

# Attachment H

## TOMPKINS COUNTY TOMPKINS COUNTY RECYCLING CENTER

CONTRACT NO. 1 - GENERAL CONSTRUCTION  
CONTRACT NO. 2 - MECHANICAL  
CONTRACT NO. 3 - PLUMBING  
CONTRACT NO. 4 - ELECTRICAL

122 COMMERCIAL AVENUE, ITHACA, NY 14850  
TOMPKINS COUNTY, NEW YORK

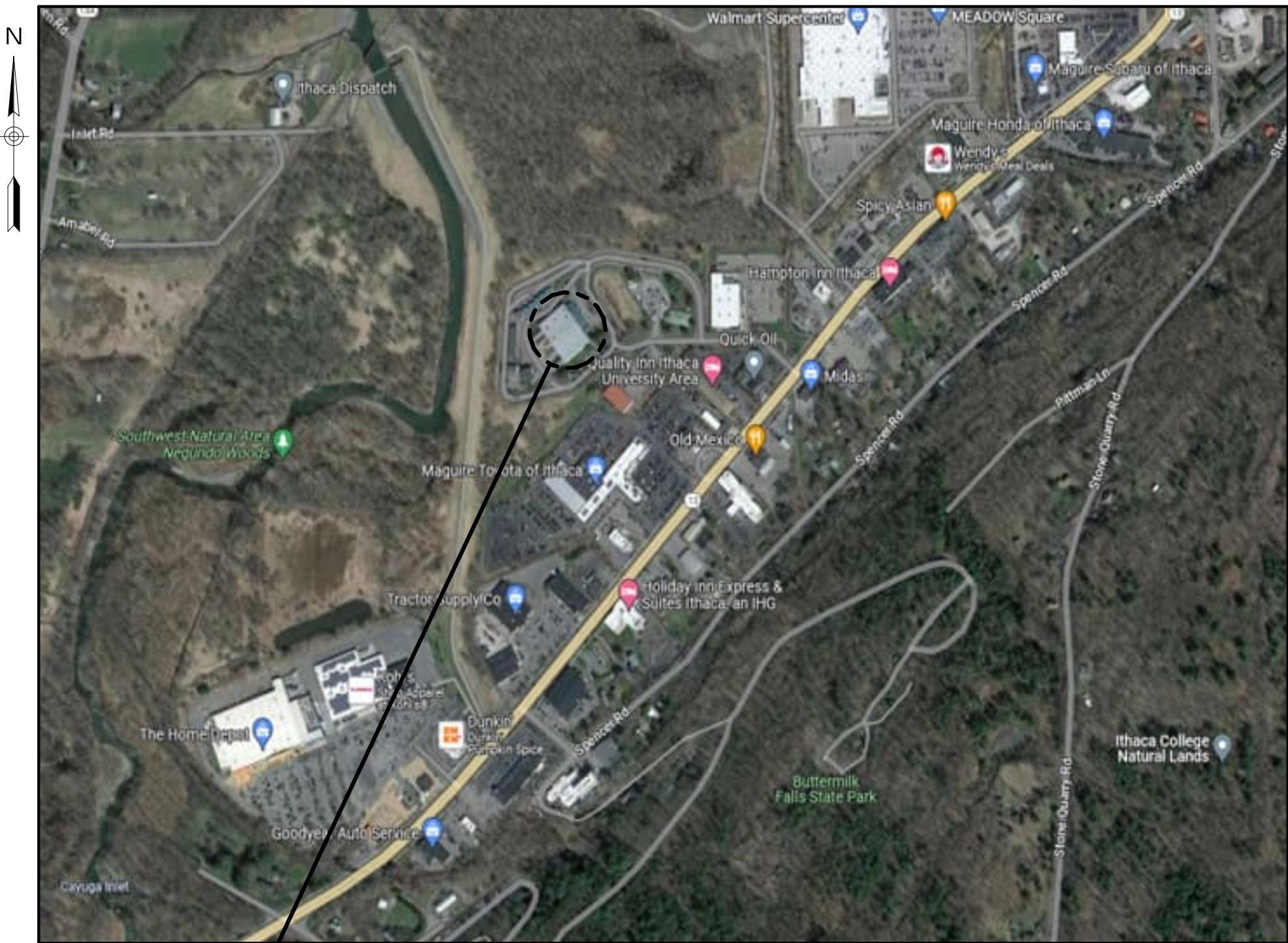


NYS CERTIFICATE OF AUTHORIZATION: 0018246

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		E200	FIRST FLOOR LIGHTING MODIFICATION PLAN
		E300	FIRST FLOOR FIRE ALARM MODIFICATION PLAN
		E500	ELECTRICAL ONE-LINE DIAGRAMS, SCHEDULES,

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

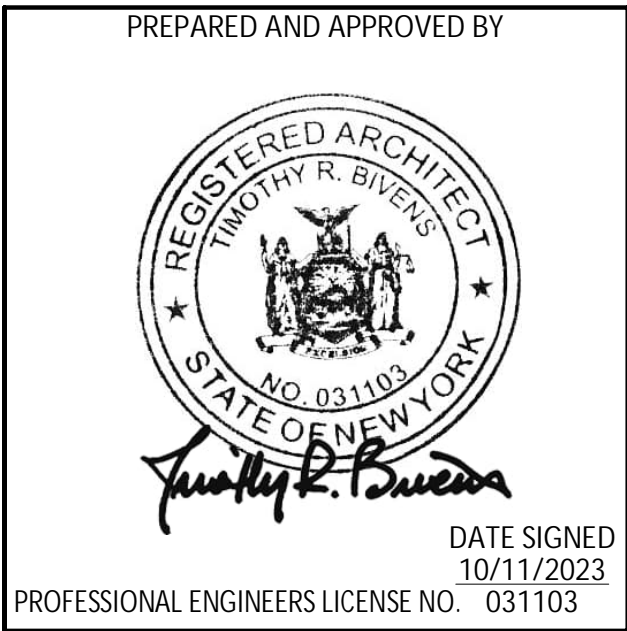


PROJECT LOCATION

### LOCATION PLAN

NOT TO SCALE

OCTOBER 2023  
CONTRACT DOCUMENTS



TIMOTHY R. BIVENS  
EXPIRATION: 4/30/2026

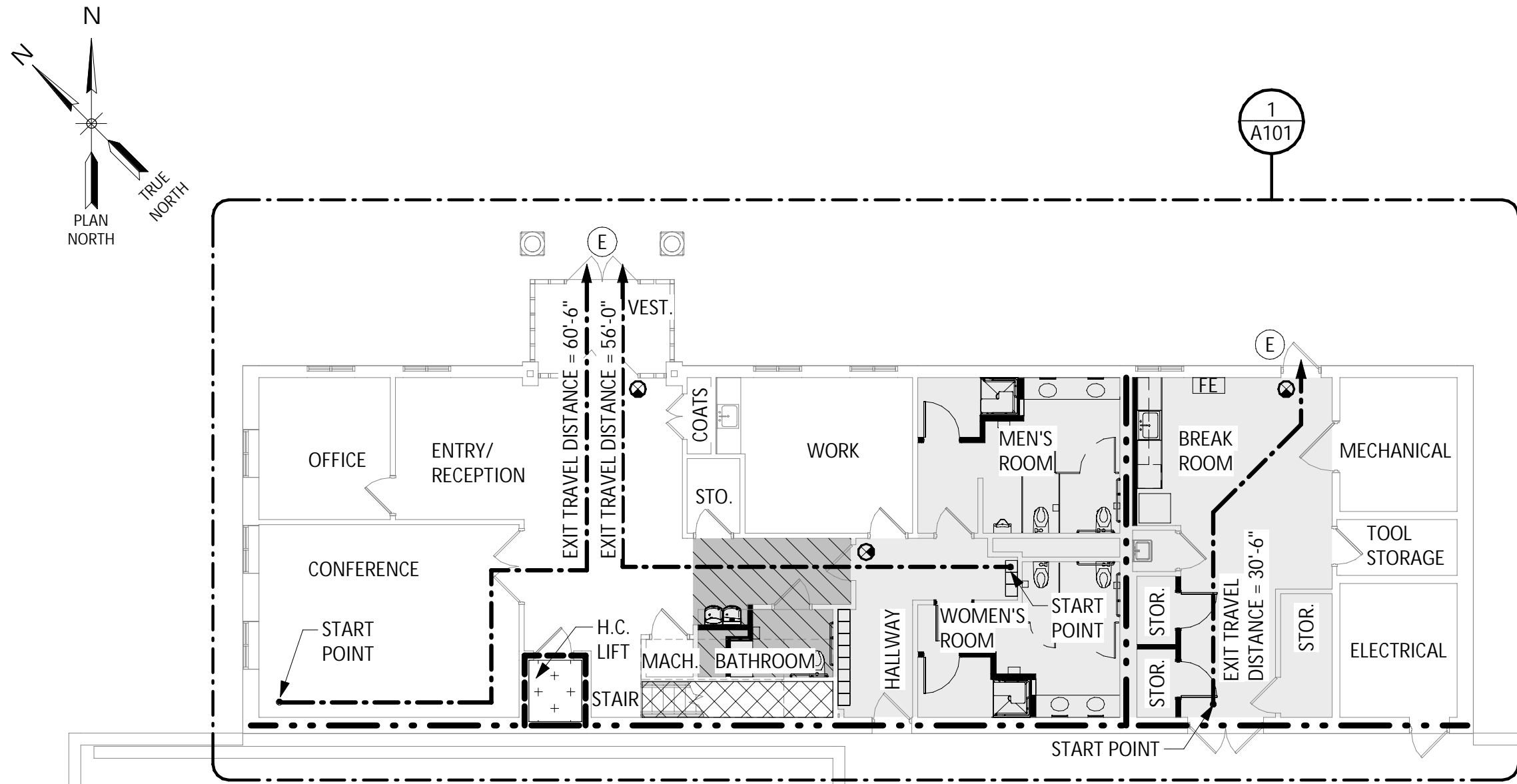
Sheet Number

G001

Project Number

560.016.019





CODE REVIEW LEGEND	
	EXIT TRAVEL DISTANCE
	1 HOUR FIRE BARRIER OR PARTITION
	2 HOUR FIRE BARRIER OR PARTITION
	FIRE EXTINGUISHER
	EXIT
	EXIT SIGN
	HATCH REPRESENTS THE PHASE 1 WORK AREA
	HATCH REPRESENTS THE PHASE 2 WORK AREA
	EXISTING STAIR LOCATIONS
	ELEVATOR LOCATIONS

## CODE REVIEW INFORMATION

CODE REVIEW / CURRENT RENOVATION:

BUILDING ADDRESS: 122 COMMERCIAL AVENUE, ITHACA, NY 14850

APPLICABLE CODES & CODE COMPLIANCE:

- 2020 Building Code of New York State
- Barrier Free Requirements per ICC/ANSI A117.1-03 New York State Projects
- Americans with Disability Act 2010
- 2020 Existing Building Code of New York State

CODE REVIEW:

ALTERATION TYPE: Level 2

Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any system, or the installation of any additional equipment.

PROJECT SUMMARY:

Reconfiguration of existing bathroom & break room spaces in the Administration area of an existing building.

USE GROUP / OCCUPANCY CLASSIFICATION:

Use Group: (B) Business

### CALCULATION OF SPACE SUMMARY

DESCRIPTION	TYPE	%	AREA	PRODUCT	NOTES	REFERENCE
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### TENANT SUITE FIRST FLOOR

OCCUPANCY LOAD: B-Business

Square Footage: 3,237 SF / 150 = 22 Occupants  
Sub Total: 22 Occupants Total

### EGRESS WIDTHS:

Occupant Load = 22 occupants  
22 x 0.2 = 4.4" of door width required.  
(1) 72" door & (1) 36" door provided for exiting - 108" of door width provided.

	CODE REQUIREMENT	ACTUAL	NYS CODE
Construction Type	IIB Non-Combustible Types I and II construction are those types of construction in which the building elements listed in Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code.		Table 601
Allowable Height	75 feet above grade	Hgt. less than 75 ft Actual	Table 504.3
Allowable Stories	4 Stories, Sprinklered	2 Stories, Actual	Table 504.4
Allowable Area	69,000 SF	3,237 SF	Table 506.2
Fire Resistance			
Structural Frame	0 Hours	0 Hours	Table 601
Bearing Walls	0 Hours	0 Hours	Table 601
Exterior Walls	0 Hours	0 Hours	Table 601
Interior Walls	0 Hours	0 Hours	Table 601
Non-Bearing Walls & Partitions			
Exterior	N/A		
Non-Bearing Walls & Partitions			
Interior	0 Hours	0 Hours	Table 601
Floor Construction			
Incl. support beams & joist	0 Hours	0 Hours	Table 601
Roof Construction			
Incl. support beams & joist	0 Hours	0 Hours	Table 601
Corridors	0 Hours, Sprinklered	Sprinklered, Complies	Table 1020.1

### Fire Protection Systems

Fire Alarm	Required	Provided, Existing	907.2.2
A manual fire alarm system shall be installed in Group B occupancies having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.			
Portable Fire Extinguisher	Required @ 75 ft max Type 2-A Max Floor Area 11,250 SF	Provided	(FC) 906
Sprinkler System	Required	Provided, Existing	
Required Exits	Two (2) Exits required, Sprinklered	(2) Provided	Table 1006.2.1
Common Path of Egress Distance	Max. 100 feet, Sprinklered	Less than 100 Ft, Complies	Table 1006.2.1
Exit Access Travel Distance	Max. 300 feet, Sprinklered	Less than 300 Ft, Complies	Table 1017.2

## RECYCLING FACILITY CODE REVIEW PLAN

SCALE: 3/32" = 1'-0"

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### REVISIONS


TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

## CODE COMPLIANCE REVIEW & LIFE SAFETY PLAN

TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
0018246

**B&L**



NYS EXP.: 4/30/2026

Date  
OCTOBER 2023

Scale  
AS SHOWN

Sheet Number  
LS101

Project Number  
560.016.019



STANDARD ABBREVIATIONS											
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AAC	Asbestos Abatement Contractor	DET	Detail	HT	Height	RAD	Radiation	VERT	Vertical		
AD	Automatic Air Damper	DF	Drinking Fountain	HG	Heating	RAF	Return Air Fan	VIF	Verify in Field		
AB	Anchor Bolt	DH	Double Hung	HTR	Heater	RB	Resilient Base	VIN	Vinyl		
AC	Air Conditioning, Alternate Current	DI	Distilled Water, Drop Inlet	HVAC	Heating/Vent./Air Conditioning	RC	Roofing Contractor	VIT	Vitreous Tile		
ACCOMP	Asphalt Coated Corr. Metal Pipe	DIA	Diameter	HVU	Heating & Ventilating Unit	RCP	Reinforced Concrete Pipe	VNR	Veneer		
ACM	Asbestos Containing Material	DIAG	Diagonal	HVY	Heavy	RD	Roof Drain	VOL	Volume		
ACT	Acoustic Ceiling System	DIM	Dimension	HW	Hot Water	RECT	Receptacle	VTR	Vent Through Roof		
ACU	Air Conditioning Unit	DISP	Dispenser	HWH	Hot Water Heater	REF	Reference	VWC	Vinyl Wall Covering		
AD	Area Drain	DIV	Division	HWP	Hot Water Pump	REFL	Reflect (ed) (ive) (or)				
ADD	Addendum	DL	Dead Load	HWR	Hot Water Return	REFR	Refrigerator	W	West		
ADH	Adhesive	DMBD	Dry Marker Board	HWS	Hot Water Supply	REG	Register	W&C	Wire and Conduit		
ADJ	Adjacent	DN	Down	H&V	Heating And Ventilating	REIN	Reinforce (ed) (ing)	WC	Water Closet		
ADR	Access Door	DO	Down	HV	High Voltage	REIN	Remove	WD	Wood		
AESS	Arched Exposed Structural Steel	DP	Damper			REOD	Required	WDW	Window		
AFF	Above Finished Floor	DPR	Damp-proof (ing)			RESIL	Resilient	WDWC	Window Contractor		
AH	Access Hatch	DR	Door, Deep Rib			RET	Retaining, Return	WF	Wash Fountain		
AHU	Air Handling Unit	DWG	Drawing	ID	Inside Diameter	REV	Revision, Revised	WH	Wall Hung, Wall Hydrant		
AIB	Air Infiltration Barrier	DS	Downspout	IE	Invert Elevation	RFG	Roofing	WI	Wire		
ALT	Alternate	DT	Drain Tile	IN	Inches	RFH	Roof Hatch	WM	Wire mold		
ALTN	Alteration	DTA	Dovetail Anchor	INCL	Include (d) (ing)	RH	Right Hand	WP	Waterproofing, Working Point		
ALUM	Aluminum	INT	Interior	INS	Insulate (d) (ing)	RHC	Reheat Coil	WPP	Wall Protection Pad		
AMP	Ampere	IP	Detail	INV	Invert	RI	Rough-In	WR	Water Repellent, Wide Rib		
ANOD	Anodized	DW	Dumbwaiter, Dishwasher	IP	Iron Pipe	RL	Rain Leader	WS	Water stop		
ANT	Acid Neutralizing Tank	DWL	Dowel	IPS	Iron Pipe Size	RG	Rail	WST	Wainscot		
AP	Access Point	DWR	Drawer	IW	Indirect Waste	RM	Room	WT	Weight		
APPROX	Approximate (ly)			JB	Junction Box	RNT	Running Trap	WWM	Welded Wire Mesh		
ARCH	Architect (ural)	E	East	JC	Junction	RO	Rough Opening	W/	With		
ASB	Asbestos	EAT	Exhaust Air, Each	JCT	Junction	ROW	Right Of Way	W/O	Without		
ASPH	Asphalt	EB	Entering Air Temperature	JT	Joint	RPM	Revolutions Per Minute	XHC	Extra Heavy Cast Iron		
ATV	Atmospheric Vent	EF	Each Face	KW	Kilowatt (s)	RTU	Roof Top Unit	YD	Yard Drain, Yard		
AUTO	Automatic	EIFS	Exterior Insul. & Finish System			RW	Raw Water				
AV	Acid Vent	ELEC	Expansion Joint								
AVE	Average	ELEV	Electric (al)	MAN	Manual	S	South				
AVTR	Acid Vent Thru Roof	EM	Emergency	MAS	Masonry	SA	Supply Air				
AW	Acid Waste	ENC	Enclosure	MAT	Material	SAN	Sanitary				
		EOD	Edge of Deck	MAU	Make Up Air Unit	SAS	Smooth All Sides				
BBD	Boiler Blowdown	EOS	Edge of Slab	MBH	Maximum	SC	Solid Core, Sill Cock				
BD	Board	EPCDM	Ethylene Propylene Diene Monomer	MBR	Member	SCHED	Schedule				
BDD	Backdraft Damper	EQ	Equal	MD	MotORIZED Damper	SCT	Structural Clay Tile				
BEJ	Brick Expansion Joint	EQU	Equipment Contractor	MECH	Mechanical	SD	Storm Drain, Slitter Damper, Smoke Damper				
BOF	Bottom of Footing	EQUIP	Equipment	ME	Mechanical Equipment	SEC	Section				
BOF	Back Flow Preventer	ESF	Elastic Sheet Flashing	MEMB	Membrane	SGT	Structural Glazed Tile				
BOG	Bottom Grill	ESM	Elastic Sheet Membrane	MEZZ	Mezzanine	SH	Shelf, Shelving, Smoke Hatch				
BIT	Bituminous	ETR	Existing To Remain	MFLP	Mixing Faucet, Metal Framing	SHR	Shower				
BLDG	Building	EW	Each Way	MFR	Metal Furring Lath & Plaster	SHTNG	Sheathing				
BLK	Block	EWC	Electric Water Cooler	MH	Manhole	SIM	Similar				
BLKG	Blocking	EWT	Entering Water Temperature	MIN	Minimum	SK	Sink				
BM	Beam	EXH	Exhaust	MIR	Mirror	SLB	Sound Lined, Skylight				
BO	By Others	EXG	Existing	MISC	Miscellaneous	SLC	Steel Angle Base				
BOC	Bottom of Curb	EXP	Expansion	MOD	Masonry Opening	SLV	Sill Cock				
BOD	Bottom of Duct	EXT	Exterior, External	MR	Module (or), Model	SLVR	Sleeve				
BOT	Bottom	F	Fahrenheit	MT	Mop Receptor	SP	Static Pressure, Standpipe				
BPL	Bearing Plate	FA	Fire Alarm	MTD	Mount	SPEC	Specification (s)				
BR	Bottom Register	FAC	Factory Finish	MTG	Mounted	SPKR	Sprinkler				
BRDG	Bridging	FAI	Flashy Air Intake	MTL	Mounting	SPL	Special				
BRG	Bearing	FCU	Fan Cool Unit	MTH	Marble Threshold	SQ	Square				
BRK	Brick	FDC	Fire Department Connection	MTR	Meter	SS	Stainless Steel				
BRZ	Bronze	FE	Fire Extinguisher	MULL	Mullion	SST	Structural Steel Tubing				
BS	Both Sides	FEF	Fire Extinguisher Cabinet			ST	Storm, Storage				
BSMT	Basement	FFE	Finished Floor, Factory Finish	N	North	STA	Station				
BSPL	Backsplash	FFL	Finished Floor Line	N/A	Not Applicable	STC	Shower Temp Controller				
BTL	Bent	FH	Fire Hydrant	NAT	Natural	STD	Standard				
BTU	British Thermal Units	FHC	Fire Hose Cabinet	NC	Normally Closed	STG	Seating				
BUR	Built-up Roofing	FIN	Finish (ed)	NEC	National Electric Code	STL	Steel				
BWC	Back Water Check Valve	FIXT	Fixture	NEG	Negative	STOR	Stain (ed)				
		FL	Flush	NEUT	Neutralization	STR	Storage				
C	Conduit	FLD	Floor Duct	NIC	Not In Contract	SURF	Surface				
CA	Compressed Air	FLEX	Flexible	NO	Normal, Normally Open	SUSP	Suspended				
CAB	Cabinet	FLG	Flashing	NOM	Normal	SVCI	Service Weight Cast Iron				
CB	Catch Basin	FLR	Floor (ing)	NRC	Noise Reduction Coefficient	SW	Switch, Softened Water				
CB	Chalkboard	FLUOR	Fluorescent	NTS	Not To Scale	SYM	Symmetrical				
CD	Ceiling Diffuser	FM	Floor Mounted	OA	Overall, Outside Air	SYS	System				
CEM	Cement	FND	Foundation	OD	On Center	T	Tread, Top				
CER	Ceramic	FOG	Fuel Oil Gauge	OH	Outside Diameter	T&B	Top and Bottom				
CFM	Cubic Feet Per Minute	FOR	Fuel Oil Return	OPNG	Opening	T&D	Tack board				
CFMF	Cold Formed Metal Framing	FOS	Fuel Oil Supply	OPP	Opposite	T&G	Tough and Groove				
CG	Ceiling Grill	FOV	Fuel Oil Vent	OPPHD	Opposite Hand	TC	Temperature Control				
CH	Cabinet Heater	FP	Fireproof (ing)			TDV	Triple Duty Valve				
CHUV	Ceiling Hung Unit Ventilator	FPM	Feet Per Minute			TEL	Telephone				
CI	Cast Iron	FR	Frame	PAR	Parallel	TEMP	Temperature				
CIP	Cast In Place	FRA	Fresh Air	PART	Partition	TERR	Terrazzo				
CIRC	Circumference	FRC	Fire Resistant Coating	PCC	Plumbing Contractor	TH	Top Grille				
CJC	Control Joint	FRP	Fiberglass Reinforced Panel	PCH	Porcelain Floor Tile	THK	Thickness				
CL	Ceiling Line	FRT	Fire Retardant	PCC	Precast Concrete	THR	Threshold				
CLG	Ceiling	FSD	Fire and Smoke Damper	PE	Porcelain Enamel	TME	To Match Existing				
CLKG	Caulking	FT	Foot	PED	Pedestal	TMV	Thermostatic Mixing Valve				
CLL	Contract Limit Line	FTG	Footing	PERF	Perforate (ion) (ed)	TOC	Top of Curb				
CLR	Clear (ing)	FV	Flush Valve	PERI	Perforate (ion) (ed)	TOF	Top of Fascia				
CLRM	Classroom			PL	Perimeter	TOIL	Toilet				
CLT	Ceramic Mosaic Tile	G	Gas	PLAM	Plate, Property Line	TOL	Tolerance				
CMU	Concrete Masonry Unit	GA	Gauge	PLAS	Plastic Laminate	TOM	Top of Masonry				
CO	Clean Out	GAL	Gallon	PFT	Plaster, Plastic	TOP	Top of Pipe, Top of Pier				
CODP	Clean Out Deck Plate	GASK	Gasket (ed)	PLF	Pounds Per Linear Foot	TOS	Top of Steel				
COL	Column	GCMU	General Contract (or)	PM	Plugmold	TPART	Toilet Partition				
COMB	Combination	GO	Grade Cleanout	PLYWD	Plywood	TR	Top Register				
COMP	Compress (ed) (ion) (ible)	GD	Ground	PNL	Panel	TRN	Transom				
CONC	Concrete	GF	Ground Face	POC	Point Of Curvature	TV	Television				
COND	Condensate (Htg & Ventilation)	GL	Glass	POL	Polished	TOW	Top of Wall				
CONN	Connection	GPM	Gallons Per Minute	POS	Positive	TW	Tempered Water				
CONST	Construction	GR	Grade (ing), Glycol Return	PRE	Point Of Tangency	TYP	Typical				
CONT	Continuous	GVL	Glycol Supply	PREP	Prepare (ation)	UC	Undercut				
CONTR	Contract (or)	GWB	Gypsum Wall Board	PRF	Preformed	UD	Under Drain				
CORR	Corrugated	GYP	Gypsum	PROJ	Project (ion)	UE	Underground Electric				
COWP	Clean Out Wall Plate	H	Height	PSF	Pounds Per Square Foot	UG	Underground				
CPT	Carpet	HB	Hose Bib	PSI	Pounds Per Square Inch	UH	Unit Heater				
CPVC	Chlorinated Polyvinyl Chloride	HBD	Hard Board	PT	Point	UNF	Unfinished				
CR	Ceiling Register	HCR	Hot/Chilled Return	PTD	Painted	UNO	Unless Otherwise Noted				
CRS	Course (s) (ing)	HCS	Hot/Chilled Supply	PTP	Pressure Treated Preservative	UR	Urinal				
CSK	Countersunk	HD	Heavy Duty	PTR	Pressure Treated Fire Retardant	UT	Underground Telephone				
CSMT	Casement	HDR	Header	PVC	Polyvinyl Chloride	UV	Unit Ventilator				
CT	Ceramic Tile, Computer Terminal	HDW	Hardware	PVMT	Pavement	V	Vent, Volt				
CTOP	Counter Top	HORZ	Horizontal	PWE	Power Wall Exhauster	VAR	Varies, Variable				
CTR	Coated	HP	Horsepower, High Pressure	QT	Quarry Tile	VARN	Varnish				
CU	Center	HPL	High Pressure Laminate	R	Riser, Radius	VAT	Vinyl Asbestos Tile				
CV	Convactor, Curb Valve	HR	Handrail, Hour	R&R	Remove Existing&Replace w/ New/ Return Air	VB	Vinyl Base, Vacuum Breaker, Vapor Barrier				
CW	Cold Water					VCT	Vinyl Composite Tile				
CWR	Chilled Water Return					VD	Volume Dämper				
CWS	Chilled Water Supply					VERM	Vermiculite				
D	Diesel Fuel, Depth										
DC	Direct Current										
DDC	Direct Digital Control										
DE	Deionized Water										
DEG	Degrees										
DEMO	Demolish										
DEP	Depress (ed) (ion)										

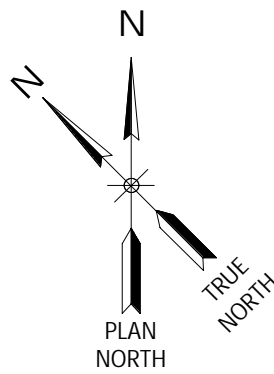
\*\*\*NOTE: THE ABOVE STANDARD ABBREVIATIONS ARE PROVIDED FOR GENERAL REFERENCE AND MAY OR MAY NOT BE REPRESENTATIVE OF ALL ABBREVIATIONS USED THROUGHOUT THE CONTRACT DOCUMENTS.

## GENERAL NOTES

- DESIGN AND CONSTRUCTION SHALL CONFORM TO ALL LOCAL AND STATE CODES, INCLUDING (BUT NOT LIMITED TO) THE "NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE", LATEST REVISION, THE NFPA 101 LIFE SAFETY CODE, LATEST REVISION, ANSI A117.1-1992 (REVISED 1995), S.E.D. MANUAL OF PLANNING STANDARDS, LATEST REVISION, OSHA, AND ANY OTHER CODES GOVERNED BY THE JURISDICTION IN WHICH THIS PROJECT IS BEING CONSTRUCTED.
- THIS CONTRACT REQUIRES COMPLETE, FINISHED WORKABLE PROJECT OF THE AREAS INDICATED BY THE CONTRACT DOCUMENTS, AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE SAME, REGARDLESS OF WHETHER OR NOT EACH AND EVERY NECESSARY WORK OR ITEM IS SPECIFICALLY INDICATED ON ANY OTHER PORTION OF THE DRAWINGS AND/OR NOTES.
- WHERE MATERIALS REFERENCED ON DRAWINGS, OR NECESSARY TO COMPLETE THE WORK OF THIS CONTRACT ARE NOT SPECIFIED HEREIN, PROVIDE BEST QUALITY MATERIALS. WHERE MATERIALS ARE INTENDED TO MATCH EXISTING, PROVIDE CLOSEST POSSIBLE MATCH, SUBJECT TO OWNER'S APPROVAL. ALL ITEMS AND WORK ON DRAWINGS ARE NEW, UNLESS INDICATED EXISTING. ALL WORK WHICH HAS BEEN DAMAGED SHALL BE REPAIRED OR REPLACED. WHERE ITEM CAN NOT BE REPAIRED TO A "NEW CONDITION", OR WHERE THE STRUCTURAL INTEGRITY HAS BEEN AFFECTED, ITEM SHALL BE REPLACED, AT NO COST TO THE OWNER.
- ALL CONTRACTORS ARE RESPONSIBLE TO VERIFY ALL SITE, FIELD AND BUILDING CONDITIONS PRIOR TO SUBMITTING BIDS AND COMMENCING WORK, IF THERE ARE ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS, CONFER WITH ARCHITECT / ENGINEER FOR RESOLUTION.
- DRAWINGS DO NOT INDICATE ALL DEMOLITION / REMOVALS. ALL CONTRACTORS ARE TO REFER TO DRAWINGS, SPECIFICATIONS AND VERIFY FIELD CONDITIONS TO DETERMINE FULL SCOPE AND PARTICULARS OF REMOVAL REQUIREMENTS PRIOR TO BIDDING WORK. CONFER WITH OWNER WHICH ITEMS ARE TO BE SAVED FOR OWNER'S USE OR REINSTALLATION BY CONTRACTOR.
- CONTRACTOR SHALL OBTAIN FROM OWNER ALL REQUIREMENTS FOR INSTALLATION OF OWNER PROVIDED EQUIPMENT INCLUDING ROUGHING DIAGRAMS, INSTALLATION INSTRUCTIONS, ELECTRICAL SCHEMATICS, TEMPLATES, LAYOUTS AND DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER, WELL COORDINATED INSTALLATION. PRIOR TO ROUGH-IN OF SERVICES, CONFER WITH OWNER EXACT LOCATION OF ALL ITEMS.
- ALL PENETRATIONS THROUGH FLOORS AND FULL HEIGHT WALLS TO BE FIRE STOPPED. ALL GAPS AND JOINTS AT RATED FLOORS, ROOFS AND WALLS TO BE FIRE STOPPED. GAPS AND JOINTS INCLUDE (BUT ARE NOT LIMITED TO) TOP OF WALL TO FLOOR OR ROOF DECK, WALL TO BEAMS, AND CONTROL OR EXPANSION JOINTS. FIRE STOPPING INCLUDES BOTH FORM OR PACKING MATERIAL AND THE FILL, VOID OR CAVITY MATERIAL.
- EXTERIOR PERIMETER OF ALL WINDOWS, DOOR FRAMES, LOUVERS, OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL SHALL BE SEAL WEATHER TIGHT WHETHER INDICATED ON DRAWINGS OR NOT.
- WOOD USED FOR BLOCKING OR OTHER PURPOSES ON OR ABOVE THE ROOF DECK, WITHIN 2'-0" OF GRADE AND OTHER LOCATIONS OUTSIDE THE BUILDING ENVELOPE WHERE EXPOSED TO THE WEATHER, SHALL BE PRESSURE TREATED TYPE (P.T.P.). ALL INTERIOR WOOD FOR BLOCKING OR OTHER PURPOSES TO BE FIRE RETARDANT (PTFR) TYPE.
- FINISHED DOOR OPENINGS SHALL BE NOMINAL @ 6" FROM FINISHED CORNER OF ROOM AT HINGE SIDE, EXCEPT WHERE DIMENSIONED OTHERWISE. ON THE "PULL" SIDE OF A DOOR OPENING, THE STRIKE SIDE SHALL BE NOMINAL 18" FRAME PERPENDICULAR WALL. ON THE "PUSH" SIDE OF A DOOR OPENING EQUIPPED W/ BOTH A CLOSER AND LATCH, THE STRIKE SIDE SHALL BE NOMINAL 12" FROM A PERPENDICULAR WALL.
- SUSPENDED GRID CEILING SHALL BE ARRANGED SO THAT A GRID IS SPACED EQUALLY FROM EACH MOST REMOTE WALL, IN EACH DIRECTION, WITH NO TILE LESS THEN 6" UNLESS OTHERWISE INDICATED.
- INTERIOR AND EXTERIOR CONCRETE SLABS SHALL BE SEPARATED FROM ANY VERTICAL SURFACE WITH AN ISOLATION JOINT. ALL SLAB-ON-GRADE (CONTROL, EXPANSION, ETC.) JOINTS TO RECEIVE SEALANT FOR RADON PROTECTION.
- PROVIDE BUILDING EXPANSION JOINT AND CONTROL JOINTS AT INTERIOR AND EXTERIOR MASONRY WALLS PER THE BRICK INSTITUTE OF AMERICA AND THE NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS AND RECOMMENDATIONS AND WHERE BUILDING ADDITIONS MEET EXISTING BUILDING. AT RATED WALLS, EXPANSION JOINT OR CONTROL JOINT TO EQUAL WALL RATING.
- REMOVE DEBRIS AND OTHER MATERIALS (RESULTING FROM DEMOLITION) FROM SITE AS DEMOLITION PROGRESSES. REMOVE RUBBISH FROM JOB SITE REGULARLY AND LEAVE PREMISES AND WORK IN CLEAN CONDITION. RUBBISH SHALL NOT BE ALLOWED TO ACCUMULATE AND SHALL BE APPROPRIATELY DISPOSED OF. PRIOR TO COMPLETION, CLEAN PREMISES FOR OCCUPANCY BY OWNER.
- ALL CONTRACTORS ARE TO COORDINATE THE WORK OF EACH OTHER, SO THAT THE WORK AND SCHEDULE ARE NOT IMPEDED. SCHEDULE WORK PROGRESS THROUGHOUT THE ENTIRE PROJECT TO PREVENT CONFLICTS AND INTERFERENCES. OBTAIN ALL NECESSARY INFORMATION SUCH AS SIZES, LOCATIONS, TEMPLATES, LAYOUT, DIMENSIONS AND ALL OTHER INFORMATION NECESSARY FOR A PROPER AND WELL COORDINATED INSTALLATION. PRIOR TO INSTALLATION OF ITEMS, CONFER WITH EACH CONTRACTOR EXACT LOCATION OF ALL ITEMS.
- GENERAL CONTRACTOR SHALL FIELD VERIFY FINISHED DIMENSIONS AND CLEARANCES IN SPACES INDICATED TO RECEIVE BUILT-IN FURNISHINGS OR CASEWORK PRIOR TO FABRICATION.
- ALL VERTICAL CONCRETE SURFACES WHICH WILL BE EXPOSED TO VIEW UPON COMPLETION OF WORK SHALL RECEIVE A SMOOTH RUBBED FINISH.
- PROVIDE #4 VERTICAL REINFORCING IN ALL MASONRY WALLS AT HOLLOW METAL DOOR JAMBS, CORNERS AND AS INDICATED ON THE STRUCTURAL DRAWINGS. AT MASONRY JAMBS FOR WALL MOUNTED COILING OR SECTIONAL DOOR TRACKS PROVIDE (2) #4 VERTICAL BARS. GROUT CORES SOLID WITH 3000 PSI GROUT.
- ALL ENDS OF MASONRY WALLS THAT WILL BE EXPOSED TO VIEW UPON COMPLETION OF WORK SHALL BE BULLNOSE ENDS UNITS.
- PROVIDE GAP BETWEEN TOP OF MASONRY AT ALL LOCATIONS WHERE MASONRY EXTENDS TO UNDERSIDE OF STRUCTURAL MEMBER OR FLOOR/ROOF DECK WITH LATERAL SUPPORT.
- ALL CMU SHALL HAVE HORIZONTAL JOINT REINFORCING AT EVERY OTHER COURSE, UNLESS OTHERWISE NOTED.
- ALL BRICK MASONRY UNITS WHICH WOULD HAVE CORES EXPOSED DUE TO DETAILING SHALL BE SOLID UNITS.
- PROVIDE CONTROL JOINTS IN MASONRY AND GYPSUM BOARD/STUD PARTITIONS AT SPACING NOT EXCEEDING 25'-0" O.C. IN STRAIGHT RUNS EXCEEDING 25'-0" IN LENGTH. IN PARTITION TYPES WHICH INCLUDE BOTH TYPES OF CONSTRUCTION, CONTROL JOINTS SHALL ALIGN FROM UPPER TO LOWER CONSTRUCTION. LOCATE CONTROL JOINTS AT DOOR/WINDOW UNITS TO THE GREATEST EXTENT POSSIBLE.
- METAL STUDS SHALL BE 22 GA. AT 16" O.C. UNLESS NOTED OTHERWISE.
- ALL GYPSUM BOARD SHALL BE TYPE "X". ALL JOINTS SHALL BE FINISHED WITH TAPE AND JOINT COMPOUND. PROVIDE LEVEL 4 FINISH AT ALL JOINTS WHICH WILL BE EXPOSED TO VIEW UPON PROJECT COMPLETION. PROVIDE LEVEL 1 FINISH AT JOINTS WHICH WILL REMAIN CONCEALED. PROVIDE GALVANIZED STEEL CORNER BEADS AT ALL EXPOSED CORNERS.
- ALL METAL STUD WALLS DESIGNED TO RECEIVE TILE FINISH SHALL BE SHEATHED WITH 5/8" CEMENTITIOUS TILE BACKER BOARD. STUDS IN SUCH WALLS SHALL BE 20 GA.
- PROVIDE MOISTURE/MOLD RESISTANT GYPSUM BOARD ON ALL WALLS BEHIND OR ADJACENT TO PLUMBING FIXTURES UNLESS THEY ARE TO RECEIVE A TILE FINISH.
- AT ALL LOCATIONS WHERE GYPSUM BOARD PARTITIONS TERMINATE AT DISSIMILAR MATERIALS, PROVIDE A FINISH-ABLE METAL J-MOLD AND A 1/8" GAP BETWEEN TRIM AND ADJACENT MATERIAL. FILL GAP WITH BACKERROD AND SEALANT.
- PROVIDE DEFLECTION TRACK OR CLIP AT TOP OF ALL METAL STUD PARTITIONS THAT EXTEND TO THE UNDERSIDE OF STRUCTURAL MEMBERS OR FLOOR/ROOF DECK.
- PROVIDE HORIZONTAL BRIDGING IN ALL INTERIOR AND EXTERIOR METAL STUD WALLS/PARTITIONS AT 5'-0" VERTICAL, MAX.
- PROVIDE DOUBLE STUDS AT ALL DOOR AND WINDOW



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LINTEL SCHEDULE FOR NON-LOAD BEARING PARTITIONS						
MASONRY OPENING	LENGTH	4" WALLS	6" WALLS	8" WALLS	10" WALLS	12" WALLS
2'-6" MAX	3'-10" MAX	N/A	N/A	N/A	N/A	(2) L 3 x 4 x 3/8 (LLH) (1) L 3 x 3 x 3/8

### DEMOLITION LEGEND

	INDICATES TYPICAL WALL DEMOLITION
	INDICATES TYPICAL WALL FINISH DEMOLITION
	TYPICAL DEMOLITION ITEM
	HATCH REPRESENTS AREAS OF SLAB DEMOLITION BY PLUMBING CONTRACTOR
	HATCH REPRESENTS THE PHASE 1 WORK AREA
	HATCH REPRESENTS THE PHASE 2 WORK AREA

### DEMO KEY NOTES

- 1 REMOVE EXISTING WALL PARTITION.
- 2 REMOVE EXISTING TILE WAINSCOT & GWB THROUGHOUT BATHROOM DOWN TO STUDS.
- 3 REMOVE EXISTING FLOORING. PREPARE SURFACE AS REQD TO RECEIVE NEW FLOORING PER SCHEDULE.
- 4 REMOVE EXISTING DOOR & FRAME.
- 5 REMOVE EXISTING BATHROOM FIXTURES, BENCHES AND ACCESSORIES IN THEIR ENTIRETY.
- 6 REMOVE EXISTING KITCHENETTE CASEWORK, FIXTURES AND EQUIPMENT.
- 7 REMOVE EXISTING DRINKING FOUNTAIN. CAP PLUMBING LINES & PATCH OPENINGS IN WALL.
- 8 REMOVE EXISTING TOILET PARTITIONS & STORE ON-SITE FOR REINSTALLATION AS SHOWN ON NEW WORK PLAN.
- 9 REMOVE EXISTING LOCKERS & STORE ON-SITE FOR REINSTALLATION AS SHOWN ON NEW WORK PLAN.
- 10 REMOVE EXISTING EXTERIOR VENTS. INFILL OPENINGS W/CMU TO MATCH EXISTING.
- 11 PROVIDE OPENING IN FIRE RATED 12" CMU WALL FOR NEW DUCTWORK AS SHOWN ON MECHANICAL DRAWINGS. COORDINATE OPENING SIZE W/MECHANICAL CONTRACTOR. REFER TO LINTEL SCHEDULE THIS SHEET FOR REQUIREMENTS.
- 12 CONCRETE SLAB DEMOLITION BY PLUMBING CONTRACTOR TO COMPLETE MODIFICATIONS AS SHOWN ON PLUMBING DRAWINGS. GENERAL CONTRACTOR IS RESPONSIBLE FOR SLAB INFILL.

### GENERAL NOTES

1. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION OF ALL WORK WITH LANDLORD PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR(S) SHALL COORDINATE WITH LANDLORD WHICH ITEMS SHALL BE TURNED OVER TO THE LANDLORD PRIOR TO THE START OF WORK. THIS SHALL BE, BUT NOT LIMITED TO ITEMS LISTED ON THE CONTRACT DRAWINGS OR IDENTIFIED BY THE LANDLORD.
2. ALL QUESTIONS REGARDING DEMOLITION INFORMATION CONTAINED ON THIS DRAWING SHALL BE ADDRESSED TO THE ARCHITECT.
3. FIELD VERIFY EXISTING CONDITIONS, AND VERIFY WITH ARCHITECT ANY DISCREPANCIES OR CHANGES TO THE CONTRACT DOCUMENTS PRIOR TO COMMENCING DEMOLITION WORK.
4. PROTECT EXISTING BUILDING FINISHES THAT ARE TO REMAIN DURING CONSTRUCTION.
5. CONTRACTOR SHALL ACQUAINT THEMSELF WITH THE INTENT OF THE NEW CONSTRUCTION, AND PERFORM DEMOLITION THAT IS COMPATIBLE WITH THE PROPOSED SCOPE OF THE PROJECT AS A WHOLE.
6. CONTRACTOR TO RELOCATE EXISTING PLUMBING TO ACCOMMODATE NEW WORK.

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

#### REVISIONS

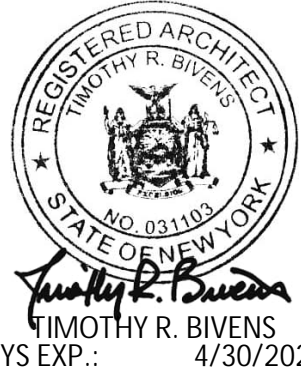

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

**ADMINISTRATION AREA DEMOLITION PLAN**

TOMPKINS COUNTY, NEW YORK

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE # 0018246

**B&L**

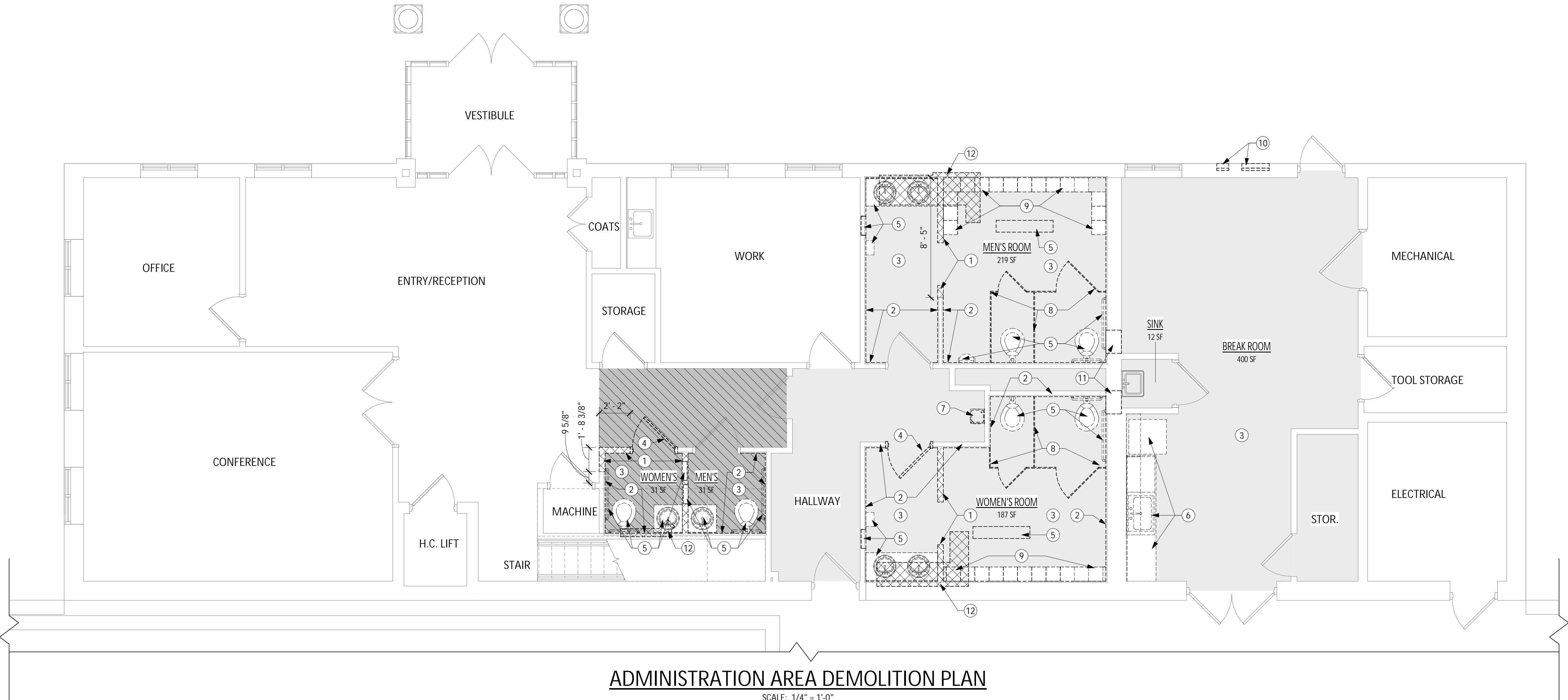


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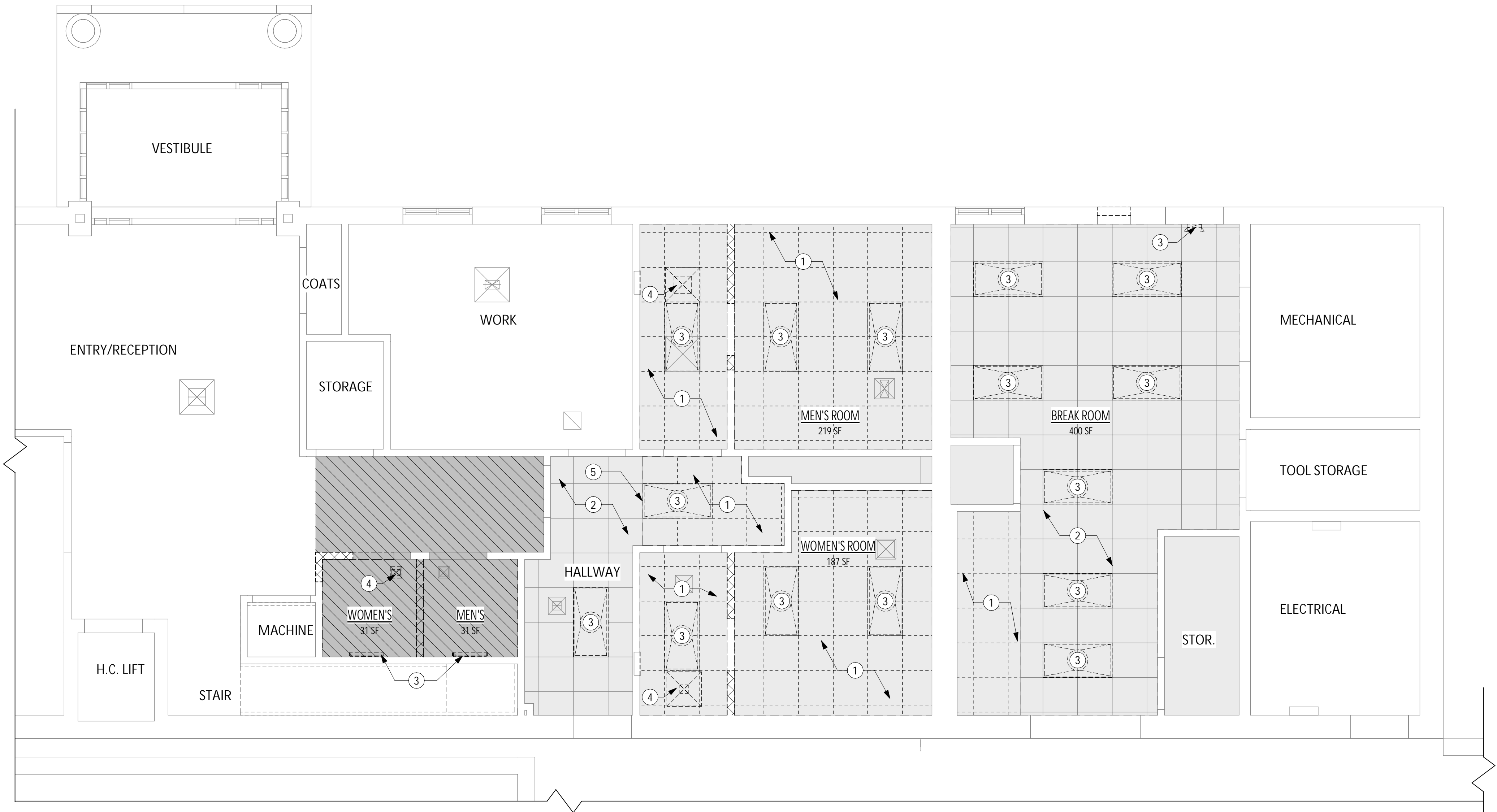
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### ADMINISTRATION AREA DEMOLITION PLAN

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





PARTIAL ADMINISTRATION AREA REFLECTED CEILING DEMOLITION PLAN

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

DEMOLITION LEGEND	
	INDICATES TYPICAL 24X24 SUSPENDEd GRID CEILING SYSTEM DEMOLITION
	INDICATES TYPICAL LIGHT FIXTURE REMOVAL
	INDICATES TYPICAL MECHANICAL EQUIPMENT REMOVAL
	HATCH REPRESENTS THE PHASE 1 WORK AREA
	HATCH REPRESENTS THE PHASE 2 WORK AREA

DEMO KEY NOTES	
①	REMOVE EXISTING ACOUSTIC CEILING SYSTEM, INCLUDING GRID & TILES.
②	REMOVE EXISTING CEILING TILES THROUGHOUT ROOM. MODIFY EXISTING ACOUSTIC CEILING TILE SYSTEM AS REQUIRED TO COMPLETE WORK AS SHOWN ON REFLECTED CEILING NEW WORK PLAN.
③	REMOVE EXISTING LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
④	REMOVE EXISTING MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS
⑤	PRIOR TO REMOVAL OF ACOUSTIC CEILING SYSTEM, CONTRACTOR TO COORDINATE W/MECHANICAL CONTRACTOR TO DETERMINE EXTENT OF CEILING GRID DEMOLITION REQUIRED TO COMPLETE THE WORK AS SHOWN ON MECHANICAL DRAWINGS.
GENERAL NOTES	
1. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION OF ALL WORK WITH LANDLORD PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR(S) SHALL COORDINATE WITH LANDLORD WHICH ITEMS SHALL BE TURNED OVER TO THE LANDLORD PRIOR TO THE START OF WORK. THIS SHALL BE, BUT NOT LIMITED TO ITEMS LISTED ON THE CONTRACT DRAWINGS OR IDENTIFIED BY THE LANDLORD.	
2. ALL QUESTIONS REGARDING DEMOLITION INFORMATION CONTAINED ON THIS DRAWING SHALL BE ADDRESSED TO THE ARCHITECT.	
3. FIELD VERIFY EXISTING CONDITIONS, AND VERIFY WITH ARCHITECT ANY DISCREPANCIES OR CHANGES TO THE CONTRACT DOCUMENTS PRIOR TO COMMENCING DEMOLITION WORK.	
4. PROTECT EXISTING BUILDING FINISHES THAT ARE TO REMAIN DURING CONSTRUCTION.	
5. CONTRACTOR SHALL ACQUAINT THEMSELF WITH THE INTENT OF THE NEW CONSTRUCTION, AND PERFORM DEMOLITION THAT IS COMPATIBLE WITH THE PROPOSED SCOPE OF THE PROJECT AS A WHOLE.	
6. CONTRACTOR TO RELOCATE EXISTING PLUMBING TO ACCOMMODATE NEW WORK.	

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REVISIONS	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

PARTIAL REFLECTED CEILING DEMOLITION PLAN

TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE # 0018246

**B&L**

REGISTERED ARCHITECT  
TIMOTHY R. BIVENS  
400.031108  
STATE OF NEW YORK  
*Timothy R. Bivens*  
TIMOTHY R. BIVENS  
NYS EXP.: 4/30/2026

Date  
OCTOBER 2023

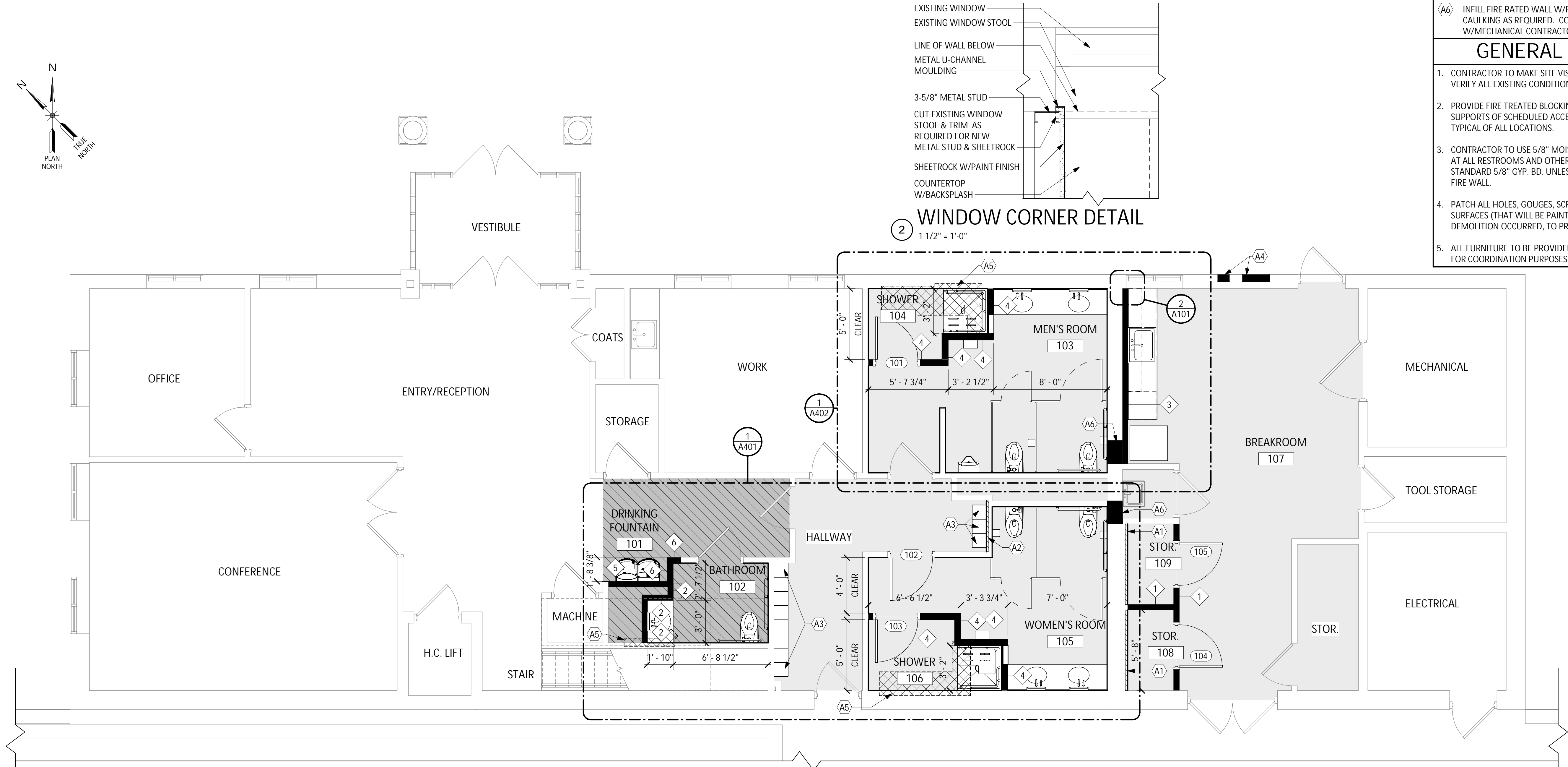
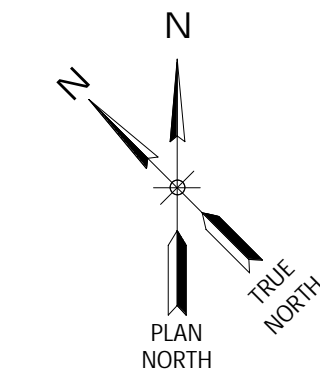
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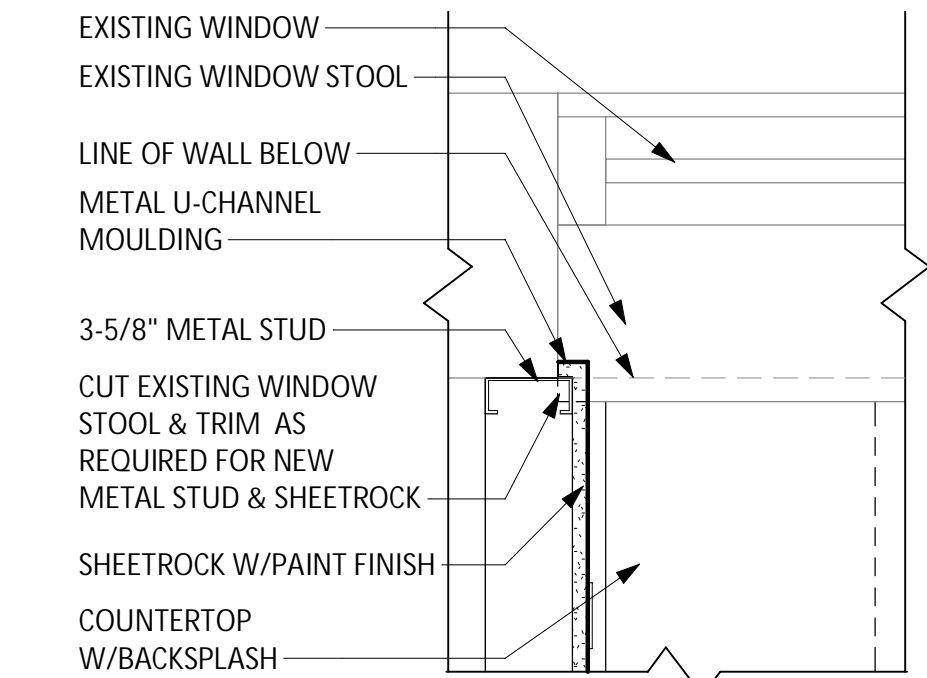


ADMINISTRATION AREA NEW WORK PLAN

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

WALL PARTITION TYPES

<p>WALL TYPE NO. 1</p> <p>OVERALL WALL THICKNESS 4-7/8"</p> <p>PLAN VIEW</p>	<p>UNDERSIDE OF STRUCTURE</p> <p>METAL STUD BRACING AT 4'-0" O.C. MAX</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SECTION VIEW</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>(1) LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD TYPICAL EACH SIDE</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p> <p>SCHEDULED FLOORING</p>	<p>WALL TYPE NO. 3</p> <p>OVERALL WALL THICKNESS 4-1/4"</p> <p>PLAN VIEW</p>	<p>GYPSUM WALL BOARD ON KEYED SIDE OF WALL, INDICATED BY SIDE THAT WALL TAG IS ORIENTED</p> <p>EXISTING WALL</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SECTION VIEW</p> <p>UNDERSIDE OF STRUCTURE</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>(1) LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD TYPICAL EACH SIDE</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p> <p>SCHEDULED FLOORING</p>	<p>WALL TYPE NO. 5</p> <p>OVERALL WALL THICKNESS 4-7/8"</p> <p>PLAN VIEW</p>	<p>UNDERSIDE OF STRUCTURE</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SCHEDULED FLOORING</p> <p>SECTION VIEW</p> <p>FIRESTOP &amp; SEALANT @ RATED WALLS</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>(1) LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD TYPICAL EACH SIDE</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p>
<p>WALL TYPE NO. 2</p> <p>OVERALL WALL THICKNESS 4-1/4"</p> <p>PLAN VIEW</p>	<p>GYPSUM WALL BOARD ON KEYED SIDE OF WALL, INDICATED BY SIDE THAT WALL TAG IS ORIENTED</p> <p>METAL STUD BRACING AT 4'-0" O.C. MAX</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SECTION VIEW</p> <p>UNDERSIDE OF STRUCTURE</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>1/4" WALL TILE OVER CEMENT BACKER BOARD</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p> <p>SCHEDULED FLOORING</p>	<p>WALL TYPE NO. 4</p> <p>OVERALL WALL THICKNESS 5-1/2"</p> <p>PLAN VIEW</p>	<p>UNDERSIDE OF STRUCTURE</p> <p>METAL STUD BRACING AT 4'-0" O.C. MAX</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SECTION VIEW</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>1/4" WALL TILE OVER CEMENT BACKER BOARD TYPICAL EACH SIDE</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p> <p>SCHEDULED FLOORING</p>	<p>WALL TYPE NO. 6</p> <p>OVERALL WALL THICKNESS 4-7/8"</p> <p>PLAN VIEW</p>	<p>UNDERSIDE OF STRUCTURE</p> <p>SOUND ATTENUATION BLANKET FULL HEIGHT OF WALL UNLESS OTHERWISE NOTED</p> <p>1/4" WALL TILE OVER CEMENT BACKER BOARD</p> <p>3-5/8" METAL STUDS @ 16" O.C.</p> <p>SCHEDULED FLOORING</p> <p>SECTION VIEW</p> <p>FIRESTOP &amp; SEALANT @ RATED WALLS</p> <p>METAL DEFLECTION TRACK (MIN. 1" DEFLECTION)</p> <p>SCHEDULED CEILING SYSTEM, SEE PLANS</p> <p>(1) LAYER 5/8" TYPE 'X' GYPSUM WALL BOARD TYPICAL EACH SIDE</p> <p>SCHEDULED BASE</p> <p>ACOUSTIC SEALANT, TYP.</p>



WINDOW CORNER DETAIL

1 1/2" = 1'-0"

NEW WORK LEGEND

	HATCH REPRESENTS THE PHASE 1 WORK AREA
	HATCH REPRESENTS THE PHASE 2 WORK AREA
	INDICATES PATCHING/REPAIRING OF EXISTING WALL
	INDICATES INFILL OF CONCRETE SLAB BY GENERAL CONTRACTOR

KEY NOTES

- A1 PATCH/REPAIR GWB AS REQUIRED DUE TO CASEWORK REMOVAL. PAINT FINISH
- A2 PATCH/REPAIR GWB AS REQUIRED DUE TO DRINKING FOUNTAIN REMOVAL. PAINT FINISH
- A3 RELOCATED WOMEN'S LOCKERS. NEW PAINT FINISH
- A4 INFILL WALL OPENING W/NEW CMU TO MATCH EXISTING.
- A5 INFILL PLUMBING TRENCHES LEVEL WITH EXISTING SLAB. COORDINATE W/PLUMBING CONTRACTOR.
- A6 INFILL FIRE RATED WALL W/FIREBLOCKING & CAULKING AS REQUIRED. COORDINATE W/MECHANICAL CONTRACTOR.

GENERAL NOTES

- CONTRACTOR TO MAKE SITE VISITS AS NECESSARY TO FIELD VERIFY ALL EXISTING CONDITIONS AND COMPONENTS.
- PROVIDE FIRE TREATED BLOCKING FOR ALL IN-WALL SUPPORTS OF SCHEDULED ACCESSORIES, CABINETRY, ETC. TYPICAL OF ALL LOCATIONS.
- CONTRACTOR TO USE 5/8" MOISTURE RESISTANT GYP. BD. AT ALL RESTROOMS AND OTHER WET LOCATIONS IN LIEU OF STANDARD 5/8" GYP. BD. UNLESS WALL IS DESIGNATED AS A FIRE WALL.
- PATCH ALL HOLES, GOUGES, SCRATCHES, ETC. IN EXISTING SURFACES (THAT WILL BE PAINTED) AND WHERE DEMOLITION OCCURRED, TO PREPARE FOR FINISHING.
- ALL FURNITURE TO BE PROVIDED BY OWNER. ITEMS SHOWN FOR COORDINATION PURPOSES ONLY.

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REVISIONS

NO.	DESCRIPTION

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

FIRST FLOOR NEW WORK PLAN

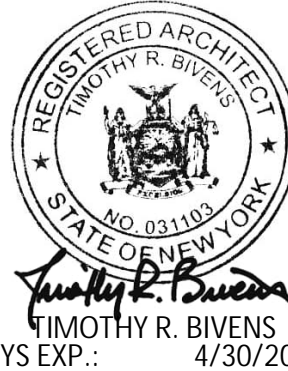
TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

Barton & Loguidice  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
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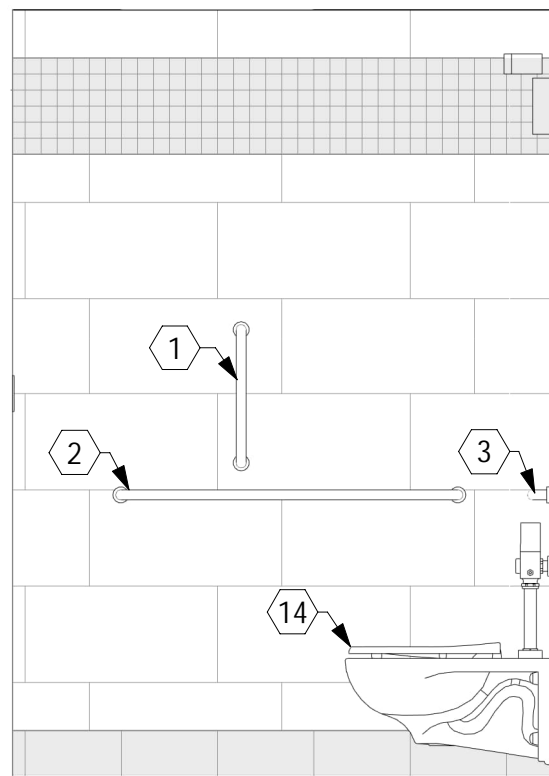
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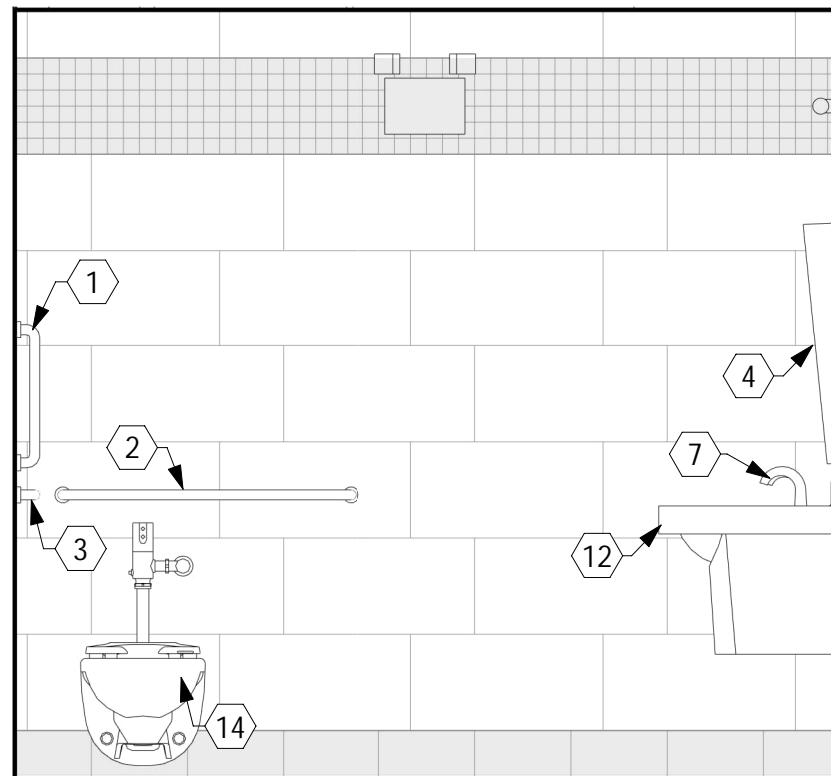


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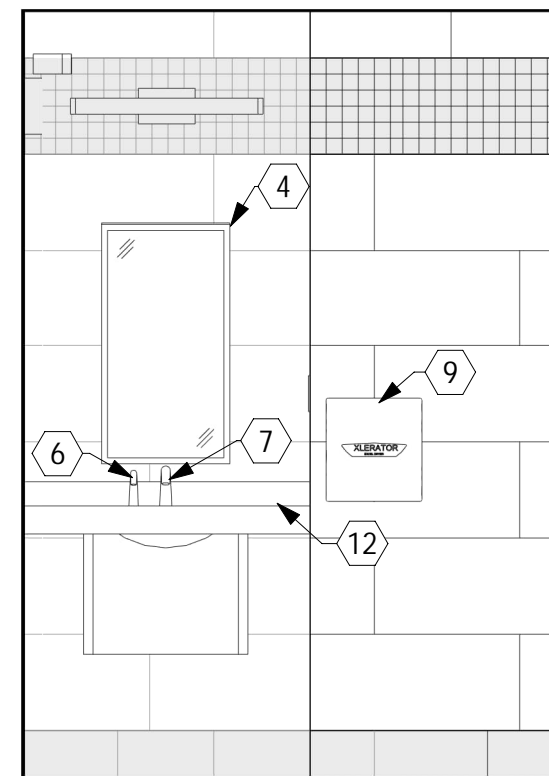




2 BATHROOM 102 - EAST ELEVATION  
1/2" = 1'-0"




3 BATHROOM 102 - SOUTH ELEVATION  
1/2" = 1'-0"

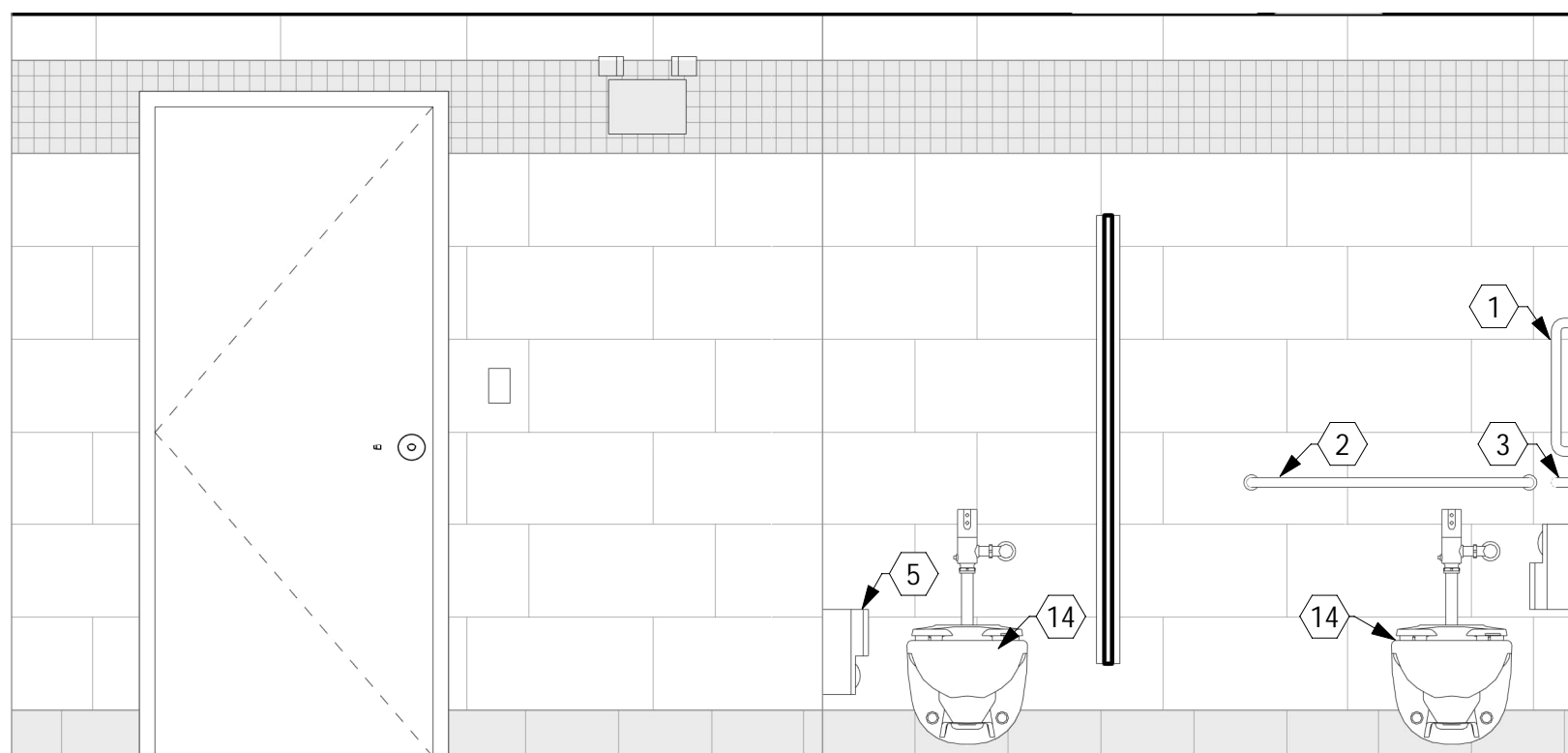


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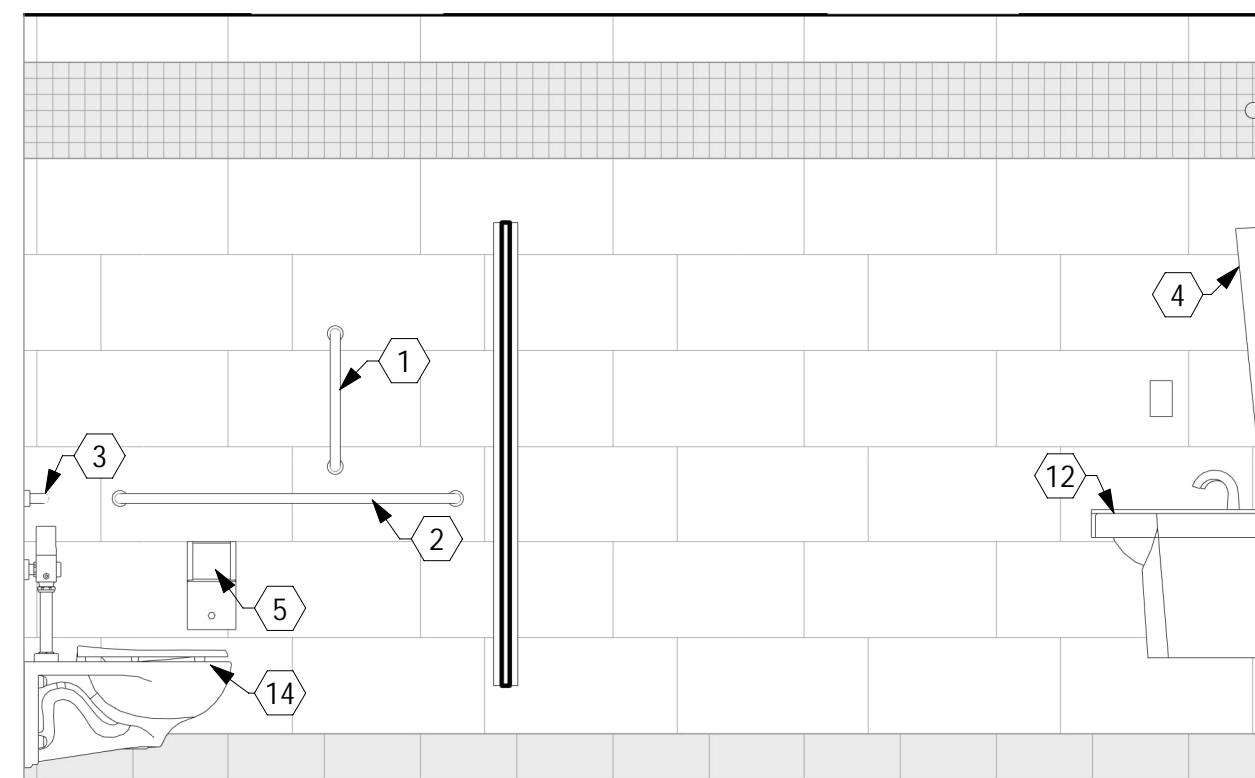
ACCESSORIES SCHEDULE		
ITEM	ACCESSORY	DESCRIPTION
1	GRAB BAR	18" LONG
2	GRAB BAR	42" LONG
3	GRAB BAR	36" LONG
4	MIRROR	18"x30" TILT MIRROR
5	TOILET TISSUE DISPENSER	DUAL ROLL
6	SOAP DISPENSER	SENSOR OPERATED
7	FAUCET	SENSOR OPERATED
8	PAPER TOWEL DISPENSER & WASTE	RECESSED IN WALL
9	ELECTRIC HAND DRYER	SURFACE MOUNTED
10	ROBE HOOK (SINGLE)	MOUNT AT 66" A.F.F.
11	TOILET PARTITIONS	EXISTING PARTITIONS TO BE REINSTALLED AS SHOWN
12	SINGLE BASIN SINK	SOLID SURFACE W/INTEGRAL BASIN & BACKSPLASH
13	DOUBLE BASIN SINK	SOLID SURFACE W/INTEGRAL BASIN & BACKSPLASH
14	WALL MOUNTED WATER CLOSET	AUTOMATIC FLUSH SENSOR
15	WALL MOUNTED URINAL	AUTOMATIC FLUSH SENSOR
16	SHOWERHEAD	WALL MOUNTED
17	SEVERE SERVICE SHOWERHEAD	WALL MOUNTED
18	WALL SEAT	WALL MOUNTED
19	GRAB BAR	19" LONG
20	CURTAIN ROD	WALL MOUNTED
21	LOCKERS	RELOCATED LOCKERS W/NEW BASE & PAINT FINISH

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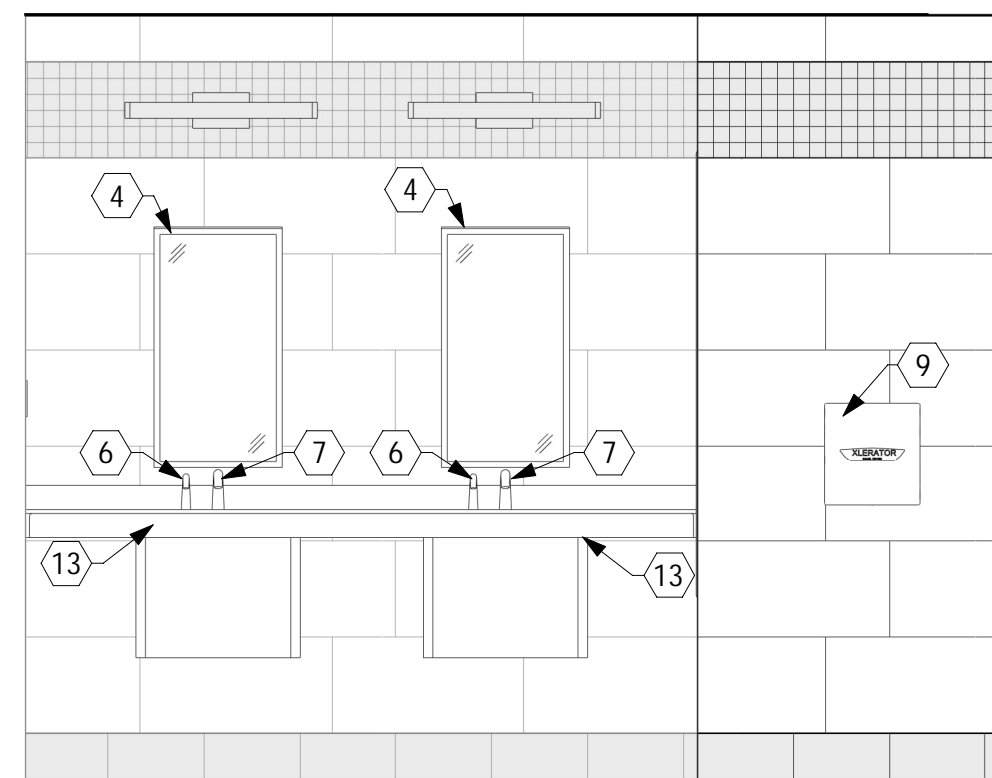
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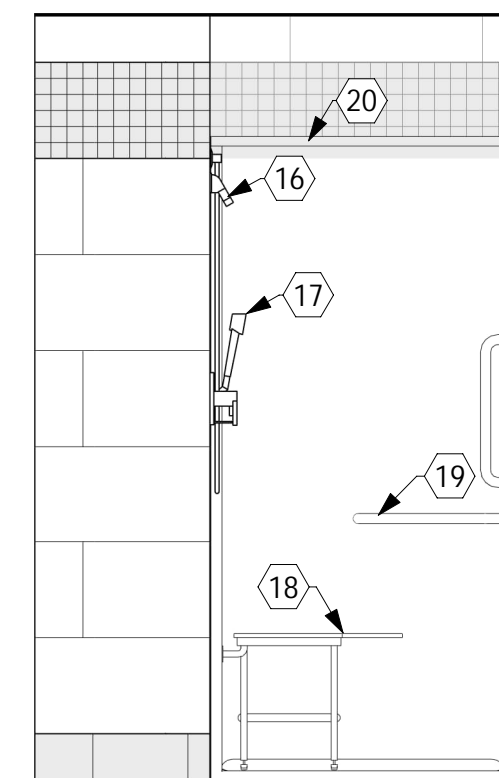
5 WOMEN'S ROOM 105 - NORTH ELEVATION  
1/2" = 1'-0"



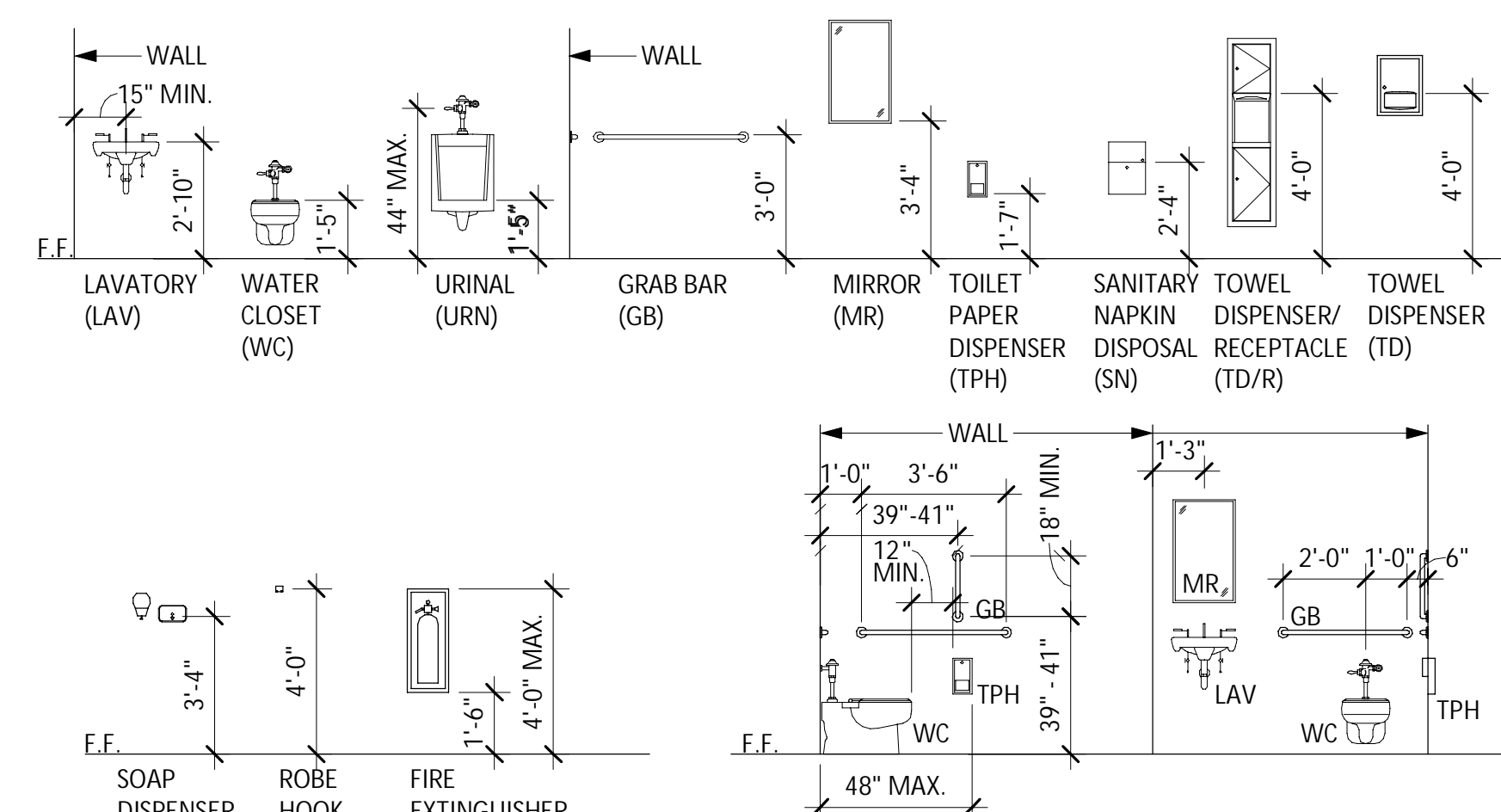
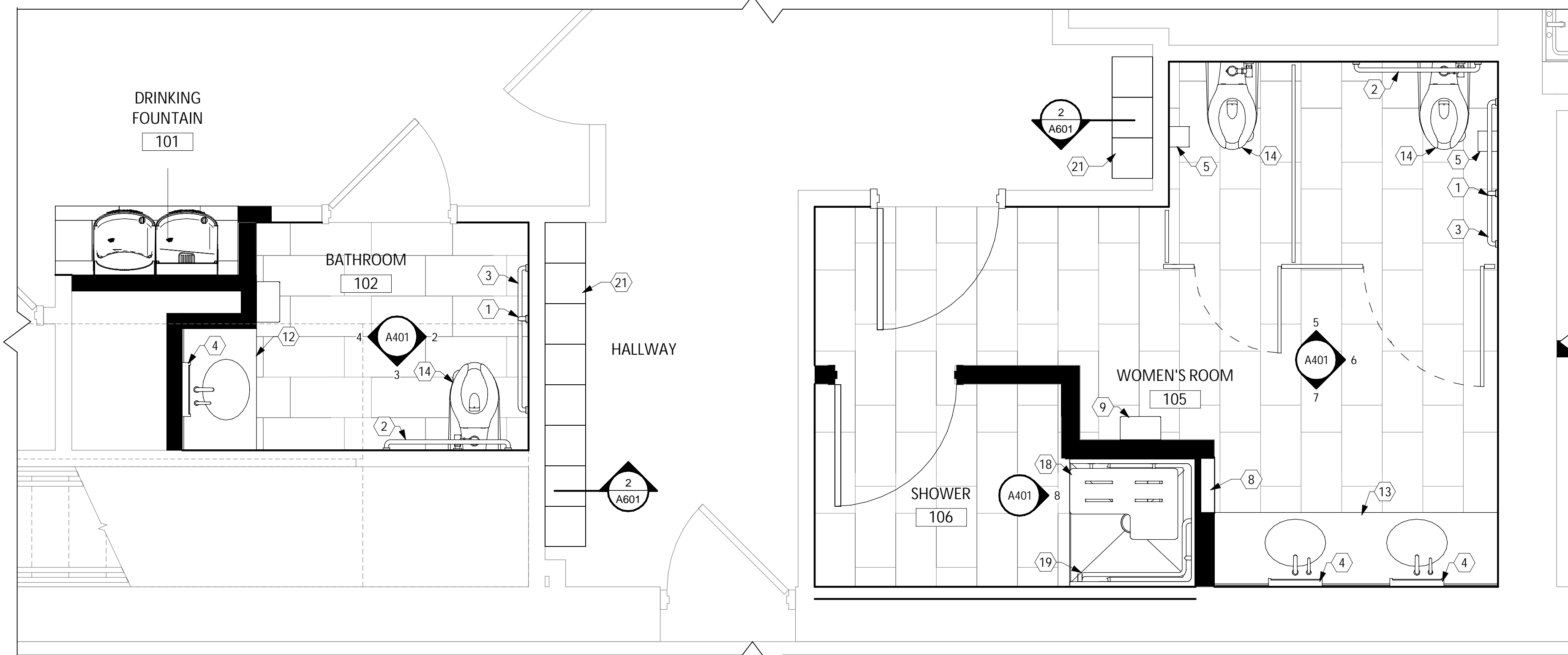
6 WOMEN'S ROOM 105 - EAST ELEVATION  
1/2" = 1'-0"



7 WOMEN'S ROOM 105 - SOUTH ELEVATION  
1/2" = 1'-0"



8 SHOWER 106 - ELEVATION  
1/2" = 1'-0"



### TYPICAL MOUNTING HEIGHTS

STANDARD LAVATORY OR SINK  
WHEELCHAIR LAVATORY  
WATER CLOSET  
WHEEL CHAIR WATER CLOSET  
STANDARD URINAL  
HANDICAPPED URINALS  
WHEELCHAIR WATER COOLER  
ADULT STANDARD DRINKING FOUNTAIN  
WHEELCHAIR DRINKING FOUNTAIN  
GRAB BARS IN SHOWERS AND TUBS  
HANDICAP HAND DRYER

31" FLOOR TO RIM  
34" FLOOR TO RIM  
15" FLOOR TO RIM  
18" FLOOR TO RIM  
22" FLOOR TO RIM  
17" FLOOR TO RIM  
36" FLOOR TO SPOUT OUTLET  
40" FLOOR TO RIM  
36" FLOOR TO SPOUT OUTLET  
33" TO 36" FLOOR TO CENTERS  
38" FLOOR TO MOUNTING PLATE

GENERAL NOTES:

1. TYPICAL MOUNTING HEIGHTS ARE PROVIDED FOR GENERAL REFERENCE ONLY. ACTUAL MOUNTING HEIGHTS AND REQUIREMENTS SHOULD BE VERIFIED WITH ALL ACTUAL MOUNTING HEIGHTS AND REQUIREMENTS SHOULD BE VERIFIED WITH ALL.
2. NOT ALL FIXTURES AND ACCESSORIES SHOWN ARE USED IN THIS PROJECT COORDINATE WITH THE NEW WORK FLOOR PLAN(S).

## ADMINISTRATION AREA NEW WORK PLAN - CALLOUT 1

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

Plotted: 10/11/2023 2:45:02 PM

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Drawn by \_\_\_\_\_ Author \_\_\_\_\_ Designed by \_\_\_\_\_ Designer \_\_\_\_\_

Drawn by—Author

Checked by \_\_\_\_\_ Checker \_\_\_\_\_

Checked by —


CITY OF ITHACA

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

ENLARGED FLOOR PLAN & INTERIOR ELEVATIONS

TOMPKINS COUNTY, NEW YORK

**B** **Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

  
TIMOTHY R. BIVENS  
NYS EXP.: 4/30/2026

Date  
OCTOBER 2023

Scale  
AS SHOWN

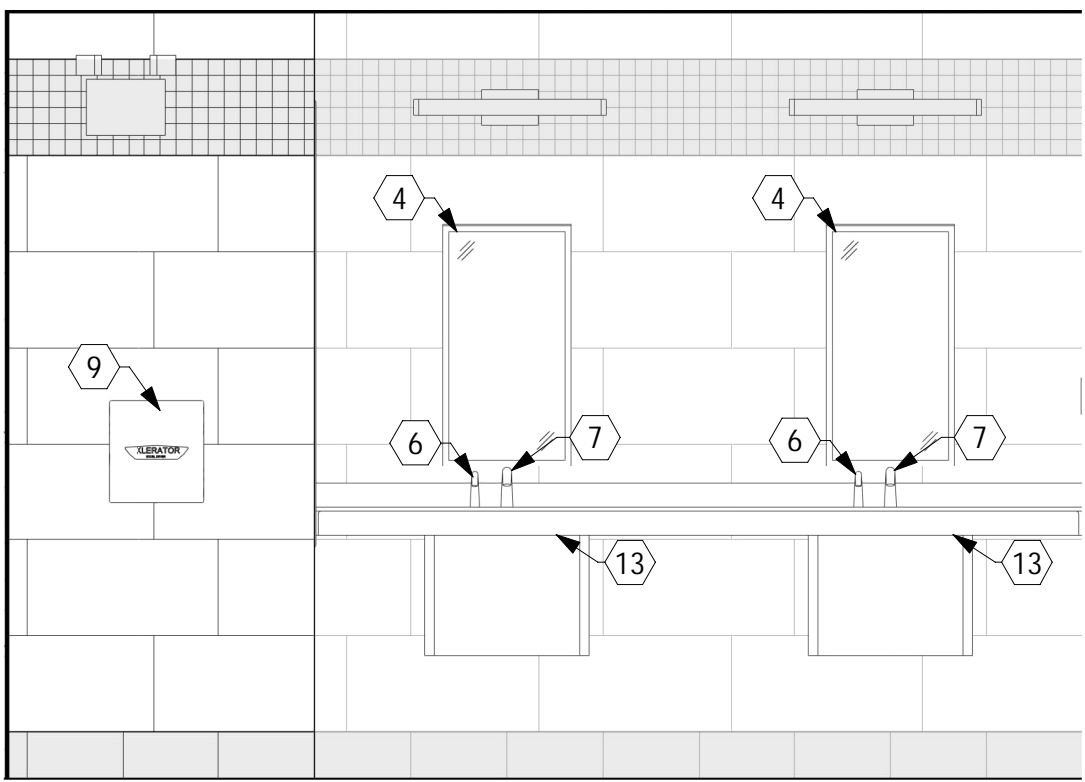
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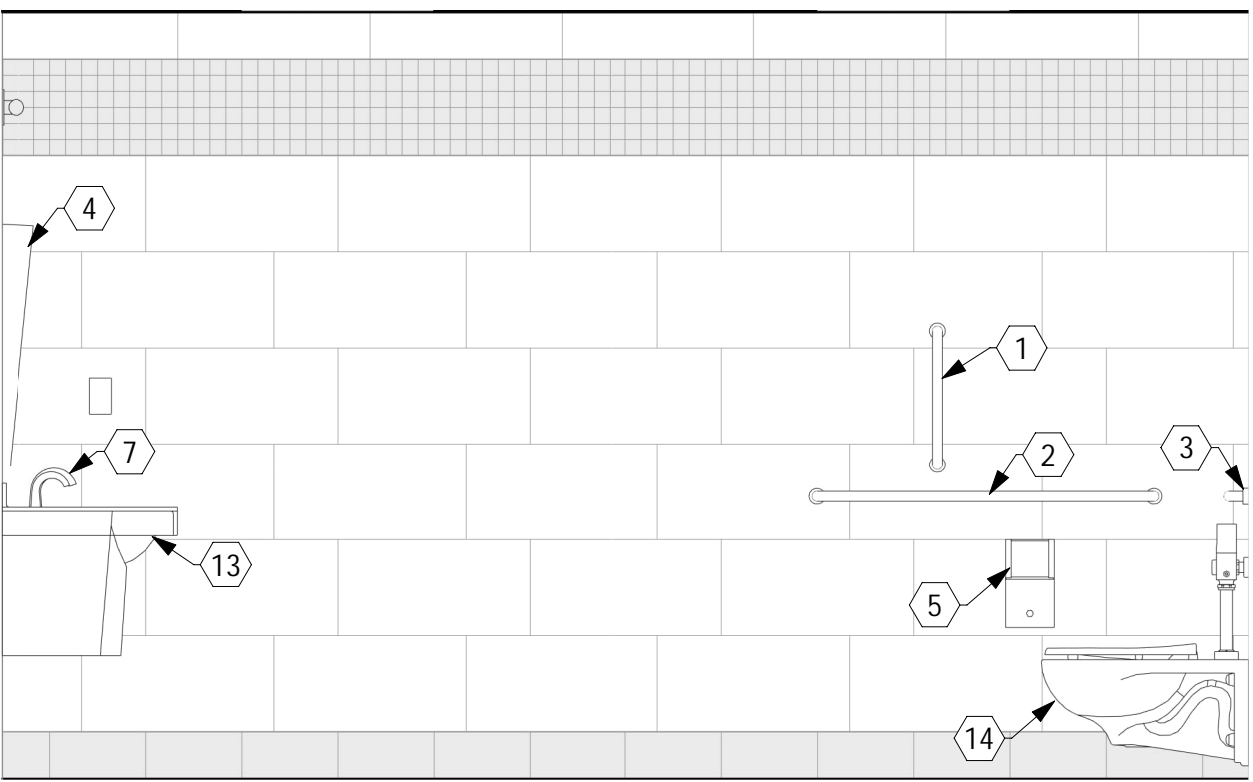
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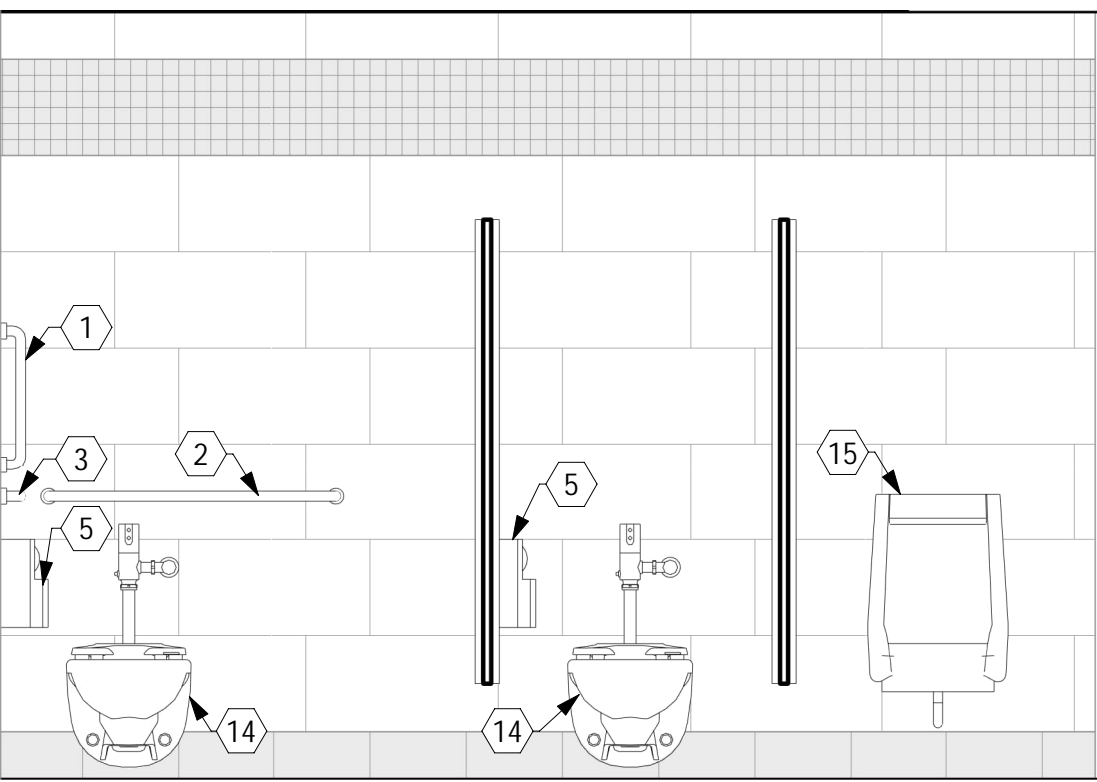
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Author \_\_\_\_\_ Drawn by \_\_\_\_\_



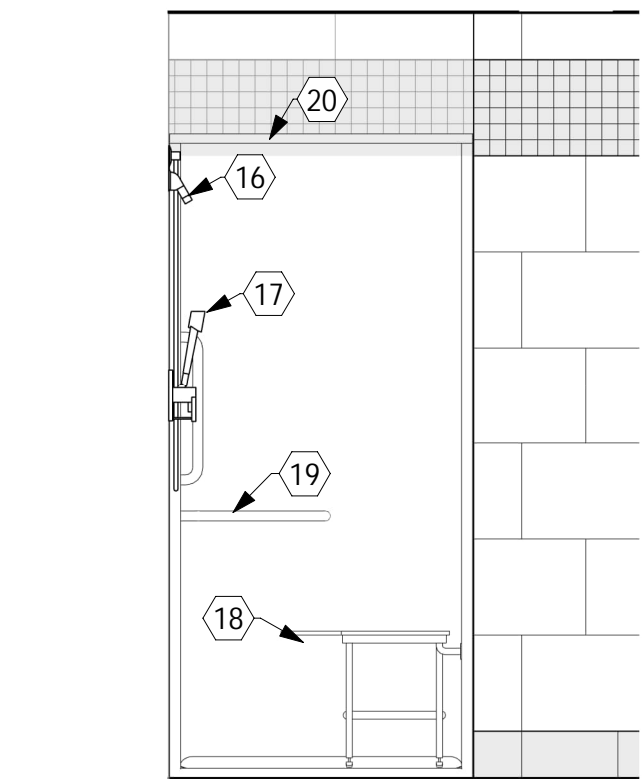
2 MEN'S ROOM 103 - NORTH ELEVATION  
1/2" = 1'-0"



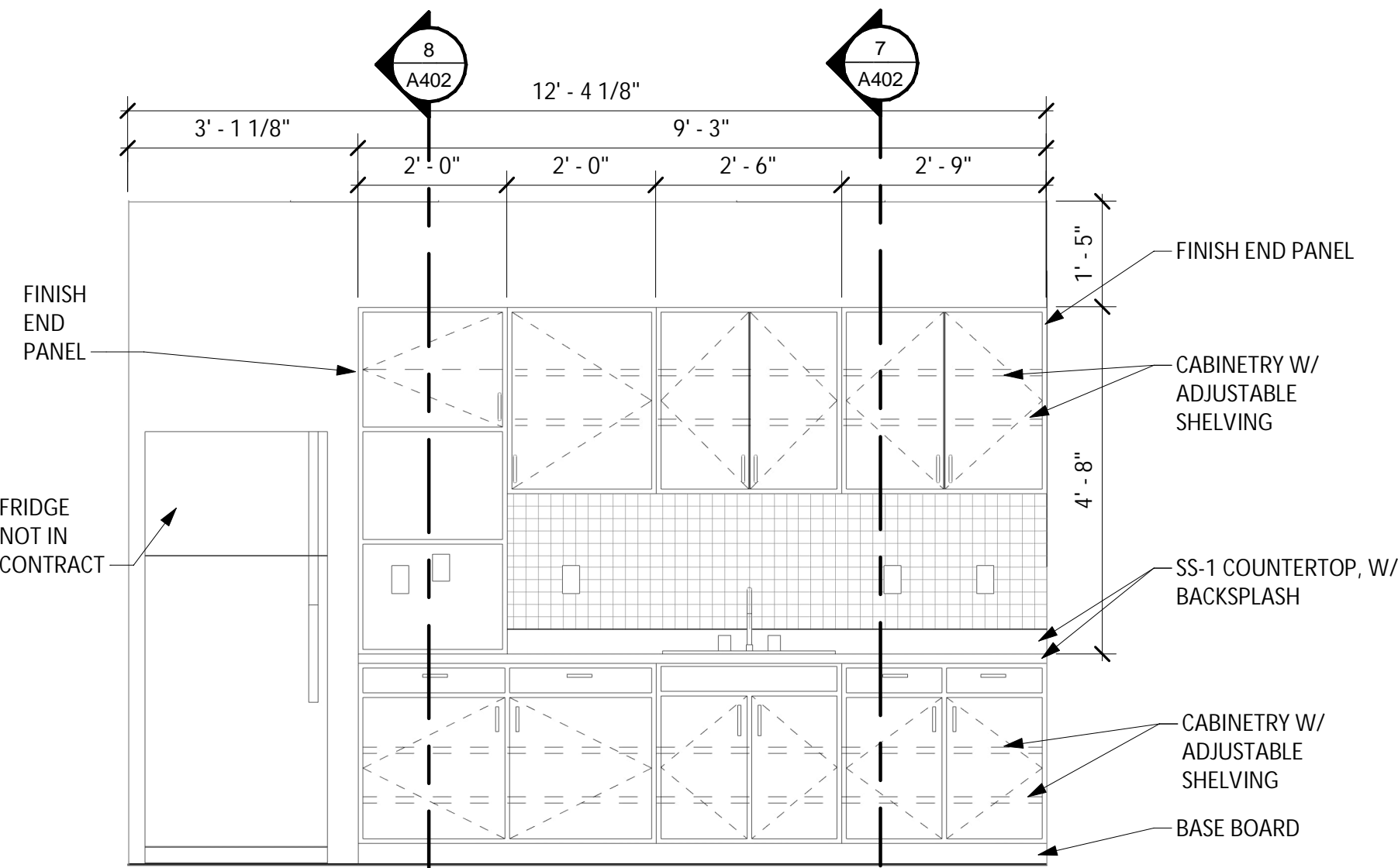
3 MEN'S ROOM 103 - EAST ELEVATION  
1/2" = 1'-0"



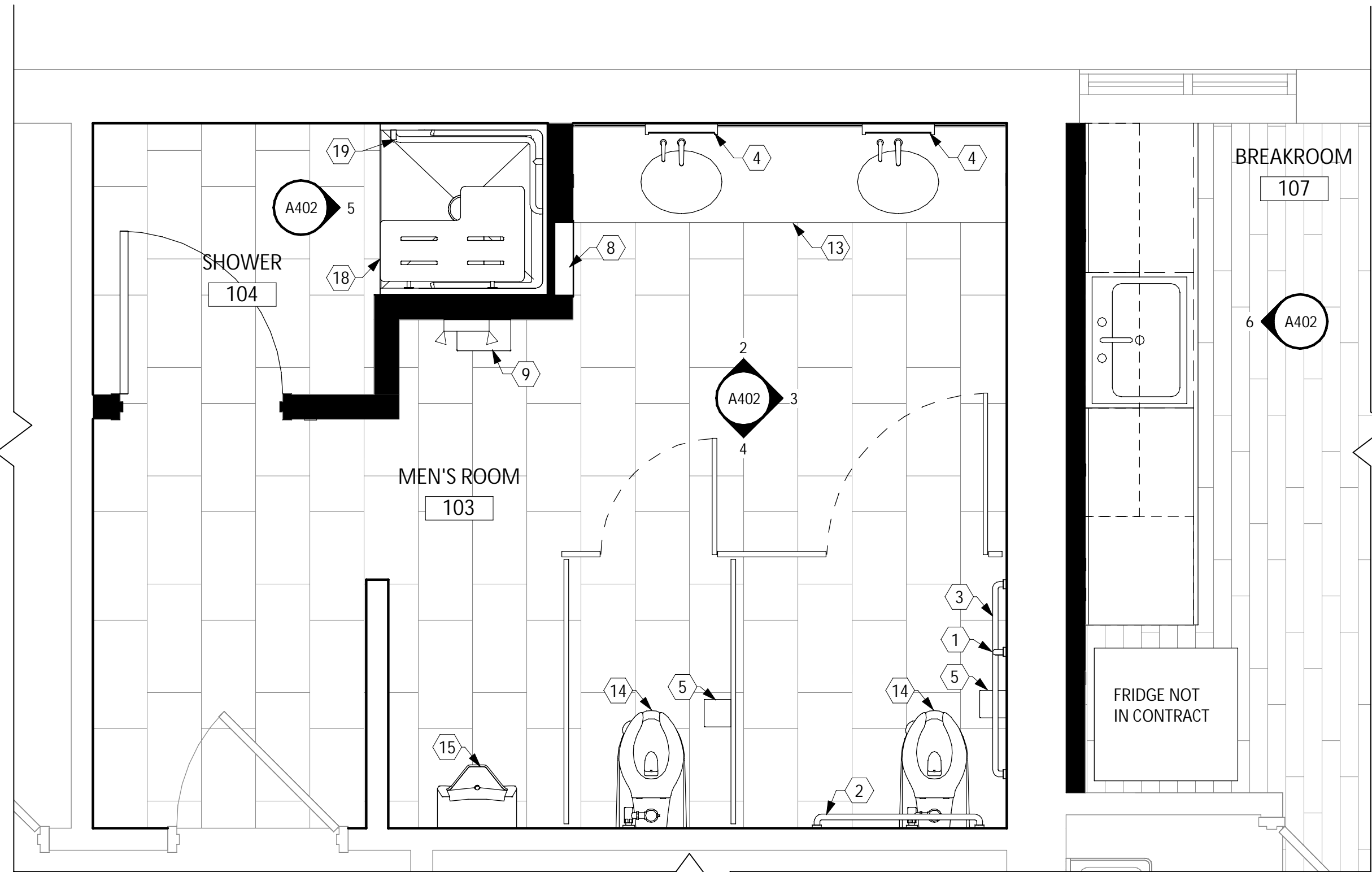
4 MEN'S ROOM 103 - SOUTH ELEVATION  
1/2" = 1'-0"



5 SHOWER 104 - ELEVATION  
1/2" = 1'-0"

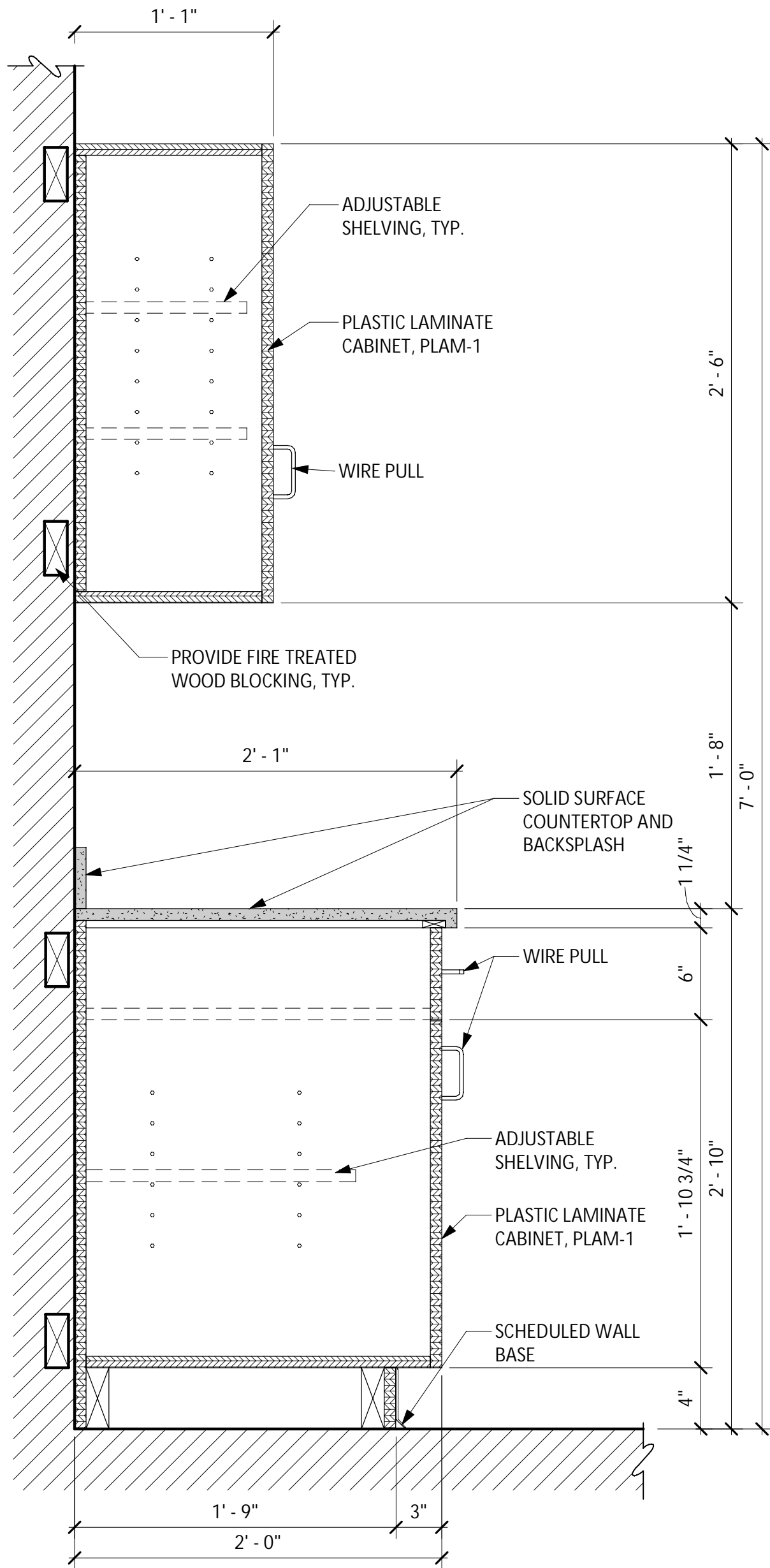


6 BREAKROOM 107 - WEST ELEVATION  
1/2" = 1'-0"

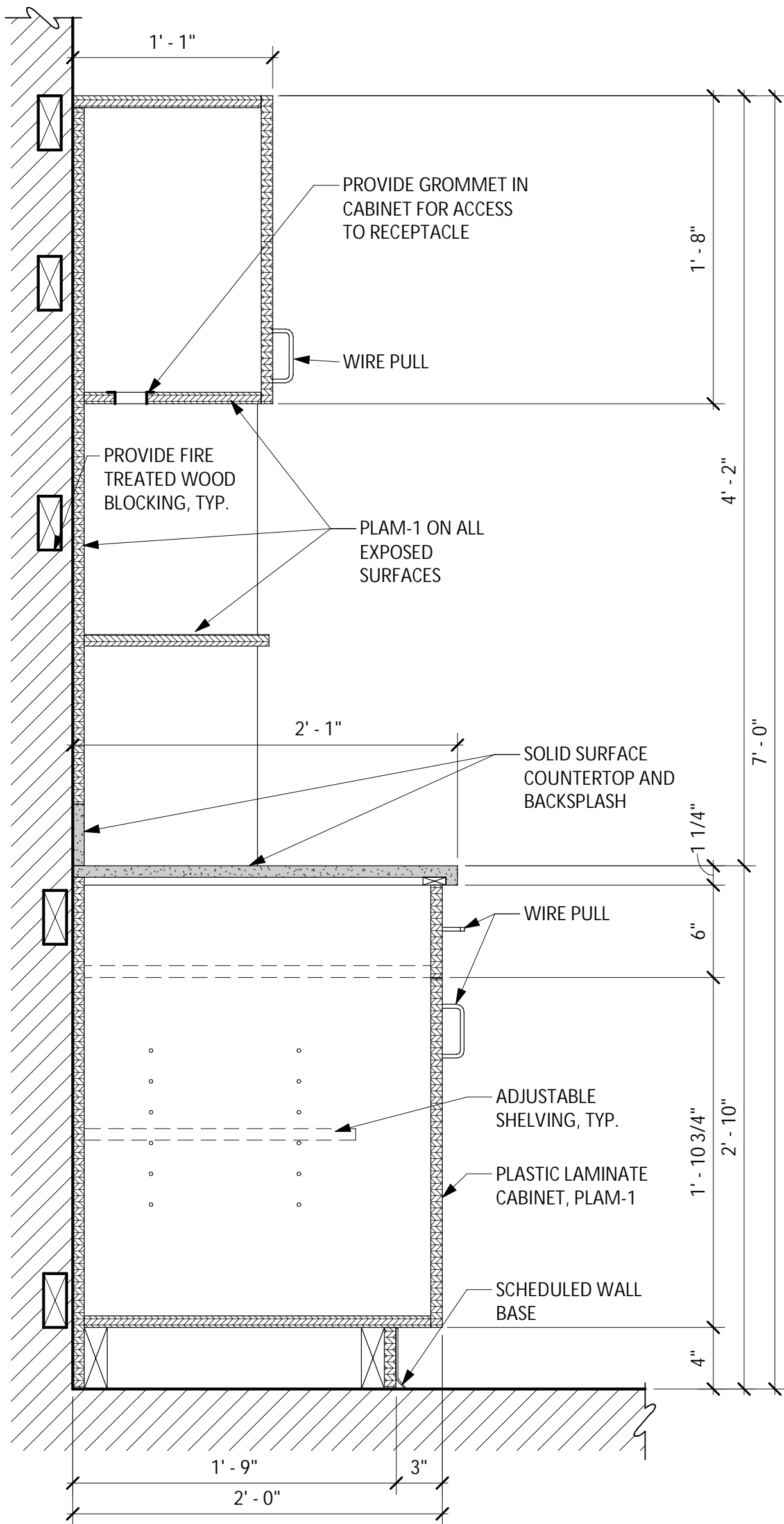


ADMINISTRATION AREA NEW WORK PLAN - CALLOUT 2

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



7 CABINET/DRAWER + UPPER  
1 1/2" = 1'-0"



8 CABINET + MICROWAVE SHELF  
1 1/2" = 1'-0"

## ACCESSORIES SCHEDULE

ITEM	ACCESSORY	DESCRIPTION
1	GRAB BAR	18" LONG
2	GRAB BAR	42" LONG
3	GRAB BAR	36" LONG
4	MIRROR	18"x30" TILT MIRROR
5	TOILET TISSUE DISPENSER	DUAL ROLL
6	SOAP DISPENSER	SENSOR OPERATED
7	FAUCET	SENSOR OPERATED
8	PAPER TOWEL DISPENSER & WASTE	RECESSED IN WALL
9	ELECTRIC HAND DRYER	SURFACE MOUNTED
10	ROBE HOOK (SINGLE)	MOUNT AT 66" A.F.F.
11	TOILET PARTITIONS	EXISTING PARTITIONS TO BE REINSTALLED AS SHOWN
12	SINGLE BASIN SINK	SOLID SURFACE W/INTEGRAL BASIN & BACKSPLASH
13	DOUBLE BASIN SINK	SOLID SURFACE W/INTEGRAL BASIN & BACKSPLASH
14	WALL MOUNTED WATER CLOSET	AUTOMATIC FLUSH SENSOR
15	WALL MOUNTED URINAL	AUTOMATIC FLUSH SENSOR
16	SHOWERHEAD	WALL MOUNTED
17	SEVERE SERVICE SHOWERHEAD	WALL MOUNTED
18	WALL SEAT	WALL MOUNTED
19	GRAB BAR	19" LONG
20	CURTAIN ROD	WALL MOUNTED

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### REVISIONS


TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

## ENLARGED FLOOR PLAN & INTERIOR ELEVATIONS

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE # 0018246



Timothy R. Bivens  
NYS EXP.: 4/30/2026

Date  
OCTOBER 2023

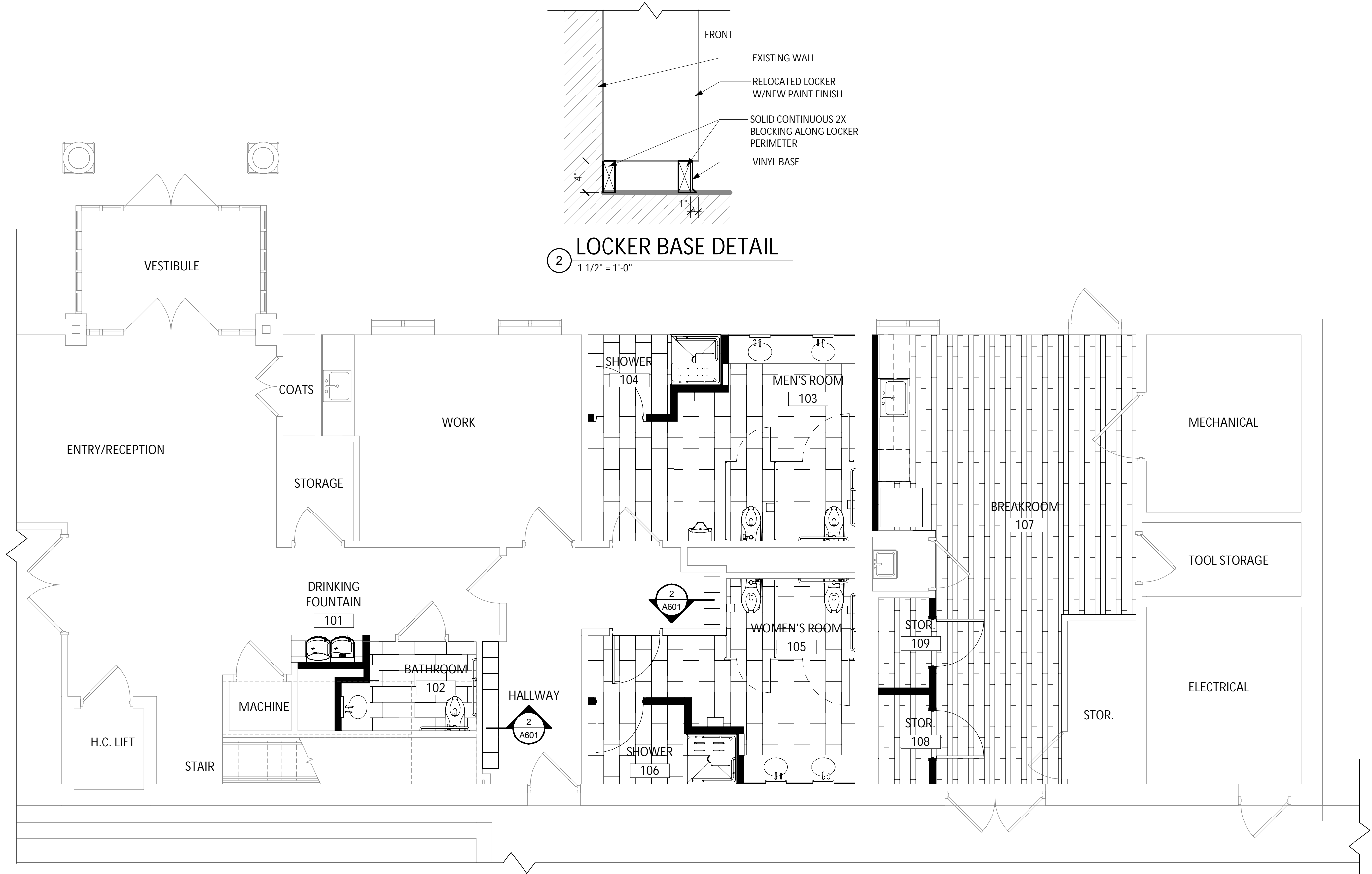
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Project Number  
560.016.019



ROOM FINISH SCHEDULE																							
SPACE		FLOOR	BASE		WALLS												CEILING			DOOR		REMARKS	ROOM NUMBER
ROOM NUMBER	DESCRIPTION	MATERIAL	MATERIAL	TYPE	NORTH WALL			EAST WALL			SOUTH WALL			WEST WALL			MATERIAL	FINISH	COLOR	MATERIAL	FINISH		
					MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR							
101	DRINKING FOUNTAIN	CT-1	CERAMIC	CB-1	N/A	N/A	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	N/A	N/A	N/A	GYP	PTD	PC-1	N/A	N/A		101
102	BATHROOM	CT-1	CERAMIC	CB-1	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	GYP	PTD	PC-1	HM	PTD	102	
103	MEN'S ROOM	CT-1	CERAMIC	CB-1	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	ACT-1	FF	ACT-1	HM	PTD	103	
104	SHOWER	CT-1	CERAMIC	CB-1	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	GYP	PTD	PC-1	HM	PTD	104	
105	WOMEN'S ROOM	CT-1	CERAMIC	CB-1	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	ACT-1	FF	ACT-1	HM	PTD	105	
106	SHOWER	CT-1	CERAMIC	CB-1	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	CWT-1 & CWT-2	FF	CWT-1 & CWT-2	GYP	PTD	PC-1	HM	PTD	106	
107	BREAKROOM	LVT-1	VINYL	VB-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	ACT-1	FF	ACT-1	HM	PTD	107	
108	STOR.	LVT-1	VINYL	VB-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	ACT-1	FF	ACT-1	HM	PTD	108	
109	STOR.	LVT-1	VINYL	VB-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	GWB	PTD	PC-1	ACT-1	FF	ACT-1	HM	PTD	109	



ADMINISTRATION AREA ROOM FINISH PLAN

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

ROOM FINISH SPECIFICATIONS

FLOOR FINISHES

CERAMIC FLOOR TILE

CT-1

MANUFACTURER: CAESAR CERAMICS USA  
STYLE: RUN PORCELAIN  
COLOR: CLAY  
SIZE: 12" X 24"  
INSTALLATION: LOCATED ON ALL BATHROOM FLOORS AS INDICATED ON ROOM FINISH SCHEDULE

LUXURY VINYL TILE

LVT-1

MANUFACTURER: INTERFACE  
STYLE: STUDIO SET LVT  
COLOR: A00703 PEPPER  
SIZE: 10" X 40" PLANKS  
INSTALLATION: LOCATED ON ALL FLOORS AS INDICATED ON ROOM FINISH SCHEDULE

WALL BASE

CERAMIC WALL BASE

CB-1

MANUFACTURER: CAESAR CERAMICS USA  
COLOR: CLAY  
STYLE: COVE BASE  
SIZE: 6" X 12"

WALL FINISHES

PAINT COLOR

PC-1

MANUFACTURER: SHERWIN WILLIAMS  
COLOR: AS SELECTED BY OWNER  
FINISH: SEMIGLOSS  
APPLICATION: CEILINGS AND WALLS AS INDICATED ON ROOM FINISH SCHEDULE

CERAMIC WALL TILE

CWT-1

MANUFACTURER: CAESAR CERAMICS USA  
STYLE: RUN PORCELAIN  
COLOR: CLAY  
SIZE: 12" X 24"  
APPLICATION: LOCATED ON ALL BATHROOM WALLS. REFER TO ROOM FINISH SCHEDULE.

CWT-2

MANUFACTURER: CAESAR CERAMICS USA  
STYLE: RUN PORCELAIN  
COLOR: ROAD  
SIZE: 2" X 2" MOSAIC ON 12" X 12" SHEET  
APPLICATION: ACCENT BAND LOCATED ON ALL BATHROOM WALLS. REFER TO ROOM FINISH SCHEDULE.

FINISH ABBREVIATIONS

INDICATES FLOOR FINISH

- "CT" DENOTES CERAMIC TILE
- "CB" DENOTES CERAMIC WALL BASE
- "LVT" DENOTES LUXURY VINYL TILE
- "VCT" DENOTES VINYL COMPOSITE TILE
- "VB" DENOTES VINYL WALL BASE

INDICATES WALL/TRIM FINISH

- "PT" DENOTES PAINT
- "PC" DENOTES PAINT COLOR
- "CWT" DENOTES CERAMIC WALL TILE

INDICATES MILLWORK FINISH

- "SS" DENOTES SOLID SURFACE

INDICATES DOOR/OTHER FINISH

- "PF" DENOTES PRE-FINISHED MATERIAL
- "EX" DENOTES EXISTING MATERIAL

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REVISIONS


TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION  
ROOM FINISH PLAN & SCHEDULE  
TOMPKINS COUNTY, NEW YORK  
CITY OF ITHACA

Barton & Loguidice  
443 Electronics Parkway  
Liverpool, NY 13088

B&L

REGISTERED ARCHITECT  
TIMOTHY R. BIVENS  
400.03.1108  
NYS EXP.: 4/30/2026

Date  
OCTOBER 2023

Scale  
AS SHOWN

Sheet Number  
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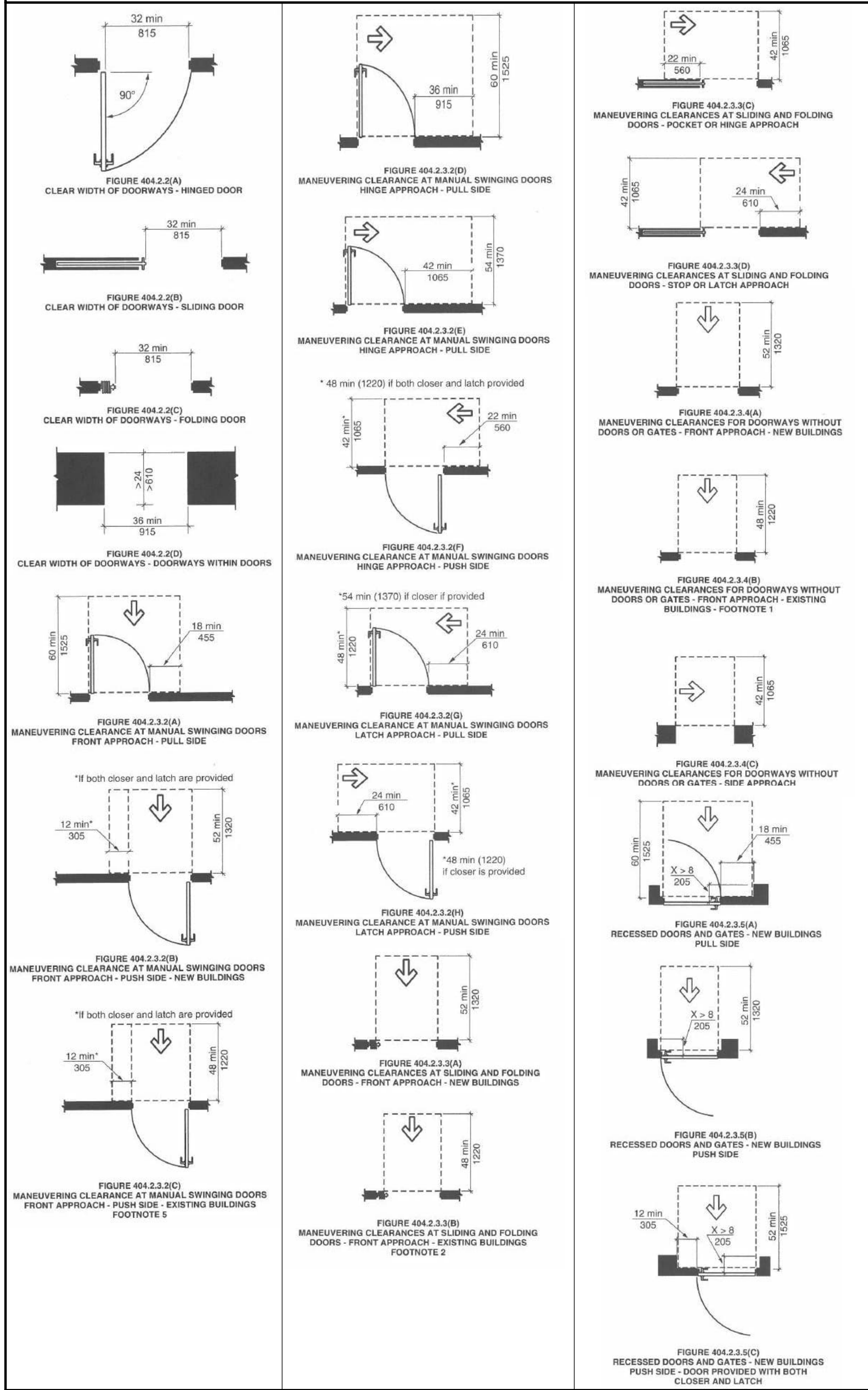
Project Number  
560.016.019

0018246

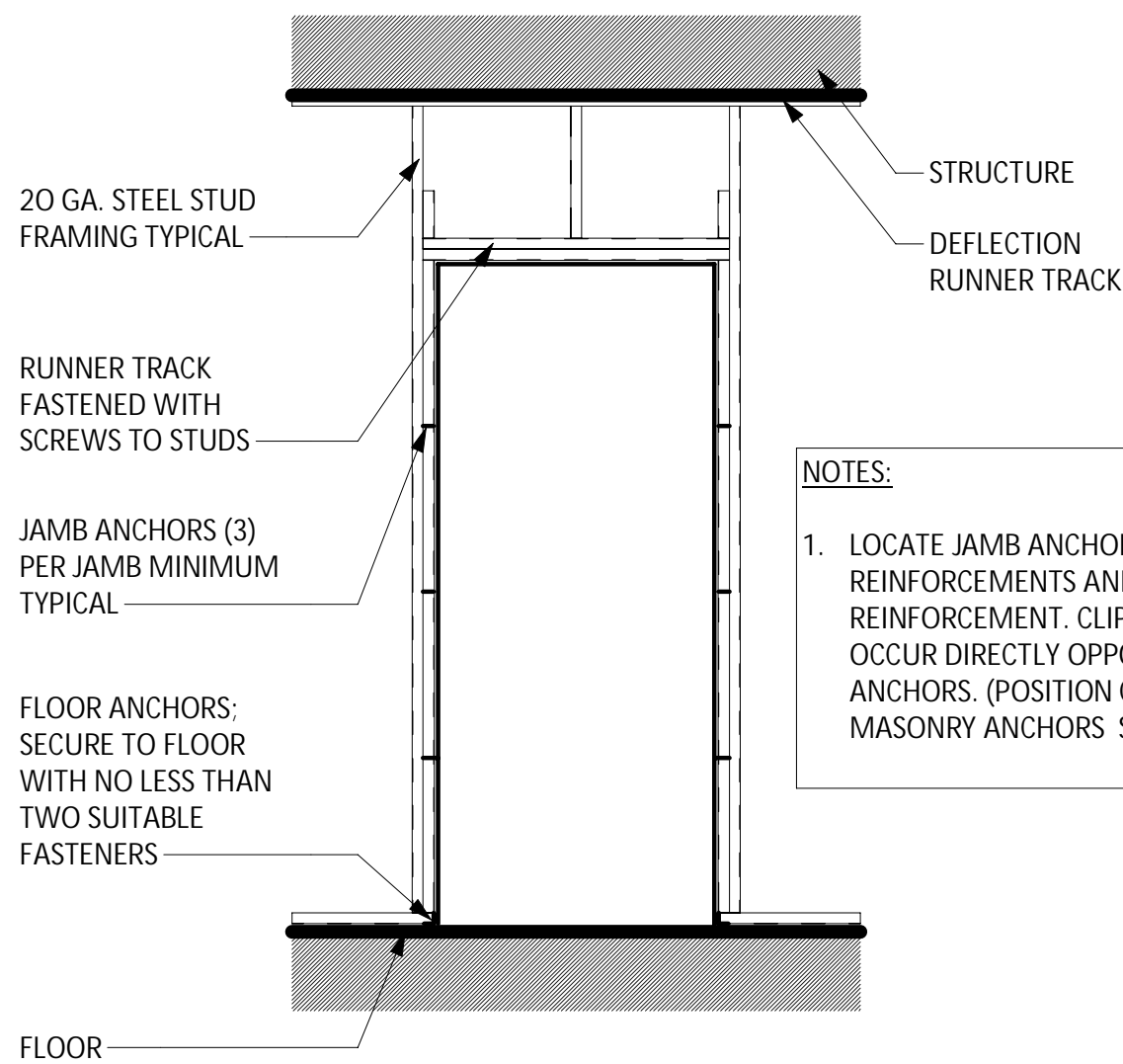
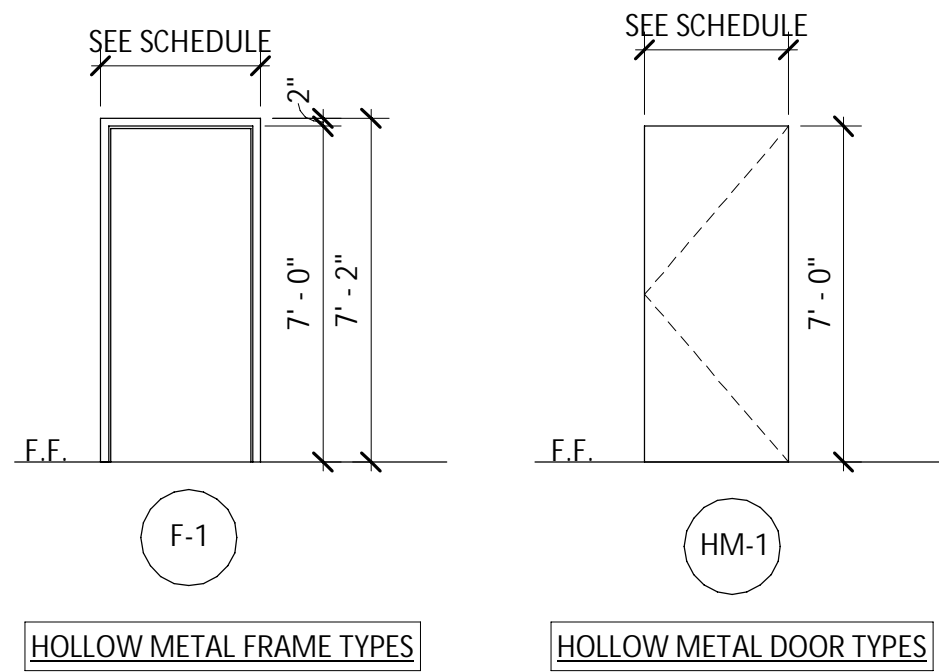
NYS CERTIFICATE #



## STANDARD MANEUVERING CLEARANCES



## TYPICAL DOOR AND FRAME TYPES

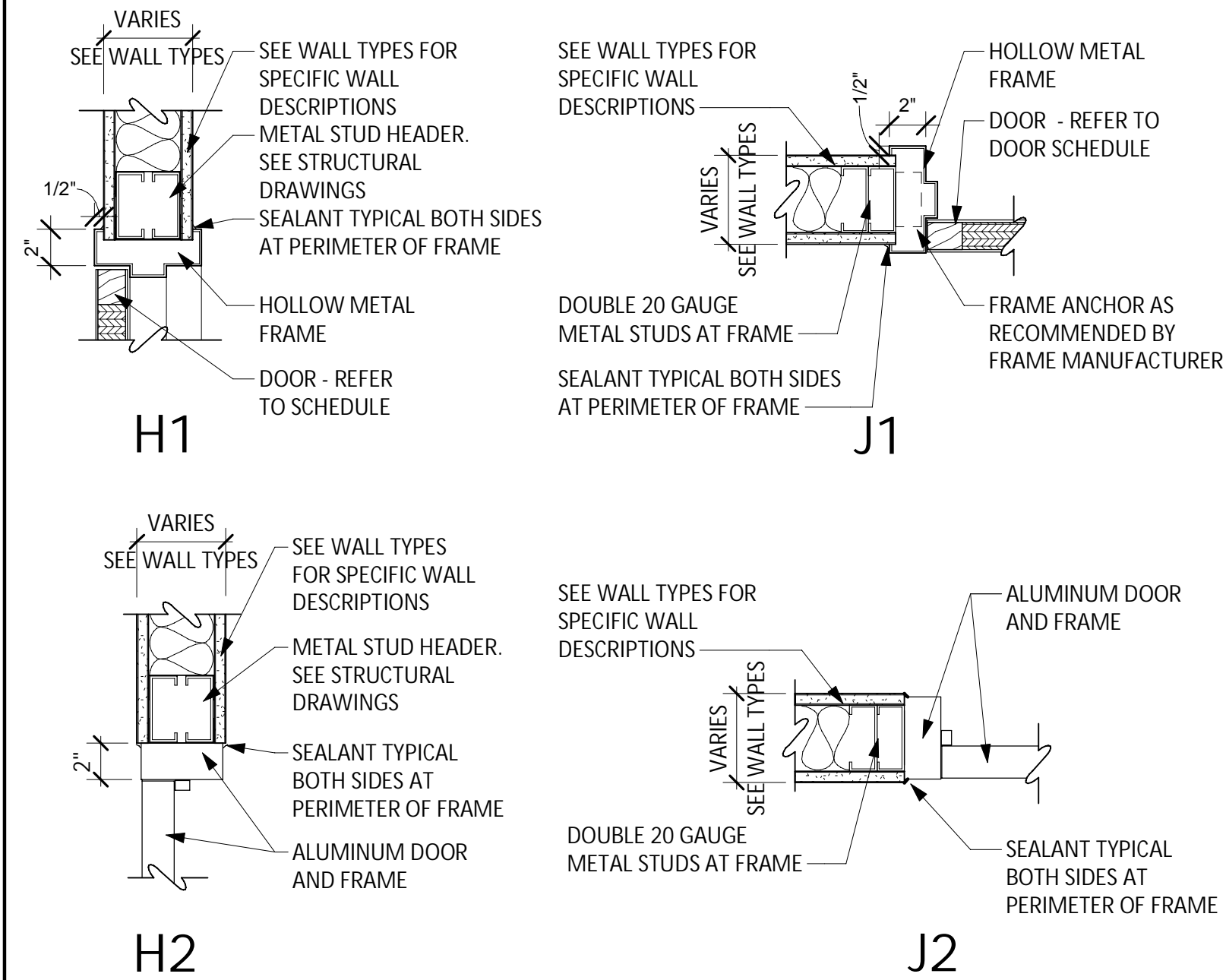


## TYPICAL DOOR FRAMING DETAIL

$$1/2'' = 1'-0''$$

DOOR SCHEDULE																	
SPACE		SIZE		DOOR				FRAME					FIRE RATING	REMARKS	DOOR NUMBER		
DOOR NUMBER	DESCRIPTION	WIDTH	HEIGHT	ELEVATION	TYPE	HARDWARE	THICKNESS	FINISH	FRAME ELEVATION	TYPE	FINISH	DETAILS					
												JAMB				HEAD	SILL
101	SHOWER	3' - 0"	7' - 0"	HM-1		HW-2	1 3/4"	PTD	F-1		PTD	J1	H1			101	
102	WOMEN'S ROOM	3' - 0"	7' - 0"	HM-1		HW-1	1 3/4"	PTD	F-1		PTD	J1	H1		C	102	
103	SHOWER	3' - 0"	7' - 0"	HM-1		HW-2	1 3/4"	PTD	F-1		PTD	J1	H1			103	
104	STOR.	3' - 0"	7' - 0"	HM-1		HW-3	1 3/4"	PTD	F-1		PTD	J1	H1			104	
105	STOR.	3' - 0"	7' - 0"	HM-1		HW-3	1 3/4"	PTD	F-1		PTD	J1	H1			105	

## TYPICAL DOOR HEAD AND JAMB DETAILS



**NOTES:**

1. LOCATE JAMB ANCHOR ABOVE HINGE REINFORCEMENTS AND JUST BELOW TOP REINFORCEMENT. CLIPS ON STRIKE SIDE TO OCCUR DIRECTLY OPPOSITE HINGES SIDE ANCHORS. (POSITION CONCRETE AND MASONRY ANCHORS SIMILARLY).

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## DOOR SCHEDULE & STANDARD INFORMATION

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION

TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #

0018246



TIMOTHY R. BIVENS  
NYS EXP.: 4/30/2026

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Sheet Number

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Project Number

560.016.019



STRUCTURAL NOTES:

GENERAL:

- ALL STRUCTURES ARE DESIGNED IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE.
- ALL DIMENSIONS TO, OF, AND IN EXISTING BUILDING SHALL BE VERIFIED IN FIELD BY CONTRACTOR.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR FOR COMPLETE REPAIRS.
- ALL WORK SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR PREPARATIONS AND INSTALLATION OF PROPRIETARY MATERIALS.
- DO NOT CHANGE SIZE NOR SPACING OF STRUCTURAL ELEMENTS.
- DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR AND/OR SUBCONTRACTORS ARE SOLELY RESPONSIBLE FOR EXECUTING THE WORK AND MAINTAINING THE WORK SITE IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES AND STANDARDS.
- CONTRACTOR SHALL PROVIDE PROTECTIVE BARRICADES, SIGNS AND LIGHTING TO PREVENT ANY UNAUTHORIZED PASSAGE INTO WORK AREA.
- PROTECT ALL EXISTING BUILDING ELEMENTS FROM DAMAGE. CONTRACTOR SHALL RESTORE ALL DAMAGED ELEMENTS TO ORIGINAL OR BETTER CONDITION.
- CONTRACTOR SHALL COORDINATE AND IDENTIFY LOCATIONS OF EXISTING UTILITIES THROUGH COMMUNICATION AND DIRECTION BY OWNER PRIOR TO START OF CONSTRUCTION. ANY OWNER IDENTIFIED UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ALL PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR EQUIPMENT SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTABLE TO THE ENGINEER. NO CHANGES SHALL BE MADE WITHOUT APPROVAL BY THE ENGINEER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDER AND/OR INSTALLATION OF MATERIAL.
- DO NOT SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE PLANS.

CONCRETE:

- STANDARDS - AMERICAN CONCRETE INSTITUTE (ACI)
  - ACI 302.1R GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION (LATEST EDITION)
  - ACI 306R GUIDE TO COLD WEATHER CONCRETING (LATEST EDITION)
  - ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (LATEST EDITION)
- REINFORCING -
  - STEEL FIBER - SIKAFIBER NOVOCON CHE-6560 STEEL FIBER REINF, UNIFORMLY ADDED TO CONCRETE MIX AT A RATE OF 50 LBS/CU. YD.
  - BARS - ASTM A-615 GRADE 60
- CONCRETE COVER OVER BARS (UNLESS SHOWN OTHERWISE ON PLANS):
  - CONCRETE DEPOSITED ON GROUND - 3"
  - FORMED CONCRETE EXPOSED TO GROUND, WEATHER OR WATER - 2"
  - WALLS & SLABS NOT DIRECTLY EXPOSED TO GROUND, WATER OR WEATHER - 1"
- SPICES IN REINFORCEMENT: UNLESS OTHERWISE NOTED, ALL SPICES AND ANCHORAGES SHALL BE IN ACCORDANCE WITH ACI 318 SLAB. STAGGER SPICES WHEREVER POSSIBLE AND LOCATE SO AS NOT TO IMPAIR STRENGTH OF MEMBERS.
- THE CONTRACTOR SHALL NOT PLACE ANY CONCRETE PRIOR TO INSPECTION OF THE CONCRETE SUBSTRATE AND REINFORCING STEEL AND AUTHORIZATION BY THE ENGINEER.
- COLD WEATHER CONCRETING SHALL FOLLOW THE REQUIREMENTS AND RECOMMENDATIONS OF ACI 306R.
- CONCRETE SHALL BE MAINTAINED AT A MINIMUM TEMPERATURE OF 50 DEGREES FAHRENHEIT FROM THE TIME THE CONCRETE IS DISCHARGED FROM THE READY MIX TRUCK TO THE TIME THE PLACED CONCRETE ATTAINS THE SPECIFIED DESIGN STRENGTH.
- FINAL FLOOR SLAB FINISHING SHALL BE PERFORMED BY POWERED STEEL TROWEL FINISH.
- SLAB REINFORCEMENT SHALL BE MAINTAINED AND SUPPORTED IN POSITION PER PLAN BY USE OF APPROVED PREFABRICATED CHAIRS.

EXISTING CONCRETE REMOVAL AND REPLACEMENT NOTES:

- HIGH EARLY STRENGTH HES CONCRETE SHALL BE IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION §502-2.02, HIGH-EARLY-STRENGTH (HES) CONCRETE EXCEPT:
  - DESIGN THE HES MIX TO SATISFY THE OPENING TO OPERATIONAL USE TIME REQUIREMENTS OF THE CONTRACT AND TABLE 1 BELOW, "HIGH-EARLY-STRENGTH CONCRETE MIX REQUIREMENTS", RATHER THAN TABLE 502-1 OF THE NYSDOT STANDARD SPECIFICATION.
  - USE COARSE AGGREGATE HAVING A 1A GRADATION.

TABLE 1 - HIGH-EARLY-STRENGTH CONCRETE MIX REQUIREMENTS			
PROPERTY	MINIMUM	DESIRED	MAXIMUM
3 DAY (72 HR.) OPEN TO USE COMPRESSIVE STRENGTH	4,000 PSI (WALLS) 5,000 PSI (SLAB)		
PLASTIC AIR CONTENT	5.0%	6.5%	8.0%
SLUMP	1 1/2 - INCH	-	4 - INCH

- CONCRETE SHRINKAGE REDUCING ADMIXTURE: PROVIDE ADMIXTURE TYPE: SIKACONTROL NS, ADDED TO MIX AT A RATE OF 4% OF PORTLAND CEMENT CONTENT.
- DETERMINE THE COMPRESSIVE STRENGTH OF THE CONCRETE AT THE DESIRED TIME AS DISCUSSED BELOW IN PROJECT STRENGTH DETERMINATION. MIX DESIGN APPROVAL DOES NOT RELIEVE THE CONTACTOR'S RESPONSIBILITY OF ACHIEVING THE SPECIFIED REQUIREMENTS DURING THE CONTRACT.
- HES CONCRETE MIX DESIGN AND ALL DETAILS RELATED TO HES CONCRETE PRODUCTION AND DISCHARGE MUST BE APPROVED BY THE ENGINEER/OWNER'S REPRESENTATIVE BEFORE PLACEMENT.
- SAW CUTTING EQUIPMENT: USE DIAMOND BLADE SAWS CAPABLE OF MAKING STRAIGHT, 4 INCH DEEP SAW CUTS AT SLAB, 1 INCH DEEP SAW CUTS AT WALLS. USE SAWS EQUIPPED WITH CUTTING GUIDES, BLADE GUARDS, WATER COOLING SYSTEMS, DUST CONTROL, AND CUT DEPTH CONTROL. MAINTAIN EQUIPMENT AND SUPPLIES TO ENSURE UNINTERRUPTED OPERATION.
- CHIPPING HAMMERS: USE CHIPPING HAMMERS ACCEPTABLE FOR USE BY THE ENGINEER OR OWNER'S REPRESENTATIVE EQUIPPED WITH SHARP SPADE BITS. PROVIDE THE ENGINEER/OWNERS REPRESENTATIVE WITH HAMMER SPECIFICATIONS FROM THE MANUFACTURER BEFORE ITS USE. MAINTAIN EQUIPMENT AND SUPPLIES TO ENSURE UNINTERRUPTED OPERATION.
- MEET WITH THE OWNER 7 TO 14 DAYS BEFORE THE PLANNED START OF REMOVAL TO COORDINATE ALL ASPECTS OF REMOVAL, PREPARATION, MATERIAL PLACEMENT INCLUDING MIXING, TRANSPORT, AND DISCHARGE, MATERIAL REQUIREMENTS, TESTING, AND PERSONNEL REQUIREMENTS.
- CLEAN SURFACES OF EXISTING CONCRETE AS CLOSE TO REPAIR MATERIAL PLACEMENT TIME AS POSSIBLE, THOROUGHLY ABRASIVE BLAST ALL CONCRETE SURFACES THAT WILL BE IN CONTACT WITH THE REPLACEMENT MATERIAL SUCH THAT THEY ARE UNIFORMLY ABRADED AND FREE OF ANY DIRT, LAITANCE, OIL OR OTHER MATERIAL THAT MAY PREVENT BOND. IMMEDIATELY BEFORE PLACEMENT, AIR BLAST THE EXISTING SURFACES TO REMOVE ANY REMAINING DEBRIS AND MOISTURE. THE CONTRACTOR WILL CHECK THE AIR STREAM WITH A CLEAN, WHITE CLOTH TO ENSURE NO OIL OR CONTAMINANTS ARE IN THE AIR BLAST AND SHALL CHECK SURFACES FOR DUST BY WIPING WITH A DARK CLOTH OR GLOVE. IF DUST CONTAMINANTS IS FOUND, THE SURFACE SHALL BE RE-CLEANED AT NO ADDITIONAL EXPENSE TO THE CONTRACT.
- APPLY APPROVED BONDING AGENT TO ALL EXISTING CONCRETE SURFACES TO RECEIVE CONCRETE REPLACEMENT MATERIAL.
- PLACE HES CONCRETE BEFORE THE BONDING AGENT DRIES. CONSOLIDATE CEMENTITIOUS MATERIAL WITH A HAND-HELD VIBRATOR.
- FINISH REPLACEMENT CONCRETE FLUSH WITH THE SURROUNDING SURFACES OR AS SHOWN ON PLANS. KEEP HAND FINISHING TO A MINIMUM. DO NOT ADD ANY ADDITIONAL WATER TO SURFACES DURING FINISHING.
- IMMEDIATELY AFTER FINISHING, THOROUGHLY COAT HES CONTRETE WITH A DOUBLE COAT OF CURING COMPOUND MEETING NYSDOT STANDARD SPECICAITON §711-05, MEMBRANE CURING COMPOUND AT A MINIMUM RATE OF 80 FT2/GAL.
- OPENING HES CONCRETE TO USE SHALL BE AS REQUIRED IN TABLE 1 OF THESE NOTES.
- THE 72 HOUR OPENING TO USE TIME FRAME MAY BE REDUCED IF CYLINDERS CAST AND TESTED AS DISCUSSED BELOW IN PROJECT STRENGTH DETERMINATION INDICATE A DESIGN COMPRESSION STRENGTH HAS BEEN ACHIEVED. ANY ADDITIONAL CYCLINDER BREAKS REQUESTED BY CONTRACTOR, OTHER THAN SPECIFIED, SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.
- PROJECT STRENGTH DETERMINATION: PROVIDE AN ACI CERTIFIED CONCRETE FIELD TESTING TECHNICIAN, GRADE I, OR HIGHER, TO CAST ALL CYCLINDERS. UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS, USE AN AGENCY ACCREDITED BY THE AASHTO ACCREDITATION PROGRAM (AAP) IN THE FIELD OF CONSTRUCTION MATERIALS TESTING OF PORTLAND CEMENT CONCRETE TO PERFORM COMPRESSION STRENGTH TESTING. CAST CEMENT CONCRETE TO PERFORM COMPRESSIVE STRENGTH TESTING. CAST AND TEST IN THE PRESENCE OF THE ENGINEER/OWNERS REPRESENTATIVE. PROVIDE ACCEPTABLE PROOF OF ACI CERTIFICATION AND AASHTO ACCREDITATION TO THE ENGINEER/OWNERS REPRESENTATIVE. PROVIDE ACCEPTABLE PROOF OF ACI CERTIFICATION AND AASHTO ACCREDITATION TO THE ENGINEER/OWNERS REPRESENTATIVE BEFORE PLACING ANY CONCRETE. CAST A MINIMUM OF 3 CYLINDER PAIRS (6 CYLINDERS TOTAL) FROM EACH SCHEDULED PLACEMENT OPERATION IN ACCORDANCE WITH MATERIALS METHOD 9.2, FIELD INSPECTION OF PORTLAND CEMENT CONCRETE. CAST EACH PAIR FROM DIFFERENT DELIVERY TRUCKS WITH 1 OF THE 3 PAIRS CAST FROM THE LAST TRUCK OF THE OPERATION. DEVELOP AN ENGINEER/OWNERS REPRESENTATIVE APPROVED MARKING SYSTEM THAT ALLOWS A CYLINDER TO BE READILY ASSOCIATED WITH THE CORRESPONDING PLACEMENT LOCATION AND PLACEMENT TIME. MARK THE CYLINDERS AND PLACE THEM ADJACENT TO THE REPLACEMENT SITE UNDER SIMILAR CURING CONDITIONS. DETERMINE THE CONCRETE COMPRESSION STRENGTH IN ACCORDANCE WITH ASTM C39, STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS. TEST ALL CYLINDER PAIRS AT THE SAME TIME RELATIVE TO WHEN THEY WERE CAST. THE TESTING TIME MUST BE WITHIN THE TIME FRAME NEEDED TO OPEN FOR USE THE LAST CONCRETE PLACED IN THE OPERATION. AT A MINIMUM, CONCRETE COMPRESSIVE TESTING SHALL BE PERFORMED AT 3-DAYS, 7-DAYS, 14-DAYS AFTER CYLINDERS ARE CAST.
- IF THE REPAIRED CONCRETE PLACEMENT AREAS ARE OPENED FOR USE BY THE CONTRACTOR BEFORE THEY HAVE ACHIEVED THE REQUIRED OPEN TO USE COMPRESSIVE STRENGTH, OR IF THE COMPRESSIVE STRENGTH OF CYLINDER BREAKS AT 7 OR 14 DAYS IS NOT ACHIEVED, THE CONCRETE PLACEMENT AFFECTED WILL BE CONSIDERED DEFECTIVE CONCRETE, AND SHALL BE REPLACED BY THE CONTRACTOR AT THE OWNER'S DISCRETION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL REINFOCEMENT SHALL BE IN CONFORMANCE WITH ASTM A615 GRADE 60 (FY=60 KSI) FOR DEFORMED REINFORCEMENT BAR AND ASTM A185 (FY = 60 KSI) FOR PLAIN WIRE REINFORCEMENT.

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REVISIONS

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TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION  
  
GENERAL STRUCTURAL NOTES  
  
TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

Barton & Loguidice  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
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Date  
OCTOBER, 2023

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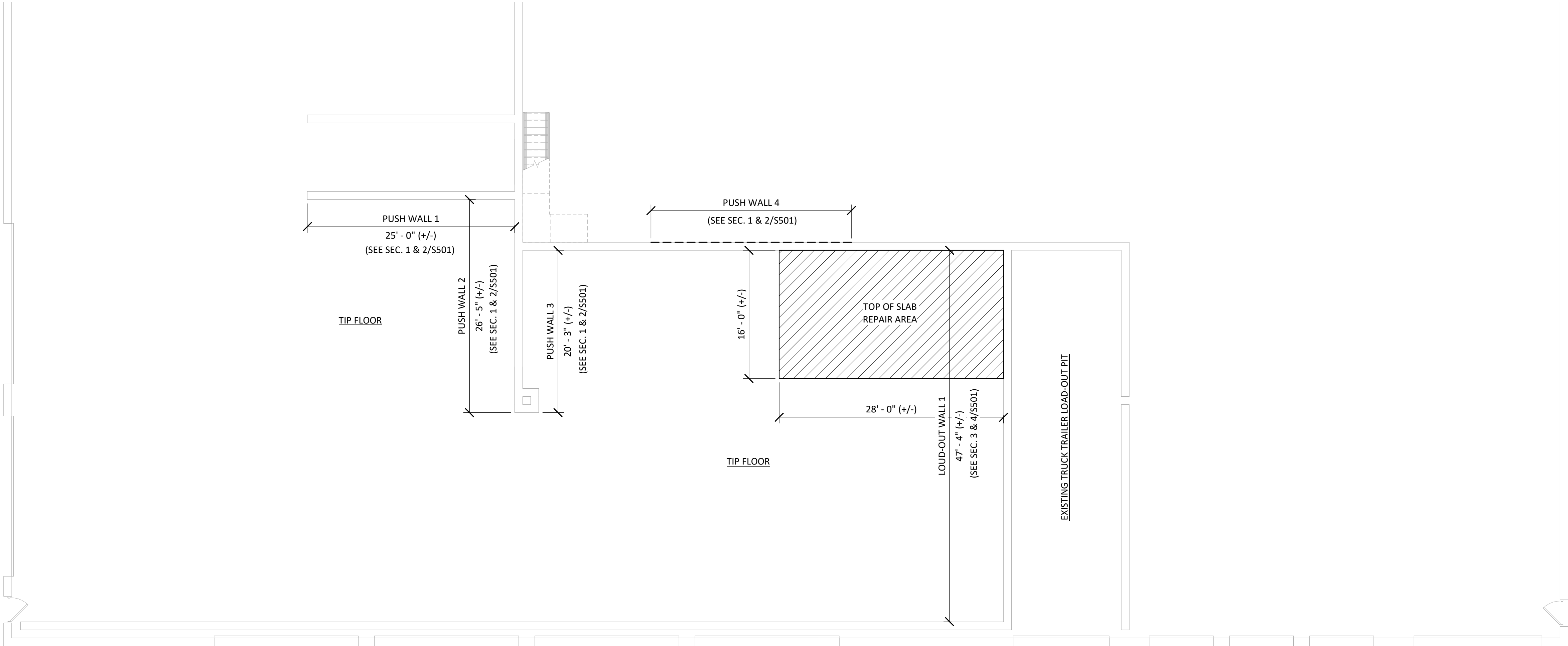
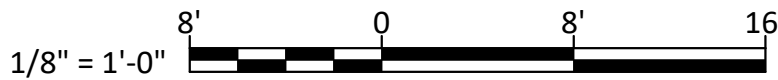
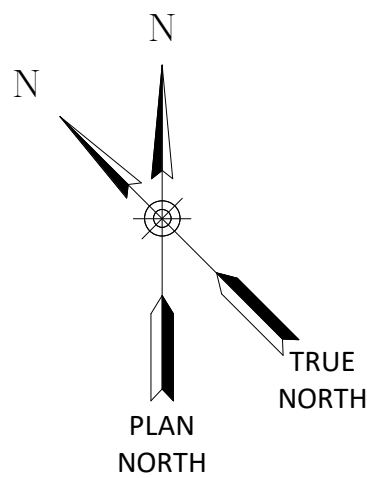
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Checked by DPM Drawn by KIN Designed by DPM In Charge of MCF



PLAN NOTES:

1. PUSH WALL CONCRETE REPAIRS SHALL ATTAIN THE SPECIFIED REPAIR CONCRETE STRENGTH PRIOR TO PLACING PUSH WALL BACK INTO SERVICE.
2. BOTH PUSH WALLS 2 AND 3 SHALL BE REPAIRED PRIOR TO PLACING EITHER WALL BACK INTO SERVICE.
3. FLOOR SLAB CONCRETE REPAIRS SHALL ATTAIN THE SPECIFIED REPAIR CONCRETE STRENGTH PRIOR TO PLACING THE SLAB BACK INTO SERVICE.
4. PUSH WALL 4 AT TIP FLOOR SIDE SHALL NOT BE IN SERVICE ONCE PUSH WALL 4 REPAIRS BEGIN, AND WALL SHALL REMAIN OUT OF SERVICE UNTIL PUSH WALL 4 REPAIRS ARE COMPLETE.
5. AT FLOOR SLAB REPAIR, SAW CUT PERIMETER OF REPAIR AREA 1" DEEP (MIN.), REMOVE REMAINING UNSOUND CONCRETE WITHIN REPAIR LIMITS TO 4 INCH DEPTH (BASED ON TOP OF SLAB ELEVATION LOW POINT AT REPAIR PERIMETER. UNSOUND CONCRETE SHALL BE THOROUGHLY REMOVED FROM REPAIR AREA. AT A MINIMUM, SURFACES TO BE REPAIRED SHALL BE PREPARED BY AN APPROVED METHOD OF HIGH PRESSURE WATER BLAST, BLAST CLEANING OR MECHANICAL MEANS, AND SHALL BE FREE OF DUST, DEBRIS, GREASE, OIL AND/OR OTHER CONTAMINANTS INHIBITING REPAIR MATERIAL BOND. PREPARED SURFACE SHALL HAVE A FRACTURED AGGREGATE SURFACE WITH A MINIMUM SURFACE PROFILE OF  $\pm 1/8"$ . STEEL SURFACES SHALL HAVE ALL RUST, MILL SCALE, AND OTHER FOREIGN SUBSTANCES REMOVED BY APPROVED MECHANICAL MEANS AND THEN HIGH PRESSURE WASHED WITH CLEAN WATER.
6. FLOOR SLAB SHALL BE REPAIRED USING NYSDOT HES CONCRETE REPAIR ( $F'c=5,000$  PSI) WITH NO AIR ADDITIVE. TOP OF FINISHED SLAB ELEVATION SHALL BE BROUGHT BACK TO A UNIFORM ELEVATION MATCHING THE TOP OF SLAB ELEVATION AT LIMITS OF REPAIR AREA WITH A POWERED STEEL TROWELED FINISH. REPAIR SHALL INCLUDE USE OF STEEL FIBER MESH SPECIFIED.
7. AT WALLS AND FLOOR SLAB REPAIRS, APPLY AN APPROVED CONCRETE BONDING AGENT TO ALL EXISTING SURFACES TO RECEIVE CONCRETE REPAIR MATERIAL.
8. PUSH WALLS SHALL BE TEMPORARILY SHORED PRIOR TO START OF WALL DEMOLITION AND REMAIN IN PLACE UNTIL REPAIRS ARE COMPLETE AND REPAIR CONCRETE HAS ATTAINED THE SPECIFIED DESIGN STRENGTH  $F'c$ . PRIOR TO START OF DEMOLITION, THE CONTRACTOR SHALL SUBMIT A "TEMPORARY SHORING PROTECTION PLAN" (TSPP) TO THE ENGINEER OF RECORD (EOR) FOR REVIEW AND APPROVAL THROUGH THE CONSTRUCTION SHOP DRAWING REVIEW PROCESS. THE TSPP SHALL PROVIDE PROTECTION OF EXISTING CONSTRUCTION AND CONSTRUCTION WORK CREWS. THE TSPP SHALL INCLUDE AT A MINIMUM THE TSPP DESIGN CALCULATIONS, DETAILS OF CONSTRUCTION, MATERIALS OF CONSTRUCTION, SEQUENCING AND PHASING AS DETERMINED BY THE CONTRACTOR'S TSPP DESIGN ENGINEER AND COORDINATED/APPROVED BY THE OWNER. THE TSPP SHALL BE COMPILED INTO ONE DOCUMENT STAMPED BY PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN NEW YORK STATE.

EXISTING RECYCLING FACILITY CONC. WALL & SLAB REPAIR PLAN

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

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REVISIONS


TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 1 - GENERAL CONSTRUCTION  
EXISTING RECYCLING FACILITY  
CONC. WALL & SLAB REPAIR PLAN  
TOMPKINS COUNTY, NEW YORK

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
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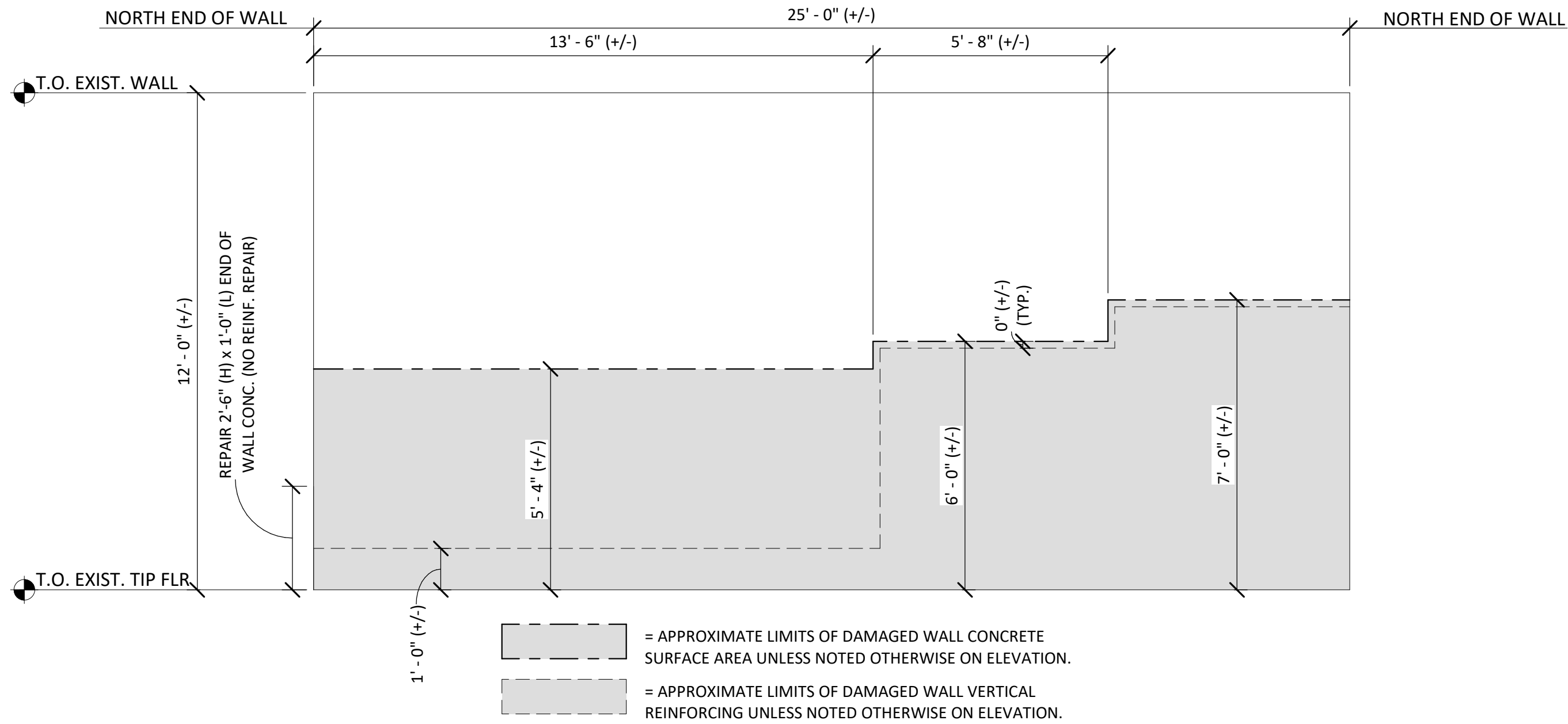
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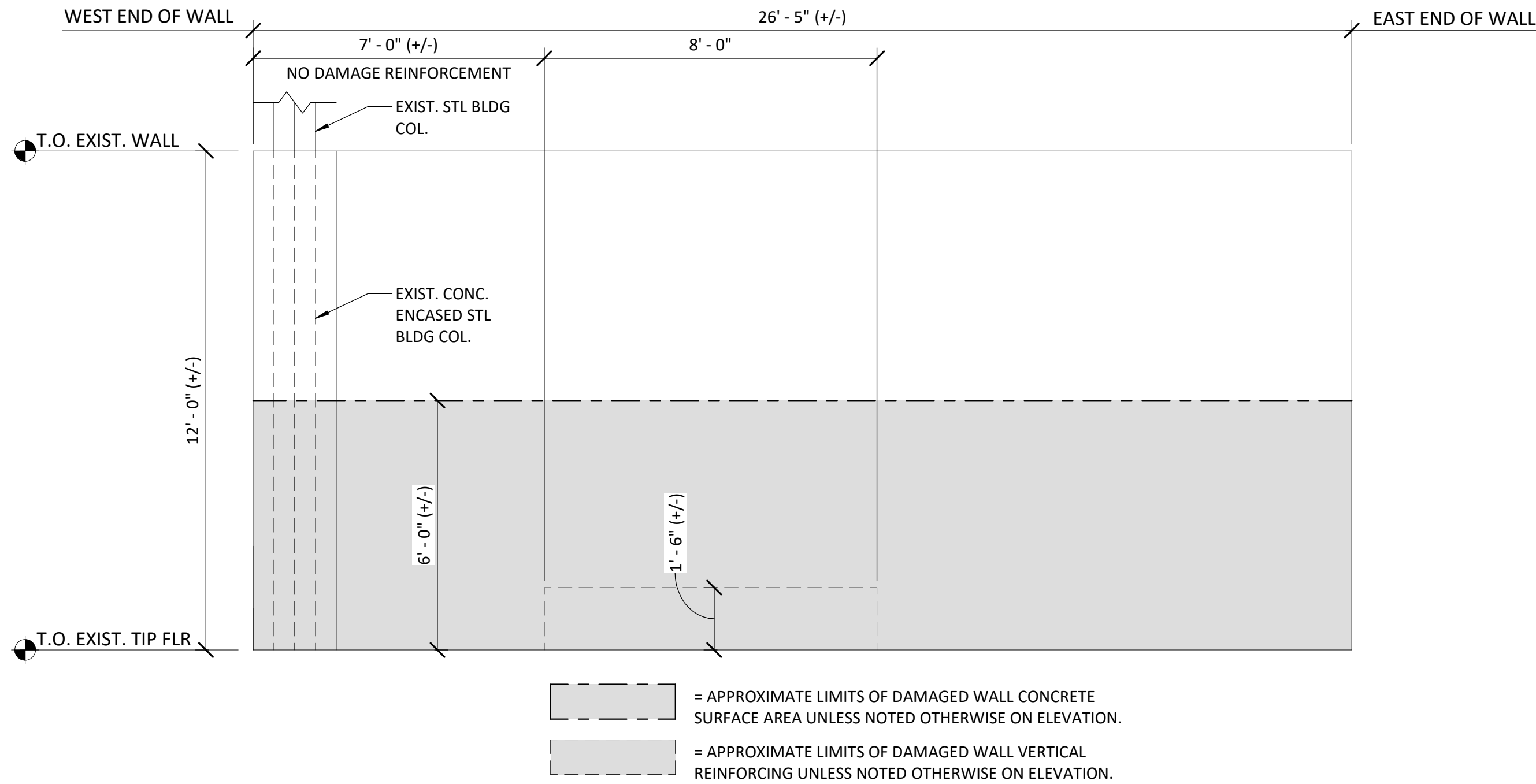
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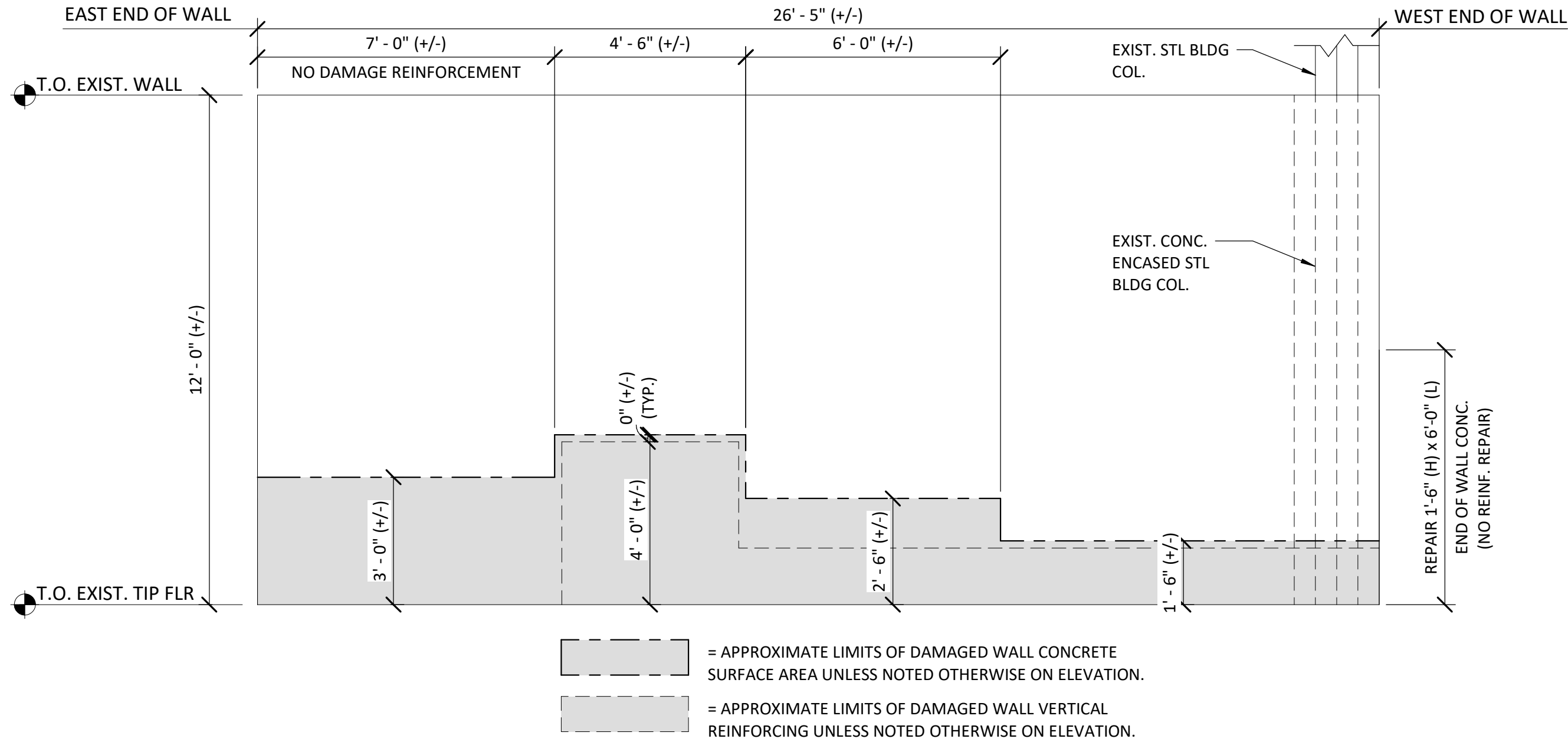
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1 EXISTING CONDITION WEST ELEVATION (PUSH WALL 1)  
S201 SCALE: 3/8" = 1'-0"



3 EXISTING CONDITION SOUTH ELEVATION (PUSH WALL 3)  
S201 SCALE: 3/8" = 1'-0"



2 EXISTING CONDITION NORTH ELEVATION (PUSH WALL 2)  
S201 SCALE: 3/8" = 1'-0"

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TOMPKINS COUNTY RECYCLING CENTER  
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CITY OF ITHACA

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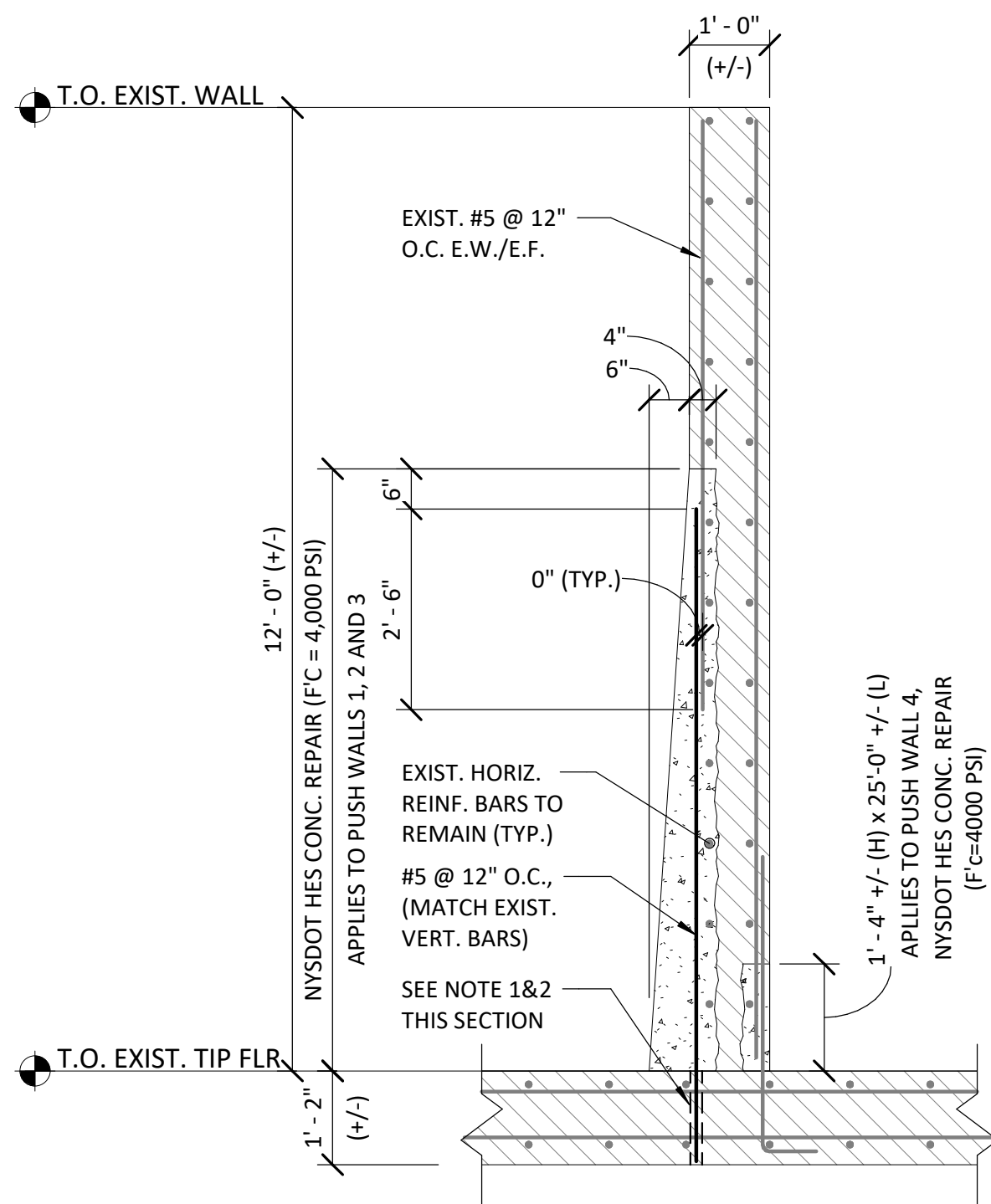
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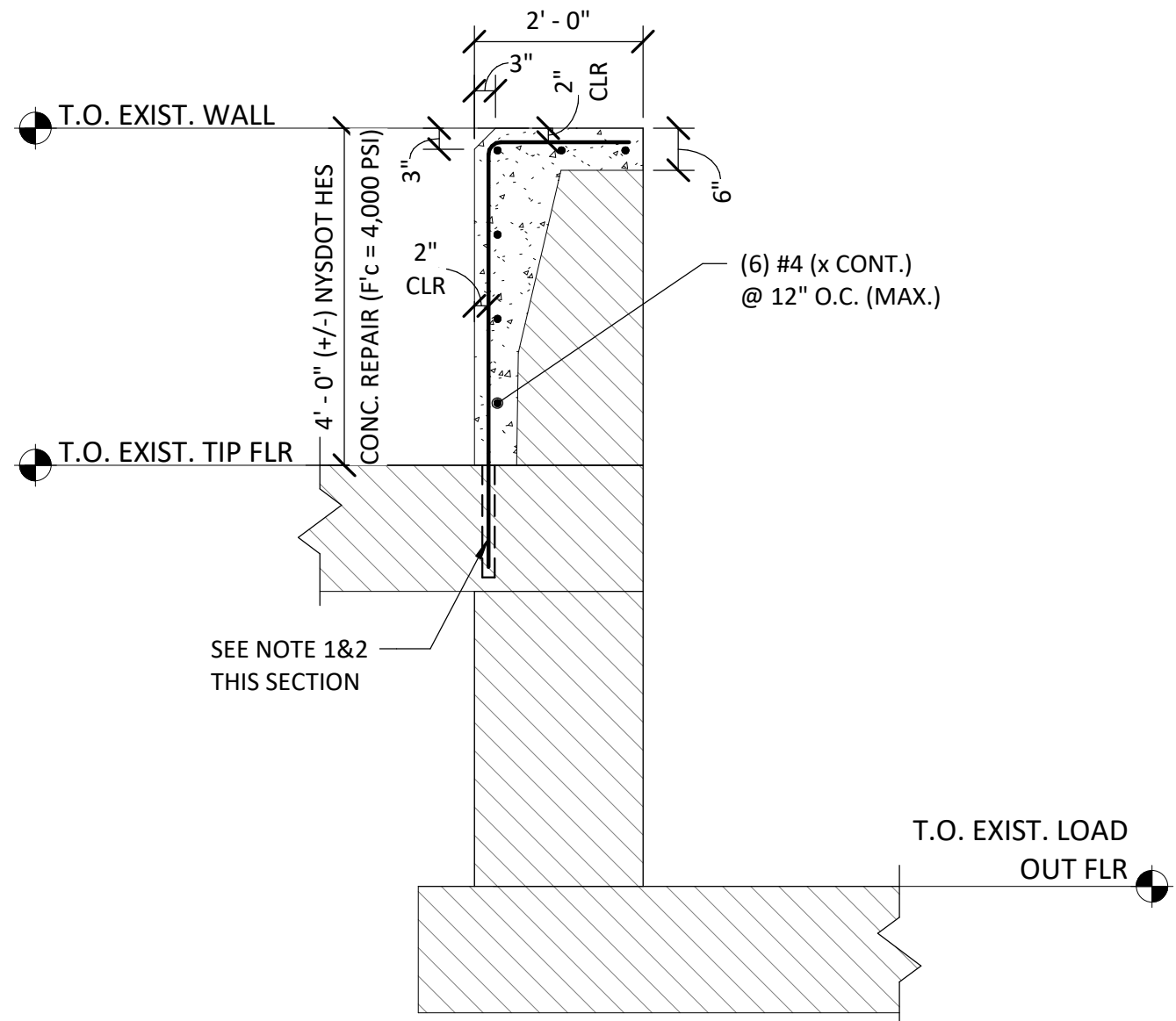


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S501 SCALE: 1/2" = 1'-0'




S501 SCALE: 1/2" = 1'-0"

S501 SCALE: 1/2" = 1'-0"

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REVISIONS	
	



- GENERAL NOTES:**
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS INTENDED THAT ALL COMPONENTS AND MATERIALS REQUIRED TO MAKE THE SYSTEMS COMPLETE, TESTED AND OPERATIONAL BE INSTALLED.
  - CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS BEFORE DEMOLITION AND CONSTRUCTION.
  - ALL MATERIALS, EQUIPMENT, METHODS OF INSTALLATION, REMOVALS AND DISPOSAL SHALL BE IN ACCORDANCE WITH THE STANDARDS, REGULATIONS, CODES, ORDINANCES, AND LAWS OF AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
  - COMPLETELY COORDINATE WORK OF THIS CONTRACT WITH WORK OF OTHER CONTRACTORS AND OWNERS WORK.
  - PROTECT ALL EXISTING BUILDING ELEMENTS AND SITE ELEMENTS TO REMAIN FROM ANY DAMAGE. CONTRACTOR SHALL RESTORE ALL EXISTING CONDITIONS AFFECTED BY DEMOLITION AND CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
  - WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, RECTILINEAR APPEARANCE WHEN COMPLETED. MAINTAIN MAXIMUM HEAD ROOM AT ALL TIMES.
  - MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES.
  - ALL EQUIPMENT PIPING, WIRING AND INSULATION ETC. INSTALLED IN HVAC AIR PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
  - DO NOT SUPPORT EQUIPMENT FROM SUSPENDED CEILINGS. ALL SUPPORT SHALL COME FROM BUILDING STRUCTURE. SUPPORTS SHALL BE SELECTED AND INSTALLED TO PROVIDE A VIBRATION FREE INSTALLATION.
  - DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE LATEST ISSUES OF SMACNA STANDARDS.
  - PROVIDE PROPER ACCESS TO MATERIALS AND EQUIPMENT THAT REQUIRE INSPECTION, REPLACEMENT, REPAIR OR SERVICE SUCH AS COILS, DAMPERS, HEATERS, VALVES, ETC. IF PROPER ACCESS CANNOT BE PROVIDED, CONFER WITH THE ENGINEER AS TO THE BEST METHOD OF APPROACH TO MINIMIZE THE EFFECT OF THE REDUCED ACCESS WHICH MAY RESULT.
  - RELOCATE EXISTING DUCTING, PIPING, CONDUIT AND OTHER INTERFERENCES TO INSTALL NEW EQUIPMENT AND MATERIALS. OFFSETS IN PIPING AND DUCTS, DIVIDED DUCTS AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO OWNER.
  - THOROUGHLY CLEAN ALL NEW DUCTWORK AFTER INSTALLATION.
  - NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL DRAWINGS IN THE CONTRACT.
  - ALL WORK SHOWN IS TO BE COMPLETED BY THIS CONTRACT UNLESS SPECIFICALLY INDICATED OTHERWISE.
  - FIRE STOP ALL NEW AND EXISTING SLEEVES THROUGH CONCRETE FLOORS AND FIRE RATED WALLS OR PARTITIONS WITH UL RATED ASSEMBLIES WITH EQUAL FIRE RATING.
  - CONTRACTOR IS RESPONSIBLE FOR ALL OWNER COORDINATION AND PROCEDURES RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND RESTARTING SYSTEMS, INCLUDING THOSE REQUIRED FOR RELOCATIONS, TO ALLOW FOR COMPLETION OF ALL DEMOLITION AND NEW WORK. INTERRUPTIONS TO EXISTING SERVICES AND SYSTEMS SHALL BE AS SHORT AS POSSIBLE AND AT A TIME AND DURATION APPROVED BY THE OWNER. INCLUDE ALL PREMIUM TIME ASSOCIATED WITH INTERRUPTIONS. ALL SYSTEM INTERRUPTIONS SHALL BE SCHEDULED WITH OWNER AND COORDINATED WITH OTHER CONTRACTORS. CONTRACTOR SHALL FURNISH ALL FLUIDS REQUIRED, INCLUDING GLYCOL FOR FILLING NEW SYSTEMS AND REFILLING EXISTING SYSTEMS.

- ABBREVIATIONS:**
- ∠ - ANGLE
  - AAD - AUTOMATIC AIR DAMPER
  - ACT - ACOUSTICAL CEILING TILE
  - ALUM - ALUMINUM
  - BLDG - BUILDING
  - BSMT - BASEMENT
  - BOT - BOTTOM
  - BUR - BUILT UP ROOF
  - CB - CATCH BASIN
  - C/C - CENTER TO CENTER
  - CCTV - CLOSED CIRCUIT TELEVISION
  - CFM - CUBIC FEET PER MINUTE
  - CJ - CONTROL JOINT
  - CL - CENTER LINE
  - CLG - CEILING
  - CLR - CLEAR
  - CMU - CONCRETE MASONRY UNITS
  - COL - COLUMN
  - CONC - CONCRETE
  - CONST - CONSTRUCTION
  - CONT - CONTINUOUS
  - CPP - CORRUGATED POLYETHYLENE PIPE
  - CPT - CARPET
  - CT - CERAMIC TILE
  - DEMO - DEMOLISH, DEMOLITION
  - DN - DOWN
  - DS - DOWNSPOUT
  - DTL - DETAIL
  - DWG - DRAWING
  - E.F. - EACH FACE
  - E.W. - EACH WAY
  - EA - EACH
  - EC - ELECTRICAL CONTRACTOR
  - ELEC - ELECTRICAL
  - ELEV - ELEVATION
  - EMBED - EMBEDMENT
  - EPS - EXPANDED POLYSTYRENE
  - EQUIP - EQUIPMENT
  - E.S.P - EXTERNAL STATIC PRESSURE
  - EW - EACH WAY
  - EXP - EXPOSED
  - EXP ANCHOR - EXPANSION ANCHOR
  - EXT - EXTERIOR
  - EX, EXIST - EXISTING
  - FIN FLR - FINISHED FLOOR
  - FLA - FULL LOAD AMPS
  - FND - FOUNDATION
  - FPM - FEET PER MINUTE
  - FTG - FOOTING
  - GA - GAUGE
  - GALV - GALVANIZED
  - GC - GENERAL CONTRACTOR
  - HBD - HARDBOARD
  - HC - HANDICAP

- ABBREVIATIONS (CONT.):**
- HM - HOLLOW METAL
  - HP - HORSE POWER
  - HZ - HERTZ
  - INSUL - INSULATION
  - IGU - INSULATED GLASS UNIT
  - INV - INVERT
  - JT - JOINT
  - LAM - LAMINATE
  - MANUF - MANUFACTURER
  - MAS - MASONRY
  - MAX - MAXIMUM
  - MC - MECHANICAL CONTRACTOR
  - MIN - MINIMUM
  - MR - MOISTURE RESISTANT
  - MTL - METAL
  - MO - MASONRY OPENING
  - NAT - NATURAL
  - NIC - NOT IN CONTRACT
  - NTS - NOT TO SCALE
  - O/C - ON CENTER
  - OD - OUTSIDE DIAMETER
  - PL - PLATE
  - PERF - PERFORATED
  - PLAS - PLASTIC
  - PLYWD - PLYWOOD
  - PNT - PAINT
  - PT - PRESSURE TREATED
  - PPT - PRESSURE PRESERVATIVE TREATED
  - PVMT - PAVEMENT
  - QT - QUARRY TILE
  - R - RISER
  - RD - ROOF DRAIN
  - RAD - RADIUS
  - REQ'D - REQUIRED
  - RO - ROUGH OPENING
  - SC - SOLID CORE
  - SAN - SANITARY
  - SHT - SHEET
  - SIM - SIMILAR
  - SQ - SQUARE
  - SS - STAINLESS STEEL
  - STL - STEEL
  - SUS - SUSPENDED
  - SV - SHEET VINYL
  - T - TREAD
  - T/- TOP OF
  - T&B - TOP AND BOTTOM
  - TEMP - TEMPERED
  - TYP - TYPICAL
  - VCT - VINYL COMPOSITION TILE
  - VIF - VERIFY IN FIELD
  - W.G - WATER GAUGE

- LEGEND**
- SLOPE DN IN DIRECTION OF ARROW
  - BREAK
  - PIPING/EQUIPMENT TO BE REMOVED
  - LIMIT OF REMOVAL
  - CONNECTION POINT TO EXISTING
  - TEE RISE
  - TEE DROP
  - PIPE RISE
  - PIPE DROP
  - DIRECTION OF FLOW
  - CAP
  - UNION
  - CONCENTRIC REDUCER
  - FLANGED CONNECTION
  - FLEXIBLE CONNECTION
  - BUTTERFLY VALVE
  - PRESSURE GAUGE
  - THERMOMETER
  - MANUAL AIR VENT
  - AUTOMATIC AIR VENT
  - STRAINER
  - SWING CHECK VALVE
  - BALL VALVE
  - GATE VALVE
  - GLOBE VALVE
  - TRIPLE DUTY VALVE
  - BALANCE VALVE
  - BALL VALVE W/ HOSE CONNECTION, CAP AND CHAIN
  - PRESSURE REDUCING VALVE
  - SAFETY RELIEF VALVE
  - TEMPERATURE SENSOR
  - PUMP
  - CONTROL VALVE, 3-WAY, MODULATING

- LEGEND (CONT.):**
- VOLUME DAMPER
  - FIRE DAMPER AND RATING
  - SUPPLY DUCT SECTION UP
  - SUPPLY DUCT SECTION DOWN
  - RET/EXH DUT SECTION UP
  - RET/EXH DUT SECTION DOWN
  - 45° BRANCH DUCT CONNECTION
  - NEW SUPPLY DIFFUSER, REGISTER OR GRILLE (WITH CFM)
  - NEW RETURN/EXHAUST REGISTER OR GRILLE (WITH CFM)
  - THERMOSTAT (ARROW INDICATES DEVICE)
  - HWS— HOT WATER SUPPLY PIPING
  - HWR— HOT WATER RETURN PIPING
  - HPS— HEAT PUMP SUPPLY PIPING
  - HPR— HEAT PUMP RETURN PIPING
  - CWS— CHILLED WATER SUPPLY PIPING
  - CWR— CHILLED WATER RETURN PIPING

ROOFTOP UNIT SCHEDULE																	
ITEM	AREA SERVED	SUPPLY AIR (CFM)	MIN. OUTSIDE AIR (CFM)	EXTERNAL STATIC (IN W.C.)	FAN DRIVE	FAN MOTOR HP	TOTAL COOLING CAP. (MBH)	SENSIBLE COOLING CAP. (MBH)	COOLING EAT (*F db/wb)	COOLING LAT (*F db/wb)	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	AIR TEMP RISE (*F db)	VOLTS	PHASE	MCA (AMPS)	DESIGN EQUIPMENT
RTU-1	ADMIN BUILDING	2875	1000	1.25	DIRECT	3.0	99.76	60.66	72.8/64.7	55.15/53.62	200	162	30.55	460	3	28	TRANE YHU102

- NOTES:
- PROVIDE SMOKE DETECTOR AND CO<sub>2</sub> SENSOR IN RETURN DUCT MAIN, WITH ASSOCIATED WIRING AND CONTROLS.
  - PROVIDE ECONOMIZER FOR 100% OUTSIDE AIR MODE WITH DIFFERENTIAL ENTHALPY CONTROL AND TRANSMITTER, AND POWER EXHAUST.
  - PROVIDE WITH R410A TYPE REFRIGERANT, CRANKCASE HEATER AND LOW AMBIENT CONTROL.
  - PROVIDE MANUFACTURER SUPPLIED 24" ROOF CURB ADAPTER.

DIFFUSER AND GRILLE SCHEDULE							
TYPE	DESCRIPTION	MAX NC	BLOW PATTERN	FACE SIZE (IN)	NECK SIZE (IN)	AIR FLOW (CFM)	BASIS OF DESIGN
SD-1	SUPPLY DIFFUSER	15	4-WAY	24 x 24	8 Ø	0-250	TITUS TMS
EG-1	EXHAUST GRILLE	-	-	12 x 12	8x6	25	TITUS 350R

- REMARKS:
- BALANCE ALL DUCT BRANCHES TO CFM VALUE SHOWN.
  - REFER TO PLANS FOR QUANTITIES, AIR FLOW. ALL BRANCH DUCT CONNECTING DIFFUSER TO MAIN SHALL BE THE SAME SIZE AS THE DIFFUSER NECK.
  - VERIFY MOUNTING FRAME. REFER TO REFLECTED CEILING PLAN FOR LOCATIONS AND CEILING TYPE. COORDINATE WITH OTHER CEILING MOUNTED EQUIPMENT.
  - PROVIDE WITH OPPOSED BLADE DAMPER, ADJUSTABLE WITHOUT DISASSEMBLY.

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REVISIONS


TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 2 - MECHANICAL  
**SYMBOLS AND ABBREVIATIONS**  
TOMPKINS COUNTY, NEW YORK  
CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
0018246

**B&L**



NYS EXP.: 05-31-24

Date  
OCTOBER 2023

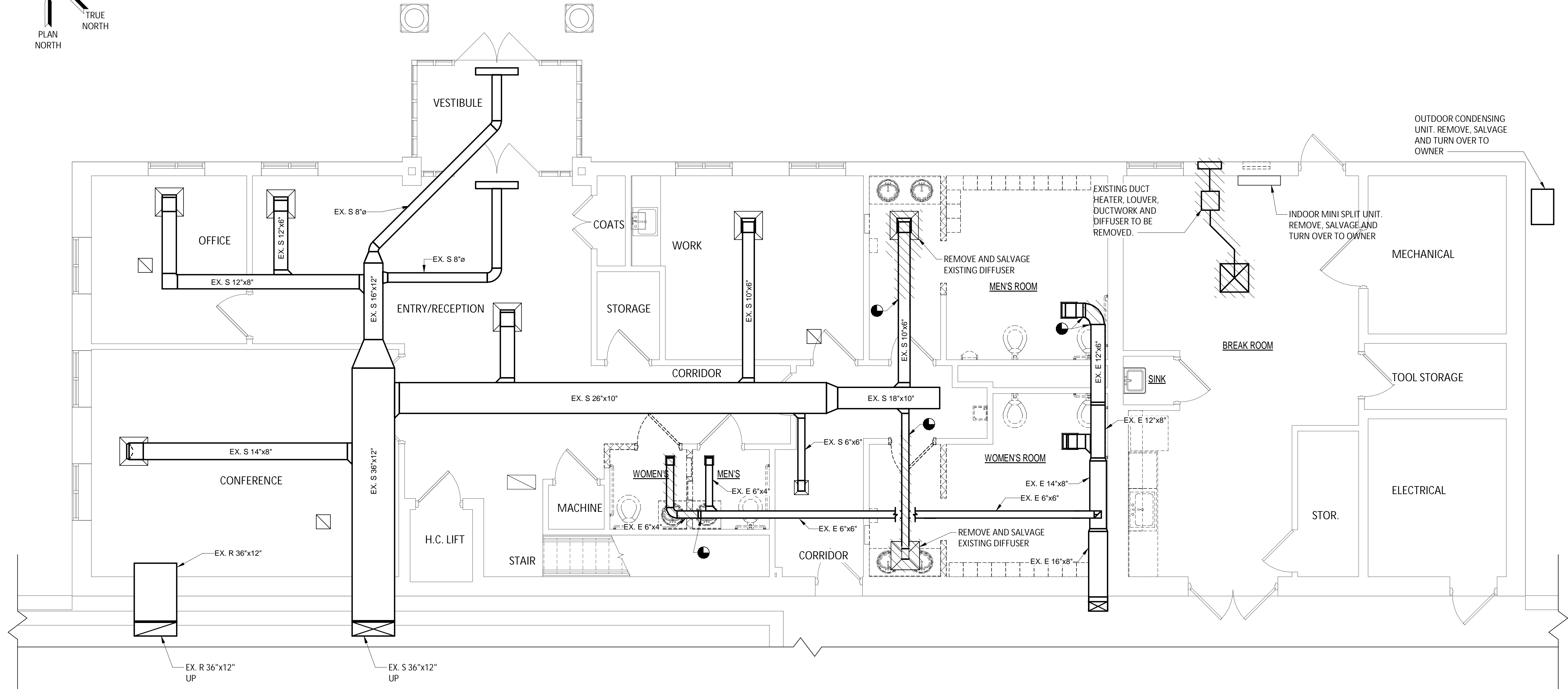
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Project Number  
560.016.019



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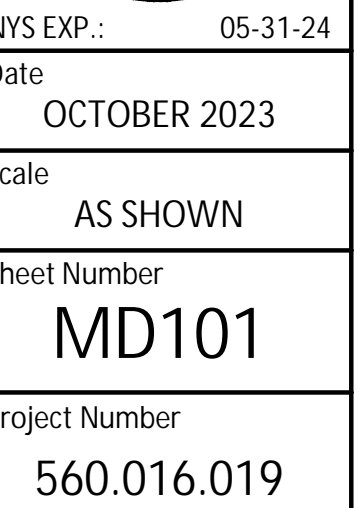
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SCALE: 1/4" = 1'-0"

1/4" = 1'-0"

REVISIONS	

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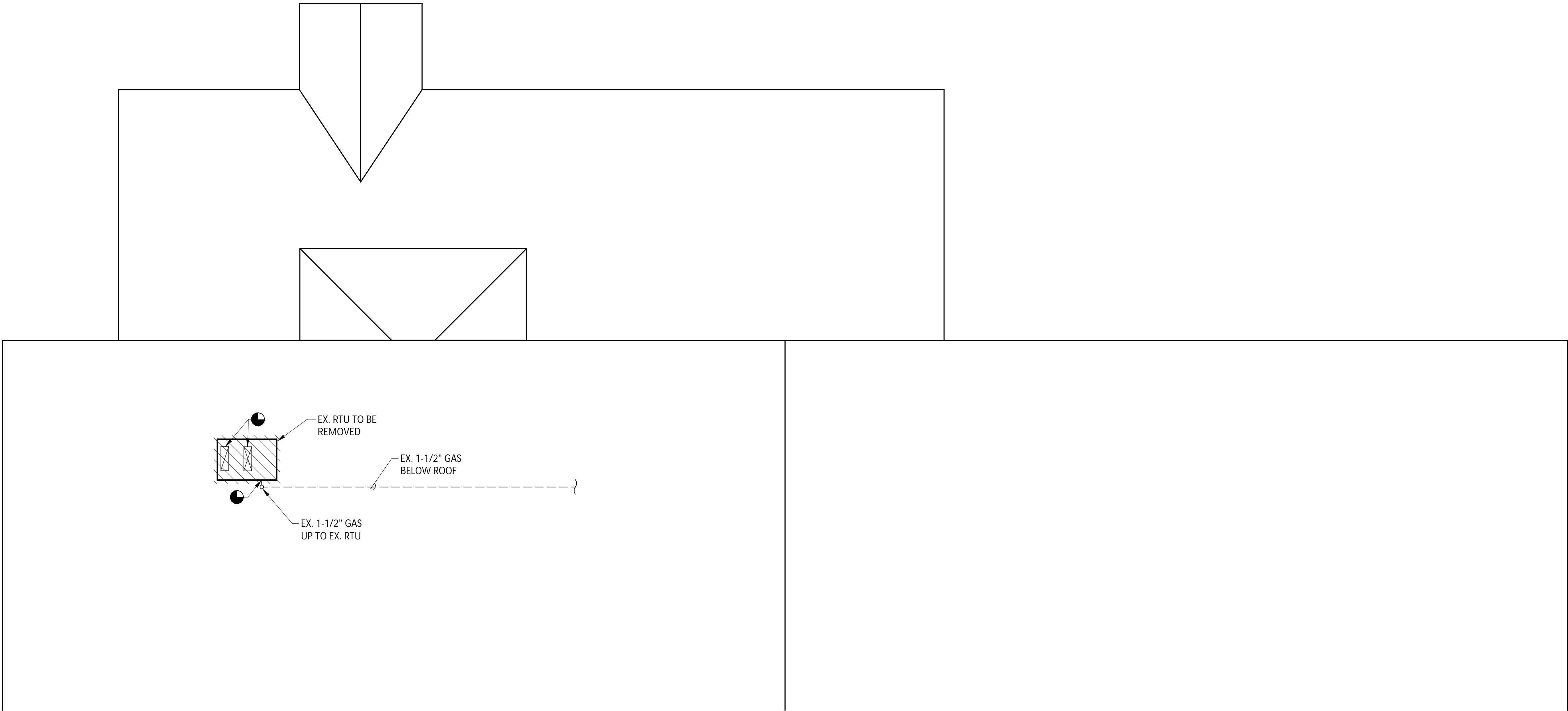
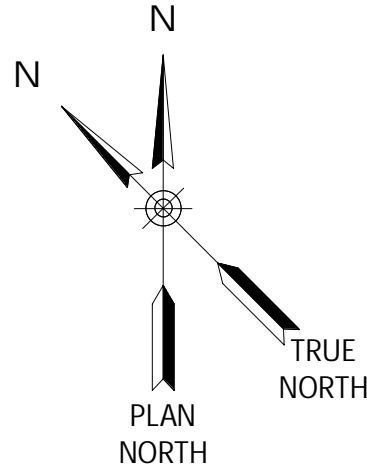




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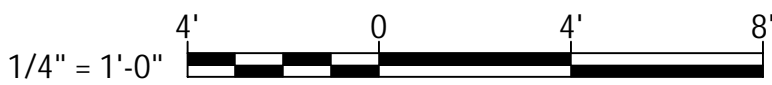
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ROOF MECHANICAL DEMOLITION PARTIAL PLAN

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



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TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 2 - MECHANICAL

CITY OF ITHACA

TOMPKINS COUNTY, NEW YORK

ROOF MECHANICAL DEMOLITION PARTIAL PLAN

**B&L**  
**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE # 0018246



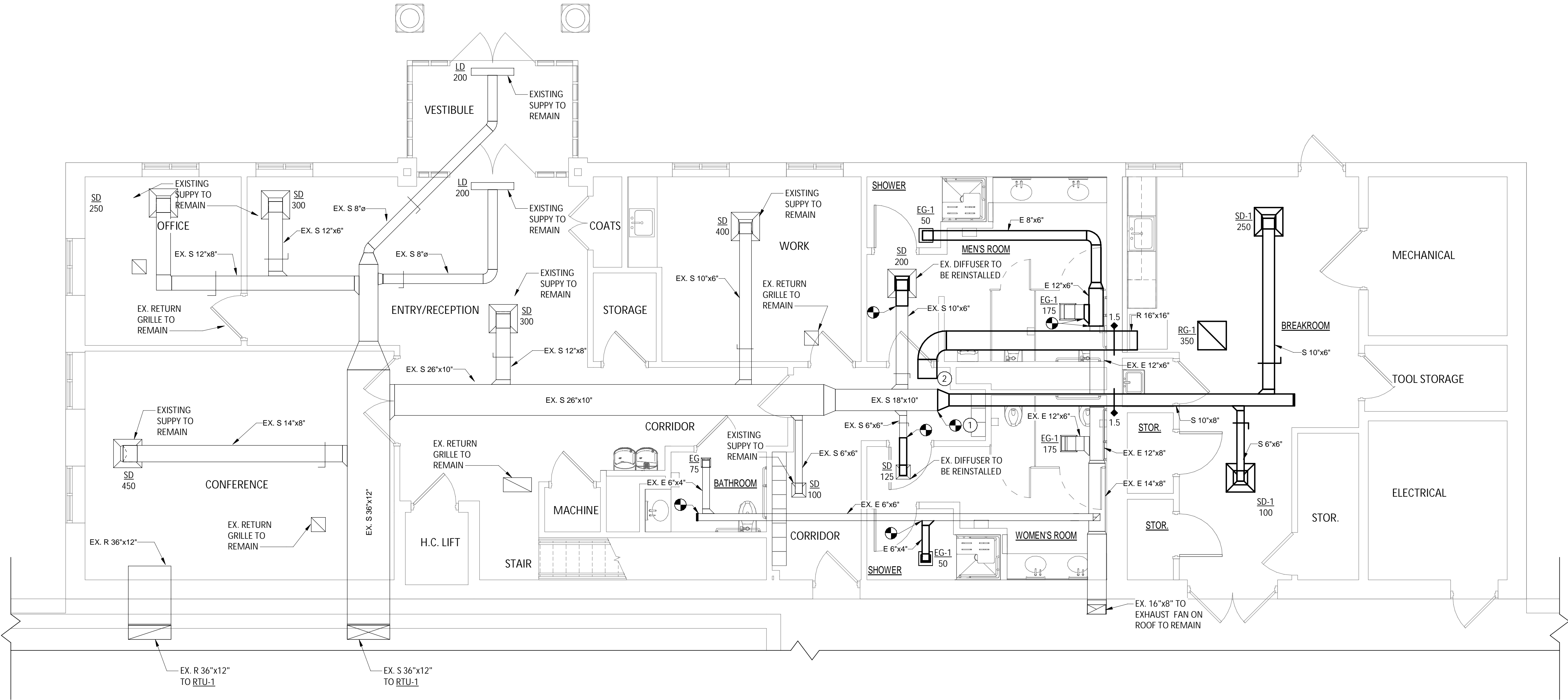
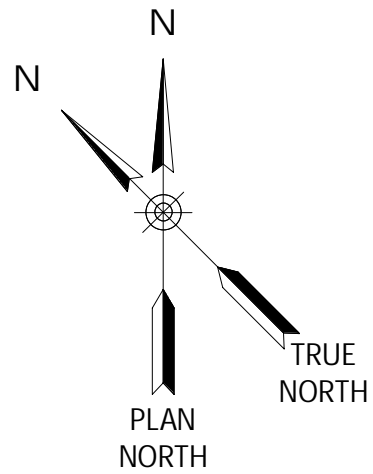
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Project Number	560.016.019



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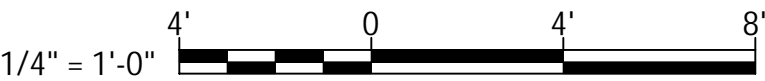
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ADMINISTRATION AREA MECHANICAL MODIFICATION PLAN

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



GENERAL NOTES:

1. CONTRACTOR TO CLEAN ALL EXSITING DUCTWORK PRIOR TO INSTALLAION OF ALL NEW DUCTWORK. SEE SPEC SECTION 23 31 13 FOR ADDITIONAL INFORMATION.

KEYED NOTES:

- ① CONNECT NEW SUPPLY DUCT TO EXISTING 18"x10" SUPPLY DUCT WORK ABOVE CEILING .
- ② TERMINATE 10"x8" RETURN DUCT ABOVE CEILING OPEN ENDED.

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TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 2 - MECHANICAL

FIRST FLOOR MECHANICAL MODIFICATION PLAN

TOMPKINS COUNTY, NEW YORK

CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
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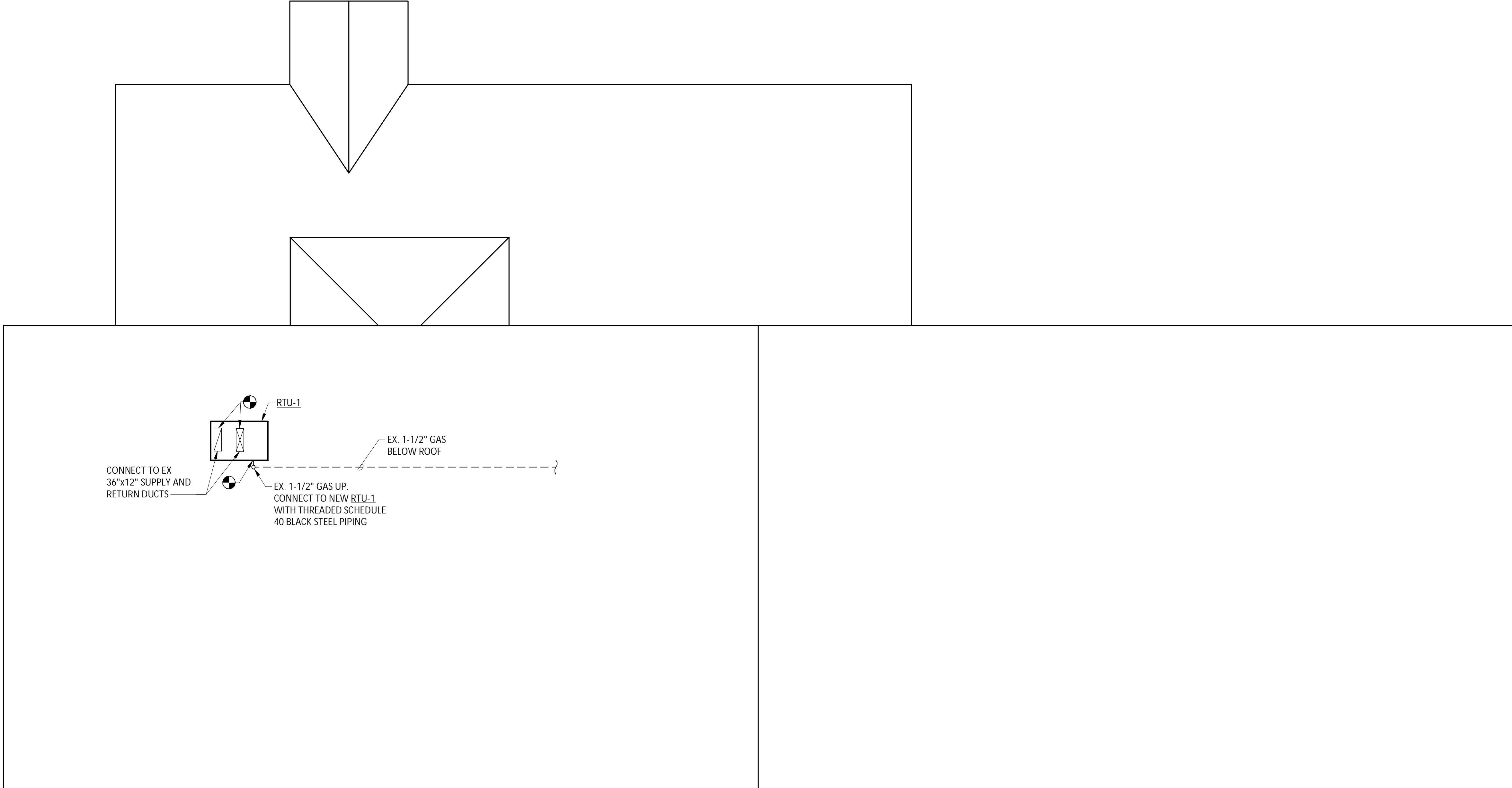
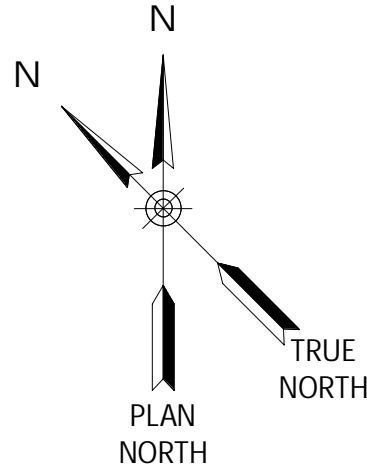
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## ROOF MECHANICAL MODIFICATION PARTIAL PLAN

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1/4" = 1'-0"



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TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 2 - MECHANICAL  
**ROOF MECHANICAL MODIFICATION PARTIAL PLAN**  
CITY OF ITHACA  
TOMPKINS COUNTY, NEW YORK

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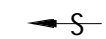
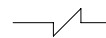
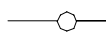
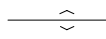
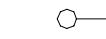


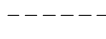


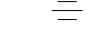
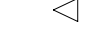



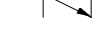

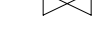


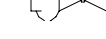

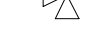


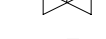
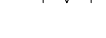
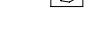



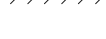


Project Number  
560.016.019



GENERAL NOTES:

- NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL PLUMBING DRAWINGS
- ALL WORK SHOWN IS TO BE COMPLETED BY PLUMBING CONTRACT UNLESS SPECIFICALLY INDICATED OTHERWISE.
- ADDRESS QUESTIONS REGARDING DRAWINGS TO ENGINEER IN WRITING BEFORE COMMENCING WITH WORK. OTHERWISE, ENGINEER'S INTERPRETATION OF MEANING AND INTENT OF DRAWINGS SHALL BE FINAL.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS INTENDED THAT ALL COMPONENTS AND MATERIALS REQUIRED TO MAKE THE SYSTEMS COMPLETE, TESTED AND OPERATIONAL BE INSTALLED.
- CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS BEFORE FABRICATION AND CONSTRUCTION.
- ALL MATERIALS, EQUIPMENT AND METHODS OF INSTALLATION SHALL BE IN ACCORDANCE WITH THE STANDARDS, REGULATIONS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
- COMPLETELY COORDINATE WORK OF THIS CONTRACT WITH THE OPERATIONS AND THE WORK OF OTHER CONTRACTORS.
- WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, RECTILINEAR APPEARANCE WHEN COMPLETED. MAINTAIN MAXIMUM HEAD ROOM AT ALL TIMES.
- MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES.
- FIRE STOP ALL NEW AND EXISTING SLEEVES THROUGH CONCRETE FLOORS AND FIRE RATED WALLS OR PARTITIONS WITH UL RATED ASSEMBLIES WITH EQUAL FIRE RATING.
- PROVIDE PROPER ACCESS TO EQUIPMENT THAT REQUIRES INSPECTION, REPLACEMENT OR REPAIR. ACCESS PANELS SHALL BE SIZED TO ALLOW THE REQUIRED ACCESS, BUT IN NO CASE LESS THAN 12"x12" .
- CONTRACTOR IS RESPONSIBLE FOR ALL OWNER COORDINATION AND PROCEDURES RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND STARTING SYSTEMS, ALL SYSTEM INTERRUPTIONS SHALL BE SCHEDULED WITH OWNER AND COORDINATED WITH OTHER CONTRACTORS.

LEGEND

-  S
- SLOPE DN IN DIRECTION OF ARROW
- 
- BREAK
- 
- TEE RISE
- 
- TEE DROP
- 
- PIPE RISE
- 
- PIPE DROP
- 
- PIPE ABOVE SLAB OR GRADE
- 
- PIPE BELOW SLAB OR GRADE
- 
- DIRECTION OF FLOW
- 
- CAP
- 
- UNION
- 
- CONCENTRIC REDUCER
- 
- PRESSURE GAUGE
- 
- THERMOMETER
- 
- STRAINER W/ BLOWDOWN VALVE
- 
- SWING CHECK VALVE
- 
- BALL VALVE
- 
- GATE VALVE
- 
- TRIPLE DUTY VALVE
- 
- BALANCE VALVE
- 
- BALL VALVE W/ HOSE CONNECTION, CAP AND CHAIN
- 
- PRESSURE REDUCING VALVE
- 
- SAFETY RELIEF VALVE
- 
- TEMPERATURE SENSOR
- 
- PUMP
- 
- LPG REGULATOR
- 
- PLUG VALVE
- 
- FLOOR DRAIN
- 
- NON-FREEZE WALL HYDRANT
- 
- CLEANOUT
- 
- DECK PLATE CLEANOUT
- 
- PIPING/EQUIPMENT TO BE REMOVED
- 
- LIMIT OF REMOVAL
- 
- CONNECTION POINT TO EXISTING

ABBREVIATIONS

- ADA

AMERICAN DISABILITIES ACT
- AFF

ABOVE FINISHED FLOOR
- AHU

AIR HANDLING UNIT
- BTU

BRITISH THERMAL UNIT
- CI

CAST IRON
- CO

CLEANOUT
- CONC

CONCRETE
- CW

COLD WATER
- D

DRAIN
- DCW

DOMESTIC COLD WATER
- DHW

DOMESTIC HOT WATER
- DIA

DIAMETER
- DN

DOWN
- DPCO

DECK PLATE CLEANOUT
- DWV

DRAIN, WASTE AND VENT
- EC

ELECTRICAL CONTRACTOR
- ESP

EXTERNAL STATIC PRESSURE
- ET

EXPANSION TANK
- FD

FLOOR DRAIN
- FLR

FLOOR
- FT WC

FEET OF WATER COLUMN
- GA

GAUGE
- GAL

GALLON
- GALV

GALVANIZED
- GC

GENERAL CONTRACTOR
- GP

GALLONS PER FLUSH
- GPH

GALLONS PER HOUR
- GPM

GALLONS PER MINUTE
- HW

HOT WATER
- HWR

HOT WATER RECIRCULATED
- IN WC

INCHES OF WATER COLUMN
- INV

INVERT
- LAV

LAVATORY
- MAX

MAXIMUM
- MBH

1,000 BTU/HR
- MC

MECHANICAL CONTRACTOR
- MIN

MINIMUM
- RL

ROOF LEADER
- SAN

SANITARY
- SCH

SCHEDULE
- SS

STAINLESS STEEL
- T&B

TOP & BOTTOM
- TYP

TYPICAL
- V

VENT
- VTR

VENT THRU ROOF
- WC

WATER CLOSET
- WH

WALL HYDRANT
- WPCO

WALL PLATE CLEANOUT

PLUMBING FIXTURE CONNECTION SCHEDULE					
FIXTURE NO.	FIXTURE TYPE	HW	CW	SAN	VENT
P-1	WATER CLOSET (FLOOR, ADA)	-	1/2"	4"	1-1/2"
P-2	URINAL (WALL, ADA)	-	3/4"	1 1/2"	1-1/2"
P-3	LAVATORY (FAUCET ONLY)	1/2"	1/2"	1 1/4"	1-1/4"
P-4	KITCHEN SINK	1/2"	1/2"	1 1/2"	1-1/4"
P-5	DRINKING FOUNTAIN	-	1/2"	1 1/2"	1-1/4"
P-6	SHOWER	1/2"	1/2"	1 1/2"	1-1/4"

- ADA - HANDICAP ACCESSABLE (ADA) FIXTURE
- FLOOR - FLOOR MOUNT
- WALL - WALL MOUNT (PROVIDE CARRIER BY JOSAM, OR EQUAL)

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING

SYMBOLS AND ABBREVIATIONS

CITY OF ITHACA

TOMPKINS COUNTY, NEW YORK



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**Barton & Loguidice**  
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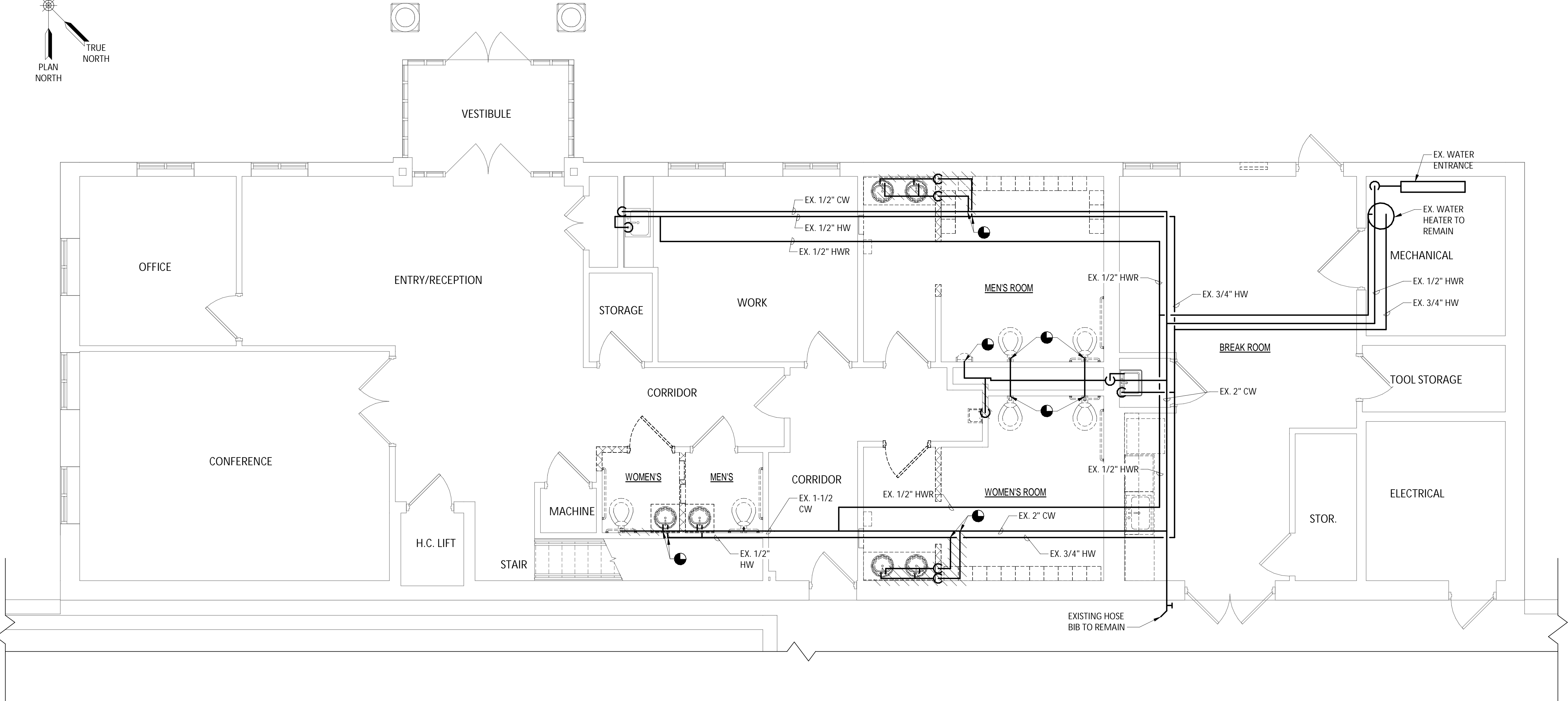
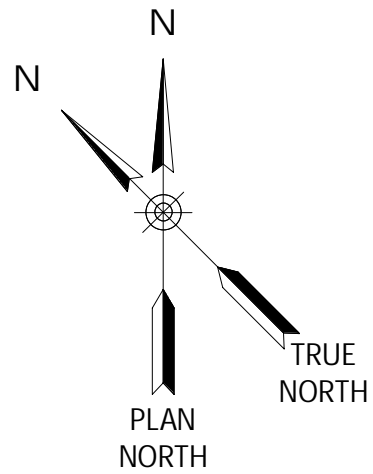
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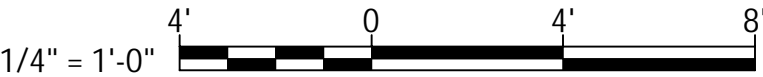
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ADMINISTRATION AREA PLUMBING DEMOLITION PLAN

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TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING

CITY OF ITHACA

TOMPKINS COUNTY, NEW YORK

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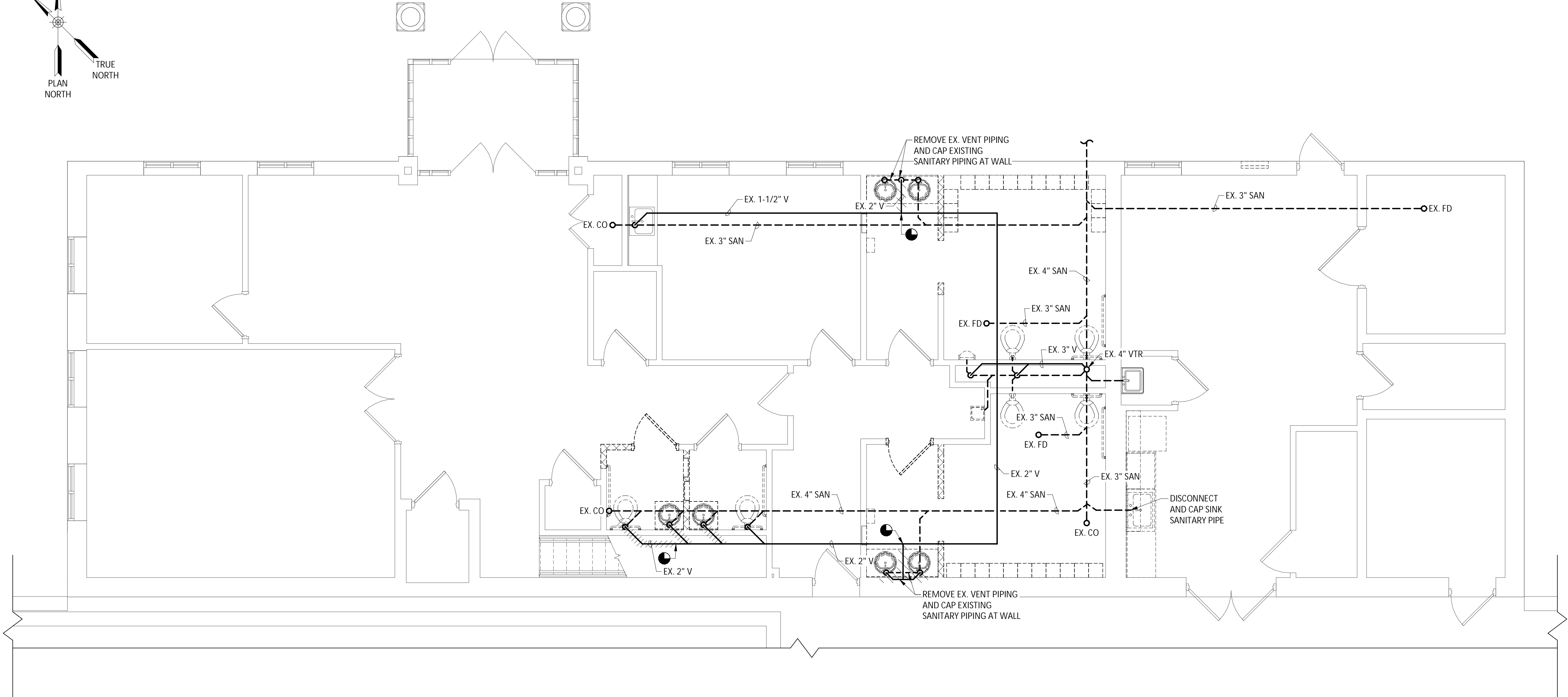
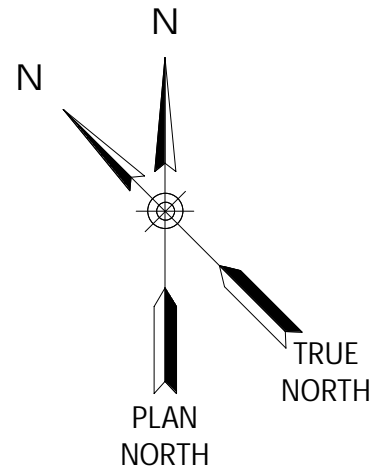
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560.016.019



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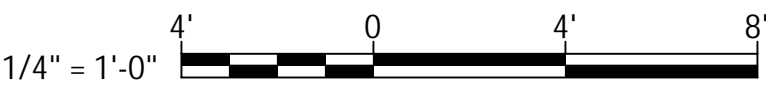
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ADMINISTRATION AREA SANITARY DEMOLITION PLAN

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



IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 §7209 SPECIAL PROVISIONS, FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING  
**FIRST FLOOR SANITARY DEMOLITION PLAN**  
CITY OF ITHACA  
TOMPKINS COUNTY, NEW YORK

**B****&L**

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE #  
0018246



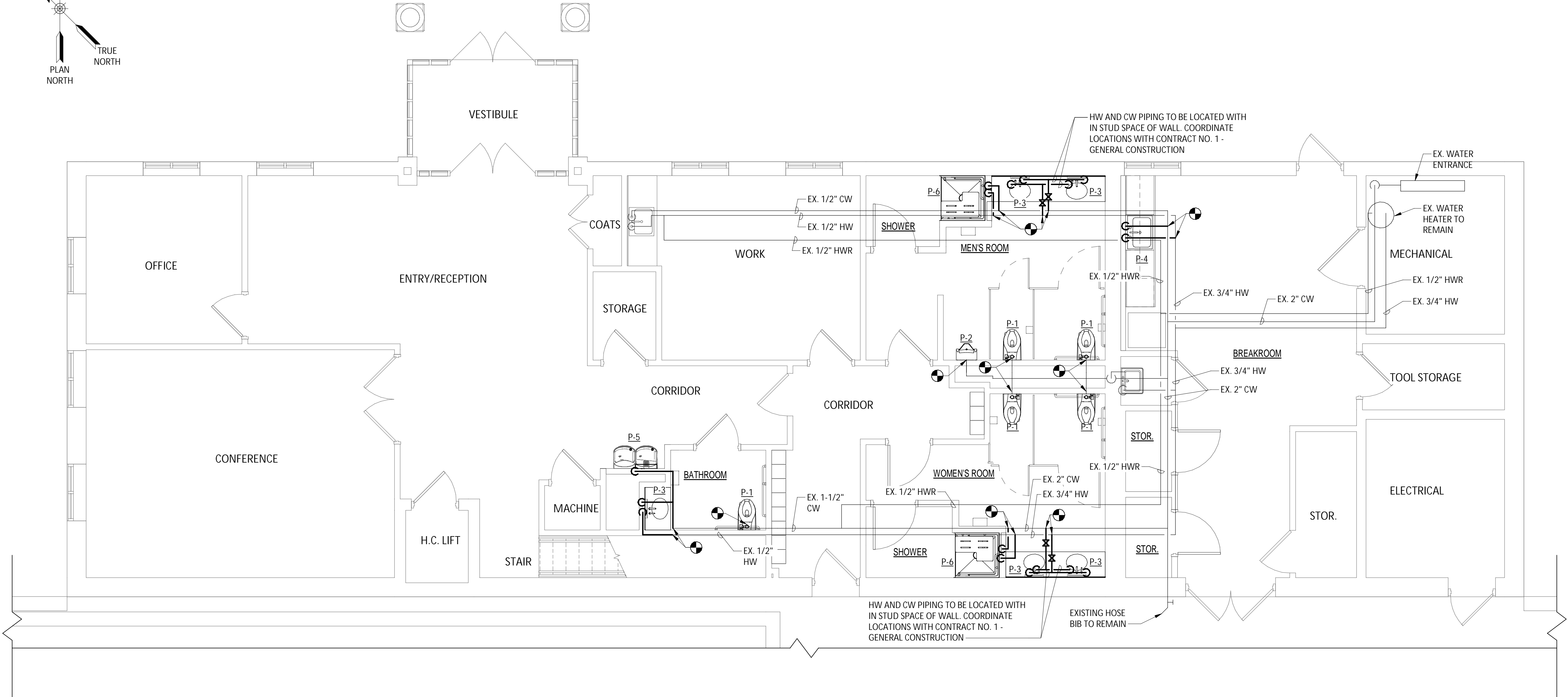
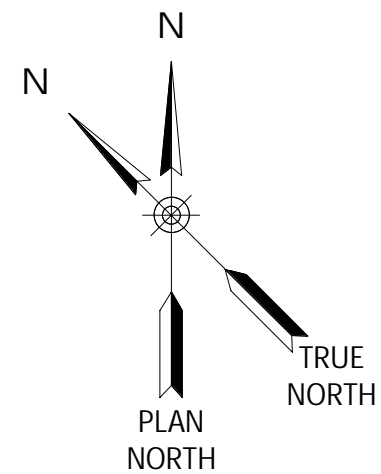
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Project Number	560.016.019



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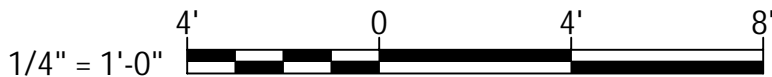
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ADMINISTRATION AREA PLUMBING PLAN

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



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REVISIONS	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING  
**FIRST FLOOR PLUMBING PLAN**  
TOMPKINS COUNTY, NEW YORK  
CITY OF ITHACA

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

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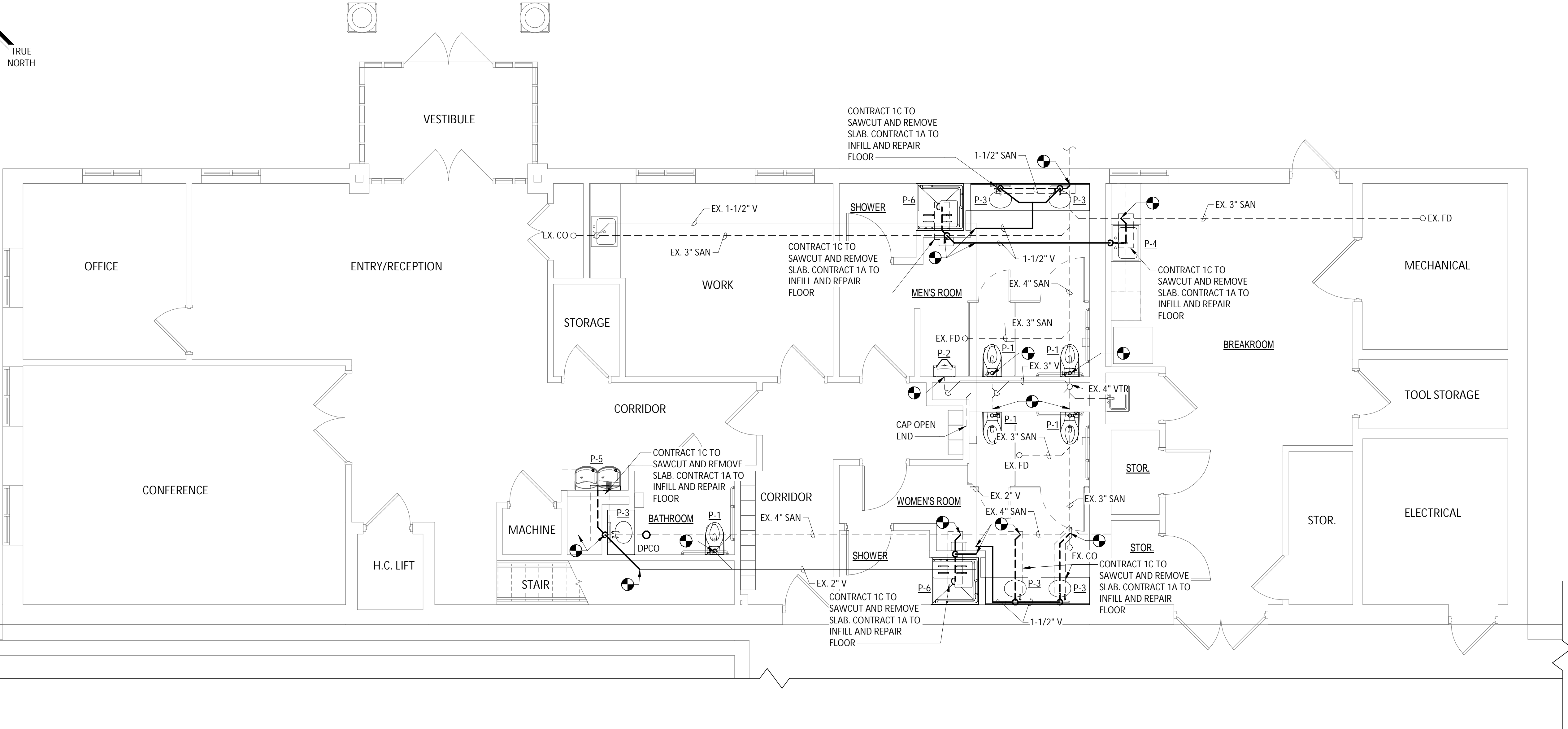
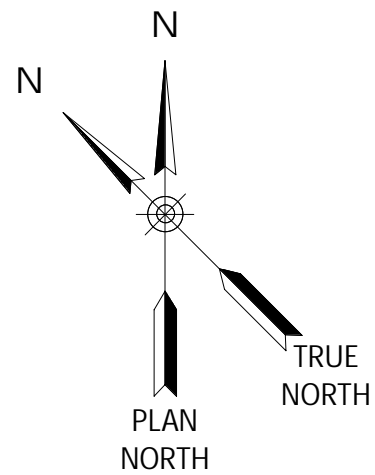
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ADMINISTRATION AREA SANITARY PLAN

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REVISIONS

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING

FIRST FLOOR SANITARY PLAN

CITY OF ITHACA

TOMPKINS COUNTY, NEW YORK

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088

NYS CERTIFICATE #  
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Date  
OCTOBER 2023

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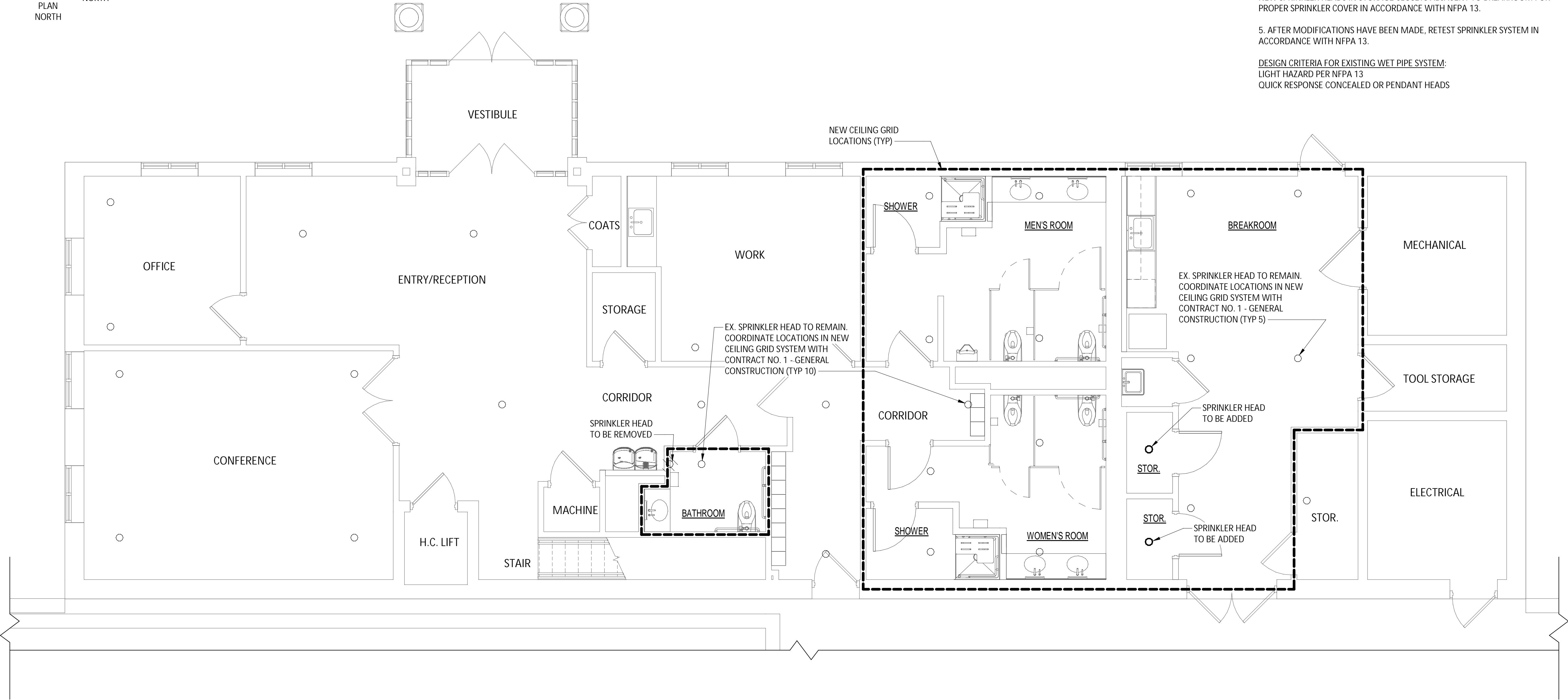
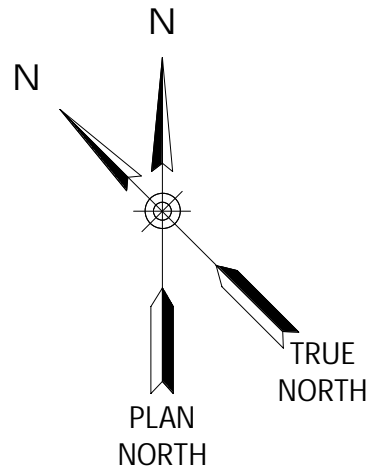
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GENERAL NOTES:

- EXISTING FIRE PROTECTION SYSTEM TO REMAIN.
  - EXISTING SPRINKLER HEADS ARE SHOWN ON FLOOR PLAN.
  - MODIFY EXISTING SPRINKLER HEADS INTO NEW CEILING GRID AS REQUIRED TO PROVIDE SPRINKLER COVERAGE OF MEN'S ROOM, SHOWER ROOMS, WOMEN'S ROOM, CORRIDOR, AND BREAKROOM IN ACCORDANCE WITH NFPA 13. COORDINATE WITH NEW REFLECTED CEILING PLANS ON SHEET A-102 AND CONTRACT NO. 1-GENERAL CONSTRUCTION.
  - MODIFY EXISTING SPRINKLER HEAD LOCATION IN BATHROOM. PROVIDE TWO NEW SPRINKLER HEADS IN STORAGE CLOSETS ADJACENT TO BREAKROOM FOR PROPER SPRINKLER COVER IN ACCORDANCE WITH NFPA 13.
  - AFTER MODIFICATIONS HAVE BEEN MADE, RETEST SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13.
- DESIGN CRITERIA FOR EXISTING WET PIPE SYSTEM:  
LIGHT HAZARD PER NFPA 13  
QUICK RESPONSE CONCEALED OR PENDANT HEADS

ADMINISTRATION AREA FIRE PROTECTION PLAN

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



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REVISIONS	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 3 - PLUMBING

CITY OF ITHACA

TOMPKINS COUNTY, NEW YORK

FIRST FLOOR FIRE PROTECTION PLAN

**B****&L**

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088  
NYS CERTIFICATE # 0018246

NYS EXP.: 05-31-24  
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1. THE DRAWING DOES NOT SHOW ALL ELECTRICAL EQUIPMENT TO BE REMOVED. EQUIPMENT NOT SHOWN INCLUDES, BUT IS NOT LIMITED TO, RECEPTACLES, CONDUIT, AND ASSOCIATED EQUIPMENT. THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS AND COORDINATE WORK WITH THE GENERAL CONTRACTOR.
2. VERIFY REMOVALS DO NOT IMPACT EQUIPMENT AND DEVICES OTHER THAN THOSE THAT ARE TO BE REMOVED.
3. REMOVE ALL CONDUCTORS, CONDUIT, AND ASSOCIATED EQUIPMENT. REMOVE CONDUCTORS AND CONDUIT BACK TO THE PANELBOARD OR CONTROL PANEL THEY ARE FROM.

① ELECTRICAL DEMOLITION SHALL BE LIMITED TO THESE ROOMS.

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

REVISIONS	
	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 4 - ELECTRICAL

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088



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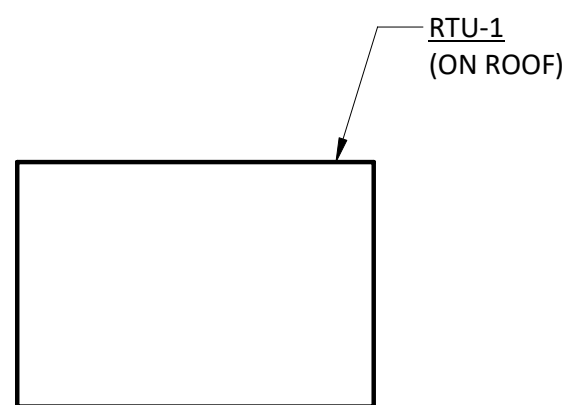
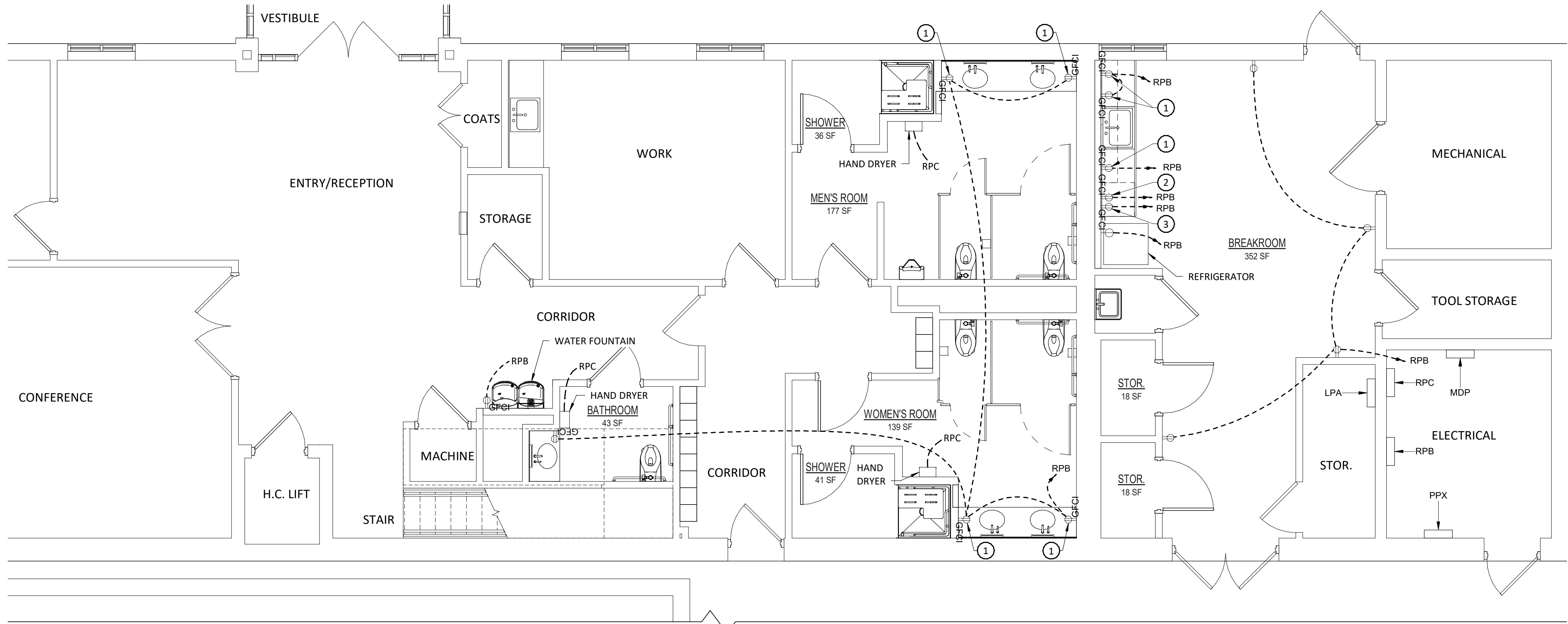
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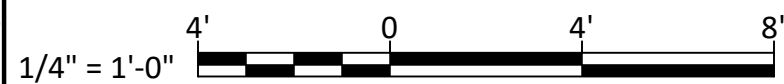






- 1 INSTALL 8" ABOVE THE FINISHED COUNTER SURFACE.
- 2 INSTALL RECEPTACLE 3'-6" AFF.
- 3 INSTALL RECEPTACLE 5'-0" AFF.

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




# FIRST FLOOR ELECTRICAL MODIFICATION PLAN

CITY OF ITHACA

NYS CERTIFICATE #  
0018246



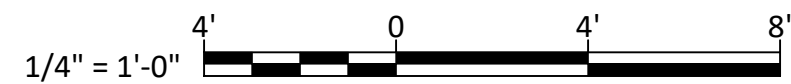
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SCALE: 1/4" = 1'-0"

## REVISIONS


## FIRST FLOOR LIGHTING MODIFICATION PLAN

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OCTOBER, 2023

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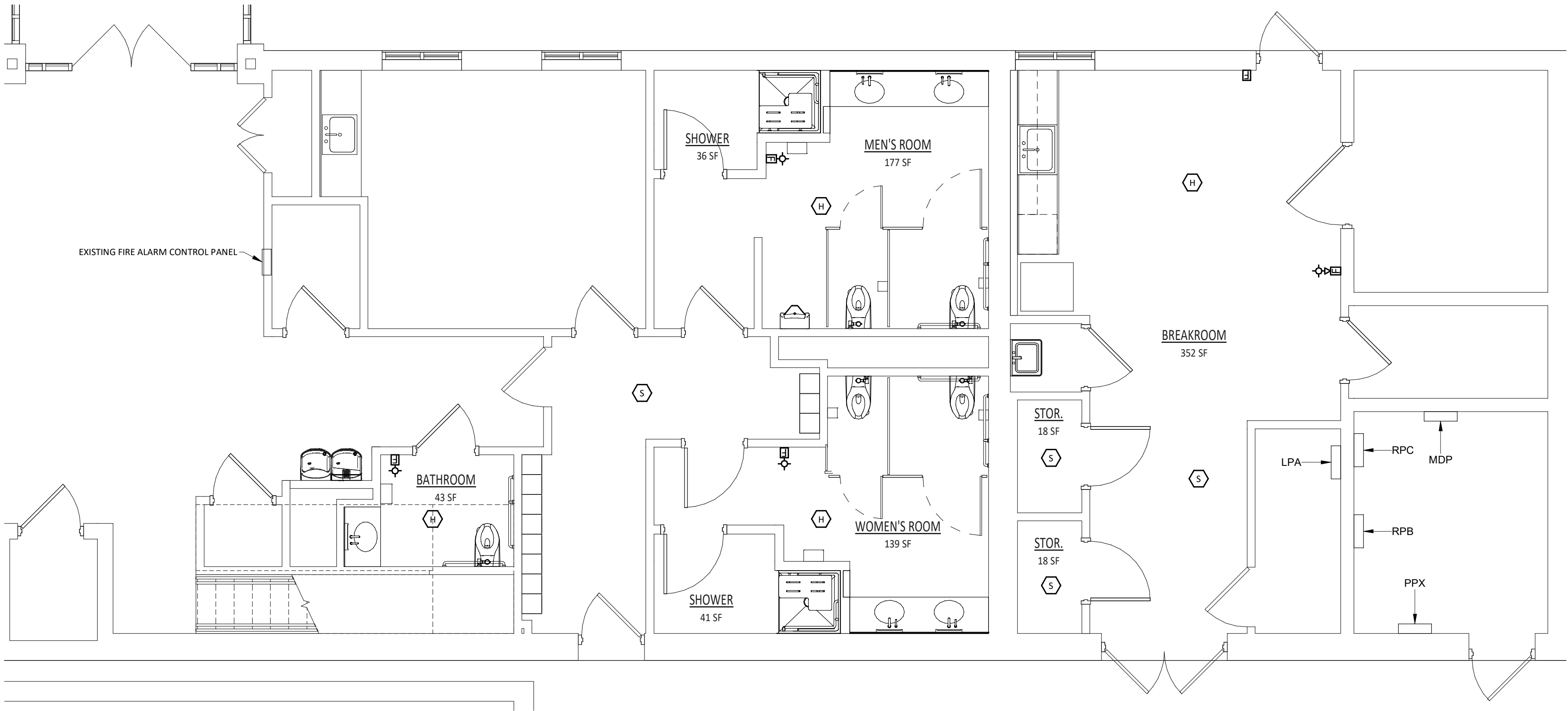
Designed by

SJK

Drawn by-

TWB

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

1/4" = 1'-0"

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## REVISIONS

TOMPKINS COUNTY  
 TOMPKINS COUNTY RECYCLING CENTER  
 CONTRACT NO. 4 - ELECTRICAL  
 DE ITHACA  
 TOMPKINS COUNTY, NEW YORK

**Barton & Loguidice**  
443 Electronics Parkway  
Liverpool, NY 13088



NYS EXP.: 8/31/2025

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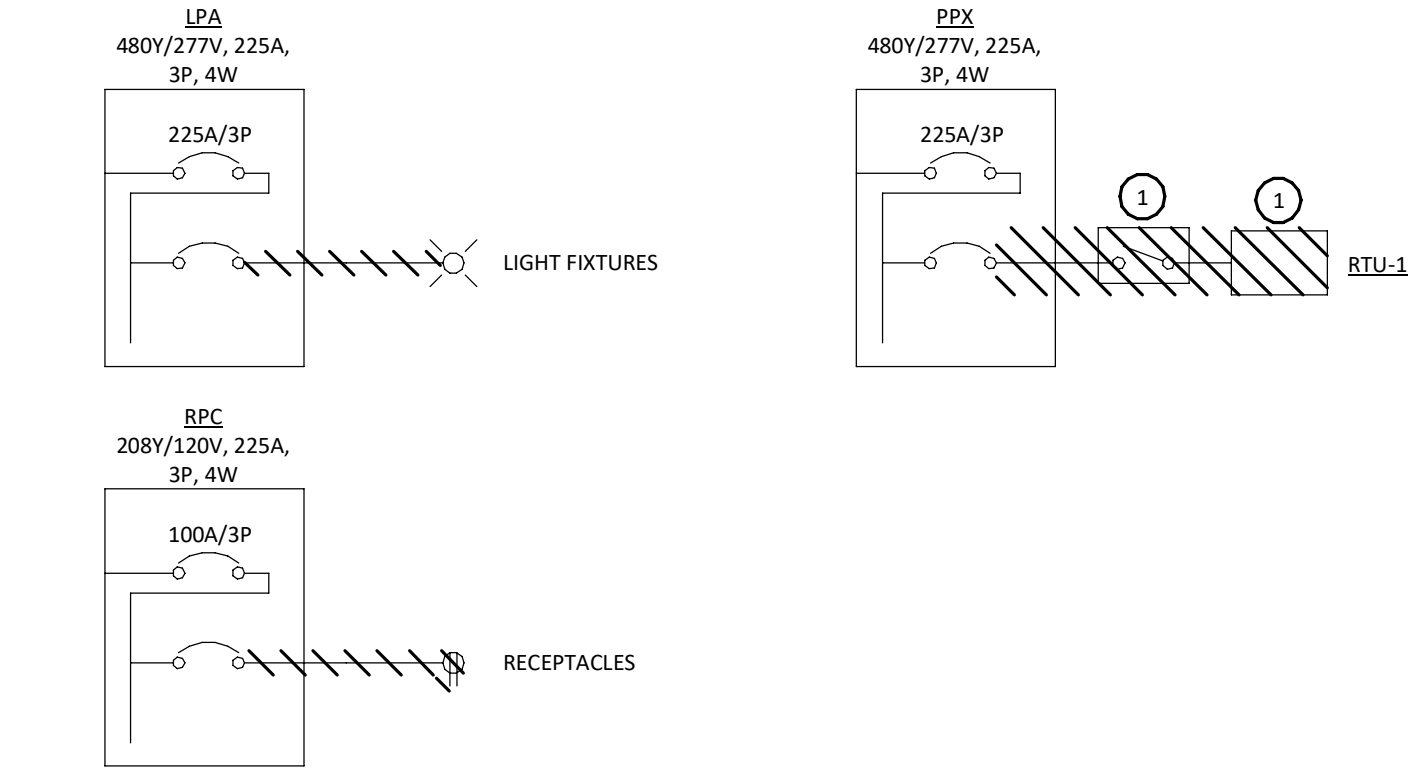
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Project Number  
560.016.019





GENERAL NOTE, ELECTRICAL DEMOLITION ONE-LINE DIAGRAM

1. NOT ALL EQUIPMENT AND CIRCUITS SHOWN ON ONE-LINE DIAGRAM. SEE DEMOLITION FLOOR PLANS AND LIGHTING DEMOLITION PLANS FOR ADDITIONAL CIRCUIT REQUIREMENTS. ONE-LINE DIAGRAM IS TYPICAL.

KEYED NOTE, ELECTRICAL DEMOLITION ONE-LINE DIAGRAM

1. LOCATED ON THE ROOF OF THE BUILDING.

1 ELECTRICAL DEMOLITION ONE-LINE DIAGRAM  
NOT TO SCALE

CIRCUIT SCHEDULE			
DESIGNATION	CONDUCTORS (SETS-QUANTITY #SIZE)	CONDUIT (SETS-DIAMETER)	REMARKS
1	(2)#12, (1)#12G	3/4"	
2	(3)#8, (1)#10G	3/4"	

CONDUIT SCHEDULE			
BUILDING OR AREA	AREA DESCRIPTION	CONDUIT TYPE	REMARKS
ALL AREAS	BUILDING INTERIOR	EMT	

GENERAL NOTE, CONDUIT SCHEDULE

1. MC CABLE IS ALLOWABLE FOR BRANCH CIRCUITING WHERE CIRCUIT IS CONCEALED.

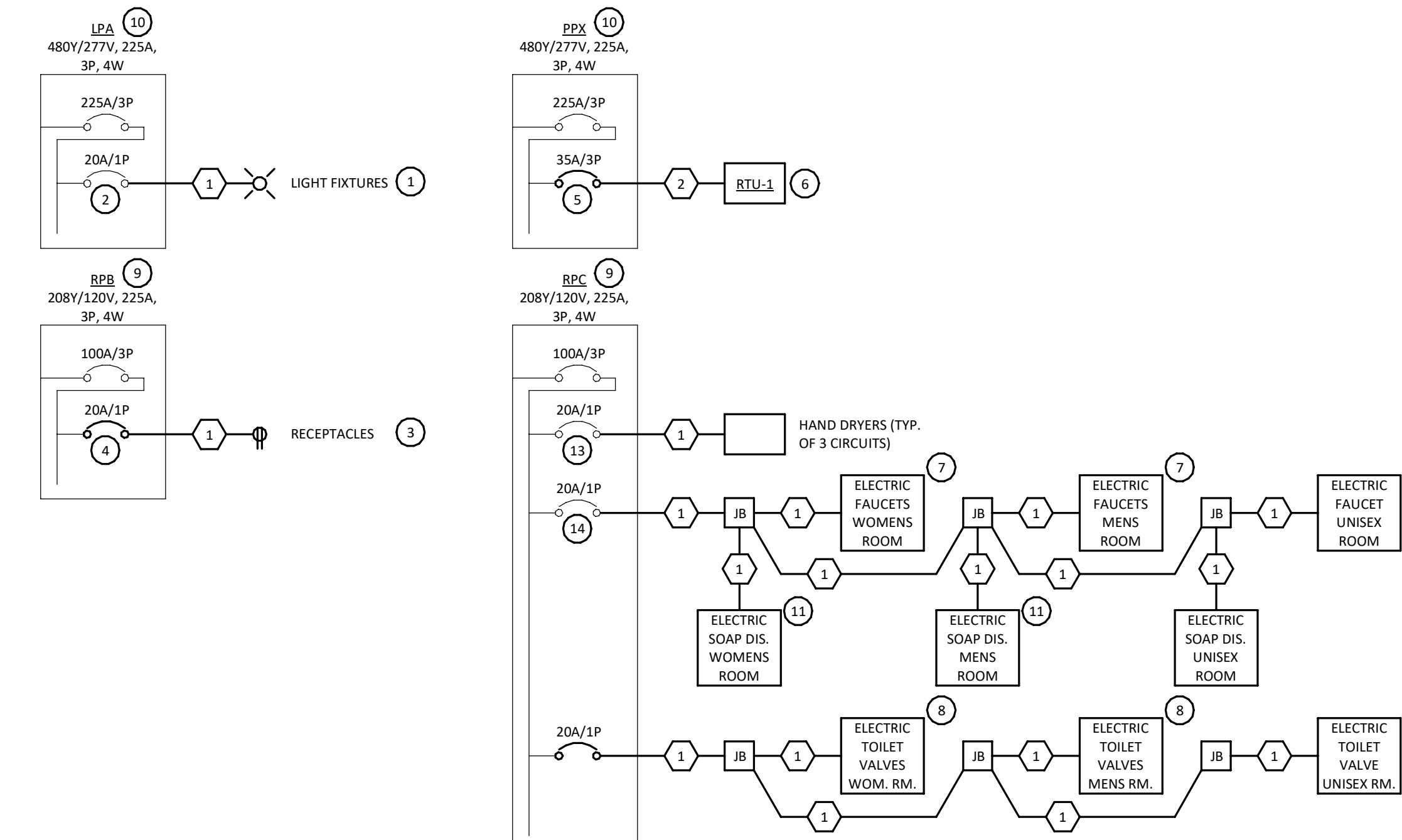
LIGHT FIXTURE SCHEDULE										
DESIGNATION	TYPE	MANUFACTURER	CATALOG NUMBER	LUMENS	LIGHT COLOR	VOLTS	LIGHT DISTRIBUTION	INSTALLATION	FINISH / COLOR	REMARKS
L1	2X2 TROFFER	HE WILLIAMS	AT1-22-L40/840-D-DIM-UNV	4,000	4000K	277	N/A	TROFFER	WHITE	
L2	DOWNLIGHT	HE WILLIAMS	6DR-TL-L20/840-DIM-UNV-LM-OF	2,000	4000K	277	MEDIUM	RECESSED	WHITE	
L3	VANITY	LITHONIA	FMVCCLS 24IN MVOLT 30K35K40K 90CRI BN	1,850	4000K	277	N/A	WALL	BRUSHED NICKEL	
L4	2X2 LIGHT	HE WILLIAMS	ATS1-22-L40/840-D-DIM-UNV	4,000	4000K	277	N/A	SURFACE	WHITE	
E1	EXIT SIGN AND EMERGENCY LIGHT	COOPER	LPXC50SD	N/A	RED	277	N/A	SURFACE	WHITE	1,2,3
E2	EMERGENCY LIGHT	COOPER	SEL50SD	N/A	N/A	277	N/A	SURFACE	WHITE	1,2,3

GENERAL NOTES, LIGHT FIXTURE SCHEDULE

1. MODEL IS GIVEN FOR QUALITY ONLY. SUBSTITUTE LIGHT FIXTURES SHALL BE OF EQUAL OR GREATER QUALITY.  
2. ALL FIXTURES TO BE PROVIDED WITH REQUIRED MOUNTING HARDWARE FOR INSTALLATION TYPE SHOWN.

REMARKS, LIGHT FIXTURE SCHEDULE

1. FIXTURE SHALL BE SELF DIAGNOSTIC.  
2. PROVIDE WITH BATTERY PACK.  
3. CONNECT TO THE NEAREST UNSWITCHED SOURCE.



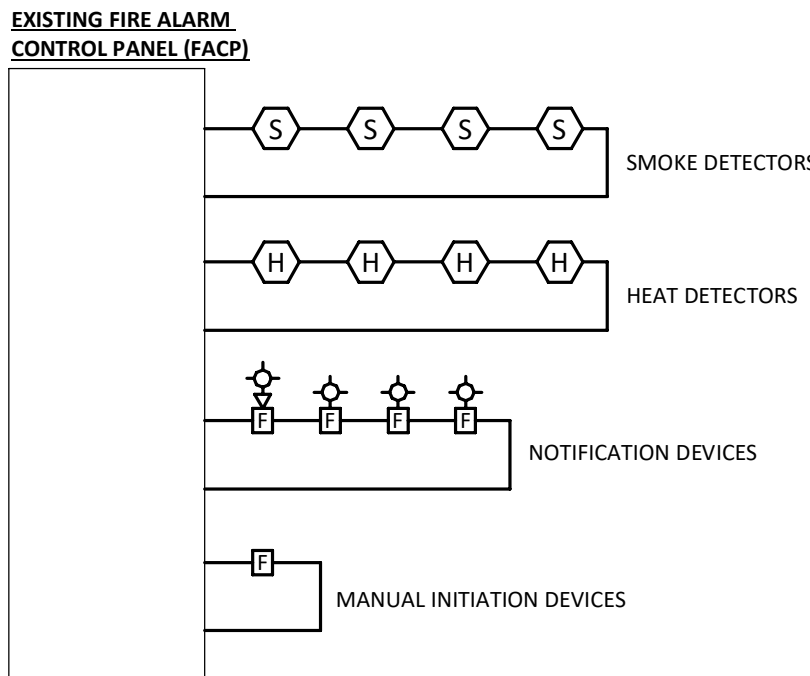
GENERAL NOTE, PROPOSED ONE-LINE DIAGRAM

1. NOT ALL EQUIPMENT AND CIRCUITS SHOWN ON ONE-LINE DIAGRAM. SEE FLOOR PLANS AND LIGHTING PLANS FOR ADDITIONAL CIRCUIT REQUIREMENTS. ONE-LINE DIAGRAM IS TYPICAL. ADDITIONAL CIRCUITS MAY BE REQUIRED.

KEYED NOTES, PROPOSED ONE-LINE DIAGRAM

1. SEE E200 FOR LIGHTING CIRCUITING DETAILS.  
2. USE EXISTING SPARE BREAKERS IN THE PANELBOARD. TYPICAL OF TWO LIGHTING CIRCUITS.  
3. SEE E100 FOR RECEPTACLE CIRCUITING DETAILS.  
4. PROVIDE FIVE (5) NEW 20A/1P BREAKERS. USE THREE (3) EXISTING SPARE 20A/1P BREAKERS.  
5. PROVIDE A NEW BREAKER 35A/3P BREAKER.  
6. DISCONNECT SWITCH AND CONVENIENCE RECEPTACLE PROVIDED WITH RTU-1.  
7. ALL FAUCETS IN THE BATHROOM SHALL BE POWERED FROM THE SAME POWER SUPPLY THAT IS SUPPLIED WITH THE HARD-WIRED KIT. FAUCETS FURNISHED BY PC, THE ELECTRICAL SHALL BE BY THE EC.  
8. ALL TOILET VALVES IN THE BATHROOM SHALL BE POWERED FROM THE SAME POWER SUPPLY THAT IS SUPPLIED WITH THE HARD-WIRED KIT. VALVES FURNISHED BY THE PC, THE ELECTRICAL SHALL BE BY THE EC.  
9. PANELBOARD IS AN A SERIES PANELBOARD BY GE.  
10. PANELBOARD IS MANUFACTURED BY GE.  
11. ALL SOAP DISPENSORS IN THE BATHROOM SHALL BE POWERED FROM THE SAME POWER SUPPLY THAT IS SUPPLIED WITH THE HARD-WIRED KIT. SOAP DISPENSERS FURNISHED BY THE PC, THE ELECTRICAL SHALL BE BY THE EC.  
13. USE THREE (3) EXISTING 20A/1P BREAKERS. THE BREAKERS SHALL BE FROM CIRCUITS 9, 18, AND 22.  
14. USE ONE (1) EXISTING 20A/1P BREAKER. THE BREAKER SHALL BE FROM CIRCUIT 20.

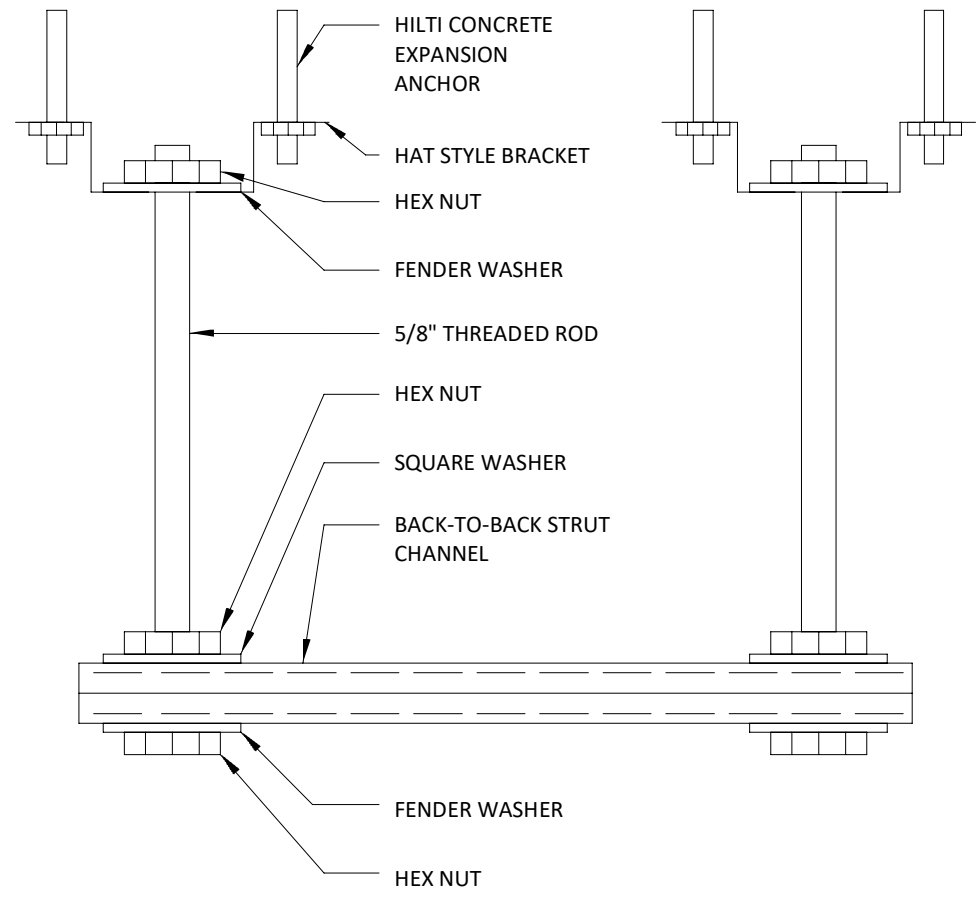
2 PROPOSED ONE-LINE DIAGRAM  
NOT TO SCALE



GENERAL NOTES, FIRE ALARM WIRING DIAGRAM

1. PROVIDE A COMPLETE AND CODE COMPLIANT FIRE ALARM SYSTEM WITH DEVICE LOCATIONS AS SHOWN ON FLOOR PLANS AS WELL AS ADDITIONAL DEVICES AS REQUIRED.  
2. PROVIDE 3/4" CONDUIT FOR ALL CIRCUITING.  
3. ALL STROBES AND COMBINATION HORN/STROBE SHALL BE SET IN ACCORDANCE WITH ADA REQUIREMENTS.  
4. ALL WIRING SHALL BE AS REQUIRED FOR COMPLETE AND OPERABLE SYSTEM AND SHALL BE PER MANUFACTURERS RECOMMENDATIONS.  
5. THE FIRE ALARM SYSTEM SHALL UTILIZE CLASS A WIRING.  
6. THE EXISTING FIRE ALARM CONTROL PANEL IS A HONEYWELL E3 SERIES.  
7. THE CONTRACTOR SHALL REPROGRAM THE EXISTING FACP AS REQUIRED.  
8. WORK SHALL BE PERFORMED BY QUALIFIED INDIVIDUALS ONLY.  
9. THE CONTRACTOR SHALL TEST THE FIRE ALARM SYSTEM AFTER COMPLETION OF WORK.

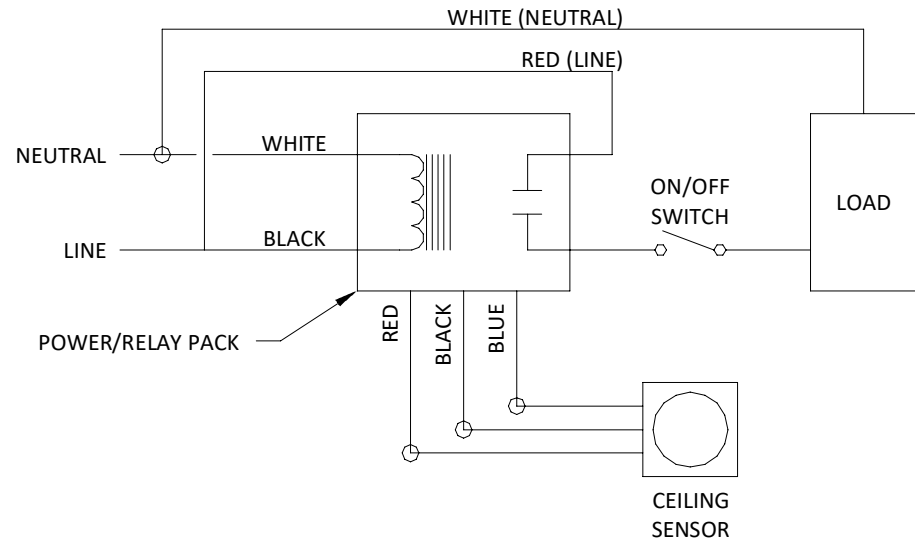
5 FIRE ALARM WIRING DIAGRAM  
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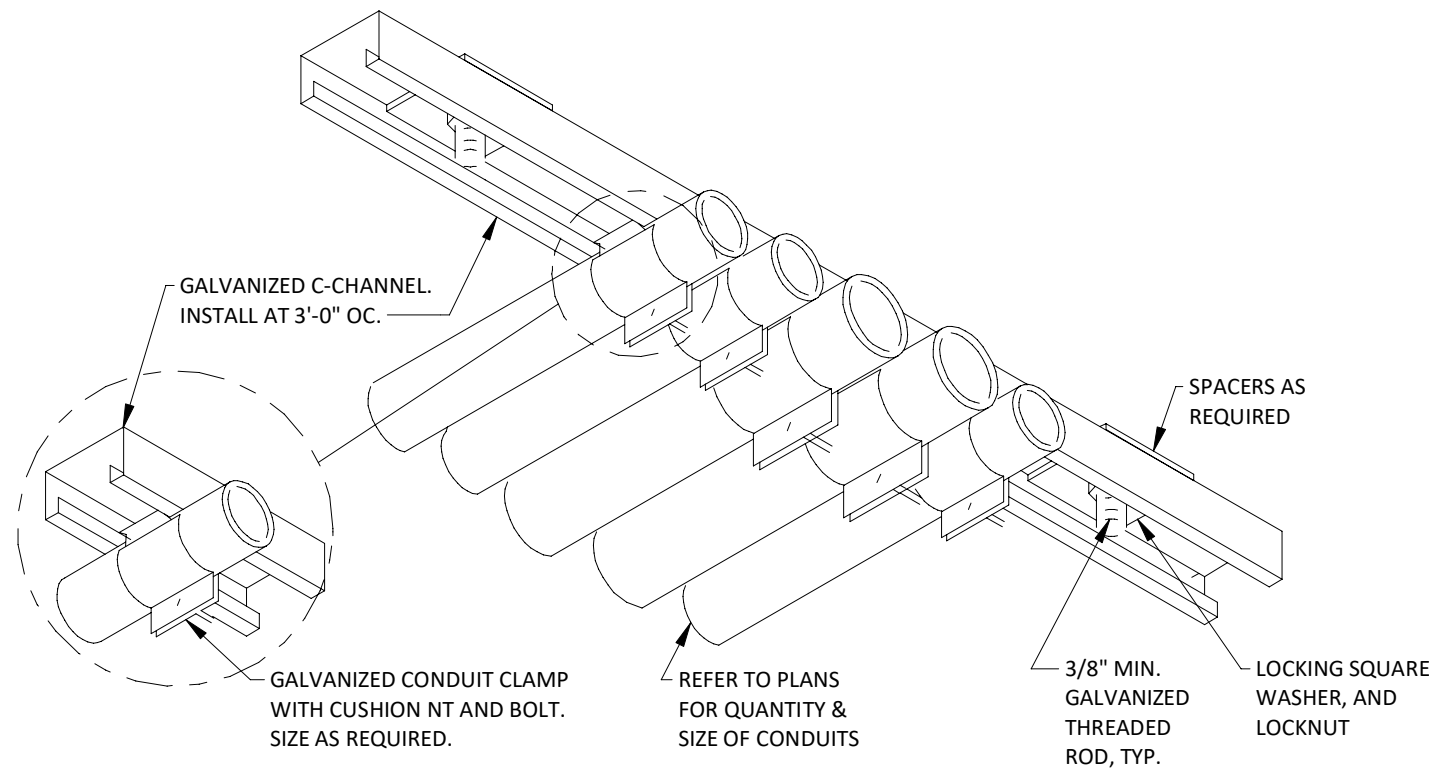
GENERAL NOTES, CEILING MOUNTED SUPPORT DETAIL

1. GALVANIZED CONDUIT CLAMP TO SECURE CONDUIT TO STRUT.

3 SUSPENDED CONDUIT SUPPORT DETAIL  
NOT TO SCALE



4 TYPICAL CEILING-MOUNT OCCUPANCY SENSOR  
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6 CONDUIT SUPPORT DETAIL  
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REVISIONS	

TOMPKINS COUNTY  
TOMPKINS COUNTY RECYCLING CENTER  
CONTRACT NO. 4 - ELECTRICAL  
ELECTRICAL ONE-LINE DIAGRAMS, SCHEDULES, AND DETAILS  
TOMPKINS COUNTY, NEW YORK  
CITY OF ITHACA

Barton & Loguidice  
443 Electronics Parkway  
Liverpool, NY 13088  
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