAMETER NICKEL BRONZE TOP.
WCO	WALL CLEANOUT	4"	-	-	-		JAY R. SMITH MODEL 4530 DUCCO CAST IRON CLEANOUT TEE WITH COUNTERSUNK PLUG WITH STAINLESS STEEL ROUND COVER AND SCREW.

NOTE:
ALL PLUMBING FIXTURES MODEL NUMBERS USED ARE AS PER MANUFACTURERS SPECIFICATIONS. FIXTURES OF EQUAL QUALITY AND PERFORMANCE BY AMERICAN STANDARD, TOTO, KOHLER, GERBER, JR. SMITH, WOODFORD, OR OTHERS WILL BE ACCEPTABLE. ALL FIXTURES TO BE WHITE UNLESS OTHERWISE NOTED. PLUMBING FIXTURES WATER USAGE REQUIREMENTS TO FOLLOW CITY OF YONKERS GREEN DEVELOPMENT WORKBOOK.

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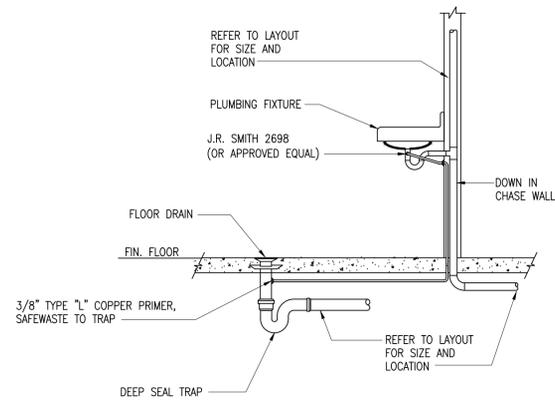
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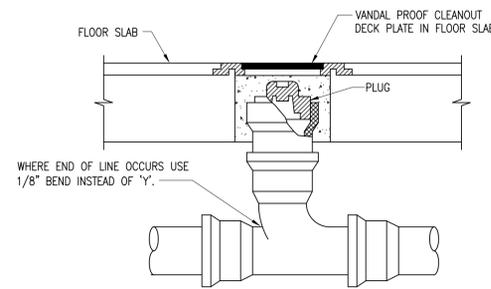
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Drawing Title **PLUMBING DETAILS, SCHEDULES, NOTES AND LEGEND**

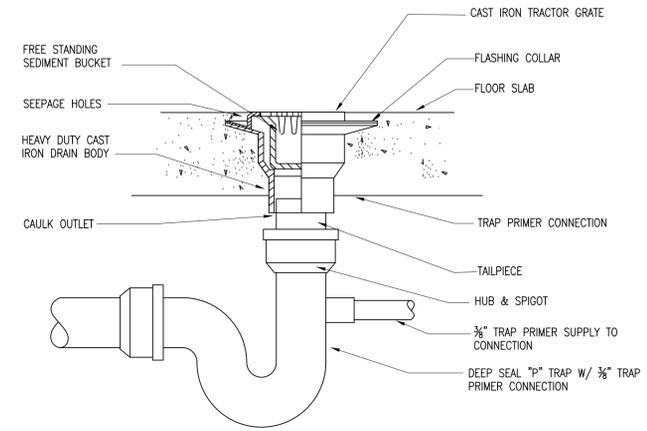
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	Drawing No.	P-001		
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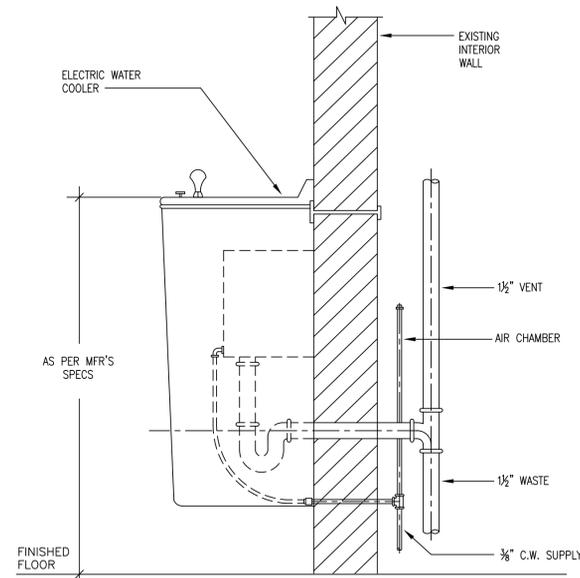
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P-002 SCALE: NTS



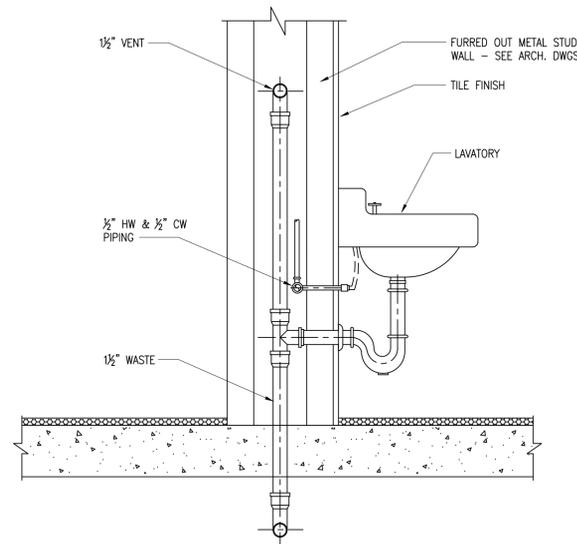
2 TYPICAL FLOOR CLEANOUT DETAIL
P-002 SCALE: NTS



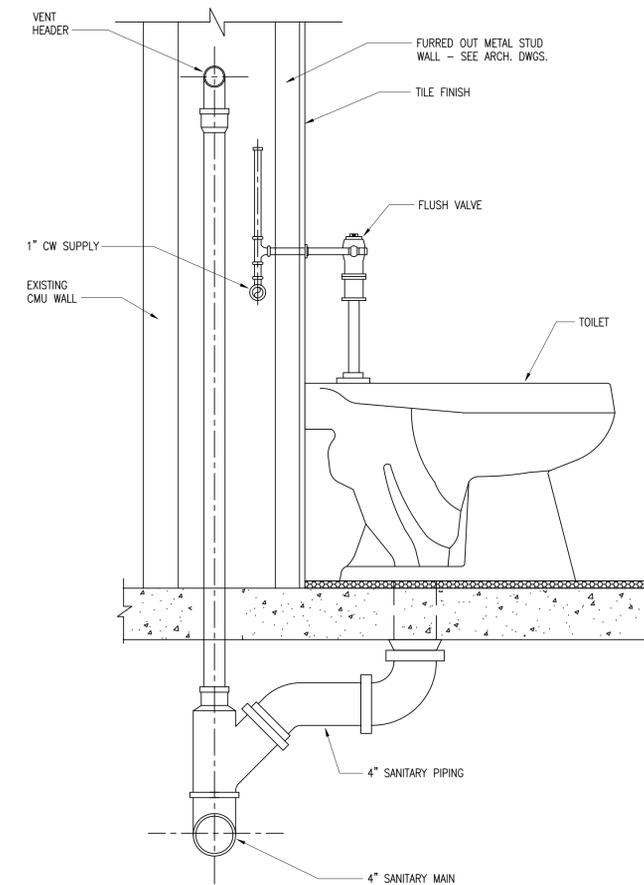
3 FLOOR DRAIN WITH TRAP PRIMER CONNECTION DETAIL
P-002 SCALE: NTS



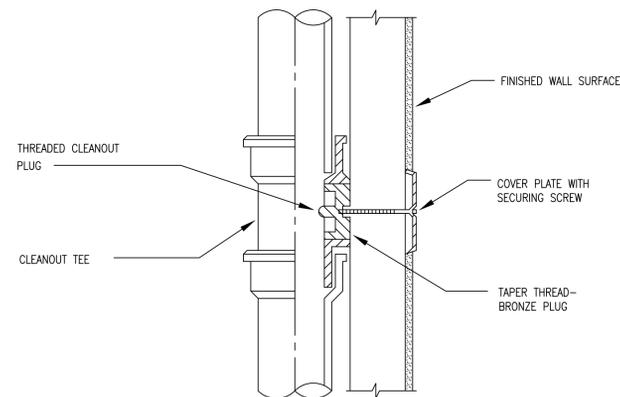
4 SURFACE MOUNTED ELECTRIC WATER COOLER DETAIL
P-002 SCALE: NTS



5 TYPICAL LAVATORY PIPING DETAIL
P-002 SCALE: NTS



6 TYPICAL FLOOR MOUNTED TOILET PIPING DETAIL
P-002 SCALE: NTS



7 WALL CLEANOUT DETAIL
P-002 SCALE: NTS

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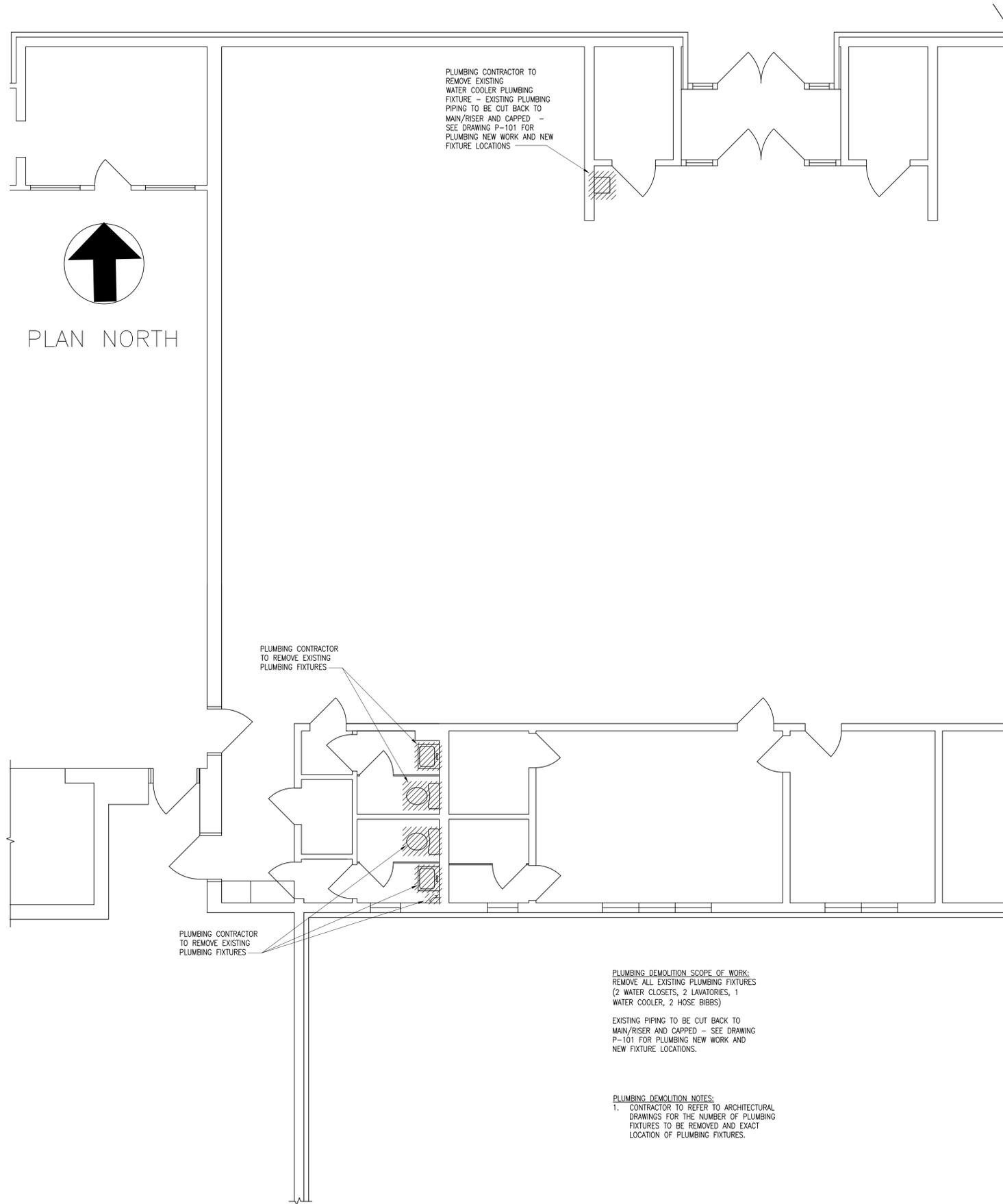
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Drawing Title
PLUMBING DETAILS

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P-002



PLAN NORTH

PLUMBING DEMOLITION NOTES:

1. REMOVE PLUMBING PIPING, FIXTURES, TRIM, FAUCETS, FLUSH VALVES, TRAPS ETC., AS INDICATED BY CROSSHATCHING.
2. THE SCOPE OF DEMOLITION WORK HAS BEEN INDICATED FOR THE CONTRACTOR'S GENERAL INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE FULL SCOPE, EXTENT, NATURE AND MANNER OF DEMOLITION REQUIRED.
3. ONLY WORKMEN SKILLED AND KNOWLEDGEABLE IN THEIR RESPECTIVE TRADES SHALL BE EMPLOYED IN THE DEMOLITION.
4. CONTRACTORS SHALL TAKE SPECIAL CARE TO DEMOLISH ONLY THAT WORK WHICH IS REQUIRED TO BE DEMOLISHED AND NOT TO DISTURB ANY WORK WHICH IS TO REMAIN. IF IN THE COURSE OF THE DEMOLITION, THE CONTRACTOR DESTROYS OR DISTURBS ANY WORK WHICH IS TO REMAIN, THEN HE SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE SUCH WORK AS NECESSARY.
5. THE CONTRACTOR SHALL REMOVE AND DISCARD ALL DEMOLISHED ITEMS IN A MANNER APPROVED BY THE CITY OF YONKERS AND ANY OTHER GOVERNMENT AGENCY.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS PRIOR TO SUBMITTING BIDS AND SHALL REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
7. ALL BUILDING DEPARTMENT PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK.
8. PLUMBING CONTRACTOR SHALL VISIT THE PREMISES PRIOR TO SUBMITTING HIS PROPOSAL AND EXAMINE THE EXISTING AREAS BY THIS WORK TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK.
9. CAP AND SEAL WASTE PIPING AT FITTING NEAREST ACTIVE BRANCH OR MAIN PIPE TO REMAIN.
10. CONTRACTOR SHALL REPAIR DAMAGED OR REMOVED FIREPROOFING RELATED TO HIS WORK.
11. EQUIPMENT TO REMAIN SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION.

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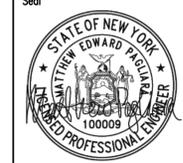
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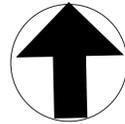
Drawing Title
PLUMBING DEMOLITION PLAN

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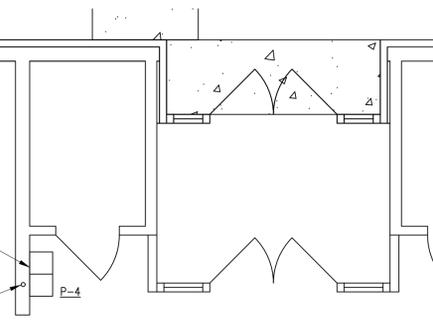
Drawing No.
P-100





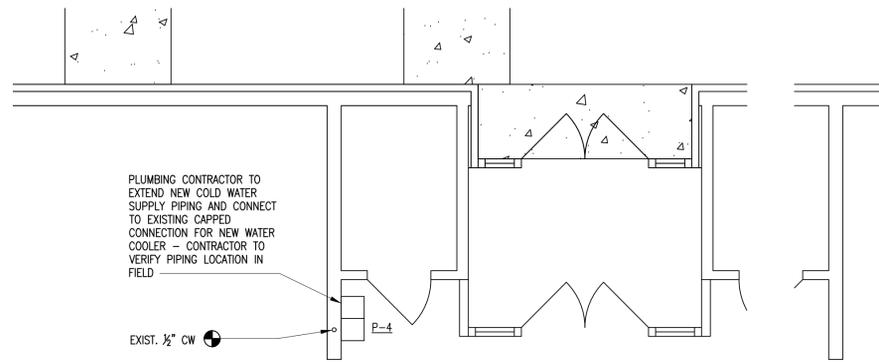
PLAN NORTH

PLUMBING CONTRACTOR TO EXTEND NEW WASTE AND VENT PIPING AND CONNECT TO EXISTING CAPPED CONNECTION FOR NEW WATER COOLER - CONTRACTOR TO VERIFY PIPING LOCATION IN FIELD
EXIST. WASTE DN.
EXIST. VENT UP

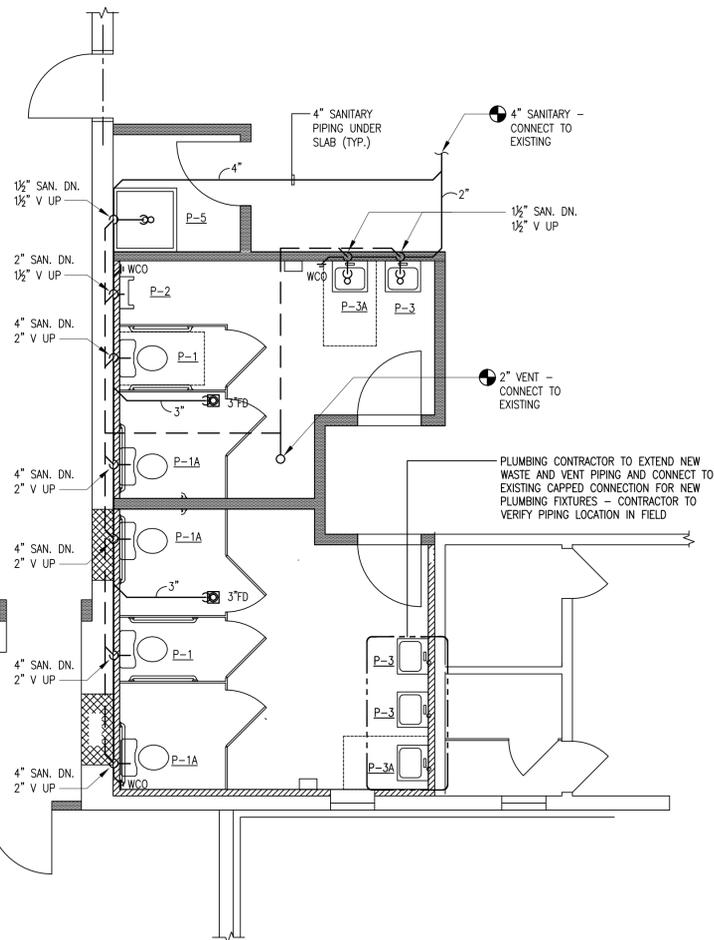


1 PLUMBING NEW WORK PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0"

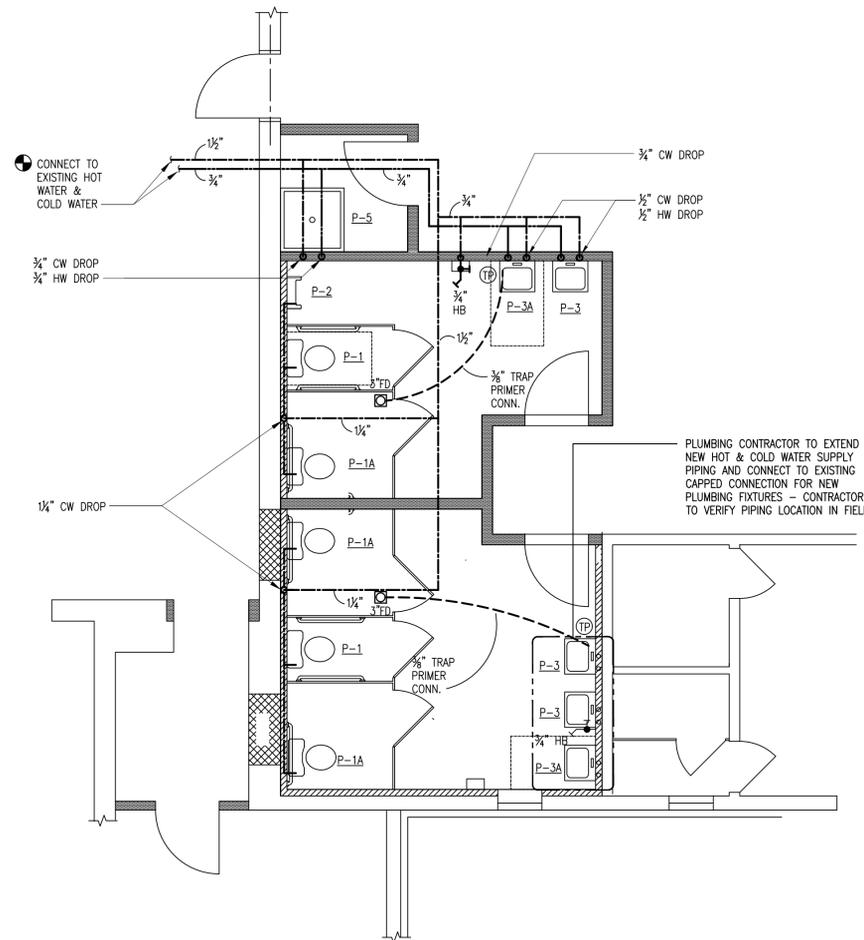
PLUMBING CONTRACTOR TO EXTEND NEW COLD WATER SUPPLY PIPING AND CONNECT TO EXISTING CAPPED CONNECTION FOR NEW WATER COOLER - CONTRACTOR TO VERIFY PIPING LOCATION IN FIELD
EXIST. 1/2" CW



2 PLUMBING NEW WORK PLAN - DOMESTIC WATER
P-101 SCALE: 1/4" = 1'-0"



3 PLUMBING NEW WORK PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0"



4 PLUMBING NEW WORK PLAN - DOMESTIC WATER
P-101 SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE INSTALLATION

NOTES:

- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING WORK. REFER PROBLEMATIC CONDITIONS TO ENGINEER.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK. BASIC DESIGN CONCEPTS INDICATED ARE MINIMAL AND MUST BE FOLLOWED OR BETTERED. DO NOT SCALE DRAWINGS.
- WORK IS NOT SHOWN IN FINITE DETAIL BUT IS INTENDED TO INCLUDE ITEMS NECESSARY FOR COMPLETION AND PROPER OPERATION.
- PROVIDE REQUIRED SUPPORTS AND HANGERS FOR PIPING, FIXTURES AND EQUIPMENT, SO LOADING WILL NOT EXCEED ALLOWABLE LOADINGS.
- ALL SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK.
- FIXTURES (GENERAL): TO COMPLETE WITH TRIMMINGS AND FITTINGS, INCLUDING FAUCETS, SUPPLIES, STOPS, TRAPS, TAILPIECES, WASTE, PLUGS, CASINGS, HANGERS, PLATES, BRACKETS, ANCHORS, SUPPORTS, HARDWARE AND FASTENING DEVICES.
- WHERE FIXTURES OR TRIM ARE DAMAGED OR BROKEN DURING THE INSTALLATION, THEY SHALL BE REPLACED WITH NEW FIXTURES.
- EXAMINE ROUGH-IN WORK OF POTABLE WATER AND WASTE PIPING SYSTEMS TO VERIFY ACTUAL LOCATIONS OF PIPING CONNECTIONS PRIOR TO INSTALLING FIXTURES. CORRECT ANY INCORRECT LOCATION OF PIPING, AND OTHER UNSATISFACTORY CONDITIONS FOR INSTALLATION OF PLUMBING FIXTURES.
- EXERCISE CARE IN HANDLING OF FIXTURES, TRIM, PIPE, AND FITTINGS. USE TOOLS DESIGNED TO PREVENT DAMAGE TO SURFACE FINISHES.
- SET FIXTURES LEVEL AND UNIFORMLY, WITH CONNECTIONS AT RIGHT ANGLES TO WALL AND PROPERLY CENTERED. LAY OUT ROUGHING ACCURATELY AND IN COORDINATION WITH SPACE AND FINISH REQUIREMENTS. IF FIELD CUT-OUTS AND HOLES ARE REQUIRED, USE PROPER CUTTING AND DRILLING TOOLS TO MAINTAIN INTEGRITY OF FINISHED SURFACE.
- LOCATE WASTE OUTLETS AND WATER SUPPLIES AT CONSTANT HORIZONTAL LEVELS, WITH WASTE OUTLET CENTERED ON FIXTURE DRAIN CONNECTION AND WATER SUPPLIES SPACED EQUALLY RIGHT.
- SUPPORT WALL HUNG FIXTURES RIGIDLY FROM BUILDING CONSTRUCTION, NOT FROM PIPING, BY MEANS OF CONCEALED METAL SUPPORTING MEMBERS DESIGNED TO CARRY WEIGHT OF FIXTURE UNDER CONDITIONS OF UNUSUAL LOADING, WITH NO STRESS PLACED ON WASTE CONNECTION OR ANY OTHER PART OF SYSTEM.
- SECURE FLOOR MOUNT SUPPORTS TO SLAB. SECURE WALL MOUNT SUPPORTS TO 1/4" THICK METAL BACKUP PLATE SECURED TO WALL CONSTRUCTION. DO NOT USE WIRE, NAILS, OR OTHER MAKESHIFT DEVICES TO SECURE SUPPORTING MEMBERS.
- USE VANDAL PROOF DEVICES TO SECURE FIXTURES, TRIMMINGS AND FITTINGS TO DETER UNAUTHORIZED REMOVAL. PROVIDE CHROME PLATED BRASS WASHERS AND CAP NUTS FOR EXPOSED BOLT ENDS.
- PROVIDE ESCUTCHEONS, THREADED OR HELD IN PLACE WITH THREADED PART OR SET SCREW ON PIPING AND FIXTURE SUPPORTS PROTRUDING FROM WALL OR FLOOR, AND ON VISIBLE CONNECTIONS TO FIXTURES.
- MAKE CONNECTION BETWEEN INTEGRAL TRAPPED FIXTURES AND DRAINAGE PIPING GAS AND WATERTIGHT, WITH CLOSET COUPLING OR FLANGE, CLOSET RING GASKET AND NON-CORROSIVE BOLTING MATERIALS.
- USE SPACING DEVICES TO SUPPORT AND STABILIZE WATER PIPING.
- PAINT NON-CORROSIVE FERROUS METAL SURFACES OF FIXTURES, INCLUDING BRACKETS, HANGERS, AND PLATES WITH PRIME COAT OF PAINT.
- UPON COMPLETION OF WORK, REMOVE PROTECTIVE COVERS AND THOROUGHLY CLEAN SURFACES, TRAPS AND STRAINERS. CHECK ALL ITEMS FOR PROPER OPERATION.
- ADJUST FLUSH VALVES TO PROVIDE MINIMUM FLOW CONSISTENT WITH CLEANING REQUIREMENTS OF FIXTURES. ADJUST SUPPLIES TO PROVIDE ADEQUATE FLOW WITHOUT SPLASHING, AND WITH FLOW RATE OF HOT AND COLD WATER EQUAL IN VELOCITY, EXCEPT AS OTHERWISE REQUIRED.
- TEST PLUMBING SYSTEMS TO SATISFACTION OF BUILDING OFFICIAL. DO NOT CLOSE IN, CONCEAL, OR COVER UP ANY PLUMBING WORK UNTIL IT HAS BEEN TESTED, INSPECTED AND APPROVED.
- FLUSH PIPING, PRIOR TO TESTING, TO REMOVE FOREIGN MATERIALS WHICH MAY HAVE ENTERED DURING COURSE OF INSTALLATION. CLEAN FILTERS AND STRAINERS AFTER FLUSHING.
- ALL PIPING PENETRATIONS THRU NEW RATED WALLS SHALL BE SEALED WITH LISTED FIREPROOFING MATERIALS.
- ITEMS NEEDING SAWCUTTING AND PATCHING SHALL BE COORDINATED BETWEEN TRADES. ONLY MAJOR PIECES ARE SHOWN ON DRAWINGS AND DO NOT INDICATE ALL LOCATIONS. PLUMBER SHALL BE RESPONSIBLE FOR CONCEALING ALL NEW WORK, UNLESS NOTED OTHERWISE.
- SET AND CONNECT ALL FIXTURES WITH HOT AND COLD WATER, VENT AND DRAINAGE AS REQUIRED AND PROTECT FIXTURES UNTIL FINAL ACCEPTANCE AND TEST.
- FIXTURES SHALL BE COMPLETE WITH CHROME PLATING ON EXPOSED IRON ON PIPE, TRAPS, ANCHOR BOLTS, HANGERS, STRAINERS, STOP VALVES AT EVERY FIXTURE AND OTHER INCIDENTAL ITEMS FURNISHED AS STANDARD.
- ALL FIXTURES SHALL BE CAULKED TIGHT TO WALLS AND FINISHED SURFACES SO THAT NO VOIDS SHALL REMAIN.
- ALL PLUMBING FIXTURE'S BACK PLATES AND ESCUTCHEONS RECTANGULAR IN NATURE SHALL BE INSTALLED FLUSH WITH THE WALL SURFACE. THE VERTICAL EDGE SHALL BE INSTALLED IN A VERTICAL POSITION PERPENDICULAR TO A HORIZONTAL PLANE AND THE HORIZONTAL EDGE SHALL BE INSTALLED IN A HORIZONTAL (LEVEL) POSITION.
- ALL EQUIPMENT SHOWN ON THESE DRAWINGS AND IN PROJECT SPECIFICATION IS BASED UPON SPECIFIED MANUFACTURERS. ANY MODIFICATION AND/OR SUBSTITUTION OF SAID EQUIPMENT IS SUBJECT TO COMPLETE COORDINATION OF ALL CONNECTIONS, SERVICES, OPENING SIZES AND OTHER CONSTRUCTION RELATED REQUIREMENTS BY THE TRADE CONTRACTOR PROVIDING THE EQUIPMENT.
- CONTRACTOR TO REMOVE AND REPLACE EXISTING WATER PIPING INSULATION WITHIN THE AREA OF WORK.

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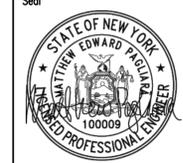
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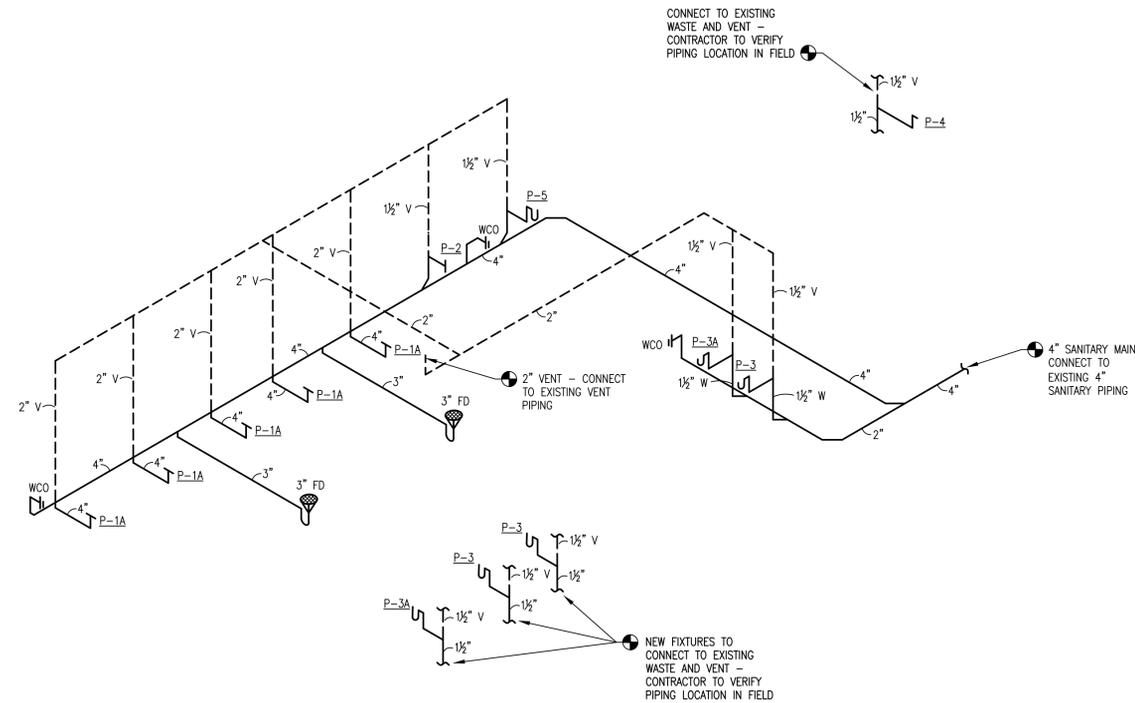
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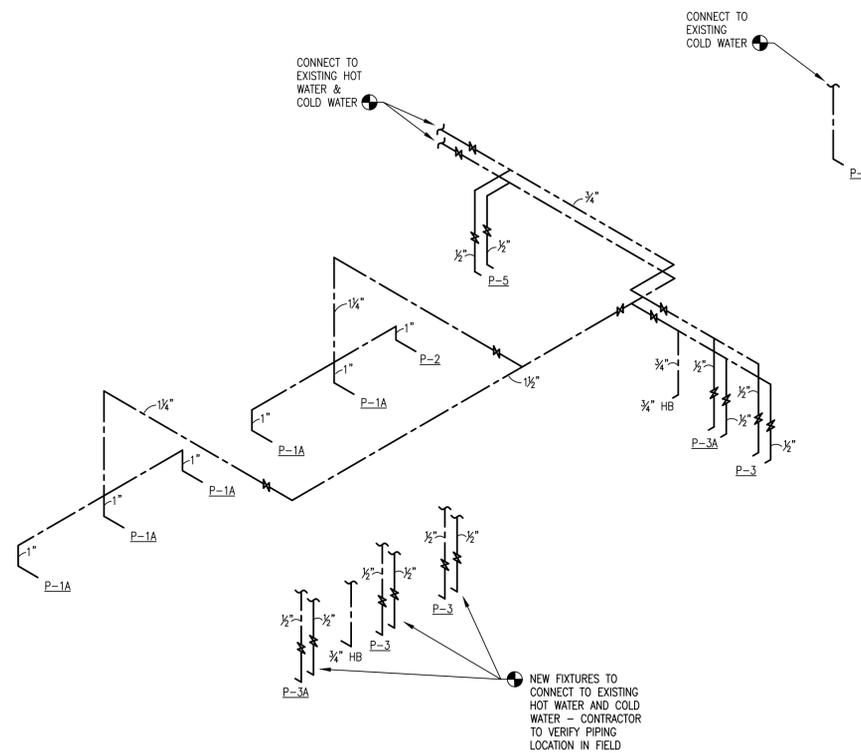
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PLUMBING PLANS

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1
P-401 SANITARY RISER DIAGRAM
SCALE: NTS



2
P-401 DOMESTIC WATER RISER DIAGRAM
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