

WCC:  
**MR. ROBERT CIRILLO**  
**MR. MICHAEL BELFORE**  
**MR. RICHARD GENNARO**

# WESTCHESTER COMMUNITY COLLEGE

## CONSTRUCTION AND INTERIOR RENOVATION

**DCAK · MSA**  
 ARCHITECTURE AND ENGINEERING

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PROPERTY INFORMATION TABLE	
MUNICIPALITY	TOWN OF VALHALLA STATE OF NEW YORK WESTCHESTER COUNTY
ADDRESS	75 GRASSLANDS RD. WESTCHESTER COMMUNITY COLLEGE
OWNER	WESTCHESTER COMMUNITY COLLEGE

PLANS ARE FOR THE RENOVATION OF THE WALLS AND FLOORING OF PARTS OF THE 2 STORY BUILDING AS WELL AS WATERPROOFING THE BUILDING TO PREVENT LEAKS.

### CODE COMPLIANCE:

PROJECT DRAWINGS, SPECIFICATIONS ARE IN COMPLIANCE WITH THE STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, STATE ENERGY CONSERVATION CONSTRUCTION CODE

DRAZEN CACKOVIC R.A.

### GENERAL NOTES

- CONSTRUCTION SHALL CONFORM TO THE ATTACHED DRAWINGS.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE. IF THERE IS ANY VARIATION FROM THESE DRAWINGS, THE CONTRACTOR IS DIRECTED TO NOTIFY THE OWNER AND THE ARCHITECT OF THESE BEFORE PROCEEDING.
- ALL DIMENSIONS AND LOCATIONS AS INDICATED ON THE DRAWINGS SHALL BE CONSIDERED AS REASONABLY CORRECT, BUT IT SHALL BE UNDERSTOOD THAT THEY ARE SUBJECT TO MODIFICATIONS AS MAY BE NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION TO MEET ANY UNFORESEEN OR OTHER CONDITIONS.
- THE CONTRACTOR SHALL NOT SCALE THE DRAWING. IF ANY DIMENSIONS ARE FOUND TO BE MISSING, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING.
- THE CONTRACTOR SHALL PROVIDE DEMOLITION, REMOVAL AND LEGAL DISPOSAL OF ALL EXISTING BUILDING AND SITE STRUCTURES, FINISHES AND CONDITIONS AS REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT AREAS TO REMAIN, FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT OCCURS TO ADJACENT AREAS TO REMAIN, DUE TO THEIR WORK.
- THE CONTRACTOR SHALL CONFIRM THE SALVAGEABILITY OF ANY AND ALL READILY SALVAGEABLE ITEMS, WHETHER OR NOT THEY ARE SPECIFICALLY NOTED ON THE DRAWINGS, WITH THE OWNER. THOSE ITEMS DIRECTED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND STORED IN PREPARATION FOR REINSTALLATION AS COORDINATED WITH THE OWNER.
- ALL EXTERIOR OPENINGS WHERE WORK IS PERFORMED SHALL BE PROPERLY CAULKED, FLASHED AND WEATHER-STRIPPED.
- PATCHING OF EXISTING FLOORS AND/OR WALLS WHERE REQUIRED SHALL BE SMOOTH AND UNIFORM WITH EXISTING FINISHES.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CUT SHEETS TO THE ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WITH THAT PORTION OF THE WORK FOR THE ITEMS LISTED IN CONSTRUCTION DRAWINGS & SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL EXISTING PLUMBING AND ELECTRICAL SYSTEMS AFFECTED BY THE WORK.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE BUILDING CODE OF THE STATE OF NEW YORK AND ALL APPLICABLE STATE CODES, FEDERAL REGULATIONS, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE LOCAL LAWS AND REGULATIONS.
- ALL EQUIPMENT SUPPLIED BY THE CONTRACTOR SHALL HAVE MEA OR BSA APPROVAL FOR USE IN THE STATE OF NEW YORK.
- PROVIDE AND MAINTAIN NECESSARY COVERINGS AND BOARDING TO PROTECT EXISTING WORK AND FINISHES. UPON COMPLETION, REMOVE ALL PROTECTION, CLEAN ALL EXPOSED SURFACES AND LEAVE ALL SPACES IN A CLEAN, ORDERLY CONDITION AND BROOM SWEEPED. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE CAUSED BY IMPROPER PROTECTION AND SHALL REPAIR ANY DAMAGE CAUSED WITHOUT EXTRA CHARGE TO THE CLIENT.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM JOB SITE AND KEEP CONDITIONS MAINTAINED IN A SAFE AND ACCESSIBLE FASHION.
- THERE SHALL BE NO CHANGE TO THE EXISTING EGRESS, USE OR OCCUPANCY UNDER THE SCOPE OF THIS APPLICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL POWER DURING CONSTRUCTION AND TEMPORARY ELECTRIC LIGHTING FOR ALL PORTIONS OF THE WORK.
- PROVIDE ADEQUATE SHORING FOR ALL STRUCTURAL REMOVALS TO PREVENT SETTLEMENT OR COLLAPSE PRIOR TO NEW STRUCTURAL INSTALLATIONS.
- ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS APPLYING TO THE CONTRACTOR, SHALL ALSO APPLY TO ALL THE CONTRACTORS SUB-CONTRACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBCONTRACTOR CONFORMANCE WITH THOSE REQUIREMENTS.
- THE TERM "CONTRACTOR" SHALL REFER TO THE SELECTED CONTRACTOR AND/OR GENERAL CONTRACTOR.
- ALL TEMPORARY ELECTRICAL EQUIPMENT AND WIRING SHALL MEET THE REQUIREMENTS OF THE ELECTRICAL CODE OF NEW YORK STATE, AND SHALL BE MAINTAINED TO MEET SUCH REQUIREMENTS. PORTIONS OF PERMANENT ELECTRICAL INSTALLATIONS MAY BE USED FOR TEMPORARY OPERATIONS PROVIDED THE REQUIREMENTS OF THE ELECTRICAL CODE ARE MET.
- ALL EXPOSED, ELECTRICALLY CHARGED, MOVING OR OTHERWISE DANGEROUS PARTS OF MACHINERY AND CONSTRUCTION EQUIPMENT SHALL BE LOCATED, GUARDED, SHIELDED, OR BARRICADED SO AS TO PREVENT CONTACT BY THE PUBLIC.
- UNES, WIRES, ROPES, PIPES, CHAINS ETC. SHALL BE LOCATED SO THAT THEY WILL NOT CONSTITUTE A TRIPPING HAZARD.
- ALL AREAS USED BY THE PUBLIC SHALL BE MAINTAINED FREE FROM ICE, SNOW, GREASE, DEBRIS, EQUIPMENT, MATERIALS, PROJECTIONS, TOOLS, OR OTHER ITEM, SUBSTANCE OR CONDITION THAT MAY CONSTITUTE SLIPPING, TRIPPING OR OTHER HAZARD.
- WHEN NOT BEING USED, MATERIAL, EQUIPMENT AND TOOLS THAT MIGHT FALL FROM LEVELS ABOVE AREAS USED BY THE PUBLIC SHALL BE KEPT AWAY FROM EDGES OR OPENINGS.
- WASTE DUMPSTER AND DEBRIS BOXES SHALL BE SECURED AND THOSE CONTAINING MATERIAL OR DEBRIS SHALL BE COVERED AT THE END OF EACH WORKDAY.
- WASTE MATERIAL SHALL NOT BE PERMITTED TO ACCUMULATE AND SHALL BE PROPERLY DISPOSED OF IN DEBRIS CONTAINERS AT REASONABLE INTERVALS.
- ALL SURFACES ADJOINING PAVED SURFACES AND/OR WALKING SURFACES, SHALL BE EVEN AND AT THE SAME ELEVATION AS THE PAVED SURFACE. THIS INCLUDES SURFACES SUCH AS LOANS, GRASS, PLANTING BEDS AND OTHER FINISH SURFACES. WHEN TWO DISSIMILAR PAVING SURFACES OR WALKING SURFACES ARE ABUTTING, THEY SHALL BE EVEN AND AT THE SAME ELEVATION, WITHOUT ANY TRIPPING HAZARDS.

### ABBREVIATIONS

&	AND	MATL	MATERIAL
@	AT	MAX	MAXIMUM
DIA	DIAMETER	MFR	MANUFACTURER
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
ALUM	ALUMINUM	MASONRY	MASONRY OPENING
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MOD	MODIFIED
APPROX	APPROXIMATE, APPROXIMATELY	MTD	MOUNTED
BO	BOTTOM OF	METL	METAL
BRG	BEARING	N/A	NOT APPLICABLE
CCTV	CLOSED-CIRCUIT TELEVISION	OC	ON CENTER
CJ	CENTERLINE	OD	OUTSIDE DIAMETER
CL	CONTROL JOINT	OPP	OPPOSITE
CLG	CEILING	P LAM	PLASTIC LAMINATE
CLR	CLEAR	PART	PARTITION, PARTIAL
CMU	CONCRETE MASONRY UNIT	PBSPM	POSTAGE BOOKLET
CNJ	CONSTRUCTION JOINT	PLYWD	PLYWOOD
COL	COLUMN	PO	POST OFFICE
COLS	COLUMNS	POS	POINT OF SALE
CONC	CONCRETE	PTD	PAINTED
CONT	CONTINUOUS	PL	PLATE
CO	CONTRACTING OFFICER	RECEP	RECEPTACLE
DS	DOWNSPOUT	REF	REFER, REFERENCE
DIA	DIAMETER	REQ'D	REQUIRED
DISP	DISPLAY OR DISPENSER	RO	ROUGH OPENING
DTL	DETAIL	SO FT	SQUARE FEET
EJ	EXPANSION JOINT	SQ IN	SQUARE INCHES
EWC	ELECTRICAL WATER COOLER	SCW	SOLID CORE WOOD
ELEC	ELECTRIC, ELECTRICAL	SS	STAINLESS STEEL
EQ	EQUAL	SHT	SHEET
EXP	EXPANSION	SHTS	SHEETS
EXT	EXTERIOR	SIM	SIMILAR
FF	FIRE EXTINGUISHER	SM	SURFACE MOUNTED
FF	FACTORY FINISH	SPECS	SPECIFICATIONS
FIN	FINISHED	STL	STEEL
FO	FACE OF	T & G	TONGUE AND GROOVE
GA	GAUGE	TBR	TO BE REMOVED
GC	GENERAL CONTRACTOR	THICK	THICKNESS
GYP	GYPSPUM	THRESH	THRESHOLD
H	HIGH	TO	TOP OF
HB	HOSE BIBB	TOP	TYPICAL
HDW	HARDWARE	UNLESS	UNLESS OTHERWISE NOTED
HGT	HEIGHT	USPS	UNITED STATES POSTAL SERVICE
HM	HOLLOW METAL	VCT	VINYL COMPOSITION TILE
HT	HEIGHT	VIF	VERIFY IN FIELD
ID	INSIDE DIAMETER	W	WIDE
IJ	INSULATION JOINT	W/	WITH
INSUL	INSULATION	WD	WOOD
INT	INTERIOR	WWF	WELDED WIRE FABRIC
IRT	INTEGRATED RETAIL TERMINAL		
JAN	JANITOR		
JOINT	JOINT		
LB	POUND		

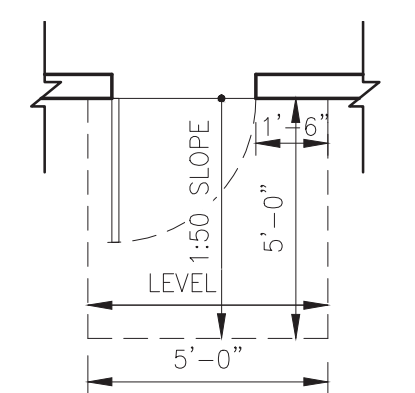
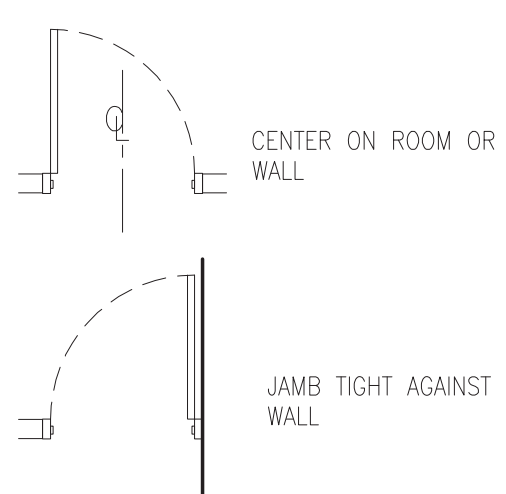
### DRAWING SYMBOLS

#### PLAN SYMBOLS

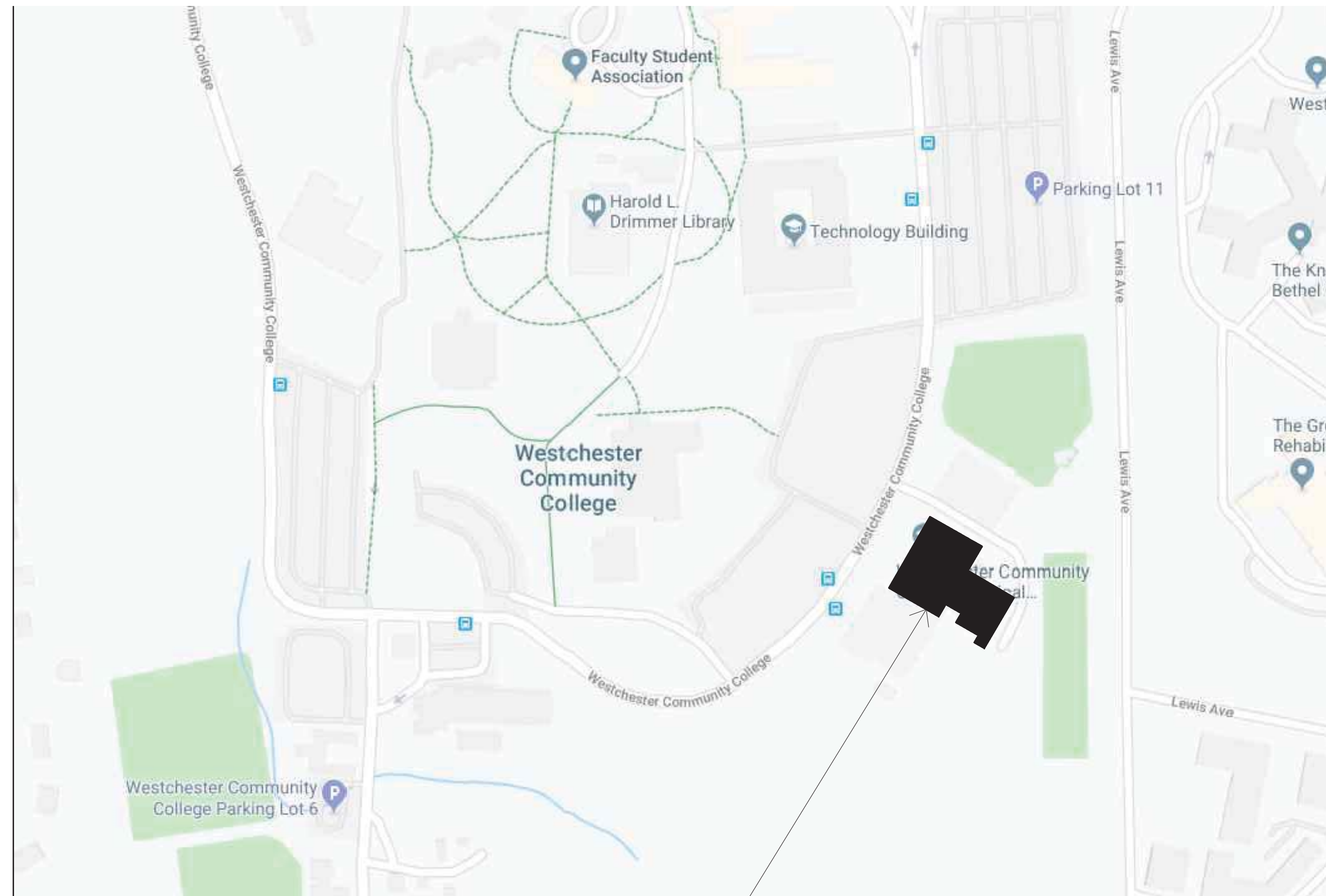
	BUILDING/WALL SECTION		EARTH/COMPACT FILL
	DETAIL REFERENCE DRAWING NUMBER		CAST IN PLACE/PRECAST CONCRETE
	ROOM/SPACE NUMBER		POROUS FILL/GRAVEL
	DOOR NUMBER		EXISTING MASONRY
	PARTITION TYPE		WOOD ROUGH/BLOCKING
	WINDOW NUMBER		PLYWOOD
	ELEVATION REFERENCE NUMBER		GYPSPUM WALLBOARD
	PROJECT NORTH		STEEL/METAL SECTIONS
	LEVEL LINE CONTROL POINT OR DATUM		

#### DETAIL SYMBOLS

	EARTH/COMPACT FILL
	CAST IN PLACE/PRECAST CONCRETE
	POROUS FILL/GRAVEL
	EXISTING MASONRY
	WOOD ROUGH/BLOCKING
	PLYWOOD
	GYPSPUM WALLBOARD
	STEEL/METAL SECTIONS



NOTE: ALL WALKWAYS 1:20 MAXIMUM W/ 1:50 CROSS SLOPE UNLESS OTHERWISE NOTED



AREA OF WORK  
 PHYSICAL EDUCATION BUILDING

1 LOCATOR MAP  
 SCALE: NTS



#	DRAWING NAME	ISSUED FOR BID, PERMIT, CONSTRUCTION	REVISION 1	REVISION 2	REVISION 3	REVISION 4
T-001	TITLE SHEET, GENERAL NOTES & LOCATION PLAN					
G-010	CABO-ANSI A117.1 2007 STANDARDS-COMMERCIAL					
CIVIL						
A-101D	FIRST FLOOR DEMOLITION PLAN					
A-102D	SECOND FLOOR DEMOLITION PLAN					
A-101	FIRST FLOOR PLAN					
A-102	SECOND FLOOR PLAN					
A-103	FLOOR PATTERN PLAN					
A-310	ROOM 56 ELEVATIONS					
A-500	WALL SECTION AND DETAILS					
A-706	FINISH SCHEDULES					
ARCHITECTURAL						
MEP STRUCTURAL						

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Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
**VALHALLA, NY**

Consultants



### REVISIONS

No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

Drawing:  
**TITLE SHEET**

Project Number: 18041 Responsible Party: AJ Reviewed By: DC  
 Scale: AS NOTED  
 Drawing Number:  
**T-001**



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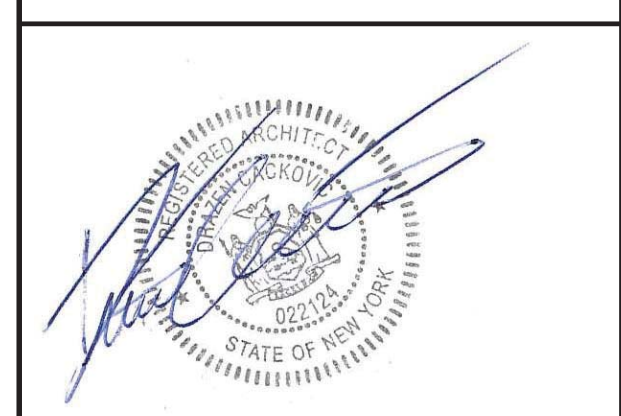
Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
**VALHALLA, NY**

Consultants

X INDICATES REQUIRED DIMENSION  
X - X INDICATES REQUIRED DIMENSION RANGE  
← INDICATES DIRECTION OF APPROACH  
--- BOUNDARY OF CLEAR FLOOR AREA  
--- INDICATES CENTERLINE  
--- INDICATES REFERENCED ANSI A117.1 SECTION

6010 TITLE A117.1 SECTION



**REVISIONS**

No.	Date	Description	Responsible Party
1	3/19/2019		FJ

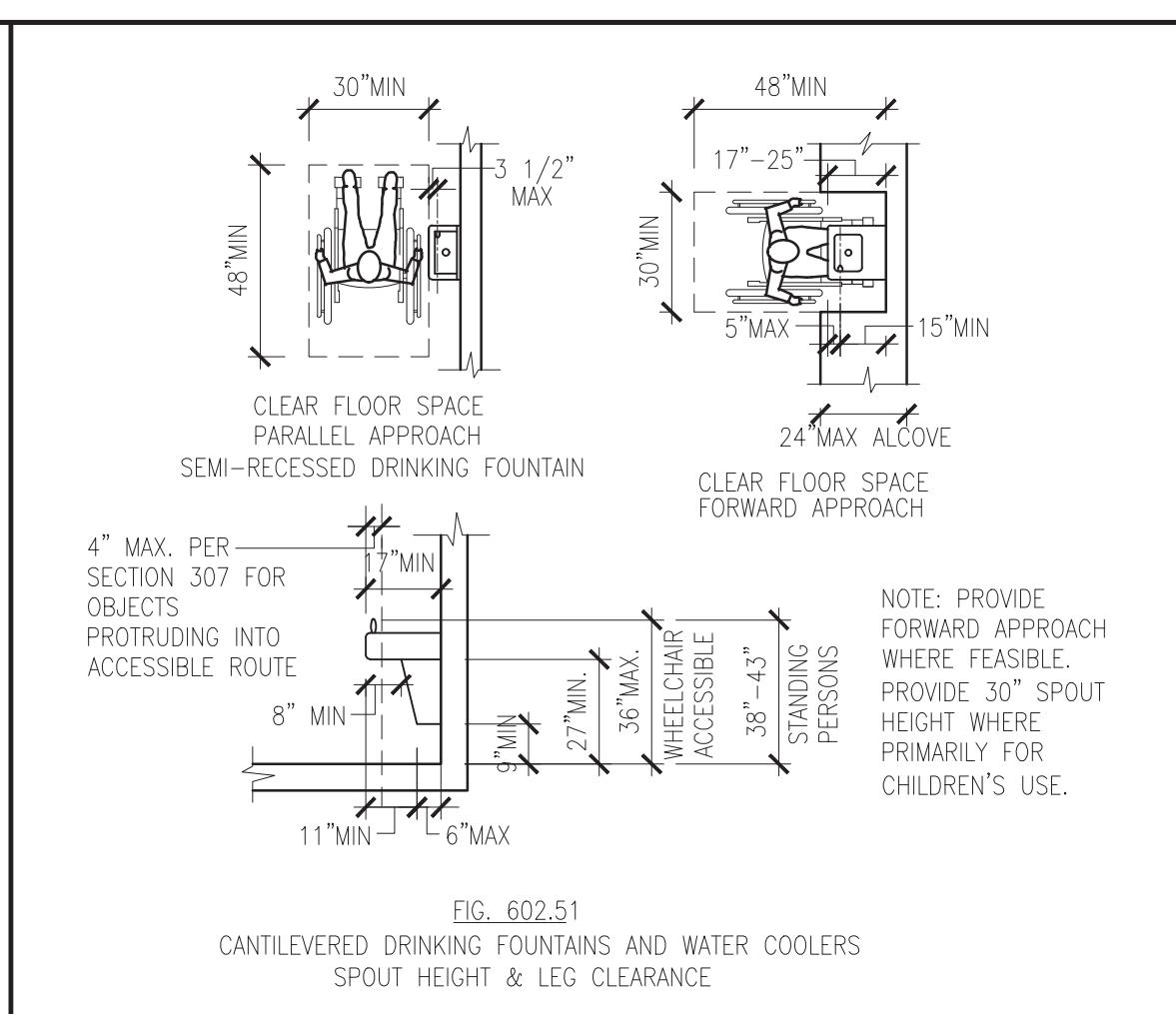
Drawing:  
**CABO-ANSI A117.1 2007 STANDARDS-COMMERCIAL**

Project Number: Responsible Party: Reviewed By:  
FJ DC

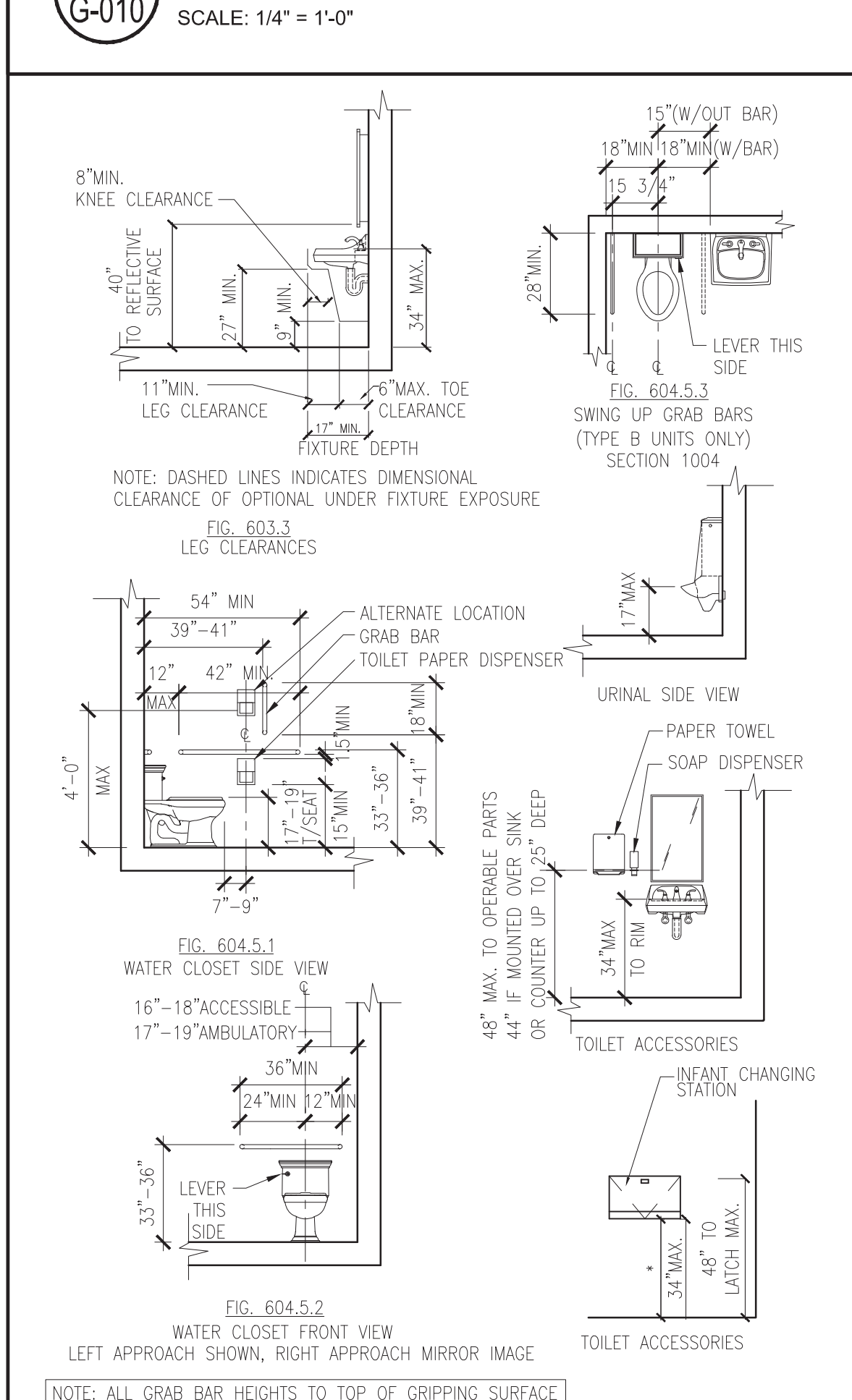
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Drawing Number:

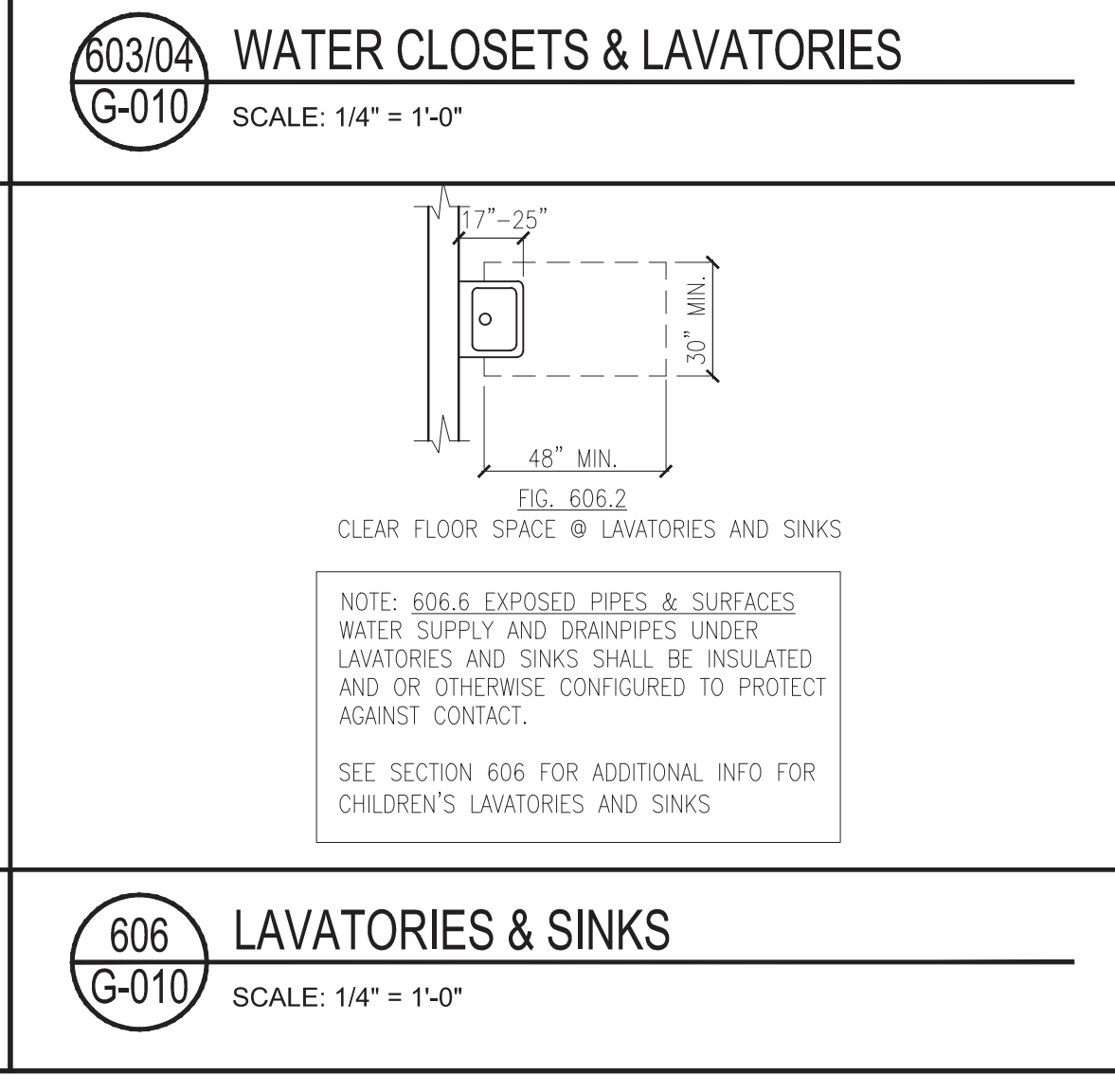
**G-010**



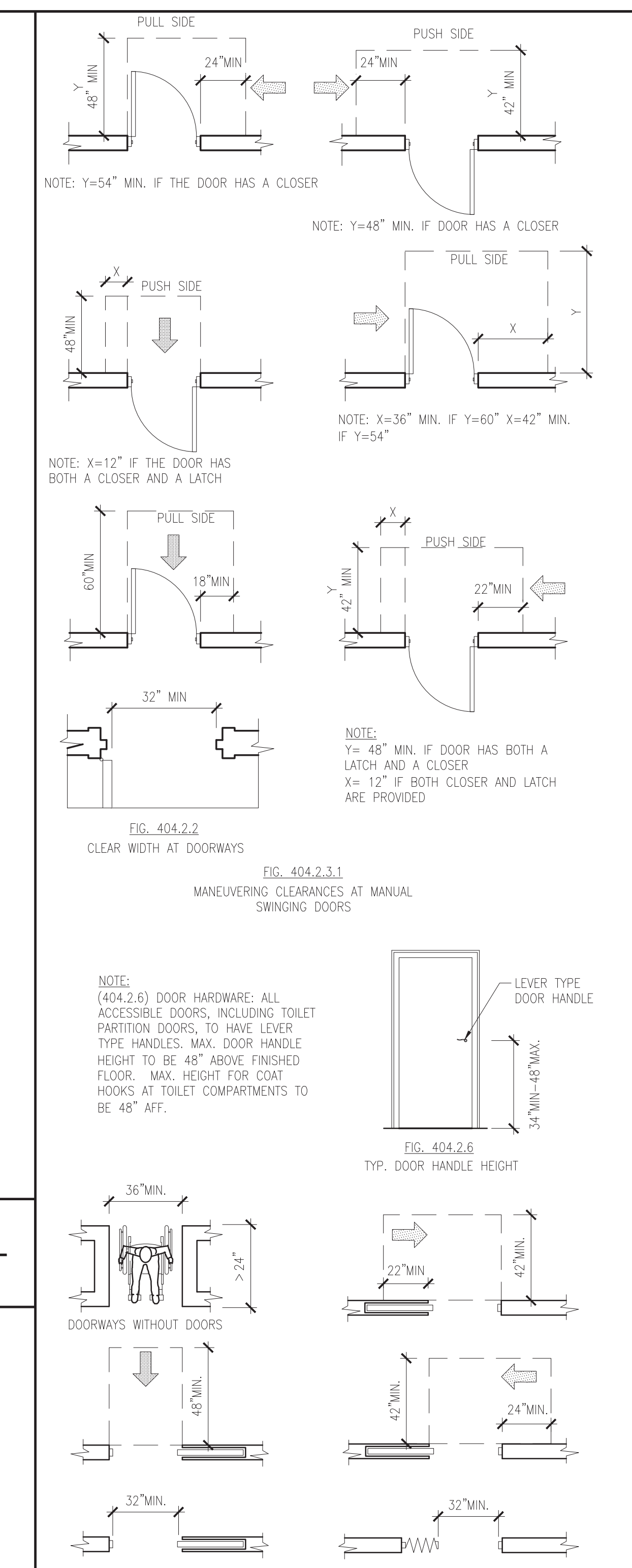
**602 G-010 DRINKING FOUNTAINS**  
SCALE: 1/4" = 1'-0"



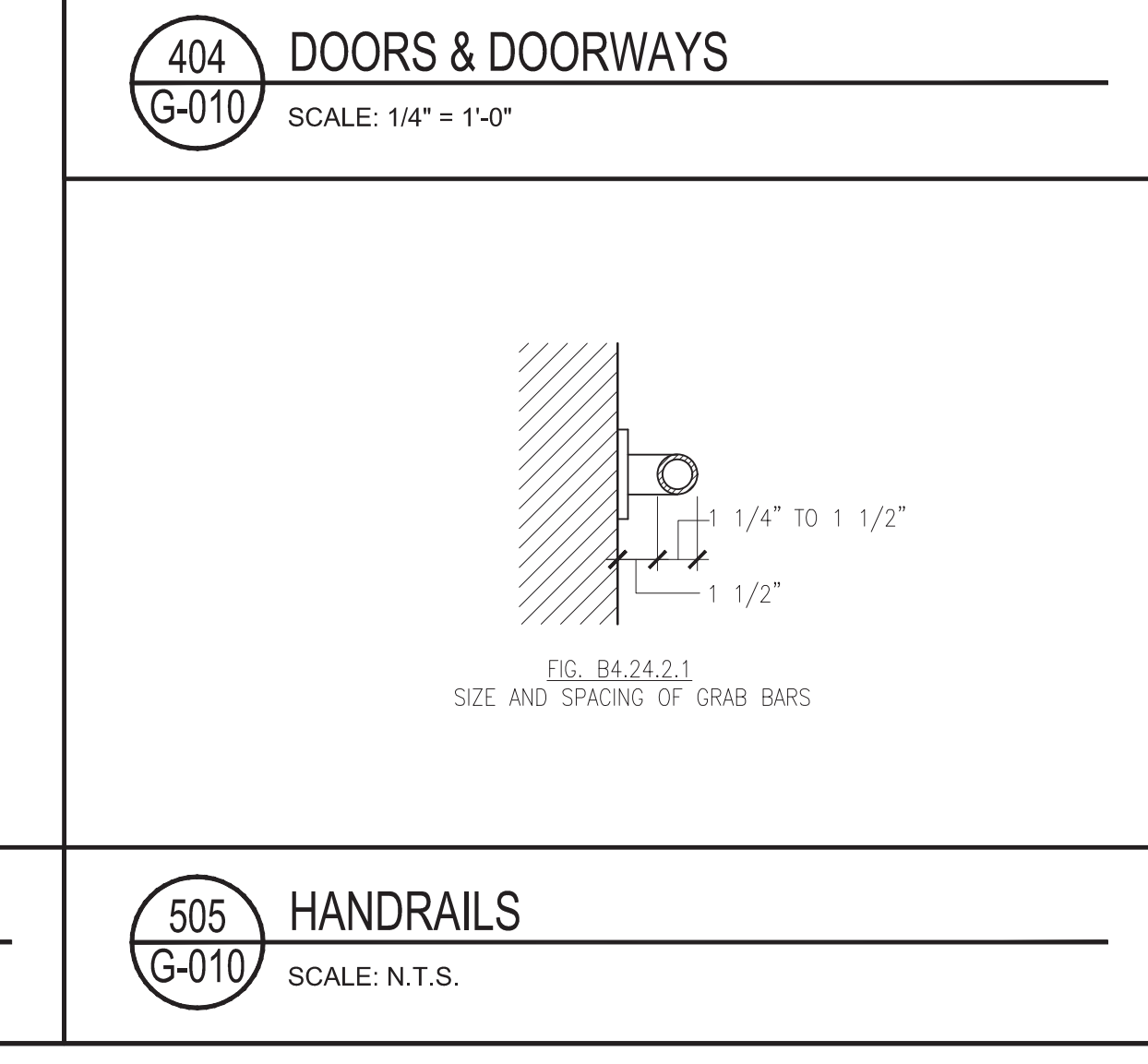
**603/04 G-010 WATER CLOSETS & LAVATORIES**  
SCALE: 1/4" = 1'-0"



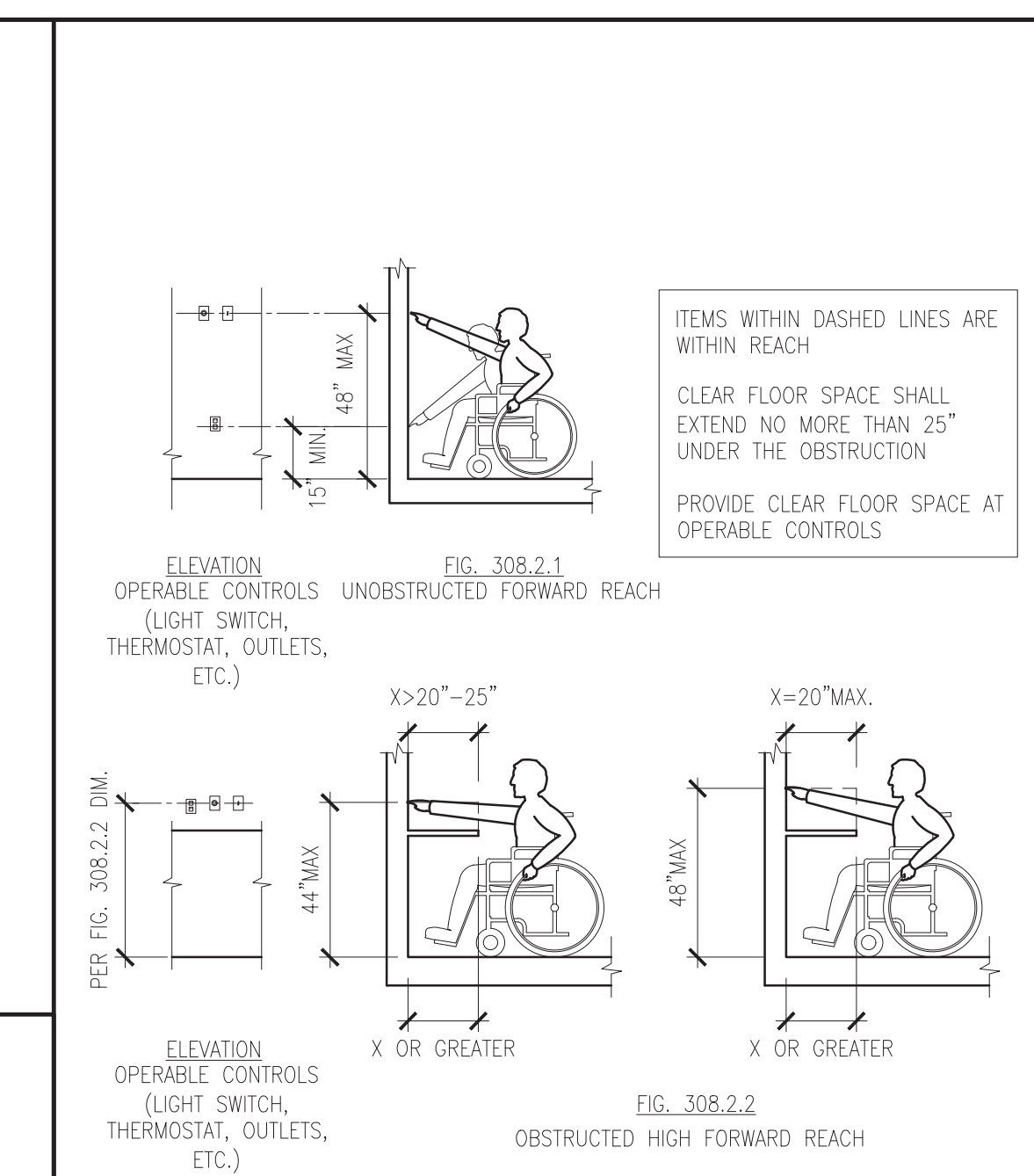
**606 G-010 LAVATORIES & SINKS**  
SCALE: 1/4" = 1'-0"



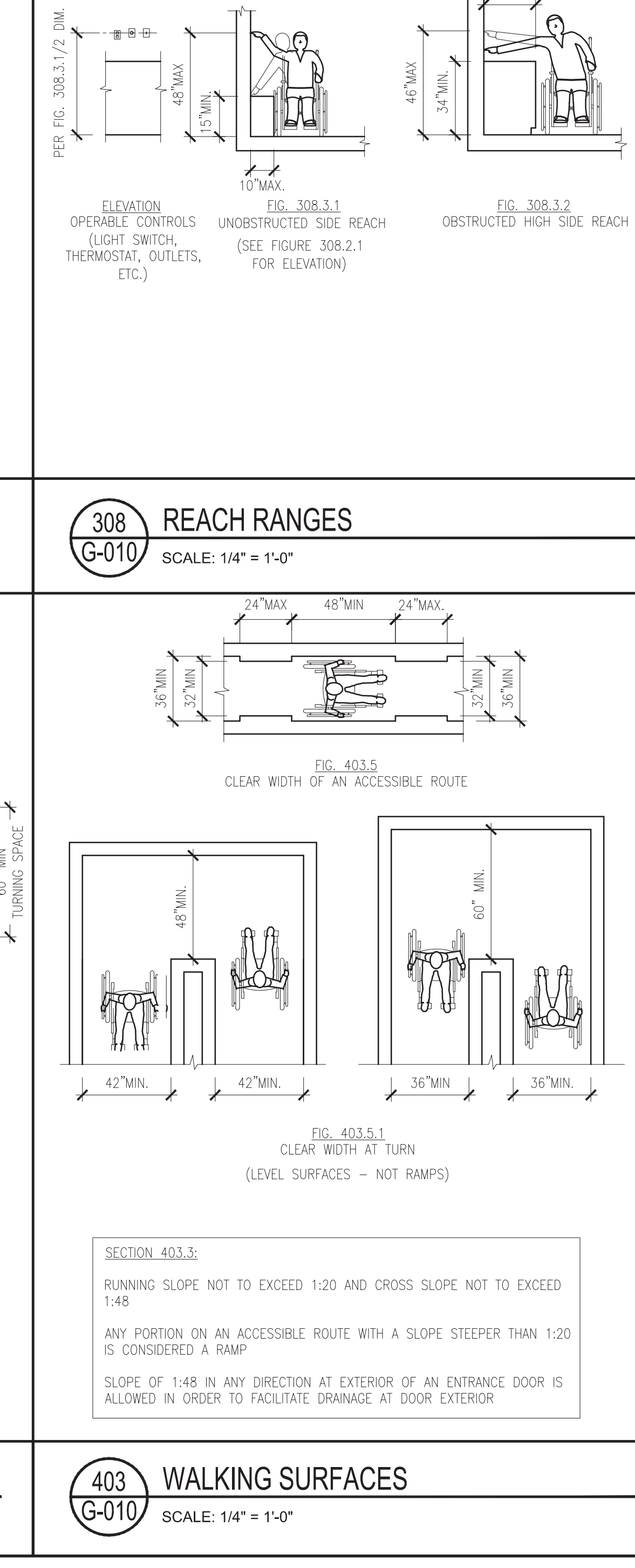
**404 G-010 DOORS & DOORWAYS**  
SCALE: 1/4" = 1'-0"



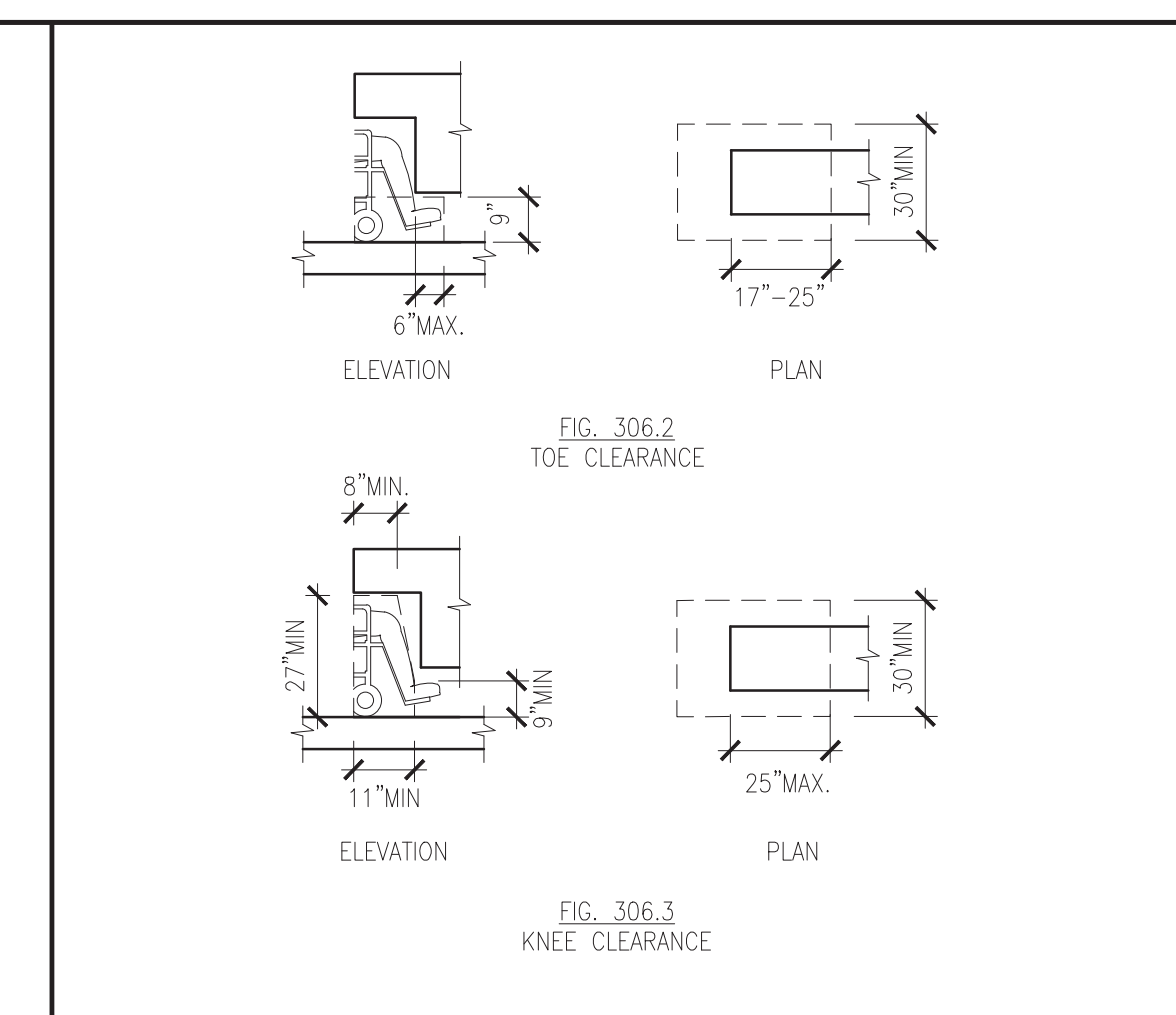
**505 G-010 HANDRAILS**  
SCALE: N.T.S.



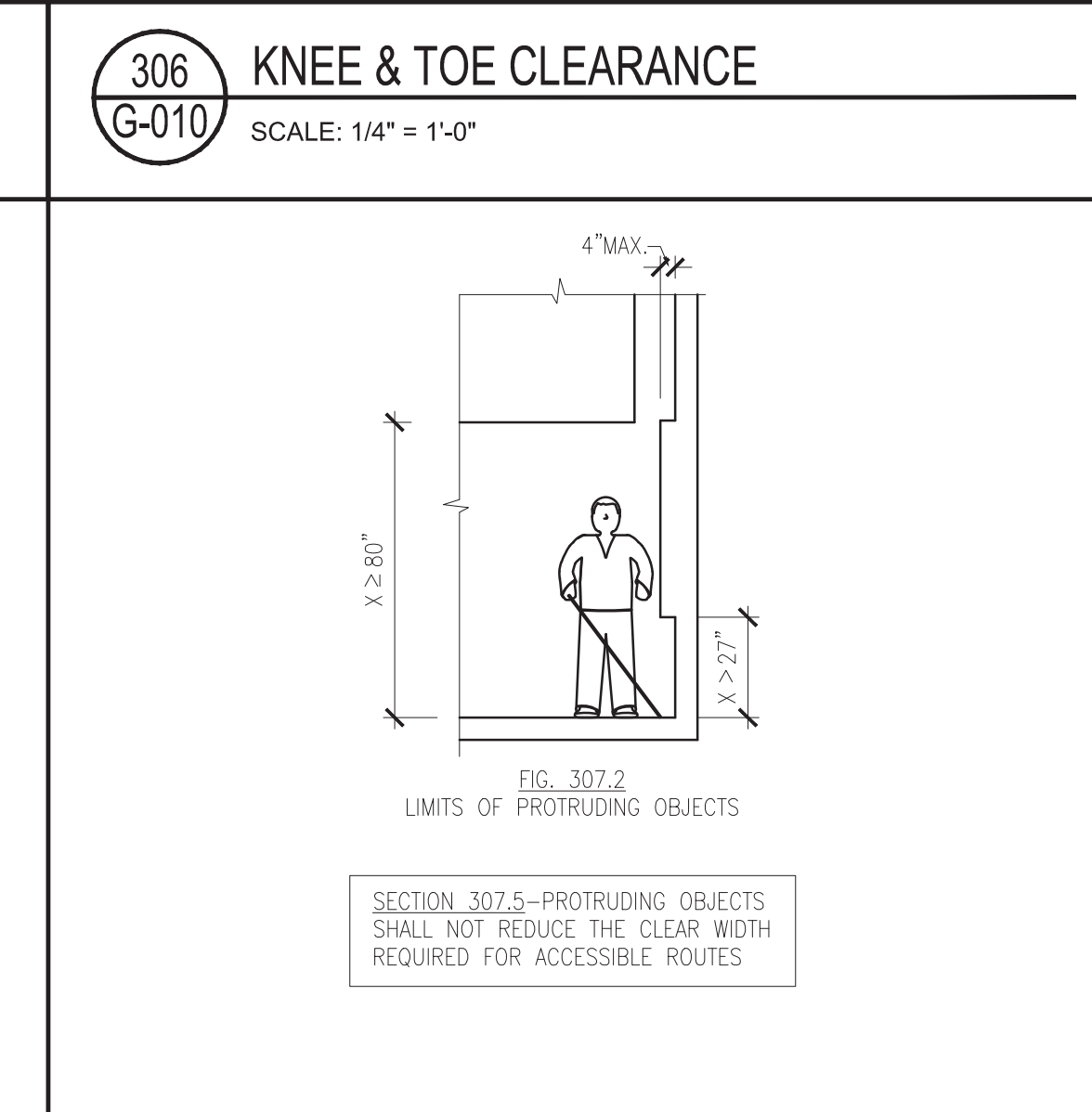
**308 G-010 REACH RANGES**  
SCALE: 1/4" = 1'-0"



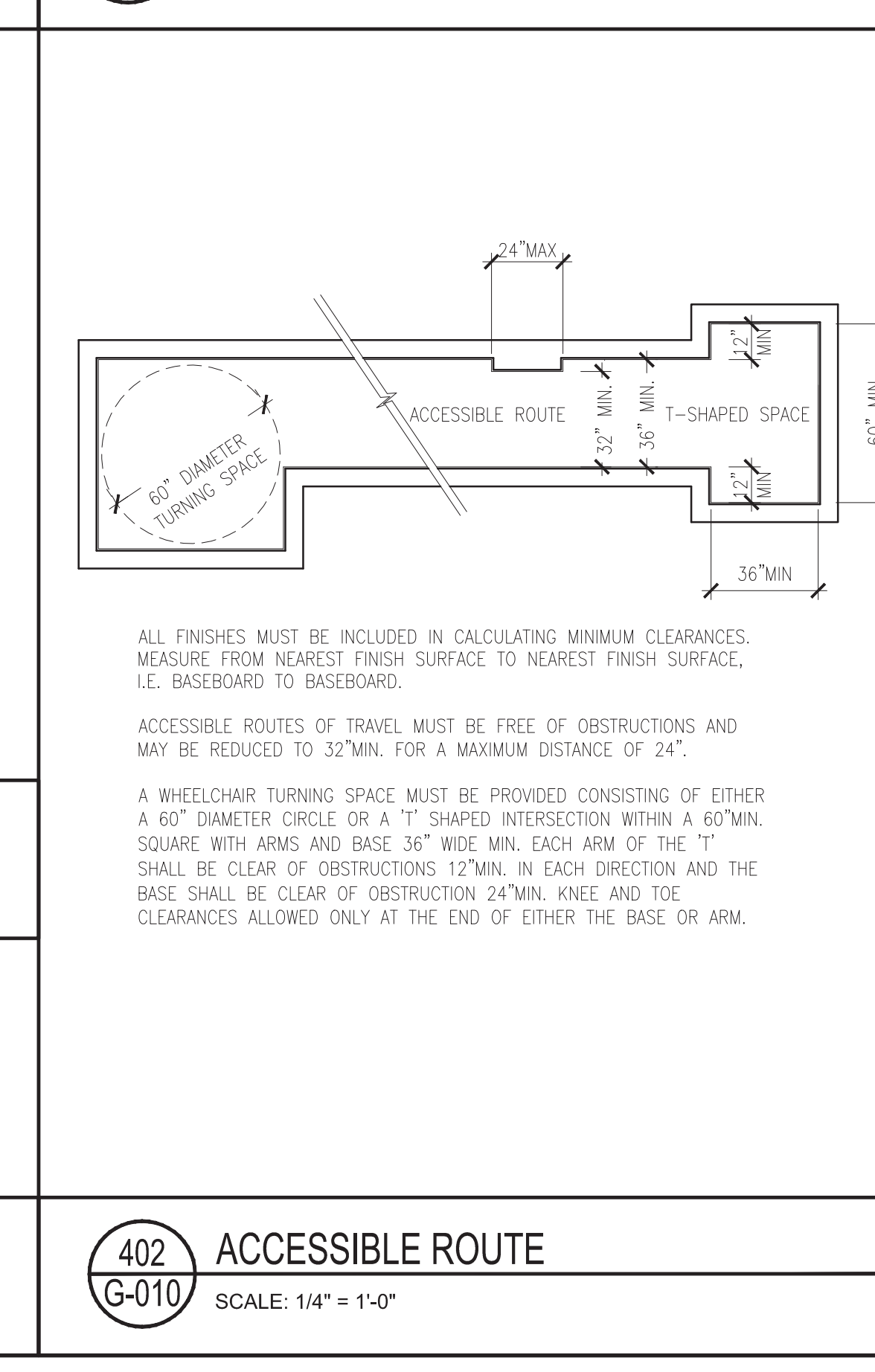
**403 G-010 WALKING SURFACES**  
SCALE: 1/4" = 1'-0"



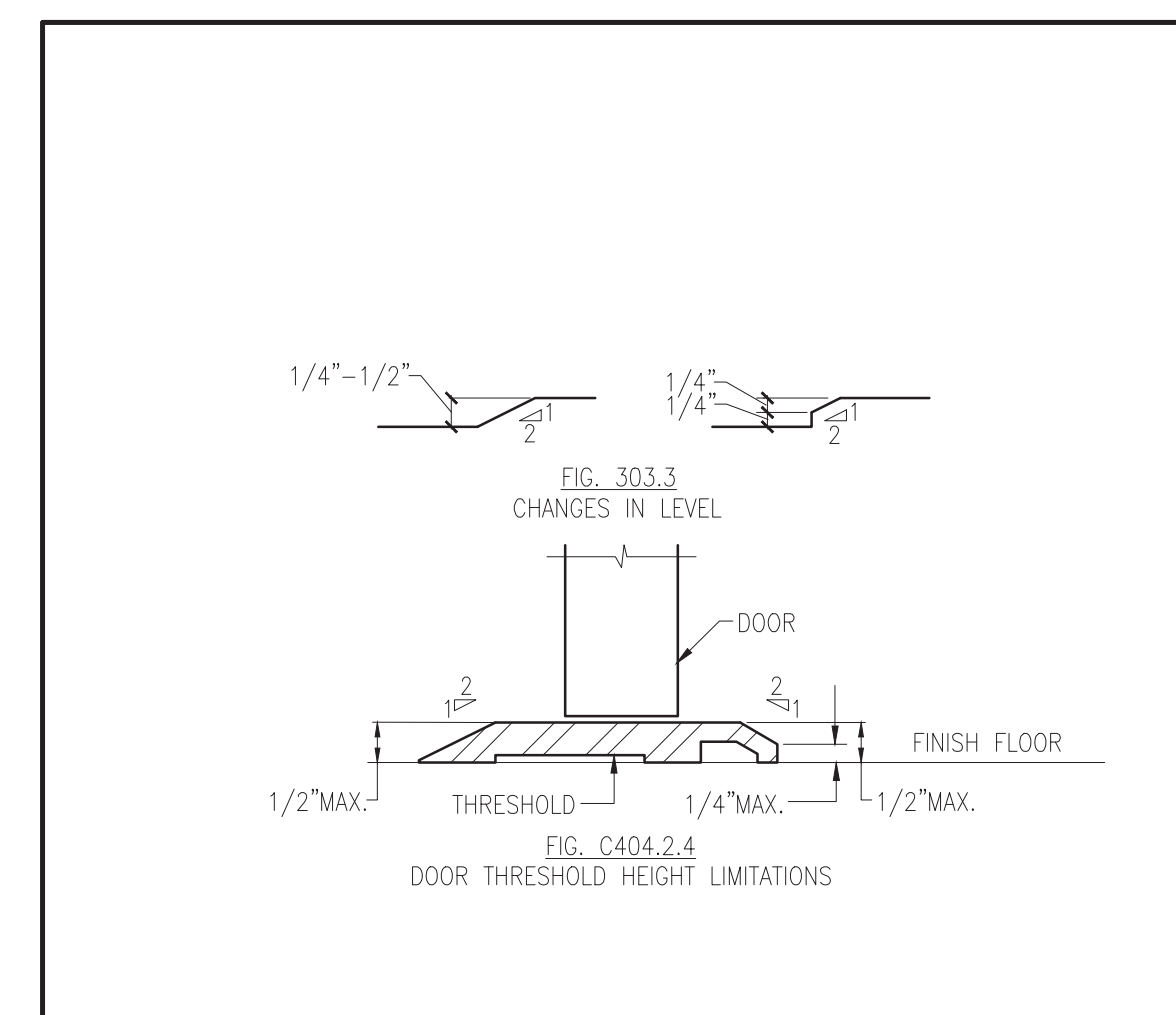
**306 G-010 KNEE & TOE CLEARANCE**  
SCALE: 1/4" = 1'-0"



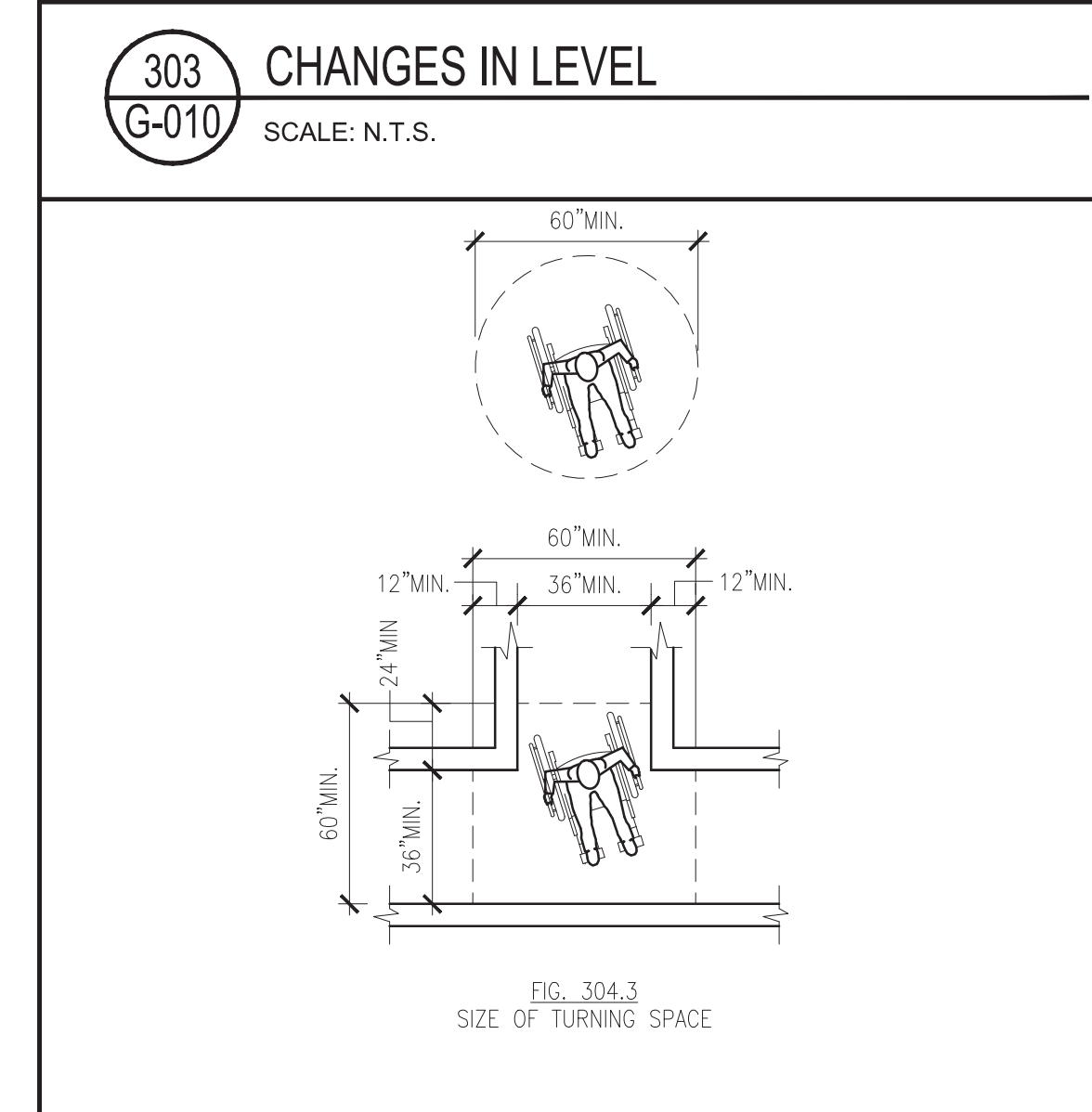
**307 G-010 PROTRUDING OBJECTS**  
SCALE: 1/4" = 1'-0"



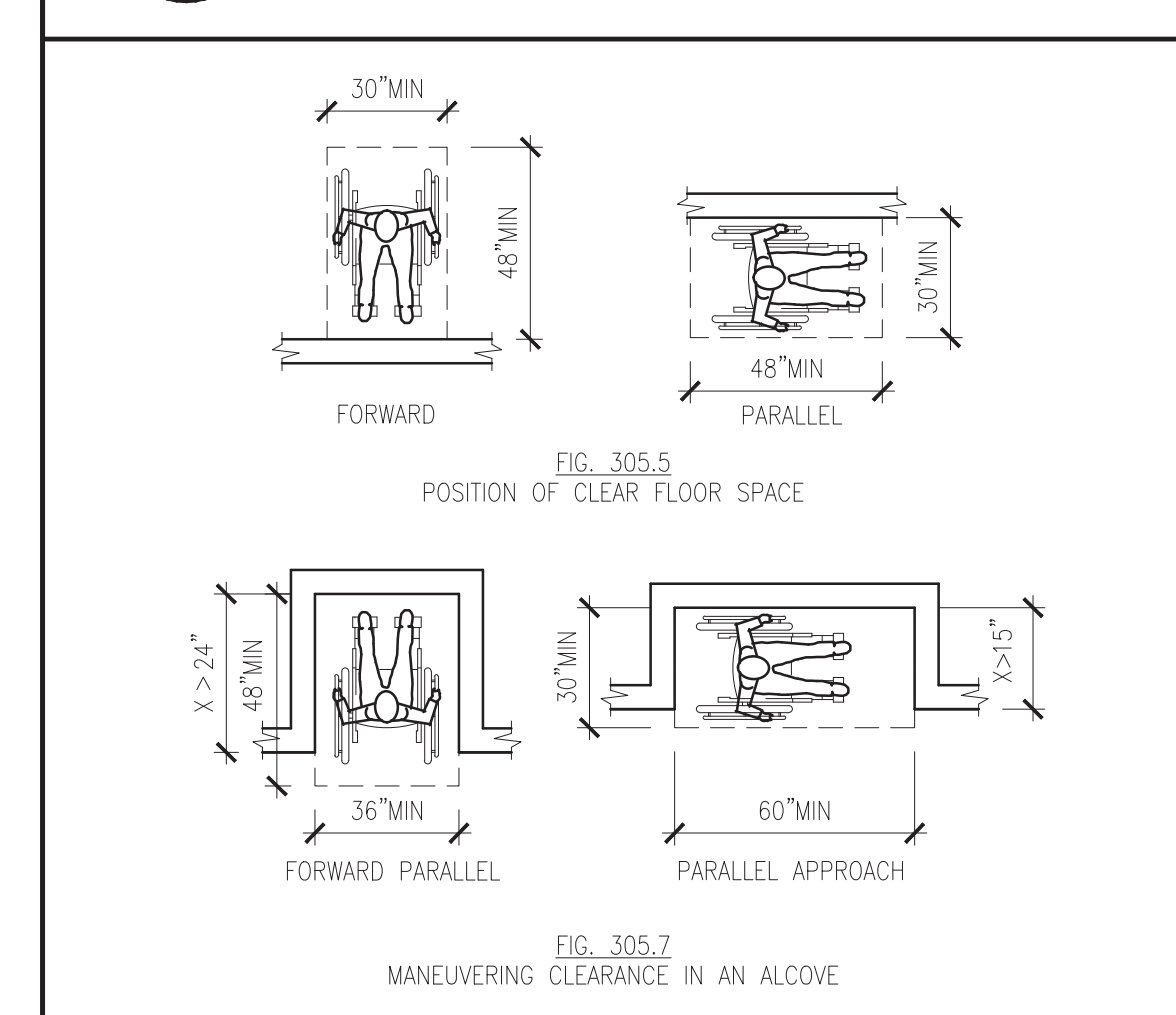
**402 G-010 ACCESSIBLE ROUTE**  
SCALE: 1/4" = 1'-0"



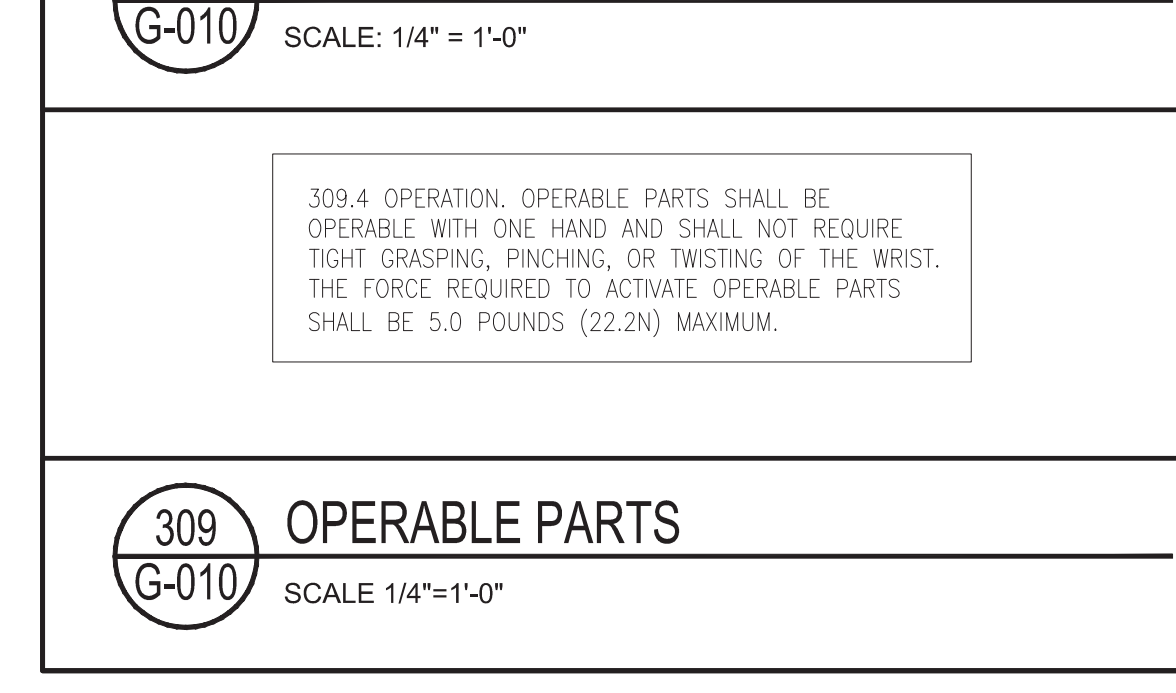
**303 G-010 CHANGES IN LEVEL**  
SCALE: N.T.S.



**304 G-010 TURNING SPACE**  
SCALE: 1/4" = 1'-0"

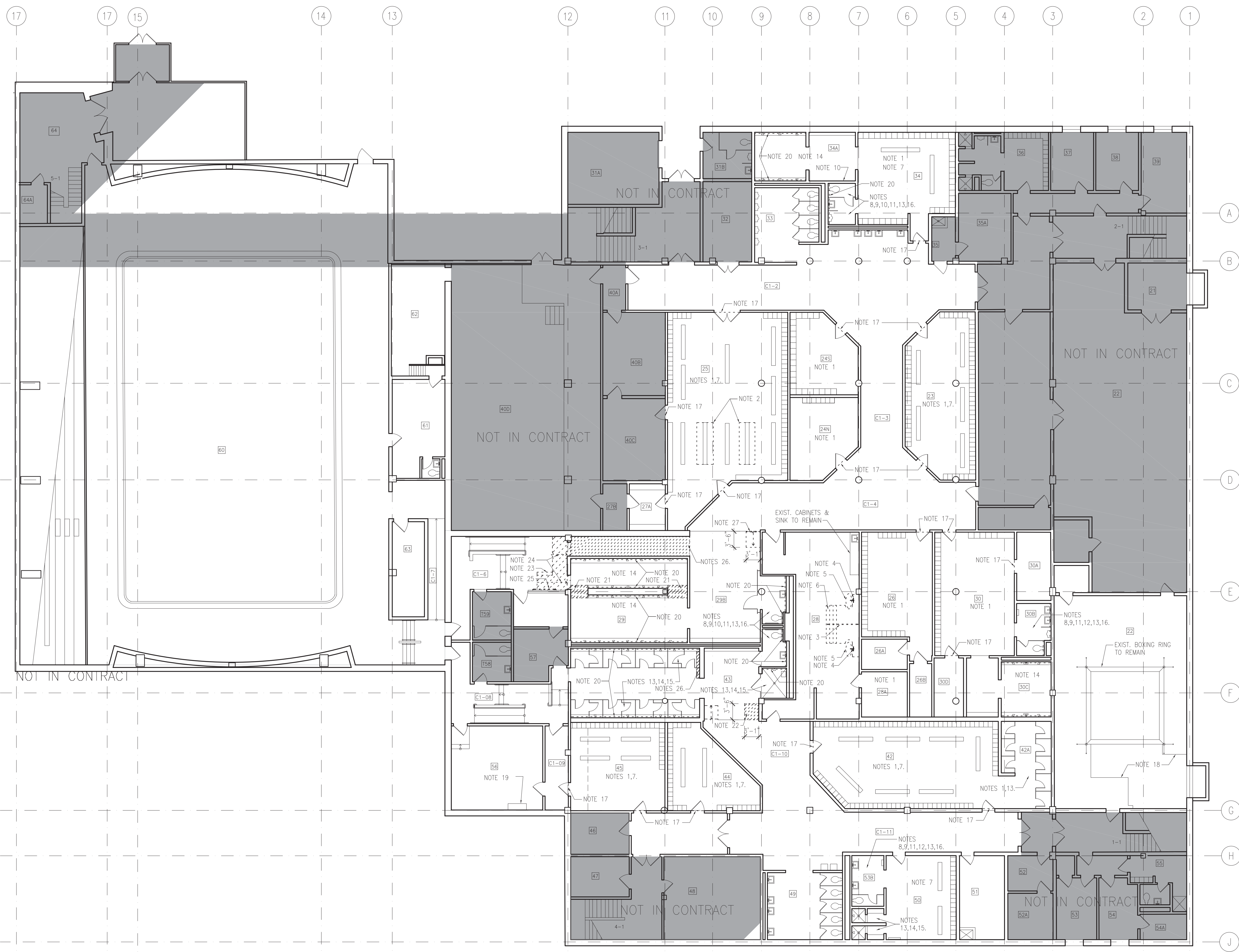


**305 G-010 CLEAR FLOOR SPACE**  
SCALE: 1/4" = 1'-0"



**309 G-010 OPERABLE PARTS**  
SCALE: 1/4" = 1'-0"





**GENERAL NOTES:**

- A. ALL WALL MOUNTED FIXTURES (SIGNS, EL. SWITCHES & OUTLETS, FIRE ALARM & SUPPRESSION DEVICES, WALL MOUNTED OR RECESSED PANELS & CABINETS, E.T.C.) ON THE WALLS SCHEDULED TO RECEIVE NEW TILE, TO BE TEMPORARILY REMOVED AND STORED.
- B. ALL TEMPORARILY REMOVED ITEMS TO BE REINSTALLED AT THE ORIGINAL LOCATION AFTER INSTALLATION OF NEW WALL OR FLOOR TILES U.N.O.
- C. IF CONDITIONS NOT SPECIFIED IN CONTRACT DOCUMENTS FOUND DURING CONSTRUCTION, CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO ANY ACTION IN RELATION TO NOT SPECIFIED CONDITION.
- D. CONTRACTOR SHALL NOT SCALE DRAWINGS, ALL DIMENSIONS TO BE VERIFIED IN FIELD.
- E. CONTRACTOR SHALL TAKE ALL APPROPRIATE SAFETY MEASURES DURING WATERPROOFING OF EXISTING ELECTRICAL RM. ARCHITECT ASSUMES NO RESPONSIBILITIES FOR THE CONTRACTORS SAFETY PROCEDURES IN CONNECTION WITH THE WORK.
- F. HATCHED AREA NOT IN CONTRACT

**DEMO. NOTES:**

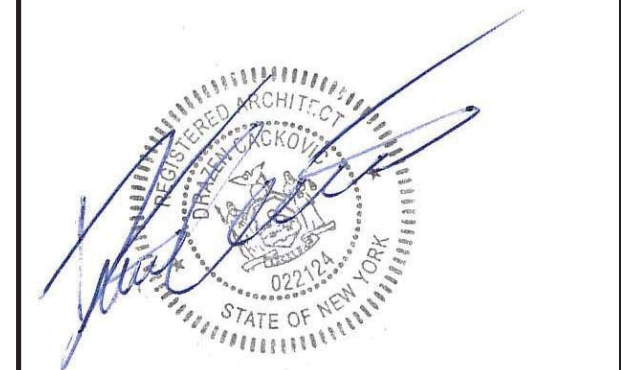
- 1. REMOVE AND DISPOSE OF EXISTING CARPET, CLEAN ADHESIVE FROM TILES.
- 2. REMOVE AND DISPOSE OF EXISTING CONCRETE BLOCK CURB.
- 3. REMOVE EXISTING RAILING.
- 4. DISCONNECT AND REMOVE EXISTING FAUCETS AND ASSOCIATED PIPING, CUT AND CAP PIPING BEYOND WALL SURFACE. PATCH WALL W/ MORTAR TO ATTAIN SMOOTH SURFACE FLUSH W/ EXIST. FIN. WALL SURFACE.
- 5. REMOVE EXISTING SOAKING TUBS & FLOOR DRAINS, CAP DRAIN PIPE MIN. 2" BELOW FLOOR SURFACE, PATCH FLOOR W/ CONCRETE FLUSH W/ FLOOR SURFACE.
- 6. REMOVE AND DISPOSE OF EXISTING TILE CLAD CMU PEDESTAL.
- 7. TEMPORARILY REMOVE EXISTING BENCHES.
- 8. DISCONNECT AND TEMPORARILY REMOVE EXIST. WALL MOUNT SINK AND ALL ASSOCIATED ACCESSORIES: FAUCET, MIRROR, SOAP DISPENSER E.T.C.
- 9. DISCONNECT AND TEMPORARILY REMOVE EXIST. WALL MOUNT TOILET BOWL AND FLUSH VALVE.
- 10. TEMPORARILY REMOVE EXIST. GRAB BARS.
- 11. TEMP. REMOVE EXIST. TOILET PAPER DISPENSER.
- 12. DISCONNECT AND TEMP. REMOVE EXIST. WALL MOUNT URINAL AND FLUSH VALVE.
- 13. TEMP. REMOVE EXIST. TOILET/SHOWER PARTITIONS.
- 14. TEMP. REMOVE SHOWER HEADS, CONTROLS AND WALL MOUNT SOAP DISPENSERS. DISCARD SOAP DISPENSERS.
- 15. TEMP. REMOVE WALL MOUNT BENCH.
- 16. TEMP. REMOVE WALL MOUNT DRIER.
- 17. REMOVE EXISTING REDUCER STRIP.
- 18. TEMP. REMOVE EXIST. MAT.
- 19. TEMP. DISASSEMBLE EXISTING EL. PANEL AS NEEDED TO WATERPROOF EXISTING CONDUITS AND CONDUIT PENETRATIONS.
- 20. REMOVE AND DISPOSE OF EXIST. WALL TILE TO THE EXTENT OF DASHED LINE. REMOVE HARDENED THINSET RESIDUE, CLEAN AND PREPARE WALL TO RECEIVE NEW TILE.
- 21. SAWCUT AND REMOVE EXIST. TILE AND ELEVATED PORTION OF CONCRETE SLAB, CLEAN & PREPARE SLAB TO RECEIVE LEVELING MORTAR.
- 22. SAWCUT AND REMOVE EXISTING TILE AND CONCRETE SLAB FOR RAMP INSTALLATION.
- 23. REMOVE EXIST. CMU LOW WALL.
- 24. REMOVE EXIST. CONCRETE RAMP.
- 25. REMOVE AND DISCARD EXISTING RAILING.
- 26. REMOVE AND DISPOSE OF EXIST. FLOOR TILE, CLEAN AND PREPARE SLAB TO RECEIVE LEVELING CONCRETE MIX.
- 27. SAWCUT & REMOVE EXIST. CONC. SLAB & TILE TO ENLARGE WIDTH AND ADJUST SLOPE OF EXIST. CONCRETE RAMP.

**LEGEND**

Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
**VALHALLA, NY**

Consultants



REVISIONS			
No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

Drawing:  
**FIRST FLOOR DEMOLITION PLAN**

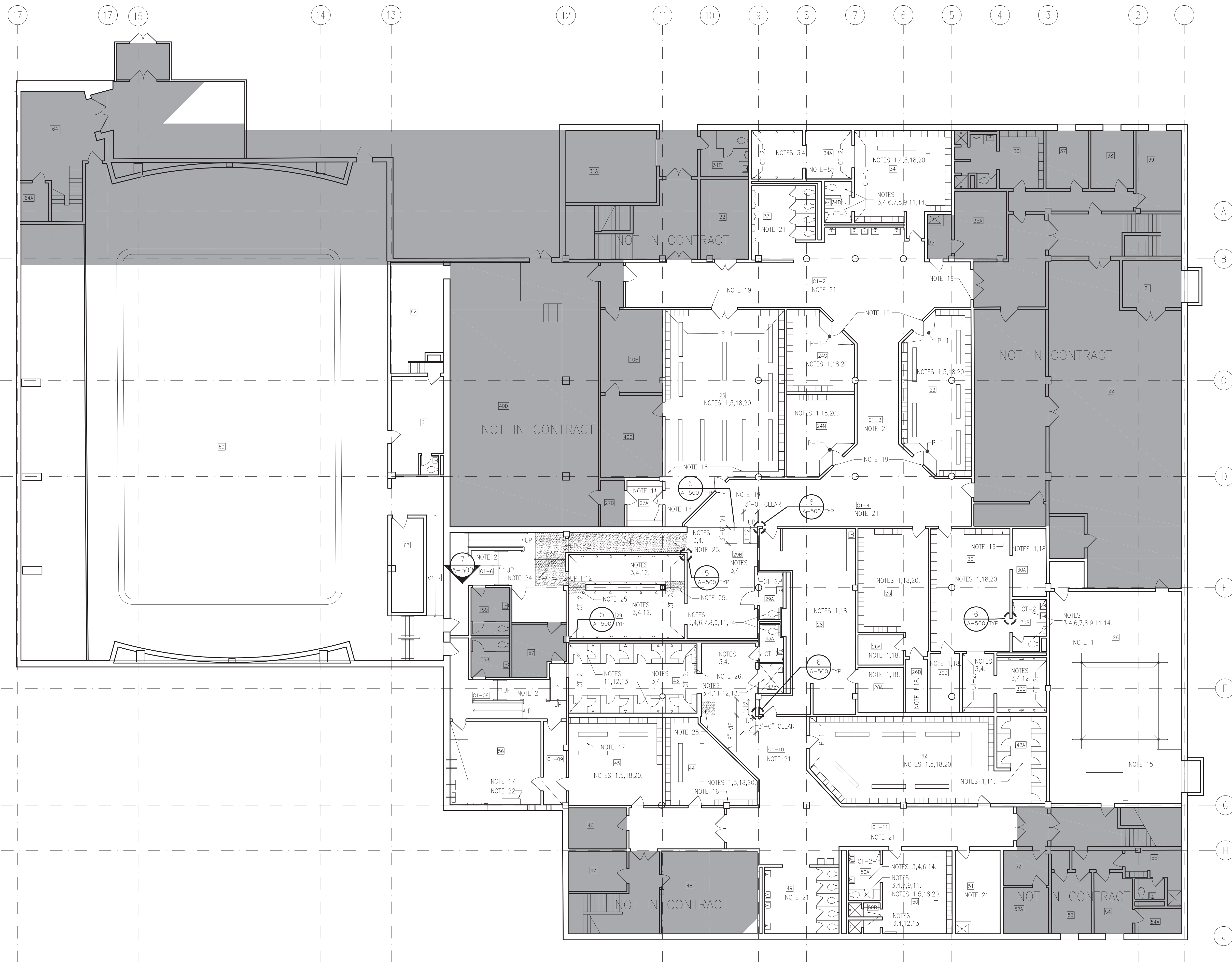
Project Number: 18041 Responsible Party: A.J. Reviewed By: D.C.

Scale: AS NOTED

Drawing Number:  
**A-101D**







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- F. CONTRACTOR SHALL PROVIDE MIN. 5% OF USED FINISH MATERIALS (FLOOR AND WALL TILES) FOR STACK.
- G. CONTRACTOR SHALL SLOPE NEW TILE TO FLOOR DRAIN AND ADJUST FLOOR DRAINS TO NEW TILE HEIGHT.
- H. CONTRACTOR TO UNDERCUT DOORS IF /AS REQUIRED AFTER INSTALLATION OF NEW FLOOR TILE.
- I. PRIOR TO SANDING, CONTRACTOR SHALL REMOVE AND RESET ANY LOOSE TILE (FLOOR & WALL) WITH LATEX-MODIFIED THIN-SET.

**CONSTRUCTION NOTES:**

- 1. FILL EXISTING CERAMIC TILE JOINTS WITH GROUT TO ATTAIN SMOOTH AND LEVEL SURFACE, INSTALL NEW ATTRACTION FLOOR TILE, SEE FLOOR PATTERN DRAWINGS.
- 2. INSTALL NEW ATTRACTION FLOOR TILE ON EXIST. CONCRETE FLOOR AND RAMPS, SEE FLOOR PATTERN DRAWINGS.
- 3. SAND EXISTING FLOOR CERAMIC TILE AND INSTALL NEW PORCELAIN TILE PER FLOOR PATTERN DRAWINGS, SEE SPEC. AND INSTALLATION DETAILS.
- 4. SAND EXISTING WALL TILE AND INSTALL NEW PORCELAIN TILE, SEE SPEC. AND INSTALLATION DETAILS. TILE TO BE CT-1 U.N.O. LAY TILES HORIZONTALLY, ALINE JOINTS W/ FLOOR TILE JOINTS.
- 5. REINSTALL EXISTING FLOOR MOUNT BENCHES.
- 6. REINSTALL EXIST. WALL MOUNT SINK AND ALL ASSOCIATED ACCESSORIES: FAUCET, MIRROR, SOAP DISPENSER E.T.C.
- 7. REINSTALL EXIST. WALL MOUNT TOILET BOWL AND FLUSH VALVE.
- 8. REINSTALL GRAB BARS.
- 9. REINSTALL TOILET PAPER DISPENSER.
- 10. REINSTALL EXIST. WALL MOUNT URINAL AND FLUSH VALVE.
- 11. REINSTALL EXIST. TOILET/SHOWER PARTITIONS. MAKE NECESSARY ADJUSTMENTS AS REQUIRED FOR REDUCED SPACING BY ±1" DUE TO TILE INSTALLATION.
- 12. REINSTALL SHOWER HEADS AND CONTROLS.
- 13. REINSTALL WALL MOUNT SEAT.
- 14. REINSTALL WALL MOUNT DRIER.
- 15. REINSTALL EXIST. MAT OVER NEW ATTRACTION FLOOR TILE.
- 16. INSTALL NEW PORCELAIN TILE OVER CONCRETE CURB.
- 17. PROVIDE WATERPROOFING OF CONDUITS WITH POLYURETHANE FST, CONDUIT PENETRATIONS AND WALL CRACKS WITH POLYURETHANE FOAM GROUT SEE SPEC. SECTION 07920.
- 18. PAINT EXISTING WALLS W/ P-2 U.N.O. SEE FINISH SCHEDULE.
- 19. PREP & REPAINT EXISTING DOOR FRAME. SEE A-706.
- 20. REPAINT EXIST. LOCKERS.
- 21. ACID WASH EXISTING CERAMIC TILE FLOORS & WALLS.
- 22. REASSEMBLE EXIST. EL. PANEL.
- 23. PATCH AND REPAINT EXIST. CWB SOFFIT.
- 24. PROVIDE NEW CONCRETE RAMP, SLOPE AS INDICATED.
- 25. IN HATCHED AREA LEVEL FLOOR W/ CONCRETE. FLUSH W/ EXIST. FLOOR TILE.
- 26. FILL GUTTER W/ CONCRETE, FLUSH W/ EXIST. TILE.
- 27. FILL RAMP W/ CONCRETE FLUSH W/ EXIST. FLOOR TILE.

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ARCHITECTURE-AN ENGINEERING FIRM

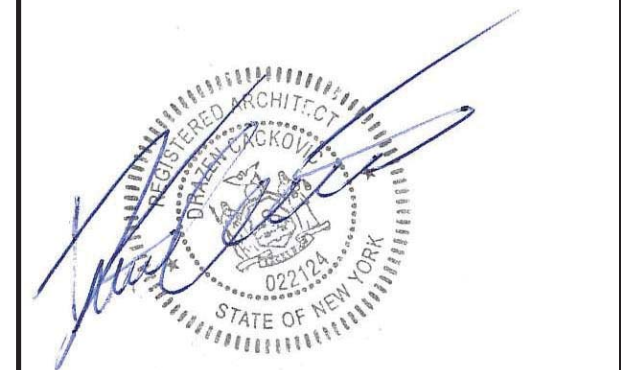
53 HUDSON AVENUE  
NYACK, NEW YORK 10960  
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Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
**VALHALLA, NY**

Consultants



**REVISIONS**

No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

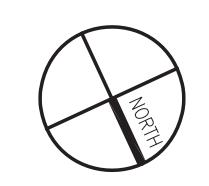
Drawing:  
**FIRST FLOOR PLAN**

Project Number: 18041 Responsible Party: A.J. Reviewed By: D.C.

Scale: AS NOTED

Drawing Number:  
**A-101**

**1 FIRST FLOOR PLAN**  
SCALE: 3/32" = 1'-0"



**LEGEND**  
AREA NOT IN CONTRACT



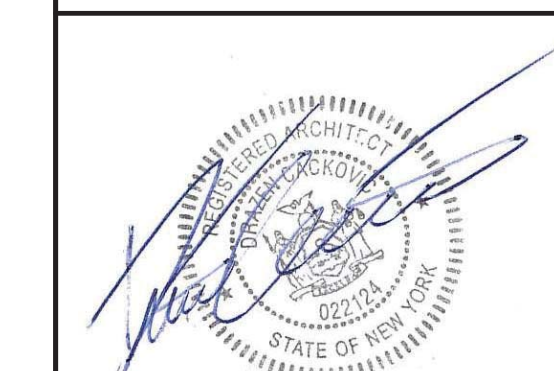


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**REVISIONS**

No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

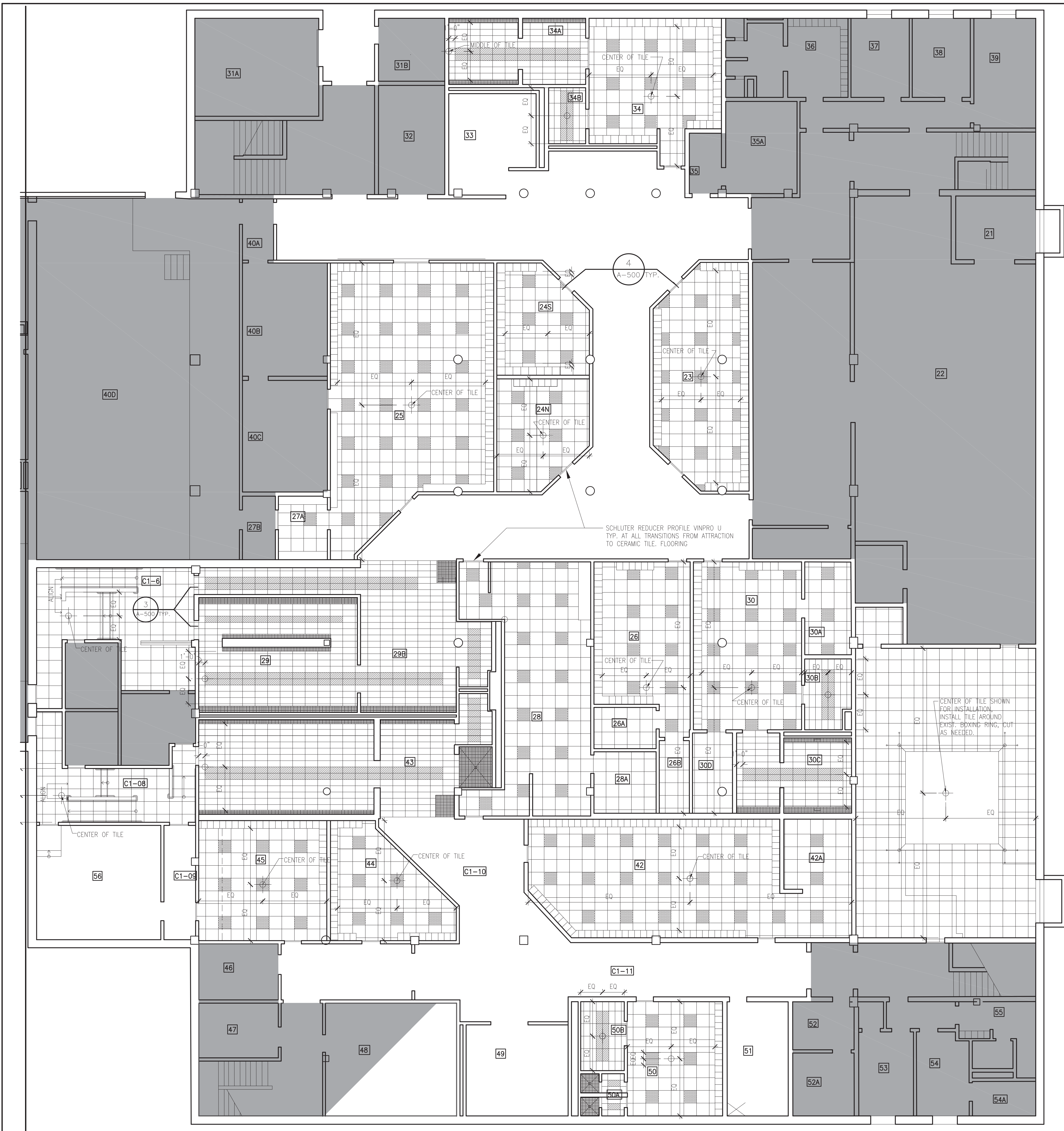
Drawing:  
**FLOOR PATTERN**

Project Number: 18041 Responsible Party: AJ Reviewed By: DC

Scale:  
AS NOTED

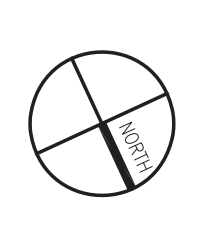
Drawing Number:

**A-103**




**LEGEND**

- FF-1
- FF-2
- CT-1
- CT-2
- CT-3
- START POINT
- AREA NOT IN CONTRACT



**1 FLOOR PATTERN PLAN**  
A-103 SCALE: 1/8" = 1'-0"

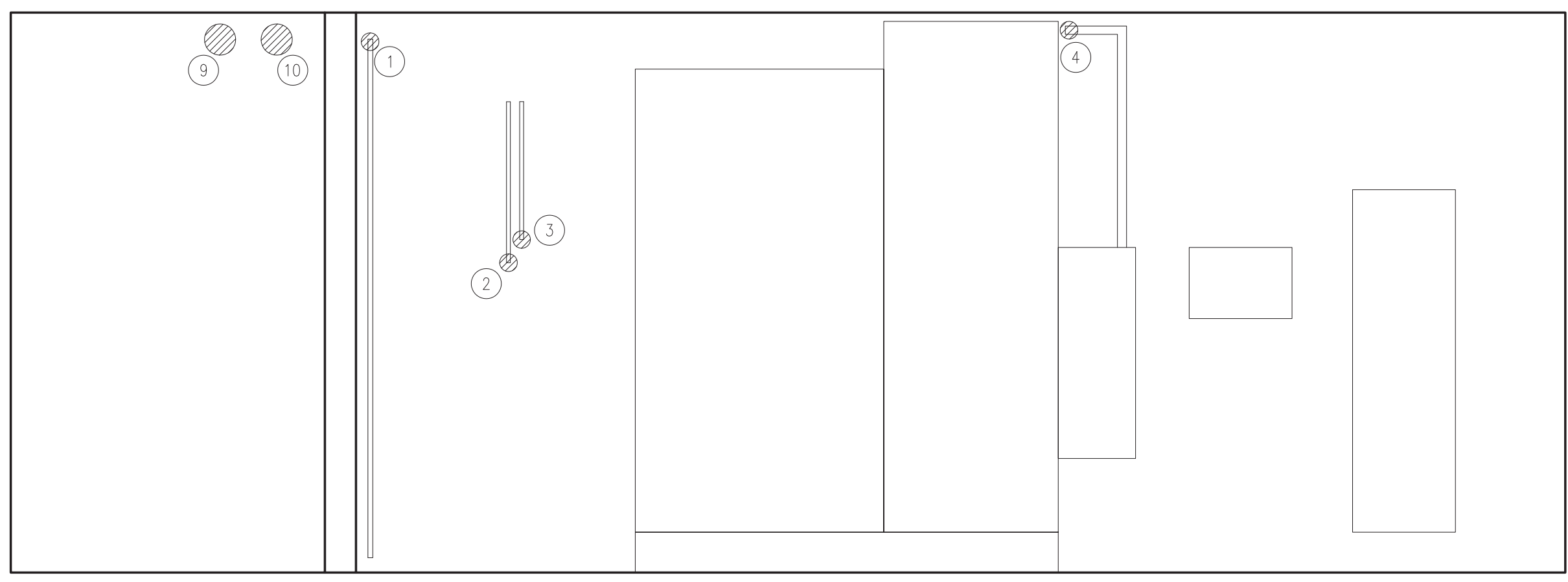
LEGEND:  
 - PENETRATIONS TO BE SEALED

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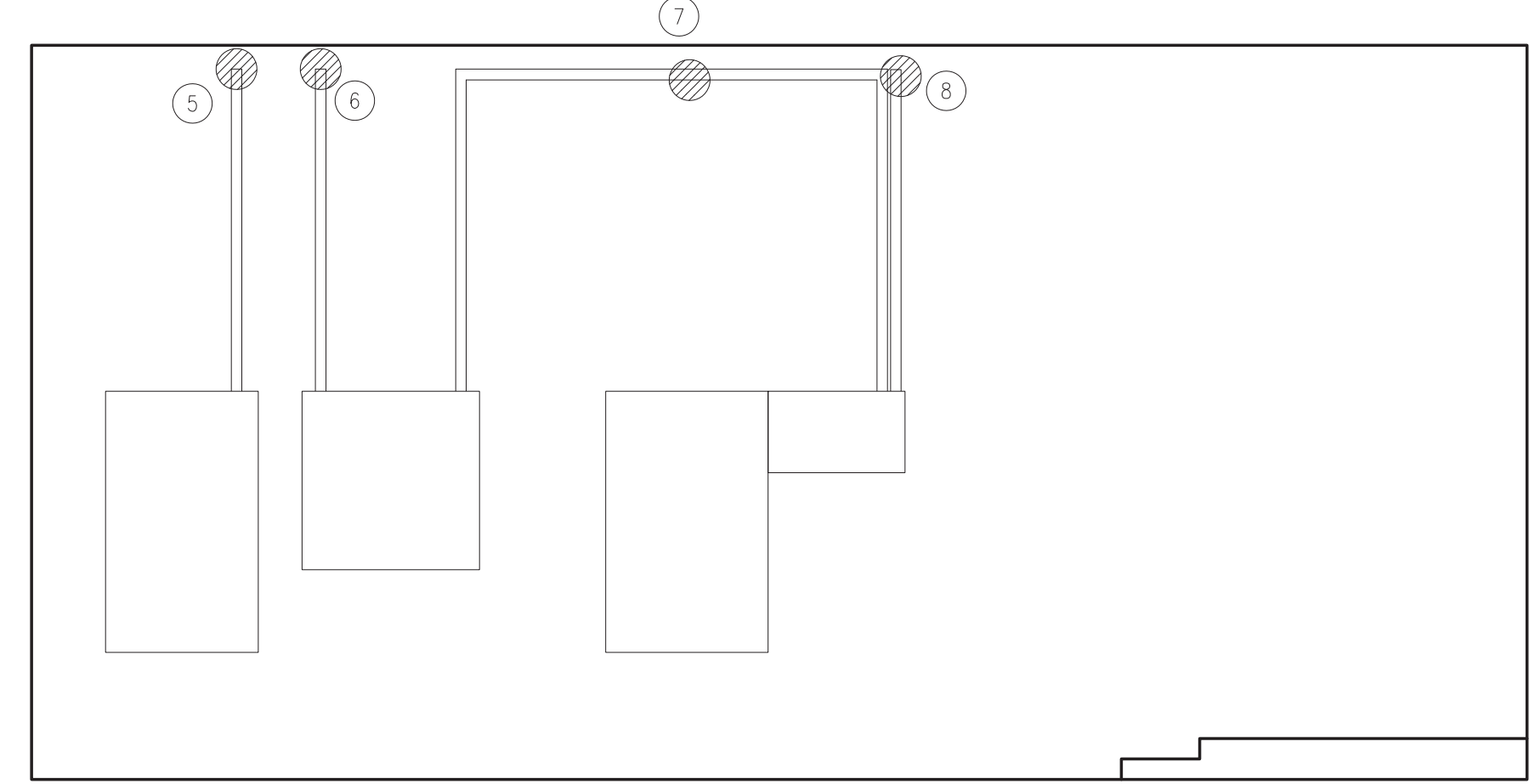
Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
 VALHALLA, NY

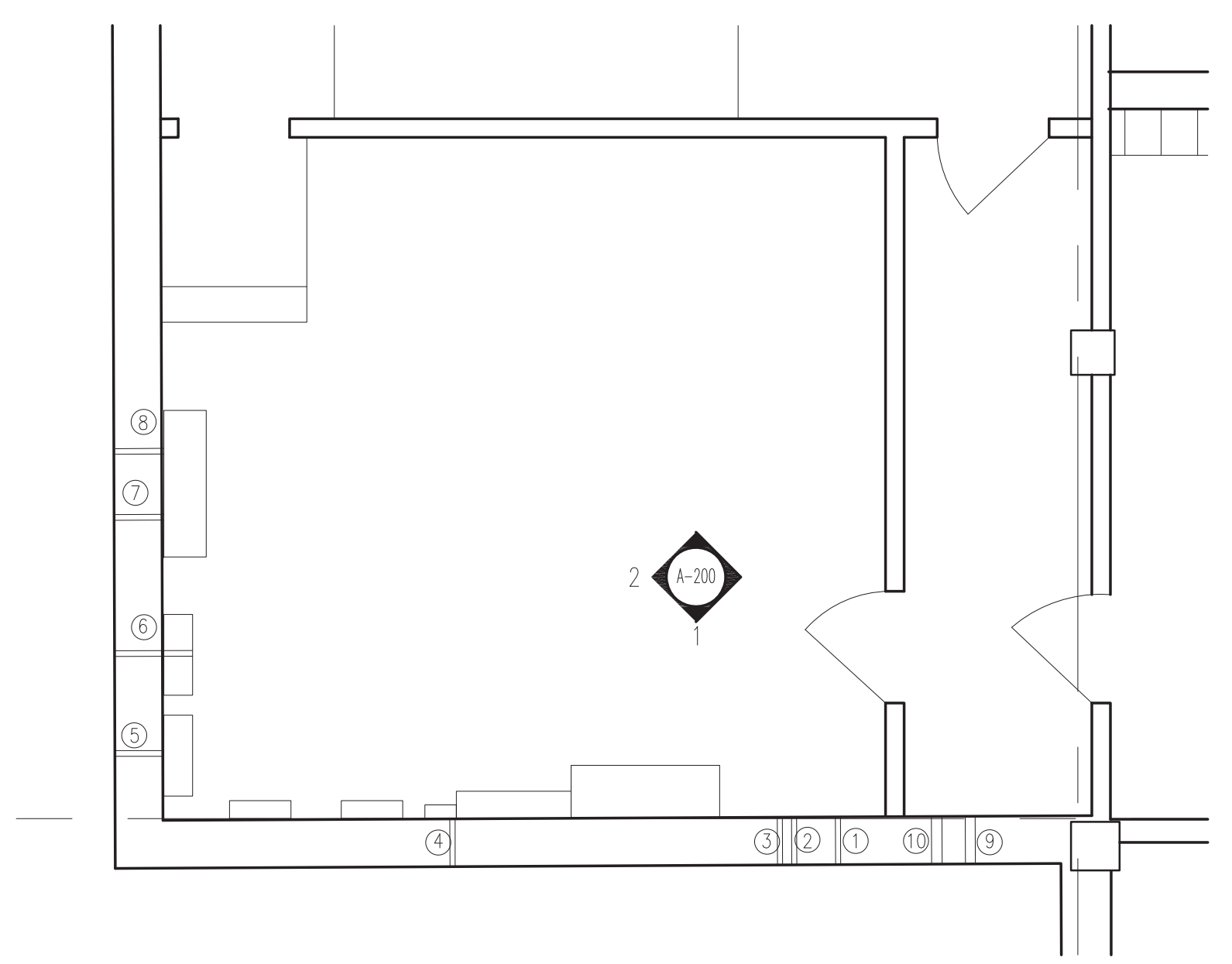
Consultants



**1 ROOM 56 ELEVATIONS**  
 A-310 SCALE: 1/2" = 1'-0"



**2 ROOM 56 ELEVATIONS**  
 A-310 SCALE: 1/2" = 1'-0"



**3 ROOM 56 FLOOR PLAN**  
 A-310 SCALE: 1/4" = 1'-0"



REVISIONS			
No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

Drawing:  
**ELEVATIONS**

Project Number: 18041 Responsible Party: I.S. Reviewed By: A.J.  
 Scale: AS NOTED  
 Drawing Number:

**A-310**

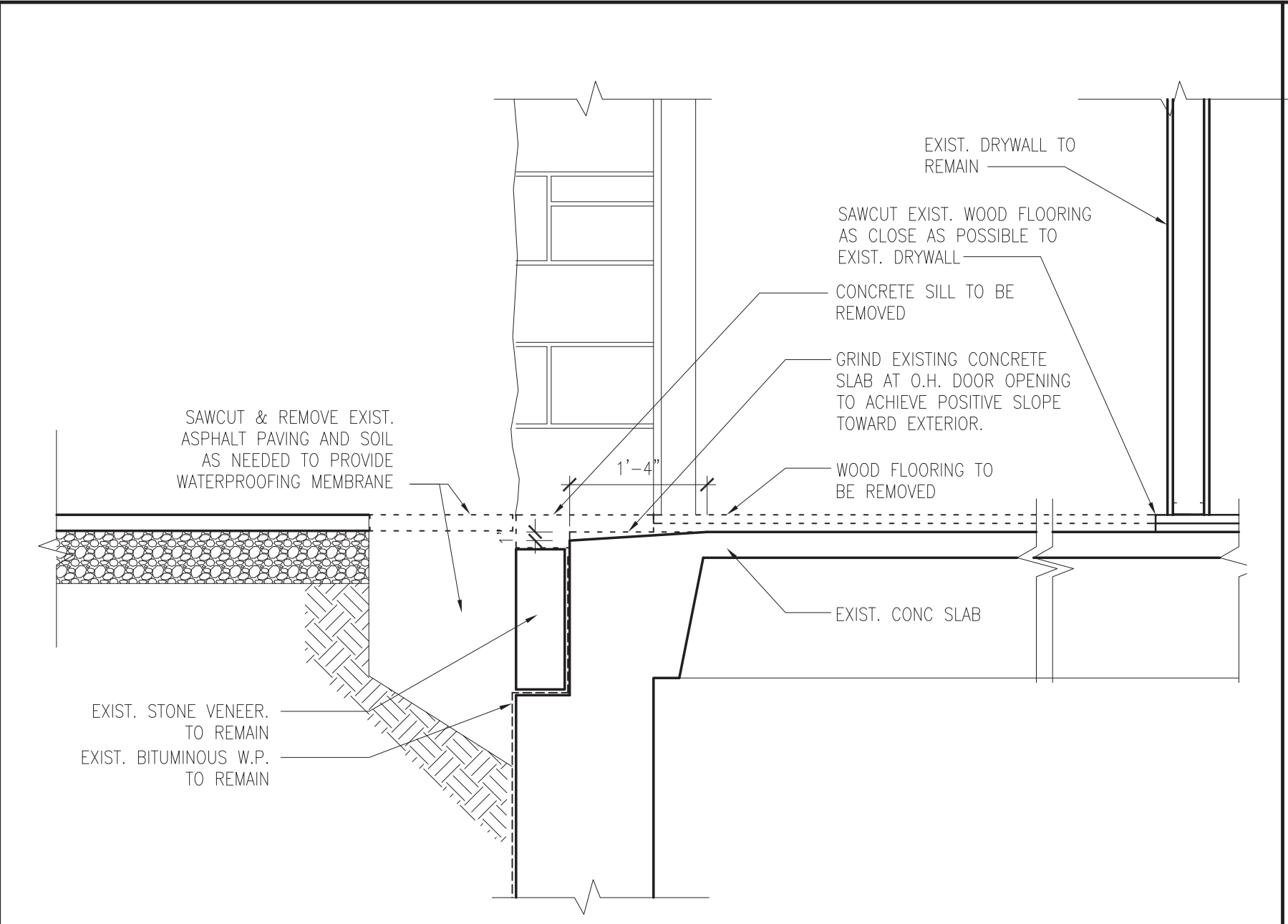


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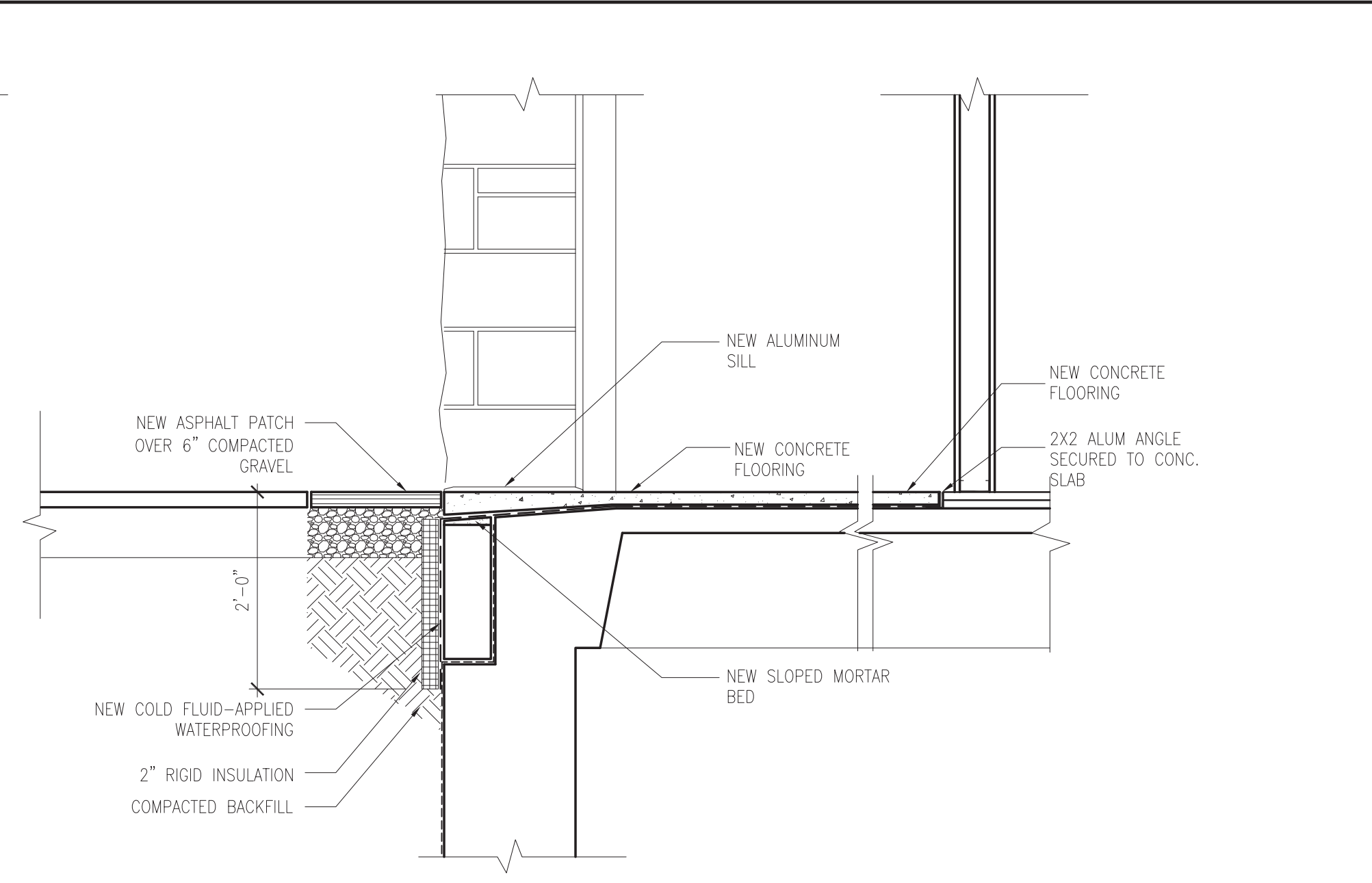
Project Name:  
**RENOVATION OF PHYSICAL EDUCATION BUILDING INFRASTRUCTURE**

Project Address:  
**VALHALLA, NY**

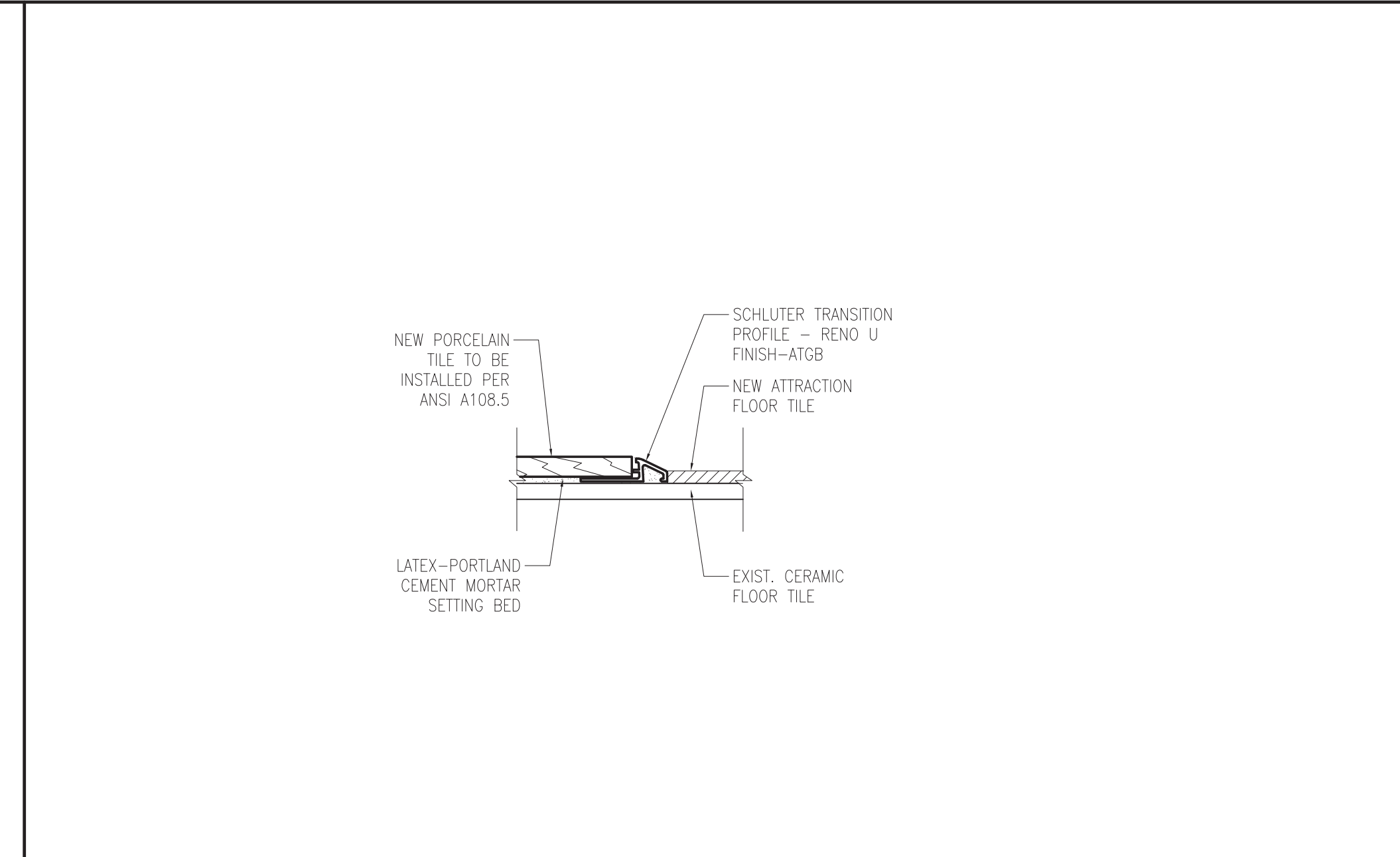
Consultants



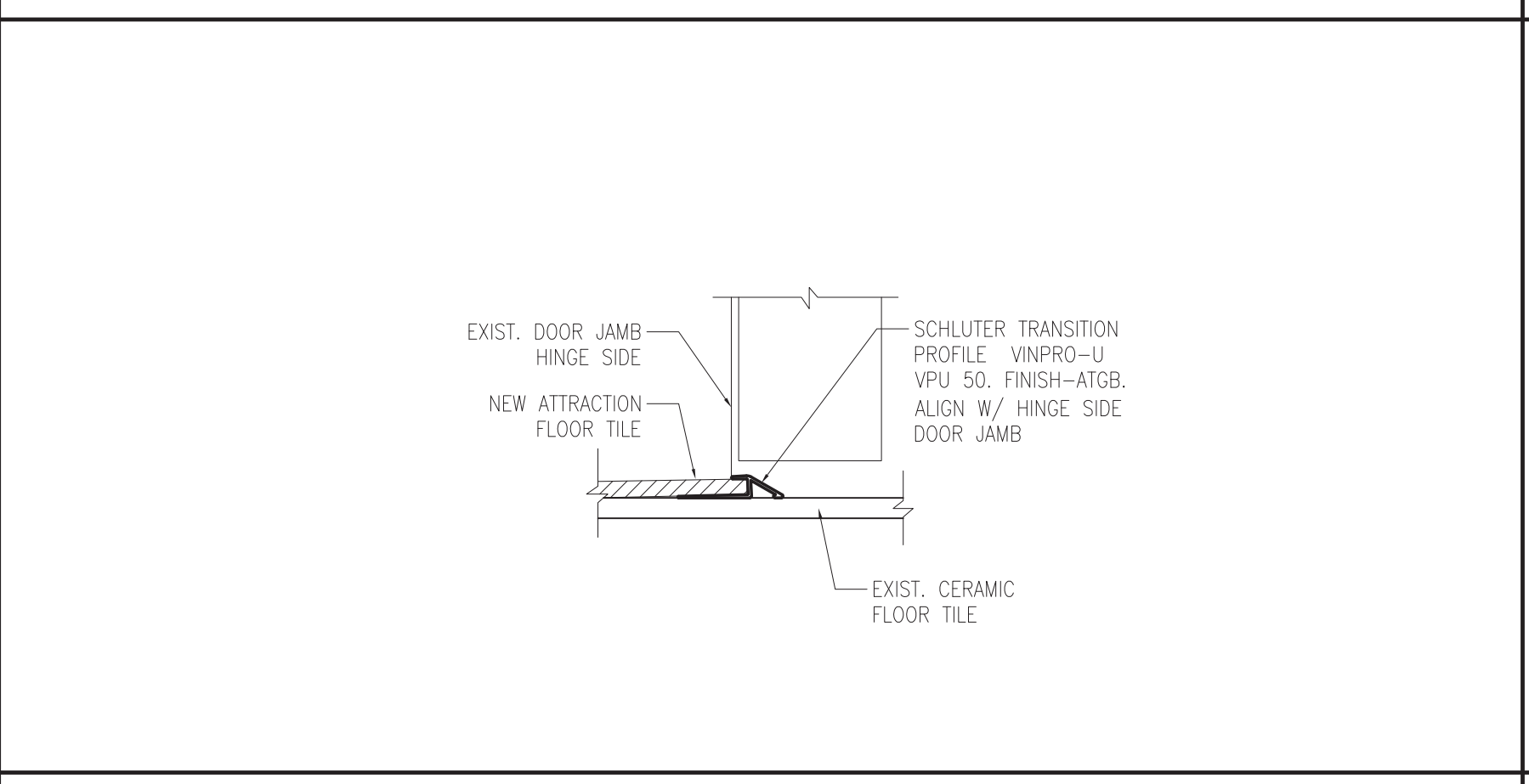
**1 WALL SECTION EXIST. CONDITION**  
SCALE: 3/4" = 1'-0"



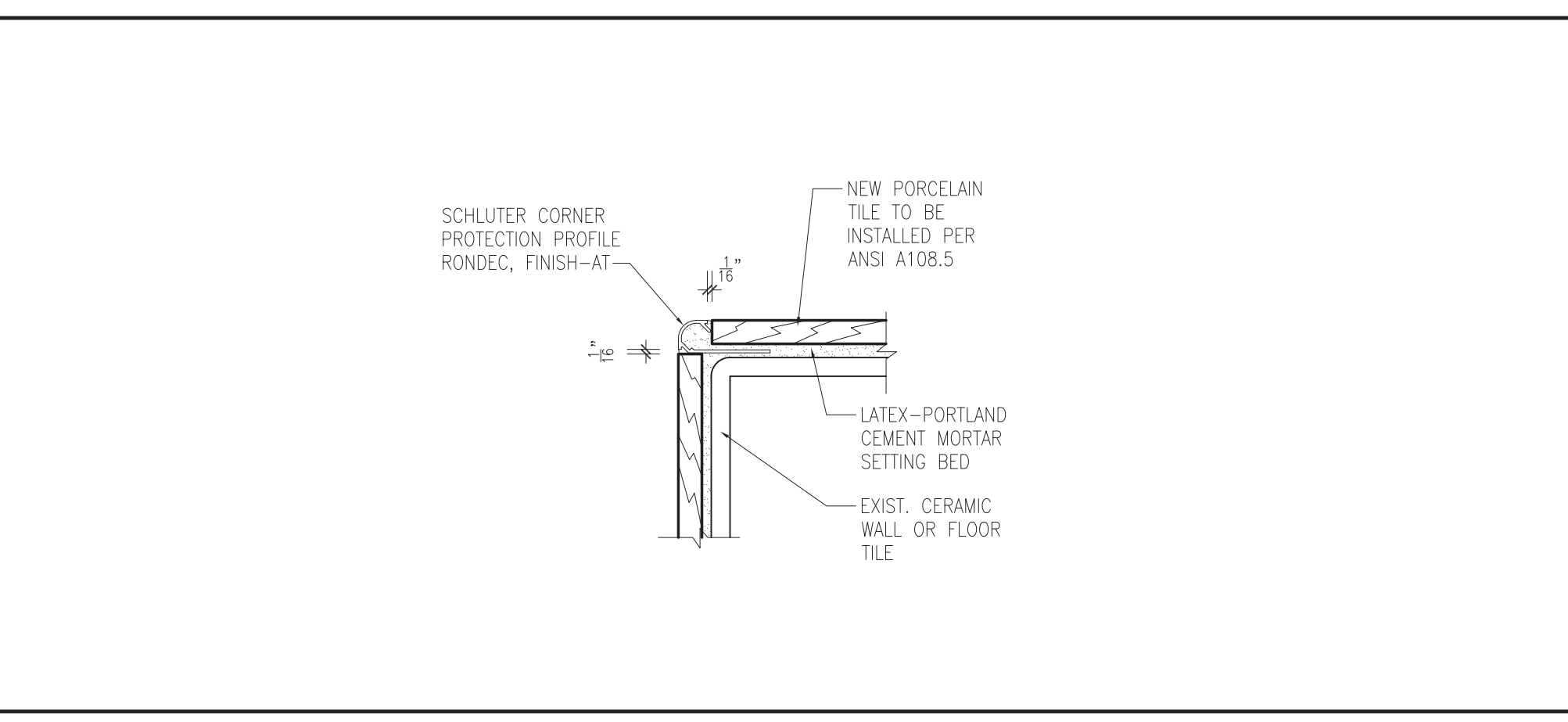
**2 WALL SECTION PROPOSED**  
SCALE: 3/4" = 1'-0"



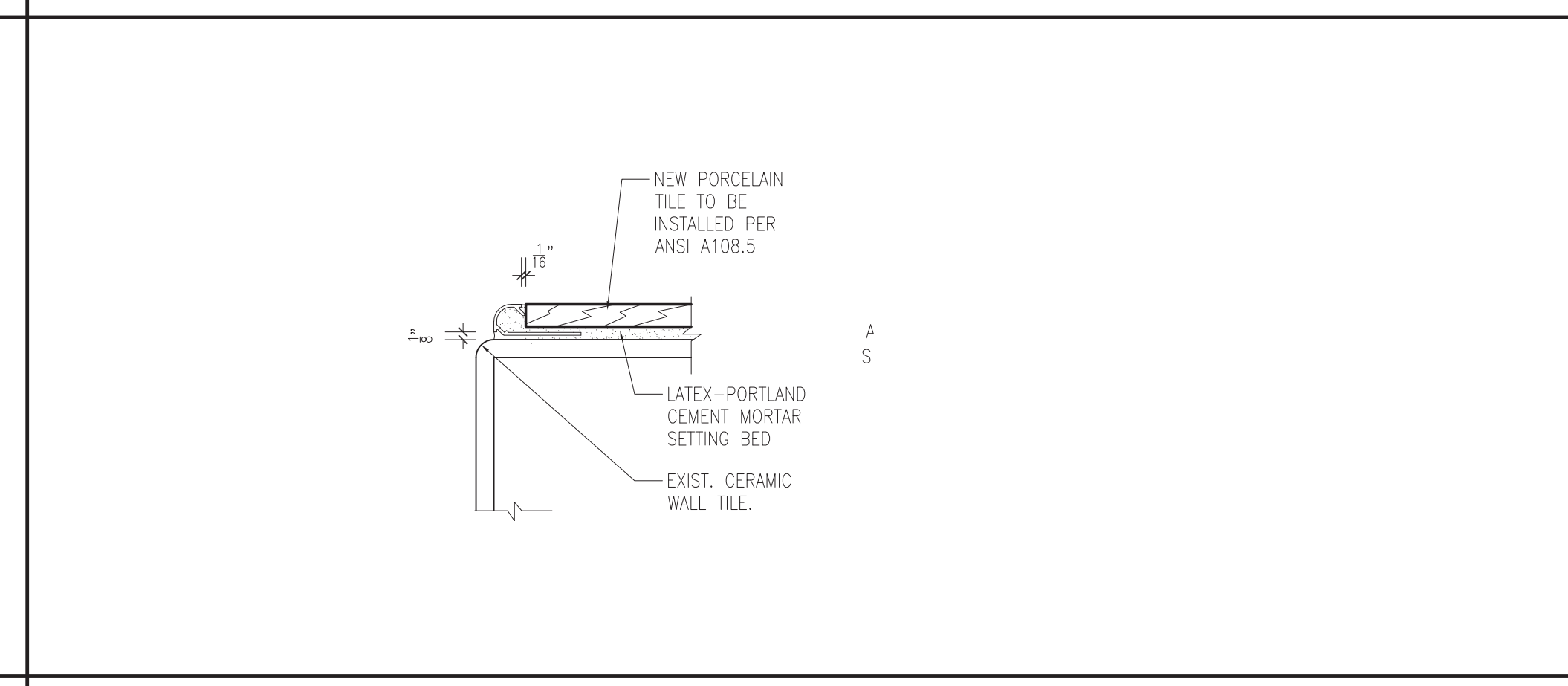
**3 FLOOR TILE TRANSITION DET.**  
SCALE: 6" = 1'-0"



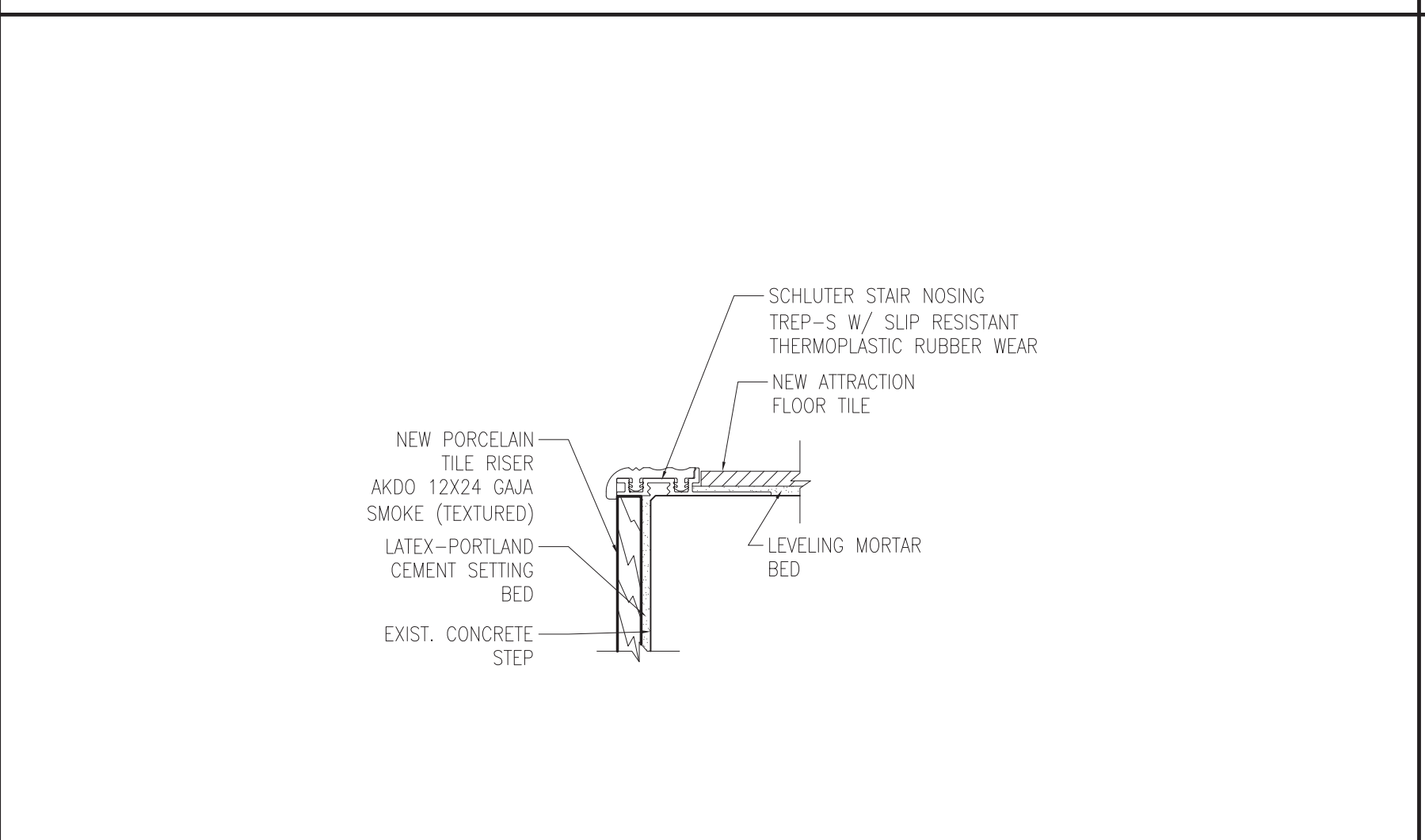
**4 FLOOR TILE TRANSITION DET.**  
SCALE: 6" = 1'-0"



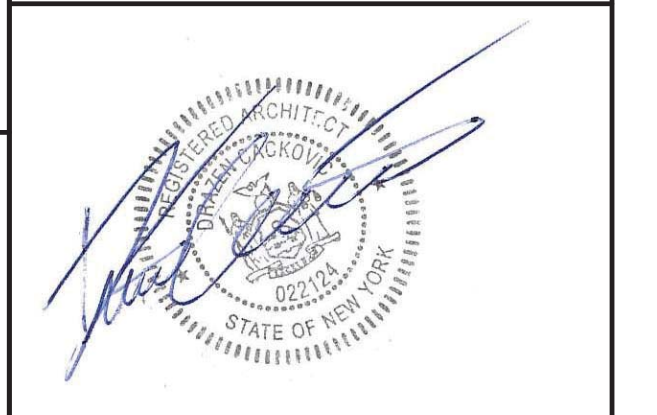
**5 WALL / CURB TILE CORNER DET.**  
SCALE: 6" = 1'-0"



**6 WALL TILE TERMINATION AT CORNER**  
SCALE: 6" = 1'-0"



**7 STAIR RISER & NOSING DETAIL**  
SCALE: 6" = 1'-0"



REVISIONS			
No.	Date	Description	Responsible Party
-	3/9/2020	ISSUED	AJ

Drawing:  
**WALL SECTIONS AND DETAILS**

Project Number: 18041 Responsible Party: AJ Reviewed By: DC

Scale:  
AS NOTED

Drawing Number:  
**A-500**







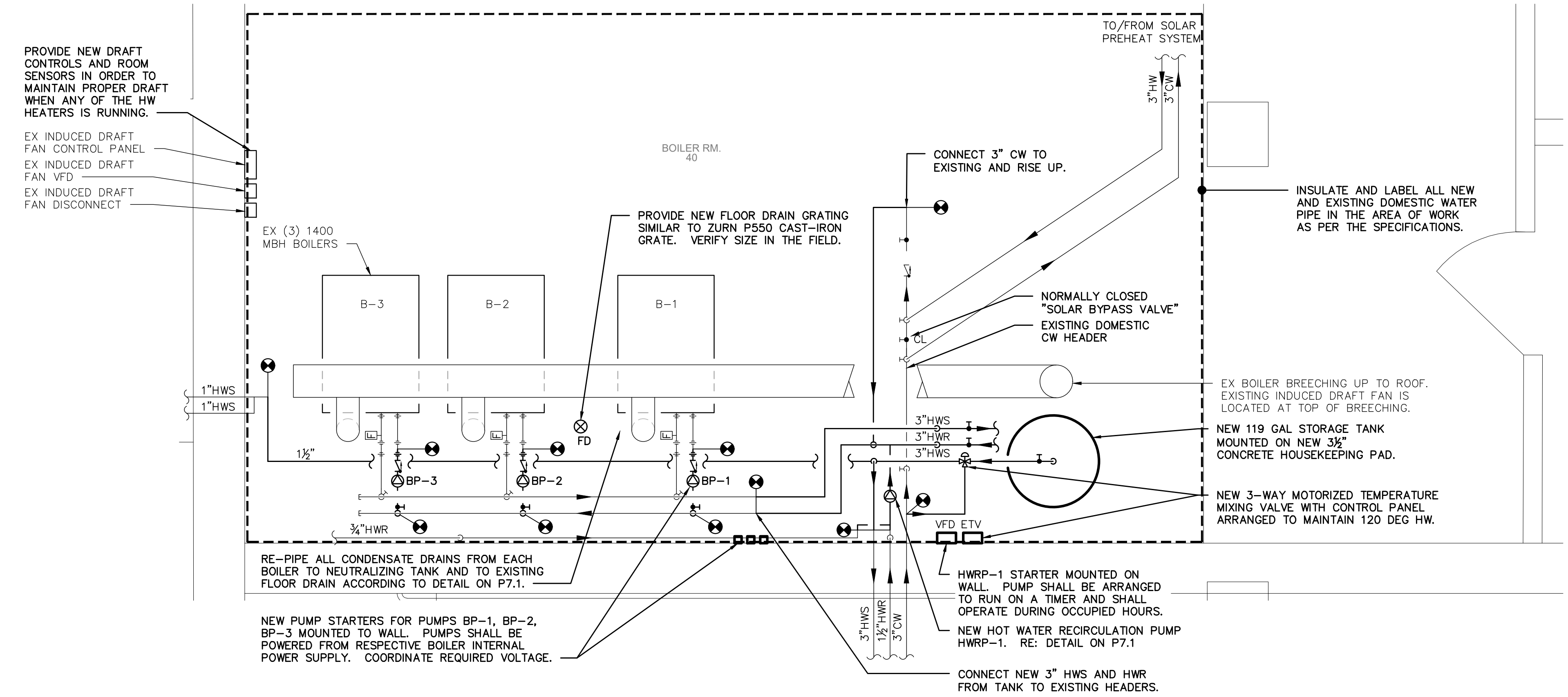
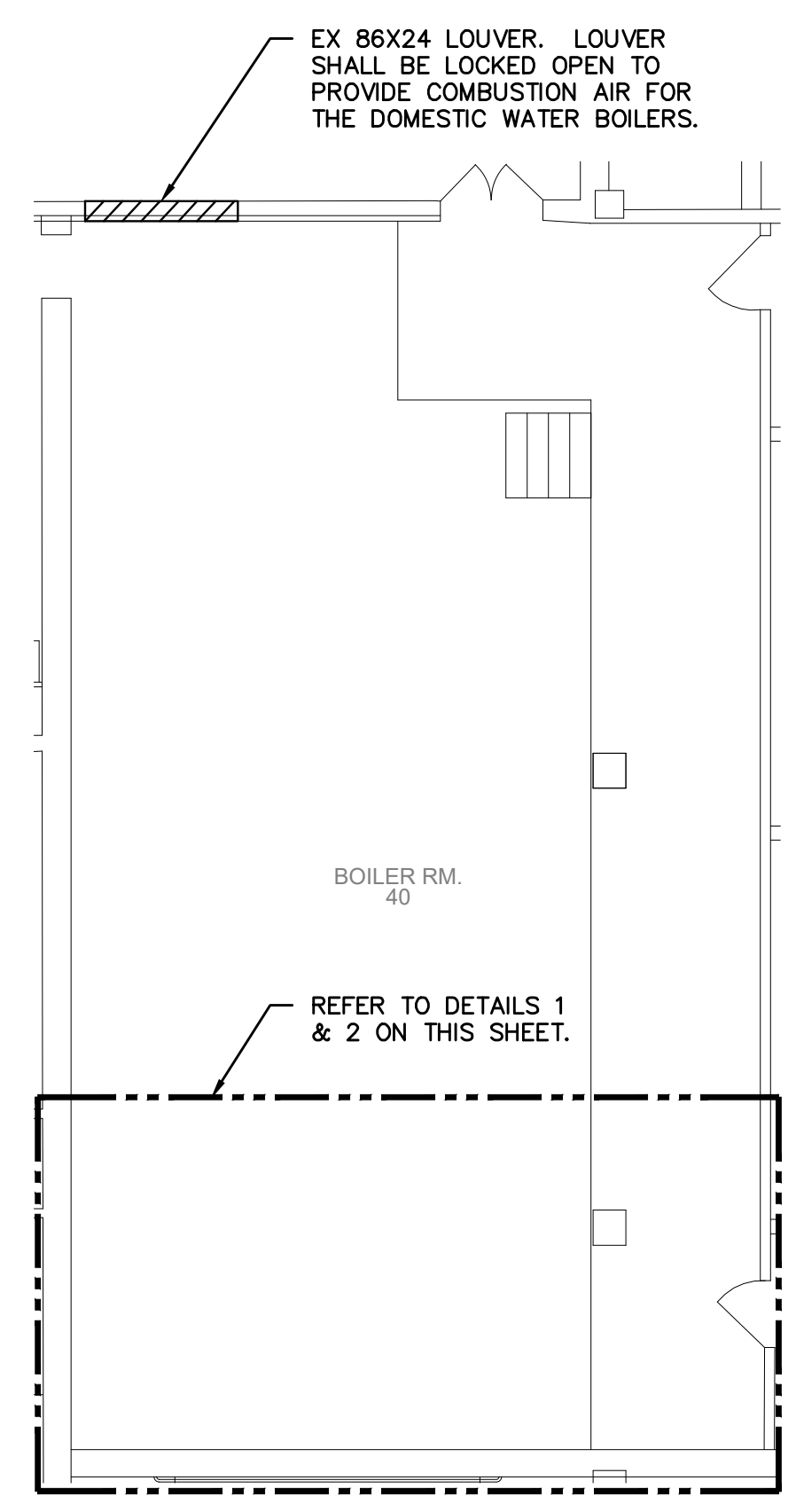




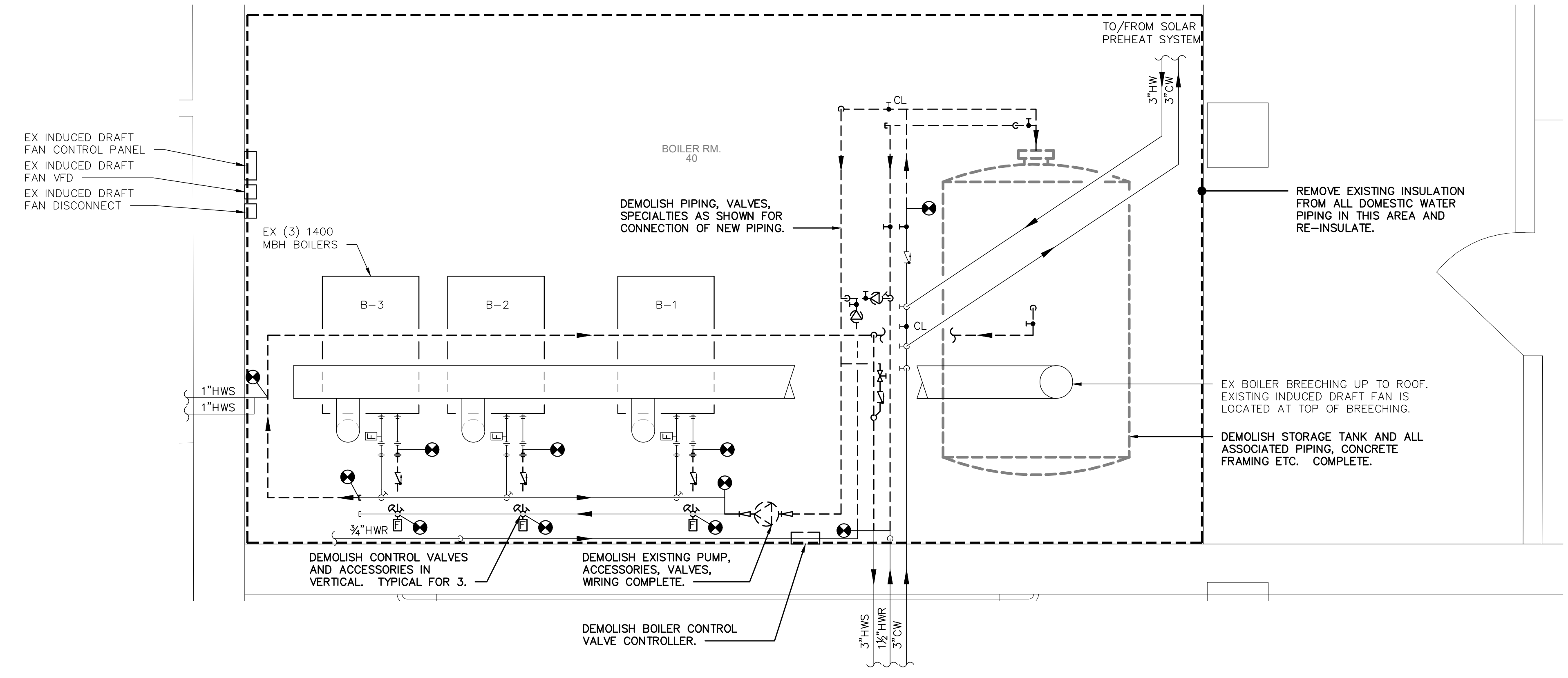




**3** PLUMBING BOILER ROOM  
 COMBUSTION AIR  
 SCALE: 1/8" = 1'-0"  
 NORTH



**2** PLUMBING BOILER ROOM NEW WORK PART PLAN  
 SCALE: 1/2" = 1'-0"  
 NORTH




**1** PLUMBING BOILER ROOM DEMOLITION PART PLAN  
 SCALE: 1/2" = 1'-0"  
 NORTH

No.	ISSUE OR REVISION	DATE
2	ISSUED FOR BID	05/07/21
1	100% REVIEW	06/15/20

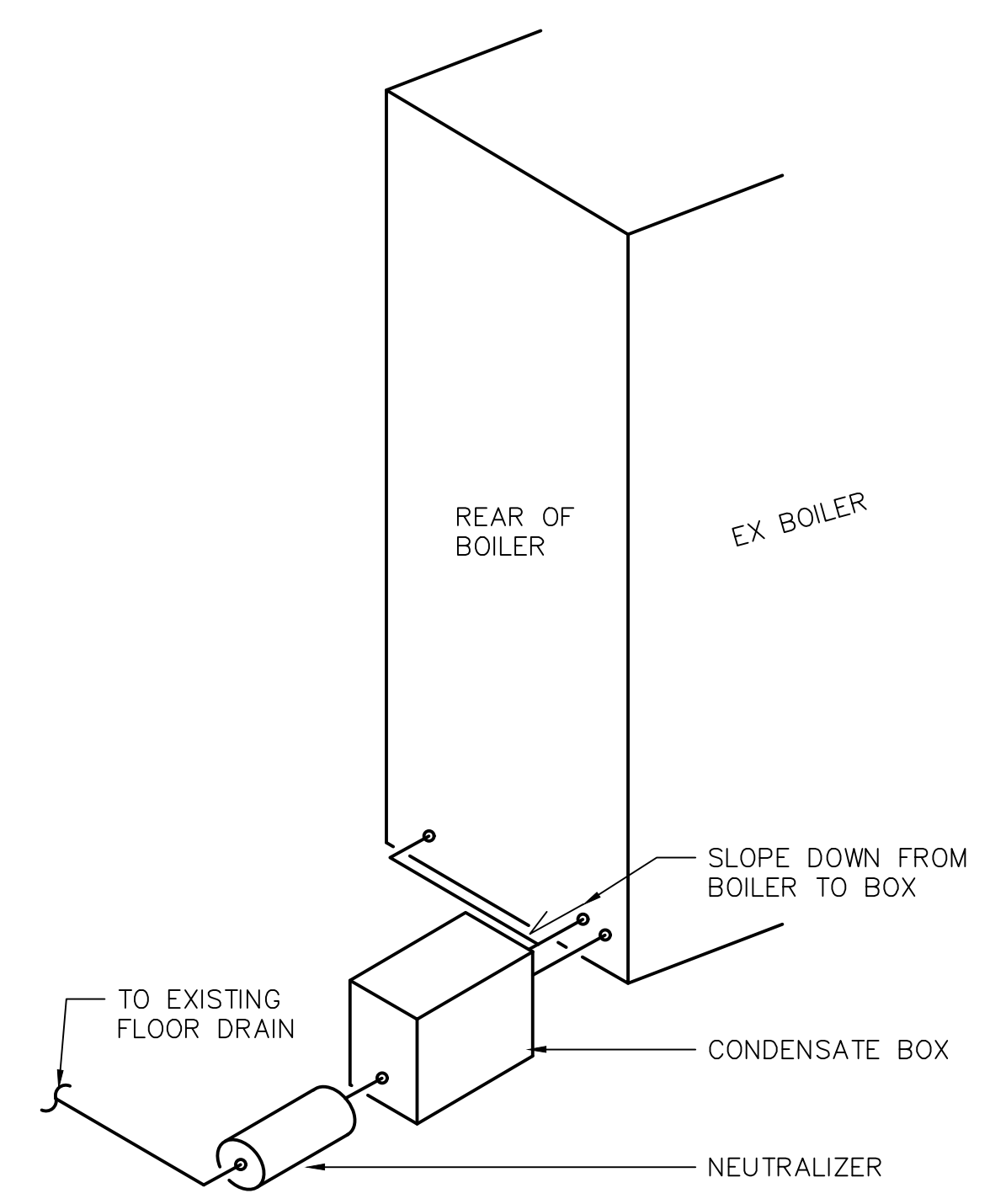
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PROJECT TITLE  
**WCC PHYSICAL EDUCATION BUILDING DOMESTIC HOT WATER UPGRADE**  
 75 Grasslands Rd, Valhalla, NY 10595

DRAWING TITLE  
**PLUMBING BOILER ROOM PART PLANS**

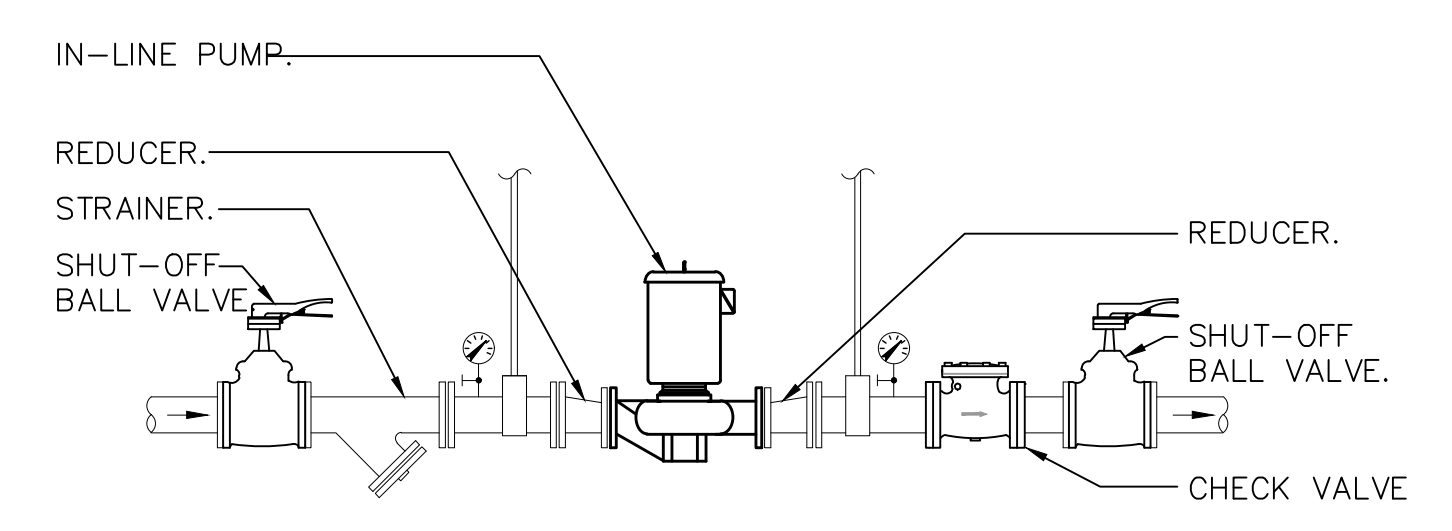
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	DRAWN BY <b>NW</b>	DRAWING NO.
	CHECKED BY <b>RS</b>	<b>P.11</b>
	DATE <b>03-17-2020</b>	





NOTES:  
 1.) REPIPE BOILER DRAIN SYSTEM TO BE AS SHOWN.  
 2.) PROVIDE NEW PIPING AND FITTINGS AS REQUIRED.  
 3.) ALL PIPING SHALL BE PVC. TYPICAL FOR 3 BOILERS.

4 BOILER CONDENSATE SCHEMATIC  
 SCALE: NONE

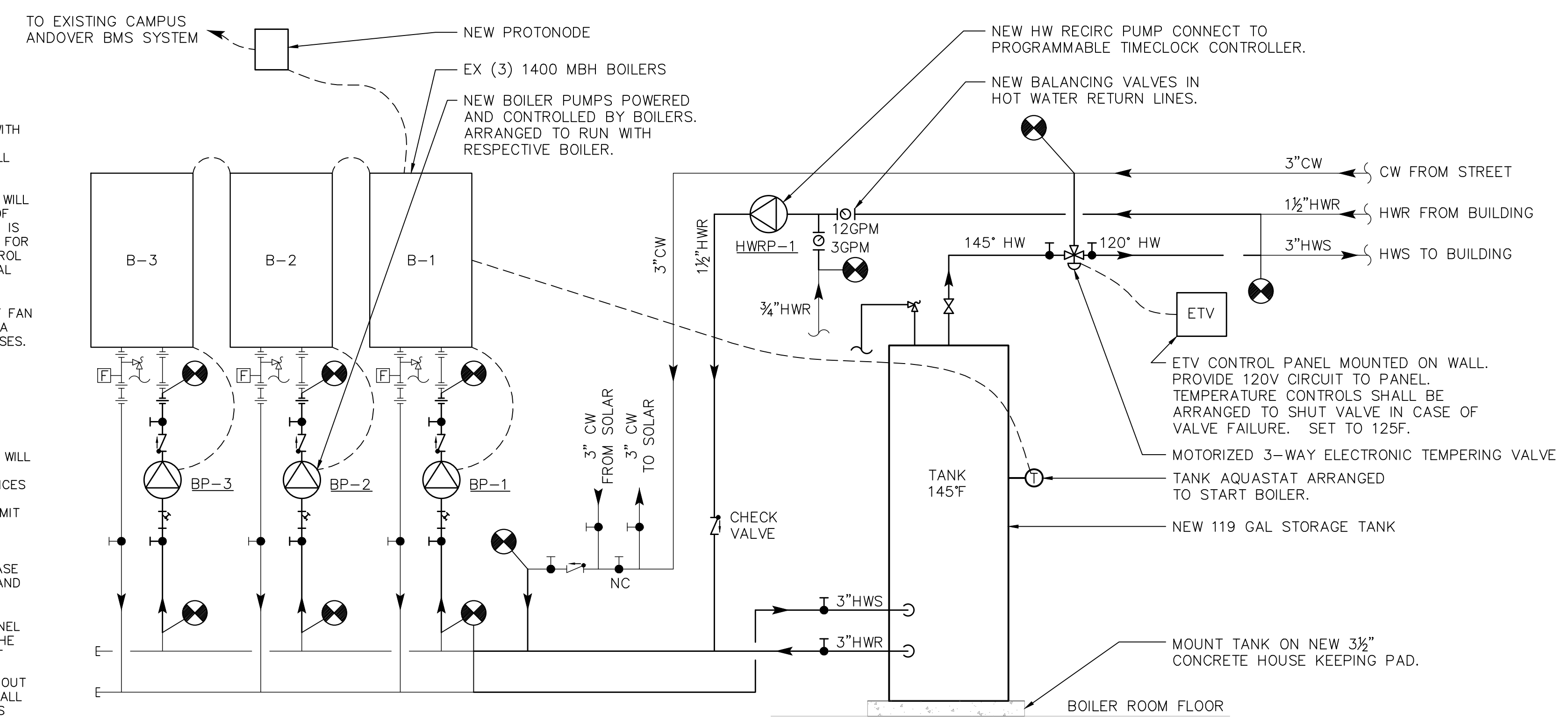


NOTES:  
 1.) REFER TO PLANS FOR PIPE SIZES.

2 TYPICAL IN-LINE PUMP SCHEMATIC  
 SCALE: NONE

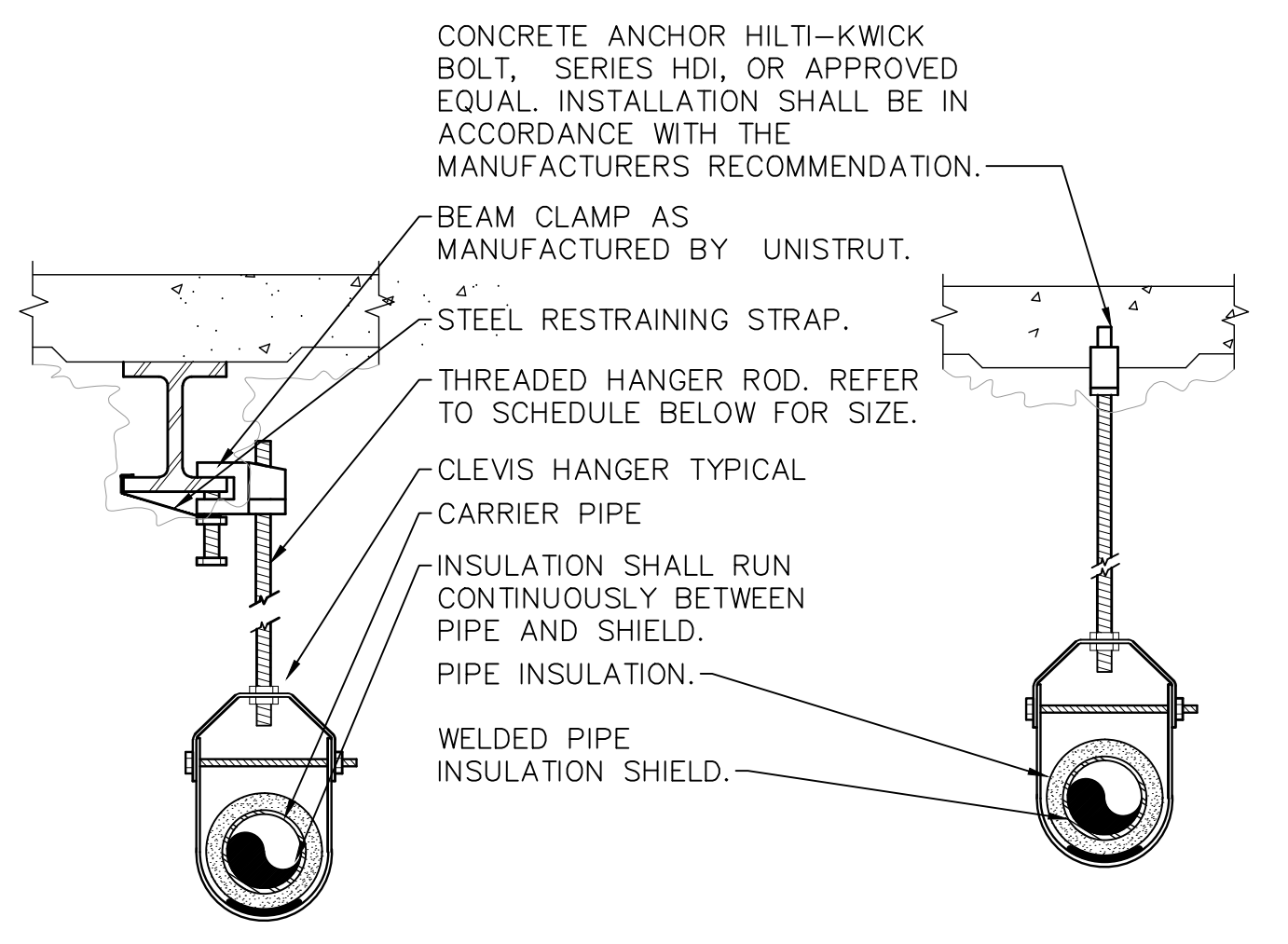
FAN CONTROL SEQUENCE:

- 1.) EACH HEATING APPLIANCE SHALL BE INTERLOCKED WITH THE EXISTING INDUCED DRAFT FAN CONTROL PANEL. UPON A CALL FOR HEAT, THE CONTROL PANEL SHALL ACTIVATE THE EXISTING INDUCED DRAFT FAN TO ESTABLISH DRAFT IN THE CHIMNEY SYSTEM. ONCE DRAFT CONDITIONS ARE MET, THE CONTROL SYSTEM WILL RELEASE THE FLAME PROGRAMMER OR GAS VALVE OF THE APPLIANCE CALLING FOR HEAT. THE SEQUENCE IS REPEATED EVERY TIME AN INITIAL APPLIANCE CALLS FOR HEAT. EACH ADDITIONAL CALL FOR HEAT, THE CONTROL WILL NOT DELAY THE SEQUENCING OF THE ADDITIONAL HEATING APPLIANCES.
- 2.) WHEN APPLIANCES SHUT DOWN, THE INDUCED DRAFT FAN WILL CONTINUE TO RUN IN POST-PURGE MODE FOR A SET PERIOD OF TIME TO REMOVE RESIDUAL FLUE GASES.
- 3.) ONCE THE POST-PURGE CYCLE IS COMPLETED THE SYSTEM SECURES AND THE CONTROL PANEL ENTERS STAND-BY MODE.
- 4.) IF PROPER DRAFT CANNOT BE MAINTAINED OR AN EXTERNAL MECHANICAL LIMIT OPENS BECAUSE OF MECHANICAL OR ELECTRICAL FAILURE, THE CONTROL WILL GO IN ALARM MODE AND THE INTEGRATED PROVEN DRAFT FUNCTION WILL SHUT DOWN ALL THE APPLIANCES WITHIN 15 SECONDS. WHILE IN ALARM MODE, THE CONTROL CONSTANTLY MONITORS THE DRAFT AND LIMIT INPUTS. IF THE FAILURE CORRECTS ITSELF OR IS CORRECTED VIA INTERVENTION, THE SYSTEM WILL RESTART AUTOMATICALLY. IF THE FAILURE IS NOT CORRECTED BEFORE THE ADJUSTABLE SYSTEM RELEASE FAULT TIMER EXPIRES, THE CONTROL WILL DISABLE AND LOCKOUT THE SYSTEM FOR FREEZE PROTECTION.
- 5.) WHEN THE FAN TEST IS ENABLED, THE CONTROL PANEL WILL RUN A SELF DIAGNOSTIC ON THE STATUS OF THE VENT SYSTEM EACH HEATING CYCLE TO VERIFY THAT THE SYSTEM IS FUNCTIONING PROPERLY. IF THE FAN TEST FAILS, THE CONTROL PANEL WILL ALARM, LOCKOUT THE SYSTEM AND ANNUNCIATE THE TEST FAILURE. ALL ALARMS SHALL BE VISIBLE ON THE EXISTING CAMPUS BMS SYSTEM.



NOTES:  
 1) PROVIDE PROGRAMMABLE TIMECLOCK CONTROLLER FOR HWRP-1.  
 2) CONTROLS SHALL BE PROVIDED TO FOLLOW THE SEQUENCE LISTED BELOW:  
 BOILER SEQUENCE:  
 1. UPON A DROP IN TANK TEMPERATURE, BOILER (B-1) SHALL BE ENERGIZED.  
 2. BOILER B-1 SHALL INITIATE BOILER PUMP (BP-1) TO START.  
 3. UPON CONFIRMATION OF FLOW FROM BP-1, BOILER B-1 SHALL START FIRING.  
 4. IF BOILER TEMPERATURE CONTINUES TO DROP, THERE SHALL BE CASCADING CONTROLS INTERNAL TO THE BOILERS FROM THE BOILER MANUFACTURER TO INITIATE THE OTHER BOILERS TO ENERGIZE.

3 DOMESTIC HOT WATER PIPING SCHEMATIC  
 SCALE: NONE



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

- NOTES:  
 1.) CLEVIS HANGERS WITH WELDED INSULATION SHIELDS SIMILAR TO RAUCH FIG. 100SH ON ALL PIPES LARGER THAN 1".  
 2.) FOR PIPES 1" OR SMALLER, A BAND HANGER WITH INSULATION SHIELD MAY BE USED SIMILAR TO RAUCH FIG. NO. 1ASH.  
 3.) FOR NON-INSULATED PIPE, INSULATION SHIELDS MAY BE OMITTED.  
 4.) ALL PIPE HANGERS SHALL BE GALVANIZED STEEL OR FACTORY PAINTED BLACK WITH ENAMEL.  
 5.) FOR NON FERROUS PIPING WITHOUT INSULATION, ALL HANGERS SHALL BE COPPER PLATED OR FURNISHED WITH A DI-ELECTRIC BETWEEN PIPE AND HANGERS.  
 6.) WHERE EXISTING BUILDING STRUCTURAL COMPONENTS HAVE FIREPROOF MATERIAL, ANY AREA THAT IS DISTURBED OR DAMAGED AS A RESULT OF HANGER INSTALLATION SHALL BE PATCHED WITH UL AND FM APPROVED FIREPROOFING TO MATCH EXISTING.

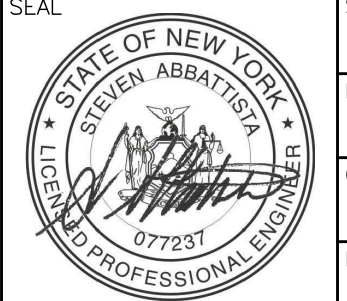
1 PIPE HANGER DETAIL  
 SCALE: NONE

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2	ISSUED FOR BID	05/07/21
1	100% REVIEW	06/15/20

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PROJECT TITLE  
**WCC PHYSICAL EDUCATION BUILDING DOMESTIC HOT WATER UPGRADE**  
 75 Grasslands Rd, Valhalla, NY 10595

DRAWING TITLE  
**PLUMBING DETAILS**

	SCALE <b>AS SHOWN</b>	PROJECT NO. <b>NWCC000800</b>
	DRAWN BY <b>NW</b>	DRAWING NO.
	CHECKED BY <b>RS</b>	<b>P7.1</b>
	DATE <b>03-17-2020</b>	