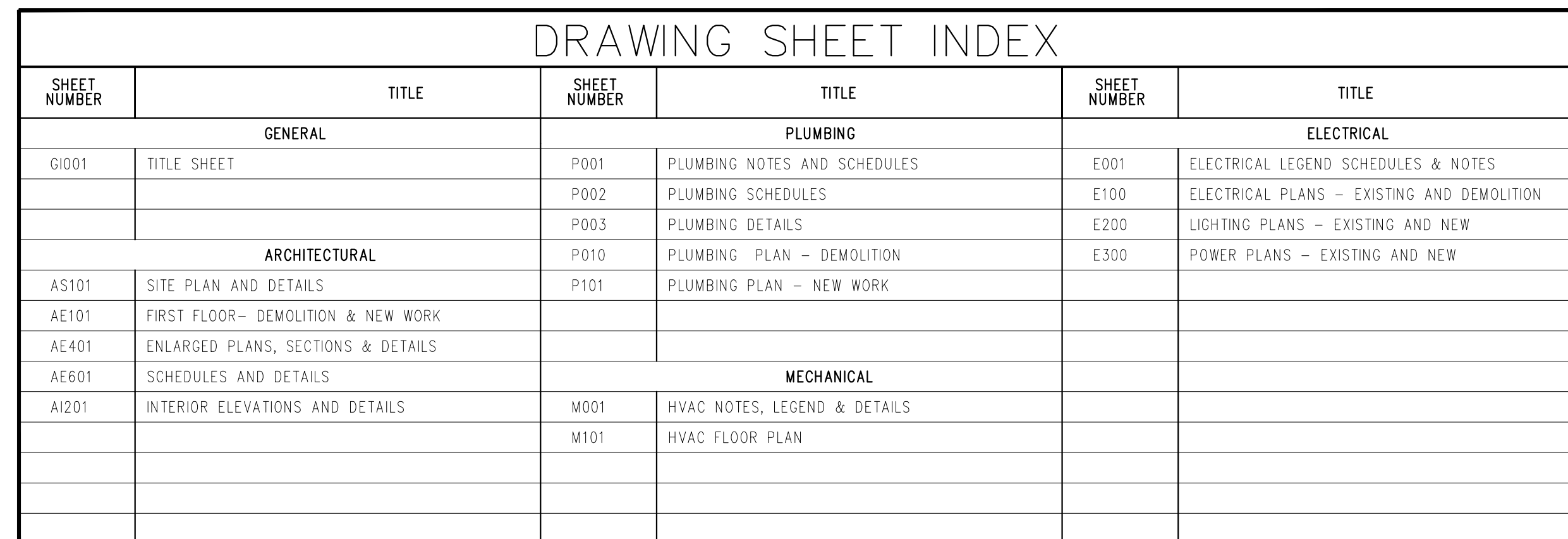


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INTERNATIONAL BUILDING CODE 2012 W/AMENDMENTS
INTERNATIONAL MECHANICAL CODE 2012
NATIONAL ELECTRICAL CODE 2008
INTERNATIONAL ENERGY CONSERVATION CODE 2012

1. DO NOT SCALE DRAWINGS. USE DIMENSIONS INDICATED ON DRAWINGS FOR LAYOUT OF WORK.
2. DIMENSIONS SHOWN ON DRAWINGS ARE TO LOCATIONS AS FOLLOWS:
 - a) STUD WALLS: TO FACE OF STUD.
 - b) COLUMNS AND BEAMS: TO CENTER LINE OF COLUMN AS INDICATED UNLESS NOTED OTHERWISE.
 - c) CONCRETE MASONRY UNIT: TO FACE OF C.M.U.
 - d) FURRING: TO FACE OF FURRING.
3. ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK OR ROOF STRUCTURE ABOVE UNLESS NOTED OTHERWISE ON DRAWINGS. REFER TO WALL DETAIL SHEETS.
4. INTERIOR WALL STUDS: INTERIOR WOOD PARTITION STUDS ARE SPECIFIED IN SECTION 06 TO 00 ROUGH CARPENTRY.
5. DOORS ARE KEYPED ON THE PLANS.
6. PROVIDE WOOD BLOCKING IN STUD WALLS BETWEEN WALL STUDS AS REQUIRED FOR INSTALLATION OF FIXTURES, EQUIPMENT, CABINETS, RAILINGS, AND OTHER ITEMS OF WORK REQUIRING ATTACHMENT OR SUPPORT.
7. CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN HEREIN WITH PLANS, SECTIONS, AND DETAILS PRIOR TO CONSTRUCTION OR MATERIAL PURCHASE AND SHALL NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES.
8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LISTED BUILDING CODES AND WITH THE MOST STRINGENT BEING ENFORCED WHERE A CONFLICT ARISES.
9. THE HOURS AND DAYS OF OPERATION SHALL CONFORM TO OWNER'S REQUIREMENTS.
10. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS WHICH ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS.
11. CONTRACTOR IS TO VERIFY AND DOCUMENT ALL EXISTING UTILITIES BEFORE BEGINNING DEMOLITION WORK.

INDICATES ITEMS TO BE DEMOLISHED

DEMOLITION NOTE

NEW WORK NOTE

P.O.D. POINT OF DISCONNECTION

P.O.C. POINT OF CONNECTION

SHOWN ON PAGE

ELEVATION NUMBER (INTERIOR ELEVATIONS)

WALL TYPE TAG

SECTION/DETAIL NUMBER

ELEVATION NUMBER (EXTERIOR ELEVATIONS)

DETAILED ON PAGE SHOWN ON PAGE

DETAILED ON PAGE SHOWN ON PAGE

A.C.-----	AIR CONDITIONED	C.(CON'T)	C.O.-----	CLEAN OUT	F.(CON'T)	F.B.G.-----	FIBERGLASS	K.V.A.-----	KILOVOLT AMPERE	P.-----	PART.-----	PARTITION	S.(CON'T)	S.TL.-----	STEEL
A.D.-----	AREA DRAIN		COL.-----	COLUMN		FIN.-----	FINISH	K.W.-----	KILOWATT	PER.-----	PER.-----	PERIMETER	STL.-----	STOR.-----	STORAGE
A.H.U.-----	AIR HANDLING UN.		CONC.-----	CONCRETE		FL.-----	FLOOR			PERF.-----	PERF.-----	PERFORMANCE	STN.-----	STN.-----	STONE
A.F.F.-----	ABOVE FINISHED FLOOR		COND.-----	CONDENSATE		FT.-----	FOOT, FEET			P.-----	P.-----	PLATE	STRUCT.-----	STRUCT.-----	STRUCTURAL
ALT.-----	ALTERNATE		CONN.-----	CONNECTION		FTG.-----	FOOTING	LB.#-----	LB.-----	P.B.G.-----	P.B.G.-----	PLUMBING	SUSP.-----	SUSP.-----	SUSPENDED
ALUM.-----	ALUMINUM		CONSTR.-----	CONSTRUCTION		FFE.-----	FINISHED FLOOR	LP.-----	LONG	P.W.D.-----	P.W.D.-----	PLYWOOD	SW.-----	SW.-----	SWITCH
A.M.P., A.-----	AMPERES		CONT.-----	CONTINUOUS			ELEVATION	L.P.-----	LIGHTING PANEL	P.N.L.-----	P.N.L.-----	PANEL			
APPROX.-----	APPROXIMATELY		CONSTR. JT.-----	CONTRACTION JOINT				LTG.-----	LIGHTING	PR.-----	PR.-----	PAIR	T.-----	T.-----	TOILET
ARCH.-----	ARCHITECTURAL		C.T.-----	CERAMIC TILE						PRESS.-----	PRESS.-----	PRESSURE	T.B.-----	T.B.-----	TACK BOARD
ASPH.T. TILE-----	ASPHALT TILE		C.T. C.-----	CERAMIC TO CENTER						PSF.-----	PSF.-----	POUNDS/SQUARE FOOT	TEL.-----	TEL.-----	TELEPHONE
A.T.C.-----	ACOUSTIC TILE CEILING									P.T.-----	P.T.-----	PRESSURE TREATED	TEMP.-----	TEMP.-----	TEMPERATURE
										PTD.-----	PTD.-----	PAINTED	THK.-----	THK.-----	THICKNESS
B.-----			D.-----										THD.-----	THD.-----	THRESHOLD
BAL.-----	BALANCE		DET.-----	DETAIL									TOIL.-----	TOIL.-----	TOILET
B.B.D.-----	BOARD		DIA.-----	DIAMETER									TYP.-----	TYP.-----	TYPICAL
B.L.G.-----	BUILDING		DIFF.-----	DIFFUSER											
BLK.-----	BLANK		DIM.-----	DIMENSION											
BM.-----	BEAM		DISC.-----	DISCONNECT											
BOT.-----	BOTTOM		D.J.-----	DUMMY JOINT											
B.P.-----	BUMPER RAIL		D.N.-----	DOWN											
BRG.-----	BEARING		DR.-----	DRAIN											
BRK.-----	BRICK		D.S.-----	DOWN SPOUT											
B.T.U.-----	BRITISH THERMAL UNIT		DWG.(S)-----	DRAWING(S)											
C.-----			E.A.-----	EACH											
CAB.-----	CABINET		E.C.-----	EMPTY CONDUIT											
CAP.-----	CAPACITY		E.F.-----	EXHAUST FAN											
C/B.-----	CIRCUIT BREAKER		EFE.-----	EXISTING FIRE EXTINGUISHER											
C.D.-----	CEILING DIFFUSER		E.I.F.S.-----	EXTERIOR INSULATION											
CEM.-----	CEMENT			AND FINISHING INSULATION											
CER.-----	CERAMIC		EL.-----	ELEVATION											
C.F.C.I.-----	CONTRACTOR FURNISHED/		ELEC.-----	ELECTRIC											
	CONTRACTOR INSTALLED		EQUIP.-----	EQUIPMENT											
C.F.M.-----	CUBIC FEET/MINUTE		E.W.C.-----	ELECTRIC WATER COOLER											
CG.-----	CORNER GUARD		EXHA.-----	EXHAUST											
CIRC.-----	CIRCULATING		E.J.-----	EXPANSION JOINT											
C.J.-----	CONTROL JOINT		EXT.-----	EXTERIOR											
CK'D.-----	CHECKERED		EXIST.-----	EXISTING											
CIR.-----	CIRCUIT														
CL.-----	CENTER LINE		F.A.-----	FIRE ALARM											
CEIL.-----	CEILING		F.C.-----	FLEXIBLE CONNECTION											
CL.-----	CLOSET		F.D.-----	FLOOR DRAIN											
C.M.U.-----	CONCRETE MASONRY		FE.-----	FIRE EXTINGUISHER					</						

1. TESTING FOR LEAD BASED PAINT WITHIN THIS FACILITY WAS NOT COMPLETED FOR THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IF ANY SUSPECT MATERIALS ARE DISCOVERED BY THIS CONTRACTOR DURING CONSTRUCTION. DO NOT PROCEED IN UNCERTAINTY.

1. TESTING FOR ASBESTOS CONTAINING MATERIALS WAS CONDUCTED FOR THIS PROJECT. IT WAS DETERMINED THAT SOME OF THE SAMPLED HOMOGENOUS AREAS CONTAINED ASBESTOS. PROPER MEASURES SHALL BE TAKEN FOR REMOVAL AND DISPOSAL OF SUSPECT MATERIALS.
2. SEE ATTACHED REPORT: #FM00391514 - USC WORK ORDER, CP# CP00174714 USC SALKEHATCHIE - HUT COMPLEX RENOVATIONS, REPORT DATED MAY 15, 2012.
3. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER IMMEDIATELY IF ANY SUSPECT MATERIALS ARE DISCOVERED BY THIS BY THIS CONTRACTOR DURING CONSTRUCTION. DO NOT PROCEED IN UNCERTAINTY.
4. A LIMITED ASBESTOS SURVEY WAS CONDUCTED ON THE INTERIOR WIRING WITHIN THIS FACILITY. THE TESTING DID NOT REVEAL THE PRESENCE OF ASBESTOS CONTAINING MATERIALS, WITHIN THE WIRE INSULATION. THE ATTACHED REPORT, DATED 1/7/14 WAS COMPLETED BY TRIDENT ENVIRONMENTAL SERVICES, INC.

TITLE SHEET

ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

DRAWN	DATE	APPR.	DATE
SD	1/22/2014		

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SITE PLAN AND DETAILS

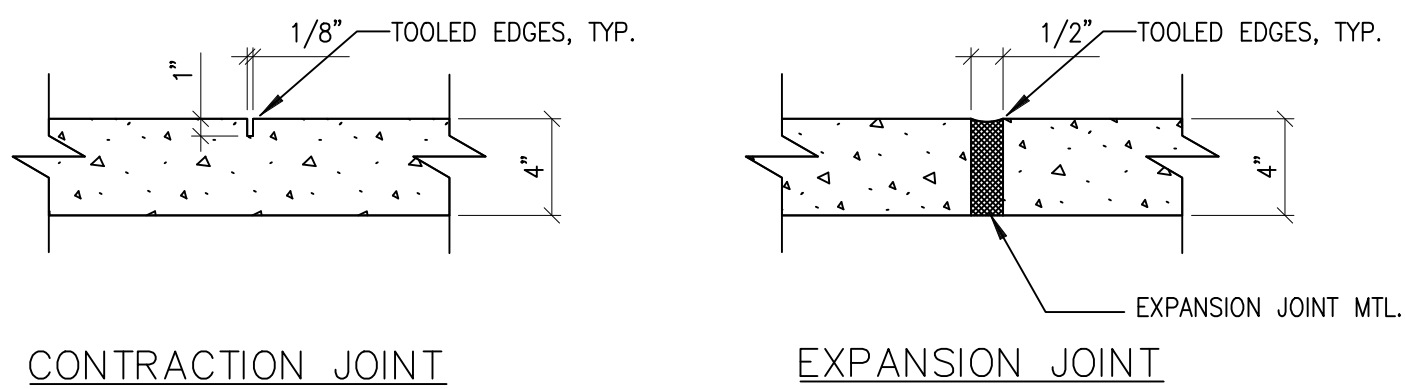
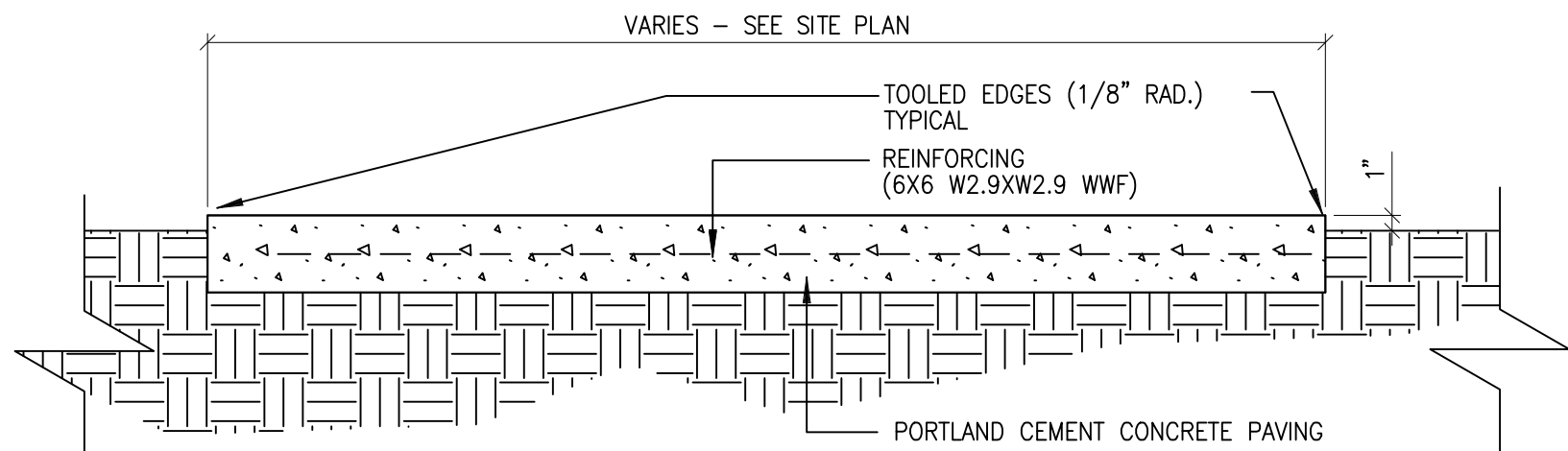
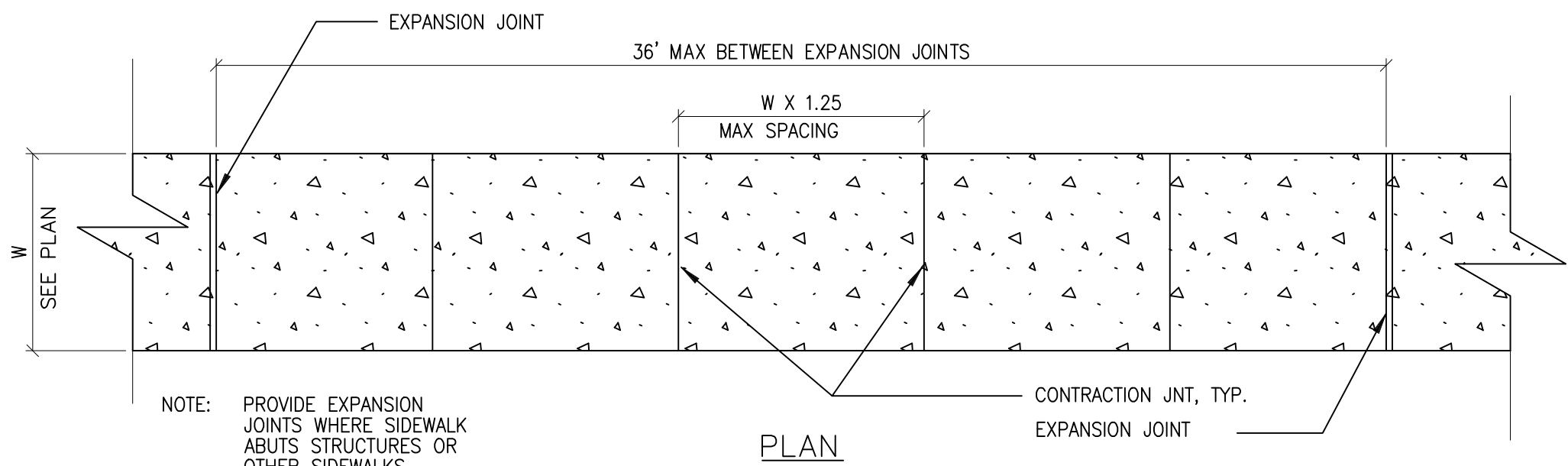
ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

JOB NO.	DRAWN	DATE	APPR.	DATE
2013.023.00	SD	1/22/2014		

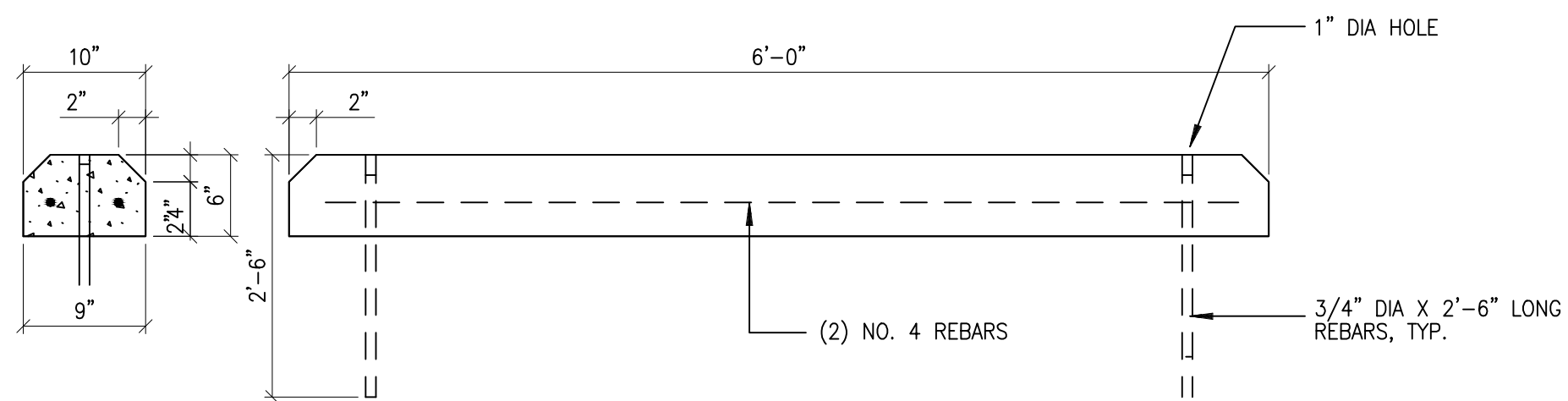
SHEET

AS101

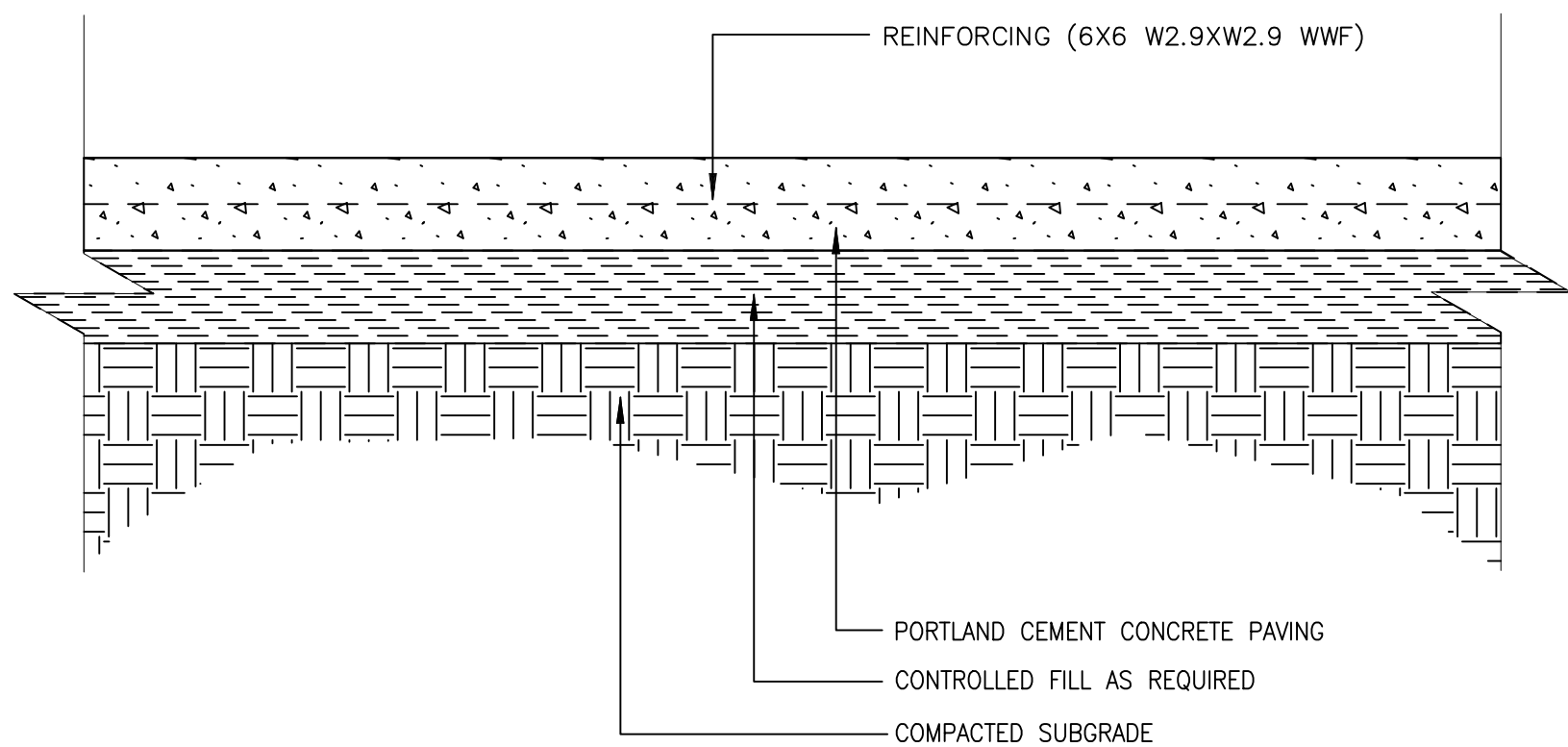
2 OF 17



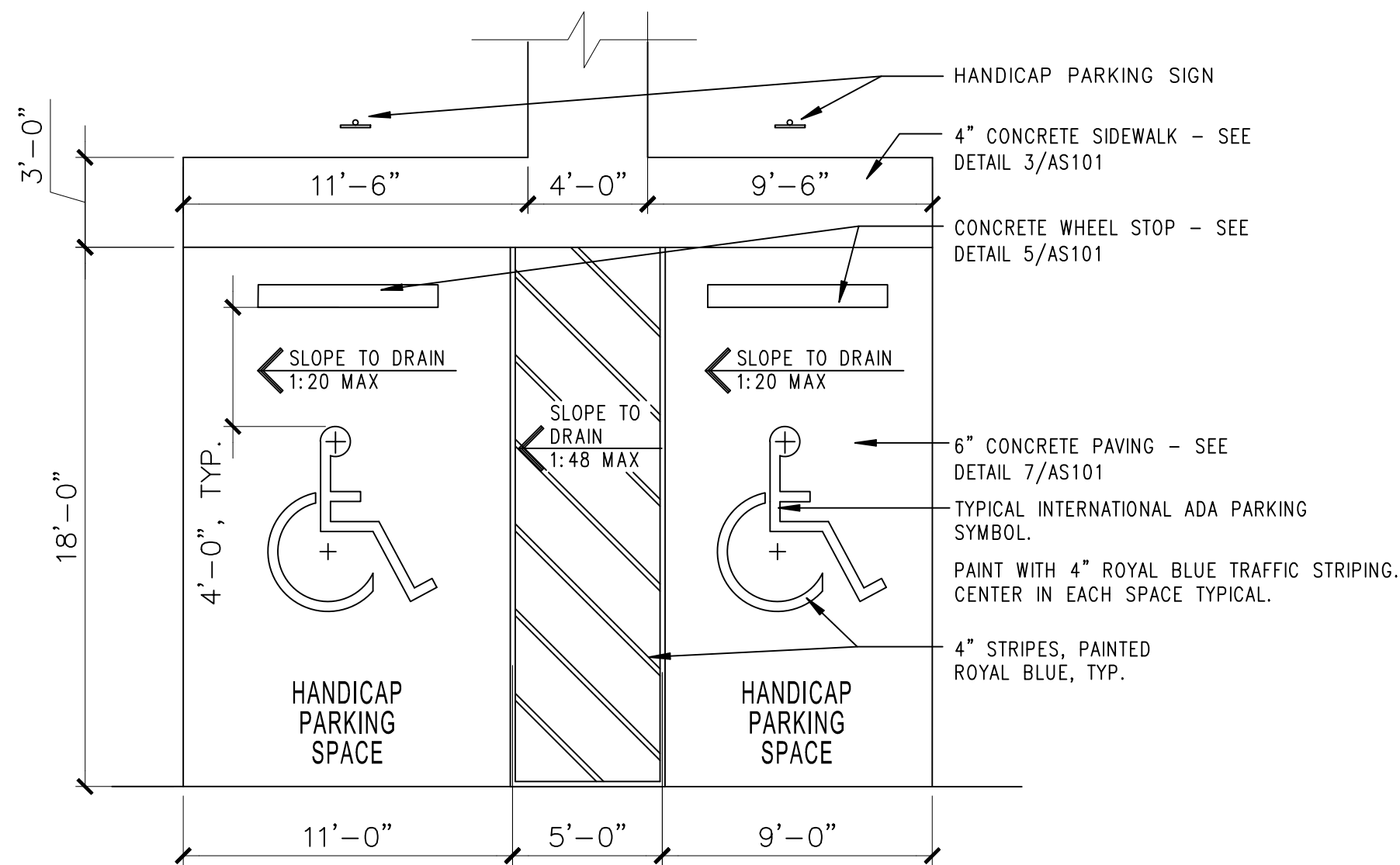
3 SIDEWALK DETAIL
AS101 SCALE: NTS



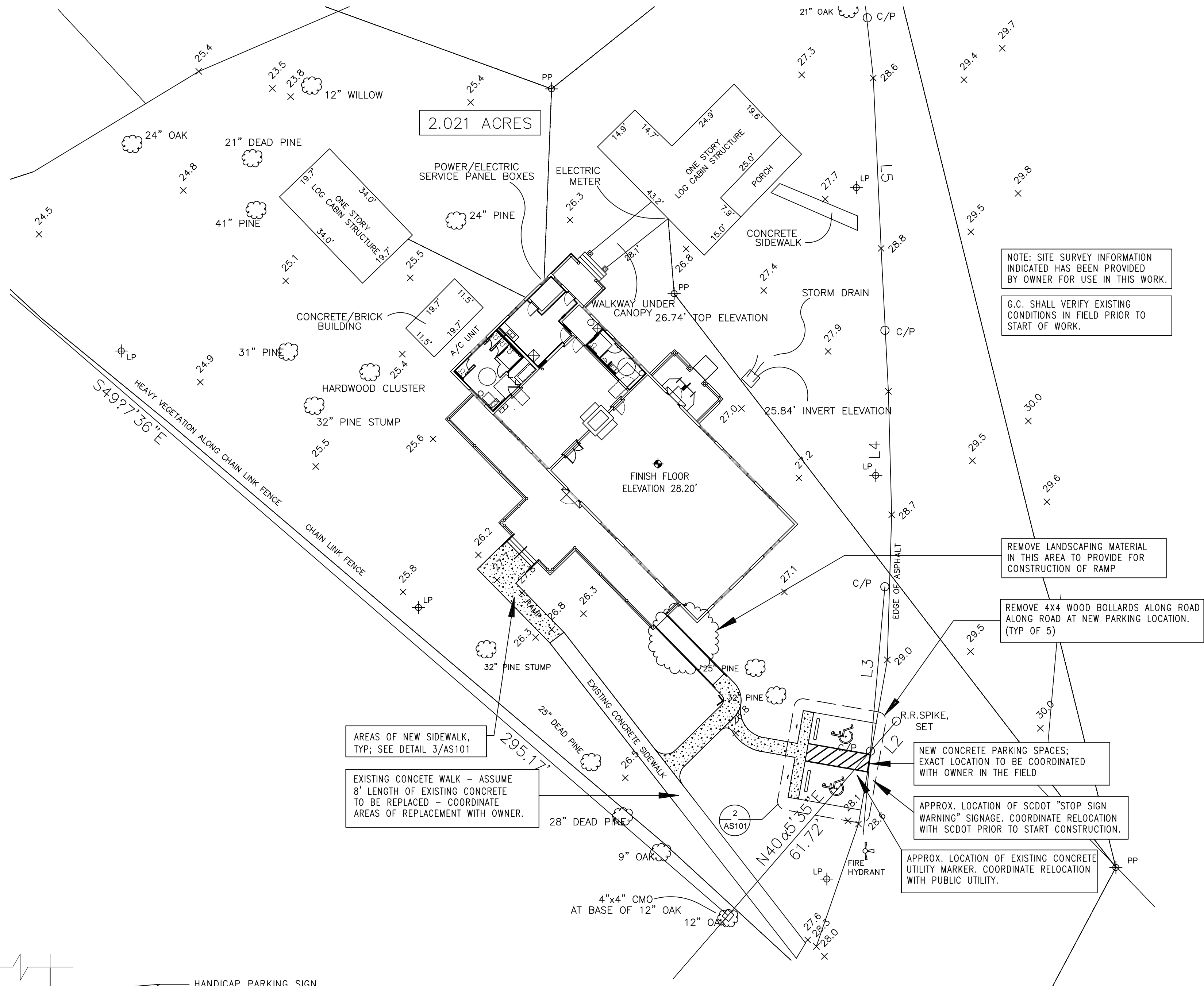
5 WHEEL STOP DETAIL
AS101 SCALE: NTS



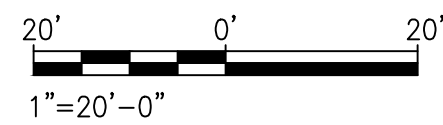
7 CONCRETE PAVING DETAIL
AS101 SCALE: NTS



2 HANDICAP PARKING DETAIL
AS101 SCALE: NTS



1 SITE PLAN
AS101 SCALE: 1" = 20'-0"



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NO.	DATE	DESCRIPTION	APPR.

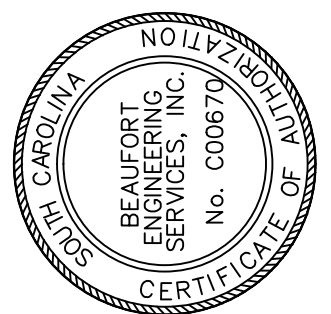


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1ST FLOOR – DEMOLITION & NEW WORK

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2013.023.00	MM	1/22/2014		

SHEET

AE101

3 OF 17

NEW CONSTRUCTION NOTES

GENERAL NOTES :

1. SEE FINISH SCHEDULE FOR INTERIOR FINISHES.
2. SEE DOOR SCHEDULE FOR DOOR AND FRAMES.
3. SEE PLUMBING DRAWINGS FOR PLUMBING NOTES.
4. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL NOTES.
5. SEE MECHANICAL DRAWINGS FOR MECHANICAL NOTES.

- ① NEW FLOOR FRAMING AND FINISH AT AREA WHERE PLATFORM WAS DEMOLISHED – REUSE FINISH FLOORING SALVAGED FROM PLATFORM DEMOLITION WORK; IF REQUIRED, MATCH ANY NEW FINISH FLOORING MATERIAL WITH THAT OF EXISTING IN SIZE, SPECIES AND FINISH
- ② RELOCATED FIRE EXTINGUISHER AND BRACKET
- ③ NEW STAIR AND HANDRAIL
- ④ AREA OF NEW SIDEWALK – TIE INTO EXISTING WALK. SEE SITE PLAN SHEET AS101
- ⑤ NEW RAMP AND HANDRAIL. REFER TO SITE PLAN AS101 FOR CONTINUATION OF SIDEWALK

- ⑥ PROVIDE NEW PLYWOOD CEILING AS INDICATED ON ROOM FINISH SCHEDULE, SHEET AE601.
- ⑦ PROVIDE EXTERIOR GRADE PLYWOOD FINISH OVER WOOD FURRING STRIPS ON TIMBER CONSTRUCTION; SEE PARTITION TYPES.
- ⑧ EXISTING CONCRETE SIDEWALK – SEE ALSO SHEET AS101 ± 40 SF SHALL BE REPLACED; COORDINATE AREAS OF REPLACEMENT WITH OWNER.
- ⑨ NOT USED
- ⑩ NEW 4" THICK CONCRETE PAD – SEE SHEET AS101
- ⑪ INSTALL NEW FLOOR FINISH OVER 1/2" UNDERLAYMENT OVER EXISTING SUBFLOOR; INSPECT CONDITION OF EXISTING SUBFLOOR AND REPLACE AS REQUIRED, MATCH EXISTING SUBFLOOR MATERIAL
- ⑫ NOT USED
- ⑬ USE SALVAGED TIMBERS FOR INFILL WALL AT THIS LOCATION; FILL JOINTS WITH MORTAR TO MATCH EXISTING; SEE ALSO PARTITION TYPES
- ⑭ NEW FIRE EXTINGUISHER ON BRACKET – MATCH EXISTING.

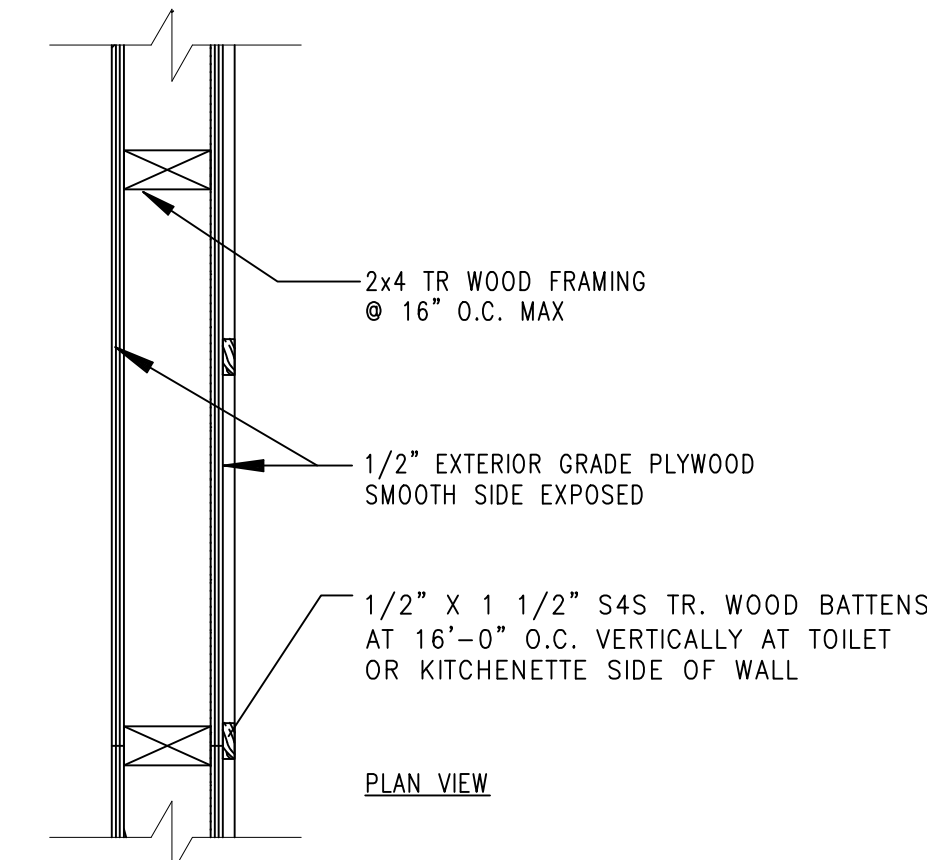
DEMOLITION NOTES

GENERAL NOTES :

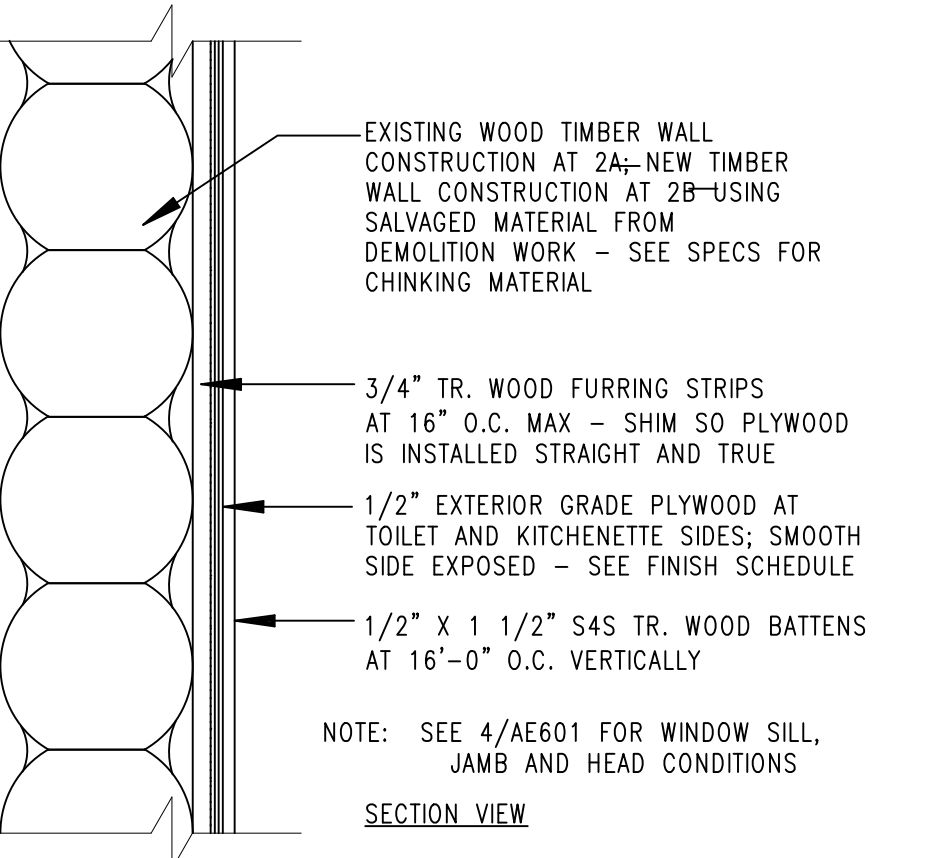
1. REMOVE EXISTING TILE, AND ALL GLUE RESIDUE UNLESS NOTED OTHERWISE; INSPECT WOOD FLOOR WHERE WOOD FLOOR IS TO BE REFINISHED AND REPAIR AS REQUIRED FOR FINISHED APPEARANCE. FOR AREAS TO RECEIVE TILE OR SHEET FLOORING PREPARE SUBFLOOR TO RECEIVE NEW UNDERLAYMENT AND FLOOR FINISH.
2. SALVAGE ALL WALL TIMBERS AND TIMBER RAILS/ELEMENTS SHOWN TO BE REMOVED FOR RE-USE IN THIS PROJECT
3. SEE PLUMBING DRAWINGS FOR PLUMBING DEMOLITION.
4. SEE ELECTRICAL PLANS FOR ELECTRICAL DEMOLITION.
5. SEE MECHANICAL PLANS FOR MECHANICAL DEMOLITION.

- ① REMOVE DOOR; INSPECT FRAME AND IF THERE ARE SIGNS OF ROT OR DAMAGE, REMOVE AND REPLACE WITH NEW MATERIAL
- ② REMOVE DOOR AND FRAME; WIDEN OPENING TO RECEIVE NEW DOOR AND FRAME – COORDINATE WITH DOOR SCHEDULE
- ③ DEMO EXISTING HOT WATER HEATER COMPLETE

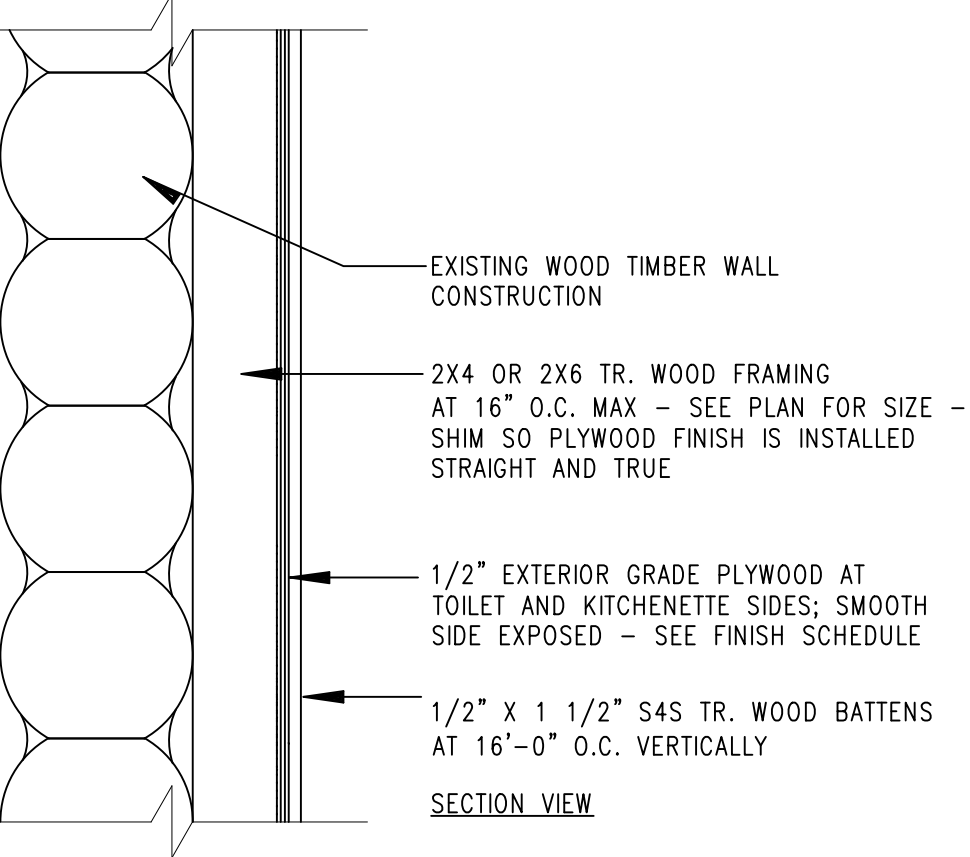
- ④ REMOVE FLOOR FINISH AND BASE AND ANY GLUE RESIDUE; PREPARE SUBFLOOR TO RECEIVE NEW FINISH. SEE EXISTING HAZMAT SURVEY FOR ADDITIONAL INFORMATION ON ASBESTOS CONTAINING MATERIALS.
- ⑤ REMOVE CEILING FINISH. SEE EXISTING HAZMAT SURVEY FOR ADDITIONAL INFORMATION ON ASBESTOS CONTAINING MATERIALS.
- ⑥ REMOVE DOOR AND HARDWARE; PREPARE FRAME FOR INSTALLATION OF NEW DOOR AND HARDWARE
- ⑦ REMOVE RAISED PLATFORM – SALVAGE FLOORING FOR RE-USE
- ⑧ REMOVE CONCRETE STEPS AND RAMP COMPLETE INCLUDING METAL HANDRAILS AND ANY ASSOCIATED FOOTINGS
- ⑨ REMOVE TIMBER RAIL – STORE FOR RE-USE AND PROTECT FROM DAMAGE
- ⑩ SHAVE FACE OF TIMBER POST AT JAMB TO ACCOMMODATE NEW DOOR AND FRAME – COORDINATE OPN'G WIDTH WITH DOOR SCHEDULE
- ⑪ RELOCATE EXISTING WALL MOUNTED FIRE EXTINGUISHER AND BRACKET TO NEW LOCATION NOTED ON 2/AE101
- ⑫ REMOVE EXISTING DOOR, FRAME, AND WALL AS INDICATED. SALVAGE WALL TIMBERS FOR REUSE AS NEEDED.



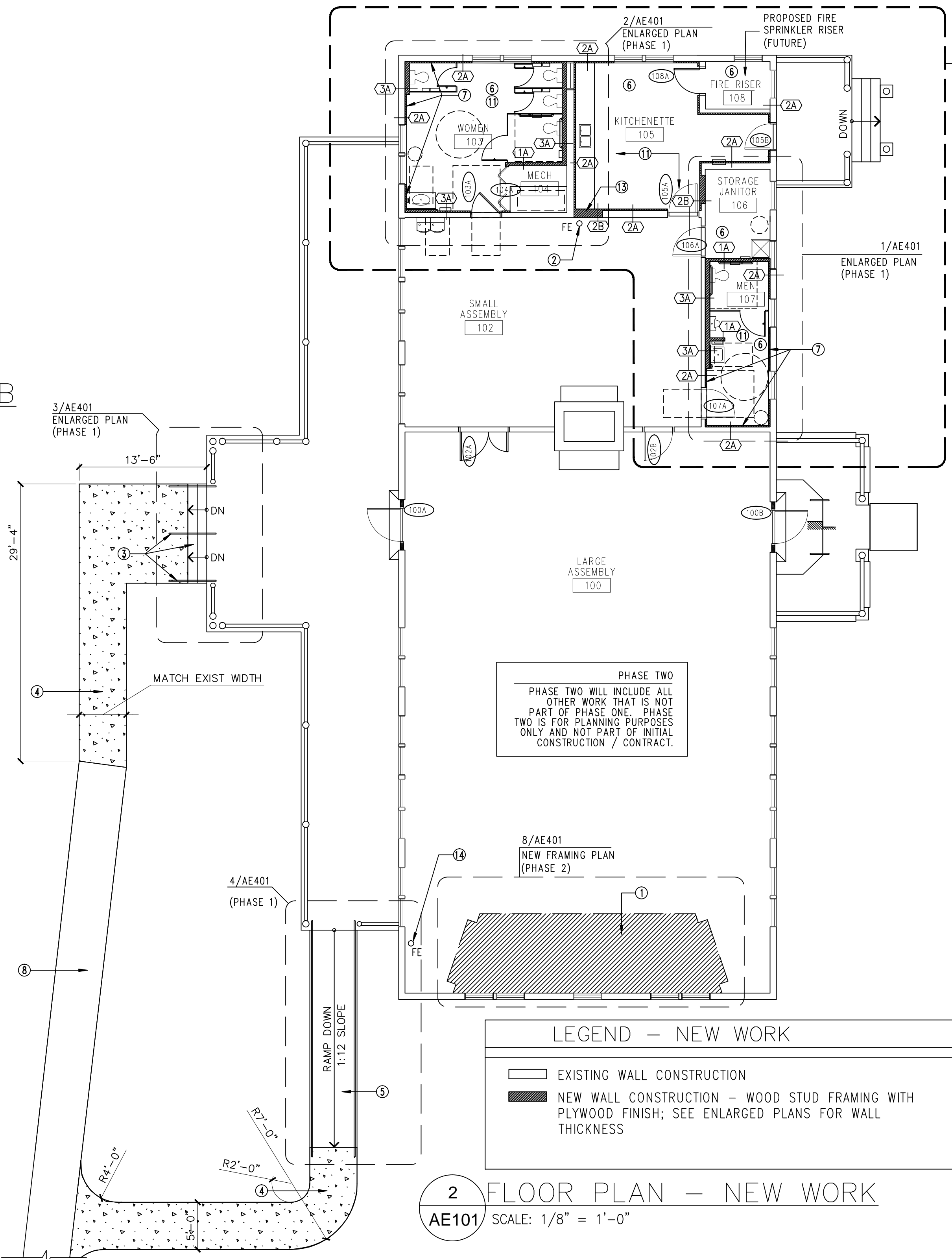
5 PARTITION TYPE 1A
AE101 SCALE: NTS



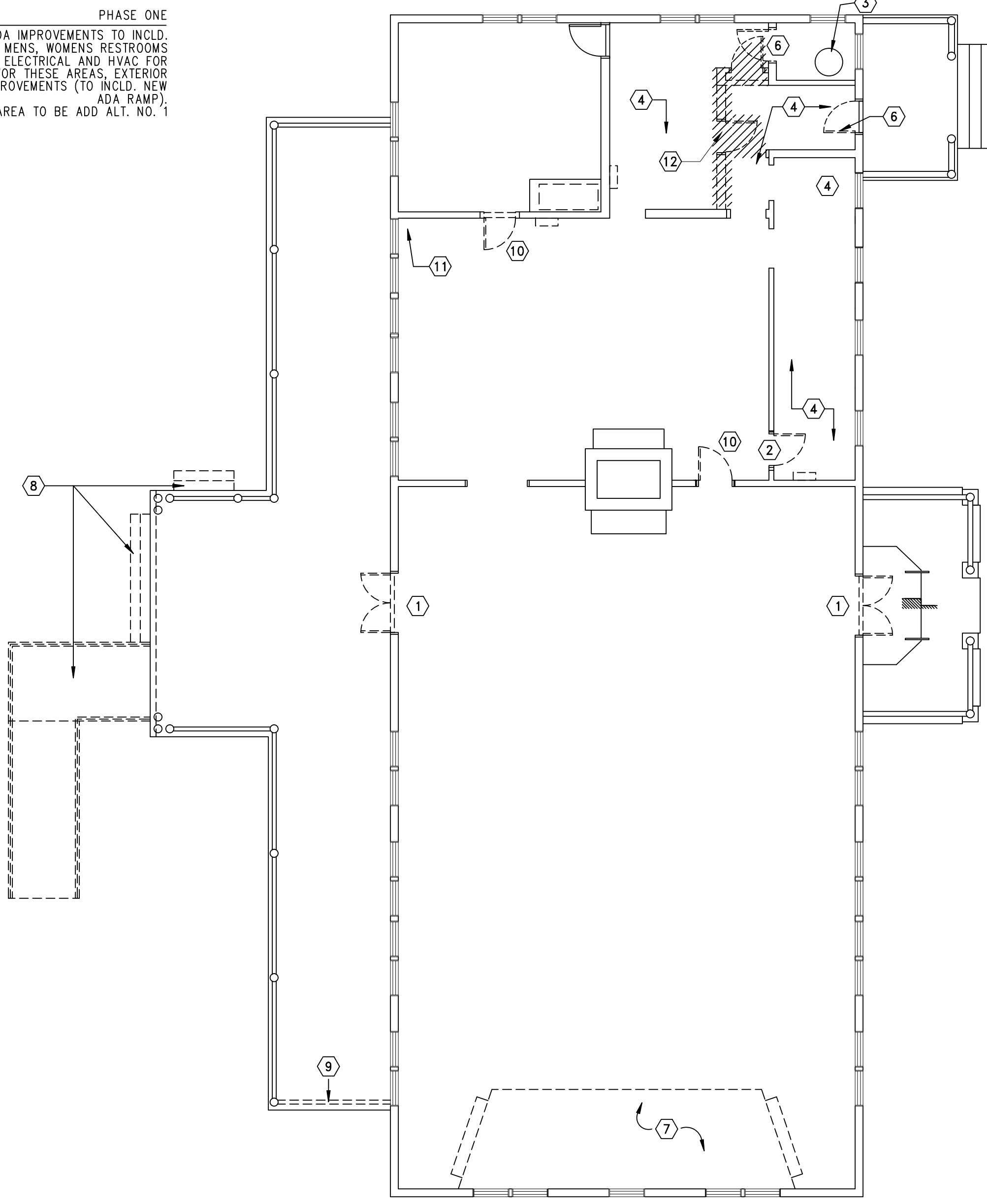
4 PARTITION TYPE 2A/2B
AE101 SCALE: NTS



3 PARTITION TYPE 3A
AE101 SCALE: NTS



2 FLOOR PLAN – NEW WORK
AE101 SCALE: 1/8" = 1'-0"



1 FLOOR PLAN – DEMOLITION
AE101 SCALE: 1/8" = 1'-0"

7
AE401

MATCH NEW RAIL SECTIONS WITH EXISTING - REUSE SALVAGED MATERIAL IF FEASIBLE

NEW 6" DIA ROUGH HEWN TIMBER

NEWEL POST TO MATCH EXISTING COLUMNS

EXISTING COLUMN AND RAIL

4"

1'-0"

3"

4"

6"

3"

RAMP DOWN 1:12 SLOPE MAXIMUM
+/- 23'-0" (COORDINATE WITH FINISH GRADE)


1 1/4" DIA STEEL PIPE RAIL, TYP.

1'-0"

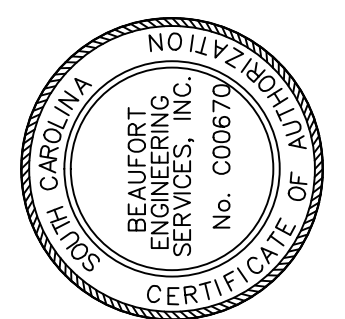
SEE SHEET AS101 FOR EXTENSION OF SIDEWALK

[illegible]

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195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

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ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR			BASE	WALLS				CEILING				NOTES			
		MATERIAL		FINISH		NORTH		SOUTH		EAST		WEST			MATERIAL	FINISH	HEIGHT
		MATL	FIN			MATL	FIN	MATL	FIN	MATL	FIN	MATL	FIN				
100	LARGE ASSEMBLY	EXIST	EXIST WOOD		EXIST			EXIST				EXIST EXPOSED	EXIST	VARIES			
101	NOT USED																
102	SMALL ASSEMBLY	EXIST	EXIST		EXIST/TIMBER			EXIST				EXIST EXPOSED	EXIST	VARIES			
103	WOMEN		VCT	WOOD	PLYWOOD	PAINT		PLYWOOD	PAINT	PLYWOOD	PAINT	PLYWOOD	PAINT	VERIFY	1, 2, 4		
104	MECHANICAL	EXIST	EXIST	WOOD	PLYWOOD	PAINT		EXIST	PAINT	EXIST	PAINT	PLYWOOD	PAINT		1, 2, 4		
105	KITCHENETTE	VCT	VCT	WOOD	PLYWOOD	PAINT		PLYWOOD	PAINT	PLYWOOD	PAINT	PLYWOOD	PAINT	VERIFY	1, 2, 4, 5		
106	STORAGE / JANITOR	VCT	VCT	WOOD	PLYWOOD	PAINT		PLYWOOD	PAINT	PLYWOOD	PAINT	PLYWOOD	PAINT		1, 2, 4		
107	MEN	VCT	VCT	WOOD	PLYWOOD	PAINT		PLYWOOD	PAINT	PLYWOOD	PAINT	PLYWOOD	PAINT	VERIFY	1, 2, 4, 5		
108	FIRE RISER ROOM	VCT	VCT	WOOD	EXIST			EXIST				PLYWOOD	PAINT		1, 2, 5		

LEGEND:

CONC CONCRETE
EXIST EXISTING
EXP EXPOSED
GWB GYPSUM WALL BOARD
PAINT SEE SPECIFICATIONS
PLYWD EXTERIOR GRADE PLYWOOD
VCT 12 X 12 TILES
VINYL HOMOGENOUS SHEET VINYL

NOTES:
1 WHERE BASE IS NOTED AS WOOD, PROVIDE 1X6 WOOD BASE WITH EASED EDGE.
2 SMOOTH SIDE OF PLYWOOD EXPOSED
3 ALL COLORS TO BE SELECTED/APPROVED BY OWNER
4 SEE ALSO 4/AE601 FOR NEW TRIM AT EXISTING WINDOWS.
5 PLYWOOD CEILING TO BE 3/8" EXTERIOR GRADE PLYWOOD (SMOOTH SIDE EXPOSED) WITH 1/2"x1-1/2" S4S PT WOOD BATTENS AT 4'-0" EACH WAY. SEE DETAIL 6/AE601 FOR ADDITIONAL INFORMATION.

CEILING BATTEN DETAIL

AE601

SCALE: NOT TO SCALE

DOOR JAMB DETAIL

AE601

SCALE: NOT TO SCALE

WINDOW TRIM DETAIL

AE601

SCALE: NOT TO SCALE

DOOR JAMB DETAIL

AE601

SCALE: NOT TO SCALE

SIGNAGE MOUNTING KEY

AE601

SCALE: NOT TO SCALE

DOOR ELEVATIONS

AE601

SCALE: NOT TO SCALE

DOOR SCHEDULE

ROOM NO.	ROOM NAME	DOOR NO.	DOORS														FRAMES														SIGNAGE	NOTES		
			SIZE	TYPE	MAT.					FINISH	LABEL	GLAZING				TYPE	MAT.					FINISH	DETAILS											
					WOOD	ALUMINUM	STEEL	EXISTING	ALUMINUM CLAD			FACTORY FINISH	PAINT	STAIN	"B" LABEL 1 1/2HR		"C" LABEL 3/4 HR	3 HOUR	1 HOUR	1/4" TEMPERED	INSULATED		HOLLOW METAL	ALUMINUM	EXISTING	WOOD	ALUMINUM CLAD	PAINT	FACTORY FINISH	STAIN			HEAD DETAILS	JAMB DETAILS
			W X H X THK			1	2	3	4	5	1	2	3	4	1	2					1	2	3	4	5	1	2	3						
100	LARGE ASSEMBLY	100A	3'-6" x 7'-0" x 1 3/4"	II	1										3																		4	
		100B	3'-6" x 7'-0" x 1 3/4"	II	1										3																	4		
102	SMALL ASSEMBLY	102A	3'-0" x 7'-0" x 1 3/4" W/ DURABLE LEAF	II	1										3																	1, 4, 5		
		102B	3'-0" x 7'-0" x 1 3/4"	II	1										3																	4		
		103A	3'-0" x 6'-8" x 1 3/4"	I	1										3																	4		
103	WOMEN	102B	3'-0" x 7'-0" x 1 3/4"	II	1										3																	4		
104	MECHANICAL	104A	(4) BIFOLD PANELS @ 1'-2" EACH X 8'-0" HIGH X 1 3/8"	III	1										3																	3, 6		
105	KITCHENETTE	105A	3'-0" x 6'-8" x 1 3/4"	II	1										3																	4		
		105B	2'-8" x 6'-8" x 1 3/4"	I	1										3																	5		
106	STORAGE / JANITOR	106A	3'-0" x 6'-8" x 1 3/4"	I	1										3																	4		
107	MEN	107A	3'-0" x 6'-8" x 1 3/4"	I	1										3																	4		
108	FIRE RISER ROOM	108A	2'-8" x 6'-8" x 1 3/4"	I	1										1																	1, 5		

1 REFINISH AND REPAIR EXISTING FRAME TO RECEIVE NEW DOOR(S).

2 NOT USED

3 COORDINATE PROPER OPERATION OF DOOR WITH ADJACENT THRESHOLD AT DOOR 103A

4 PROVIDE AN ADA COMPLIANT THRESHOLD

5 NEW DOOR IS IN EXISTING FRAME. VERIFY DOOR SIZE.

6 VERIFY WIDTH OF OPENING IN FIELD.

SCHEDULES AND DETAILS

ADA UPGRADES AT THE ALLENDALE HUT

195 OLD BARNWELL ROAD

ALLENDALE, SOUTH CAROLINA

JOB NO. 2013.023.00

DRAWN MM

DATE 1/22/2014

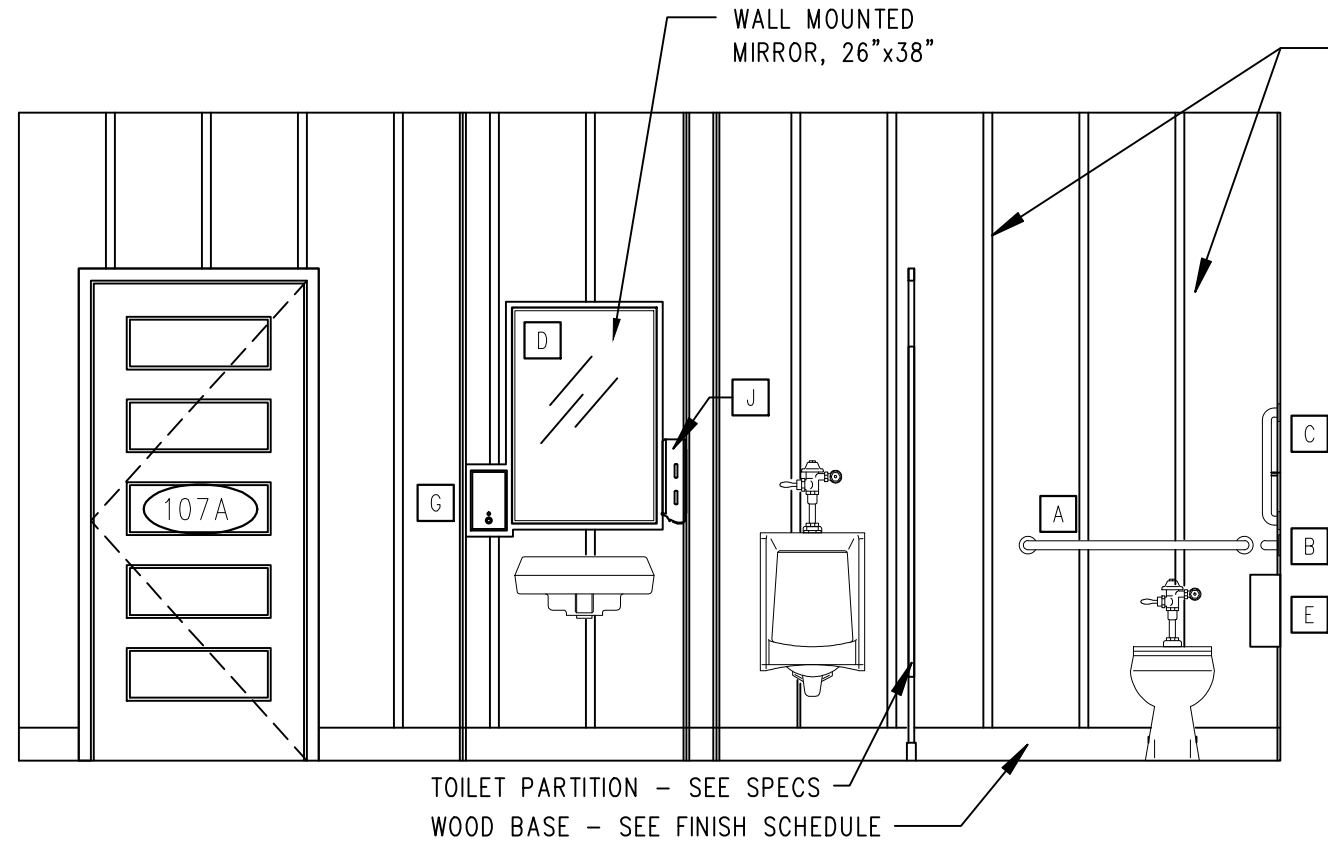
APPR.

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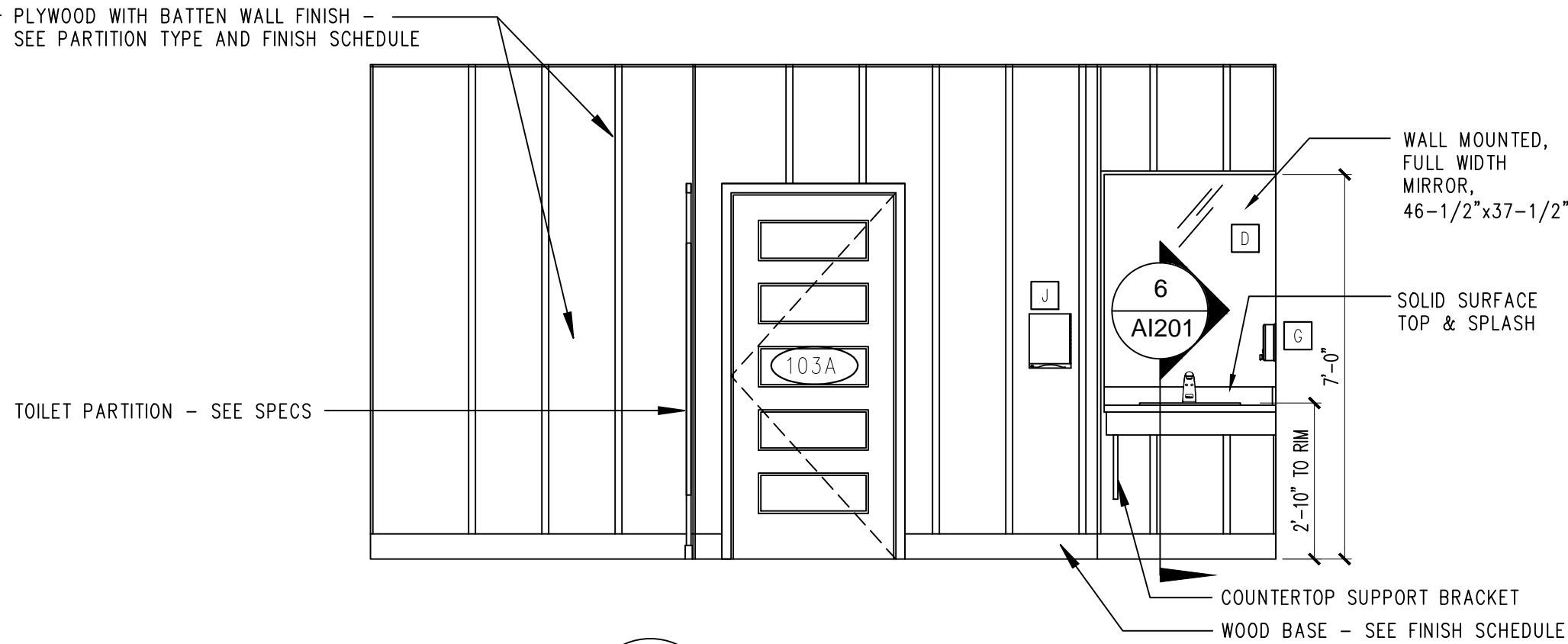
17

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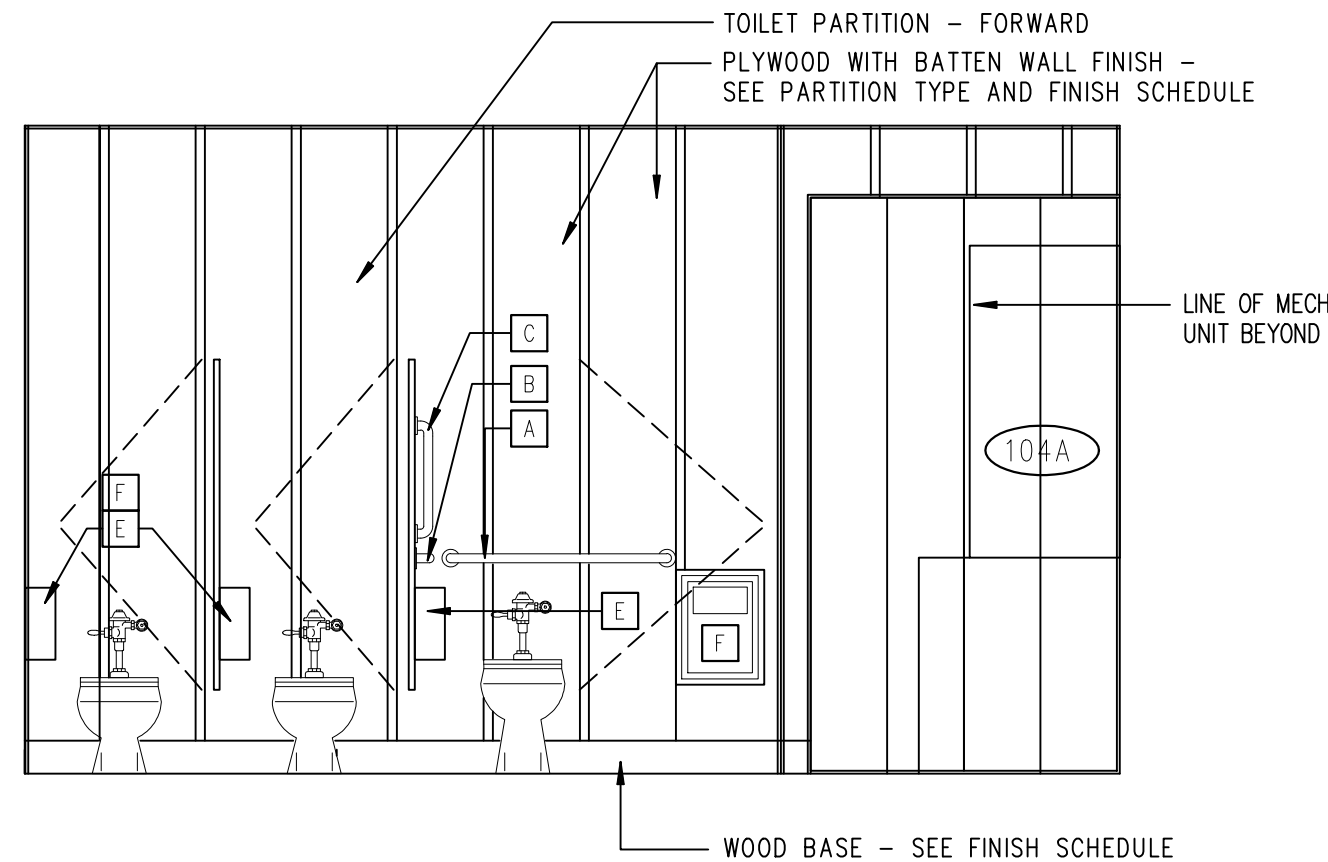
3 MEN 107
AI201 SCALE: 3/8" = 1'-0"

PHASE 1



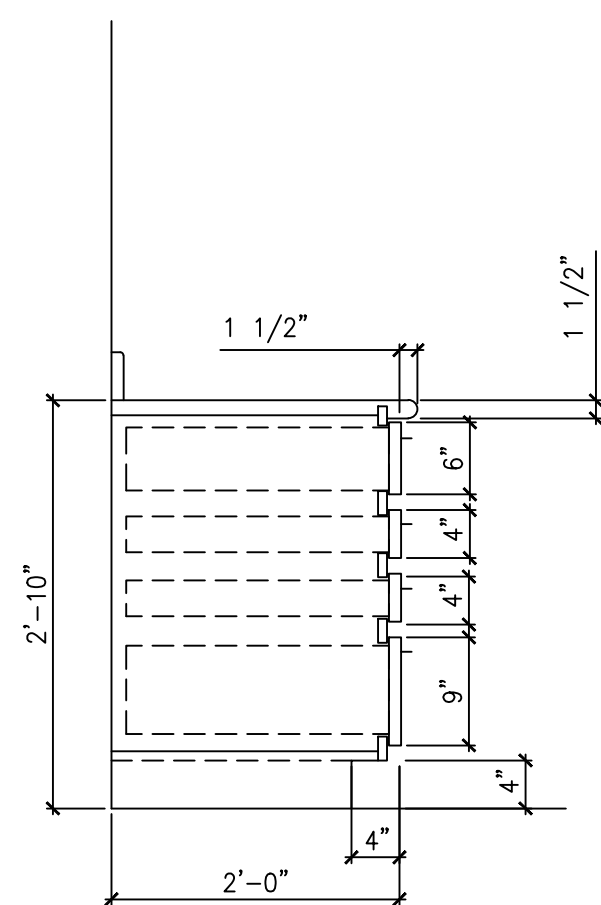
2 WOMEN 103
AI201 SCALE: 3/8" = 1'-0"

PHASE 1

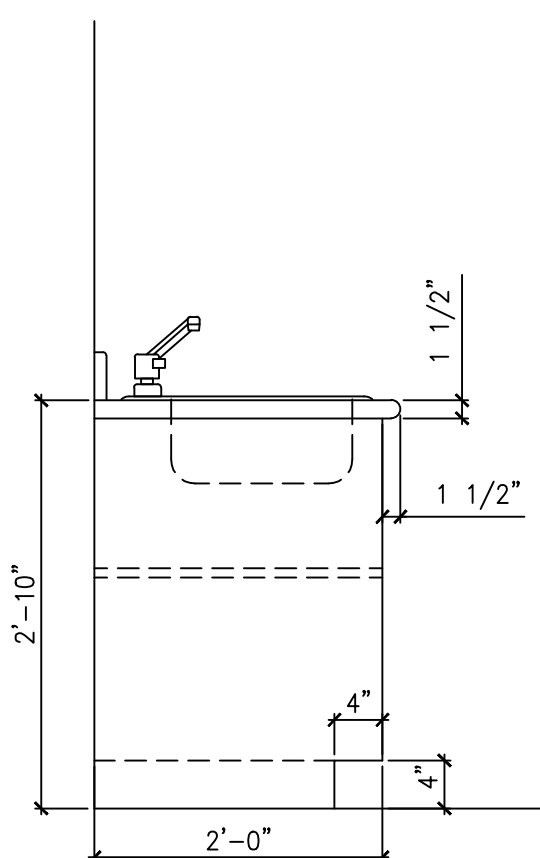


1 WOMEN 103
AI201 SCALE: 3/8" = 1'-0"

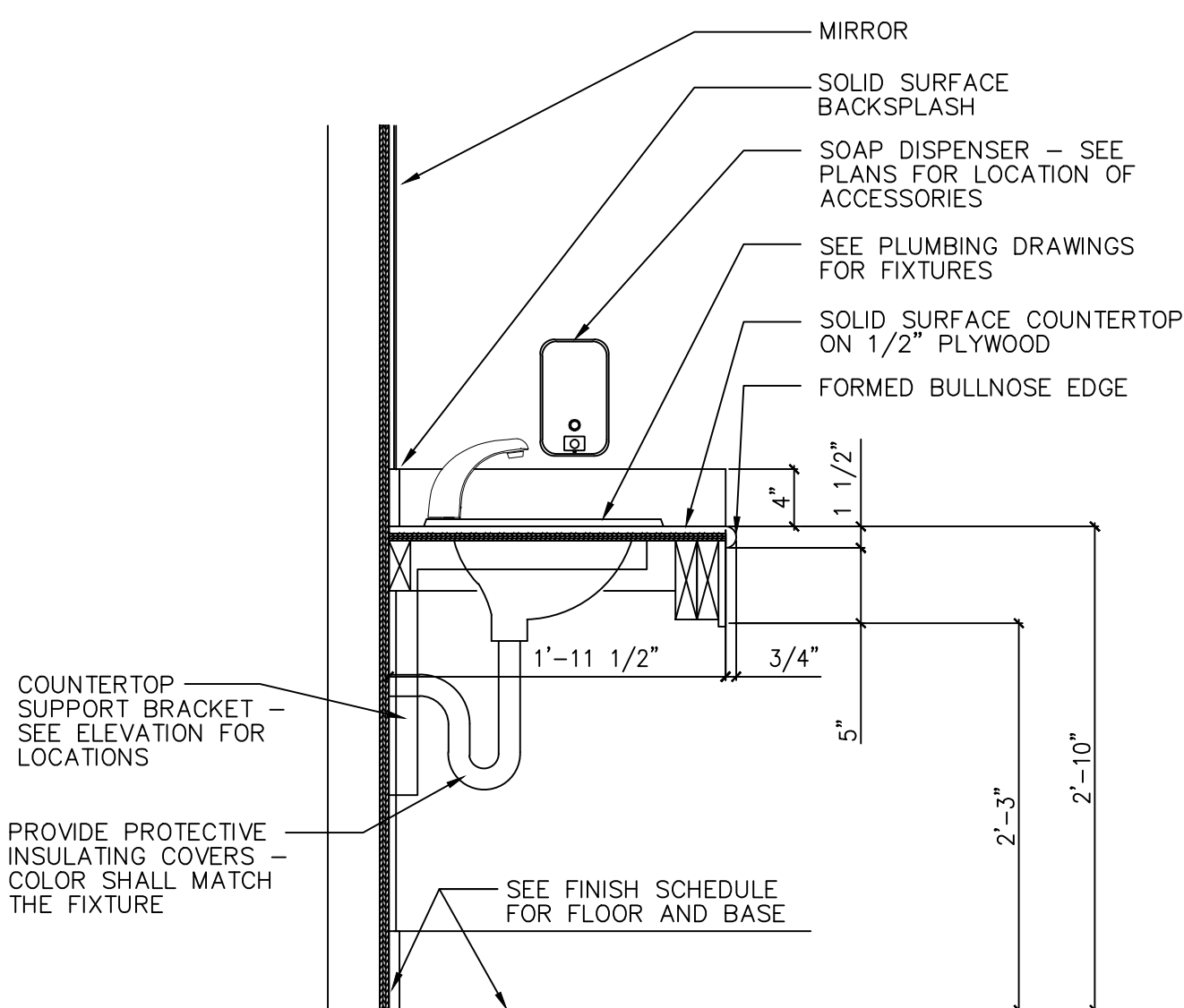
PHASE 1



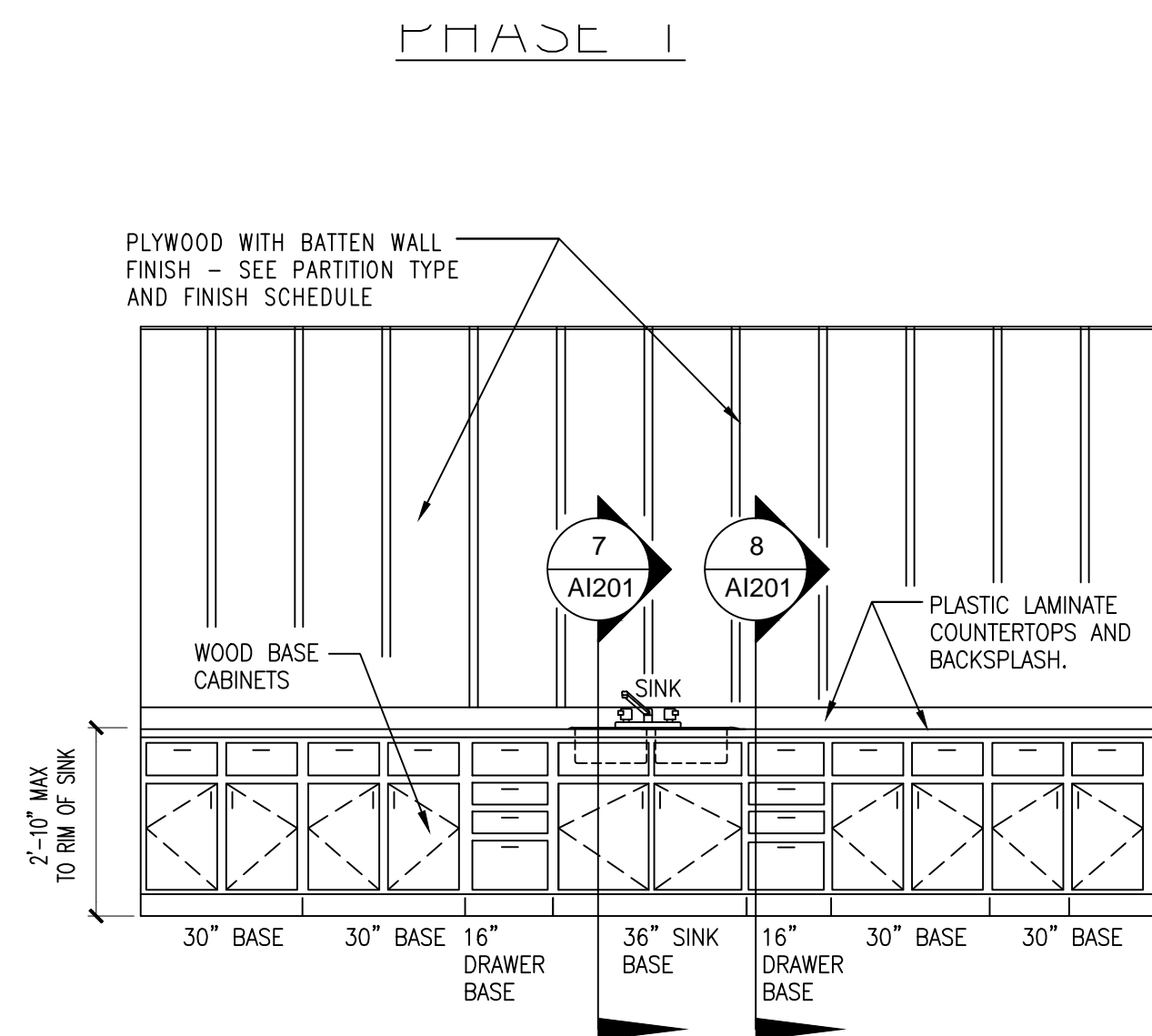
8 SECTION
AI201 SCALE: NOT TO SCALE



7 SECTION
AI201 SCALE: NOT TO SCALE

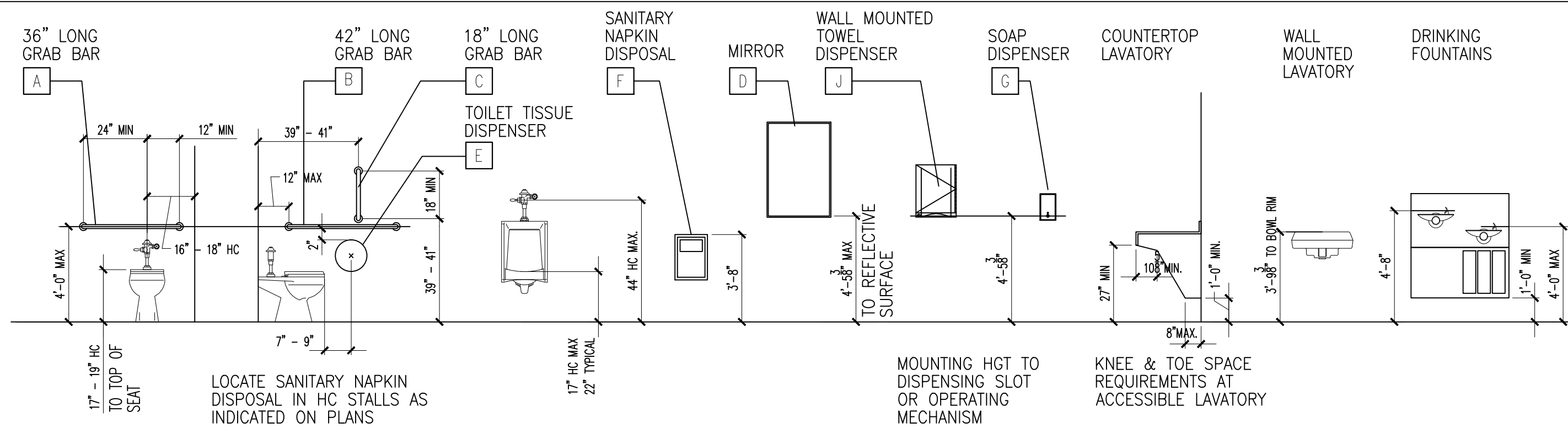


6 LAVATORY SECTION
AI201 SCALE: NTS



4 KITCHEN 105
AI201 SCALE: 3/8" = 1'-0"

PLUMBING FIXTURE AND TOILET ACCESSORY MOUNTING HEIGHT SCHEDULE



NOTES:

- HIGHEST CONTROL, OPERATING MECHANISM, AND/OR DISPENSING/ DISPOSAL SLOT OF TOILET ROOM ACCESSORIES SHALL BE 48" MAX. A.F.F.
- CONTROLS AND OPERATING MECHANISMS OF TOILET ROOM ACCESSORIES SHALL BE OPERABLE BY A 5 LB. MAX. FORCE.
- CLEARANCE FROM WALL TO CENTER LINE OF TOILETS IS FROM FINISHED SURFACE OF WALL, NOT FROM WALL STUDS.
- FLUSH CONTROL VALVES IN THE HC ACCESSIBLE TOILET STALL SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREA AND BE ACCESSIBLE BELOW THE GRAB BAR.
- PROVIDE PROTECTIVE INSULATING COVERS FOR HOT AND COLD WATER SUPPLIES, DRAIN AND P-TRAP. COLOR SHALL MATCH THE FIXTURE.



INDICATES HANDICAP ACCESSIBLE FIXTURE ALSO MEETING ADA REQUIREMENTS.

ACCESSORY SCHEDULE

MARK	DESCRIPTION
A	WALL MOUNTED GRAB BAR 1 1/4" DIA. x 36" LONG W/ SANITARY SAFETY FINISH
B	WALL MOUNTED GRAB BAR 1 1/4" DIA. x 42" LONG W/ SANITARY SAFETY FINISH
C	WALL MOUNTED VERTICAL GRAB BAR 1 1/4" DIA. x 18" LONG W/ SANITARY SAFETY FINISH
D	FRAMED MIRROR UNIT
E	TOILET TISSUE DISPENSER
F	SANITARY NAPKIN DISPOSAL
G	WALL MOUNTED SOAP DISPENSER (OFCI)
H	ROBE HOOK
J	WALL MOUNTED TOWEL DISPENSER (OFCI)
K	MOP HOOK

REVISIONS

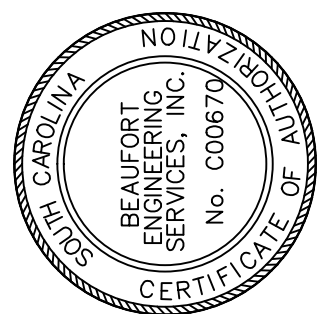
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INTERIOR ELEVATIONS AND DETAILS

ADA UPGRADES AT THE ALLENDALE HUT

195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

JOB NO. 2013.023.00
DRAWN MM
DATE 1/22/2014
APPR.

SHEET

AI201

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REVISIONS

NO.	DATE	DESCRIPTION	APPR.

GENERAL NOTES

1. COORDINATE WORK WITH APPROPRIATE AUTHORITIES HAVING JURISDICTION AND OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS. WHEN WORK IS COMPLETE, PROVIDE THE OWNER WITH APPLICABLE CERTIFICATES OF FINAL INSPECTION AND COMPLETION FROM SAID AUTHORITIES.

2. INSTALL THE SYSTEMS IDENTIFIED IN THE CONTRACT DOCUMENTS IN ACCORDANCE WITH THE LISTED CODES AND STANDARDS AND THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES. IN THE EVENT OF A CONFLICT BETWEEN VARIOUS CODES AND STANDARDS, THE MOST STRINGENT SHALL APPLY.

3. COORDINATE LOCATION AND INSTALLATION OF EQUIPMENT AND ROUTING OF PIPING WITH ALL TRADES INVOLVED TO AVOID CONFLICT AND SO THAT NEW OR REPAIRED FINISHES ARE NOT DISTURBED. VERIFY THAT THE MANUFACTURER’S REQUIRED CLEARANCES FOR MAINTENANCE AND OPERATION ARE PROPERLY MAINTAINED.

4. ARRANGE PIPING, PARTICULARLY ABOVE CEILINGS, AS REQUIRED TO CLEAR STRUCTURE, DUCTS, CONDUIT, ETC., ALLOWING SPACE FOR HANGERS AND ACCESS TO VALVES AND FOR MAINTENANCE OF EQUIPMENT. UNLESS OTHERWISE NOTED, PIPING SHALL BE RUN AS HIGH AS POSSIBLE, CONCEALED ABOVE CEILINGS, IN WALLS AND PARTITIONS, AND IN PIPE CHASES.

5. PIPING INSULATION SHALL BE RUN CONTINUOUSLY THROUGH NON–RATED FLOORS, WALLS, AND PARTITIONS UNLESS NOTED OTHERWISE.

6. COORDINATE WITH ARCHITECTURAL DRAWINGS BEFORE ROUGHING–IN PLUMBING FIXTURES.

7. MAKE PROPER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCH MAINS, ELBOW, AND CONNECTIONS ARE NOT SHOWN.

8. ALL NEW PLUMBING FIXTURES AND EQUIPMENT SHALL BE PROVIDED COMPLETE WITH ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO HANGERS, VALVE STOPS, TRAPS, FAUCETS AND STRAINER AS REQUIRED TO PROVIDE A COMPLETE AND FULLY OPERABLE SYSTEM.

9. SLOPES AND INVERT ELEVATIONS OF EXTERIOR SEWERS, MANHOLES, ETC. SHALL BE ESTABLISHED AND VERIFIED BY THE CONTRACTOR BEFORE ANY PIPING IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED AND NECESSARY INVERT ELEVATIONS OBTAINED.

10. ALL PLUMBING VENTS IN EXTERIOR WALLS SHALL BE OFF–SET A MINIMUM OF 3’–0” AT ROOF BEFORE ROOF PENETRATION.

11. ALL VENTS WITHIN A 10’–0” RADIUS OF OUTDOOR AIR INTAKES SHALL BE EXTENDED TO A HEIGHT OF 2’–0” ABOVE THE HIGHEST POINT OF INTAKE.

12. ALL INDIRECT CONNECTIONS SHALL HAVE AIR CAP OF NO LESS THAN 2 PIPING DIAMETERS.

13. DEEP SEAL P–TRAPS CONFORMING TO ASSE 1018 OR ASSE 1044 SHALL BE PROVIDED FOR ALL FLOOR DRAINS.

LEGEND

INDICATES ITEM TO BE DEMOLISHED

NEW WORK NOTE (SEE SCHEDULE)

POINT OF CONNECTION (P.O.C.)

FLOOR SINK, DEEP SEAL P–TRAP, NO GRATE, NUMBER INDICATES SIZE

SANITARY SEWER CLEANOUT

SANITARY SEWER CLEANOUT (GRADE)

NEW COLD WATER

NEW HOT WATER

NEW SANITARY SEWER

NEW SS VENT PIPING

EXISTING COLD WATER

EXISTING HOT WATER

EXISTING SANITARY SEWER

EXISTING SS VENT PIPING

C
H
EX.
P.O.D.
SS
V
WP
VTR
DWV
B/F
WH–1
EWC

COLD WATER
HOT WATER
EXISTING
POINT OF DISCONNECTION
SANITARY SEWER
VENT
WASTE PIPE
VENT THROUGH ROOF
DRAINAGE WASTE VENT
BACK FLOW PREVENTOR
WATER HEATER DESIGNATION
ELECTRIC WATER COOLER

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FAIRHOPE, ALABAMA
PLUMBING ENGINEER
BES, INC.
No. 000670
CERTIFICATE OF

PLUMBING NOTES AND SCHEDULE

ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

JOB NO.
2013.023.00

DRAWN
TFUGARD

DATE
1/22/2014

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DATE

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P001

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PLUMBING SCHEDULES

ADA UPGRADES AT THE ALLENDALE HUT

195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

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P002

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PLUMBING FIXTURE SCHEDULE

SYM	DESCRIPTION	COLD	HOT	WASTE	NOTES
P-1	WATER CLOSET: TANK TYPE, FLOOR MTD, ELONG BOWL KOHLER #K-3609 OR EQUAL PROVIDE WITH STRONGHOLD OPEN FRONT ELONGATED SEAT KOHLER #K-9400C OR EQUAL	3/4"	-	3"	1,2,3
P-2	WATER CLOSET: ADA H.C. TANK TYPE, FLOOR MTD, ELONG BOWL KOHLER #K-3609 OR EQUAL PROVIDE WITH STRONGHOLD OPEN FRONT ELONGATED SEAT KOHLER #K-9400C OR EQUAL	3/4"	-	3"	1,2,3
P-3	URINAL: ADA WALL HUNG, VITREOUS CHINA AMERICAN STANDARD MODEL: TRIMBROOK PROVIDE WITH FLUSHVALVE, 1.0 GPF SLOAN REGAL 180-1.0 WALL CARRIER, MIFAB SERIES MC-31	1-1/4"	-	3"	1,2,3
P-4	LAVATORY, ADA COMPLIANT: VITREOUS CHINA, WALL MOUNT, REAR DRAIN SINGLE LEVER ADA FAUCET, GRID DRAIN W/ OFFSET TAILPIECE, HEAT SHIELDED ADA P-TRAP. KOHLER #K-2031 WITH DELTA MODEL 22C131 WALL CARRIER, MIFAB SERIES MC-41	1/2"	1/2"	1-1/4"	1,2,3
P-5	LAVATORY, ADA COMPLIANT: VITREOUS CHINA, UNDERMOUNT, REAR DRAIN. SINGLE LEVER ADA FAUCET, GRID DRAIN W/ OFFSET TAILPIECE, HEAT SHIELDED ADA P-TRAP. SLOAN MODEL SS-3001 WITH DELTA MODEL 22C131	1/2"	1/2"	1-1/4"	1,2,3
P-6	ELECTRIC WATER COOLER: WALL MOUNTED, STNLS STL BASINS & CABINETS, ADA HIGH/LOW COMBINATION, 120V, 1/4HP 8.0 GPH Ø 50". ELKAY #E2STL8C	1/2"	-	1-1/2"	1,2,3
P-7	MOP SINK, 24"x24". FLORESTONE PRODUCTS CO. MODEL MSR-2424 PROVIDE WITH FOLLOWING ACCESSORIES: 1. MODEL MR-370, 5/8" HOSE, 5' LONG WITH CLAMP. 2. MODEL MR-371 FAUCET WITH VACUUM BREAKER, DOUBLE STOPS AND BUCKET HOOK WITH BRACE. 3. MR-372 MOP HANGER WITH 3 CLAMPS. 4. MR-373 STAINLESS STEEL RIM GUARD. 5. MR-374 WEDGE-LOCK SEAL. 6. MR-375 FLAT STRAINER, CHROME. 7. MR-378 DOME STRAINER, CHROME. 8. MR-377 TWO (2) EACH 24" PANELS ON ONE (1) 24" PANEL AND ONE (1) 36" PANEL.	3/4"	3/4"	2"	1,2,3
FD	FLOOR DRAIN: DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET. ADJUSTBLE COLLAR WITH SEEPAGE SLOTS, ZURN MODEL ZN415-I. PROVIDE WITH TRAP PRIMER.	-	-	3	1,2

NOTES:

1. BASIS OF DESIGN IS NOT INTENDED TO LIMIT EQUIPMENT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE AND QUALITY.

2. PROVIDE ALL FIXTURES WITH P-TRAP. S-TRAP IS NOT PERMITTED.

3. WATER HAMMER ARRESTORS: PERMANENTLY SEALED MECHANICAL DEVICE, PRE-CHARGED, THREADED CONNECTION. ASSE 1010 - 2004 CERTIFIED. INSTALL AS CLOSE AS POSSIBLE TO WATER QUICK-CLOSING VALVE. NO ACCESS PANEL REQUIRED. PISTON-TYPE: HARD DRAWN SEALED COPPER BODY WITH PLASTIC RINGS AND PISTON, THREADED ADAPTER: SIOUX CHIEF 650 SERIES OR EQUAL.

ELECTRIC WATER HEATER

N.T.S. (WH-1)

WATER HEATER SCHEDULE

ITEM	LOCATION	TYPE (SEE NOTE)	QTY.	VOLUME (GALLONS)	RECOVERY (GPH)	CONNECTIONS		ELECTRICAL		REMARKS
						CW	HW	KW	VOLTS/PHASE	
WH-1	CLOSET	A.O. SMITH DEL-30-4.5	1	30	18	3/4"	3/4"	4.5	208V/1 PH	TANK-TYPE WATER HEATER

NOTE:

BASIS OF DESIGN IS A.O. SMITH BUT IS NOT INTENDED TO LIMIT EQUIPMENT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE AND QUALITY.

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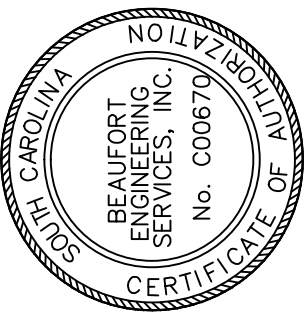
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PLUMBING DETAILS

ADA UPGRADES AT THE ALLENDALE HUT

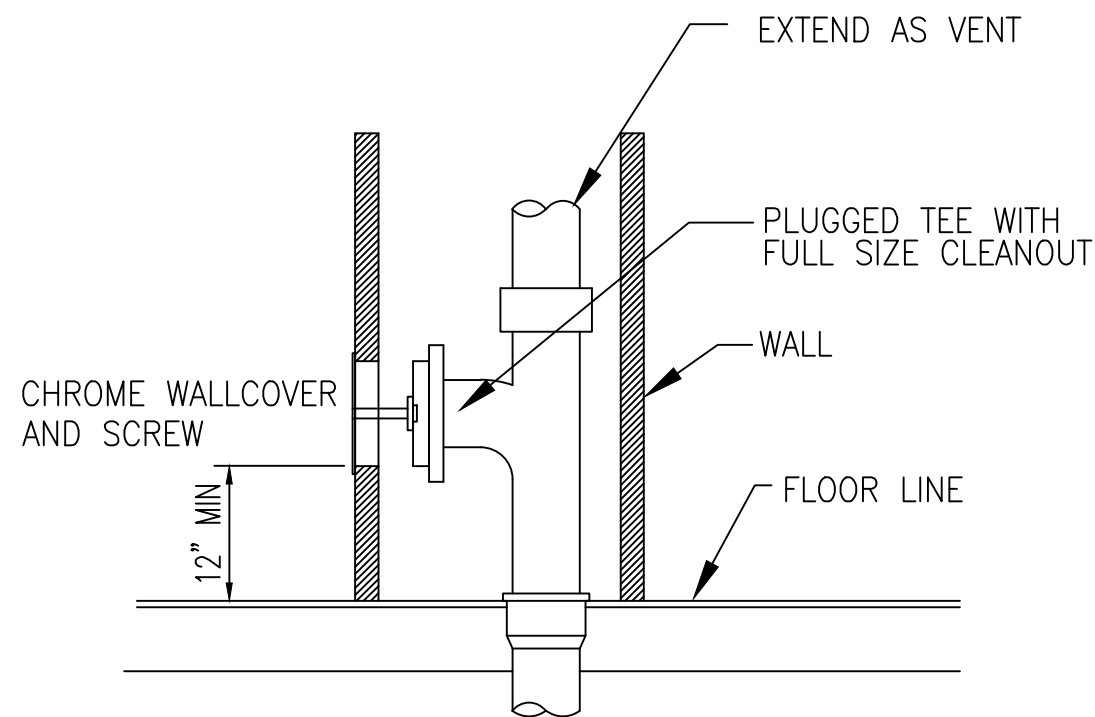
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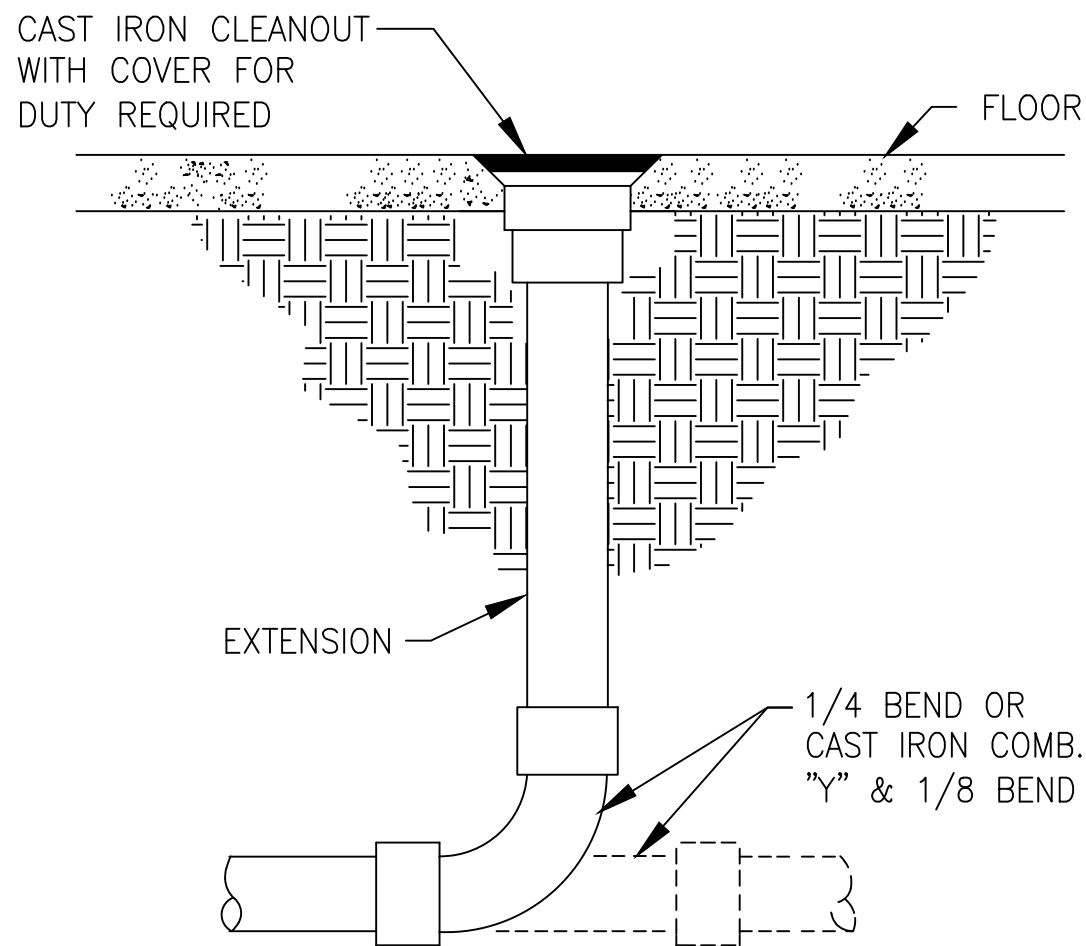
SHEET

P003

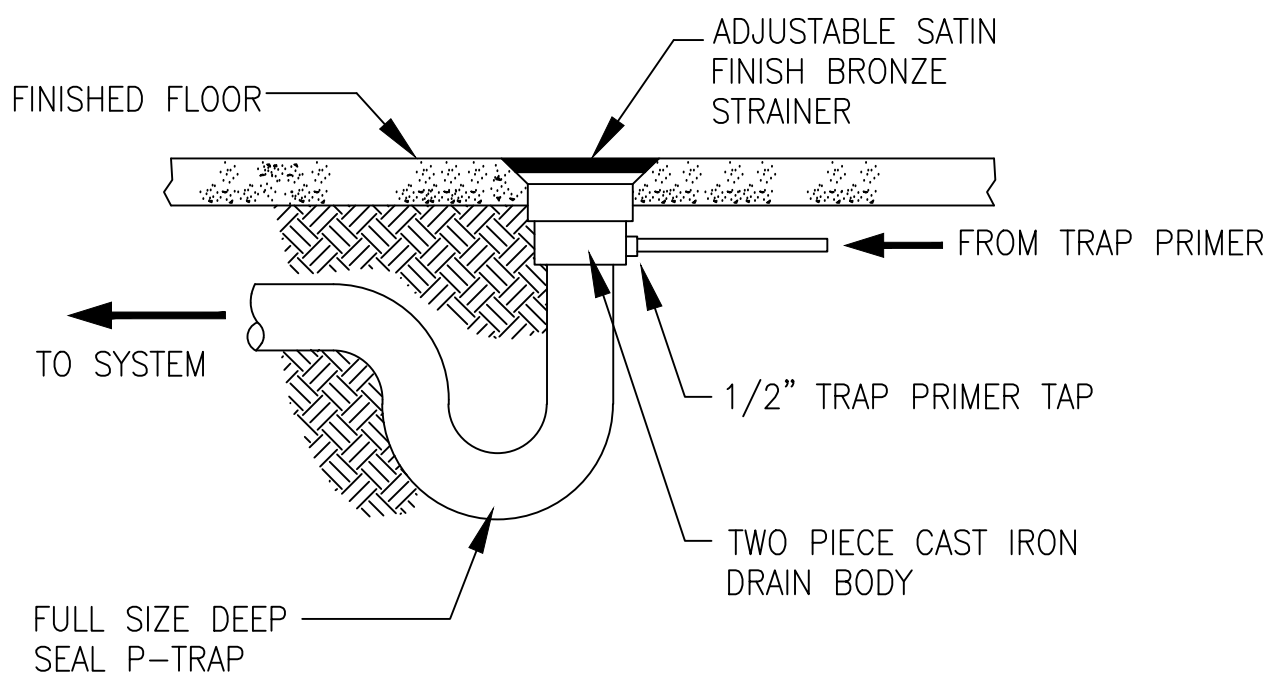
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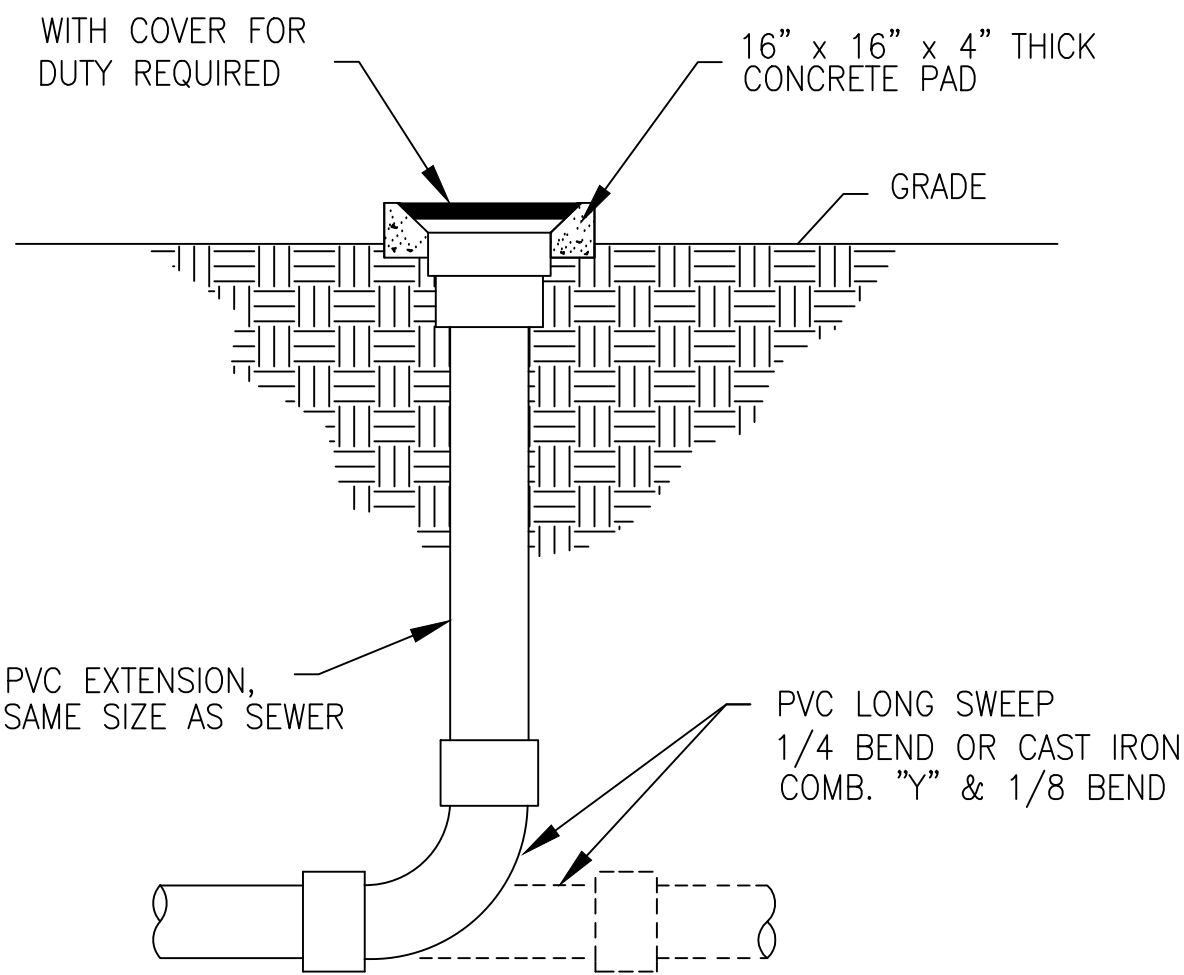
WALL CLEANOUT
SCALE: NONE



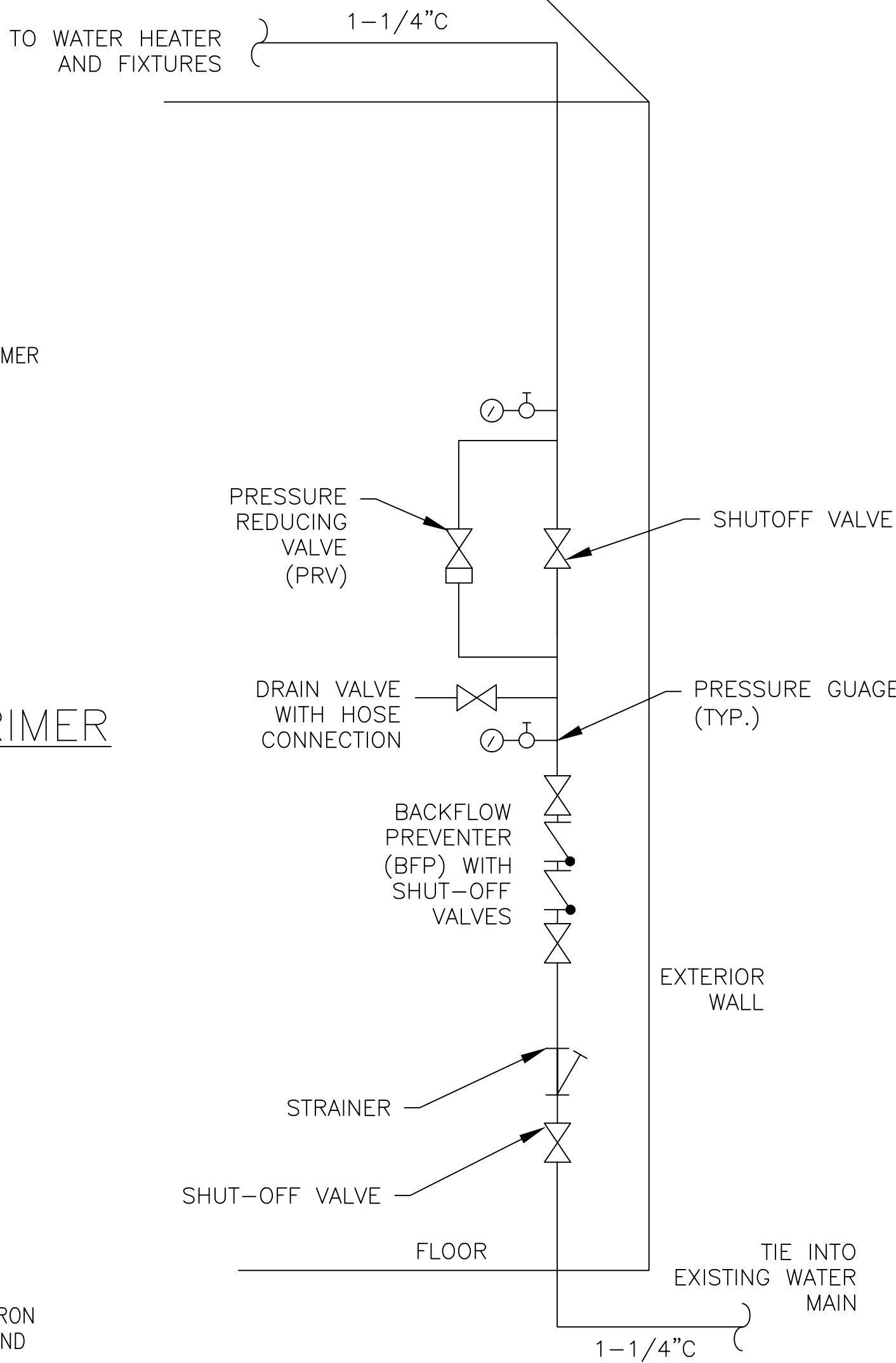
FLOOR CLEANOUT
SCALE: NONE



FLOOR DRAIN W/ TRAP PRIMER
SCALE: NONE



CLEANOUT TO GRADE
SCALE: NTS



WATER RISER WITH BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE
SCALE: NTS

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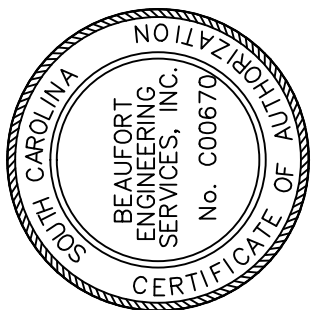


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SEAL



PLUMBING PLAN – NEW WORK

ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

JOB NO.	DRAWN	DATE	APPR.	DATE
2013.023.00	TRUGARD	1/22/2014	B. COFFMAN	

SHEET

P101

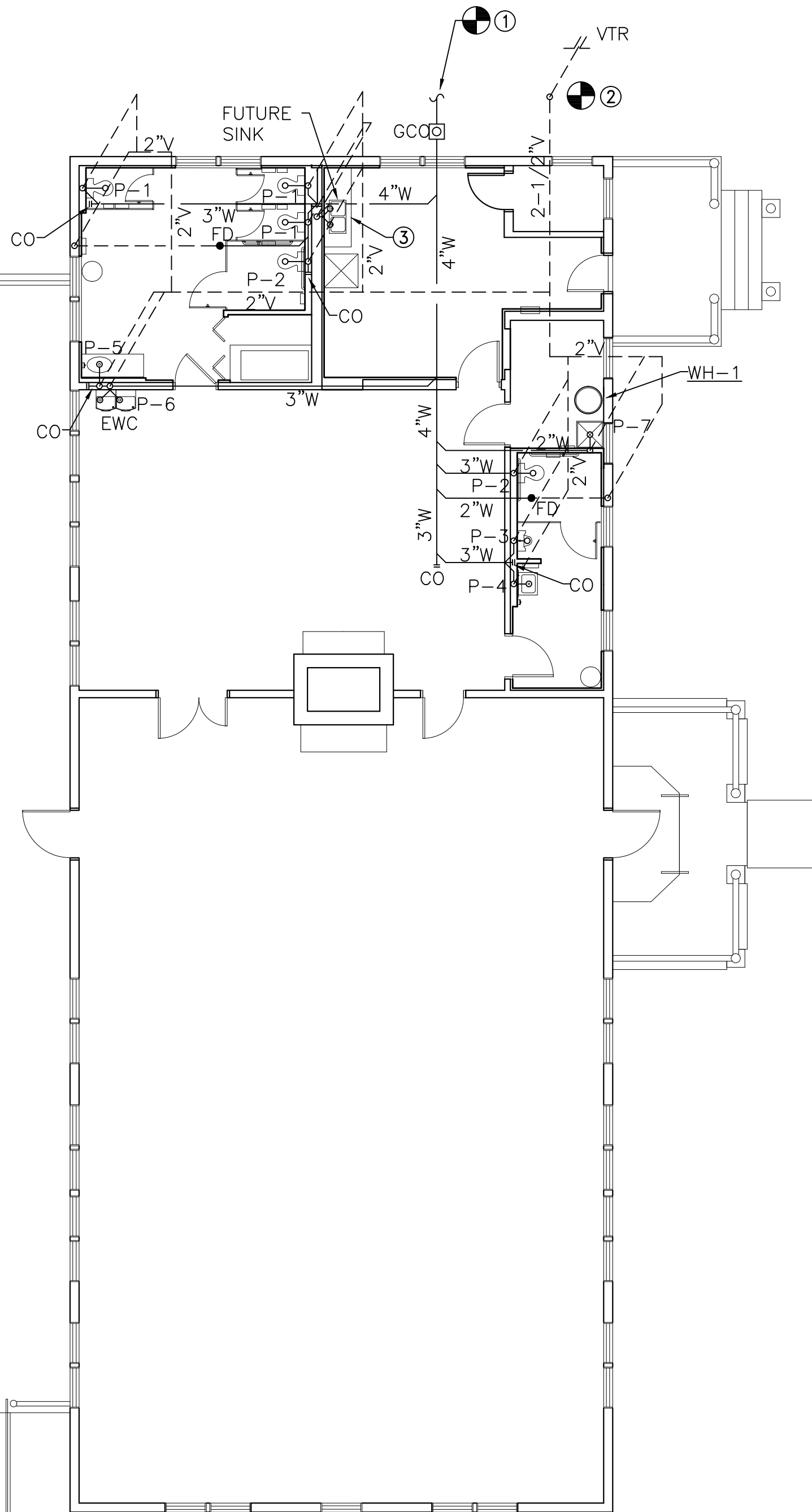
11 OF 17

NEW WORK NOTE SCHEDULE

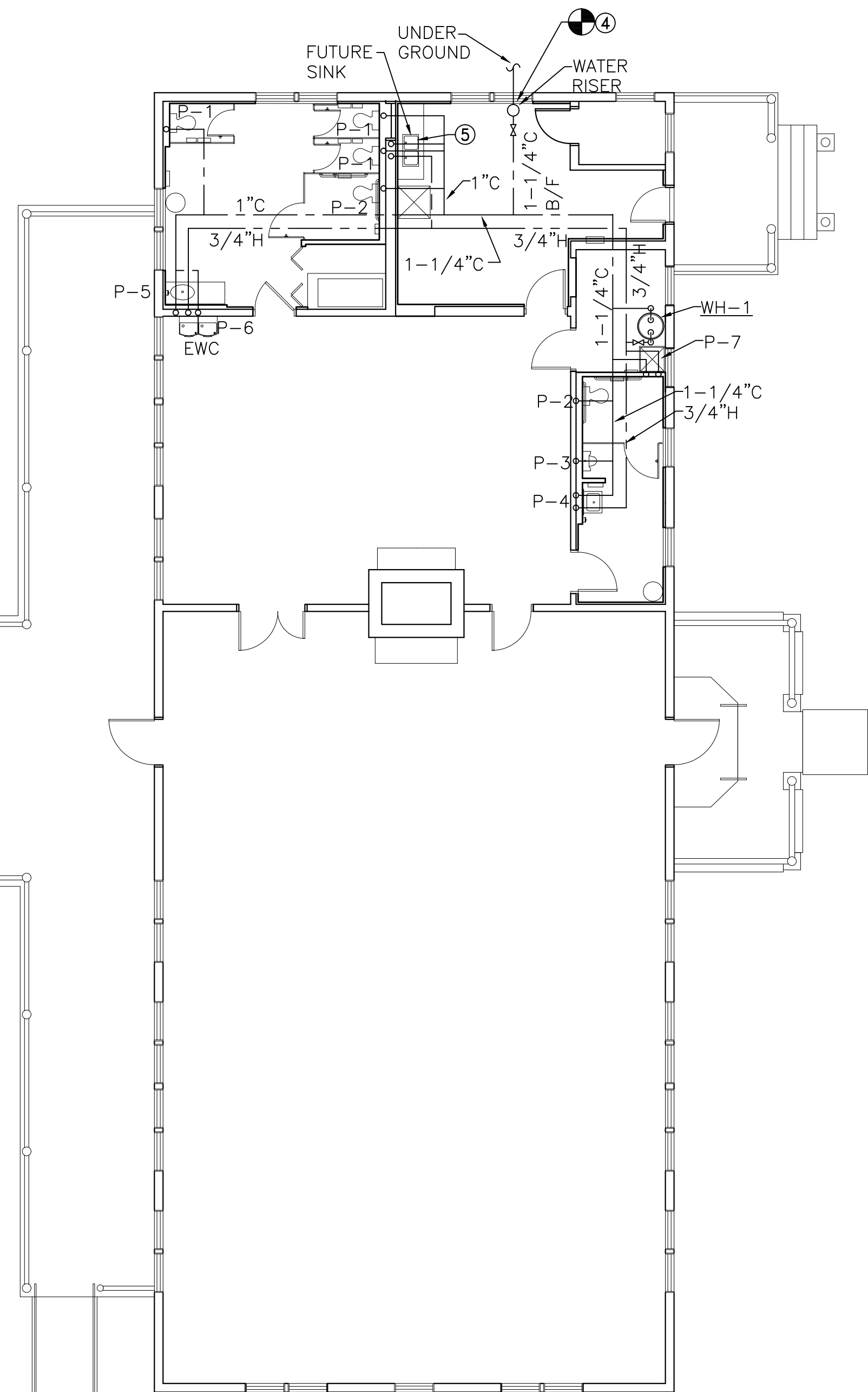
- CONNECT NEW 4" WASTE LINE TO EXISTING MAIN WASTE LINE EXITING THE BUILDING.
- CONTRACTOR SHALL RUN NEW VENT LINE THROUGH ROOF.
- STUB OUT WASTE, CAP AND ABANDON IN WALL FOR FUTURE USE BY OWNER.
- CONNECT NEW 1-1/4" COLD WATER LINE TO EXISTING WATER MAIN UNDER THE BUILDING. PROVIDE SHUT OFF VALVE AT CONNECTION TO EXISTING WATER MAIN ON NEW WATER LINE TO ISOLATE MAIN BUILDING FROM ADJACENT BUILDING. PROVIDE NEW BACKFLOW PREVENTER PER DETAIL ON SHEET P003.
- NEW HOT AND COLD WATER STUB OUT AND CAP FOR FUTURE USE BY OWNER.

GENERAL NEW WORK NOTES

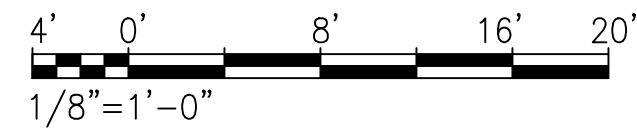
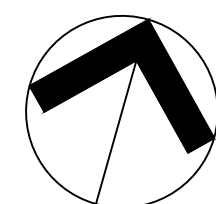
- ALL EXISTING WATER PIPING SHOULD BE REMOVED DURING DEMOLITION BACK TO THE MAIN COLD WATER LINE SERVING THE BUILDING.
- PLUMBING CONTRACTOR SHALL ROUTE WATER PIPING IN THE CRAWL SPACE UNDER THE BUILDING WITH PENETRATIONS BEING MADE AS CLOSE TO THE FIXTURE BEING SERVED AS POSSIBLE.
- PLUMBING CONTRACTOR SHALL VERIFY SLOPES AND INVERT ELEVATIONS AND INSTALL PIPING IN A MANNER THAT MAINTAINS THESE REQUIREMENTS. CONTRACTOR SHALL INSTALL PIPING AS TIGHT TO DECK AS POSSIBLE.



1 PLUMBING PLAN – DWV – NEW WORK
P101 SCALE: 1/8" = 1'-0"

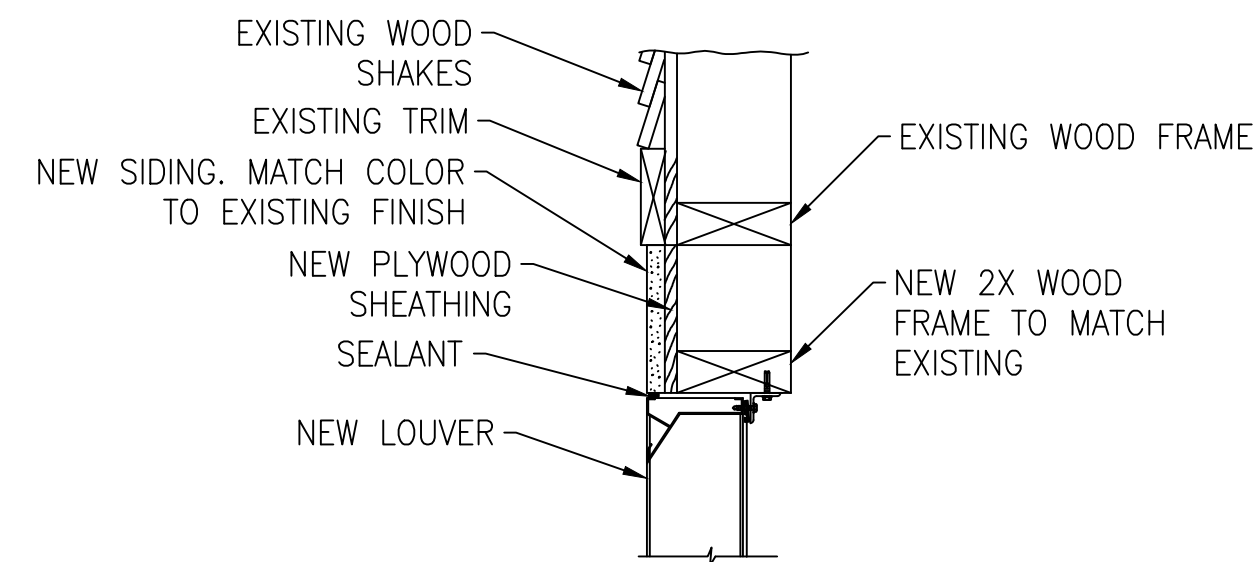


2 PLUMBING PLAN – WATER – NEW WORK
P101 SCALE: 1/8" = 1'-0"

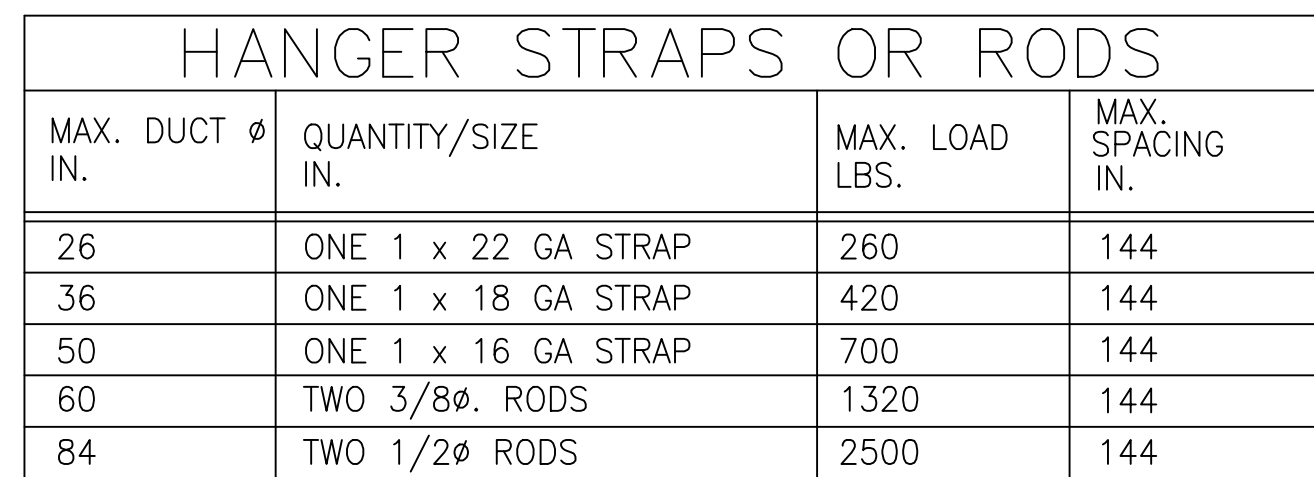




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LOUVER INSTALLATION DETAIL
SCALE: NTS

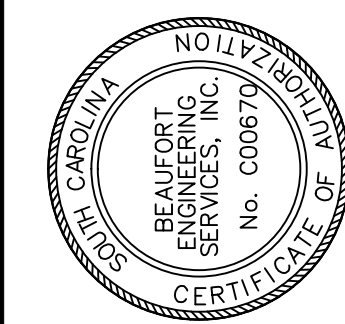


ROUND DUCT STRAP AND HANGER DETAIL

SCALE: NTS

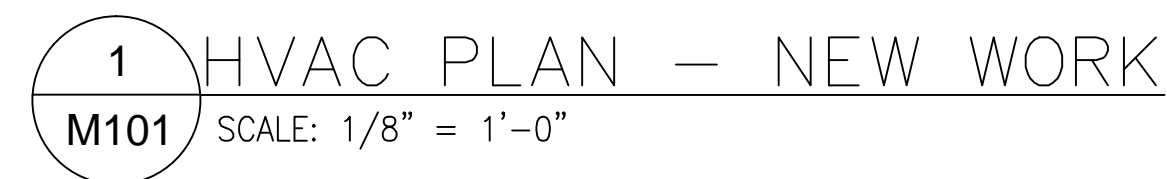
GENERAL NOTES

1. COORDINATE WORK WITH APPROPRIATE AUTHORITIES HAVING JURISDICTION AND OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS. WHEN WORK IS COMPLETE, PROVIDE THE OWNER WITH APPLICABLE CERTIFICATES OF FINAL INSPECTION AND COMPLETION FROM SAID AUTHORITIES.
2. INSTALL THE SYSTEMS IDENTIFIED IN THE CONTRACT DOCUMENTS IN ACCORDANCE WITH THE LISTED CODES AND STANDARDS AND THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES. IN THE EVENT OF A CONFLICT BETWEEN VARIOUS CODES AND STANDARDS, THE MOST STRINGENT SHALL APPLY.
3. COORDINATE LOCATION AND INSTALLATION OF EQUIPMENT WITH OTHER TRADES. VERIFY THAT THE MANUFACTURER'S REQUIRED CLEARANCES FOR MAINTENANCE AND OPERATION ARE PROPERLY MAINTAINED. EQUIPMENT WITH FILTERS SHALL BE INSTALLED SO THAT FILTERS CAN BE EASILY REMOVED AND REPLACED.
4. ARRANGE PIPING AND DUCTWORK, PARTICULARLY ABOVE CEILINGS, AS REQUIRED TO CLEAR STRUCTURE, DUCTS, CONDUIT, ETC, ALLOWING SPACE FOR HANGERS AND ACCESS FOR MAINTENANCE OF EQUIPMENT.
5. OVERHEAD DUCTWORK IN SPACES WITHOUT HUNG CEILINGS SHALL BE RUN AS CLOSE TO ROOF DECK AS PRACTICABLE, AS CLOSE TO PARALLEL JOISTS AS POSSIBLE AND ABOVE LIGHTING FIXTURES TO CONCEAL PIPING.
6. COORDINATE LOCATIONS OF GRILLES, REGISTERS, DIFFUSERS, THERMOSTATS AND OTHER WALL OR CEILING MOUNTED HVAC ACCESSORIES WITH REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS. COORDINATE WITH LIGHTING FIXTURE LAYOUT AND ACCESSORIES INSTALLED BY OTHER TRADES SO AS TO PRESENT A NEAT AND ATTRACTIVE INSTALLATION THROUGHOUT THE ENTIRE BUILDING. IT IS THE INTENT FOR CEILING MOUNTED DEVICES AND ACCESSORIES TO BE INSTALLED IN THE CENTER OF CEILING PANELS.







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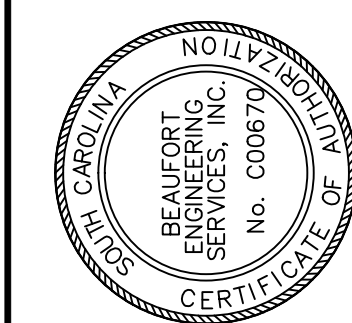
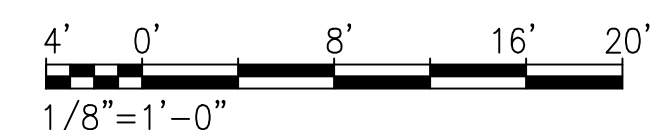


- ① COORDINATE LOCATION AND MOUNTING HEIGHT OF 18"x18"
(RUSKIN ELF375DX OR EQUAL) LOUVER WITH OWNER IN THE
FIELD.
- ② TERMINATE OPEN DUCT ABOVE CEILING AFTER WALL
PENETRATION.

NOTES:

1. BASIS OF DESIGN IS GREENHECK BUT IS NOT INTENDED TO LIMIT SELECTION. PROVIDE INDICATED EQUIPMENT OR EQUIPMENT OF EQUAL PERFORMANCE, CAPACITY, AND QUALITY.
2. EXHAUST FAN SHALL BE CONTROLLED BY WALL SWITCH, ON/OFF.

REGISTER, LOUVER & GRILLE SCHEDULE					
MARK	TYPE	SERVICE	SYMBOL	BLOW	REMARKS/NOTES
E	REGISTER FIXED ANGLED VANES	EXHAUST		—	EXHAUST REGISTER AS INDICATED— REGISTER MOUNTED ON CEILING EXHAUST FAN
T	SQUARE; FIXED ANGLE VANES; FLUSH MOUNT TYPE	TRANSFER		—	TRANSFER GRILLE; 45° ANGLED VANES; ALUMINUM 24x24 LAY-IN FRAME; GYP BD CEILINGS PROVIDE FLUSH MOUNTED FRAME
L	LOUVER FIXED ANGLED VANES SURFACE MOUNTED	EXHAUST	—	—	WALL LOUVER—EXTRUDED ALUMINUM DRAINABLE LOUVER WITH BIRD SCREEN RUSKIN ELF375DX IS BASIS OF DESIGN



Electrical Notes and Specifications:

1. ELECTRICAL INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THE PRESENTLY EFFECTIVE VERSION OF THE NATIONAL ELECTRIC CODE AND ALL OTHER APPLICABLE STATE OR LOCAL CODES, LAWS, AND ORDINANCES. WHERE ONE CODE DIFFERS FROM ANOTHER, THE MORE STRINGENT SHALL APPLY.

2. THE WORD "CONTRACTOR" AS USED IN THE "ELECTRICAL SCOPE OF WORK" SHALL MEAN THE ELECTRICAL SUBCONTRACTOR.

3. WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL", UNLESS NOTED OTHERWISE.

4. THE CONTRACTOR SHALL OBTAIN ALL LICENSES, PERMITS, INSPECTIONS, AND CERTIFICATES OF APPROVAL FROM ALL AUTHORITIES HAVING JURISDICTION AND SHALL PAY ALL FEES REQUIRED FOR THE EXECUTION OF THIS WORK. SATISFACTORY EVIDENCE OF COMPLIANCE WITH THE REQUIREMENTS AND ALL CERTIFICATES OF INSPECTION SHALL BE DELIVERED TO THE OWNER PROMPTLY UPON REQUEST. THE CONTRACTOR SHALL ALSO PAY FOR ANY REQUIRED TEST(S) AND PROVIDE ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE TEST(S).

5. ALL WORK SHALL BE PERFORMED IN A NEAT, CLEAN, AND ORDERLY MANNER. ALL WIRING AND RACEWAYS SHALL BE CONCEALED TO THE GREATEST EXTENT POSSIBLE.

6. THE CONTRACTOR SHALL SUPPLY ALL MATERIAL, EQUIPMENT, TOOLS, TRANSPORTATION, AND SUPERVISION TO PROVIDE A COMPLETE AND SATISFACTORYLY OPERATING ELECTRICAL SYSTEM. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR STORING AND HANDLING ALL MATERIALS; THIS INCLUDES ANY OWNER SUPPLIED MATERIAL, FIXTURES OR EQUIPMENT.

7. ALL MATERIAL, EQUIPMENT, AND FIXTURES SHALL BE SPECIFICATION GRADE, NEW, AND U.L. LISTED FOR THE PURPOSE FOR WHICH IT IS USED.

8. THE ENTIRE ELECTRICAL SYSTEM SHALL BE FREE OF IMPROPER GROUNDS, SHORT OR OPEN CIRCUITS AND BE TESTED PRIOR TO ENERGIZING THE SYSTEM. ANY DEFECTS DISCOVERED DURING TESTING SHALL BE CORRECTED BY THE CONTRACTOR.

9. CONTRACTOR SHALL GUARANTEE ELECTRICAL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL FURNISH A WRITTEN COPY OF THE GUARANTEE TO THE OWNER. CONTRACTOR SHALL SUPPLY ALL LABOR AND MATERIALS REQUIRED TO PERFORM ANY WARRANTY WORK AT NO CHARGE TO THE OWNER.

10. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY LIGHTING AND POWER AS REQUIRED FOR ALL TRADES, INCLUDING ANY THREE-PHASE POWER REQUIRED, DURING THE COURSE OF THE PROJECT. TEMPORARY LIGHTING SHALL BE ADEQUATE ENOUGH TO ENSURE WORKER SAFETY AND SHALL COMPLY WITH OSHA STANDARDS. UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TEMPORARY LIGHTING AND POWER.

11. ALL CONDUCTORS SHALL BE 75 DEGREE C, 600 VOLT, TYPE THWN/THHN INSULATION COPPER CONDUCTOR UNLESS NOTED OTHERWISE. ALL CONDUCTORS INSTALLED BELOW GRADE SHALL HAVE TYPE THWN INSULATION.

12. ALL BRANCH CIRCUIT WIRING SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE. ANY CIRCUIT INDICATED TO BE LARGER THAN #12 AWG SHALL BE SIZED AS INDICATED FOR THE ENTIRE LENGTH OF THE CIRCUIT.

13. UNLESS OTHERWISE NOTED ALL 120-VOLT, 20-AMP CIRCUIT WIRING UP TO 90 FEET SHALL BE #12 AWG; CIRCUITS EXCEEDING 90 FEET IN LENGTH FROM THE PANEL TO THE FURTHEST OUTLET OF POWER (RECEPTACLE, LIGHT FIXTURE, ETC.) SHALL UTILIZE #10 AWG CONDUCTORS.

14. ALL BELOW GRADE CONDUCTORS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT.

15. ALL CONDUCTORS INSTALLED ABOVE GRADE AND INDOORS SHALL BE IN EMT CONDUIT WITH STEEL COMPRESSION TYPE FITTINGS. TYPE 'MC' CABLE SHALL BE PERMITTED FOR BRANCH CIRCUITS CONCEALED IN WALLS OR CEILINGS AS PERMITTED BY THE NATIONAL ELECTRIC CODE.

16. ALL CONDUCTORS INSTALLED ABOVE GRADE AND OUTDOORS SHALL BE IN SCH 80 PVC OR RGS CONDUIT AS PERMITTED BY THE NATIONAL ELECTRIC CODE.

17. ALL RACEWAYS SHALL BE INSTALLED CONCEALED IN WALLS, CEILINGS, FLOORS AND OTHER CAVITIES TO THE GREATEST EXTENT PRACTICAL. ANY EXPOSED RACEWAYS REQUIRED SHALL BE RUN SO AS TO MINIMIZE THE NUMBER OF VERTICAL RUNS. ALL EXPOSED CONDUIT SHALL BE ROUTED TIGHT AGAINST THE STRUCTURE AND BE RUN PARALLEL AND PERPENDICULAR TO THE WALLS, CEILINGS, AND FLOORS, AS APPLICABLE.

18. ALL CONNECTIONS TO EQUIPMENT SUBJECT TO VIBRATION SUCH AS MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, MOTORS, TRANSFORMERS, AND THE LIKE, SHALL BE MADE USING METALLIC FLEX. ALL OUTDOOR FLEX SHALL BE PVC COATED. NO METALLIC FLEX SHALL EXCEED 6 FEET IN LENGTH.

19. ALL INDOOR DISCONNECTS AND PANELS SHALL BE IN NEMA TYPE 1 ENCLOSURES, UNLESS NOTED OTHERWISE. ALL EXTERIOR DISCONNECTS, PANELS, METER CENTERS AND SIMILAR EQUIPMENT SHALL BE IN NEMA TYPE 3R ENCLOSURES UNLESS NOTED OTHERWISE. ALL EQUIPMENT SHALL HAVE THE APPROPRIATE VOLTAGE AND CURRENT RATINGS SUITABLE FOR THE APPLICATION. ALL DISCONNECTS/SAFETY SWITCHES SHALL BE TOTALLY ENCLOSED, HEAVY DUTY TYPE, AND BE HORSEPOWER RATED (IF APPLICABLE).

20. CONTRACTOR SHALL VERIFY ALL MECHANICAL AND EQUIPMENT (HVAC UNITS, WATER HEATERS, MOTORS, ETC.) ELECTRICAL SIZES AND LOCATIONS PRIOR TO ROUGH-IN AND INSTALLING FEEDER CIRCUITS. CONTRACTOR SHALL ALSO COORDINATE CIRCUIT BREAKER AND DISCONNECT TYPE AND SIZES REQUIRED WITH MECHANICAL AND PLUMBING CONTRACTOR PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN ACTUAL EQUIPMENT ELECTRICAL REQUIREMENTS AND THAT SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

21. ALL WORK SHALL BE GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS. A COMPLETE EQUIPMENT GROUNDING SYSTEM, CONSISTING OF A GREEN INSULATED COPPER WIRE, SHALL BE INSTALLED IN EVERY CONDUIT REGARDLESS OF USE.

22. ALL PANELBOARDS SHALL HAVE THEIR SCHEDULES TYPED AND INSTALLED INSIDE THE FRONT COVER.

23. ALL ELECTRICAL EQUIPMENT (PANELBOARDS, SWITCHBOARDS, EQUIPMENT DISCONNECTS, ETC.) SHALL BE CLEARLY IDENTIFIED WITH LAMINATED PLASTIC NAMEPLATES. ENGRAVE EQUIPMENT DESIGNATION (NAME) AND IDENTIFYING INFORMATION (VOLTAGE, PHASE, FED FROM) AS SHOWN ON THE PLANS IN 1/4" HIGH LETTERS; ALL EQUIPMENT NAMEPLATES SHALL BE WHITE WITH RAISED BLACK LETTERS. NAMEPLATES SHALL BE ATTACHED TO THE FRONT OF EQUIPMENT ENCLOSURES, WHERE CLEARLY VISIBLE, WITH ADHESIVE AS WELL AS TWO SCREWS IN OPPOSITE ENDS.

24. ALL PANELBOARDS, DISCONNECTS, TRANSFORMERS, CIRCUIT BREAKERS, AND OTHER ELECTRICAL EQUIPMENT SHALL BE MANUFACTURED BY SQUARE-D CORPORATION TO MATCH EXISTING PANELS.

25. ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, OR CEILINGS SHALL BE FIRE STOPPED TO INSURE THE FIRE-RATED INTEGRITY OF THE FLOOR, WALL, OR CEILING THAT IS PENETRATED IS MAINTAINED. THE CONTRACTOR SHALL USE A U.L. LISTED AND RATED ASSEMBLY FOR THE SEALING MATERIAL AND METHOD.

26. OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE RATED FLOORS, WALLS, OR CEILINGS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY; BOXES SHALL BE SEPERATED BY STUDS OR OTHER STRUCTURAL MEMBER.

27. ALL CONDUIT RUNS AS SHOWN ON THE PLANS ARE DIAGRAMMATIC ONLY; EXACT ROUTING AND METHOD OF SUPPORT SHALL BE DETERMINED IN THE FIELD.

28. ALL WORK UNDER THIS SECTION SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES TO ELIMINATE ANY INTERFERENCES WITH DUCTWORK, PIPING, STRUCTURAL MEMBERS, ETC. CONFLICTS BETWEEN EQUIPMENT AND/OR MATERIAL LOCATIONS THAT ARISE SHALL BE CORRECTED BY THE CONTRACTOR AS DIRECTED BY THE ARCHITECT-ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

29. WHERE ABOVE COUNTER RECEPTACLE(S) AND LIGHT SWITCH(ES) ARE INDICATED TO BE MOUNTED ADJACENT TO ONE ANOTHER, THE DEVICES SHALL BE GROUPED TOGETHER AND MOUNTED UNDER A COMMON PLATE AT THE SAME HEIGHT, SO LONG AS THE VOLTAGES ARE THE SAME. IF THE VOLTAGES ARE DIFFERENT THE DEVICES SHALL BE MOUNTED IN SEPARATE BOXES AS REQUIRED BY THE NATIONAL ELECTRIC CODE.

30. PRIOR TO ROUGH-IN COORDINATE THE LOCATION AND MOUNTING HEIGHTS OF ALL WALL-MOUNTED DEVICES WITH THE MILLWORK, INTERIOR ELEVATIONS, AND GENERAL CONTRACTOR. NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A CONFLICT. REQUIRED ADJUSTMENTS IN DEVICE LOCATION (WITHIN 10' IN ANY DIRECTION OF THE EXISTING DEVICE) SHALL BE DONE SO AT NO ADDITIONAL COST TO THE OWNER.

31. PROVIDE PROPER NEMA CONFIGURATION RECEPTACLES FOR PLUGS SUPPLIED ON EQUIPMENT PROVIDED BY OTHERS.

32. CONTRACTOR SHALL PROVIDE CONDUIT AND PULL CORD FOR MECHANICAL EQUIPMENT TEMPERATURE CONTROL AND AUTOMATION SYSTEMS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS AND LOCATIONS.

33. PROVIDE A 3/4" EMT CONDUIT FROM EACH TELEPHONE, DATA, TELEVISION, OR TELEPHONE/DATA OUTLET TO 6" ABOVE THE CEILING. TURN EACH CONDUIT A MINIMUM OF 12" INTO THE CEILING CAVITY. PROVIDE EACH CONDUIT WITH AN INSULATED THROAT BUSHING AND PULL CORD FOR WIRING.

34. THE WORK OF THIS DIVISION SHALL ALSO INCLUDE THOSE ITEMS NOT SPECIFICALLY MENTIONED OR DESCRIBED BUT WHICH ARE NECESSARY TO PRODUCE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM THAT CONFORMS TO THE DESIGN INTENT. SUCH ITEMS INCLUDE BUT ARE NOT LIMITED TO: FITTINGS, BOXES, CONNECTORS, WIRE NUTS, BLANK COVERS, STRAPPING, FASTENERS, ETC.

35. ALL LIGHT SWITCHES AND RECEPTACLES SHALL BE BY THE SAME MANUFACTURER, CARRY THE APPROPRIATE VOLTAGE RATING AND CURRENT RATING (MINIMUM 20A), AND HAVE A GROUND SCREW. DEVICE COLOR SHALL BE SELECTED BY THE ARCHITECT UNLESS STATED WITH THE DEVICE. RECEPTACLES SHALL BE MOUNTED 18 INCHES ABOVE FINISHED FLOOR AND SWITCHES SHALL BE MOUNTED 48" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. DEVICES SHALL BE MANUFACTURED BY PASS AND SEYMOUR, LEVITON, ARROW-HART, OR A SIMILAR MANUFACTURER.

36. THE CONTRACTOR SHALL ADHERE TO EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS WHEN INSTALLING EQUIPMENT. IF A CONFLICT EXISTS BETWEEN THESE DRAWINGS AND THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND AWAIT CLARIFICATION IN WRITING.

37. ALL SPLICES SHALL BE MADE IN APPROPRIATE JUNCTION BOXES. SPLICES IN CONDUCTOR SIZE AWG #10 OR SMALLER MAY BE MADE USING SPRINGLOCK CONNECTORS (WIRE-NUTS). SPLICES IN CONDUCTORS LARGER THAN AWG #10 SHALL BE MADE USING COMPRESSION TYPE CONNECTORS OR INSULATED TERMINAL BLOCKS SUCH AS THOSE MANUFACTURED BY POLARIS.

38. OUTLET BOXES FOR RECEPTACLES, LIGHT FIXTURES, LIGHT SWITCHES AND OTHER SIMILAR DEVICES SHALL BE FIRMLY ATTACHED TO STUDS OR OTHER STRUCTURAL MEMBERS. ALL BOXES SHALL BE LEVEL AND PLUMB. BOXES INTENDED TO SUPPORT CEILING FANS OR LARGE LIGHTING FIXTURES SHALL BE ADEQUATELY BLOCKED FOR SUPPORT AND BE LISTED FOR THE PURPOSE.

39. LIGHTING SWITCHES SHALL BE LOCATED ON THE STRIKE SIDE OF DOORS AND BE LOCATED WITHIN 6" OF THE DOOR TRIM WHERE POSSIBLE. SINGLE POLE SWITCHES SHALL BE SET SO THAT THE SWITCH HANDLE IN THE 'UP' POSITION IS 'ON'.

40. CONTRACTOR SHALL SUBMIT MANUFACTURER'S DATA SHEETS FOR MATERIALS AND EQUIPMENT TO THE ENGINEER FOR REVIEW AND APPROVAL.

41. PRODUCTS USED ON THIS PROJECT SHALL BE MANUFACTURED BY COMPANIES REGULARLY ENGAGED IN THE PRODUCTION OF SIMILAR PRODUCTS WITH A MINIMUM HISTORY OF THREE YEARS SUCCESSFUL PRODUCTION.

42. CONTRACTOR SHALL FURNISH THE OWNER A COMPLETE BOUND SET OF EQUIPMENT CATALOG SHEETS, MANUFACTURER'S SPECIFICATIONS AND SERVICE, AND OPERATING INSTRUCTIONS ON EQUIPMENT FURNISHED UNDER THIS DIVISION UPON COMPLETION OF WORK UNDER THIS DIVISION.

43. CONTRACTOR SHALL PROVIDE ONE SET OF 'AS-BUILT' DRAWINGS TO THE OWNER UPON COMPLETION OF CONSTRUCTION. THE AS-BUILT DRAWINGS SHALL BE CLEAN, LEGIBLE, NEAT, COMPILED IN AN ORDERLY MANNER, AND CONTAIN ALL WORK PERFORMED BY THE CONTRACTOR THAT DEVIATES FROM THE ORIGINAL CONTRACT DOCUMENTS.

44. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE EXACT EXTENT OF WORK TO BE PERFORMED PRIOR TO SUBMITTING BID.

45. FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE, AS MANUFACTURED BY BUSSMAN OR APPROVED EQUAL.

46. BOXES SHALL BE GALVANIZED STEEL AND SHALL BE SIZED TO ACCOMMODATE WIRING, THE EQUIPMENT, OR APPARATUS TO BE INSTALLED AS REQUIRED BY NATIONAL ELECTRIC CODE.

47. WHERE MATERIAL IS CALLED OUT IN THE LEGEND BY MANUFACTURER, TYPE, OR CATALOG NUMBER, SUCH DESIGNATIONS ARE TO ESTABLISH STANDARDS OF DESIRED QUALITY. ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND ENGINEER.

48. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN.

49. LIGHT FIXTURES LOCATED IN MECHANICAL SPACES OR SPACES WITH EXPOSED CEILINGS SHALL BE CHAIN HUNG OR MOUNTED DIRECTLY TO THE STRUCTURE. UNDER NO CIRCUMSTANCES SHALL FIXTURES BE SUPPORTED FROM DUCTWORK, PIPING, OR THE WORK OF OTHER TRADES. COORDINATE EXACT FIXTURE LOCATIONS AND MOUNTING IN THE FIELD.

50. ALL EXIT SIGNS SHALL HAVE AN EMERGENCY BATTERY PACK, REGARDLESS OF HOW SPECIFIED IN THE FIXTURE SCHEDULE, AND NOT BE SWITCHED.

51. ALL EXIT SIGNS SHALL BE MANUFACTURED BY THE SAME COMPANY AND BE OF THE SAME SERIES, REGARDLESS OF WHETHER THEY ARE SINGLE OR DOUBLE-FACED AND HAVE CHEVRONS.

52. ALL EMERGENCY LIGHTING UNITS SHALL BE WIRED TO LOCAL LIGHTING CIRCUITS, BE WIRED AHEAD OF ANY LOCAL SWITCHES AND OPERATE UPON THE LOSS OF NORMAL POWER. EMERGENCY LIGHTING SHALL BE SUPPLIED BY THE SAME BRANCH CIRCUIT AS THAT POWERING THE LOCAL LIGHTING.

53. ALL FLUORESCENT LIGHT FIXTURES SHALL BE EQUIPPED WITH INSTANT START ELECTRONIC BALLASTS, AND PRODUCE A THD OF 10% OR LESS, REGARDLESS OF HOW SPECIFIED IN THE FIXTURE SCHEDULE.

54. ALL LIGHTING FIXTURES SHALL BE SUPPLIED WITH NEW LAMPS AT THE TIME OF INSTALLATION. ALL FLUORESCENT FIXTURES SHALL CONTAIN 4100K LAMPS WITH A CRI OF AT LEAST 82 UNLESS NOTED OTHERWISE.

55. LIGHTING FIXTURES SHALL BE INDIVIDUALLY SUPPORTED FROM STRUCTURAL ELEMENTS AS REQUIRED BY CODE. ANY FIXTURE LOCATED IN A NON-STRUCTURAL CEILING, SUCH AS A 'DROP' CEILING, SHALL BE 'TIED OFF' TO THE STRUCTURE AS REQUIRED BY CODE.

REVISIONS

NO.	DATE	DESCRIPTION	APPR.

ELECTRICAL LEGEND

⦿

RECEPTACLE, DUPLEX, WALL MTD
WP = WEATHER PROOF,
GFI = GROUND FAULT INTERRUPTER

▼

MULTIMEDIA OUTLET (1 DATA/1 TELEPHONE)

⬇

240V SPECIAL RECEPTACLE

S

SWITCH, 125V, 20A, WALL MOUNTED; D = DIMMER
3 = 3WAY, 4 = 4WAY, M = MOTION SENSOR (DUAL TECH.)

⤿

RACEWAY IN WALLS OR CEILING

⬛

PANEL BOARD, SURFACE MOUNTED

↪

HOME RUN TO PANEL BOARD, NUMBER IS CKT. #

⏏

DISCONNECT SWITCH, 'XX/X/X' INDICATES
FRAME SIZE/POLES/ NEMA TYPE

⦿

PENDANT FIXTURE

◯

SURFACE MOUNTED FIXTURE

⦿

WALL MOUNTED FIXTURE

◯

FLOOD LOGHT FIXTURE

◻

1x4 FLUORESCENT LIGHT FIXTURE

✂

CEILING FAN

⦿

EXIT FIXTURE WITH INTEGRAL DUAL HEAD EMERGENCY LIGHTS

⦿

DUAL HEAD EMERGENCY FIXTURE

⦿

JUNCTION BOX

⦿

MINI INVERTER – IOTA MODEL #IIS-350-U

EXST

EXISTING

UNO

UNLESS NOTED OTHERWISE

WH

WATER HEATER

NTS

NOT TO SCALE

TYP

TYPICAL

EXISTING OVERHEAD SERVICE

NEW 200A PANEL 'C'

METER

TROUGH

EXISTING 200A MCB PANEL 'A'

EXISTING 200A MCB PANEL 'B'

ELECTRICAL RISER DIAGRAM

NTS

LIGHTING FIXTURE SCHEDULE

TAG	MANUFACTURER	CATALOG NO.	VOLTS	BALLAST	LAMPS	COMMENTS
A	LITHONIA	LB232 MV	120	ELECTRONIC	(2) 32W T8/841	1x4 W/ LENS; SURFACE MOUNT
B	LITHONIA	MRW 2/26TRT MD 120 PE LPI	120	ELECTRONIC	(2) 26W TRT CFL	EXTERIOR WALL SCONCE W/ INTEGRAL PHOTOCCELL
BE	LITHONIA	MRW 2/26TRT MD 120 ELDW PE LPI	120	ELECTRONIC	(2) 26W TRT CFL	EXTERIOR WALL SCONCE W/ INTEGRAL 600 LUMEN BATTERY BACK-UP & PHOTOCCELL
C	LITHONIA	MRW 100M FT 120 PE LPI	120	ELECTRONIC	(1) 100W MH	EXTERIOR WALL SCONCE W/ INTEGRAL PHOTOCCELL
X	LITHONIA	LHOM S W 3 R N	120	ELECTRONIC	LED	EMERGENCY/ EXIT COMBO
EM	LITHONIA	ELM2	120	ELECTRONIC	(2) 5.4W KRYPTN	EMERGENCY LIGHT

FIXTURE SCHEDULE NOTES:

1. ALL FIXTURES SHALL BE APPROVED BY OWNER AND ARCHITECT PRIOR TO ORDERING.

ELECTRICAL LEGEND, SCHEDULES & NOTES

ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

JOB NO.
2013.023.00

DRAWN
J. POPE

DATE
1/22/2014

APPR.

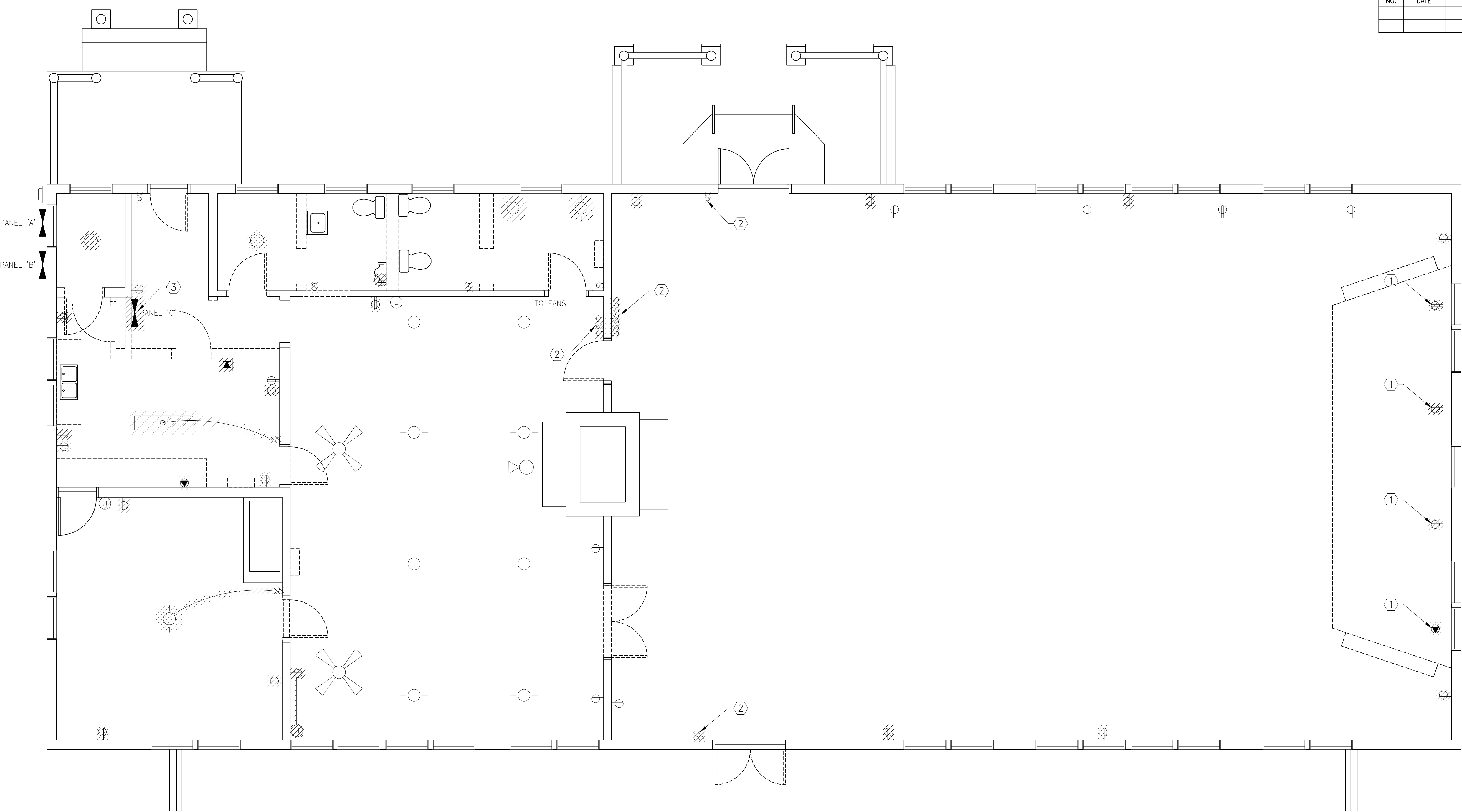
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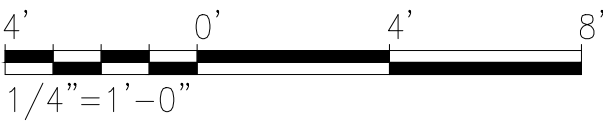
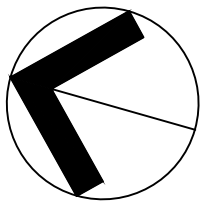
ELECTRICAL PLANS – EXISTING AND DEMOLITION
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

- ALL ITEMS SHOWN WITH DASHED LINES INDICATE ITEMS TO BE DEMOLISHED IN NEW WORK. UNO. SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC INFORMATION
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE BEGINNING ANY WORK ASSOCIATED WITH THE DEMOLITION SCOPE OF WORK. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS OR PROBLEMS DISCOVERED DURING THE CONTRACTOR'S SITE INVESTIGATION AND AWAIT CLARIFICATION IN WRITING BEFORE BEGINNING WORK.
- DISCONNECT AND REMOVE INDICATED LIGHT FIXTURES. REMOVE LIGHTING BRANCH CIRCUIT CONDUIT AND WIRING BACK TO ASSOCIATED PANELBOARD OR NEXT DEVICE OR JUNCTION BOX LOCATED OUT OF THE WAY OF NEW CONSTRUCTION. REMOVE ASSOCIATED SWITCHES AND SWITCH LEGS. PROVIDE BLANK COVERPLATES ON FLUSH OUTLET BOXES. CONDUIT CONCEALED IN WALLS TO REMAIN MAY BE CUT-OFF FLUSH WITH THE TOP OF WALL, SEALED AND ABANDONED IN PLACE.
- DISCONNECT AND REMOVE INDICATED RECEPTACLES. REMOVE OUTLET BOXES, BRANCH CIRCUIT CONDUIT AND WIRING BACK TO ASSOCIATED PANELBOARD OR NEXT DEVICE OR JUNCTION BOX LOCATED OUT OF THE WAY OF NEW CONSTRUCTION. CONDUIT BELOW CONCRETE FLOOR OR IN WALLS TO REMAIN MAY BE ABANDONED IN PLACE. INSTALL BLANK COVERPLATES ON FLUSH OUTLET BOXES. CUT CONDUITS FLUSH WITH FLOOR AND SEAL.
- DISCONNECT AND REMOVE INDICATED TELEPHONE/DATA OUTLETS. REMOVE OUTLET BOXES, CONDUIT AND CABLES BACK TO SOURCE. ALL ABANDONED CABLES SHALL BE REMOVED. BOXES AND CONDUIT IN WALLS TO REMAIN MAY BE ABANDONED IN PLACE. PROVIDE BLANK COVER PLATES ON OUTLET BOXES.
- DO NOT DEMOLISH ANY EXISTING WALLS OR CEILINGS TO REMAIN WITHOUT WRITTEN PERMISSION FROM THE OWNER OR ARCHITECT.
- ALL CONDUITS THAT ARE TO BE DEMOLISHED IN THE EXISTING SLAB SHALL BE CUT OFF FLUSH WITH THE EXISTING FLOOR, SEALED OFF, AND PATCHED OVER AFTER THE CONDUCTORS HAVE BEEN REMOVED.
- ALL CONDUITS THAT ARE TO BE DEMOLISHED LOCATED IN EXISTING WALL TO REMAIN THAT CANNOT BE REMOVED WITHOUT DAMAGING THE WALLS SHALL BE CUT OFF FLUSH WITH TOP OF ALL WALLS AND SEALED OFF AFTER REMOVING ALL CONDUCTORS.
- ANY DEVICES LOCATED IN EXISTING WALLS TO REMAIN THAT ARE TO BE DEMOLISHED AND CANNOT BE REMOVED SHALL BE BLANKED OFF WITH A BLANK PLATE AFTER THE DEVICE AND CONDUCTORS HAVE BEEN REMOVED.
- NO CONDUIT OR WIRING SHALL BE LEFT ABANDONED WITHIN THE BUILDING. ALL CONDUIT OR WIRING NOT EXPLICITLY STATED ON THE DRAWINGS AS BEING RE-USED SHALL BE REMOVED.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION OF ELECTRICAL EQUIPMENT THROUGHOUT THE BUILDING AS REQUIRED EVEN IF THE EQUIPMENT, CONDUIT, WIRING, ETC. TO BE DEMOLISHED IS NOT SHOWN ON THE ELECTRICAL DEMOLITION PLANS. ALL EXISTING EQUIPMENT AND DEVICES ARE THOUGHT TO BE REPRESENTED BUT MAY NOT BE SHOWN.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL ELECTRICAL COMPONENTS ASSOCIATED WITH THE ELECTRICAL DEMOLITION. THIS INCLUDES BUT IS NOT LIMITED TO: WIRING, CONDUIT, FIXTURES, PLUGMOLD, EQUIPMENT, ETC. COORDINATE MEANS OF DISPOSAL WITH GENERAL CONTRACTOR.

DEMOLITION NOTES

- DEMOLISH EXISTING FLOOR MOUNTED RECEPTACLES COMPLETE. EXISTING CIRCUITS SHALL BE DEMOLISHED BACK TO NEAREST RECEPTACLE TO REMAIN REMAIN FOR REUSE IN NEW WORK.
- DEMOLISH EXISTING LIGHT SWITCH, EXISTING SWITCH LEG TO REMAIN FOR REUSE IN NEW WORK.
- DEMOLISH EXISTING PANEL COMPLETE. EXISTING FEEDER AND BRANCH CIRCUITS SHALL BE PROTECTED FROM DAMAGE FOR REUSE IN NEW WORK.



REVISIONS			
NO.	DATE	DESCRIPTION	APPR.

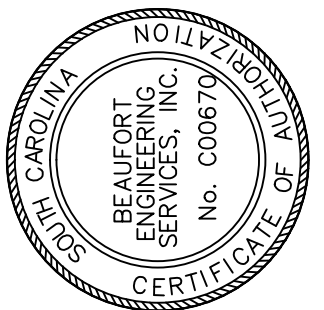


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SEAL



LIGHTING PLANS – EXISTING AND NEW

ADA UPGRADES AT THE ALLENDALE HUT

195 OLD BARNWELL ROAD
ALLENDALE, SOUTH CAROLINA

DATE

APPR.

DATE

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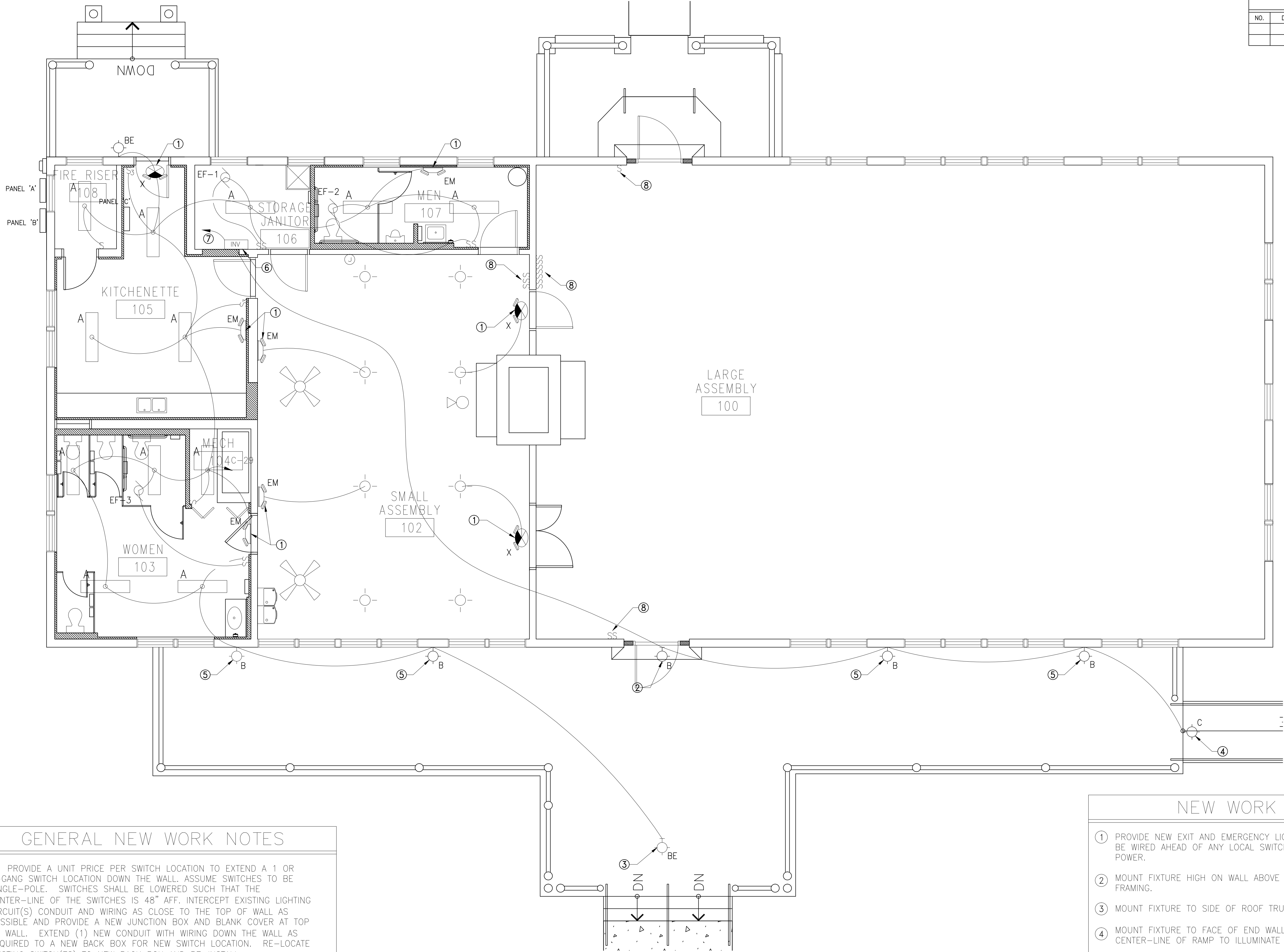
J. POPE

2013.023.00

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GENERAL NEW WORK NOTES

1. PROVIDE A UNIT PRICE PER SWITCH LOCATION TO EXTEND A 1 OR 2-GANG SWITCH LOCATION DOWN THE WALL. ASSUME SWITCHES TO BE SINGLE-POLE. SWITCHES SHALL BE LOWERED SUCH THAT THE CENTER-LINE OF THE SWITCHES IS 48" AFF. INTERCEPT EXISTING LIGHTING CIRCUIT(S) CONDUIT AND WIRING AS CLOSE TO THE TOP OF WALL AS POSSIBLE AND PROVIDE A NEW JUNCTION BOX AND BLANK COVER AT TOP OF WALL. EXTEND (1) NEW CONDUIT WITH WIRING DOWN THE WALL AS REQUIRED TO A NEW BACK BOX FOR NEW SWITCH LOCATION. RE-LOCATE EXISTING SWITCH(ES) TO NEW BACK BOX AND RE-INSTALL.
2. PROVIDE A UNIT PRICE PER RECEPTACLE LOCATION TO RAISE OR LOWER THE DEVICE TO MEET ADA REQUIREMENTS. DEVICES SHALL BE LOCATED SUCH THAT THE CENTER-LINE IS 18" AFF. INTERCEPT EXISTING CIRCUIT CONDUIT AND WIRING AS CLOSE TO THE TOP OF WALL AS POSSIBLE OR BELOW THE BUILDING AND PROVIDE A NEW JUNCTION BOX AND BLANK COVER AT THIS LOCATION. EXTEND (1) NEW CONDUIT WITH WIRING AS REQUIRED TO A NEW BACK BOX FOR NEW DEVICE LOCATION. RE-LOCATE EXISTING DEVICE TO NEW BACK BOX AND RE-INSTALL.
3. ALL EXISTING SWITCHES AND RECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE LOWERED/RAISED TO MEET ADA STANDARDS (15" MINIMUM AND 48" MAXIMUM A.F.F.).

LIGHTING PLANS – EXISTING AND NEW

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

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

4 2 0 4 8 12
SCALE IN FEET

NEW WORK NOTES

- ① PROVIDE NEW EXIT AND EMERGENCY LIGHTS AS SHOWN. FIXTURES SHALL BE WIRED AHEAD OF ANY LOCAL SWITCHING TO PROVIDE CONTINUOUS POWER.
- ② MOUNT FIXTURE HIGH ON WALL ABOVE DOOR JUST BELOW CEILING FRAMING.
- ③ MOUNT FIXTURE TO SIDE OF ROOF TRUSSES.
- ④ MOUNT FIXTURE TO FACE OF END WALL APPROXIMATELY 11'-0" AFF IN CENTER-LINE OF RAMP TO ILLUMINATE RAMP SURFACE.
- ⑤ MOUNT FIXTURE APPROXIMATELY 8'-0" AFF ON WALL EVEN WITH TOP OF WINDOWS.
- ⑥ PROVIDE MINI-INVERTER TO SERVE EXTERIOR EMERGENCY LIGHTS AS SHOWN. FIELD COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. EQUIPMENT SHALL BE INSTALLED INDOORS WITHIN A CONDITIONED SPACE.
- ⑦ PROVIDE NEW INVERTER CIRCUIT TO EXISTING PANEL 'A'. CIRCUIT SHALL BE (3) #12 AWG IN 1/2" CONDUIT. PROVIDE AND INSTALL NEW 1-POLE 20A CIRCUIT BREAKER.
- ⑧ PROVIDE NEW SWITCH. EXTEND EXISTING SWITCH LEG AS NECESSARY TO ACCOMMODATE NEW LOCATION.



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ADA UPGRADES AT THE ALLENDALE HUT
195 OLD BARNWELL ROAD

NAME _____

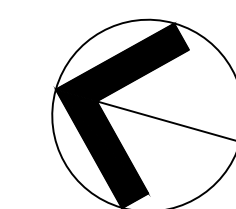
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2. PROVIDE A UNIT PRICE PER SWITCH LOCATION TO EXTEND A 1 OR 2-GANG SWITCH LOCATION DOWN THE WALL. ASSUME SWITCHES TO BE SINGLE-POLE. SWITCHES SHALL BE LOWERED SUCH THAT THE CENTER-LINE OF THE SWITCHES IS 48" AFF. INTERCEPT EXISTING LIGHTING CIRCUIT(S) CONDUIT AND WIRING AS CLOSE TO THE TOP OF WALL AS POSSIBLE AND PROVIDE A NEW JUNCTION BOX AND BLANK COVER AT TOP OF WALL. EXTEND (1) NEW CONDUIT WITH WIRING DOWN THE WALL AS REQUIRED TO A NEW BACK BOX FOR NEW SWITCH LOCATION. RE-LOCATE EXISTING SWITCH(ES) TO NEW BACK BOX AND RE-INSTALL.
2. PROVIDE A UNIT PRICE PER RECEPTACLE LOCATION TO RAISE OR LOWER THE DEVICE TO MEET ADA REQUIREMENTS. DEVICES SHALL BE LOCATED SUCH THAT THE CENTER-LINE IS 18" AFF. INTERCEPT EXISTING CIRCUIT CONDUIT AND WIRING AS CLOSE TO THE TOP OF WALL AS POSSIBLE OR BELOW THE BUILDING AND PROVIDE A NEW JUNCTION BOX AND BLANK COVER AT THIS LOCATION. EXTEND (1) NEW CONDUIT WITH WIRING AS REQUIRED TO A NEW BACK BOX FOR NEW DEVICE LOCATION. RE-LOCATE EXISTING DEVICE TO NEW BACK BOX AND RE-INSTALL.
3. ALL EXISTING SWITCHES AND RECEPTACLES LOCATED THROUGHOUT THE BUILDING SHALL BE LOWERED/RAISED TO MEET ADA STANDARDS (15" MINIMUM AND 48" MAXIMUM A.F.F.).

- ① PROVIDE (3) #10 AWG CONDUCTORS IN 3/4" CONDUIT AND RUN TO A NEW 2-POLE 30A SQUARE-D CIRCUIT BREAKER IN EXISTING PANEL 'A'. PROVIDE AND INSTALL NEW CIRCUIT BREAKER.
- ② PROVIDE NEW PANEL 'C'. EXTEND EXISTING FEEDER AND BRANCH CIRCUITS AS NECESSARY TO ACCOMMODATE NEW PANEL LOCATION. SEE DWG E001 FOR ADDITIONAL INFORMATION.
- ③ PROVIDE NEW DUPLEX RECEPTACLE. EXTEND EXISTING CIRCUITS AS NECESSARY TO ACCOMMODATE NEW LOCATION.



GRAPHIC SCALE
1/4" = 1' - 0"
4 2 0
SCALE IN FEET