

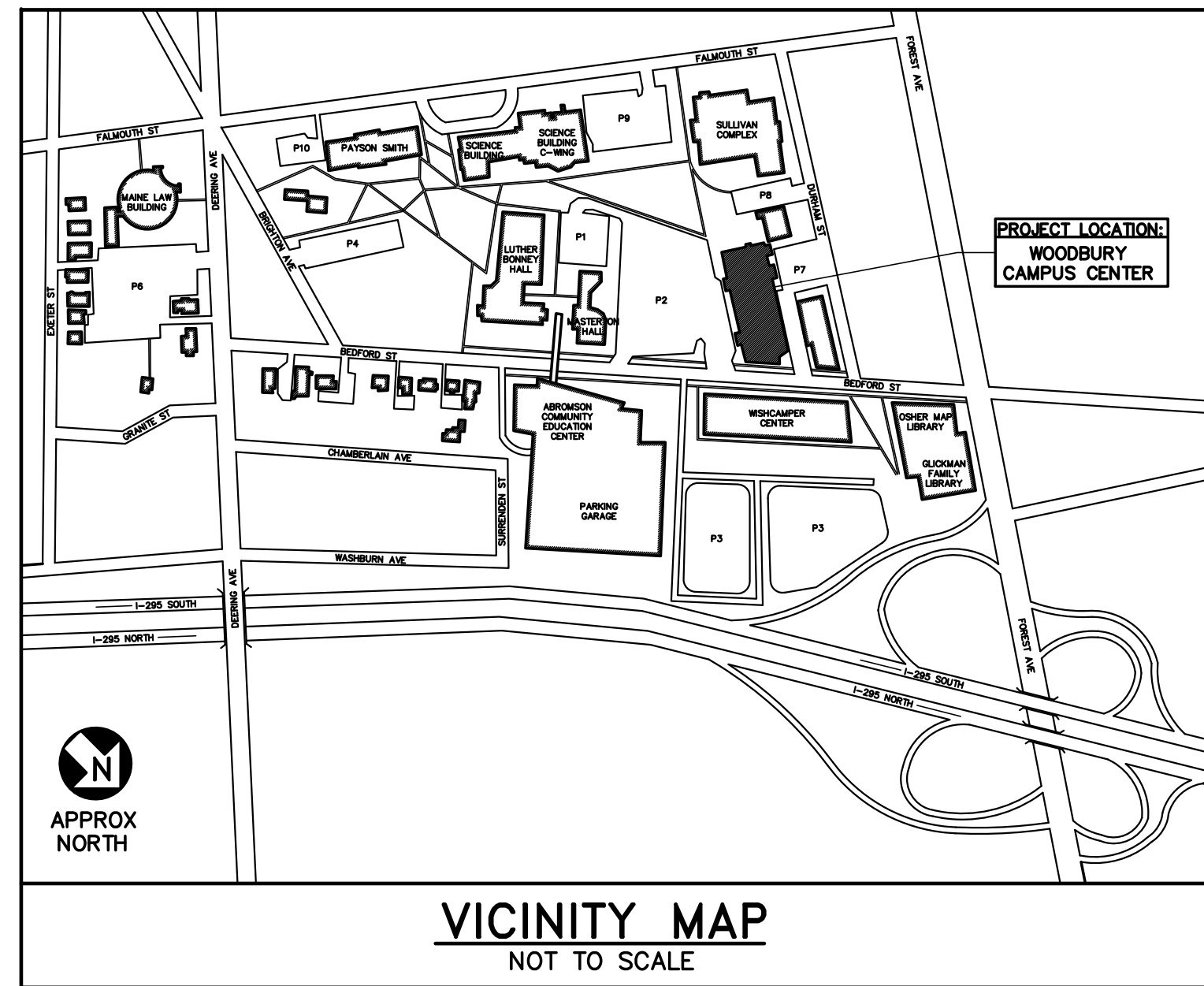
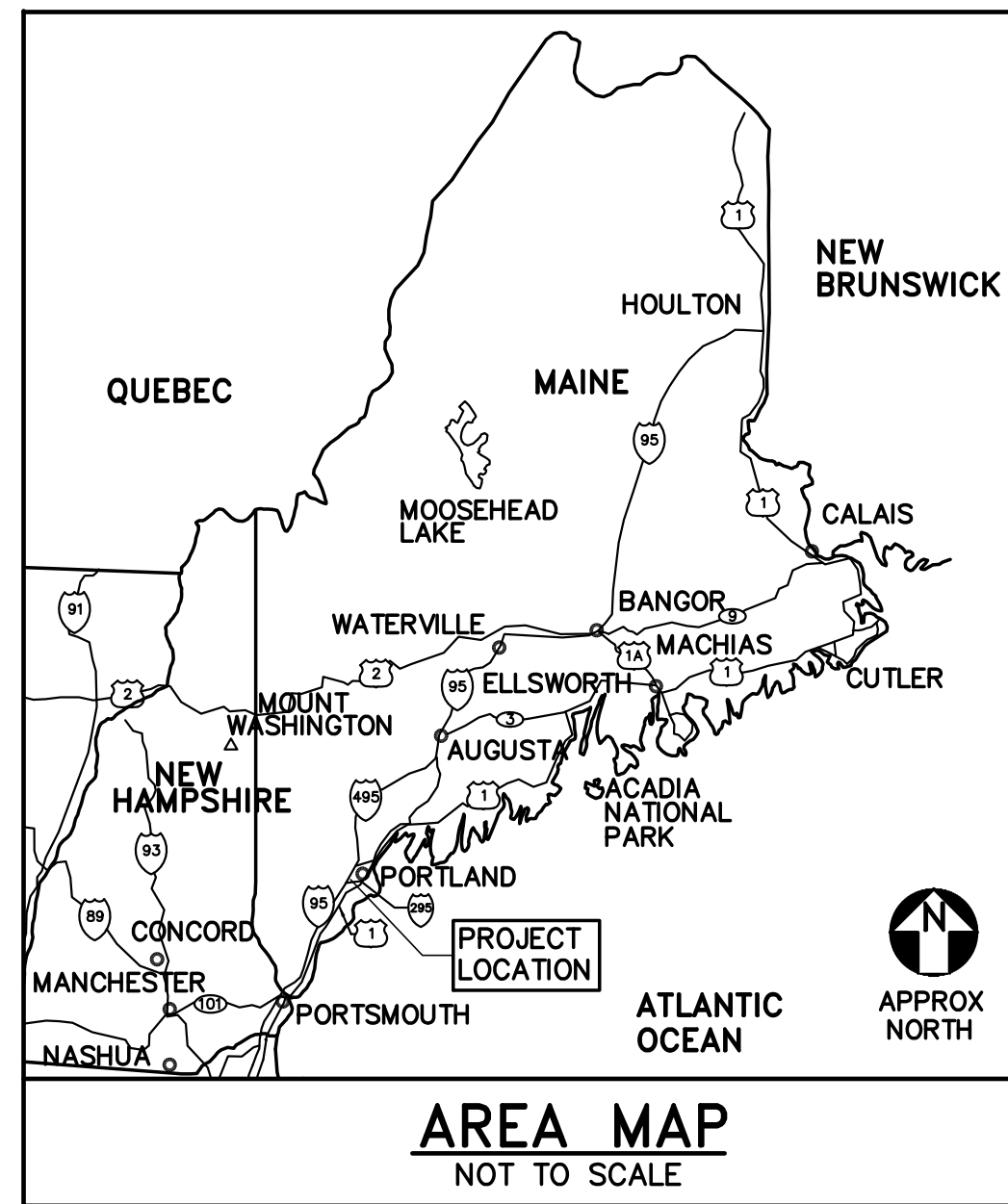
BATHROOM ADDITION

WOODBURY CAMPUS CENTER

UNIVERSITY OF SOUTHERN MAINE

35 BEDFORD STREET, PORTLAND MAINE

USM PROJECT NUMBER: #2017-014



GENERAL CONSTRUCTION NOTES

1. WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO STATE, NATIONAL AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT INCLUDING IEBC 2009 AND NFPA 101, 2009.
2. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO THE OWNER. PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE OWNER.
3. WORK FROM GIVEN DIMENSIONS AND LARGE SCALE DETAILS ONLY. DO NOT SCALE DRAWINGS.
4. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT NATURAL AREAS TO REMAIN.
5. AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A SAFE, WEATHERTIGHT, SECURE, NEAT AND CLEAN MANNER.
6. PROVIDE TEMPORARY PROTECTION FROM THE WEATHER FOR EXPOSED STRUCTURE.
7. PROVIDE BARRICADES AND SIGNAGE AT WORK AREAS TO PREVENT THE PUBLIC FROM ENTERING AREAS OF WORK.
8. DIMENSIONS ARE FROM FACE OF STUD OR FROM FACE OF CMU WALL UNLESS NOTED OTHERWISE.
9. COORDINATE THE TIMING AND SEQUENCE OF WORK WITH OWNER AND THE APPROPRIATE AUTHORITIES.
10. DISRUPTIVE WORK: DISRUPTIVE/NOISY WORK SHALL BE PERFORMED AS DIRECTED BY THE OWNER.
11. IT IS UNKNOWN IF HAZARDOUS MATERIALS ARE PRESENT WITHIN THE SCOPE OF WORK AREA. TESTING HAS NOT BEEN PERFORMED. IF SUSPECTED MATERIALS ARE ENCOUNTERED, NOTIFY THE OWNER PRIOR TO COMMENCING WORK.

LIST OF DRAWINGS

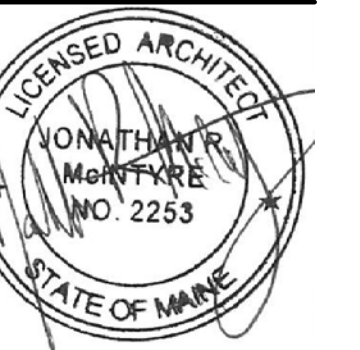
DISCIPLINE SHEET NO	SEQUENCE NO.	DRAWING TITLE
G-001	1 OF 12	MAPS, LIST OF DRAWINGS, ABBREVIATIONS, LEGEND AND GENERAL NOTES
G-101	1.1 OF 12	LIFE SAFETY INFORMATION
CS101	2 OF 12	SITE PLAN AND DETAILS
AE001	3 OF 12	WALL TYPES, DETAILS AND MOUNTING HEIGHTS
AE101	4 OF 12	FLOOR PART PLANS AND INTERIOR ELEVATIONS
AE640	5 OF 12	FINISH SCHEDULE, DOOR SCHEDULE AND DETAILS
M-001	6 OF 12	MECHANICAL LEGENDS, ABBREVIATIONS, SCHEDULES AND DETAILS
MD101	7 OF 12	MECHANICAL REMOVALS PART PLANS
M-101	8 OF 12	MECHANICAL AND SPRINKLER PART PLANS
P-001	9 OF 12	PLUMBING LEGENDS, ABBREVIATIONS, GENERAL NOTES AND DETAILS
P-101	10 OF 12	PLUMBING PART PLANS
E-001	11 OF 12	ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
E-101	12 OF 12	PARTIAL ELECTRICAL PLANS

ABBREVIATIONS

©	AT	IBC	INTERNATIONAL BUILDING CODE
&	AND	INSUL	INSULATION
#	NUMBER	IRC	INTERNATIONAL RESIDENTIAL CODE
±	PLUS OR MINUS	JAN	JANITOR
ALUM	ALUMINUM	LF	LINEAR FEET
ADJ	ADJACENT	LLH	LONG LEG HORIZONTAL
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
APA	AMERICAN PLYWOOD ASSOCIATION	MDF	MEDIUM DENSITY FIBERBOARD
BD	BOARD	MECH	MECHANICAL
BL	BORROWED LITE	MFR'S	MANUFACTURER'S
BLDG	BUILDING	MIN	MINIMUM
CLG	CEILING	MR	MOISTURE RESISTANCE
CMU	CONCRETE MASONRY UNIT	MTL	METAL
COL	COLUMN	N	NORTH
CONC	CONCRETE	NIC	NOT IN CONTRACT
CONT	CONTINUOUS	OC	ON CENTER
CORR	CORRIDOR	PNT	PAINT
COORD	COORDINATE	PLYWD	PLYWOOD
CPT	CARPET	PT	PRESSURE TREATED
CWT	CERAMIC WALL TILE	RCB	RUBBER COVE BASE
DIA	DIAMETER	RCP	REFLECTED CEILING PLAN
DN	DOWN	REINF	REINFORCED
DWG	DRAWING	RM	ROOM
ELEC	ELECTRICAL	RWB	RUBBER WALL BASE
ELEV	ELEVATION	SF	SQUARE FEET
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	SIM	SIMILAR
EQUIP	EQUIPMENT	SQ	SQUARE
ETC	ET CETERA	SS	STAINLESS STEEL
EXIST	EXISTING	STL	STEEL
EXT	EXTERIOR	STRUCT	STRUCTURAL
EWC	ELECTRIC WATER COOLER	SYS	SYSTEM
FDN	FOUNDATION	T&G	TONGUE AND GROOVE
FIXT	FIXTURE	TYP	TYPICAL
GA	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GYP BD	GYPSUM BOARD	VCT	VINYL COMPOSITION TILE
H,HGT	HEIGHT	VERT	VERTICAL
HORIZ	HORIZONTAL	VIF	VERIFY IN FIELD
HAZ MAT	HAZARDOUS MATERIALS	W/	WITH
HR	HOUR	WD	WOOD

LEGEND

	DETAIL NUMBER SHEET WHERE DETAIL IS DRAWN SHEETS WHERE DETAIL IS TAKEN
	INDICATES DIRECTION OF CUTTING PLANE WALL SECTION OR ELEVATION NUMBER SHEET WHERE WALL SECTION OR ELEVATION IS DRAWN SHEETS WHERE WALL SECTION OR ELEVATION IS TAKEN
	INDICATES DIRECTION OF CUTTING PLANE BUILDING SECTION LETTER SHEET WHERE BUILDING SECTION IS DRAWN SHEETS WHERE BUILDING SECTION IS TAKEN
	OFFICE 109 ROOM NAME AND NUMBER
	109 DOOR NUMBER
	NA WALL TYPE
	BL1 BORROWED LITE
	ELEVATION OR VERTICAL HEIGHT TARGET
	KEYNOTE
	DETAIL 4/AE740-- SHEET NUMBER WHERE DETAIL IS DRAWN
	INTERIOR ELEVATION NUMBERS SHEET NUMBER WHERE INTERIOR ELEVATIONS ARE DRAWN



DESIGNED BY: JMC
DRAWN BY: CAM
CHECKED BY: JMC
PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE
PORTLAND, MAINE
Woodbury Campus Center
35 Bedford Street
Portland, ME 04101
T (207) 750-4160

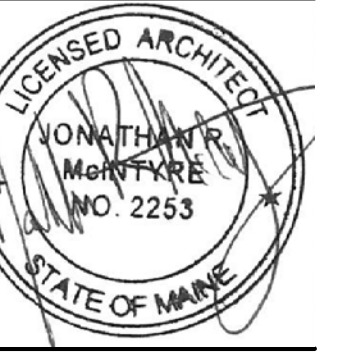
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BATHROOM ADDITION
Portland, Maine

MAPS, LIST OF DRAWINGS,
ABBREVIATIONS
LEGEND AND
GENERAL NOTES

SCALE: AS NOTED
DATE: 06-30-17

DWG.: **G-001**

SHEET: 1 OF 12



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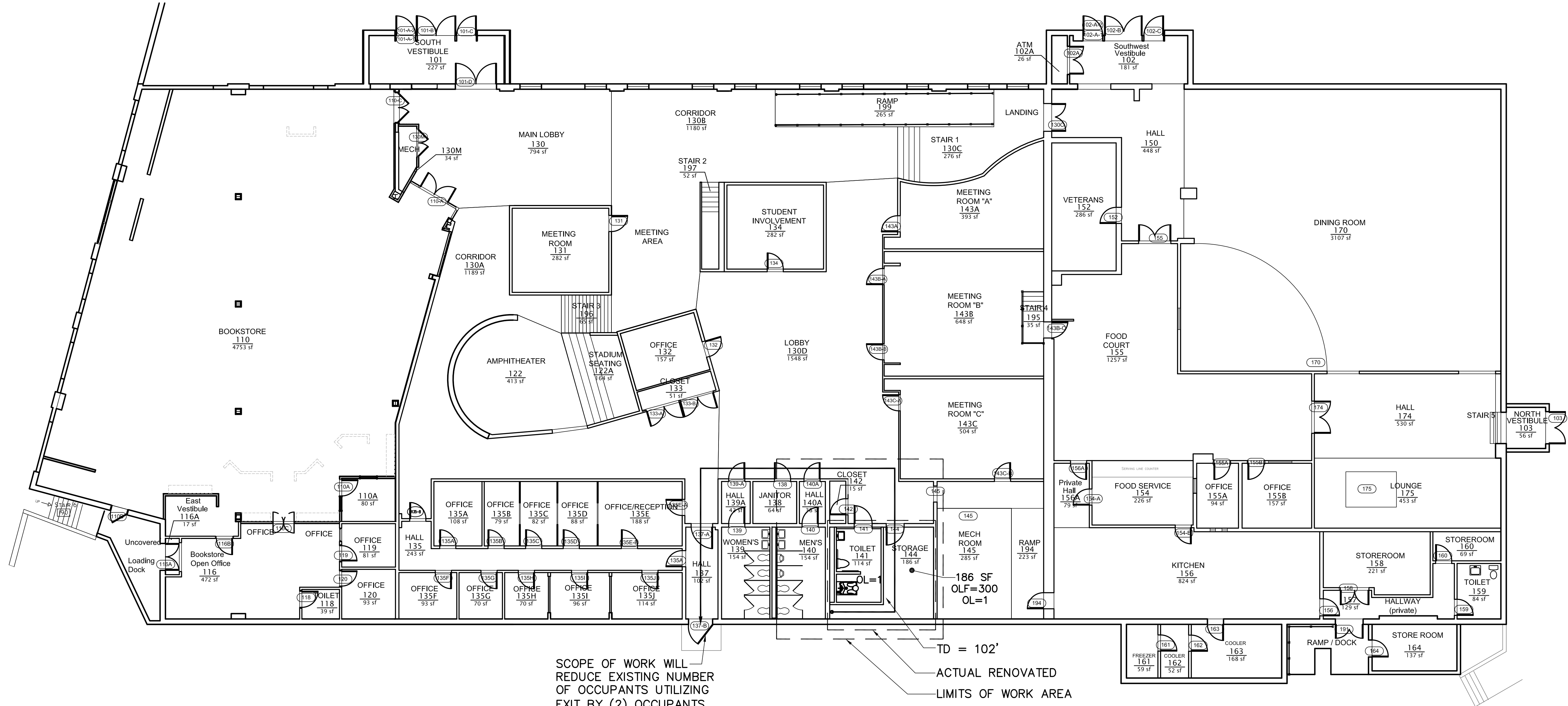
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BATHROOM ADDITION
 Portland, Maine

LIFE SAFETY INFORMATION

SCALE: AS NOTED
 DATE: 06-30-17

DWG.: **G-101**

SHEET: **1.1** OF 12



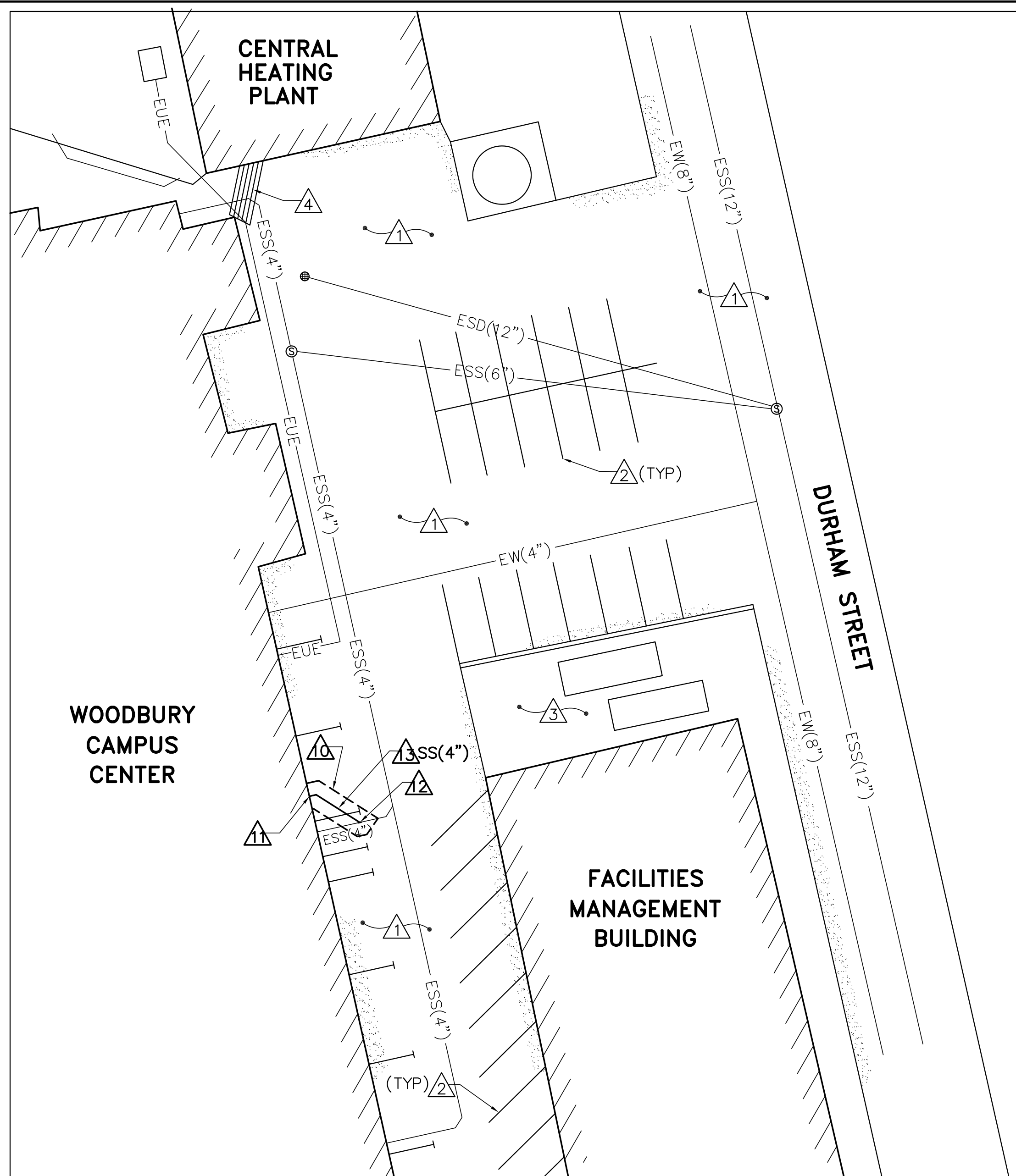
LEGEND

- TRAVEL PATH
- OL OCCUPANT LOAD
- OLF OCCUPANT LOAD FACTOR
- SF SQUARE FEET
- TD TRAVEL DISTANCE

NOTE: TRAVEL DISTANCE LIMIT: 250' ALLOWABLE / 102' ACTUAL

PREVIOUS OCCUPANT LOAD OF RENOVATION AREA: 4 OCCUPANTS

CURRENT OCCUPANT LOAD OF RENOVATION AREA: 2 OCCUPANTS



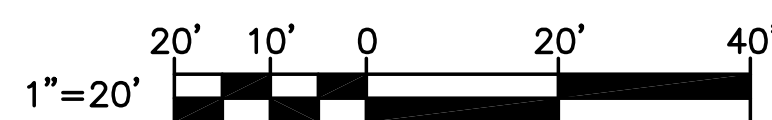
1 SITE PLAN
CS101 SCALE: 1"=20'



KEYNOTES (THIS SHEET ONLY)

- 1 EXISTING ASPHALT CONCRETE PAVEMENT.
- 2 EXISTING PAVEMENT MARKING.
- 3 EXISTING TRASH/RECYCLING CONTAINERS ON CONCRETE PAD.
- 4 EXISTING CONCRETE STEPS.
- 5 - 9 NOT USED.
- 10 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE PAVEMENT, ±4" THICK. PROVIDE ASPHALT CONCRETE PAVEMENT PATCH. SEE DETAIL 2/CS101.
- 11 CORE HOLE IN EXISTING REINFORCED CONCRETE FOUNDATION WALL FOR 4" DIAMETER CAST IRON PIPE (SEE CIVIL NOTE 4, THIS SHEET). SEAL ANNULAR SPACE WITH NON-SHRINK GROUT.
- 12 CUT AND REMOVE PORTION OF EXISTING 4" DIA CAST IRON SANITARY SEWER LINE. CONNECT TO EXISTING WITH 4"x4" CAST IRON WYE. SEE CIVIL NOTE 4, THIS SHEET.
- 13 4" DIA CAST IRON SANITARY SEWER LINE IN PIPE TRENCH. SEE DETAIL 2/CS101.

GRAPHIC SCALE



CIVIL LEGEND

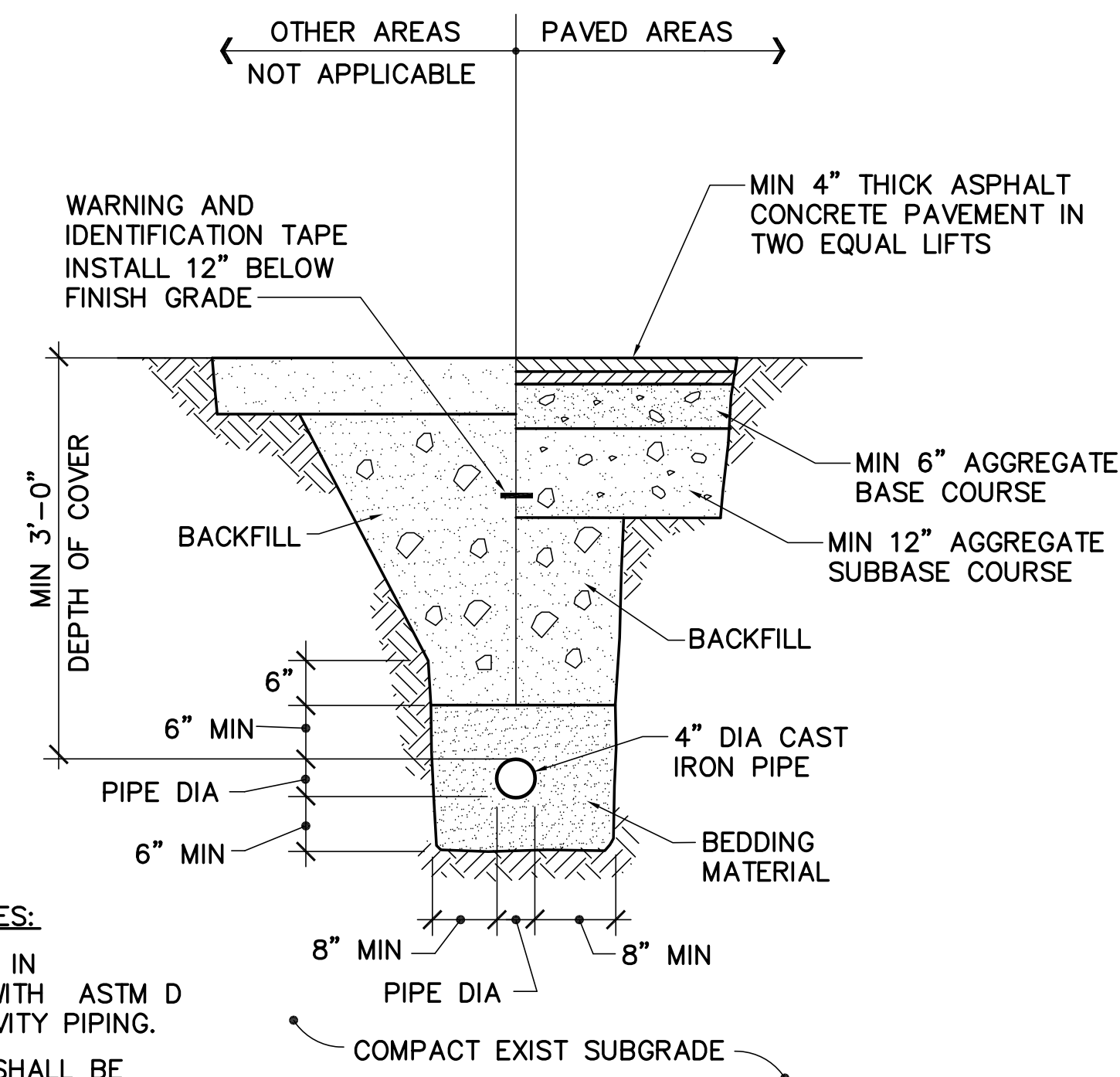
- EXISTING CATCH BASIN
- ⊙ EXISTING SEWER MANHOLE
- ▬ EXISTING BUILDING LINE
- ▬ EXISTING EDGE OF PAVEMENT
- EW(4") — EXISTING WATER LINE
- ESS(6") — EXISTING SANITARY SEWER LINE
- ESD(12") — EXISTING STORM DRAIN LINE
- EUE — EXISTING UNDERGROUND ELECTRIC LINE
- SS(4") — SANITARY SEWER LINE

CIVIL NOTES

1. REFERENCE IS MADE TO THE RECORD DRAWINGS CONSISTING OF 41 SHEETS ENTITLED "UNIVERSITY OF SOUTHERN MAINE, CAMPUS CENTER", DATED APRIL 12, 1984, BY MOORE/WEINRICH & WOODWARD ARCHITECTS, ON FILE AT THE FACILITIES MANAGEMENT BUILDING.
2. EXISTING CONDITIONS ARE BASED ON THE PLANS REFERENCED ABOVE, ON-LINE AERIAL IMAGERY, AND SITE RECONNAISSANCE BY OAK POINT ASSOCIATES ON JUNE 21, 2017.
3. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY. DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK PRIOR TO BEGINNING EXCAVATION. CONTACT "DIGSAFE" AT 1-888-344-7233 AND OBTAIN A "DIGSAFE" PERMIT PRIOR TO COMMENCING EXCAVATION OPERATIONS ON THE SITE.
4. VERIFY ELEVATION OF EXISTING 4" SEWER LINE AT POINT OF CONNECTION PRIOR TO CUTTING HOLE IN FOUNDATION WALL. MAINTAIN MINIMUM 1/4"/FT SLOPE IN SEWER LINE FROM FOUNDATION WALL TO POINT OF CONNECTION.
5. FOR EXTERIOR SANITARY SEWER LINE, PROVIDE CAST IRON PIPE AS SPECIFIED FOR INTERIOR SEWER PIPING.

SITE WORK SPECIFICATIONS

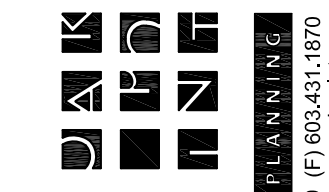
1. UNLESS INDICATED OTHERWISE, CONFORM TO THE MATERIAL AND INSTALLATION REQUIREMENTS OF THE MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (MDOT) FOR THE FOLLOWING:
 - a) AGGREGATE BASE: MDOT SECTION 304, WITH MATERIAL CONFORMING TO SUBSECTION 703.06, TYPE "A".
 - b) AGGREGATE SUBBASE: MDOT SECTION 304, WITH MATERIAL CONFORMING TO SUBSECTION 703.06, TYPE "D".
 COMPACT AGGREGATE BASE AND SUBBASE TO MINIMUM 95% OF ASTM D 1557 DENSITY.
 - c) ASPHALT CONCRETE PAVEMENT: MDOT SECTION 401. ASPHALT BINDER CONFORMING TO SUBSECTION 702.01, PGAB 64-28. MIXTURE CONFORMING TO SUBSECTION 703.09, TABLE 1, GRADING TYPE 12.5mm.
 COMPACT HOT MIX ASPHALT PAVEMENT TO MINIMUM 90% OF THE MAXIMUM THEORETICAL DENSITY ACCORDING TO ASTM D 2041.



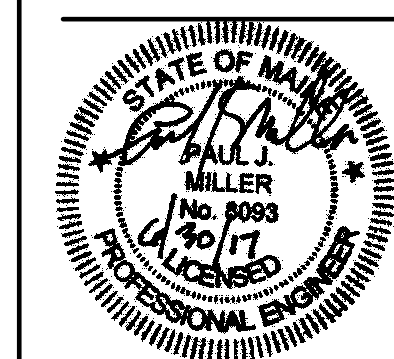
2 TYP PIPE TRENCH DETAIL
CS101 NOT TO SCALE

PIPE TRENCH NOTES:

1. INSTALL PIPING IN ACCORDANCE WITH ASTM D 2321 FOR GRAVITY PIPING.
2. PIPE BEDDING SHALL BE CLEAN WELL GRADED SAND (NOT "DEAD" SAND) AND/OR GRAVEL AND COMPACTED TO MINIMUM 90 PERCENT OF ASTM D-1557 DENSITY.
3. EXCAVATION WORK SHALL COMPLY WITH OSHA STANDARDS. TRENCH SIDEWALLS SHALL BE VERTICAL FROM TRENCH BOTTOM TO MIN 12" ABOVE TOP OF PIPE.



OAK POINT ASSOCIATES
ARCHITECTURE ■ ENGINEERING ■ PLANNING
85 Middle Street, Portsmouth, NH 03801 (T) 603.431.4849 (F) 603.431.1870
www.oakpoint.com



DESIGNED BY: PJM
DRAWN BY: PJM
CHECKED BY: JMC
PROJECT: 21702.09

**UNIVERSITY OF SOUTHERN MAINE
PORTLAND, MAINE**
Woodbury Campus Center
35 Bedford Street
Portland, ME 04101
T (207) 750-4160

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Portland, Maine

SITE PLAN AND DETAILS

SCALE: AS NOTED
DATE: 06-30-17

DWG.: **CS101**

SHEET: **2** OF **12**



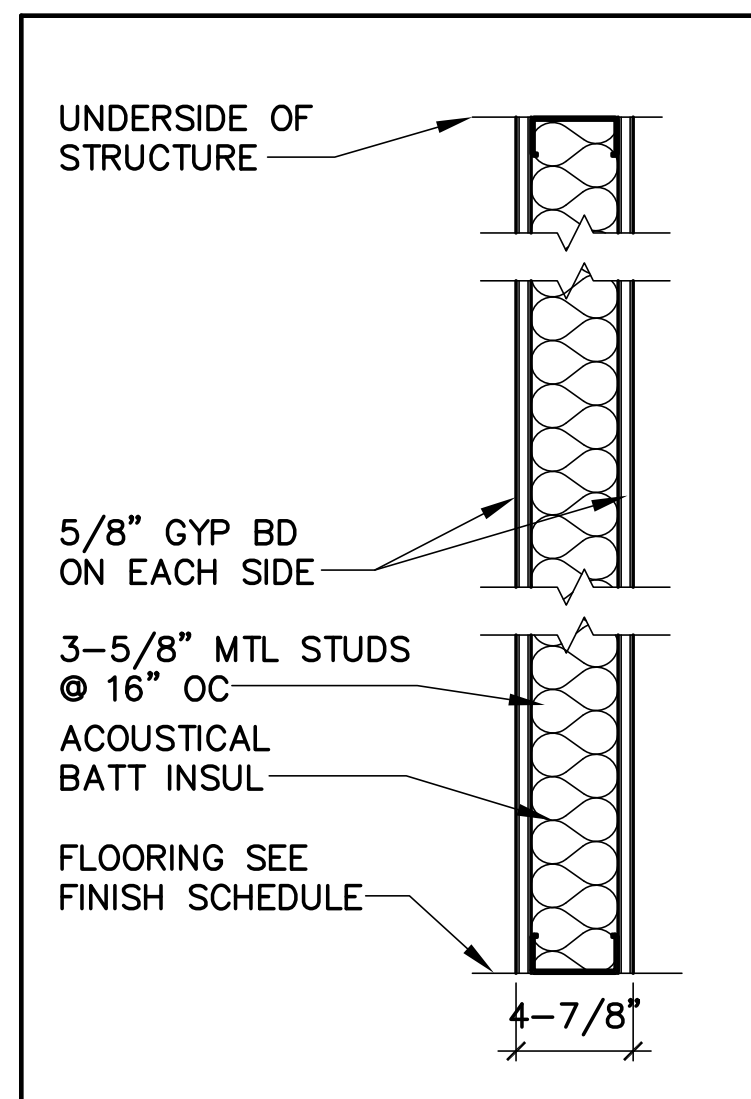
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 Woodbury Campus Center
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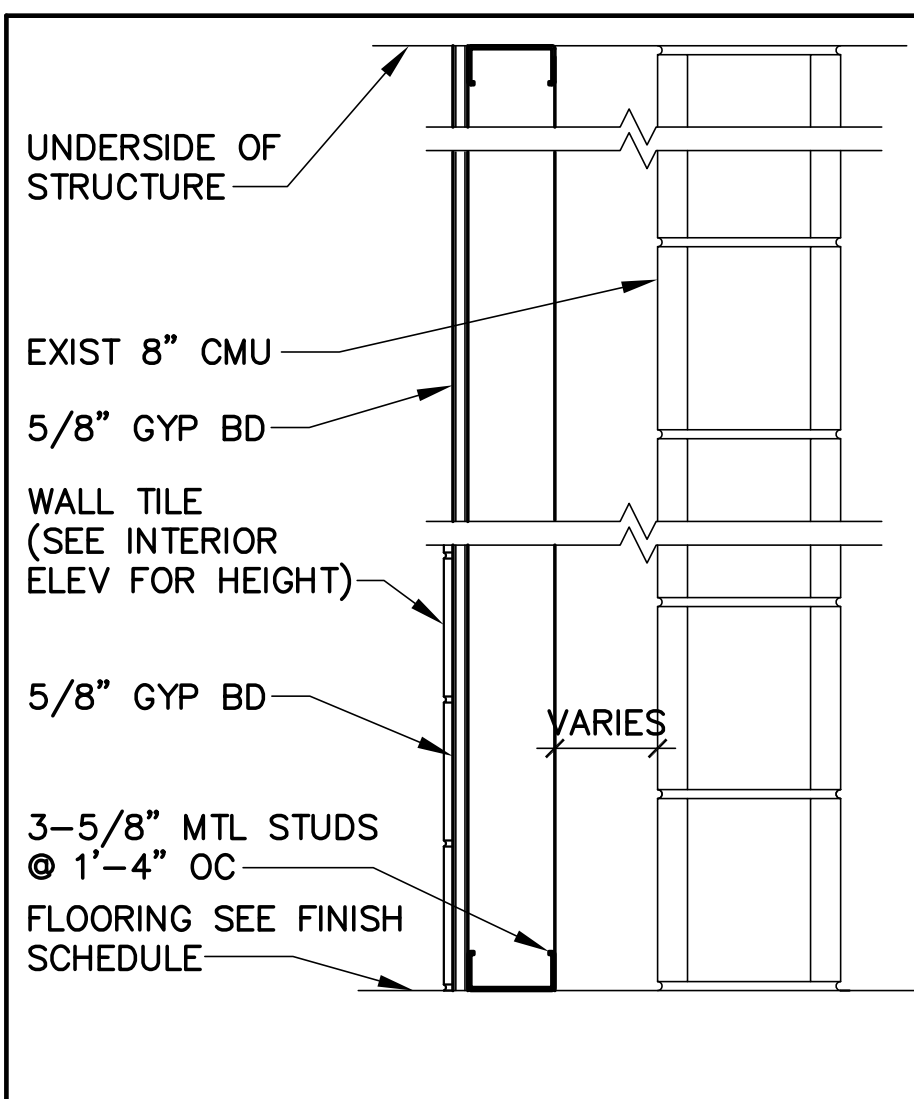
**WOODBURY CAMPUS CENTER
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**WALL TYPES,
 DETAILS, AND
 MOUNTING
 HEIGHTS**

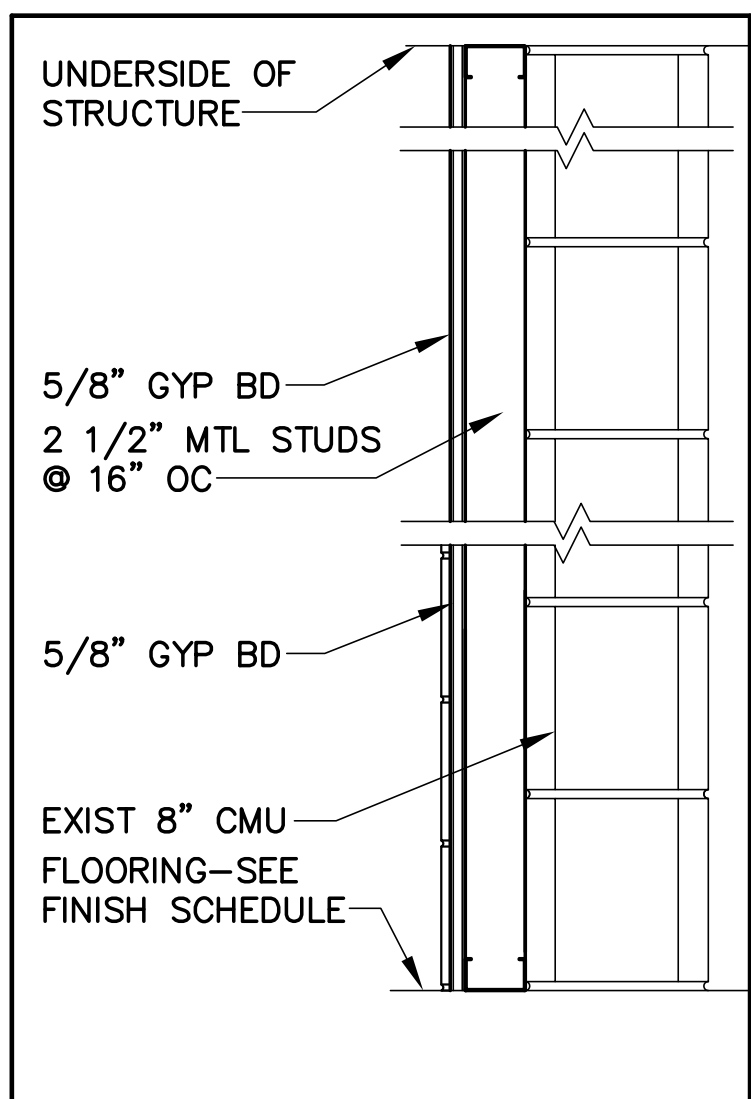
SCALE: AS NOTED
 DATE: 06-30-17
 DWG.: **AE001**
 SHEET: **3** OF **12**



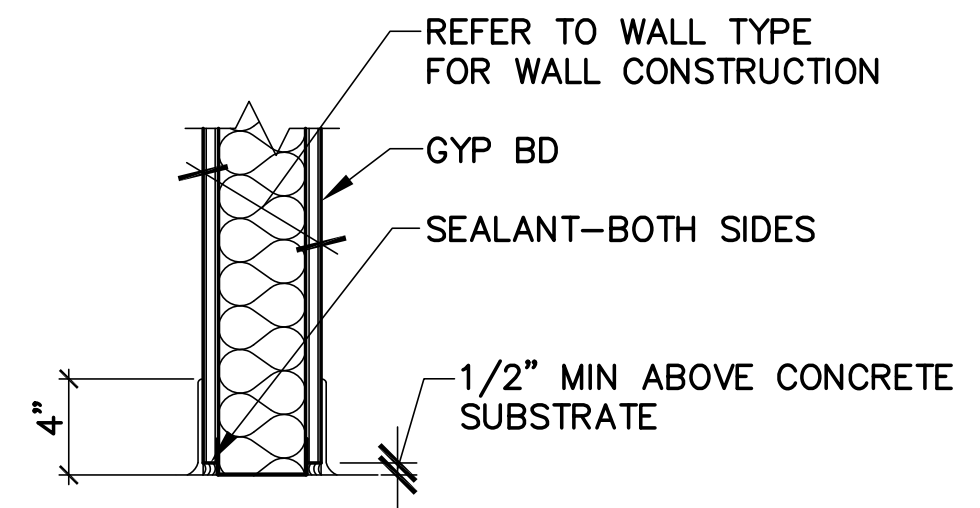
3-5/8" MTL STUD FULL HGT NA
 WALL FINISHES VARY - COORDINATE W/ FINISH SCHEDULE ON SHEET AE640



CMU & MTL STUD CHASE WALL W/ WALL TILE NB



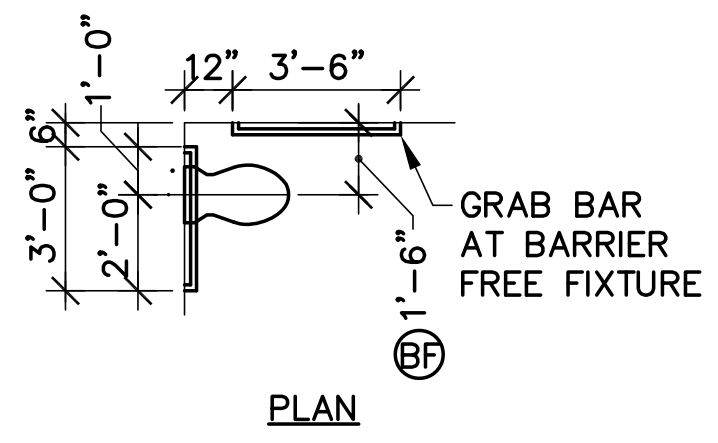
MTL STUD FURRING W/ WALL TILE NC



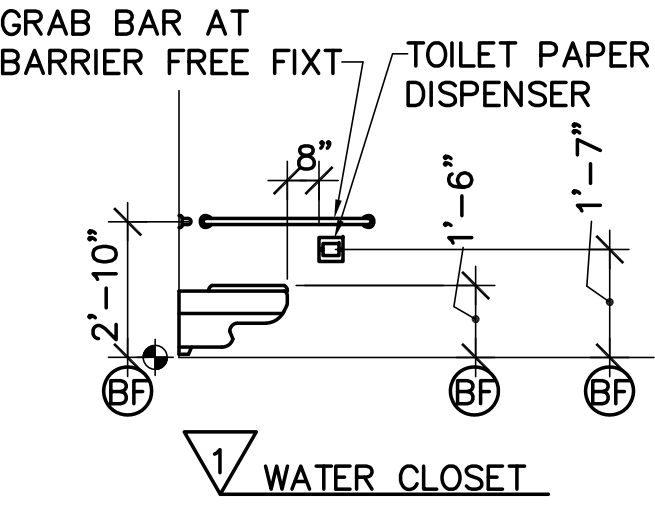
1 TYPICAL GYPSUM BOARD SILL DETAIL
 AE001 AE001 SCALE: 1-1/2"=1'-0"

STANDARD MOUNTING HEIGHTS:

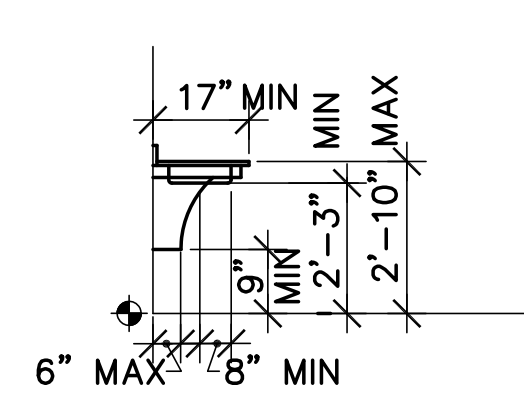
NOT TO SCALE



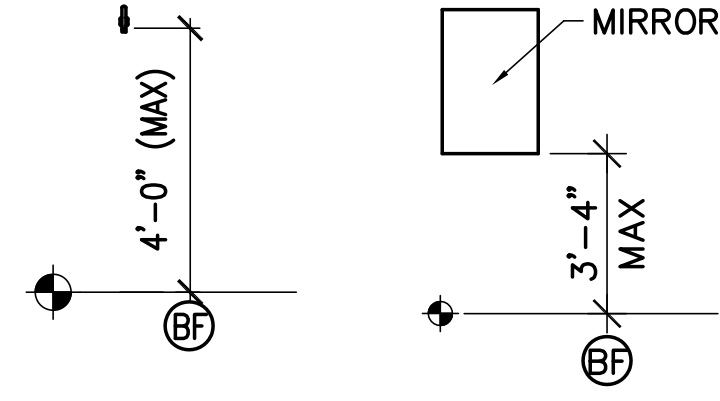
PLAN



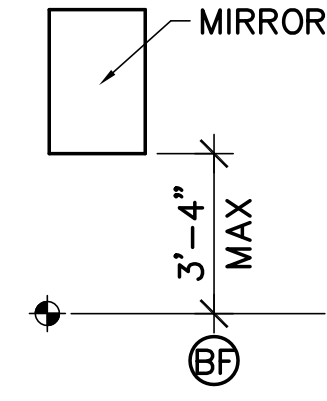
1 WATER CLOSET



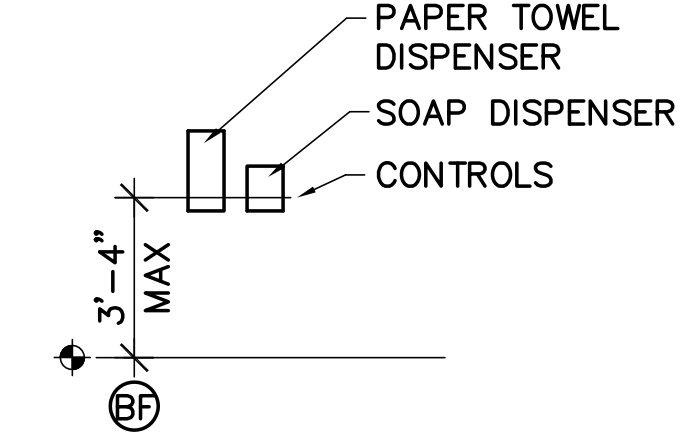
2 COUNTER TOP SINK HANDICAPPED ONLY



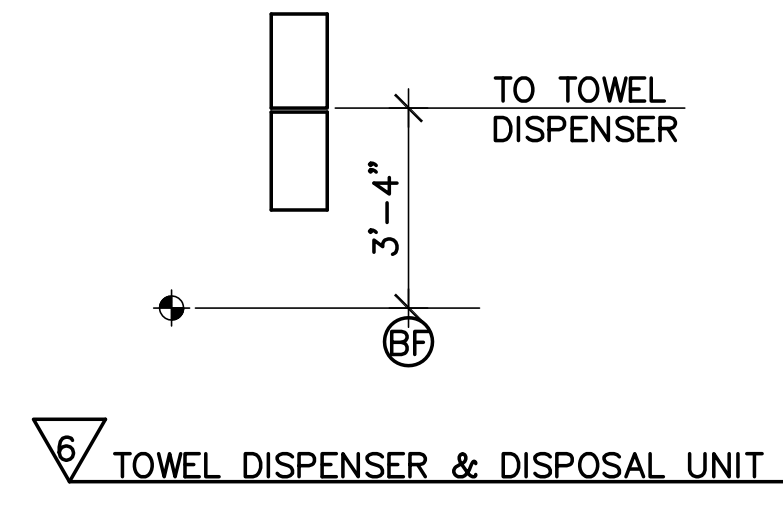
3 CLOTHES HOOK



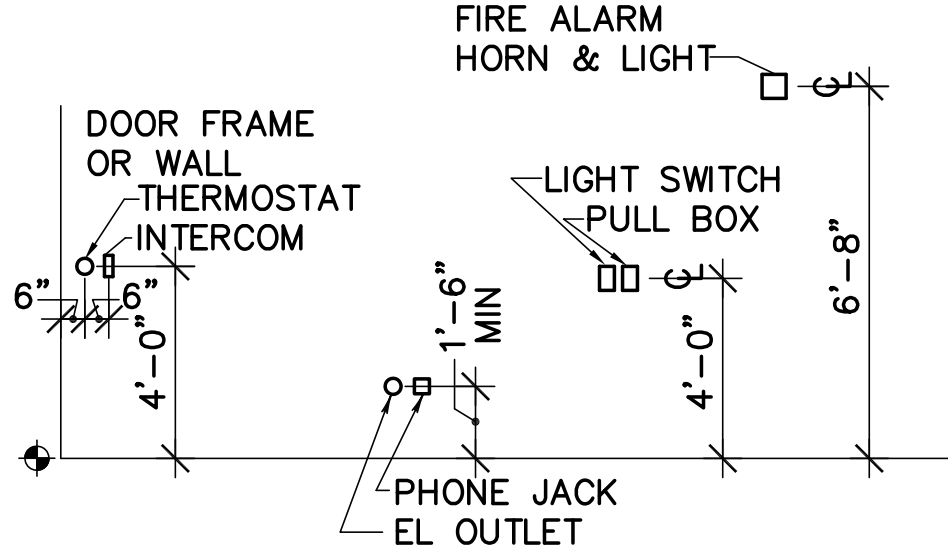
4 MIRROR



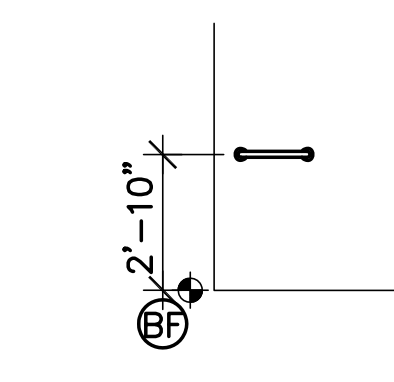
5 TOWEL DISPENSER / SOAP DISPENSER



6 TOWEL DISPENSER & DISPOSAL UNIT



7 ELECTRICAL & FIRE PROTECTION DEVICES TYPICAL UNLESS OTHERWISE SHOWN



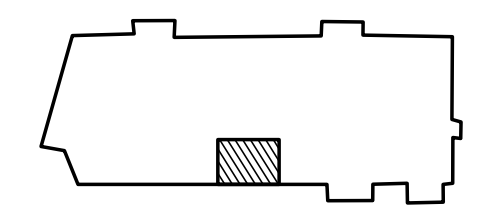
8 TOWEL BAR

NOTES FOR MOUNTING HEIGHTS

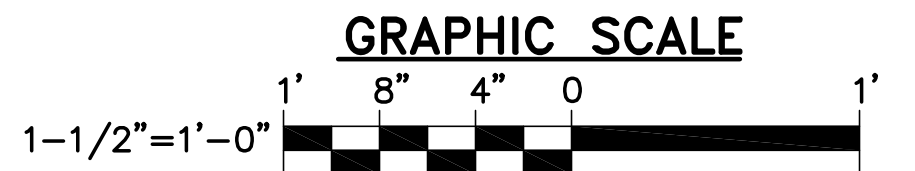
1. MOUNT ALL FIXTURES AT STANDARD MOUNTING HEIGHT UNLESS INDICATED ON PLAN BY A Ⓢ SYMBOL. A Ⓢ SYMBOL AT ANY FIXTURE SHALL INCLUDE ALL ACCESSORIES ASSOCIATED WITH THAT FIXTURE.
2. REFER TO PLUMBING DRAWINGS AND SPECIFICATIONS FOR PLUMBING FIXTURES.

GENERAL NOTES: (THIS SHEET ONLY)

1. SEE ROOM FINISH SCHEDULE (SHEET AE640) FOR WALL FINISHES.
2. DIMENSIONS ARE FROM FACE OF FRAMING UNLESS NOTES AS "CLR" OR "CLR".



KEYPLAN
 NOT TO SCALE PLAN NORTH



CHECK GRAPHIC SCALE BEFORE USING



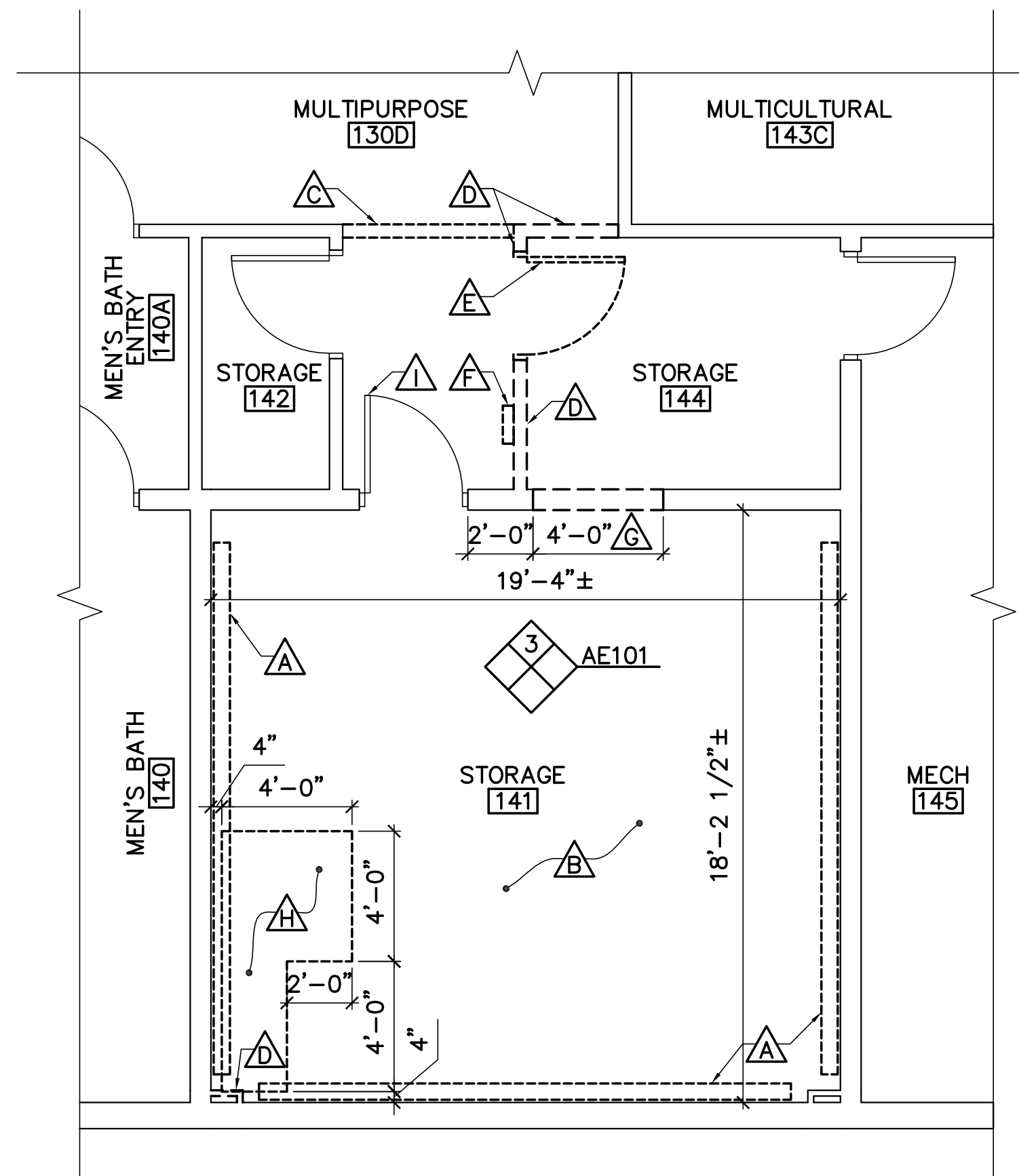
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 Woodbury Campus Center
 35 Bedford Street
 Portland, ME 04101
 T (207) 750-4160

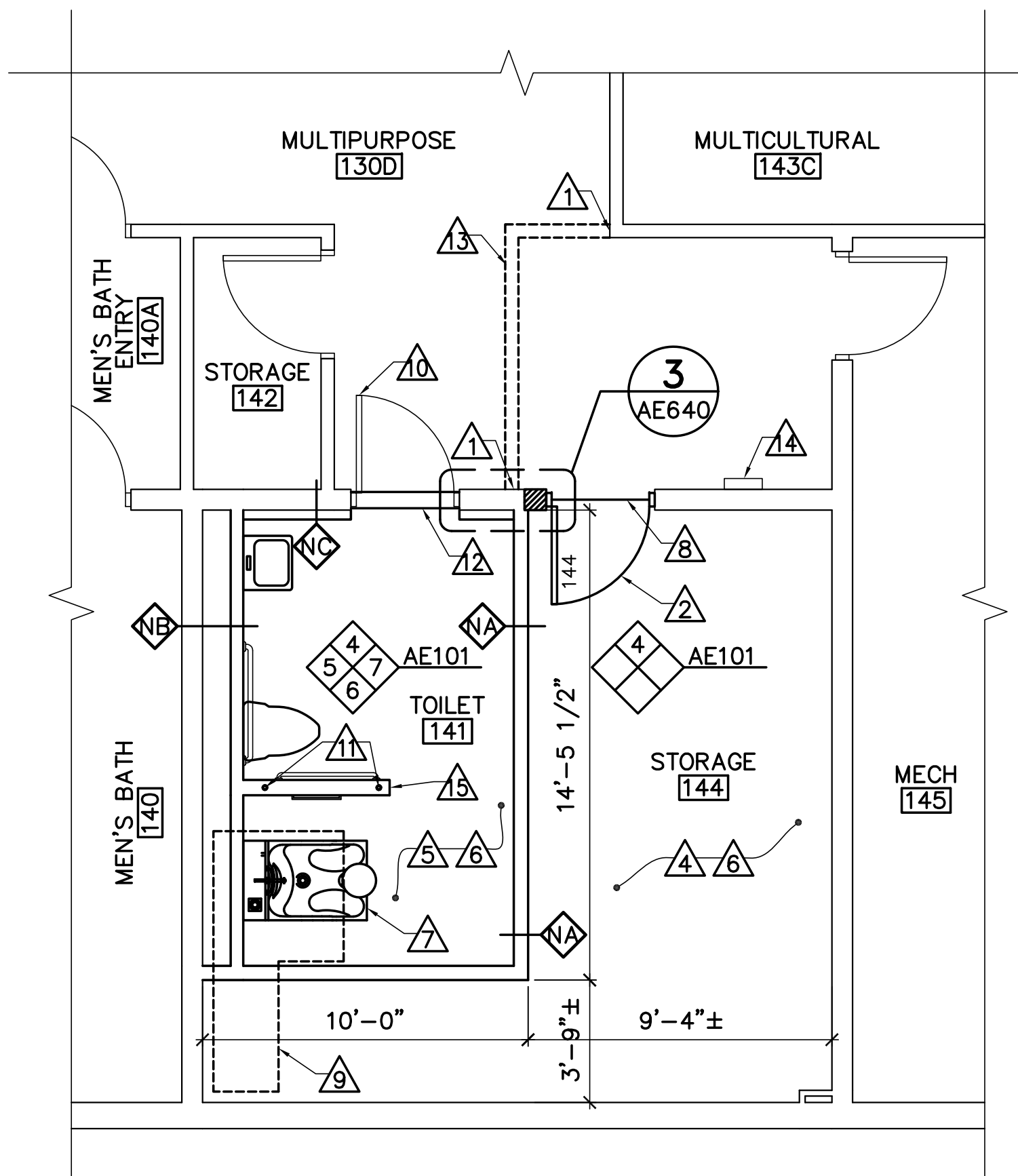
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 BATHROOM ADDITION
 Portland, Maine

FLOOR PART PLANS AND INTERIOR ELEVATIONS

SCALE: AS NOTED
 DATE: 06-30-17
 DWG.: AE101
 SHEET: 4 OF 12



1 REMOVALS FLOOR PART PLAN
 AE101 SCALE: 1/4"=1'-0"



2 FLOOR PART PLAN
 AE101 SCALE: 1/4"=1'-0"

GENERAL SHEET NOTES

- COORDINATE WORK WITH MECHANICAL, PLUMBING, AND ELECTRICAL SHEETS.
- FINISH COLORS TO BE SELECTED BY OWNER.

REMOVALS KEYNOTES (THIS SHEET ONLY)

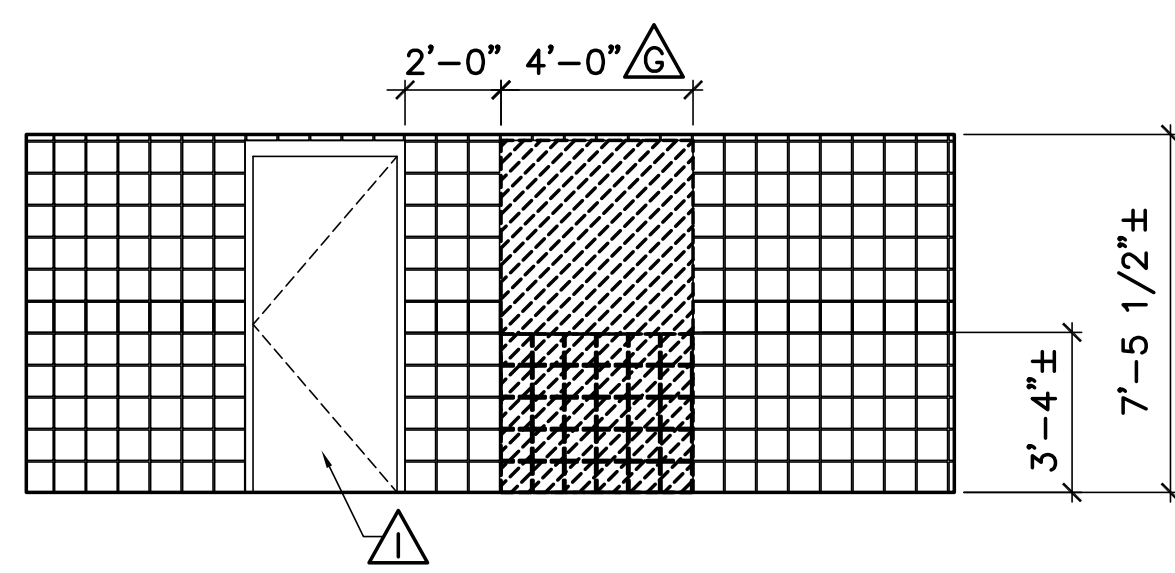
- △ REMOVE LIGHT COVE.
- △ REMOVE CARPET FLOORING. PREPARE CONCRETE SLAB FOR SCHEDULED FLOORING.
- △ REMOVE DECORATIVE WOOD SOFFIT.
- △ REMOVE METAL STUD AND GYPSUM BOARD WALL AS REQUIRED.
- △ REMOVE WOOD DOOR AND HOLLOW METAL FRAME.
- △ REMOVE AND STORE WALL MOUNTED FIRE EXTINGUISHER CABINET AND WOOD DROP BOX FOR REINSTALLATION.
- △ REMOVE GYPSUM BOARD/METAL STUD INFILL AND SECTION OF CMU WALL.
- △ SAW CUT AND REMOVE SECTION OF CONCRETE SLAB AS REQUIRED FOR PLUMBING LINES. REFER TO PLUMBING SHEETS.
- △ REMOVE LOCKSET.

KEYNOTES (THIS SHEET ONLY)

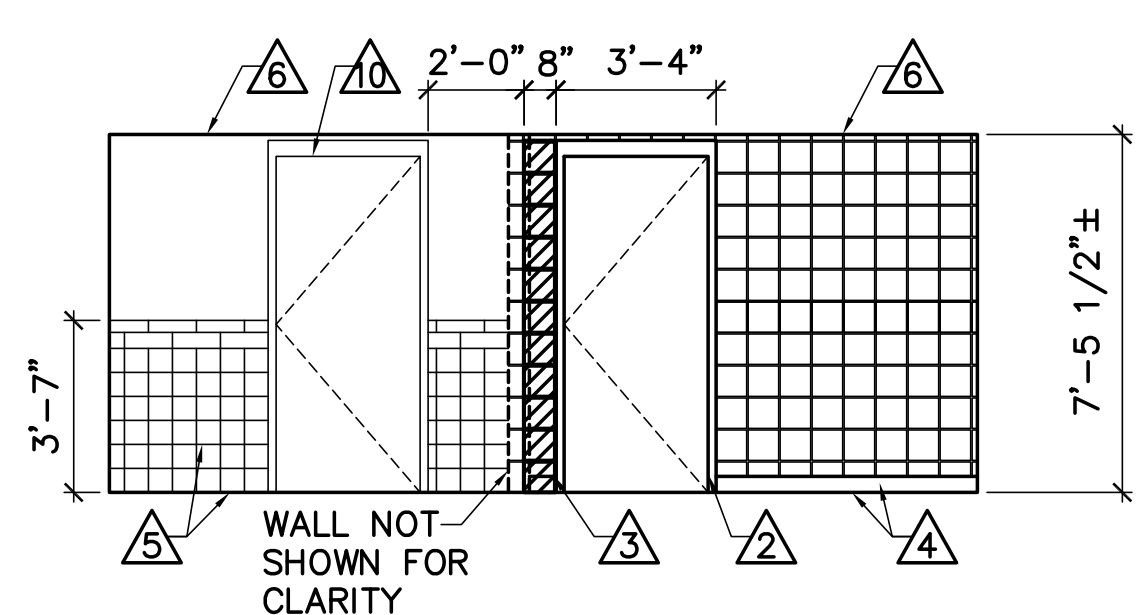
- ① PATCH AND PAINT AS REQUIRED.
- ② HOLLOW METAL FRAME, WOOD DOOR, AND DOOR HARDWARE. SEE DOOR SCHEDULE ON SHEET AE640.
- ③ METAL STUD AND GYPSUM BOARD INFILL.
- ④ VCT FLOORING AND RUBBER WALL BASE.
- ⑤ CERAMIC TILE FLOORING AND WAINSCOT. SEE INTERIOR ELEVATIONS FOR HEIGHT AND PATTERN OF CERAMIC WAINSCOT.
- ⑥ PATCH CEILING AS REQUIRED AND SKIM COAT TO PROVIDE SMOOTH FINISH, PAINT.
- △ FOOT BATH. REFER TO PLUMBING SHEETS.
- ⑧ RESILIENT TRANSITION STRIP.
- ⑨ INFILL CONCRETE SLAB AND PREPARE FOR SCHEDULED FLOORING.
- ⑩ PROVIDE DOOR HARDWARE AS SCHEDULED.
- ⑪ 1-1/2" DIA SCHEDULE 40 PIPE SET IN EXISTING CONCRETE SLAB.
- ⑫ STONE THRESHOLD.
- ⑬ PATCH EXISTING QUARRY TILE FLOOR TO MATCH EXISTING ADJACENT.
- ⑭ REINSTALL WALL MOUNTED FIRE EXTINGUISHER AND WOOD DROP BOX.
- ⑮ KNEE WALL. SEE DETAIL 4/AE640.

RESTROOM ACCESSORY SCHEDULE

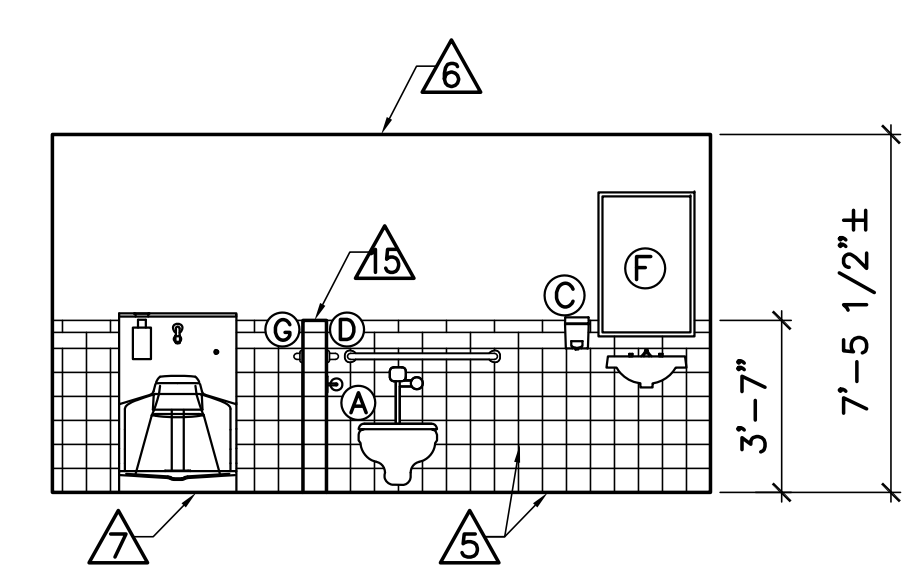
LTR	ITEM	COMMENTS
Ⓐ	TOILET TISSUE DISPENSER	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
Ⓑ	PAPER TOWEL DISPENSER	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
Ⓒ	SOAP DISPENSER	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
Ⓓ	1-1/4" Ø GRAB RAIL	PROVIDE (2)
Ⓔ	COAT HOOK	
Ⓕ	24" x 36" MIRROR	
Ⓖ	TOWEL BAR (18")	



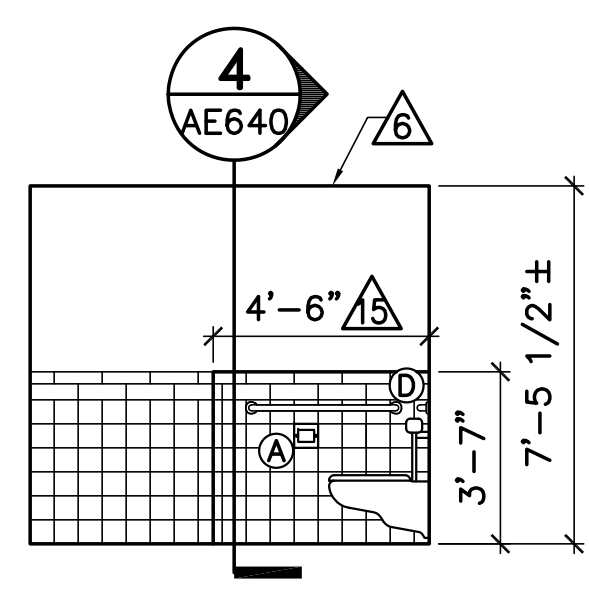
3 WALL REMOVALS ELEVATION
 AE101 SCALE: 1/4"=1'-0"



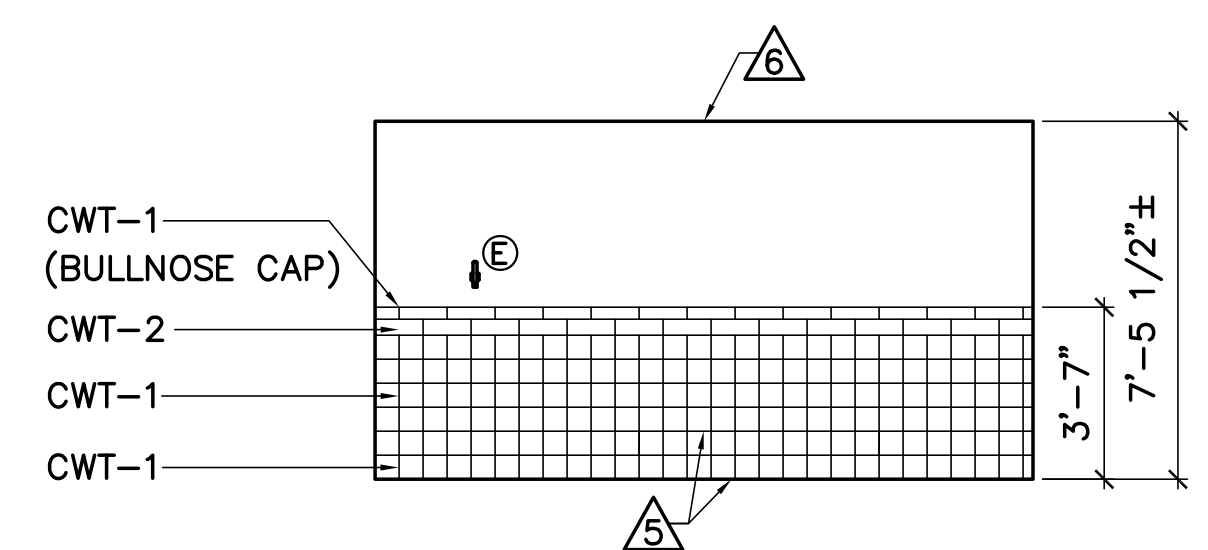
4 WALL INFILL ELEVATION
 AE101 SCALE: 1/4"=1'-0"



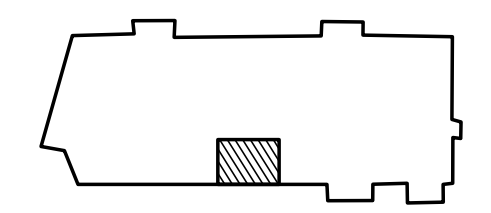
5 TOILET ROOM 141
 AE101 SCALE: 1/4"=1'-0"



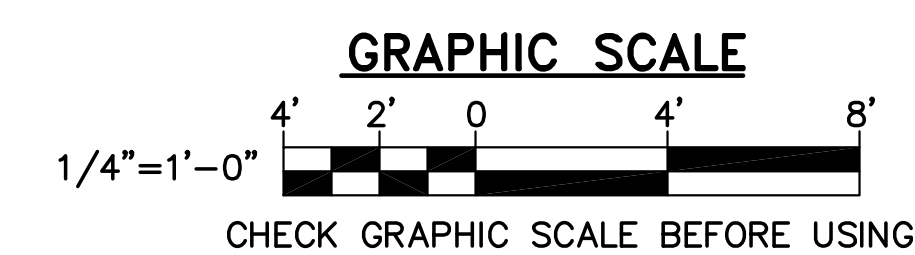
6 TOILET ROOM 141
 AE101 SCALE: 1/4"=1'-0"



7 TOILET ROOM 141
 AE101 SCALE: 1/4"=1'-0"



KEYPLAN
 NOT TO SCALE
 PLAN NORTH



ROOM FINISH SCHEDULE										
NO.	DESCRIPTION	FLOOR	BASE	WALLS				CEILING		NOTES
				NORTH	EAST	SOUTH	WEST	MATERIAL	HEIGHT	
FIRST FLOOR										
141	TOILET ROOM	CFT	CWT-1	CWT-1,2, P1	CWT-1,2, P1	CWT-1,2, P1	CWT-1,2, P1	EXIST GYP, P3	EXIST	A
144	STORAGE	VCT	RWB	P2	P2	P2	P2	EXIST GYP, P3	EXIST	-

COLOR KEY/MANUFACTURER GUIDE		
MATERIAL	MANUFACTURER MODEL/TYPE	COLOR & FINISH
WALLS		
P1	SHERWIN WILLIAMS	TO BE SELECTED
P2	SHERWIN WILLIAMS	TO BE SELECTED
CWT-1	DALTILE, CONTINENTAL SLATE, COLORBODY PORCELAIN (6X6)	EGYPTIAN BEIGE (FIELD)
CWT-2	DALTILE, CONTINENTAL SLATE, COLORBODY PORCELAIN (4X12)	CS72 (DECORATIVE BAND)
CWT-1	DALTILE, CONTINENTAL SLATE, COLORBODY PORCELAIN (3X12)	ENGLISH GREY (BULLNOSE CAP)
FLOORS		
CFT	DALTILE, CONTINENTAL SLATE, COLORBODY PORCELAIN (12X12)	EGYPTIAN BEIGE (FIELD)
VCT	TO BE SELECTED	TO BE SELECTED
BASE		
CWT-1	DALTILE, CONTINENTAL SLATE, COLORBODY PORCELAIN (6X6)	TO BE SELECTED
RWB	TO BE SELECTED	TO BE SELECTED
CEILING		
P3	SHERWIN WILLIAMS	WHITE
MISC		
METAL DOOR FRAMES	SHERWIN WILLIAMS	TO BE SELECTED

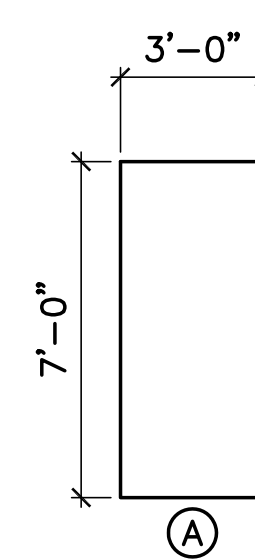
ROOM FINISH SCHEDULE LEGEND

CFT = CERAMIC FLOOR TILE
 CWT = CERAMIC WALL TILE
 EXIST = EXISTING CONDITIONS
 GYP = GYPSUM WALLBOARD
 P = PAINT
 RWB = RESILIENT WALL BASE
 VCT = VINYL COMPOSITION TILE

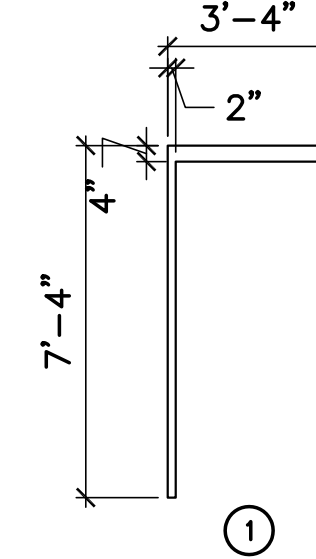
SCHEDULE NOTES

A. SEE INTERIOR ELEVATIONS ON SHEET AE101 FOR CERAMIC WALL TILE PATTERN, HEIGHT AND DIMENSIONS.

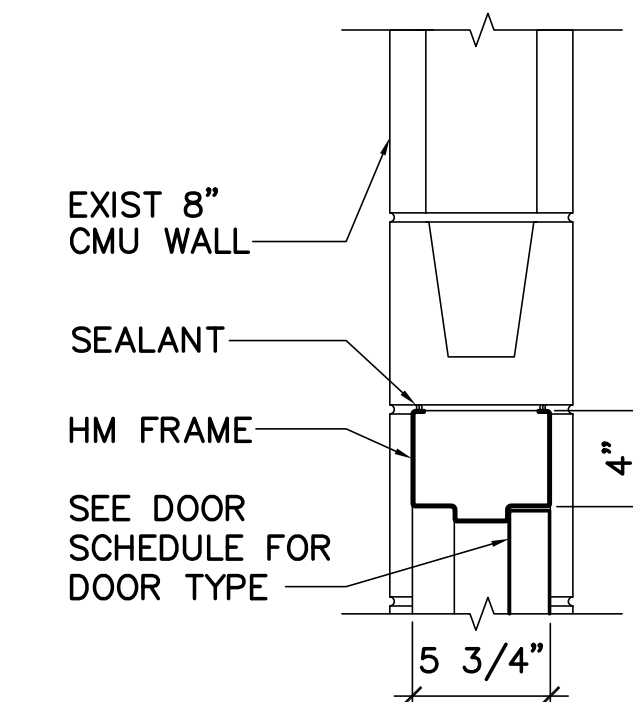
DOOR SCHEDULE													
NO.	SIZE	DOOR			HARDWARE SET	FRAME			DETAILS			FIRE RATING	NOTES
		TYPE	MAT	FINISH		TYPE	MAT	FINISH	HEAD	JAMB	SILL		
FIRST FLOOR													
141	EXIST	-	-	-	01	-	-	PNT	-	-	-	-	-
144	3'-0"x7'-0"x1-3/4"	A	WD	NAT	02	1	HM	PNT	1/AE640	2,3/AE640	-	-	-



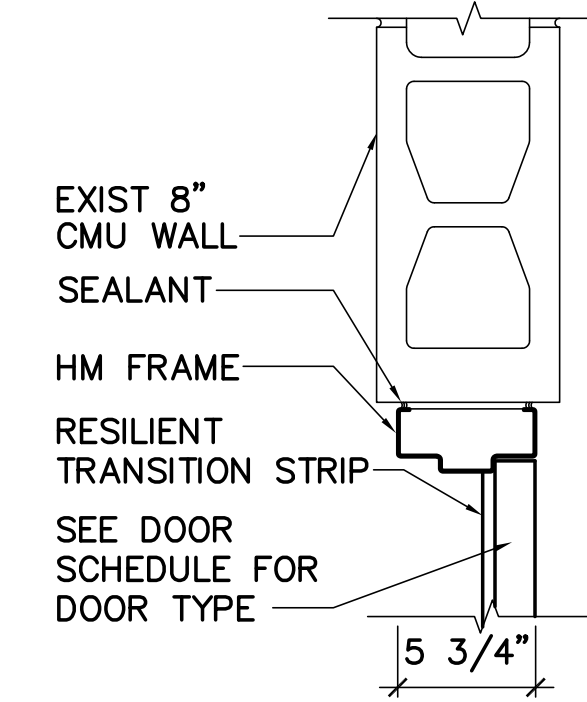
DOOR TYPES
SCALE: 1/4"=1'-0"



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

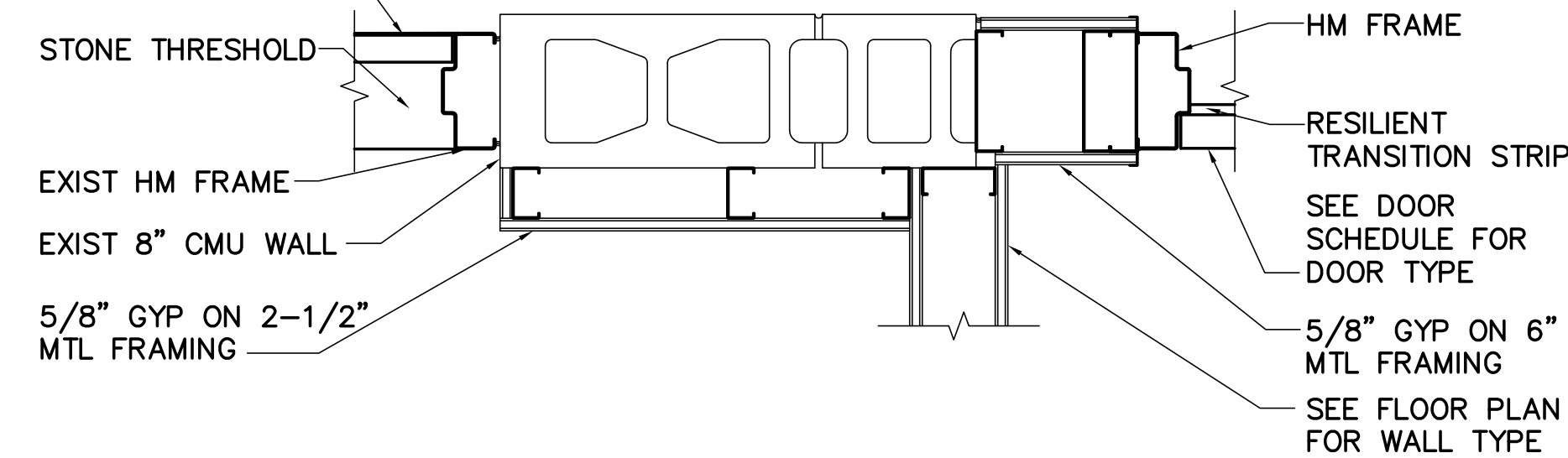


1 DOOR HEAD DETAIL
AE640 SCALE: 1-1/2"=1'-0"

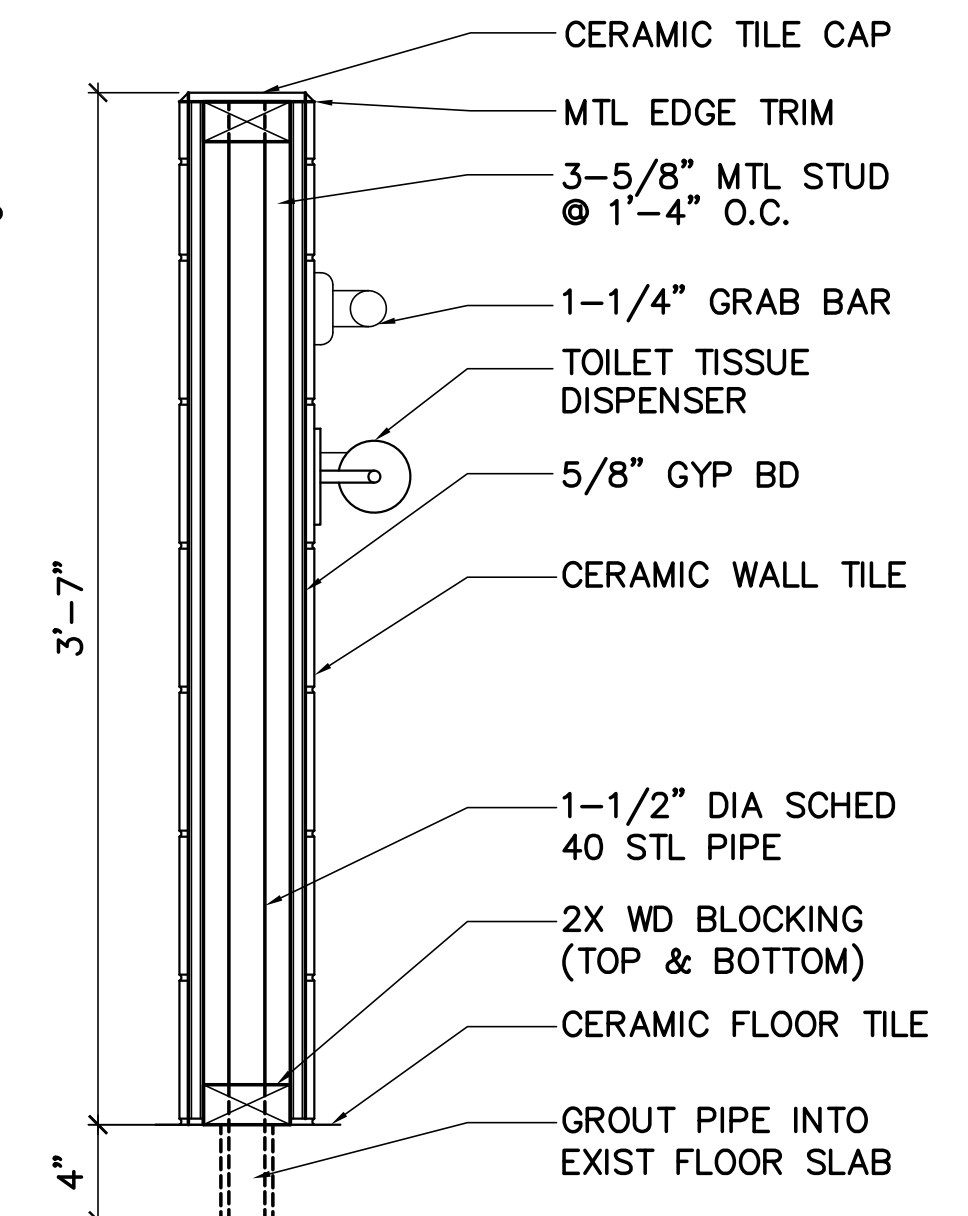


2 DOOR JAMB DETAIL
AE640 SCALE: 1-1/2"=1'-0"

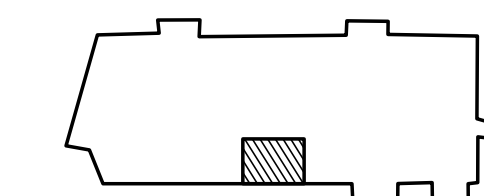
EXIST DOOR, SEE DOOR SCHEDULE FOR DOOR HARDWARE



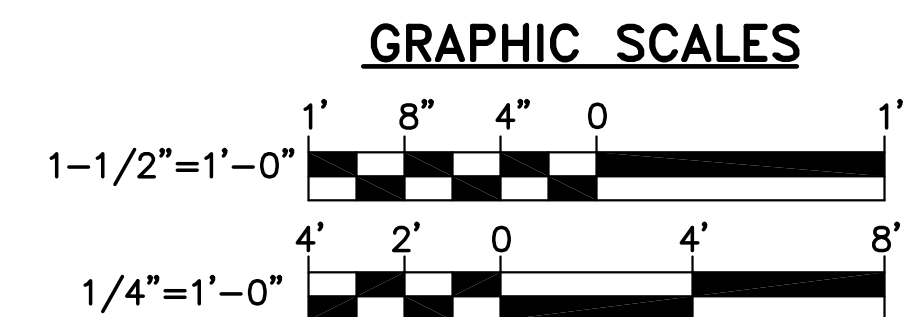
3 PLAN DETAIL
AE101 AE640 SCALE: 1-1/2"=1'-0"



4 SECTION @ KNEE WALL
AE101 AE640 SCALE: 1-1/2"=1'-0"
PROVIDE BLOCKING AT WALL MOUNTED ITEMS



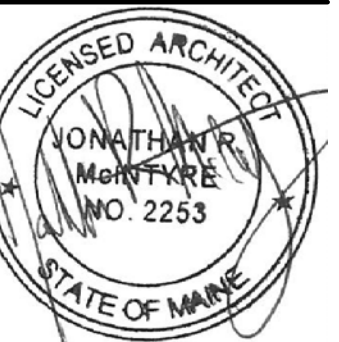
KEYPLAN
NOT TO SCALE
PLAN NORTH



CHECK GRAPHIC SCALE BEFORE USING



OAK POINT ASSOCIATES
 ARCHITECTURE ■ ENGINEERING ■ PLANNING
 85 Middle Street, Portsmouth, NH 03801 (T) 603.431.4849 (F) 603.431.1870
 www.oakpoint.com



DESIGNED BY: JMC
 DRAWN BY: CAM
 CHECKED BY: JMC
 PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE
 PORTLAND, MAINE

WOODBURY CAMPUS CENTER
 BATHROOM ADDITION
 Portland, Maine

FINISH SCHEDULE, DOOR SCHEDULE AND DETAILS

SCALE: AS NOTED
 DATE: 06-30-17

DWG.: AE640

SHEET: 5 OF 12

MECHANICAL SYMBOLS LEGEND

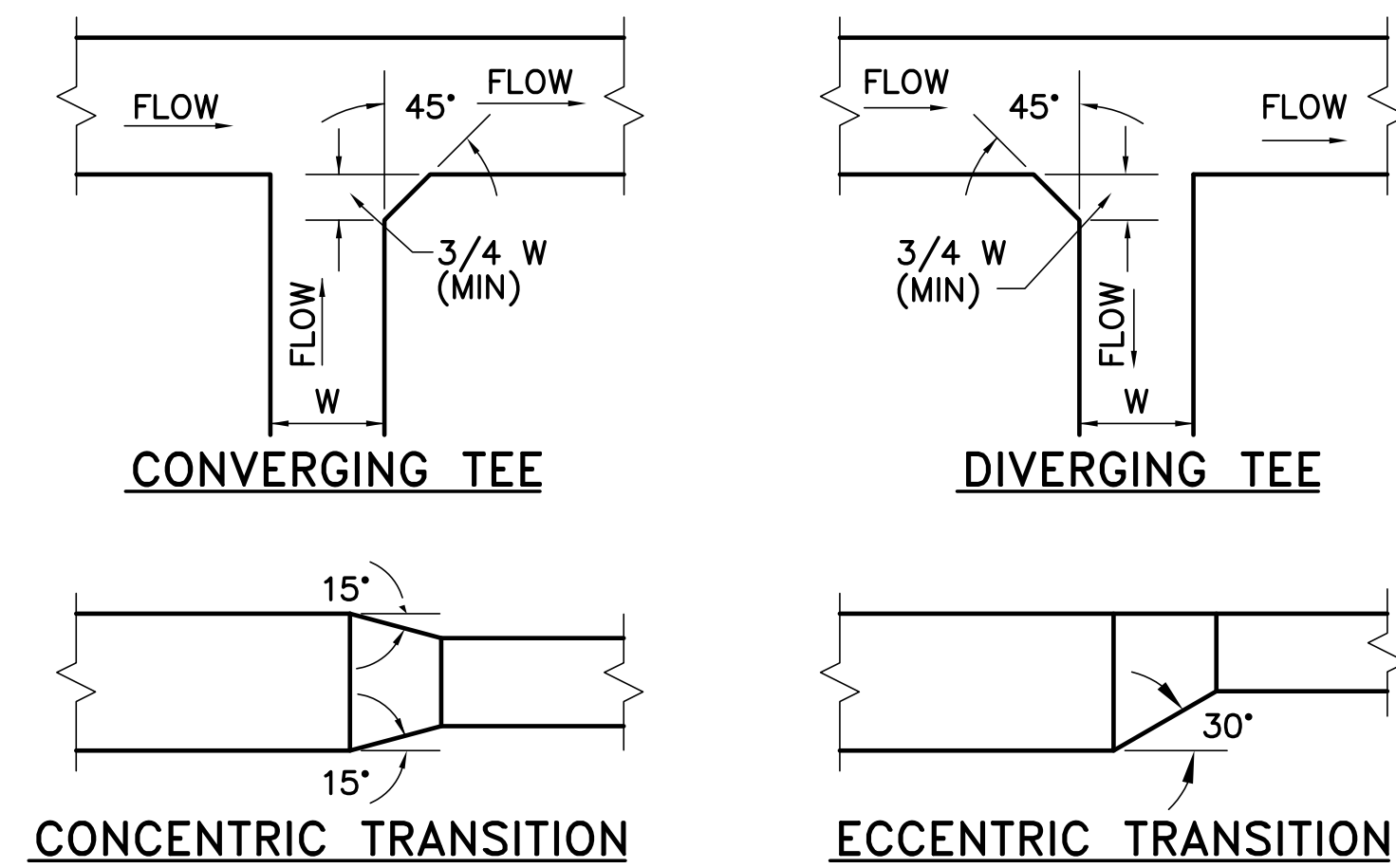
	SYMBOL PER ABBREVIATION LIST		SIDEWALL REGISTER/GRILLE
	EQUIPMENT SEQUENCE NUMBER		DUCT
	AIR INLET OR OUTLET WITH CFM		FLEXIBLE CONNECTION
	KEYNOTE		RETURN DUCT UP
	CONNECT TO EXISTING		EXHAUST DUCT UP
	RETURN GRILLE/REGISTER		SUPPLY DUCT UP
	SUPPLY DIFFUSER/REGISTER/GRILLE		SQUARE ELBOW WITH TURNING VANES
	EXHAUST GRILLE/REGISTER		FLEXIBLE DUCT
	DIRECTION OF AIR FLOW		
	MANUAL DAMPER		
	THERMOSTAT		

MECHANICAL ABBREVIATIONS

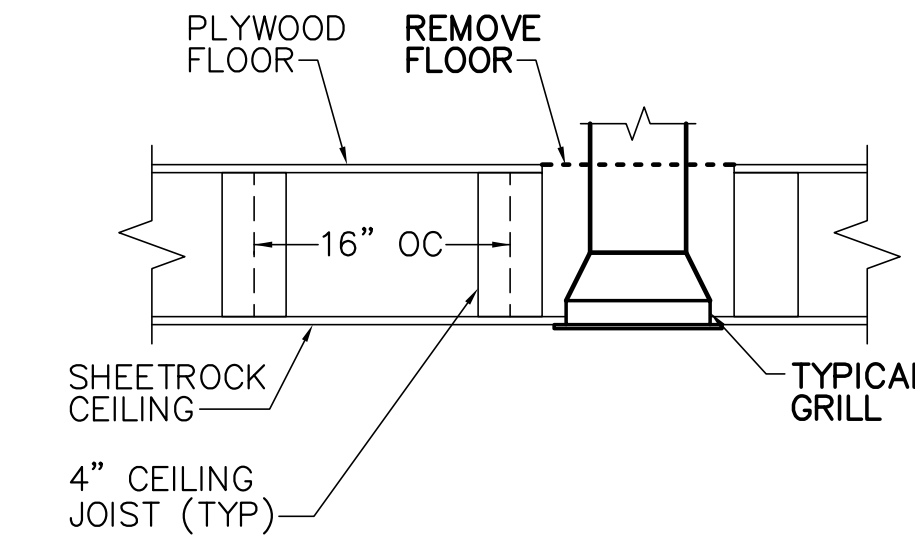
ADA	AMERICANS WITH DISABILITIES ACT	HR	HOUR
AHU	AIR HANDLING UNIT	HT	HEIGHT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HWR	HOT WATER RETURN
BHP	BRAKE HORSE POWER	HWS	HOT WATER SUPPLY
BLDG	BUILDING	IN	INCHES
BTU	BRITISH THERMAL UNIT	LF	LINEAR FEET
BTUH	BTU PER HOUR	LPC	LOW PRESSURE CONDENSATE
CFM	CUBIC FEET/MINUTE	LPS	LOW PRESSURE STEAM
CO	CLEANOUT, CARBON MONOXIDE	MAX	MAXIMUM
D	DEPTH, DAMPER	MBH	1000 BTU PER HOUR
DB	DRY BULB	MECH	MECHANICAL
dB	DECIBELS	MFR	MANUFACTURER
DDC	DIRECT DIGITAL CONTROLS	MIN	MINIMUM
,DEG	DEGREES	MTG	MOUNTING
Ø,DIA	DIAMETER	NO	NUMBER, NORMALLY OPEN
DN	DOWN	OC	ON CENTER
DWG	DRAWING	OED	OPEN ENDED DUCT
EA	EXHAUST AIR, EACH	P	PUMP, PITCH OR PRESSURE
EF	EXHAUST FAN	RM	ROOM
ESP	EXTERNAL STATIC PRESSURE	RPM	REVOLUTIONS PER MINUTE
E,EXIST	EXISTING	SIM	SIMILAR
F	DEGREES FAHRENHEIT	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
FC	FLEX CONNECTOR, FAN COIL	SP	SPRINKLER HEAD
FLR	FLOOR	T	THERMOSTAT, TRANSFER
FR	FINTUBE RADIATION	TEMP	TEMPERATURE
FT	FOOT/FEET	TYP	TYPICAL
GPM	GALLONS PER MINUTE	V	VENT, VALVE, VOLTS
HTG	HEATING	W	WIDTH, WATTS
HGT	HEIGHT	WC	WATER COLUMN
HP	HORSEPOWER		

MECHANICAL LINE TYPE LEGEND

-----	REMOVE ITEMS	-----	LPS	-----	LOW PRESSURE STEAM
-----	EXIST ITEMS TO REMAIN	-----	LPC	-----	LOW PRESSURE CONDENSATE
-----	PROVIDE ITEMS	-----	HWS	-----	HOT WATER SUPPLY
-----	CONTROL WIRING	-----	HWR	-----	HOT WATER RETURN



1 RECTANGULAR DUCT TRANSITIONS DETAIL
M-001 NOT TO SCALE



2 TYPICAL GRILLE DIFFUSER DETAIL
M-001 NOT TO SCALE

FAN SCHEDULE													
UNIT NO	SERVES	CFM	ESP IN WC	DRIVE TYPE	FAN TYPE	FAN RPM	SONES	HP	BHP	VOLTS/PHASE	BASIS OF DESIGN	ACCESSORIES	NOTES
EF-1	BATHROOMS 139, 140, 141	565	0.20	DIRECT	CENTRIFUGAL ROOF	1725	9.3	1/2	0.07	115/1	GREENHECK G-085 VARI-GREEN	-	-

NOTES:
1.
ACCESSORIES:
A. SPRING LOADED BACKDRAFT DAMPER. D. SOUND ABSORBING INSULATION.
B. MFR FAN MOUNTED DISCONNECT SWITCH. E. NEOPRENE VIBRATION ISOLATORS.
C. FAN SPEED CONTROLLER. F. TIME DELAY SWITCH.

DIFFUSER / REGISTER SCHEDULE									
UNIT NO	SERVES	FACE SIZE IN	NECK SIZE IN	MAX PRESSURE DROP IN WC	MAX NOISE CRITERIA	CFM	TYPE	BASIS OF DESIGN	NOTES
S-1	141 TOILET	8x6	6ø	0.2	25	90	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1,2
S-2	144 STORAGE	14x10	14x10	0.2	25	300	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1,2
R-1	144 STORAGE	14x10	14x10	0.2	25	290	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1
E-1	141 TOILET	8x6	6ø	0.2	25	100	SURFACE MOUNT, LOUVERED FACE	PRICE 620 D	1

NOTES: 1. PROVIDE WITH INTEGRAL OPPOSED-BLADE DAMPER. 2. SINGLE DEFLECTION, DIRECTION SHOWN ON DRAWING.



DESIGNED BY: AJK
DRAWN BY: RDA
CHECKED BY: MSA
PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE
PORTLAND, MAINE
Woodbury Campus Center
35 Bedford Street
Portland, ME 04101
T (207) 780-4160

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Portland, Maine

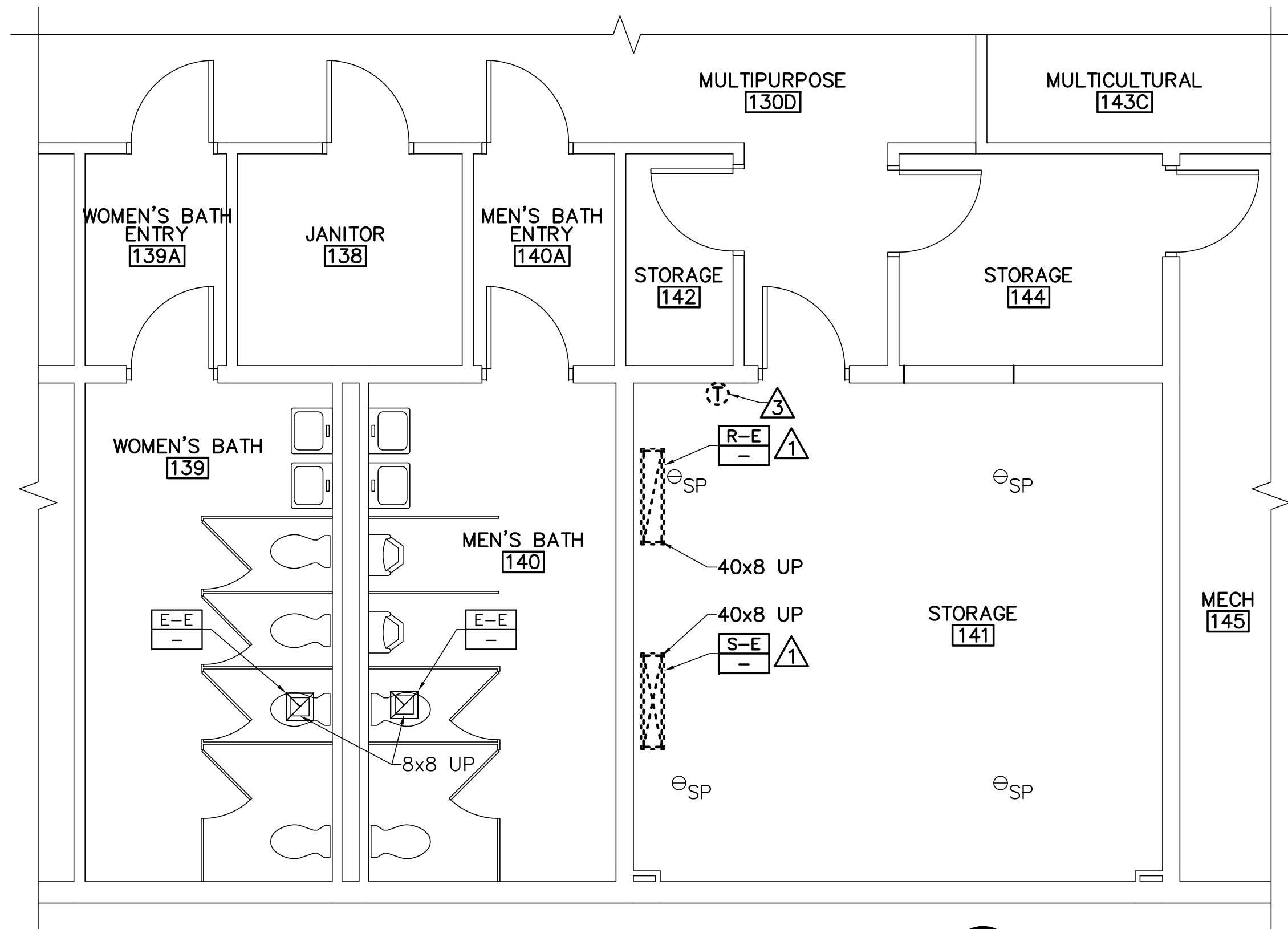
MECHANICAL LEGENDS, ABBREVIATIONS, SCHEDULES AND DETAILS

SCALE: AS NOTED

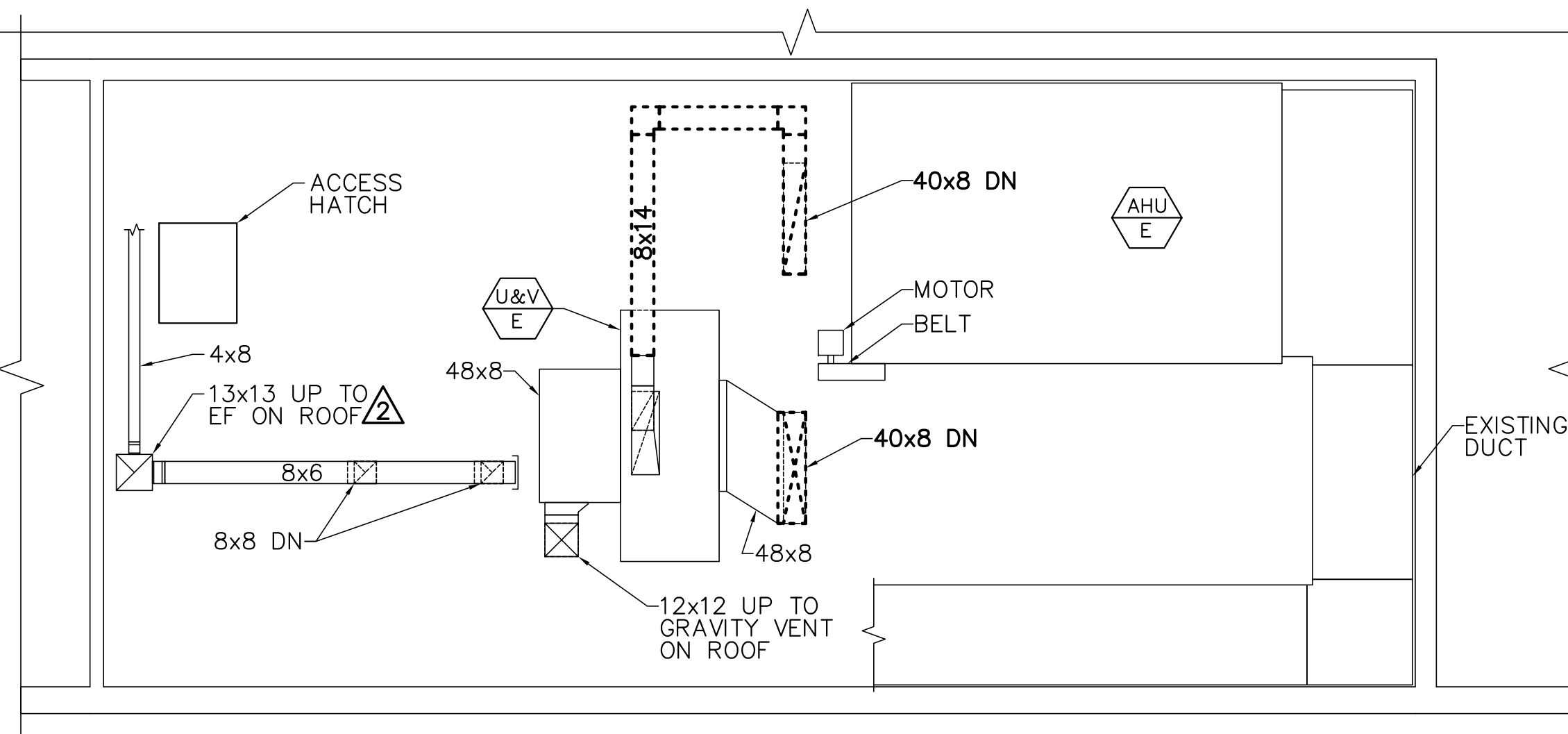
DATE: 06-30-17

DWG.: M-001

SHEET: 6 OF 12



1 MECHANICAL REMOVALS PART PLAN
 MD101 SCALE: 1/4"=1'-0"  PLAN NORTH



2 MECHANICAL ROOM REMOVALS PART PLAN
 MD101 SCALE: 1/4"=1'-0"  PLAN NORTH

DRAWING KEYNOTES

- 1 REMOVE GRILLE AND ASSOCIATED DUCT. PATCH HOLE IN CEILING AND IN FLOOR ABOVE.
- 2 REMOVE EXHAUST FAN ON ROOF. TEMPORARILY CAP AND SEAL FOR INSTALLATION. REFER TO 2/M-101.
- 3 TEMPORARILY REMOVE THERMOSTAT, SALVAGE FOR REINSTALLATION.



DESIGNED BY: AJK
 DRAWN BY: KLG
 CHECKED BY: MSA
 PROJECT: 21702.09

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 PORTLAND, MAINE**
 Woodbury Campus Center
 35 Bedford Street
 Portland, ME 04101
 T (207) 780-4160

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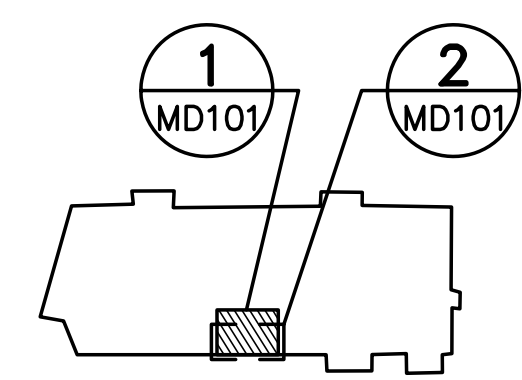
MECHANICAL REMOVALS PART PLANS


SCALE: AS NOTED

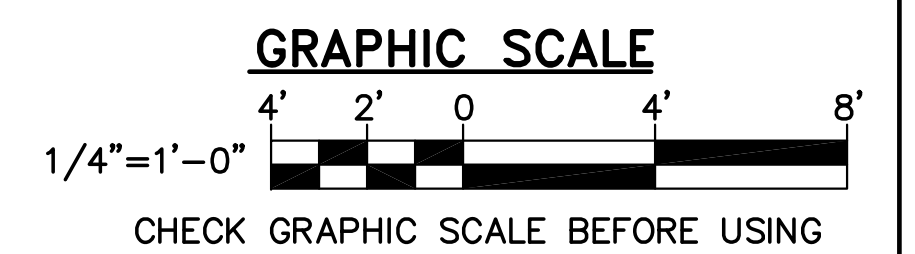
DATE: 06-30-17

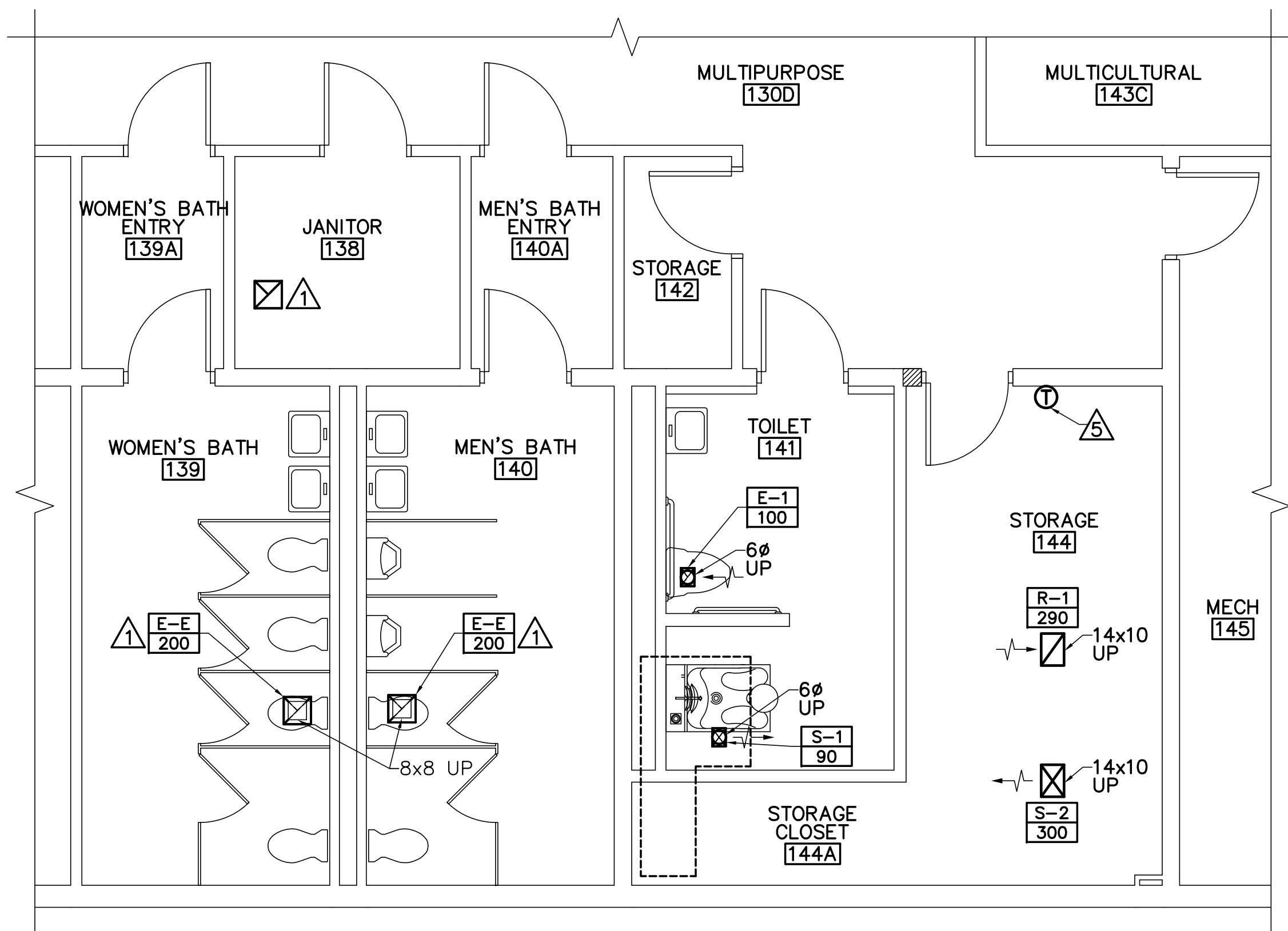
DWG.: MD101

SHEET: 7 OF 12

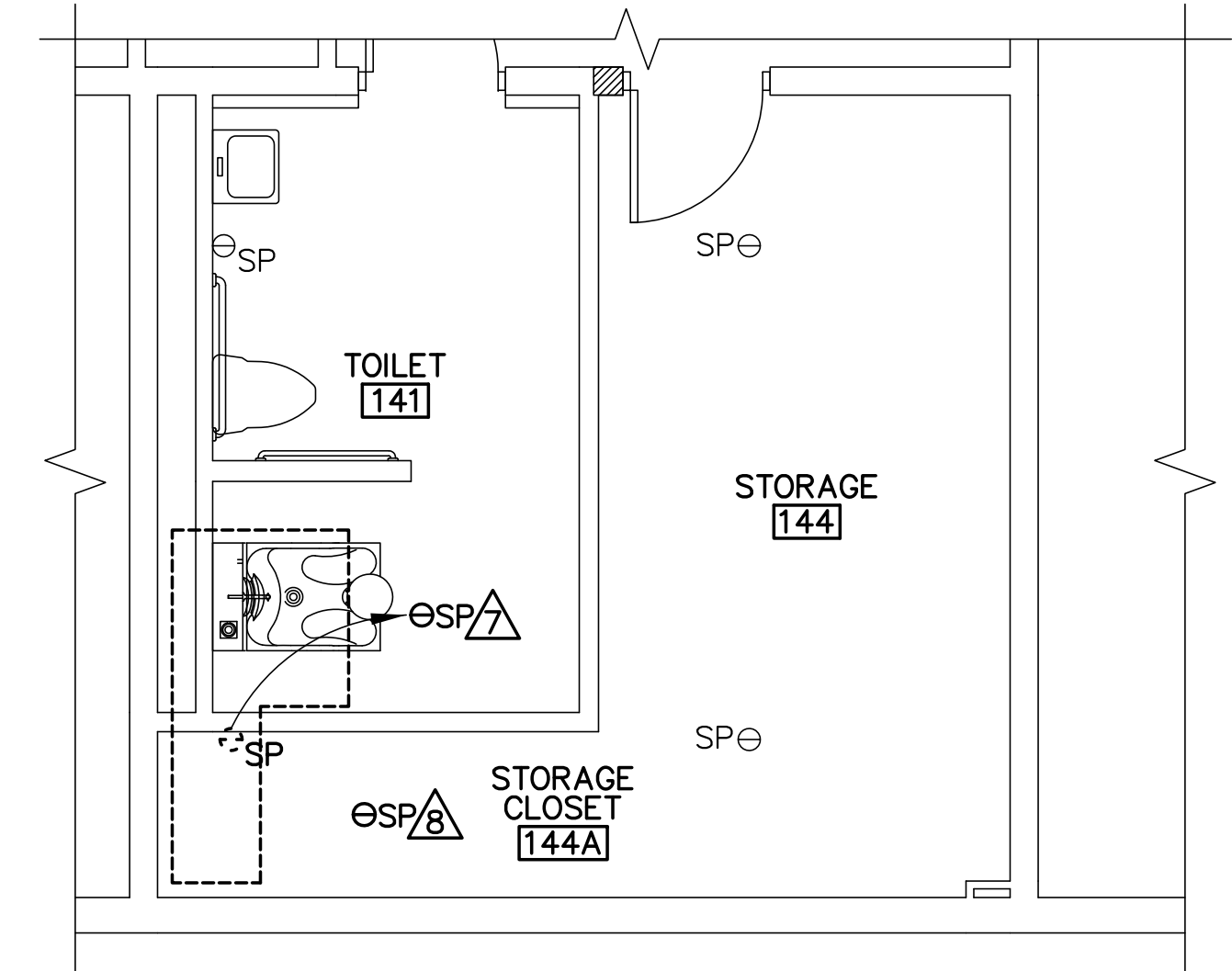


KEYPLAN  NOT TO SCALE PLAN NORTH

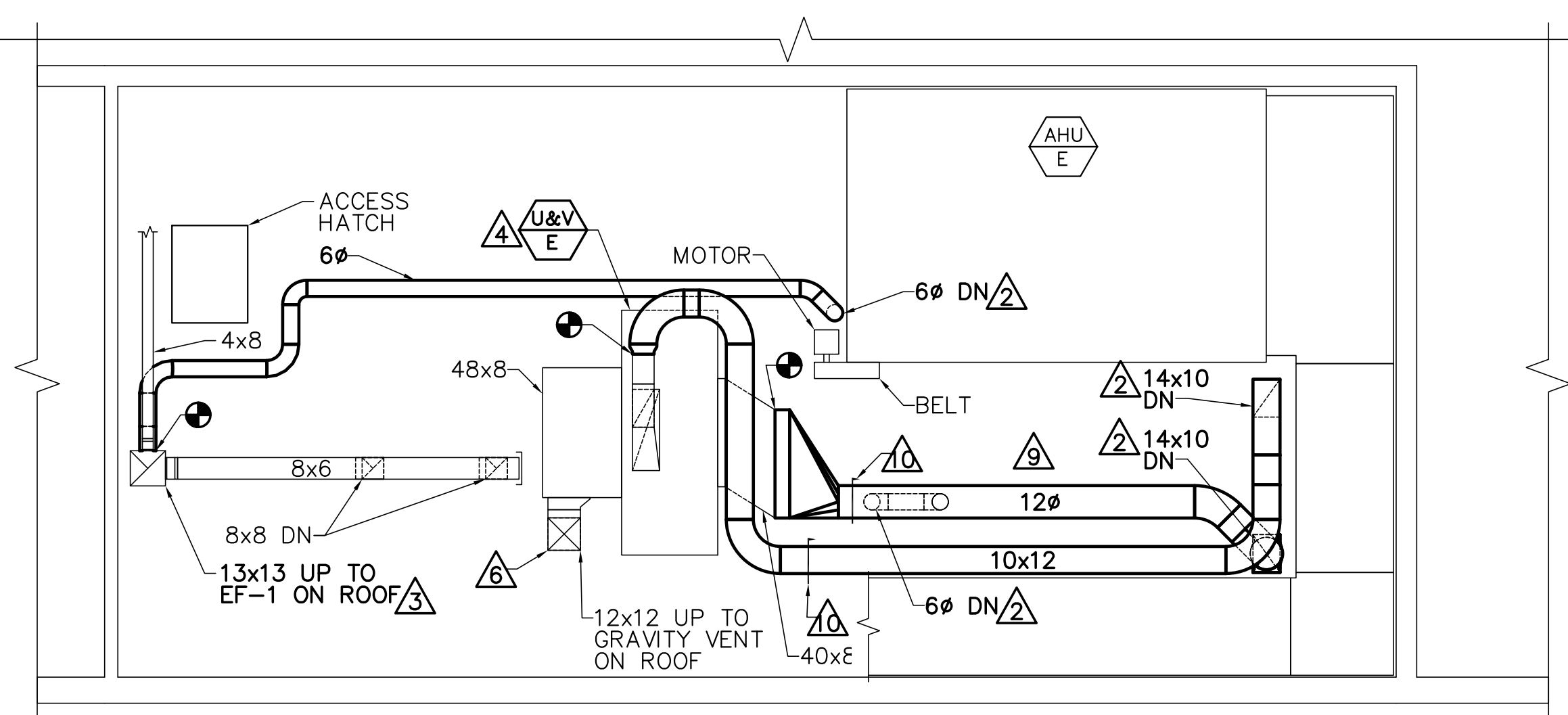




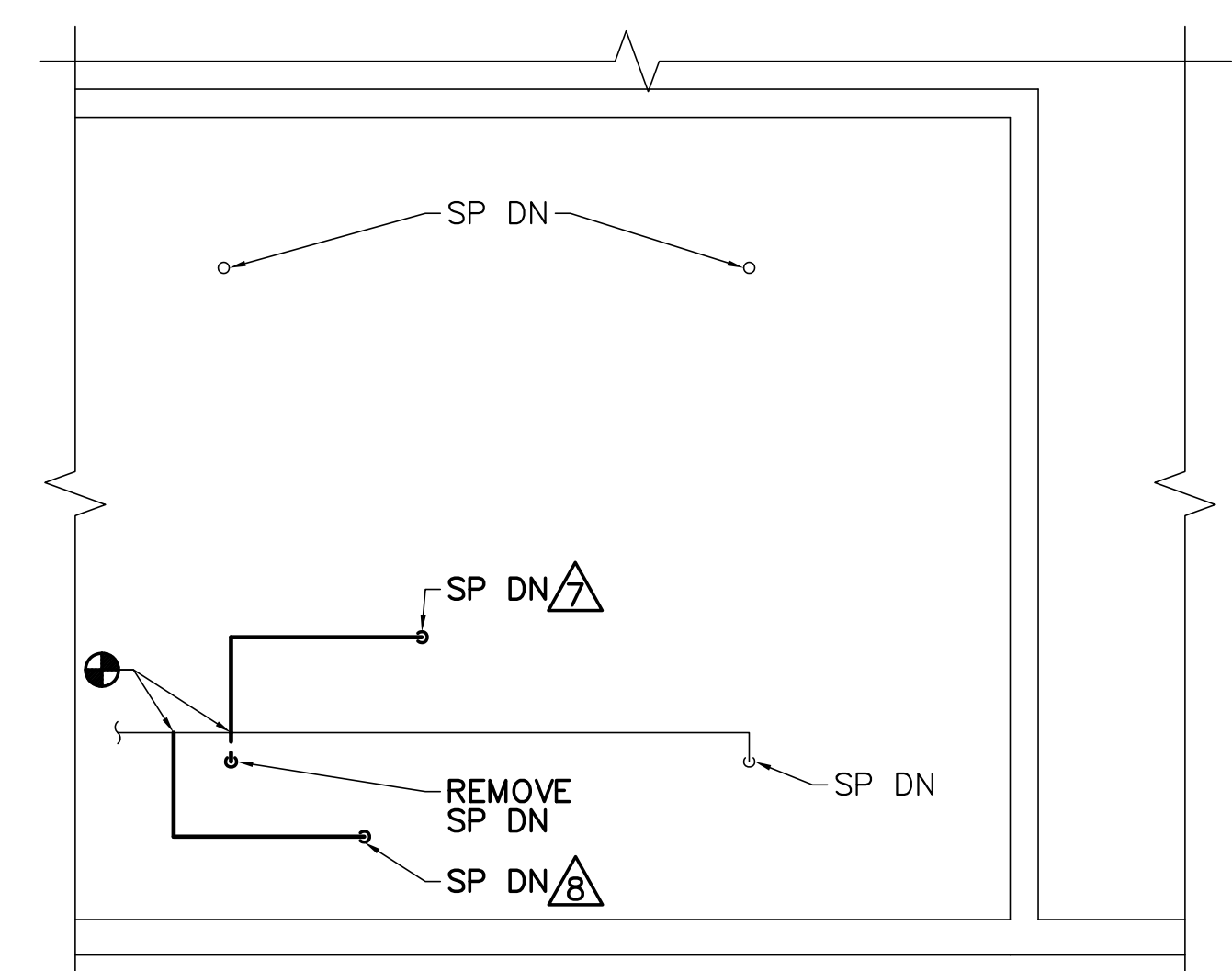
1 MECHANICAL PART PLAN
 M-101 SCALE: 1/4"=1'-0"
 PLAN NORTH



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



3 MECHANICAL ROOM PART PLAN
 M-101 SCALE: 1/4"=1'-0"
 PLAN NORTH



4 MECHANICAL ROOM SPRINKLER PART PLAN
 M-101 SCALE: 1/4"=1'-0"
 PLAN NORTH

DRAWING KEYNOTES

- 1 BALANCE EXISTING EXHAUST GRILLE TO SPECIFIED CFM.
- 2 COORDINATE DROP LOCATION BETWEEN FLOOR JOISTS, 16" OC.
- 3 INSTALL EF-1 ON ROOF ABOVE TO REPLACE EXISTING EF. CONNECT TO EXISTING CONTROLS.
- 4 REBALANCE EXISTING U&V-2.
- 5 REINSTALL EXISTING THERMOSTAT. EXTEND WIRING AS REQUIRED.
- 6 REBALANCE EXISTING OUTSIDE AIR CONNECTION TO 100 CFM.
- 7 RELOCATE SPRINKLER HEAD AS SHOWN.
- 8 PROVIDE SPRINKLER HEAD, MATCH EXISTING.
- 9 INSTALL DUCT OFF FLOOR TO AVOID SERVICE CLEARANCE OF AHU.
- 10 PROVIDE VOLUME DAMPER TO INCREASE STATIC PRESSURE OF SYSTEM TO BRING TOTAL CFM DOWN.

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 85 Middle Street, Portsmouth, NH 03801 (T) 603.431.4649 (F) 603.431.1070
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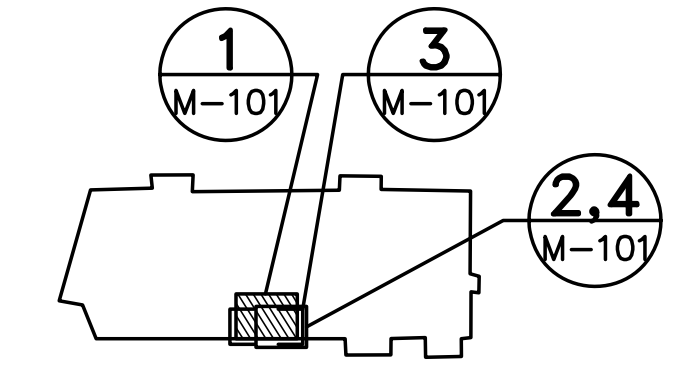


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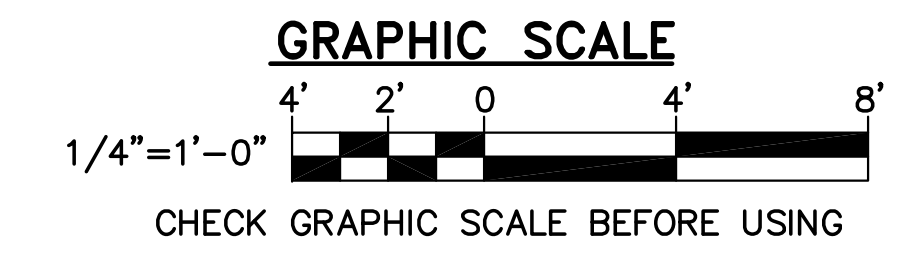
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 Woodbury Campus Center
 35 Bedford Street
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 T (207) 780-4160

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MECHANICAL AND SPRINKLER PART PLANS



KEYPLAN
 NOT TO SCALE
 PLAN NORTH



SCALE: AS NOTED

DATE: 06-30-17

DWG.: M-101

SHEET: 8 OF 12

PLUMBING SYMBOLS LEGEND

- FLOOR MOUNTED WATER CLOSET WITH FLUSH VALVE
- URINAL
- COUNTERTOP LAVATORY
- WALL HUNG LAVATORY
- SYMBOL PER ABBREVIATION LIST
- EQUIPMENT SEQUENCE NUMBER
- KEY NOTE
- CONNECT TO EXISTING
- ELBOW DOWN
- PIPE TEE UP OR UP AND DOWN
- ELBOW UP OR UP AND DOWN
- PIPE TEE DOWN
- STRAINER
- BALL VALVE
- BUTTERFLY VALVE
- GATE VALVE
- FLOOR DRAIN
- WALL CLEANOUT
- FLOOR CLEANOUT
- PRESSURE GAUGE AND COCK
- UNION
- CHECK VALVE, SWING
- CAP
- P-TRAP
- WATER HAMMER ARRESTOR
- PRESSURE RELIEF VALVE
- FOOT WASH

PLUMBING ABBREVIATIONS

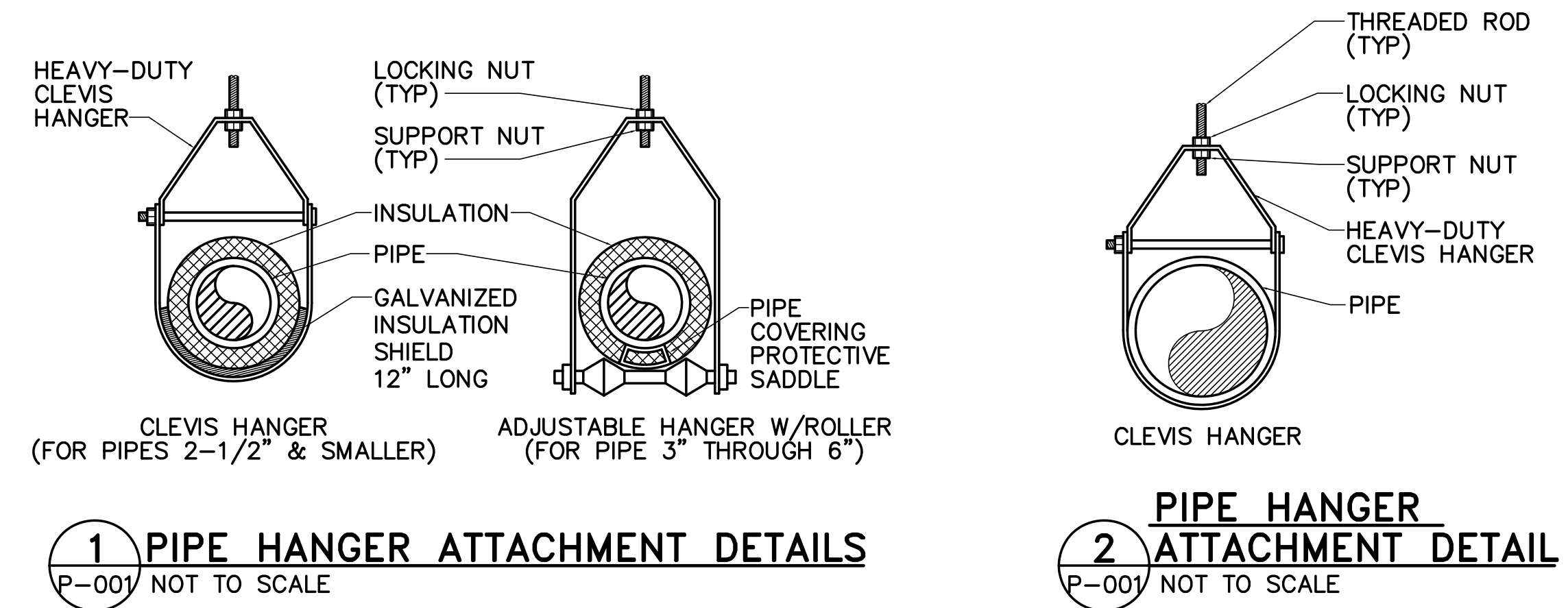
- | | |
|------|---------------------------------|
| ADA | AMERICANS WITH DISABILITIES ACT |
| BG | BELOW GRADE |
| CO | CLEANOUT |
| CW | COLD WATER |
| DN | DOWN |
| EW | ELECTRIC WATER HEATER |
| F | DEGREES FAHRENHEIT |
| FCO | FLOOR CLEANOUT |
| FD | FLOOR DRAIN |
| FW | FOOT WASH |
| GPH | GALLONS PER HOUR |
| HW | HOT WATER |
| KW | KILOWATT |
| L | LAVATORY |
| MECH | MECHANICAL |
| NO | NUMBER |
| SAN | SANITARY |
| SH | SHOWER |
| TEMP | TEMPERATURE |
| TMV | THERMOSTATIC MIXING VALVE |
| TYP | TYPICAL |
| V | VENT |
| VTR | VENT TO ROOF |
| W | WASTE |
| W/ | WITH |
| WC | WATER CLOSET |
| WCO | WALL CLEANOUT |
| WHA | WATER HAMMER ARRESTOR |

PLUMBING LINE TYPE LEGEND

- REMOVE ITEMS
- _____ EXIST ITEMS TO REMAIN
- _____ PROVIDE ITEMS
- SAN— SANITARY SEWER
- - -SAN- - - SANITARY SEWER BELOW FLOOR OR GRADE
- VENT
- DOMESTIC COLD WATER
- DOMESTIC HOT WATER

GENERAL NOTES

1. PLUMBING INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE MAINE STATE INTERNAL PLUMBING CODE, CURRENT EDITION.
2. INSTALL SANITARY DRAINAGE PIPING ABOVE AND BELOW SLAB IN ACCORDANCE WITH THE MAINE STATE INTERNAL PLUMBING CODE. PIPING INVERTS INDICATED ON THE DRAWINGS ARE BASED UPON A PITCH OF 1/4" PER FOOT FOR BUILDING SANITARY MAIN PIPING 3" AND SMALLER AND 1/8" PER FOOT FOR BUILDING SANITARY MAIN PIPING 4" AND LARGER.
3. PROVIDE PIPE SLEEVES AT SLAB PENETRATIONS, BOTH ON GRADE AND ABOVE GRADE. SEAL ANNULAR SPACE BETWEEN PIPE AND SLEEVE.
4. SEAL ALL PIPE PENETRATIONS AND OPENINGS.
5. NOTE ON BASIS OF DESIGN: PRODUCTS OF OTHER MANUFACTURERS ARE ACCEPTABLE IF THEY MEET THE OPERATIONAL REQUIREMENTS INDICATED. ANY ADJUSTMENTS TO PIPING, WIRING OR CONFIGURATION DUE TO THE SELECTION OF A MANUFACTURER OTHER THAN THAT LISTED AS THE BASIS OF DESIGN WILL BE ACCOMPLISHED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE GOVERNMENT.



1 PIPE HANGER ATTACHMENT DETAILS
P-001 NOT TO SCALE

2 PIPE HANGER ATTACHMENT DETAIL
P-001 NOT TO SCALE

PLUMBING FIXTURE ROUGH-IN SCHEDULE

UNIT NO	DESCRIPTION	WASTE	VENT	HW	CW	REMARKS	NOTES
WC-1	WATER CLOSET	4"	2"	-	1"	WALL HUNG, ADA	
L-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	WALL HUNG, ADA	
FW-1	FOOTWASH	2"	1-1/2"	1/2"	1/2"	FLOOR MOUNTED FOOT BATH, ADA	1

NOTE: 1. BASIS OF DESIGN WUDU MATE-M. PROVIDE ADA UNIT, SANITARY GRADE ACRYLIC WITH SEAT, SOAP DISPENSER AND HIDDEN SOAP RESERVOIR AND END PANELS. COLOR, WHITE. INCLUDE 1/4-TURN ON/OFF MECHANISM AND UNIT-MOUNTED TAP WITH THERMOSTATIC MIXING VALVE.



DESIGNED BY: AJK
DRAWN BY: RDA
CHECKED BY: MSA
PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE
PORTLAND, MAINE
Woodbury Campus Center
35 Beclford Street
Portland, ME 04101
T (207) 780-4160

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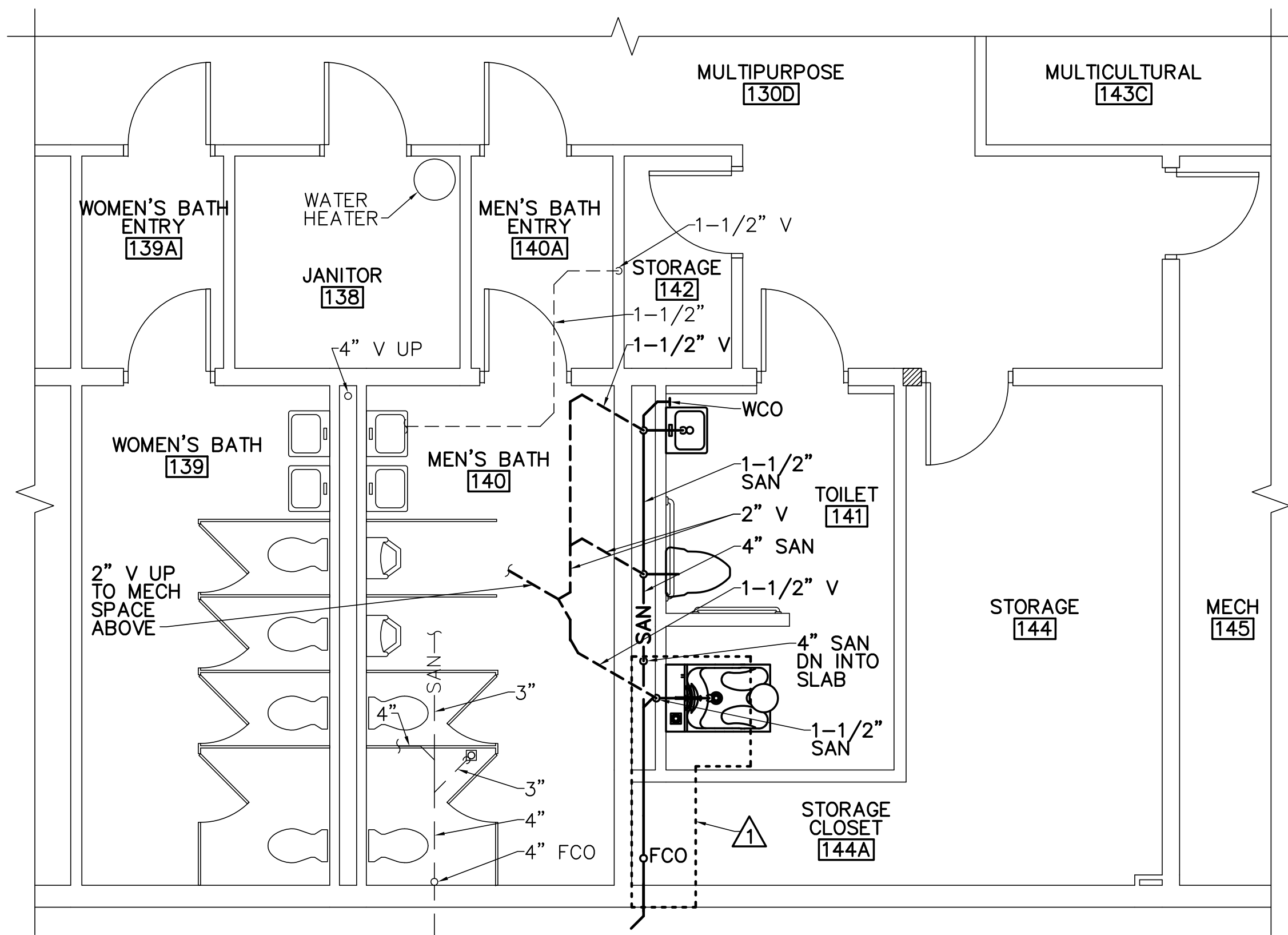
PLUMBING LEGENDS, ABBREVIATIONS, GENERAL NOTES, AND DETAILS

SCALE: AS NOTED

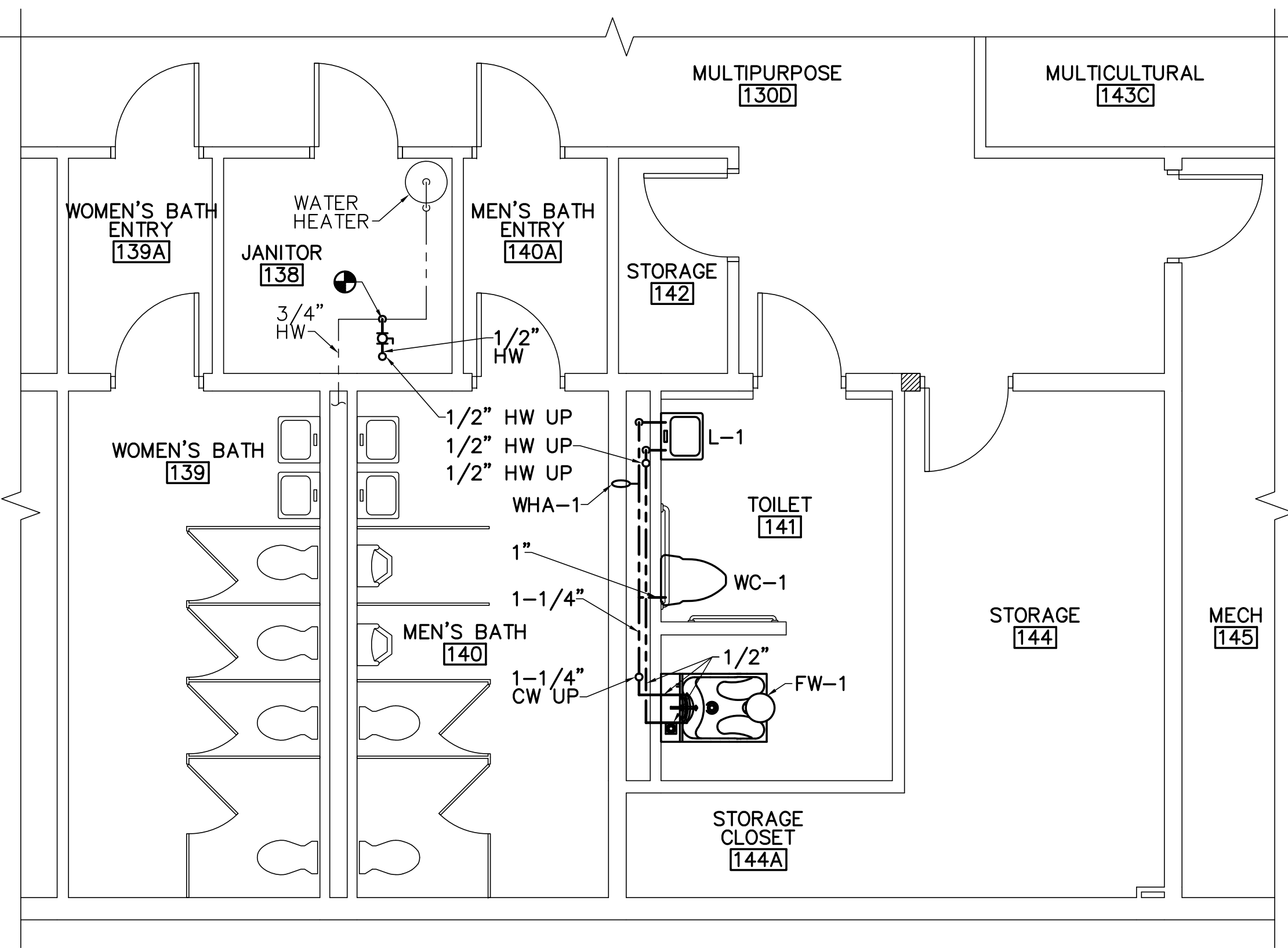
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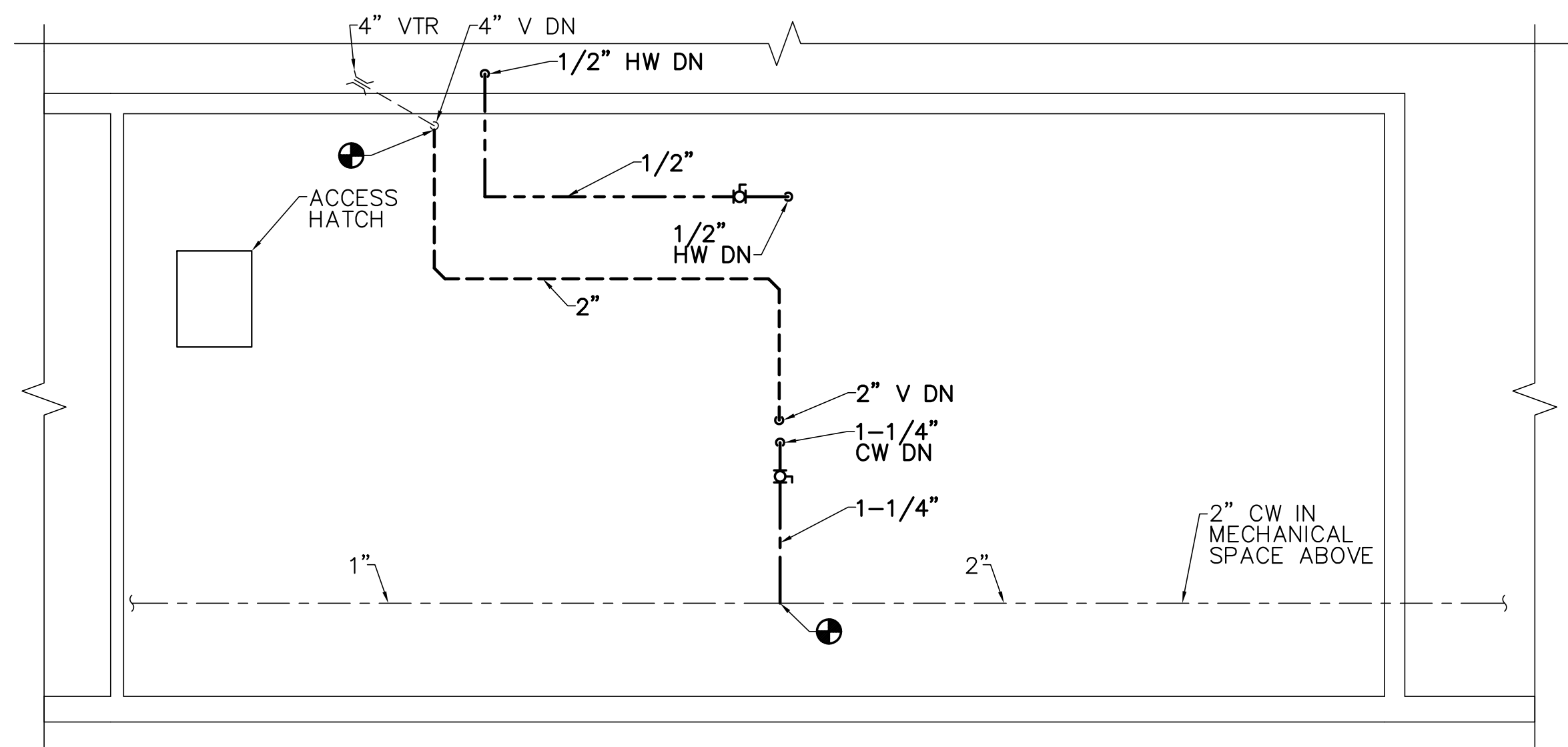
SHEET: 9 OF 12



1 SANITARY PART PLAN
 P-101 SCALE: 1/4"=1'-0"
 PLAN NORTH

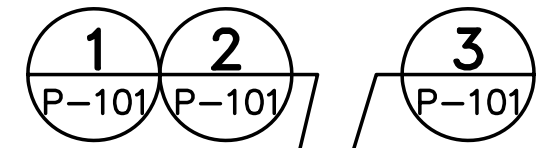


2 WATER SUPPLY PART PLAN
 P-101 SCALE: 1/4"=1'-0"
 PLAN NORTH

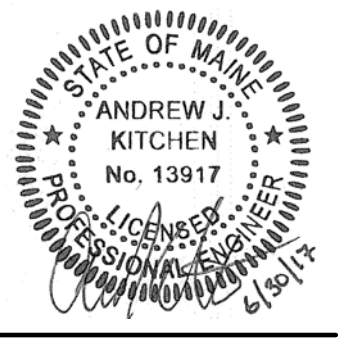
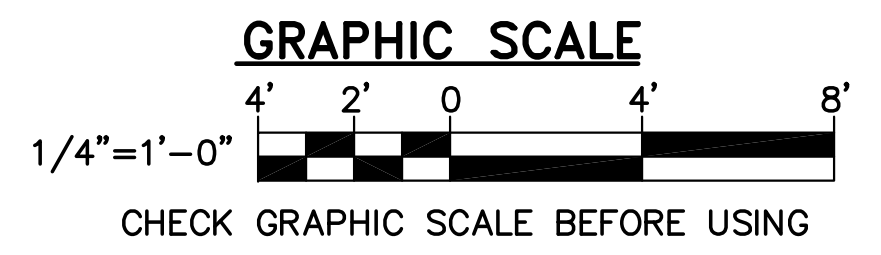


3 MECHANICAL ROOM PART PLAN
 P-101 SCALE: 1/4"=1'-0"
 PLAN NORTH

- DRAWING KEYNOTES**
- ▲ COORDINATE SAW CUT OF SLAB WITH ARCHITECTURAL AND CIVIL DRAWINGS.
 - △ COORDINATE OUTDOOR SANITARY PIPE WITH CS101.



KEYPLAN
 NOT TO SCALE
 PLAN NORTH



DESIGNED BY: AJK
 DRAWN BY: KLG
 CHECKED BY: MSA
 PROJECT: 21702.09

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 PORTLAND, MAINE
 Woodbury Campus Center
 35 Bedford Street
 Portland, ME 04101
 T (207) 780-4160

WOODBURY CAMPUS CENTER
 BATHROOM ADDITION
 Portland, Maine

PLUMBING
 PART
 PLANS

SCALE: AS NOTED
 DATE: 06-30-17

DWG.: P-101

SHEET: 10 OF 12

ELECTRICAL SYMBOLS

- LIGHTING**
- S_D 120/277V, 20A DIMMER SWITCH,
 - S_P 120/277V, 20A PILOT LIGHT SWITCH, SPECIFICATION GRADE
 - LED LIGHT FIXTURES
 - LED DOWNLIGHT
 - EMERGENCY LIGHT, BATTERY POWERED TWO LAMPS
 - OCCUPANCY SENSOR
W = WALL SWITCH TYPE, WITH DIMMING AND PHOTOCCELL. BASIS OF DESIGN IS HUBBELL LIGHTHAWK 2 LHD-IRS-3-N-WH
 - ILLUMINATED EXIT SIGN, LED TYPE SINGLE FACE OR DOUBLE FACE, ARROW INDICATES DIRECTION OF FLOW FOR THE FACE

- RECEPTACLES**
- DUPLEX RECEPTACLE, 120V, 20A, SPECIFICATION GRADE, NEMA 5-20 R
 - DUPLEX RECEPTACLE, 120V, 20A SPECIFICATION GRADE, NEMA 5-20 R SUBSCRIPT "G" INDICATES GROUND FAULT INTERRUPT

- LINE TYPE LEGEND**
- REMOVE EXISTING ITEMS
 - EXIST ITEMS TO REMAIN
 - PROVIDE ITEMS
 - S REMOVE SWITCH (REMOVALS DRAWINGS)
 - S PROVIDE SWITCH (INSTALLATION DRAWINGS)
 - S EXISTING SWITCH TO REMAIN

- GENERAL**
- MOTOR
 - NON-FUSED DISCONNECT SWITCH
 - FUSED DISCONNECT SWITCH WP INDICATES WEATHERPROOF.
 - COMBINATION MAGNETIC STARTER
 - JUNCTION BOX
 - A-1 BRANCH CIRCUIT HOMERUN, A-1 INDICATES PANEL DESIGNATION AND CIRCUIT NUMBER
 - EXISTING PANELBOARD
 - FIRE ALARM STROBE
 - FIRE ALARM CONTROL PANEL
 - HORN/STROBE

ELECTRICAL ABBREVIATIONS

- A, AMP AMPERE
- A3P AMPERES, 3-POLE
- AC ALTERNATING CURRENT
- AFF ABOVE FINISHED FLOOR
- AIC AMPERE INTERRUPTING CAPACITY
- AVG AVERAGE
- AWG AMERICAN WIRE GAUGE
- BKR BREAKER
- C CONDUCTOR, CONDUIT
- CAT CATALOG, CATEGORY
- CB CIRCUIT BREAKER
- CKT CIRCUIT
- CU COPPER
- DWG DRAWING
- EMT ELECTRICAL METALLIC TUBING
- FACP FIRE ALARM CONTROL PANEL
- G GROUND; GROUND FAULT CIRCUIT INTERRUPTER
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- HP HORSEPOWER
- HVAC HEATING, VENTILATION, AND AIR CONDITIONING
- KCMIL KILO-CIRCULAR MILS
- KVA KILO-VOLT-AMPERE
- KW KILO-WATT
- LED LIGHT EMITTING DIODE
- LTG LIGHTING
- M MOTOR LOAD TYPE FOR PANEL SCHEDULE
- MAX MAXIMUM
- MCB MAIN CIRCUIT BREAKER
- MIN MINIMUM
- MLO MAIN LUG ONLY
- N NEUTRAL
- NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- NFPA NATIONAL FIRE PROTECTION ASSOCIATION
- NIC NOT IN CONTRACT
- NO, # NUMBER
- OCC OCCUPANCY
- Ø PHASE
- P POLE
- P/O PART OF
- R RECEPTACLE LOAD TYPE FOR PANEL SCHEDULE
- REC RECEPTACLE
- RGS RIGID GALVANIZED STEEL
- RM ROOM
- RMC RIGID METAL CONDUIT
- SPDT SINGLE POLE, DOUBLE THROW
- SQ SQUARE
- SW SWITCH
- THHN HEAT RESISTANT THERMOPLASTIC WIRE WITH NYLON JACKET
- THWN MOISTURE & HEAT RESISTANT THERMOPLASTIC WIRE WITH NYLON JACKET
- TMGB TELECOM MAIN GROUND BUSBAR
- TYP TYPICAL
- UE UNDERGROUND ELECTRIC
- UL UNDERWRITERS LABORATORIES
- V VOLT
- VA VOLT AMPERE
- VFC VARIABLE FREQUENCY CONTROLLER
- W WATT, WIRE
- W/ WITH
- WP WEATHERPROOF

ELECTRICAL GENERAL NOTES

1. ELECTRICAL INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENTLY ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), NFPA, AND STATE AND LOCAL CODES.
2. WORK SHALL BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, AND MECHANICAL TRADES.
3. ELECTRICAL EQUIPMENT AND WIRING SHALL BE NEW AND UL LISTED UNLESS OTHERWISE NOTED.
4. LIGHT FIXTURES AND OTHER CEILING MOUNTED ELECTRICAL EQUIPMENT SHALL BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, AND MECHANICAL WORK TO AVOID INTERFERENCE.
5. A SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH INDIVIDUAL CIRCUIT. METAL CONDUIT SHALL BE GROUNDED BUT SHALL NOT BE USED AS THE EQUIPMENT GROUNDING CONDUCTOR.
6. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE OWNER'S REPRESENTATIVE.
7. CONDUITS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE.
8. CONDUIT SHALL BE MINIMUM 1/2" UNLESS OTHERWISE NOTED.
9. A SEPARATE NEUTRAL CONDUCTOR SHALL BE PROVIDED FOR EACH INDIVIDUAL 120V CIRCUIT.

SQUARE D 44-89237-10 **REVISED PANELBOARD SCHEDULE A (EXISTING PANELBOARD)**

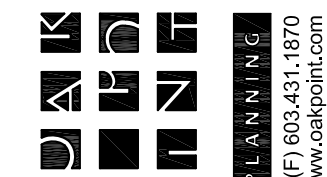
CKT NO	AMPS PER PHASE			DESCRIPTION	LOAD TYPE	CKT BKR		CKT BKR		LOAD TYPE	DESCRIPTION	AMPS PER PHASE			CKT NO		
	A	B	C			TRIP	POLE	TRIP	POLE			A	B	C			
1				EF-1, EF-D	-	20	1	20	1	-	RM 031, 033, 034 & LOFT LTS				2		
3				EF-12, EF-B	-	20	1	20	1	-	RM 030, 032 & EF-A				4		
5				EF-12	-	20	1	20	1	-	RM 001				6		
7				EF-12	-	20	1	20	1	-	RM 001				8		
9				CUH-1	-	20	1	20	1	-	RM 035				10		
11				UV-2	-	20	1	20	1	-	RM 035				12		
13				TOILET	-	20	1	20	1	-	RM 038 EWH				14		
15				RM 035	-	20	1	20	1	-	4-PADDLE FANS				16		
17				RM 035	-	20	1	20	1	-	EWG				18		
19				RM 035	-	20	1	20	1	R	RECEPTACLE RM 144	1.5			20		
21				RM 035	-	20	1	20	1	R	RECEPTACLE RM 141		3		22		
23				RM 035	-	20	1	20	1	-	RM 030, 034, 040 & 043				24		
25				VENDING 003	-	20	1	20	1	-	RM 042, 043 & VENDING				26		
27				VENDING 003	-	20	1	20	1	-	RM 030, 040				28		
29				VENDING 003	-	20	1	20	1	-	RM 043				30		
31				VENDING 003	-	20	1	20	1	-	RM 030, STOMP VENDING				32		
33				RM 030	-	20	1	20	1	-	FA PANEL				34		
35				RM 032	-	20	1	20	1	-	TELEPHONE REC				36		
37				RM 031	-	20	1	20	1	-	EF-11, RM 420				38		
39				RM 034	-	20	1	20	1	-	-				40		
41				CHEMICAL DISPOSAL-JAN	-	20	1	20	1	-	LIGHTS RM 141 & 144				42		
TOTAL/PHASE				VOLTS: 120/208, 3 PHASE, 4 WIRE							DESIGNATION: A						
				MCB: <input type="checkbox"/>							LOCATION: RM 138						
				MLO: <input checked="" type="checkbox"/>							MOUNTING: SURFACE						
				FAULT AMPS:							BUS AMPS: 225						

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	SOURCE	LUMENS	VOLTS	W/VA	MOUNTING	NOTES	MANUFACTURER	CATALOG NUMBER
F1	RECESSED 12"x24"	LED	2756	120	23	RECESSED	1,2	COLUMBIA	LCAT12-35LWG-R-EDU-FK12
F2	WALL MOUNT 4"x48"	LED	2079	120	28.4	WALL MOUNT	1,2	FINELITE	S17-LWED-ACF-SF-4'-H-8-35-120-SC
F3	RECESSED 2"	LED	900	120	17	RECESSED	1,2	PRESCOLITE	D2LED-2D9LED9L35K8-WFL4S
F4	SURFACE ROUND 5"	LED	679	120	12.7	SURFACE	1	PRESCOLITE	LBS-5LEDA6L-30K-9WH

FIXTURE SCHEDULE NOTES:

1. LIGHTING FIXTURES SHOWN IN LIGHTING FIXTURE SCHEDULE ARE TO INDICATE QUALITY, PERFORMANCE, STYLE AND APPEARANCE. EQUIVALENT FIXTURES FROM ALTERNATE MANUFACTURERS WILL BE RECEIVED DURING SUBMITTAL PROCESS.
2. FIXTURES SHALL BE DIMMABLE.



OAK POINT ASSOCIATES

ARCHITECTURE ■ ENGINEERING ■ PLANNING
85 Middle Street, Portsmouth, NH 03801 (T) 603.431.4849 (F) 603.431.1870
www.oakpoint.com



DESIGNED BY: KAO
DRAWN BY: RSW
CHECKED BY: KAO
PROJECT: 21702.09

UNIVERSITY OF SOUTHERN MAINE
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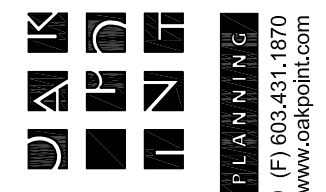
ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES

SCALE: AS NOTED

DATE: 06-30-17

DWG: **E-001**

SHEET: 11 OF 12



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PARTIAL ELECTRICAL PLANS

SCALE: AS NOTED
 DATE: 06-30-17

DWG.: E-101

SHEET: 12 OF 12

GENERAL SHEET NOTES

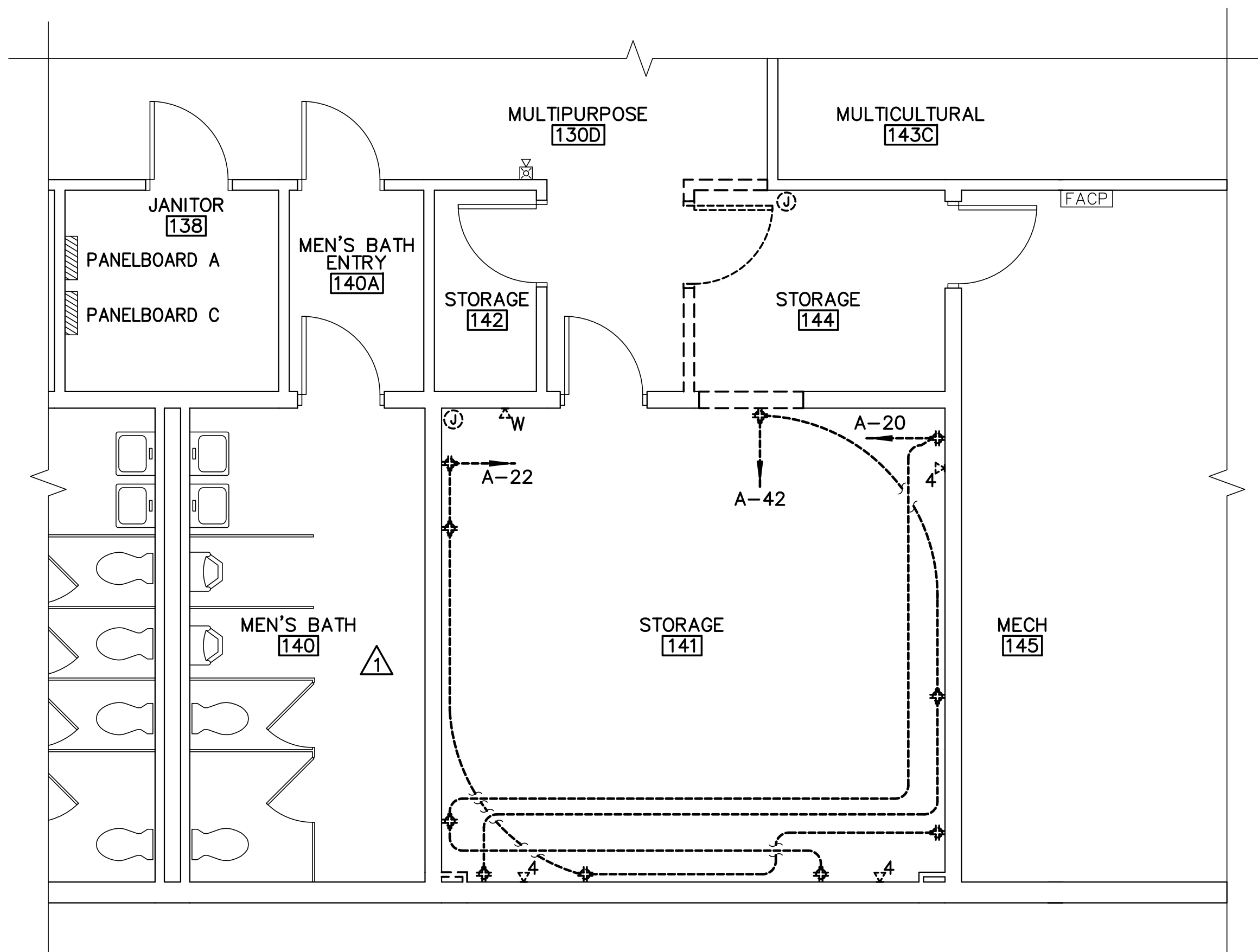
- REFER TO SHEET E-001 FOR LIGHTING FIXTURE SCHEDULE AND PANELBOARD SCHEDULE.

REMOVALS KEYNOTE

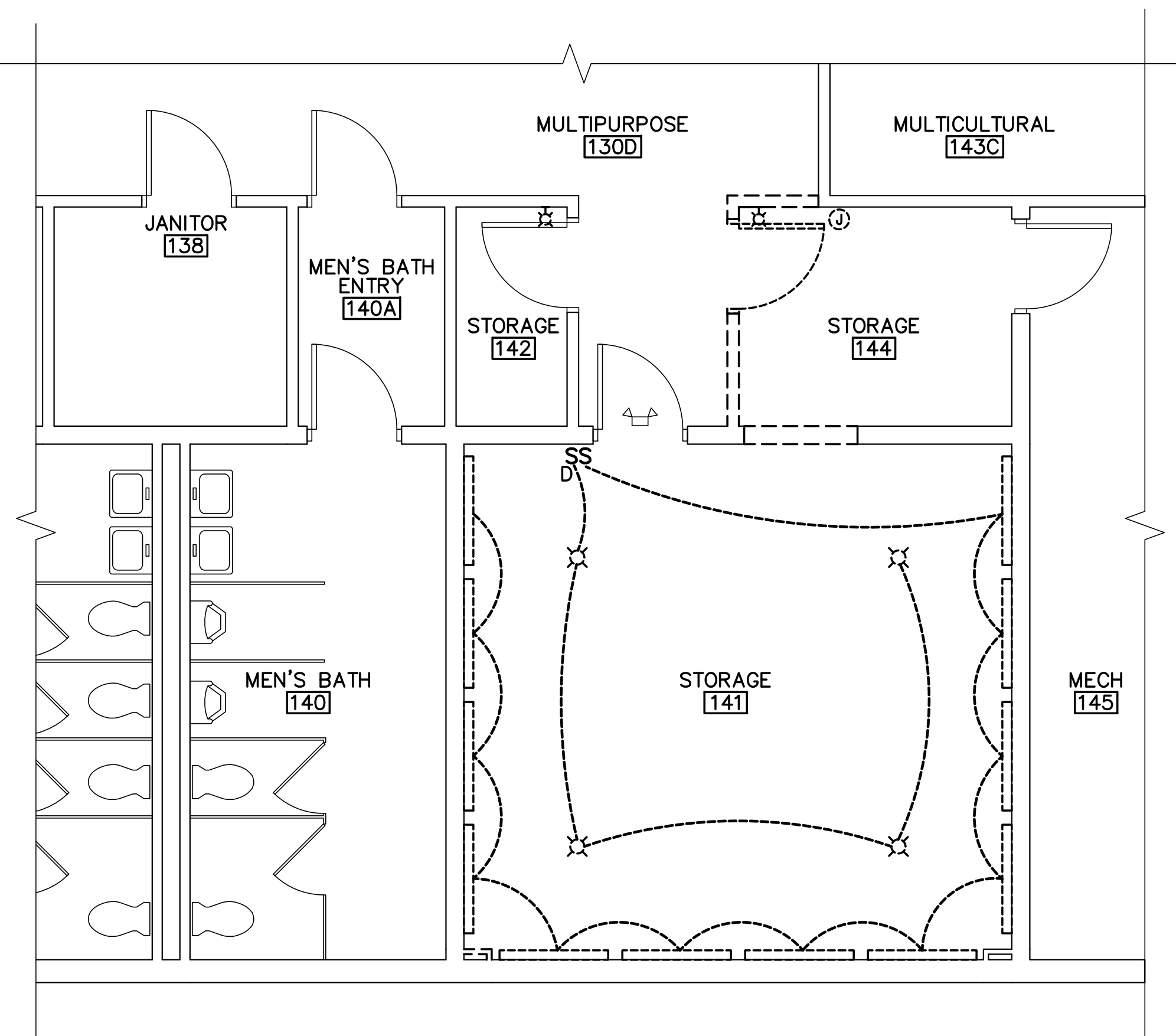
- DISCONNECT FAN ON ROOF, PROTECT WIRING AND CONDUIT FOR RE-USE.

INSTALLATION KEYNOTES

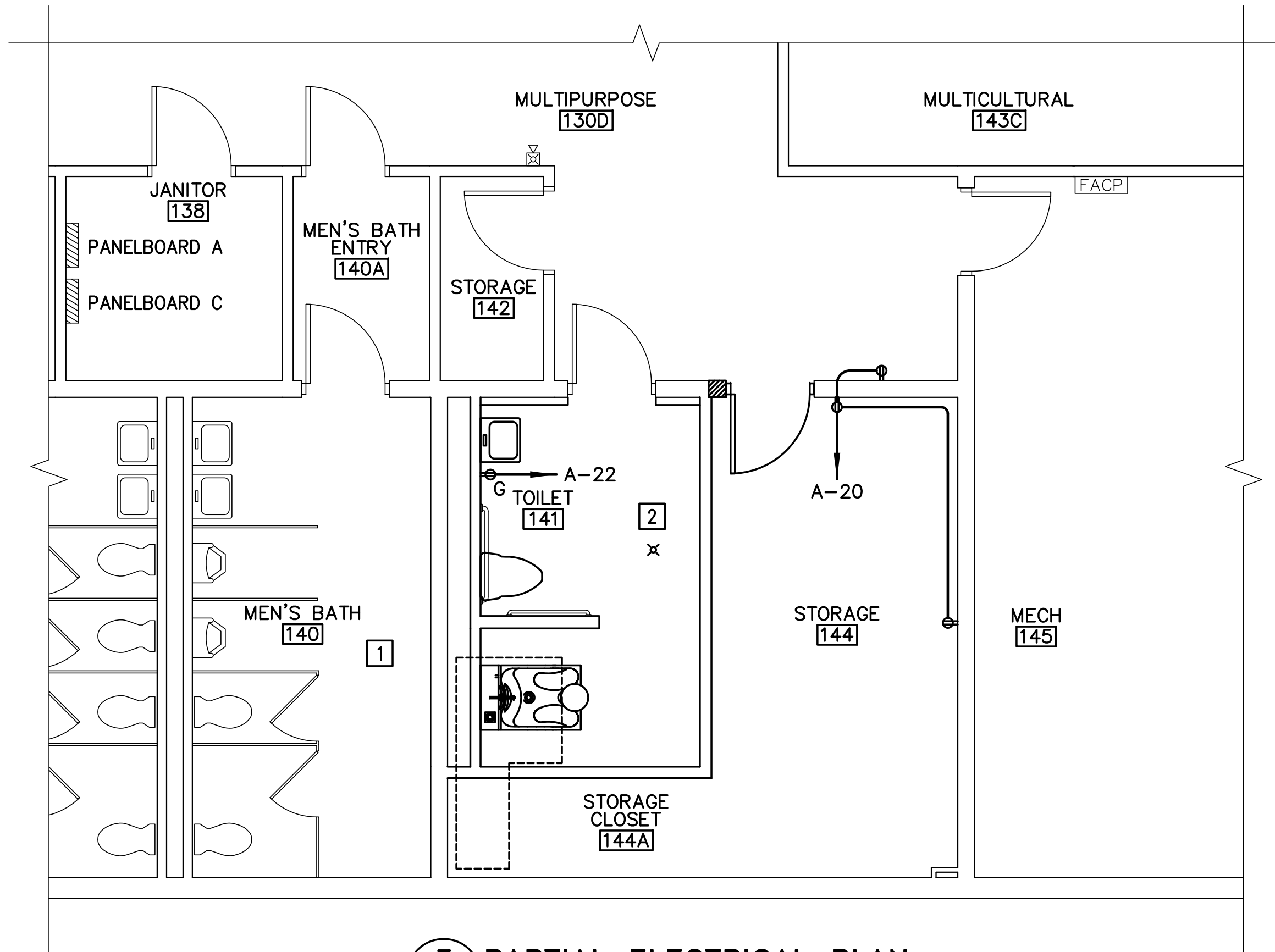
- PROVIDE CONNECTION TO FAN ON ROOF. REUSE EXISTING CIRCUIT TO PANELBOARD A. VERIFY CIRCUIT IN FIELD.
- PROVIDE STROBE COMPATIBLE WITH HONEYWELL SFP-50D FACP, CONNECT TO EXISTING ZONE. FOR MALL AREA, A2.



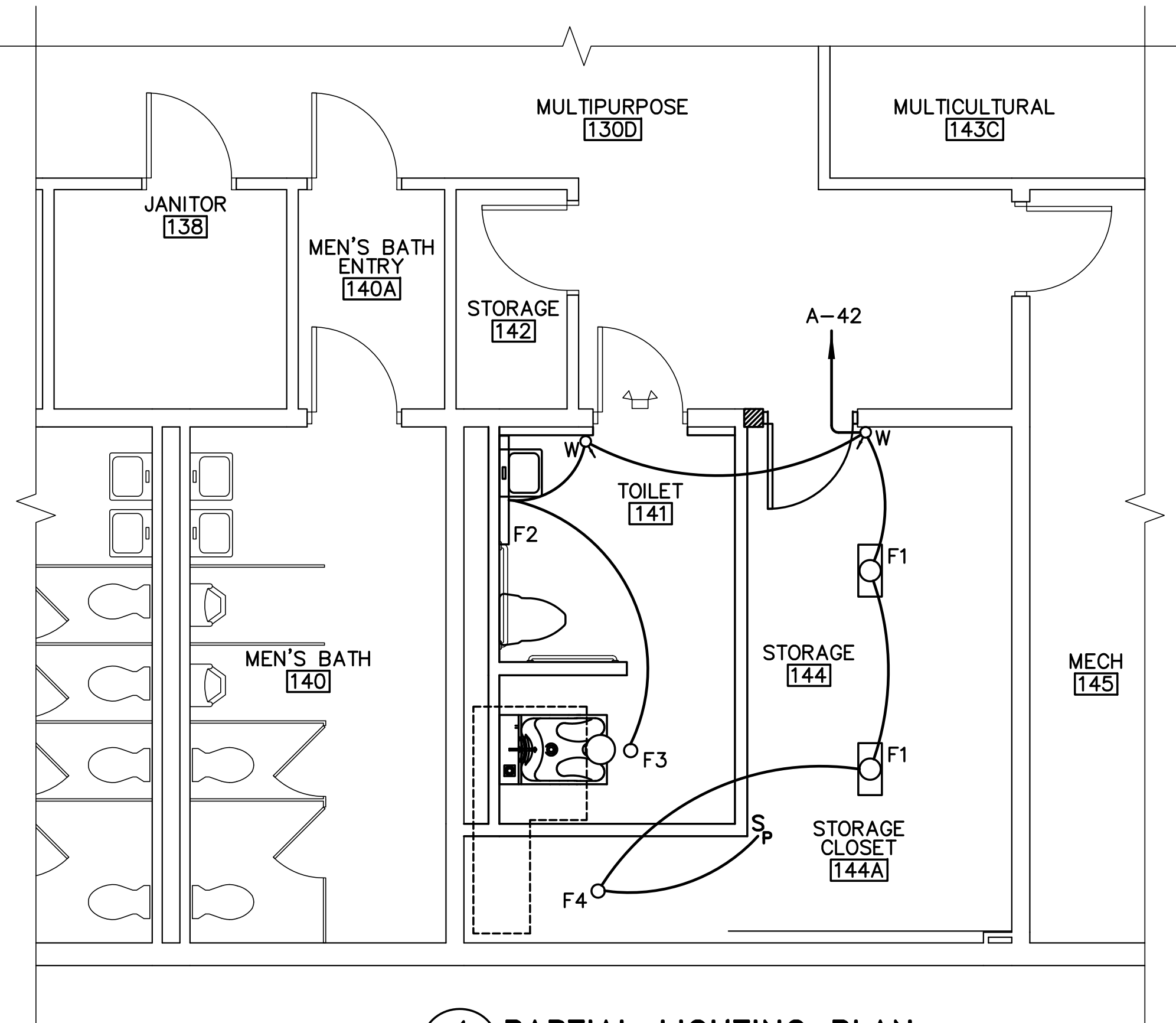
1 PARTIAL ELECTRICAL REMOVALS PLAN
 E-101 SCALE: 1/4"=1'-0"



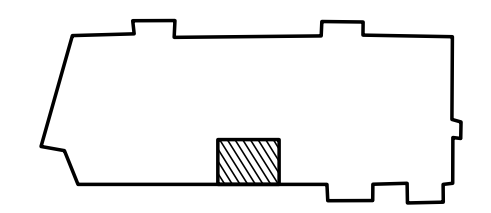
2 PARTIAL LIGHTING REMOVALS PLAN
 E-101 SCALE: 1/4"=1'-0"



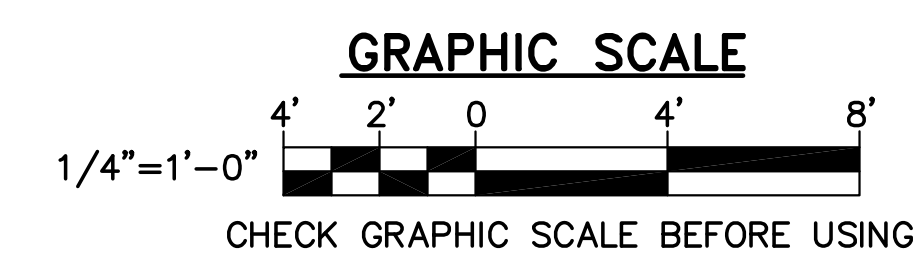
3 PARTIAL ELECTRICAL PLAN
 E-101 SCALE: 1/4"=1'-0"



4 PARTIAL LIGHTING PLAN
 E-101 SCALE: 1/4"=1'-0"



KEYPLAN
 NOT TO SCALE
 PLAN NORTH



CHECK GRAPHIC SCALE BEFORE USING