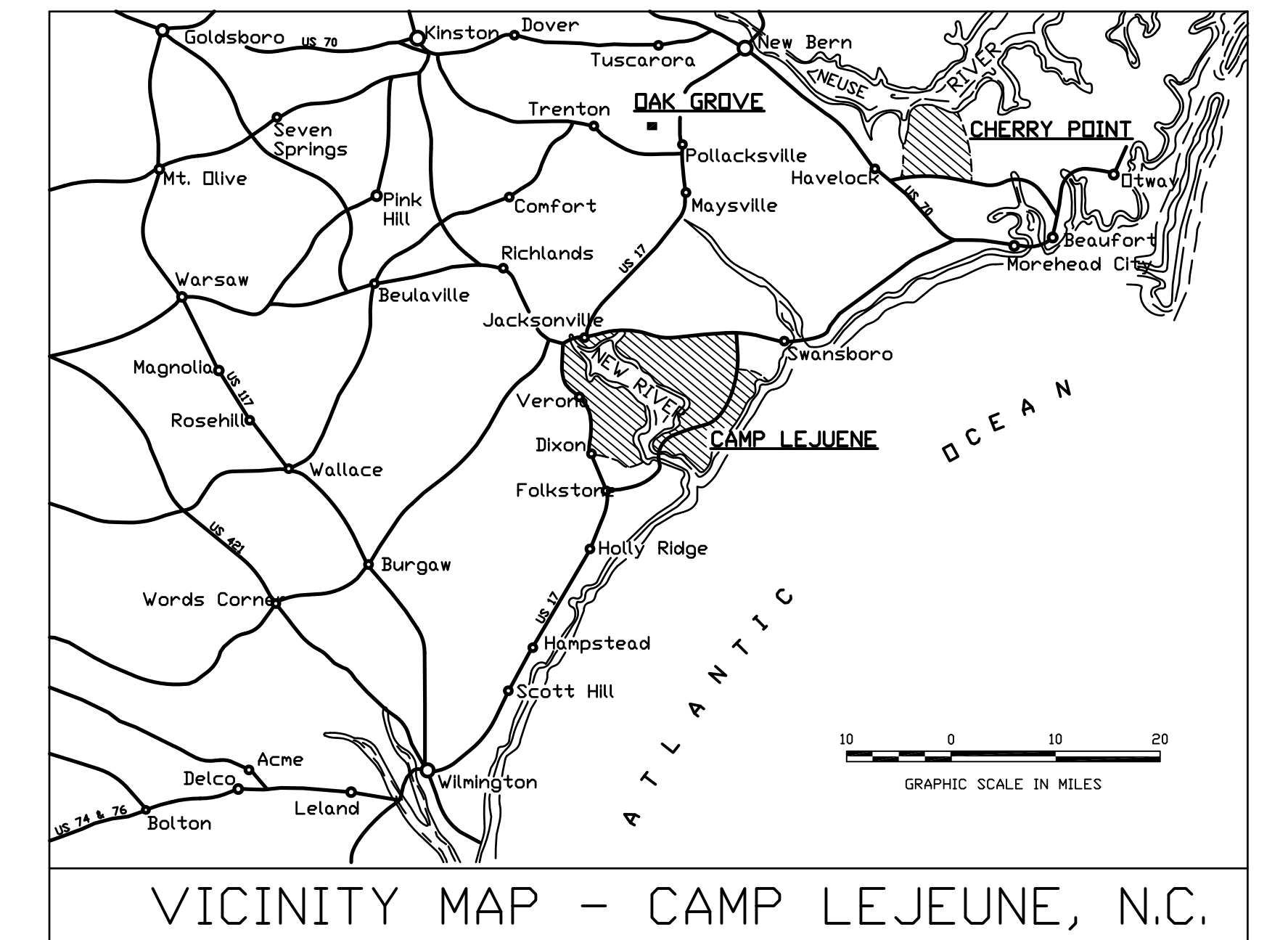
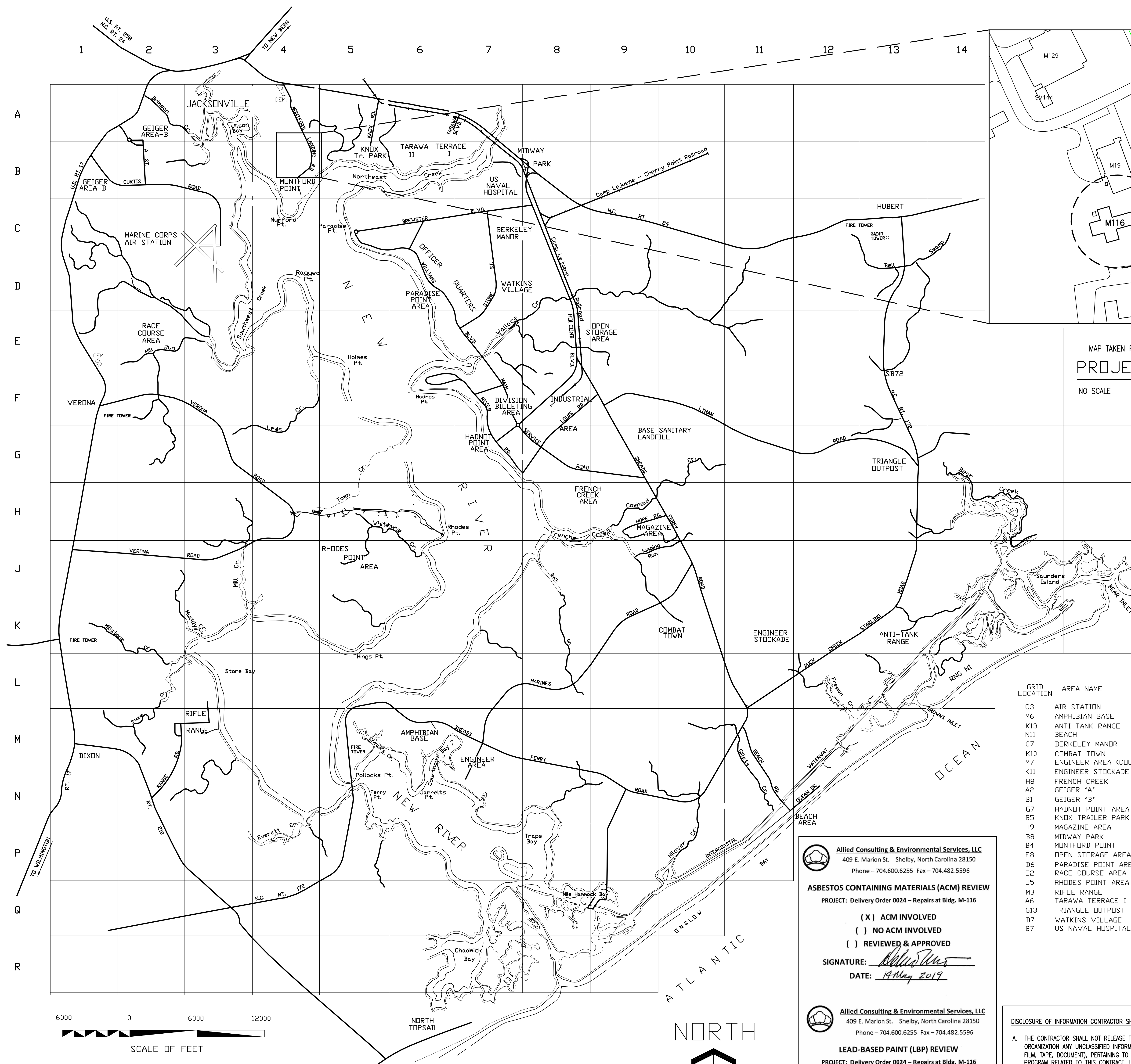


REVISIONS		
SYMBOL	DATE	APPROVED



MAP TAKEN FROM THE TOP RIGHT OF GRID B4  
**PROJECT AREA MAP**  
 NO SCALE

**LIST OF DRAWINGS**

GRID LOCATION	AREA NAME	NO.	DESCRIPTION
C3	AIR STATION	1.	60024563 T-1 LOCATION MAPS & GENERAL NOTES
M6	AMPHIBIAN BASE	2.	60024564 LS-1 LIFE SAFETY LEGEND AND NOTES
K13	ANTI-TANK RANGE	3.	60024565 LS-2 LIFE SAFETY FLOOR PLAN
N11	BEACH	4.	60024566 H-1 HAZARDOUS MATERIAL PLAN
C7	BERKELEY MANOR	5.	60024567 C-1 SITE PLAN
K10	COMBAT TOWN	6.	60024568 C-2 DETAILS
M7	ENGINEER AREA (COURTHOUSE BAY)	7.	60024569 A-1 EXISTING CONDITIONS PLAN
K11	ENGINEER STOCKADE	8.	60024570 A-2 RENOVATED CONDITIONS PLAN
H8	FRENCH CREEK	9.	60024571 A-3 DOOR SCHEDULES
A2	GEIGER 'A'	10.	60024572 A-4 FINISH SCHEDULES
B1	GEIGER 'B'	11.	60024573 A-5 EXISTING CONDITIONS PLAN
G7	HANDNOT POINT AREA	12.	60024574 A-6 BUILDING SECTIONS
B5	KNDX TRAILER PARK	13.	60024575 A-7 CEILING PLANS
H9	MAGAZINE AREA	14.	60024576 A-8 ROOF PLANS
B8	MIDWAY PARK	15.	60024577 A-9 ENLARGED TOILET PLANS
B4	MONTFORD POINT	16.	60024578 A-10 DETAIL SECTIONS
E8	OPEN STORAGE AREA	17.	60024579 A-11 DETAIL SECTIONS
D6	PARADISE POINT AREA	18.	60024580 A-12 PROJECT IDENTIFICATION SIGN
E2	RACE COURSE AREA	19.	60024581 FA-1 FIRE ALARM LEGEND AND NOTES
J5	RHODES POINT AREA	20.	60024582 FA-2 FIRE ALARM FLOOR PLAN
M3	RIFLE RANGE	21.	60024583 FA-3 FIRE ALARM DETAILS
A6	TARAWA TERRACE I & II	22.	60024584 FP-1 FIRE PROTECTION LEGEND AND NOTES
G13	TRIANGLE OUTPOST	23.	60024585 FP-2 FIRE PROTECTION FLOOR PLAN
D7	WATKINS VILLAGE	24.	60024586 FP-3 FIRE PROTECTION DETAILS
B7	US NAVAL HOSPITAL	25.	60024587
		26.	60024588 P-1 ABBREVIATIONS, LEGEND, SCHEDULES AND LOADS
		27.	60024589 P-2 PLUMBING DEMOLITION FLOOR PLAN
		28.	60024590 P-3 PLUMBING WASTE-VENT PLAN
		29.	60024591 P-4 PLUMBING DOMESTIC WATER PLAN
		30.	60024592 P-5 PLUMBING RISER DIAGRAMS
		31.	60024593 M-1 MECHANICAL LEGEND AND NOTES
		32.	60024594 M-2 MECHANICAL DEMOLITION FLOOR PLAN
		33.	60024595 M-3 MECHANICAL FLOOR PLAN
		34.	60024596 M-4 MECHANICAL DETAILS
		35.	60024597 M-5 MECHANICAL SCHEDULES
		36.	60024598 M-6 MECHANICAL CONTROLS
		37.	60024599 M-7 MECHANICAL CONTROLS
		38.	60024600 M-8 MECHANICAL CONTROLS
		39.	60024601 E-1 ELECTRICAL LEGEND, ABBRV., SUMMARIES
		40.	60024602 E-2 ELECTRICAL GENERAL, DEMOLITION NOTES
		41.	60024603 E-3 ELECTRICAL RISERS
		42.	60024604 E-4 ELECTRICAL POLE AND TRANSFORMER DETAILS
		43.	60024605 E-5 ELECTRICAL DETAILS
		44.	60024606 E-6 ELECTRICAL SCHEDULE AND DETAILS
		45.	60024607 E-7 ELECTRICAL LIGHTING DETAILS
		46.	60024608 E-8 ELECTRICAL DATA RISER AND DETAILS
		47.	60024609 E-9 ELECTRICAL POWER DEMOLITION PLAN
		48.	60024610 E-10 ELECTRICAL LIGHTING DEMOLITION FLOOR PLAN
		49.	60024611 E-11 ELECTRICAL POWER AND SYSTEMS FLOOR PLAN
		50.	60024612 E-12 ELECTRICAL LIGHTING FLOOR PLAN



**LOCATION MAP - U. S. MARINE CORPS BASE - CAMP LEJEUNE, N.C.**

**Allied Consulting & Environmental Services, LLC**  
 409 E. Marion St., Shelby, North Carolina 28150  
 Phone - 704.600.6255 Fax - 704.482.5596

**ASBESTOS CONTAINING MATERIALS (ACM) REVIEW**  
 PROJECT: Delivery Order 0024 - Repairs at Bldg. M-116

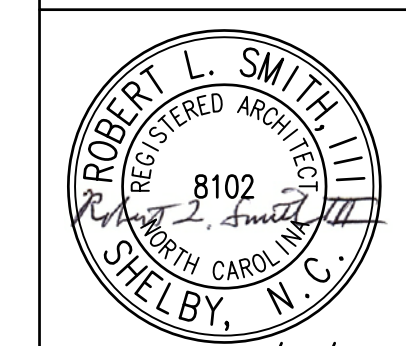
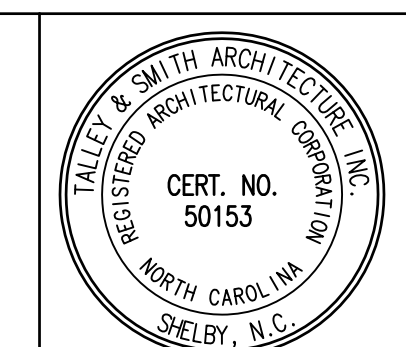
(X) ACM INVOLVED  
 ( ) NO ACM INVOLVED  
 ( ) REVIEWED & APPROVED  
 SIGNATURE: *[Signature]*  
 DATE: 14 May 2019

**Allied Consulting & Environmental Services, LLC**  
 409 E. Marion St., Shelby, North Carolina 28150  
 Phone - 704.600.6255 Fax - 704.482.5596

**LEAD-BASED PAINT (LBP) REVIEW**  
 PROJECT: Delivery Order 0024 - Repairs at Bldg. M-116

(X) LBP INVOLVED  
 ( ) NO LBP INVOLVED  
 ( ) REVIEWED & APPROVED  
 SIGNATURE: *[Signature]*  
 DATE: 14 May 2019

DISCLOSURE OF INFORMATION CONTRACTOR SHALL COMPLY AS FOLLOWS:  
 A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:  
 (1) THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR  
 (2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.  
 B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.  
 C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT ON EACH SUBCONTRACTOR UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.



SHEET TITLE: **LOCATION MAPS, DRAWING LIST, NOTES** **T-1**

TALLEY & SMITH ARCHITECTURE INC.  
 P.O. BOX 518 SHELBY, NC 28151-0518  
 409 EAST MARION ST. SHELBY, NC 28150

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
**MARINE CORPS BASE**  
 CAMP LEJEUNE, NORTH CAROLINA

DES. Robert L. Smith III  
 DR. Steven C. Fender  
 CHK. Robert L. Smith III  
 SUBMITTED BY:  
 DESIGN DIR.  
 APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

INTERIOR AND EXTERIOR  
 REPAIRS BLDG. M116  
 CAMP LEJEUNE, NORTH CAROLINA

SCALE: NOTED SIZE: F CODE IDENT. NO.: 80091 NAVFAC DRAWING NO.: 60024563  
 SATISFACTORY TO: \_\_\_\_\_ DATE: \_\_\_\_\_ CONST. CONTR. NO.: N40085-18-B-0086  
 SHEET 1 OF 50

REVISIONS	
SYM.	

**CODE ANALYSIS:**

OCCUPANCY CLASSIFICATION:  
 ASSEMBLY OCCUPANCY "A-3"  
 CONSTRUCTION TYPE: V-B NON-RATED COMBUSTIBLE CONSTRUCTION  
 STRUCTURAL FRAME: 0 HR. RATED  
 BEARING WALLS: 0 HR. RATED  
 NON-BEARING WALLS: 0 HR. RATED, INTERIOR  
 0 HR. RATED, EXTERIOR

FLOOR: 0 HR. RATED  
 ROOF: 0 HR. RATED  
 FIRE SUPPRESSION: SPRINKLERED THROUGHOUT

ALLOWABLE AREA (S.F.) A-3  
 BASE ALLOWABLE 24,000  
 OPEN YARD INCREASE (70%) 16,800  
 TOTAL/FLOOR: 40,800

ACTUAL AREA (S.F. ±): 5,728

ALLOWABLE & ACTUAL EGRESS DISTANCES (FT.):

	ALLOWABLE	ACTUAL
TRAVEL DISTANCE	250	130
COMMON PATH	100	30
DEAD END CORRIDOR	20	NA

BUILDING HEIGHT (ACTUAL / ALLOWABLE):  
 STORIES: 1 / 2 (BASED ON SPRINKLERED V-B CONSTRUCTION)  
 FEET: 26 ± / 60 (BASED ON SPRINKLERED V-B CONSTRUCTION)

EXITS (ACTUAL/REQUIRED):  
 GROUND: 2 / 2 (BASED ON 421 OCCUPANTS)

OCCUPANT LOAD:			
USE/ROOM	AREA	SF/PERSON	LOAD
ASSEMBLY (NAVE)	1824	1 PERSON/18 LINEAR FT OF SEATING	238
ASSEMBLY (ALTER/CHANCEL)	735	15 (NET)	49
ASSEMBLY (CHOIR)	350	7 (NET)	50
MECH/ELEC	188	500	1
CLASSROOM	1400	20 (NET)	70
REST ROOM	175	50	4
BUSINESS	1225	150	9
		TOTAL	421

NOTE: OCCUPANT LOAD BASED ON BUILDING AREA

**EXIT CAPACITY:**

(EXITS FROM INDIVIDUAL ROOMS NOT INCLUDED)  
 0 EXTERIOR DOORS AT 33" EACH  
 2 EXTERIOR DOOR AT 66"  
 TOTAL EXIT WIDTH PROVIDED = 132"  
 TOTAL EXIT WIDTH REQUIRED (421 X 0.2) = 84.2"

FIRE EXTINGUISHER TABLE					
TYPE	RATING	HAZARD	QTY	ROOM #	ROOM NAME
DRY CHEMICAL	4A:80B-C	CLASS A/B/C	1	R101A	ENTRY
			1	R1123	MECH
			1	R102	CORRIDOR
			1	R115	CORRIDOR
TOTAL			4		

BASED ON: 2018 NFPA 101 LIFE SAFETY CODE  
 2015 INTERNATIONAL BUILDING CODE  
 2018 NFPA 10 PORTABLE FIRE EXTINGUISHER  
 2017 NFPA 70 NATIONAL ELECTRICAL CODE  
 2016 NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS  
 2016 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE  
 2018 NFPA 90A STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATION SYSTEMS

**LEGEND:**

- FIRE ALARM PULL STATION
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER
- SPRINKLER RISER
- SMOKE DETECTOR
- FIRE ALARM ANNUNCIATOR
- FIRE ALARM AND MASS NOTIFICATION CONTROL PANEL
- LOCAL OPERATING CONSOLE
- WATERFLOW BELL
- EGRESS ELEMENT (DOOR, STAIR, ETC.)
- EGRESS WIDTH (CLEAR)
- EXIT WIDTH PER PERSON (IN.)
- CAPACITY (PEOPLE)
- ACTUAL (PEOPLE)
- TRAVEL DISTANCE TO AN EXIT
- COMMON PATH TO POINT WHERE TWO PATHS OF EGRESS AVAILABLE

**EXIT SIGNS**

- CEILING MOUNT EXIT SIGN
- WALL MOUNT LIGHTED EXIT SIGN
- DIRECTION ARROW
- LIGHTED / SIDE FACE
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- SMOKE BARRIER

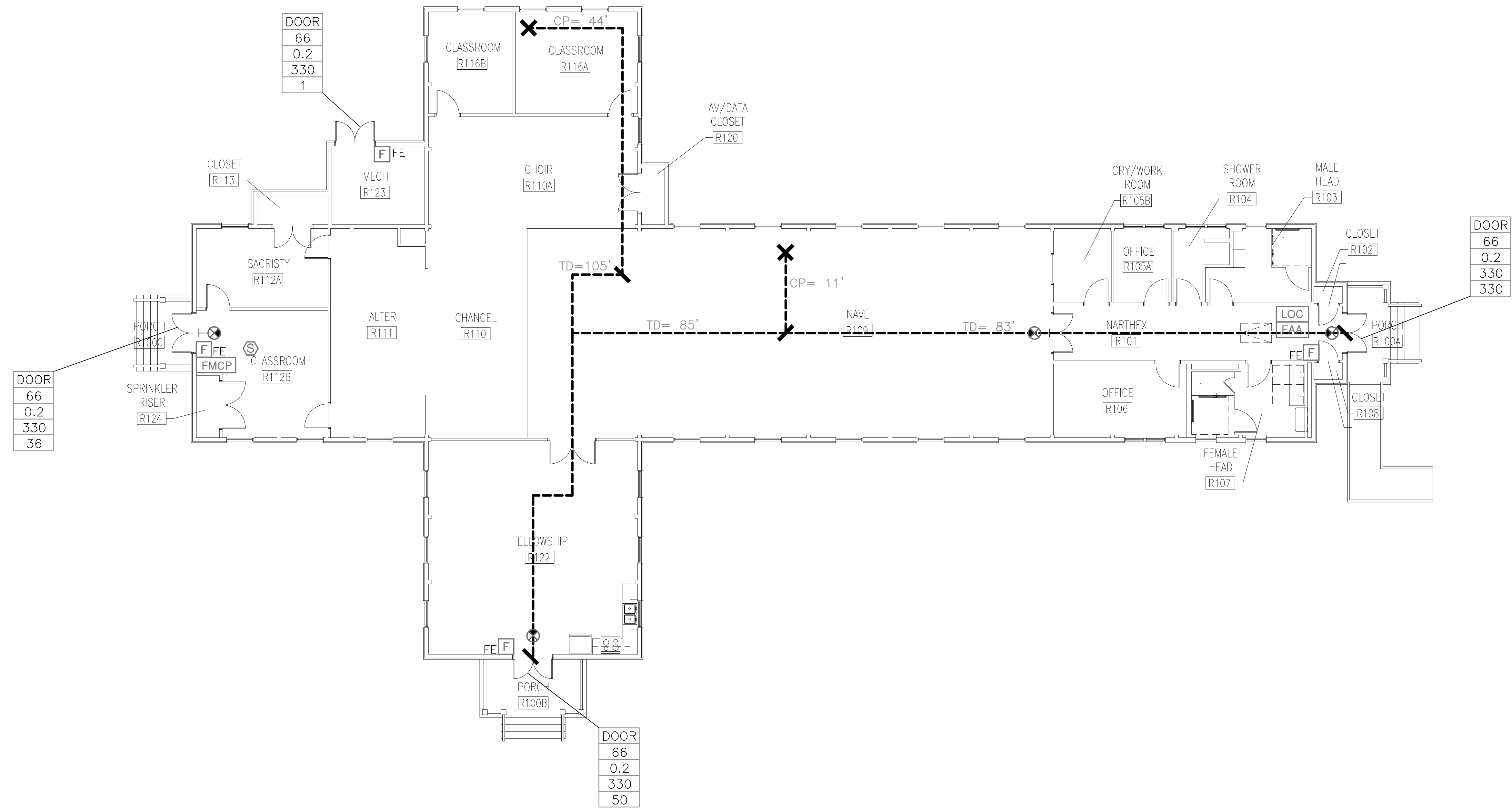
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

 4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection & Building Code Specialists NC Firm License No: P-0296	SHEET TITLE: <b>LIFE SAFETY LEGEND AND NOTES</b>		<b>LS-1</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
	DES. GMM DR. MEW CHK. JLL SUBMITTED BY: DESIGN DR.	APPROVED: _____ DATE _____ SATISFACTORY TO: _____ DATE _____	

REVISIONS	
SYM.	



**SHEET NOTES:**

1. REFERENCE LS-1 FOR CODE ANALYSIS AND LEGEND.



LIFE SAFETY FLOOR PLAN 1  
LS  
2

1/8" = 1'-0"

 4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8303 Fire Protection & Building Code Specialists NC Firm License No: P-0296	SHEET TITLE: LIFE SAFETY FLOOR PLAN	LS-2
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150	
DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		
DES. GMM DR. MEW CHK. JLL SUBMITTED BY: DESIGN DR.:		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
APPROVED:  JENNIFER L. LOVETT ENGINEER 06-24-2019		DATE: _____ SIZE: F CODE IDENT. NO.: 80091 NAVFAC DRAWING NO.: 60024565
SATISFACTORY TO: _____ DATE: _____		CONST. CONTR. NO.: N40085-18-B-0086 SCALE: NOTED SPEC.: 05-18-0086 SHEET 3 OF 50

REVISIONS			
SYMBOL	REVISIONS	DATE	APPROVED

**ASBESTOS CONTAINING MATERIALS (ACM)  
NOTES INDICATED ON PLAN**

THE FOLLOWING MATERIALS HAVE BEEN DETERMINED TO CONTAIN ASBESTOS OR ARE ASSUMED TO CONTAIN ASBESTOS PER THE AVAILABLE DATA AND IN ACCORDANCE WITH APPLICABLE REGULATIONS. LOCATIONS AND QUANTITIES ARE APPROXIMATE. SEE TESTING REPORTS INCLUDED IN PROJECT SPECIFICATIONS.

- ① RESIDUAL MASTIC - AREAS AS INDICATED  
MASTIC THAT REMAINS WHERE TILE HAS BEEN REMOVED  
APPROXIMATE QUANTITY = 664 SQUARE FEET
- ② MASTIC BENEATH VCT - IN AREA E122 AS INDICATED  
APPROXIMATE QUANTITY = 150 SQUARE FEET
- ③ ROOFING SEALANT - BLACK - LOCATION AS NOTED  
APPROXIMATE QUANTITY = 12 SQUARE FEET

CERTAIN INFERENCES HAVE BEEN MADE TO MAKE THE SCOPE OF ACM REMOVAL AS COMPLETE AS POSSIBLE. IF CONTRACTOR ENCOUNTERS MATERIALS THAT ARE SUSPECT ACM THAT ARE NOT INDICATED HEREIN OR IN THE AVAILABLE REPORTS, CONTACT CONTRACTING OFFICER BEFORE PROCEEDING.

**LEAD BASED PAINT SURFACES (LBP) NOTES**

THE FOLLOWING SURFACES HAVE BEEN DETERMINED TO HAVE LEAD OR LEAD BASED PAINT (LBP) OR ARE ASSUMED TO CONTAIN LBP BASED ON THE SAMPLE AREAS TESTED. SEE TESTING REPORTS INCLUDED IN PROJECT SPECIFICATIONS.

- A INTERIOR PAINT ON WOOD COLUMNS, TRUSSES AND RELATED METAL BRACES - WHITE  
APPROXIMATE QUANTITY = 72 COLUMNS, 38 TRUSSES
- B EXTERIOR PAINT ON DOOR FRAMES - WHITE  
APPROXIMATE QUANTITY = 4 DOOR OPENINGS
- C EXTERIOR PAINT ON ORIGINAL WOOD WALL SIDING - WHITE  
APPROXIMATE QUANTITY = EXTENT UNKNOWN. EXTERIOR HAS BEEN COVERED WITH VINYL SIDING AND IT COULD NOT BE DETERMINED HOW MUCH OF THE ORIGINAL WOOD SIDING REMAINS - FOR BIDDING PURPOSES, FIGURE THAT ALL EXTERIOR WALL AND SOFFIT SURFACES HAVE ORIGINAL WOOD SIDING UNDER THE VINYL SIDING

DUE TO THE AGE OF THE BUILDING, IN ADDITION TO THE SPECIFIC ITEMS NOTED, TAKE PRECAUTIONS WHEN DISTURBING PAINTED SURFACES THE SAME AS IF SURFACE MIGHT HAVE LBP. TAKE PRECAUTIONS WHENEVER WORK ACTIVITIES WILL CREATE A PAINT DUST.

NOTE THAT PAINT COLORS LISTED ABOVE ARE THOSE VISIBLE AND ARE LISTED FOR CONVENIENCE ONLY. THE ACTUAL LAYER CONTAINING LBP MAY BE BELOW THE VISIBLE LAYER OF PAINT.

**ACM ABATEMENT AND LBP REMOVAL NOTES**

ACM: REMOVE ACM ENTIRELY. IT IS GOVERNMENT'S INTENT THAT THE BUILDING IS ASBESTOS FREE AT COMPLETION OF PROJECT. DISPOSE OF PROPERLY.

LBP: WHERE WORK IN PROJECT DISTURBS SURFACES WITH LBP OR WHERE ITEMS WITH LBP ARE TO BE REMOVED, TAKE PRECAUTIONS AS SPECIFIED, AS REQUIRED FOR WORKER AND OCCUPANT SAFETY, AND AS REQUIRED BY APPLICABLE REGULATIONS AND AGENCIES HAVING JURISDICTION. ITEMS AND MATERIALS TO BE REMOVED THAT ARE IDENTIFIED TO HAVE LBP SHALL BE REMOVED INTACT OR AS UNITS AND PROPERLY DISPOSED. LBP IN GOOD CONDITION ON SURFACES THAT ARE NOT DISTURBED OR REMOVED MAY REMAIN.

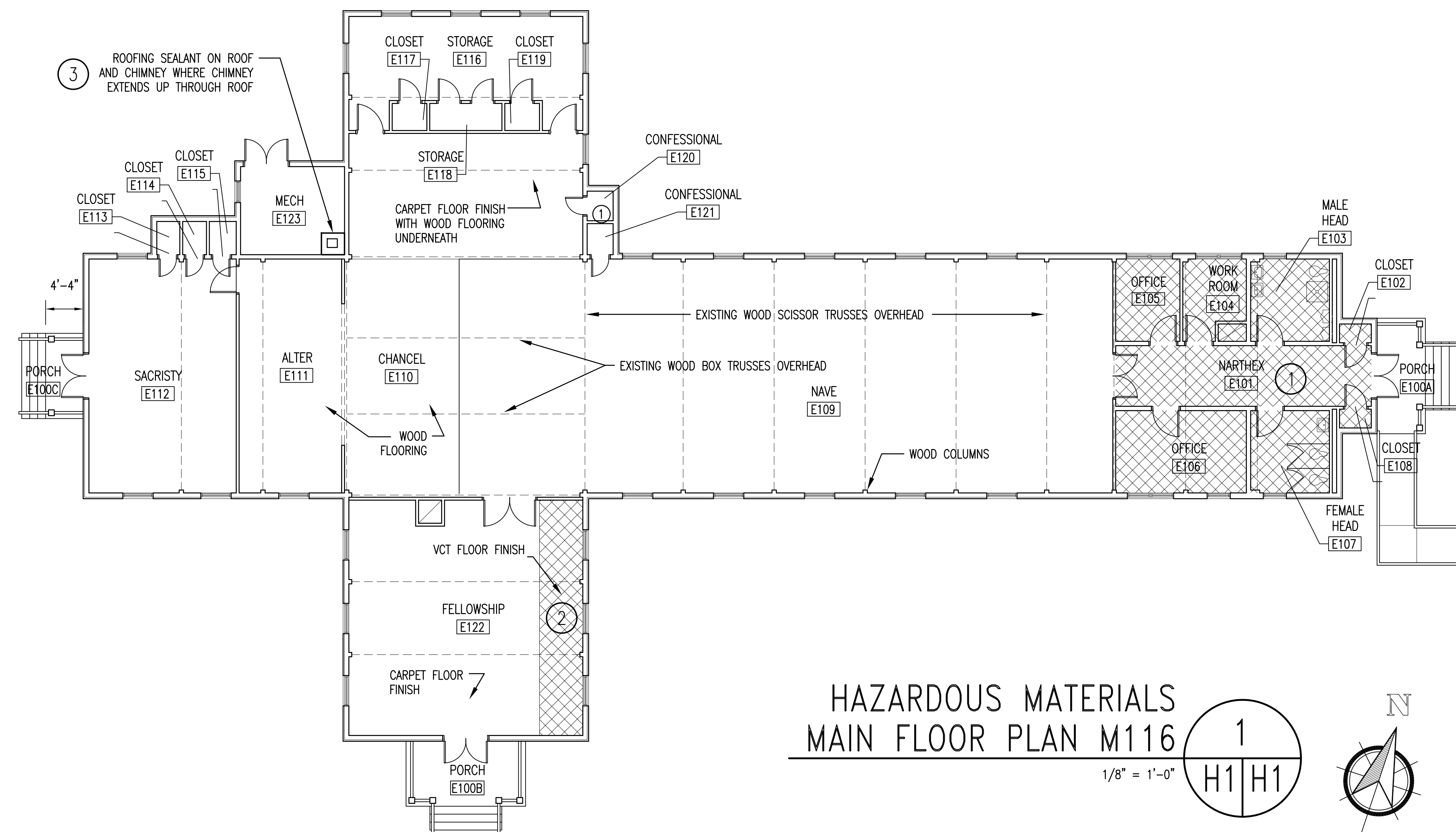
ACM & LBP: INFORMATION SHOWN ON DRAWINGS IS AN INTERPRETATION OF THE TESTING DATA AVAILABLE. QUANTITIES SHOWN MAY VARY FROM REPORT DOCUMENTS. CONTRACTORS ARE REQUIRED TO REVIEW REPORTS PROVIDED AND VERIFY THE CONCLUSIONS SHOWN THEREIN OR TO DRAW THEIR OWN CONCLUSIONS BASED ON THE REPORTS AND THEIR OWN KNOWLEDGE AND EXPERIENCE. NO ADJUSTMENTS WILL BE MADE FOR COSTS THAT COULD HAVE BEEN DETERMINED FROM REPORTS, DRAWINGS, AND OTHER AVAILABLE INFORMATION.

**PCB & MERCURY REMOVAL NOTES**

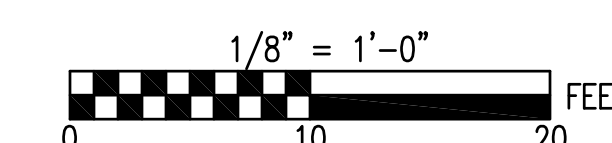
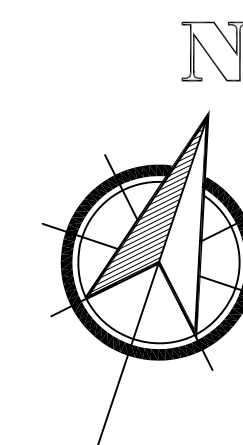
REFERENCE ELECTRICAL AND MECHANICAL SHEETS INDICATING REMOVAL OF FLUORESCENT LIGHT FIXTURES AND HEATING THERMOSTATS. THE BALLASTS SHALL BE TREATED AS CONTAINING PCB AND THE LAMPS AS CONTAINING MERCURY. THERMOSTATS SHALL BE TREATED AS CONTAINING MERCURY. BALLASTS, LAMPS, AND THERMOSTATS SHALL BE DISPOSED OF ACCORDING TO SPECIFICATIONS AND BASE ENVIRONMENTAL MANAGEMENT DIVISION GUIDELINES.

**GENERAL HAZARDOUS MATERIALS DRAWING NOTE**

HAZARDOUS MATERIALS PLANS ARE NOT INTENDED TO BE AN ALL INCLUSIVE REPRESENTATION OF THE SCOPE OF HAZARDOUS MATERIALS. REFER TO OTHER DRAWINGS TO BETTER UNDERSTAND THE BUILDING AND SCOPE OF MATERIALS.



**HAZARDOUS MATERIALS  
MAIN FLOOR PLAN M116**  
1/8" = 1'-0"



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>HAZARDOUS MATERIALS PLAN</b>		<b>H-1</b>
	<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III SUBMITTED BY: DESIGN DIR. APPROVED: _____ DATE _____ SATISFACTORY TO: _____ DATE _____		
	DATE: 06/16/2017 SCALE: NOTED SPEC: 05-15-0055	CODE IDENT. NO.: 80091 NAVFAC DRAWING NO.: 60024566 CONST. CONTR. NO.: N40085-15-B-0055 SHEET 4 OF 71	

REVISIONS		
SYM	DATE	APPROVED



CIVIL LEGEND		
EXISTING	DESCRIPTION	NEW
PIV	WATER VALVE	PIV
⊗	POST INDICATOR VALVE	
⊙	SANITARY SEWER MANHOLE	
⊙	COMMUNICATIONS MANHOLE	
⊙	SANITARY SEWER CLEANOUT	
⊙	STORM DRAIN CLEANOUT	
⊙	STORM DRAIN INLET	
⊙	FIRE HYDRANT	
TPED	COMMUNICATIONS PEDESTAL	
⊙	UTILITY POLE/POLE WITH LIGHT	
---	GUY WIRE	
---	OVERHEAD STEAM	
---	SANITARY SEWER (GRAVITY)	
---	SANITARY FORCE MAIN	
---	STORM SEWER	
---	DOMESTIC/FIRE WATER	
---	FIRE WATER	
---	OVERHEAD ELECTRICAL	
---	UNDERGROUND ELECTRICAL	
---	UNDERGROUND COMMUNICATIONS	
---	CONCRETE	
---	ASPHALT	
---	GRAVEL	
△	SURVEY CONTROL POINT	
×	SPOT ELEVATIONS	
---	TREE LINE / CLEARING LIMIT	
---	SOURCE/DESTINATION UNKNOWN	
---	SIGN	
---	DEMOLITION ITEMS	

ABBREVIATIONS	
APPROX.	APPROXIMATE/APPROXIMATELY
CJ	CONTRACTION JOINT
CL, C/L	CENTER LINE
CF	CUBIC FEET
CONT.	CONTINUOUS
CMP	CORRUGATED METAL PIPE
CONC.	CONCRETE
CPP	CORRUGATED PLASTIC PIPE
CUMM.	CUMULATIVE
DIA, Ø	DIAMETER
DI	(STORM DRAIN) DROP INLET
DMH	DRAINAGE MANHOLE
EL=, ELEV	ELEVATION
E	EASTING
ELEC.	ELECTRIC, ELECTRICAL
ETC.	ET CETERA
EX., EXIST.	EXISTING
FES	FLARED END SECTION
FH	FIRE HYDRANT
HVAC	HEATING, VENTILATION AND AIR CONDITIONING (EQUIPMENT)
INV	INVERT
LF	LINEAR FOOT/FEET
MAG	MAG NAIL (CONTROL)
MAX	MAXIMUM
MIN	MINIMUM
N	NORTHING
NO./#	NUMBER
PIV	POST INDICATOR VALVE
PVC	POLYVINYL CHLORIDE (PIPE)
RPC	REINFORCED CONCRETE PIPE
SMH	SANITARY SEWER MANHOLE
SF	SQUARE FOOT/FEET
SLT	SILT FENCE
TBM	TEMPORARY BENCHMARK
TYP.	TYPICAL
VOL.	VOLUME
WWF	WELDED WIRE FABRIC
&	AND
@	AT
±	PLUS OR MINUS
%	PERCENT
=	EQUALS

- GENERAL CONSTRUCTION NOTES:**
- THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR SCANNING THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
  - PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED ARE NOT SHOWN FOR CLARITY.
  - ALL CONCRETE SIDEWALK SURFACES DAMAGED DURING CONSTRUCTION ACTIVITIES MUST BE RESTORED IN ACCORDANCE WITH DETAIL A, SHEET C-2.
  - COMPLETE ALL TRENCH SECTIONS IN ACCORDANCE WITH DETAIL B, SHEET C-2.
  - ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE REVEGETATED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN. SEE DETAIL E, SHEET C-2.

- WORK ITEMS:**
- HVAC EQUIPMENT TO BE REPLACED, SEE MECHANICAL PLANS.
  - REMOVE STEAM SUPPORT POLE.
  - SILT FENCE - SEE DETAIL C, SHEET C-2.
  - GRAVEL CONTROL ENTRANCE - SEE DETAIL D, SHEET C-2.
  - PROVIDE 25LF 12" TEMPORARY PIPE, PLACE IN FLOW LINE OF EXISTING DITCH.
  - NEW 6"x6" TAPPING SADDLE AND VALVE - SEE DETAIL A, SHEET C-3 AND SPECIFICATIONS.
  - NEW 6" POST INDICATOR AND VALVE - SEE DETAIL B, SHEET C-3 AND SPECIFICATIONS.
  - THRUST BLOCK - SEE DETAIL C, SHEET C-3.
  - NEW BOLLARD (NUMBER AS SHOWN) - SEE DETAIL F, SHEET C-2.
  - ROUTE NEW WATER MAIN BELOW EXISTING UTILITY. PROVIDE 18" MINIMUM VERTICAL SEPARATION. SEE DETAIL E, SHEET C-3.
  - CONCRETE CUT AND PATCH - SEE DETAIL A, SHEET C-2.

**DISCLOSURE OF INFORMATION**

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- THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
- THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

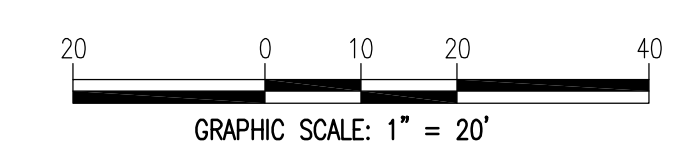
B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

**SITE PLAN**  
SCALE: 1" = 20'

**SPECIAL NOTE:**

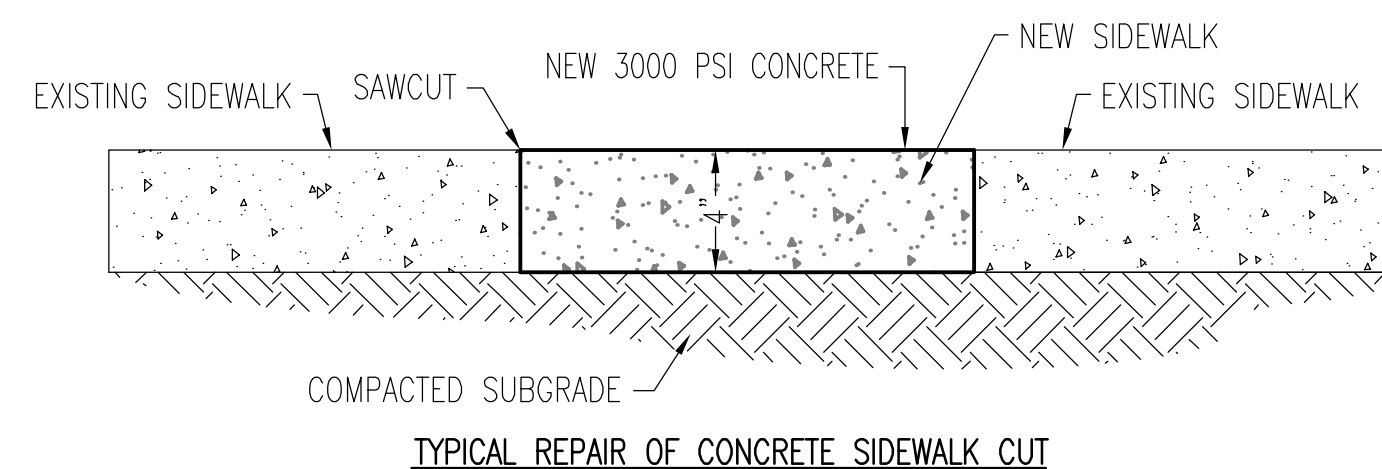
- THE CONTRACTOR SHALL PROVIDE A REDUCED PRESSURE DOUBLE CHECK BACKFLOW ASSEMBLY (RPZ) ON THE FIRE MAIN RISER IN THE MECHANICAL ROOM. THE RPZ SHALL MEET AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARD AND CARRY THE ASSE SEAL OR APPEAR ON THE UNIVERSITY OF CALIFORNIA APPROVED LIST.



SITE MAPPING AND SITE DESIGN BY:  
**AVOLIS ENGINEERING, P.A.**  
P.O. BOX 19584  
NEW BERN, NC 28561  
(252) 633-0088 LICENSE NO. C-0706

	SHEET TITLE:		<b>SITE PLAN</b>		<b>C-1</b>
	<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		
DES. J. K. AVOLIS, P.E. DIR. MSP / WFF / CHK. J. C. AVOLIS, P.E. SUBMITTED BY: DESIGN DIR. T. H. BURTON, P.E.		INTERIOR AND EXTERIOR <b>REPAIRS AT BLDG M116</b> CAMP LEJEUNE, NORTH CAROLINA		NAVFAC DRAWING NO. <b>60024567</b>	
APPROVED: PWO OR DICC DATE: _____ SATISFACTORY TO: _____ DATE: _____		SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b>	CONSTR. CONTR. NO. <b>N40085-18-B-0086</b>		
SCALE: NOTED SPEC: 05-18-0086		SHEET 5 OF 50			

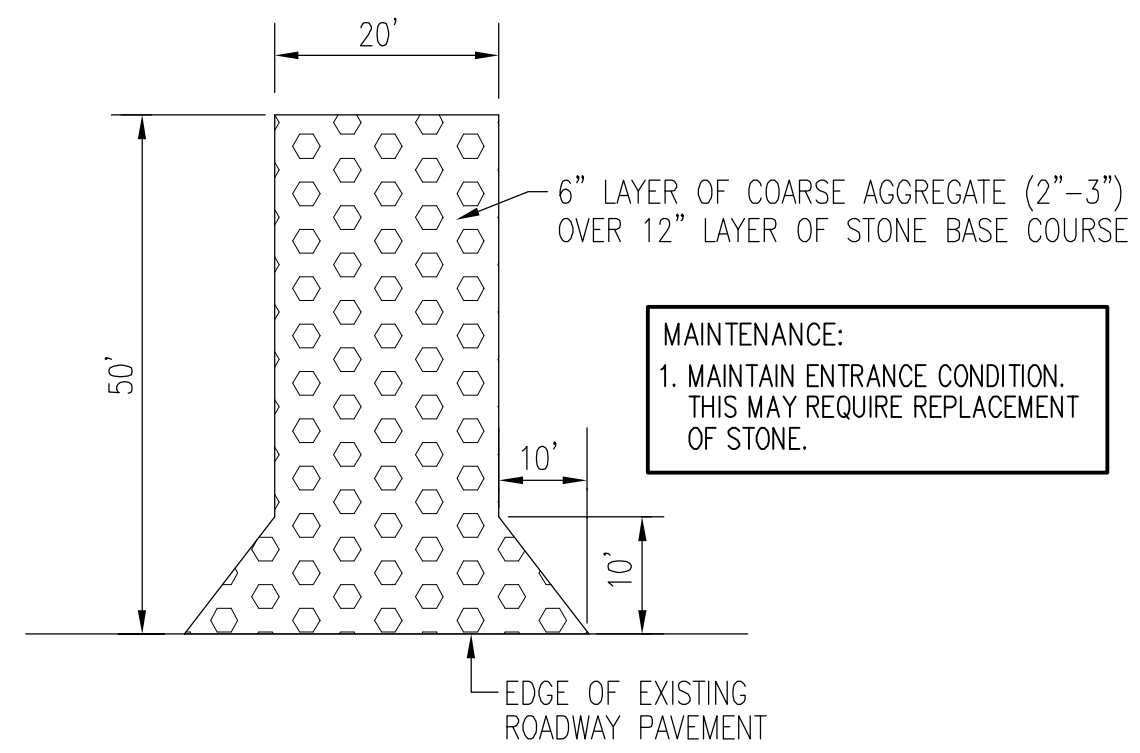
REVISIONS		
SYM	DATE	APPROVED



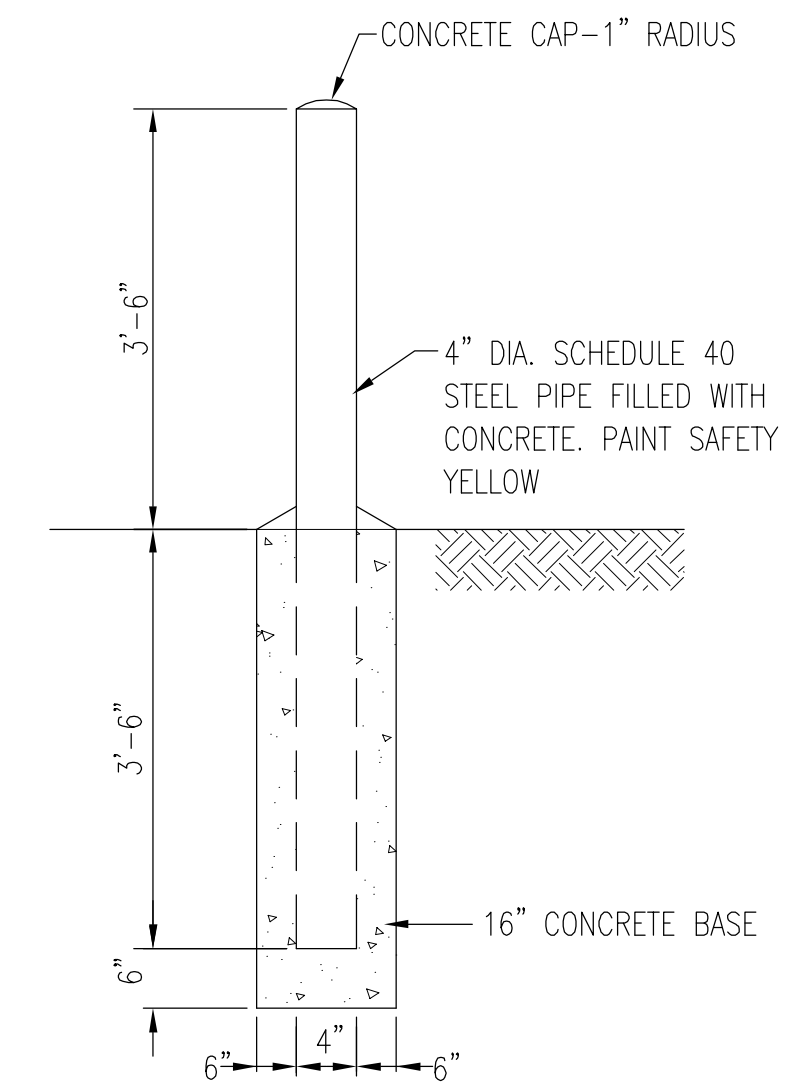
**TYPICAL REPAIR OF CONCRETE SIDEWALK CUT**

NOTE: REMOVE CONCRETE SIDEWALK AT JOINTS WHEN JOINTS ARE LOCATED WITHIN 5 FEET OF AREA OF WORK. CONCRETE FINISH & JOINT PATTERN SHALL MATCH EXISTING.

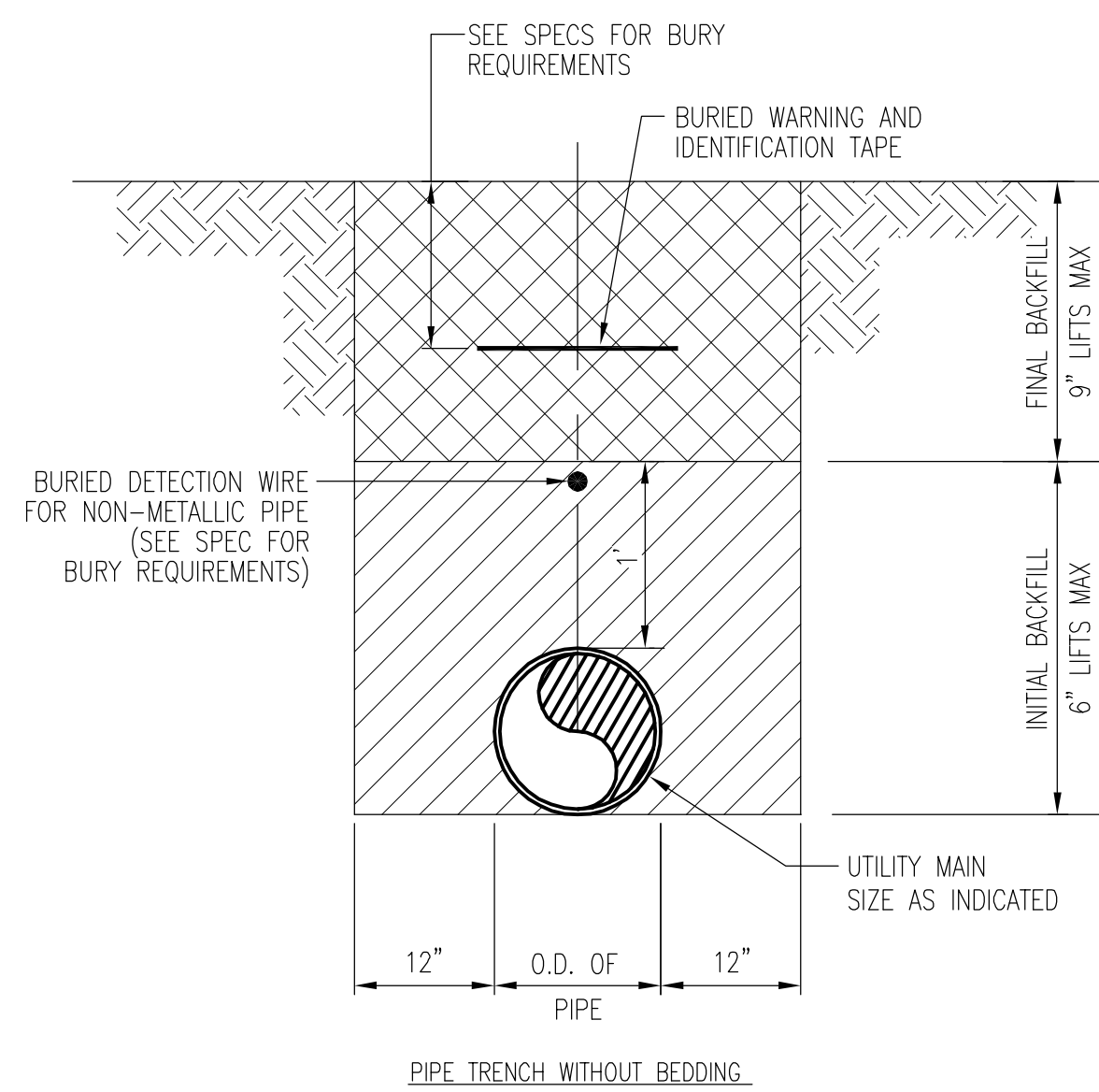
**A CONCRETE CUT AND PATCH**  
NOT TO SCALE



**D GRAVEL CONTROL ENTRANCE**  
NOT TO SCALE



**F BOLLARD**  
NOT TO SCALE



**B PIPE TRENCH SECTION**  
NOT TO SCALE

**TEMPORARY VEGETATIVE SEEDING**  
(PRIOR TO ESTABLISHING PERMANENT VEGETATION)

AFTER COMPLETION OF GRADING ACTIVITIES AND THE CONSTRUCTION OF SWALES, ALL EXPOSED AREAS SHALL BE SEED TO THE FOLLOWING SPECIFICATIONS:

**SEED BED**

LIME 1-1/2 TON PER ACRE  
FERTILIZER 1/2-TON PER ACRE

**SEED**

RYE GRAIN 50 LBS PER ACRE  
TALL FESCUE 100 LBS PER ACRE

**SUPPLEMENTAL SEED**

MAY THROUGH AUGUST:  
CENTIPEDE 5 LBS PER ACRE

**PROCEDURE**

STRAW MULCH SHALL BE APPLIED AT A RATE WHICH WILL INSURE APPROXIMATELY 75% COVERAGE OF THE SEED AREA. THE STRAW AND SOWN SEED WILL BE LIGHTLY DISCED INTO THE BED TO GIVE IT FURTHER RESISTANCE TO BLOWING AND WASHING. THE CONTRACTOR SHALL GUARANTEE A FULL STAND OF GRASS OVER THE ENTIRE DISTURBED AREA. IF NECESSARY THE CONTRACTOR WILL WET DOWN THE AREAS TO ASSIST IN SEED GERMINATION OR AID IN GROWTH IN TIMES OF EXCESSIVELY DRY WEATHER. A STAND OF GRASS WILL BE CONSIDERED ACCEPTABLE WHEN THE ENTIRE STAND OF GRASS IS AT LEAST FOUR INCHES HIGH AND HAS ACHIEVED AT LEAST 95% COVERAGE OF DISTURBED AREAS. RESEEDING WILL BE REQUIRED AS NECESSARY BY THE CONTRACTOR TO OBTAIN THE SPECIFIED STAND OF GRASS.

**PERMANENT VEGETATION**

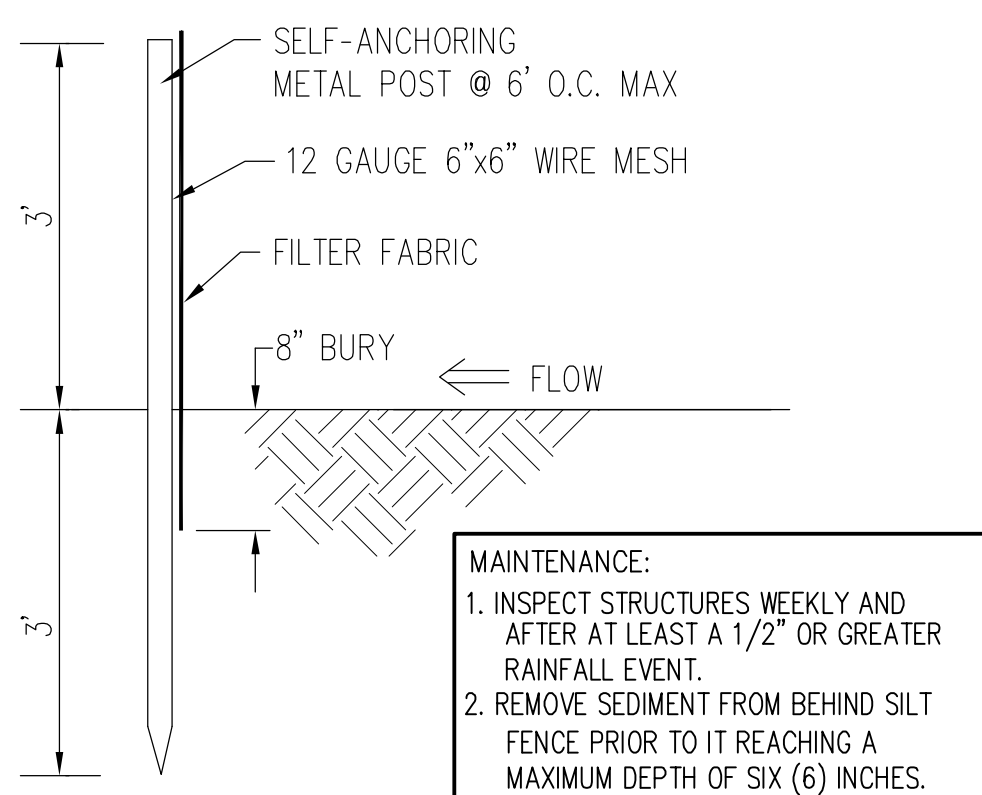
ALL DISTURBED AREAS NOT COVERED WITH BUILDINGS, PAVEMENTS, OR OTHER IMPERMEABLE SURFACES SHALL BE SODDED WITH CENTIPEDE SOLID SOD AS THE FINAL/PERMANENT VEGETATION.

**SPECIAL SEEDING NOTE:**

ALL DENUDED AREAS WILL, WITHIN 7 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING OR CEASING OF GRADING ACTIVITIES, BE PLANTED AND PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION.

ALL DENUDED AREAS WILL, WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION, BE PROVIDED PERMANENT GROUND COVER.

**E VEGETATION PLAN**  
NOT TO SCALE



**C SILT FENCE**  
NOT TO SCALE

**DISCLOSURE OF INFORMATION**

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

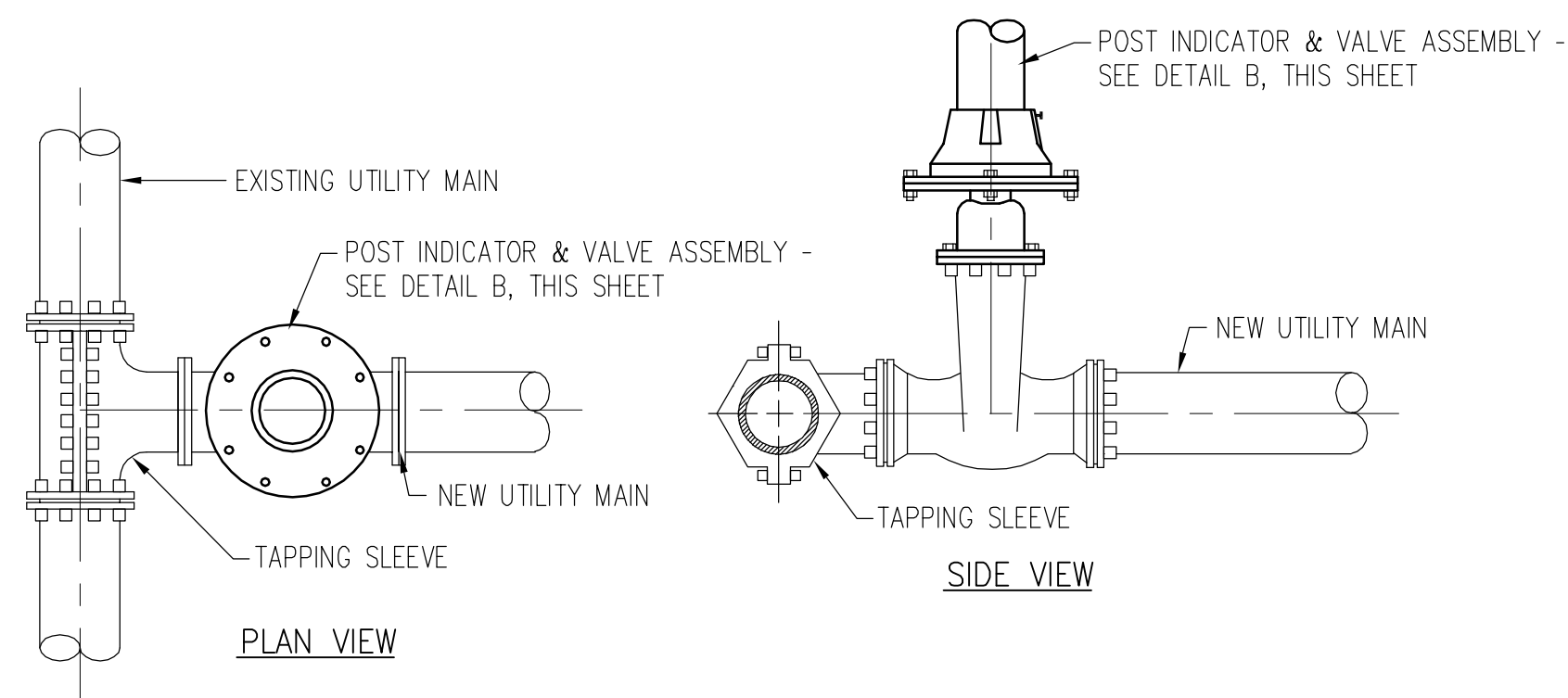
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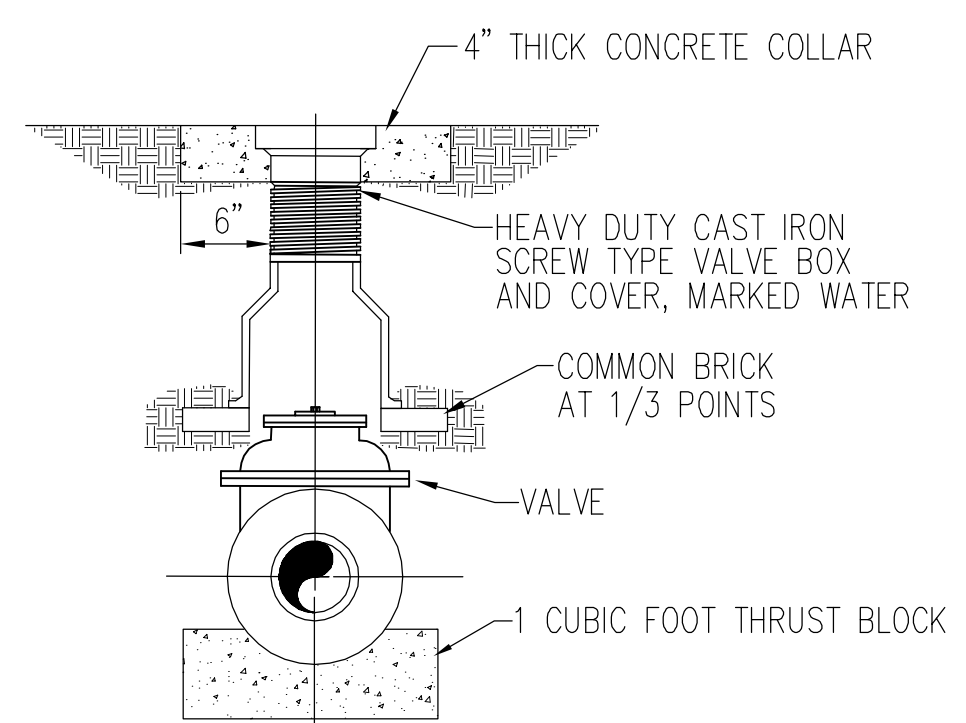
SHEET TITLE:		<b>DETAILS</b>		<b>C-2</b>	
		TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
DES: J. C. AVOLIS, P.E.		DR: MSP / WFF		<b>INTERIOR AND EXTERIOR</b> <b>REPAIRS AT BLDG M116</b> CAMP LEJEUNE, NORTH CAROLINA	
CHK: J. C. AVOLIS, P.E.		SUBMITTED BY:		NAVFAC DRAWING NO. <b>60024568</b>	
DESIGN DIR: T. H. BURTON, P.E.		APPROVED: PWO OR DICC		CONSTR. CONTR. NO. <b>N40085-18-B-0086</b>	
SATISFACTORY TO:		DATE:		SCALE: NOTED SPEC: 05-18-0086 SHEET 6 OF 50	

SITE MAPPING AND SITE DESIGN BY:  
**AVOLIS ENGINEERING, P.A.**  
 P.O. BOX 19584  
 NEW BERN, NC 28561  
 (252) 633-0088 LICENSE NO. C-0706

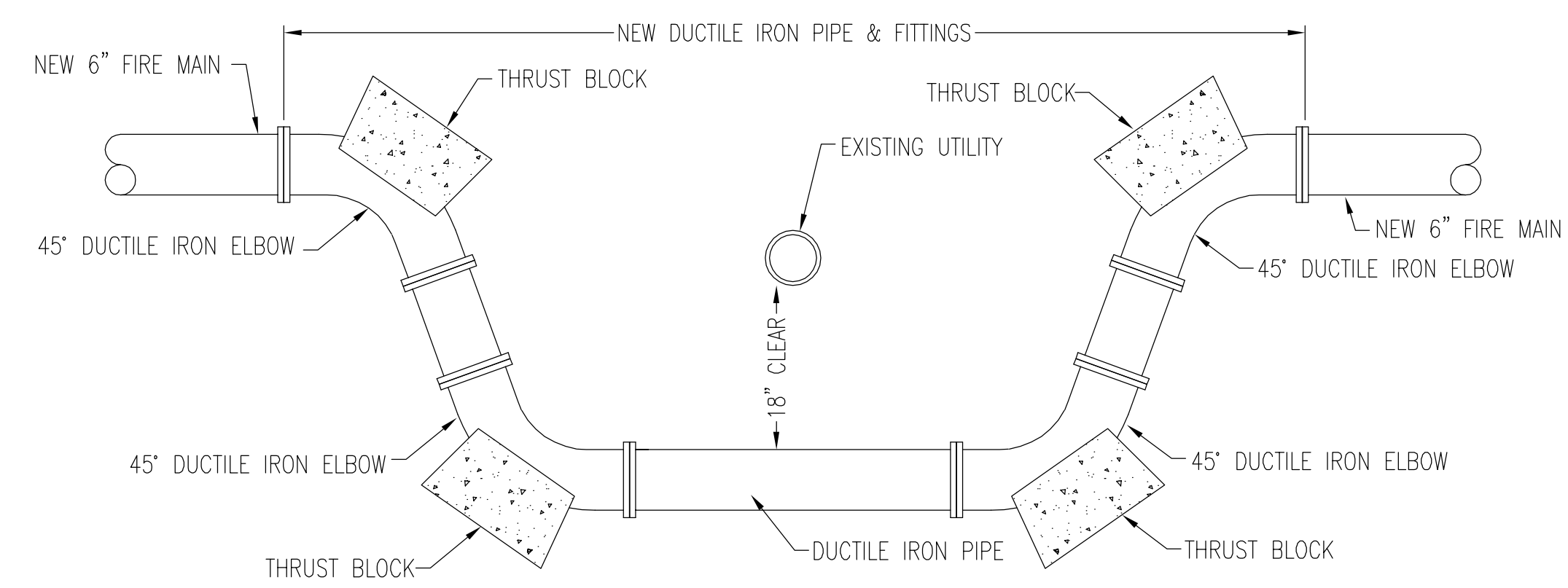
REVISIONS		
SYM	DATE	APPROVED



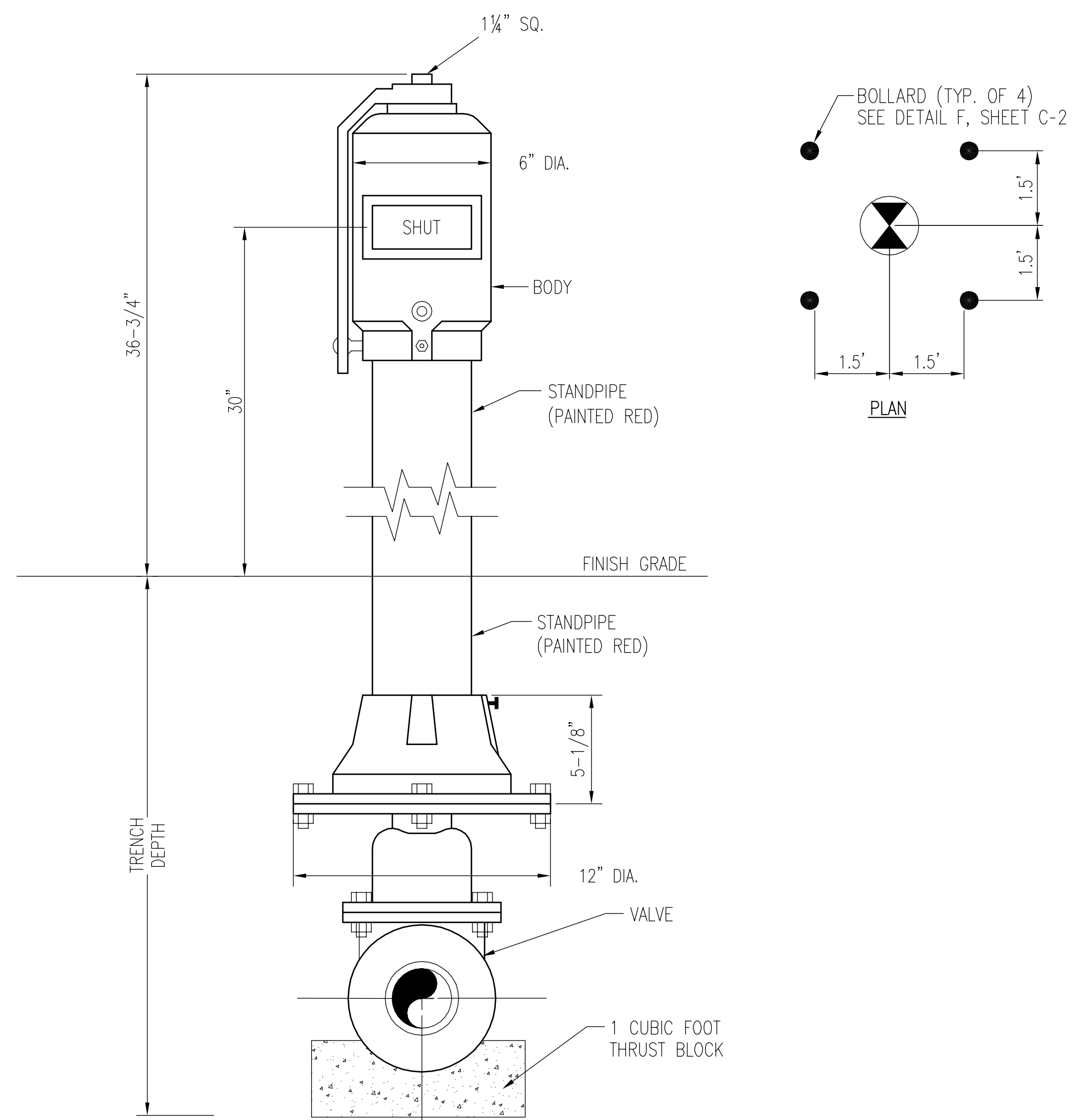
**A TAPPING SADDLE**  
NOT TO SCALE



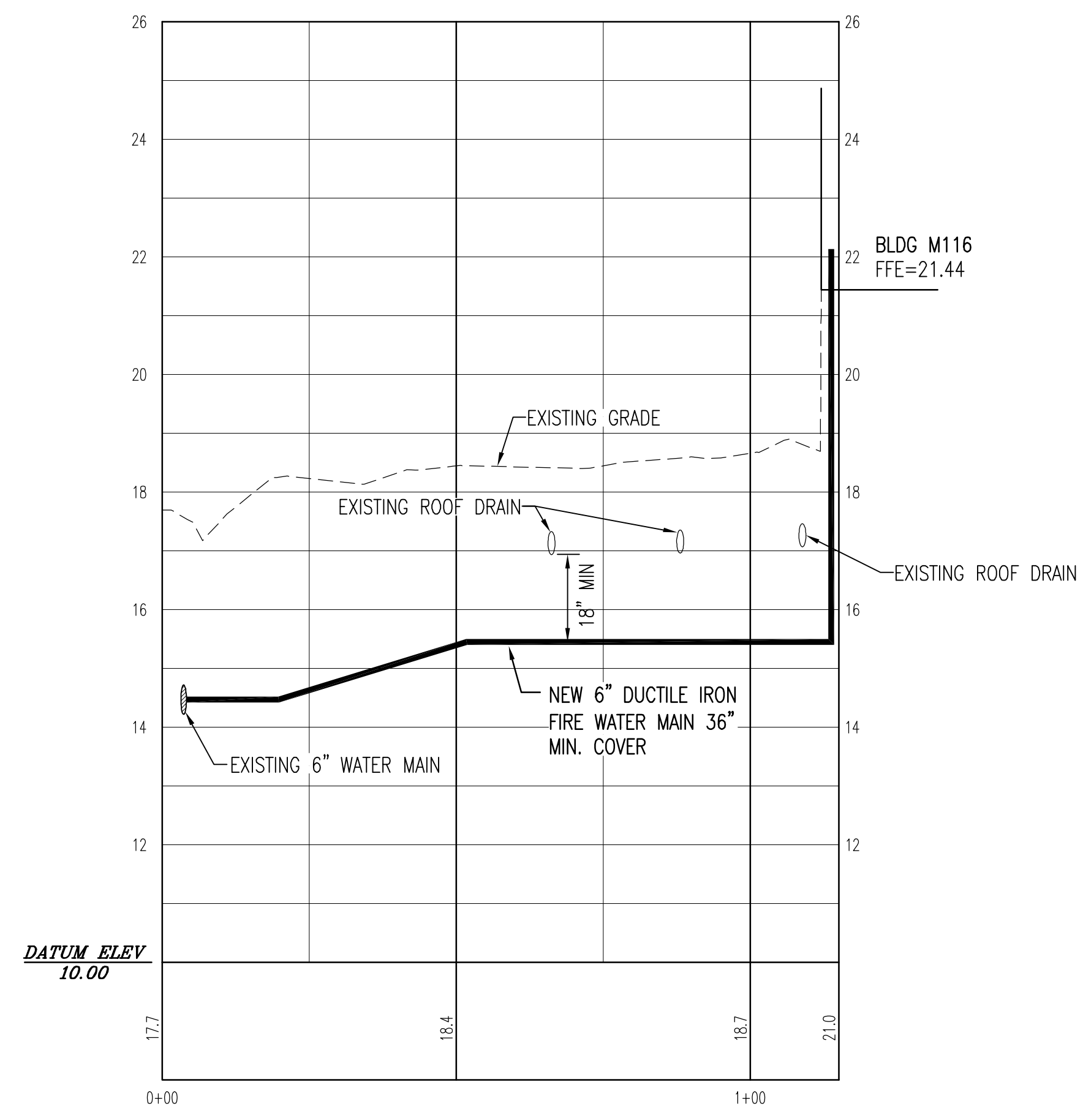
**D VALVE AND VALVE BOX**  
NOT TO SCALE



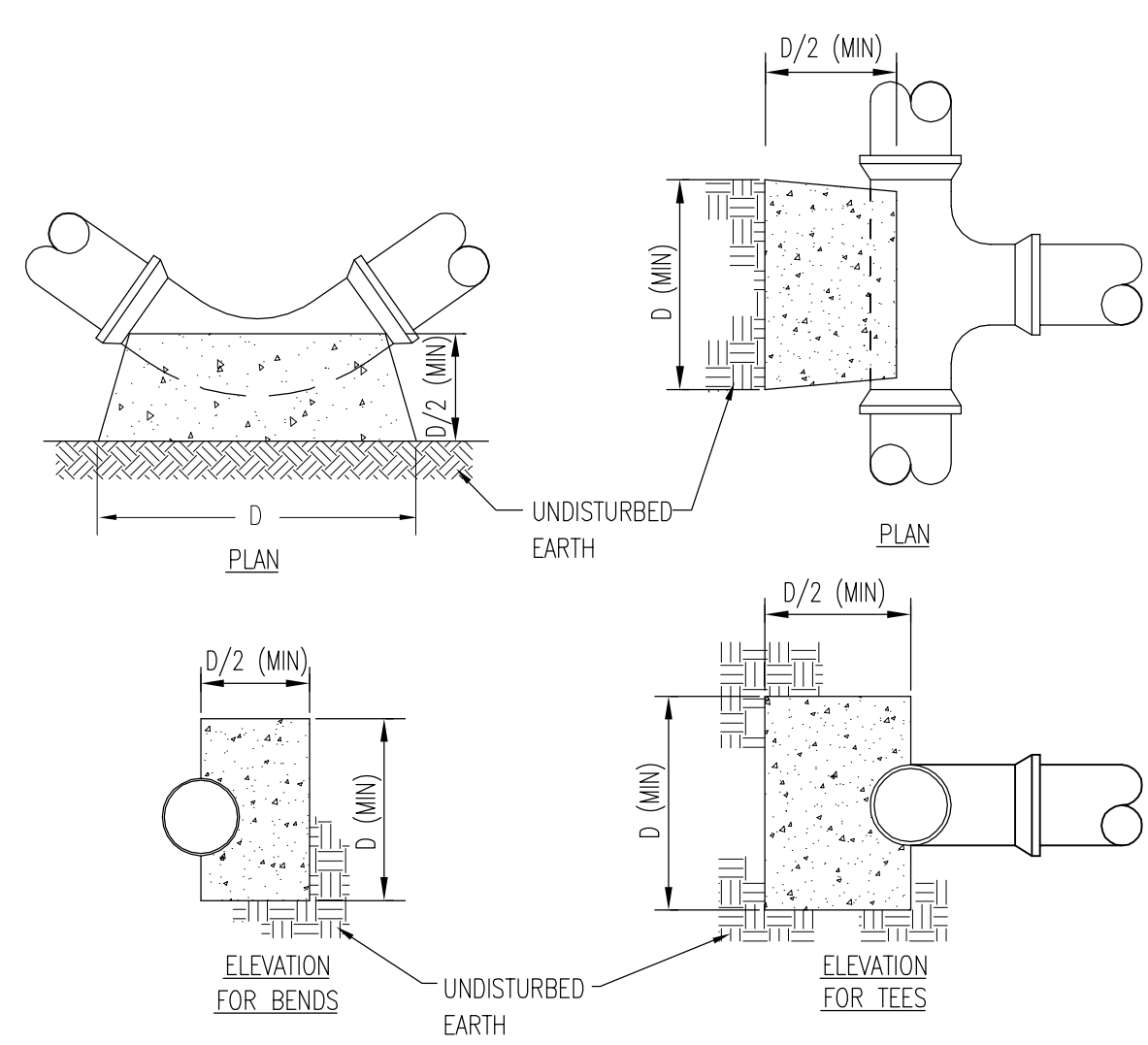
**E UTILITY CROSSING**  
NOT TO SCALE



**B POST INDICATOR AND VALVE**  
NOT TO SCALE



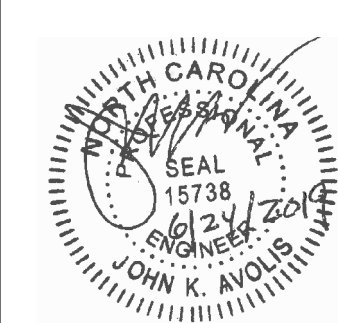
**F 6\"/>**



THRUST BLOCK DIMENSION D (IN FEET)					
NOM. PIPE DIA.	DEAD END	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4\"/>					

**C THRUST BLOCK**  
NOT TO SCALE

**DISCLOSURE OF INFORMATION**  
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SHEET TITLE:		<b>DETAILS</b>		<b>C-3</b>	
TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA			
DES: J. C. AVOLIS, P.E. DIR: MSP / WFF		INTERIOR AND EXTERIOR REPAIRS AT BLDG M116 CAMP LEJEUNE, NORTH CAROLINA			
CHK: J. C. AVOLIS, P.E. SUBMITTED BY:		APPROVED: PWO OR DICG		DATE:	SIZE: F
DESIGN DIR: T. H. BURTON, P.E.		APPROVED: PWO OR DICG		DATE:	SIZE: F
SATISFACTORY TO:		DATE:		CODE IDENT. NO: 80091	NAVFAC DRAWING NO: 60024569
SCALE: NOTED		SPEC: 05-18-0086		CONSTR. CONTR. NO. N40085-18-B-0086	
SHEET 7 OF 50					

SITE MAPPING AND SITE DESIGN BY:  
**AVOLIS ENGINEERING, P.A.**  
P.O. BOX 19584  
NEW BERN, NC 28561  
(252) 633-0088 LICENSE NO. C-0706

REVISIONS		
SYMBOL	DATE	APPROVED

GENERAL NOTES:

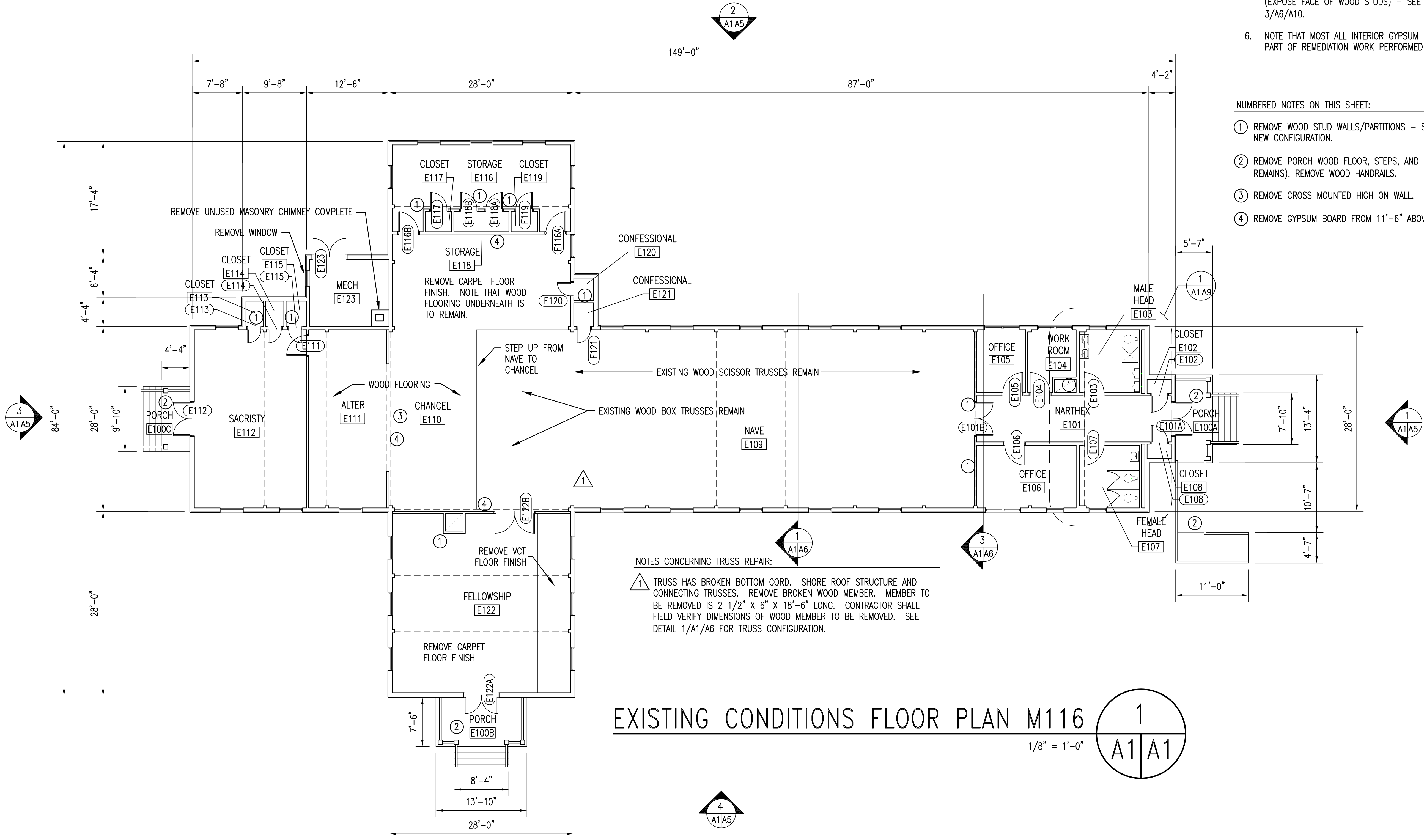
- DIMENSIONS ON PLANS ARE APPROXIMATE. VERIFY DIMENSIONS ON JOB.
- NOTING CONVENTION ON PLANS AND DETAILS: ON PLANS AND DETAILS TITLED AS "EXISTING CONDITIONS," ITEMS SHOWN AND NOTED ARE EXISTING UNLESS SPECIFICALLY INDICATED OTHERWISE. ON PLANS AND DETAILS TITLED AS "NEW" OR "RENOVATED CONDITIONS," ITEMS SHOWN AND NOTED ARE NEW OR ALTERED UNLESS SPECIFICALLY INDICATED OTHERWISE. TO DETERMINE FULL EXTENT OF WORK REQUIRED, COMPARE EXISTING CONDITIONS PLANS AND DETAILS TO NEW OR RENOVATED CONDITIONS PLANS AND DETAILS.
- THE WORDS "PAINT," "PAINTING," "REPAINT," OR "REFINISH" CARRY WITH THEM THE CONNOTATION THAT SURFACE PREPARATION, PRIMING (OR STAINING) AND NUMBER OF COATS OF PAINT (OR CLEAR FINISH) DESCRIBED IN THE SPECIFICATIONS ARE REQUIRED.
- PAINT COLORS SHALL BE AS STATED IN THE "INTERIOR COLOR SCHEDULE" INCLUDED IN THESE DRAWINGS. IF COLOR IS NOT STATED, COLOR SHALL BE SAME AS EXISTING. CONTRACTING OFFICER RESERVES THE RIGHT TO MAKE FINAL COLOR SELECTIONS.
- CAULKING/SEALANT IS REQUIRED AT ALL LOCATIONS PRESENTLY HAVING OR NORMALLY REQUIRING CAULKING/SEALANT INCLUDING BUT NOT NECESSARILY LIMITED TO: DOORS, WINDOWS, LOUVERS, VENTS, AND MASONRY CONTROL AND EXPANSION JOINTS.
- WHERE NEW WORK IS REQUIRED THAT WILL REPLACE EXISTING MATERIALS THE NEW WORK SHALL MATCH THE EXISTING AS CLOSELY AS POSSIBLE.
- CONDITIONS, DETAILS, AND AREAS OF WORK SHOWN ON THESE DRAWINGS ARE BASED ON FIELD INVESTIGATIONS AND SHOULD REPRESENT CURRENT CONDITIONS. IF CONDITIONS ARE ENCOUNTERED THAT ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, IMMEDIATELY NOTIFY CONTRACTING OFFICER OF SUCH CONDITIONS PRIOR TO PROCEEDING WITH WORK IN THE AREA IN QUESTION. MINOR VARIATIONS WITH LITTLE IMPACT ON THE SCOPE OF WORK SHALL NOT BE CONSIDERED SIGNIFICANT.
- WHERE AN ITEM OR FEATURE IS SHOWN ON DRAWINGS THAT DEPICT EXISTING CONDITIONS, AND SUCH ITEM OR FEATURE IS NOT SHOWN ON DRAWINGS THAT DEPICT NEW OR ALTERED CONDITIONS, IT IS INFERRED THAT THE ITEM OR FEATURE IS TO BE REMOVED AS PART OF THIS WORK AND ALL SURFACES DISTURBED ARE TO BE NEATLY REPAIRED AND PATCHED TO MATCH EXISTING UNLESS INDICATED OTHERWISE. INCLUDE SUCH WORK IN BID PRICE.
- WHERE AN ITEM OR FEATURE IS TO BE REMOVED THE REQUIREMENT FOR REMOVAL INCLUDES THAT ALL RELATED APPURTENANCES ALSO BE REMOVED UNLESS INDICATED OTHERWISE. FOR EXAMPLE, WHERE AN EXISTING DOOR AND FRAME ARE TO BE REMOVED, THE HARDWARE, THRESHOLD, STOPS, ETC. ARE ALSO TO BE REMOVED.
- FOR EACH ACTIVITY THAT INVOLVES DISTURBANCE TO AN EXISTING SURFACE OR SURFACES, THE ACTIVITY CARRIES WITH IT THE STIPULATION THAT ALL DISTURBED SURFACES BE NEATLY REPAIRED AND PATCHED TO MATCH EXISTING. FOR EXAMPLE, WHERE INTERIOR PARTITIONS ARE REMOVED IT IS REQUIRED THAT ANY DISTURBED WALL, FLOOR, CEILING, TRIMS, BASE, ETC. THAT REMAINS BE NEATLY REPAIRED AND PATCHED TO MATCH EXISTING.
- IF EXISTING MATERIALS CANNOT BE REPAIRED AND PATCHED, NEW MATERIALS SHALL BE PROVIDED. WHERE NEW MATERIALS ARE REQUIRED TO BE BUILT INTO THE EXISTING STRUCTURE OR MATERIALS, OR BUILT ADJOINING EXISTING STRUCTURE OR MATERIALS, THE TEXTURE AND FINISH OF THE NEW MATERIAL SHALL MATCH THE EXISTING AND SHALL BE NEATLY BLENDED INTO THE EXISTING. ALIGN NEW MASONRY JOINTING, VERTICAL OR HORIZONTAL LINES, METAL WALL PANELS, ETC. WITH EXISTING.
- HOLES AND OTHER DAMAGE CAUSED BY TEMPORARY INSTALLATIONS, BARRIERS, ETC. SHALL BE REPAIRED IN A MANNER COMPATIBLE WITH AND EQUAL TO EXISTING CONDITIONS.
- WHERE NEW WORK IS REQUIRED AND DRAWINGS AND SPECIFICATIONS ARE NOT SPECIFIC AS TO TYPE AND QUALITY OF WORK, PROVIDE TYPE AND QUALITY EQUAL TO OR BETTER THAN CORRESPONDING WORK ON EXISTING BUILDING. IN THE ABSENCE OF ANY CORRESPONDING WORK ON EXISTING BUILDING, PROVIDE FIRST QUALITY INDUSTRY STANDARD COMPATIBLE TO EXISTING BUILDING. CONTRACTING OFFICER SHALL MAKE FINAL DETERMINATION OF WHETHER OR NOT CONTRACTOR'S PROPOSED WORK COMPLIES.
- GOVERNMENT WILL REMOVE INTERIOR BUILDING CONTENTS. GOVERNMENT WILL MOVE STORAGE UNITS AND EQUIPMENT A MINIMUM OF 10' AWAY FROM EXTERIOR PERIMETER OF BUILDING.

GENERAL NOTES ON THIS SHEET:

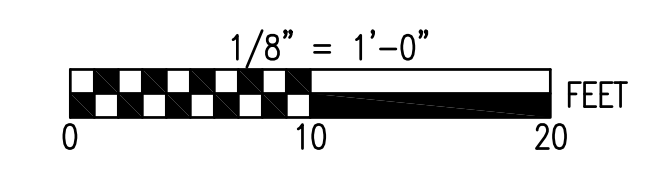
- REMOVE WINDOWS FROM BUILDING - SEE DETAIL 1/A1/A11 AND 3/A1/A11.
- REMOVE INTERIOR AND EXTERIOR DOORS AND FRAMES FROM BUILDING - SEE DOOR SCHEDULES SHEET A3.
- REMOVE ALL VINYL SIDING, RIGID INSULATION BACKER AND SOFFIT FROM THE BUILDING - SEE DETAIL 1/A6/A10 AND 3/A6/A10.
- REMOVE ALL SHEET METAL CLADDING FROM THE BUILDING - SEE DETAIL 1/A6/A10 AND 3/A6/A10.
- REMOVE WOOD SHEATHING FROM THE EXTERIOR OF THE BUILDING (EXPOSE FACE OF WOOD STUDS) - SEE DETAIL 1/A6/A10 AND 3/A6/A10.
- NOTE THAT MOST ALL INTERIOR GYPSUM BOARD WAS REMOVED AS PART OF REMEDIATION WORK PERFORMED AFTER 2018 STORM DAMAGE.

NUMBERED NOTES ON THIS SHEET:

- REMOVE WOOD STUD WALLS/PARTITIONS - SEE RENOVATED PLAN FOR NEW CONFIGURATION.
- REMOVE PORCH WOOD FLOOR, STEPS, AND RAMP DECKING (STRUCTURE REMAINS). REMOVE WOOD HANDRAILS.
- REMOVE CROSS MOUNTED HIGH ON WALL. STORE IN SAFE LOCATION.
- REMOVE GYPSUM BOARD FROM 11'-6" ABOVE FLOOR TO TOP OF WALL.



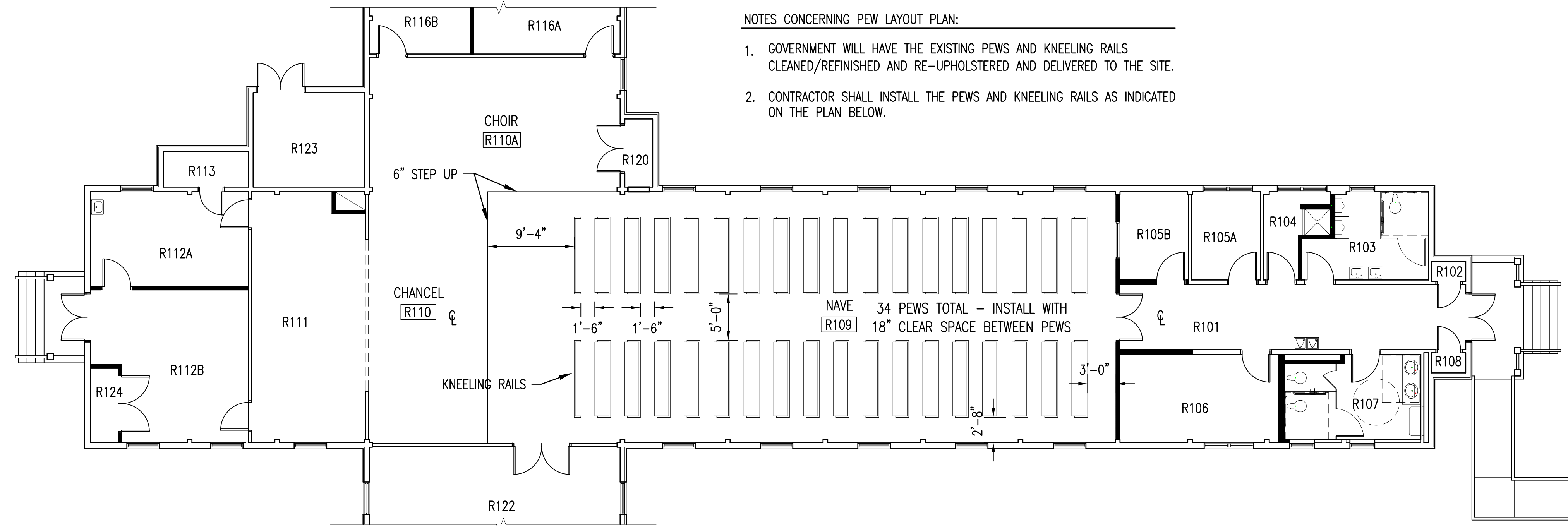
EXISTING CONDITIONS FLOOR PLAN M116  
1/8" = 1'-0"  
A1/A1



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>EXISTING CONDITIONS PLAN</b>		<b>A-1</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		INTERIOR AND EXTERIOR <b>REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA
	SUBMITTED BY: DESIGN DIR. APPROVED:	DATE:	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b>
SATISFACTORY TO:	DATE:	SCALE: NOTED SPEC: 05-18-0086	SHEET 8 OF 50

REVISIONS		
SYMBOL	DATE	APPROVED



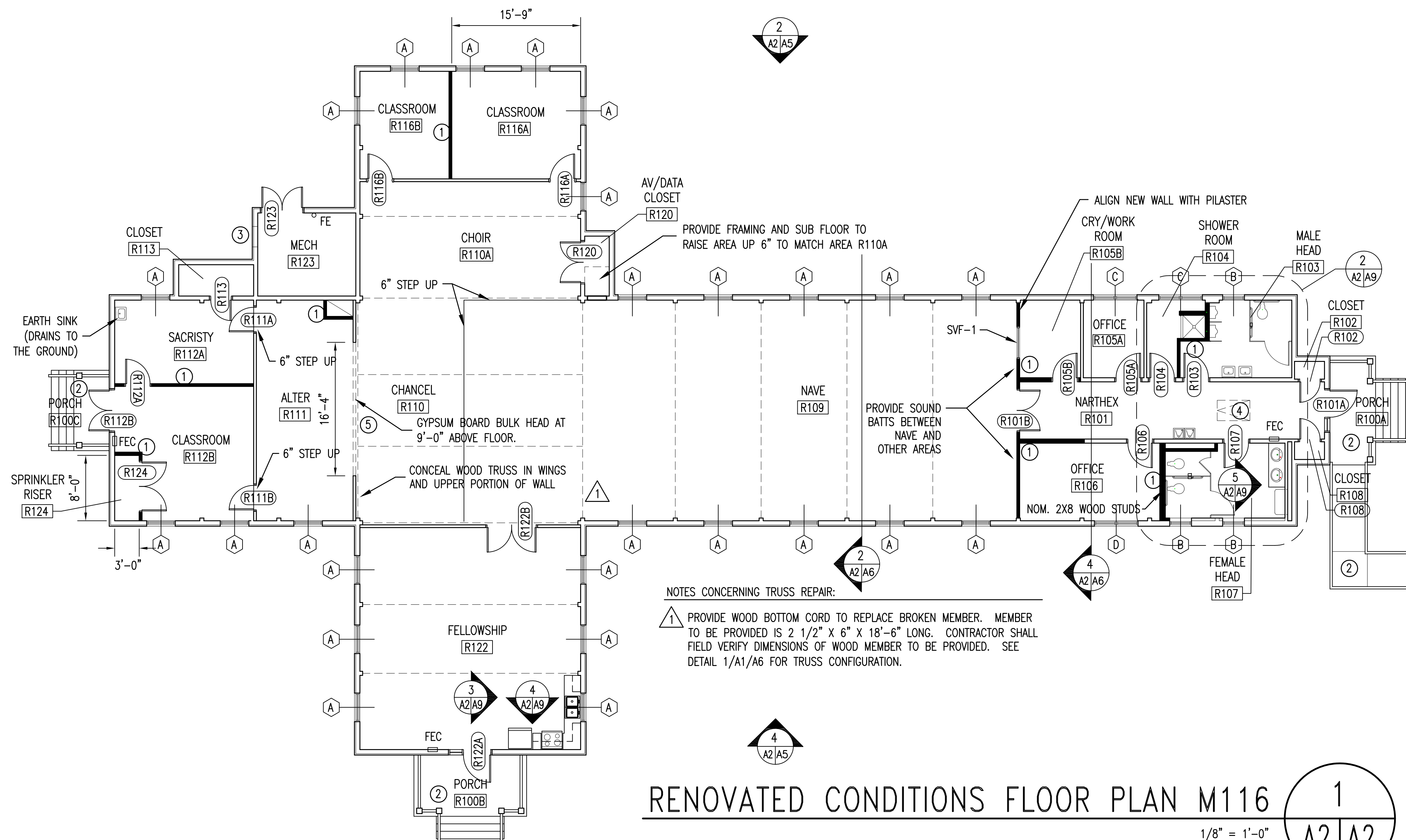
RENOVATED CONDITIONS PEW LAYOUT 3  
 1/8" = 1'-0" A2 | A2

GENERAL NOTES ON THIS SHEET:

- PROVIDE WINDOWS - SEE DETAIL 2/A2/A11 AND 4/A2/A11.
- PROVIDE INTERIOR AND EXTERIOR DOORS AND FRAMES THROUGHOUT BUILDING - SEE DOOR SCHEDULES SHEET A3.
- PROVIDE VINYL SIDING, RIGID INSULATION BACKER AND SOFFITS - SEE DETAIL 2/A6/A10 AND 4/A6/A10.
- PROVIDE SHEET METAL CLADDING - SEE DETAIL 2/A6/A10 AND 4/A6/A10.
- PROVIDE WOOD SHEATHING ON THE EXTERIOR OF THE BUILDING - SEE DETAIL 2/A6/A10 AND 4/A6/A10.

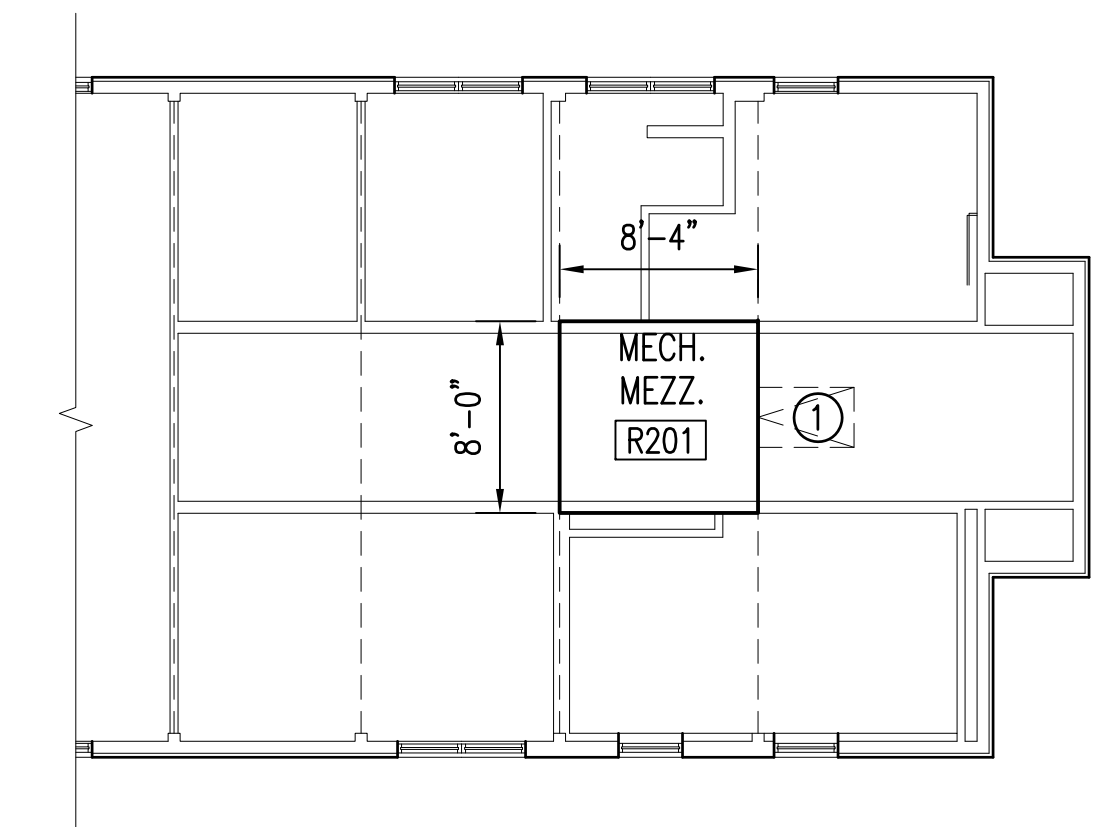
NUMBERED NOTES ON THIS SHEET:

- PROVIDE NOM. 2X4 WOOD STUD WALLS/PARTITIONS, EXCEPT PROVIDE 8" STUDS WHERE NOTED - WALL/PARTITIONS HATCHED SOLID ARE NEW.
- PROVIDE PORCH NOM. 2X6 TREATED WOOD FLOOR, STEP AND RAMP DECKING. PROVIDE NOM. 2X4 TREATED WOOD HANDRAILS. NEW WOOD DECKING AND RAILING IS TO BE INSTALLED IN THE EXISTING CONFIGURATION. CONTRACTOR SHALL ASSUME TO REPLACE 300 BOARD FEET OF NOM. 2X8 TREATED WOOD JOISTS AND/OR OTHER RELATED STRUCTURE.
- PROVIDE WOOD FRAMING IN-FILL WHERE WINDOW WAS REMOVED.
- PROVIDE FOLD DOWN ATTIC ACCESS LADDER TO ATTIC AREA FOR MAINTENANCE OF HVAC EQUIPMENT.
- CLEAN AND REINSTALL EXISTING WOOD CROSS IN ORIGINAL LOCATION.

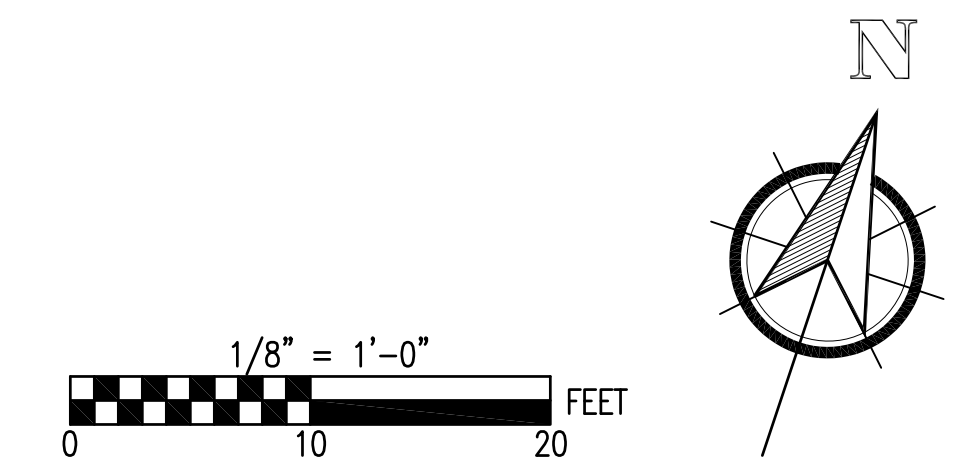


RENOVATED CONDITIONS FLOOR PLAN M116 1  
 1/8" = 1'-0" A2 | A2

- FEC FIRE EXTINGUISHER CABINET - SEMI-RECESSED CABINET  
 FE FIRE EXTINGUISHER - WALL MOUNTED BRACKET  
 ALSO SEE LIFE SAFETY PLAN.



RENOVATED MEZZANINE PLAN 2  
 1/8" = 1'-0" A2 | A2



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: RENOVATED CONDITIONS PLAN		<b>A-2</b>	
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 SHELBY, N.C.		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		<b>INTERIOR AND EXTERIOR          REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA		
SUBMITTED BY: DESIGN DIR. APPROVED:		DATE:	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b>	NAVFAC DRAWING NO. <b>60024571</b> CONST. CONTR. NO. <b>N40085-18-B-0086</b>
SATISFACTORY TO:		DATE:	SCALE: NOTED SPEC. 05-18-0086	SHEET 9 OF 50

REVISIONS		
SYMBOL	DATE	APPROVED

### SCHEDULE OF EXISTING DOORS AND FRAMES

(E100) SEE THIS SYMBOL ON FLOOR PLAN FOR IDENTIFYING DOOR NUMBER

DOOR NO.	DOOR SIZE	DOOR TYPE	GLASS PANEL	LOUVER OR UC	HDW. NO.	FIRE RATING	ROUGH OPENING WHERE APPLICABLE	FRAME TYPE	FRAME DEPTH	FRAME POSITION	THRESH DETAIL	LINTEL	REMARKS	DOOR NO.
E101A	PR 2-6 X 7-0	WD	-	-	-	-	5'-3" X 7'-1 1/2"	WDF	7 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E101A
E101B	PR 2-6 X 7-0	WD	2 X 6	-	-	-	5'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E101B
E102	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E102
E103	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E103
E104	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E104
E105	3-0 X 7-0	WD	2 X 6	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E105
E106	3-0 X 7-0	WD	2 X 6	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E106
E107	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E107
E108	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E108
E111	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E111
E112	PR 2-6 X 7-0	WD	-	-	-	-	5'-3" X 7'-1 1/2"	WDF	7 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E112
E113	2-6 X 7-0	WD	-	-	-	-	2'-3" X 7'-1 1/2"	WDF	6 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E113
E114	2-6 X 7-0	WD	-	-	-	-	2'-3" X 7'-1 1/2"	WDF	6 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E114
E115	2-6 X 7-0	WD	-	-	-	-	2'-3" X 7'-1 1/2"	WDF	6 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E115
E116A	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E116A
E116B	3-0 X 7-0	WD	-	-	-	-	3'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E116B
E117	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E117
E118A	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E118A
E118B	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E118B
E119	2-6 X 7-0	WD	-	-	-	-	2'-9" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E119
E120	2-0 X 7-0	WD	-	-	-	-	2'-3" X 7'-1 1/2"	WDF	7 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E120
E121	2-0 X 7-0	WD	-	-	-	-	2'-3" X 7'-1 1/2"	WDF	6 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E121
E122A	PR 2-6 X 7-0	WD	-	-	-	-	5'-3" X 7'-1 1/2"	WDF	7 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E122A
E122B	PR 3-0 X 7-0	WD	-	-	-	-	6'-3" X 7'-1 1/2"	WDF	4 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E122B
E123	PR 2-6 X 7-0	WD	-	18 X 18 L	-	-	5'-3" X 7'-1 1/2"	WDF	7 3/4"	-	-	-	REMOVE DOOR, FRAME, & HARDWARE COMPLETE	E123

### SCHEDULE OF RENOVATED DOORS AND FRAMES

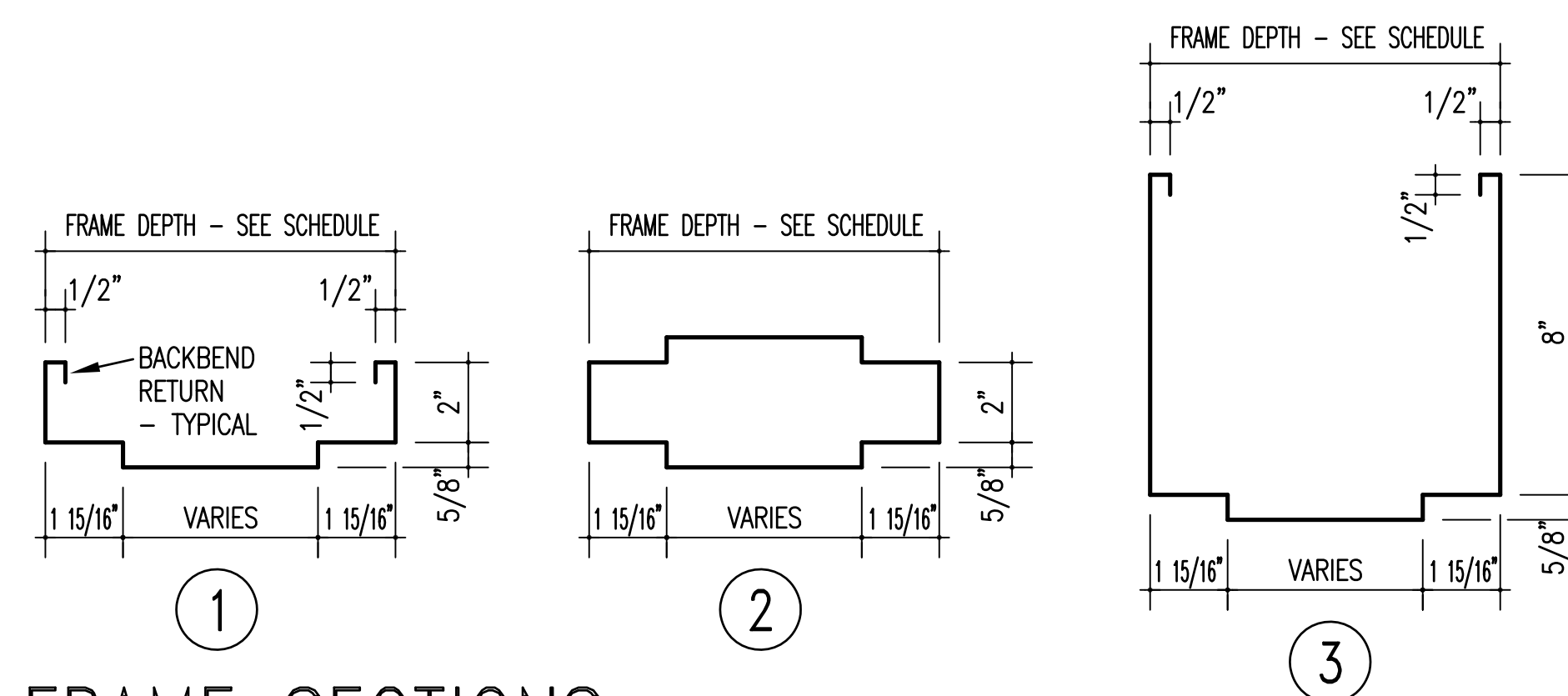
(R100) SEE THIS SYMBOL ON FLOOR PLAN FOR IDENTIFYING DOOR NUMBER

DOOR NO.	DOOR SIZE	DOOR TYPE	GLASS PANEL	LOUVER OR UC	HDW. NO.	FIRE RATING	ROUGH OPENING WHERE APPLICABLE	FRAME TYPE	FRAME DEPTH	FRAME POSITION	THRESH DETAIL	LINTEL	REMARKS	DOOR NO.
R101A	3-4 X 7-0	SD-1	-	-	1	-	-	SDF-1	8 1/2"	1	-	-	BLAST RESISTANT	R101A
R101B	PR 2-6 X 7-0	WD-1	2" X 4"	-	6	-	-	SDF-2	6"	2	-	-	-	R101B
R102	2-6 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R102
R103	3-0 X 7-0	WD-1	-	-	3	-	-	SDF-3	6"	2	-	-	-	R103
R104	3-0 X 7-0	WD-1	-	-	4	-	-	SDF-3	6"	2	-	-	-	R104
R105A	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R105A
R105B	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R105B
R106	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R106
R107	3-0 X 7-0	WD-1	-	-	3	-	-	SDF-3	6"	2	-	-	-	R107
R108	2-6 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R108
R111A	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R111A
R111B	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R111B
R112A	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R112A
R112B	3-4 X 7-0	SD-1	-	-	1	-	-	SDF-1	8 1/2"	1	-	-	BLAST RESISTANT	R112B
R113	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	8"	2	-	-	-	R113
R116A	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R116A
R116B	3-0 X 7-0	WD-1	-	-	2	-	-	SDF-3	6"	2	-	-	-	R116B
R120	PR 3-0 X 7-0	WD-1	-	-	5	-	-	SDF-2	9"	2	-	-	-	R120
R122A	3-4 X 7-0	SD-1	-	-	1	-	-	SDF-1	8 1/2"	1	-	-	BLAST RESISTANT	R122A
R122B	PR 3-0 X 7-0	WD-1	2" X 4"	-	6	-	-	SDF-2	6"	2	-	-	-	R122B
R123	PR 2-6 X 7-0	SD-1	-	-	7	-	-	SDF-2	8 1/2"	1	-	-	-	R123
R124	PR 3-0 X 7-0	WD-1	-	-	5	-	-	SDF-2	6"	2	-	-	-	R124
SVF-1	3-8 X 3-8	-	-	-	-	-	-	SVF-1	6"	2	-	-	-	SVF-1

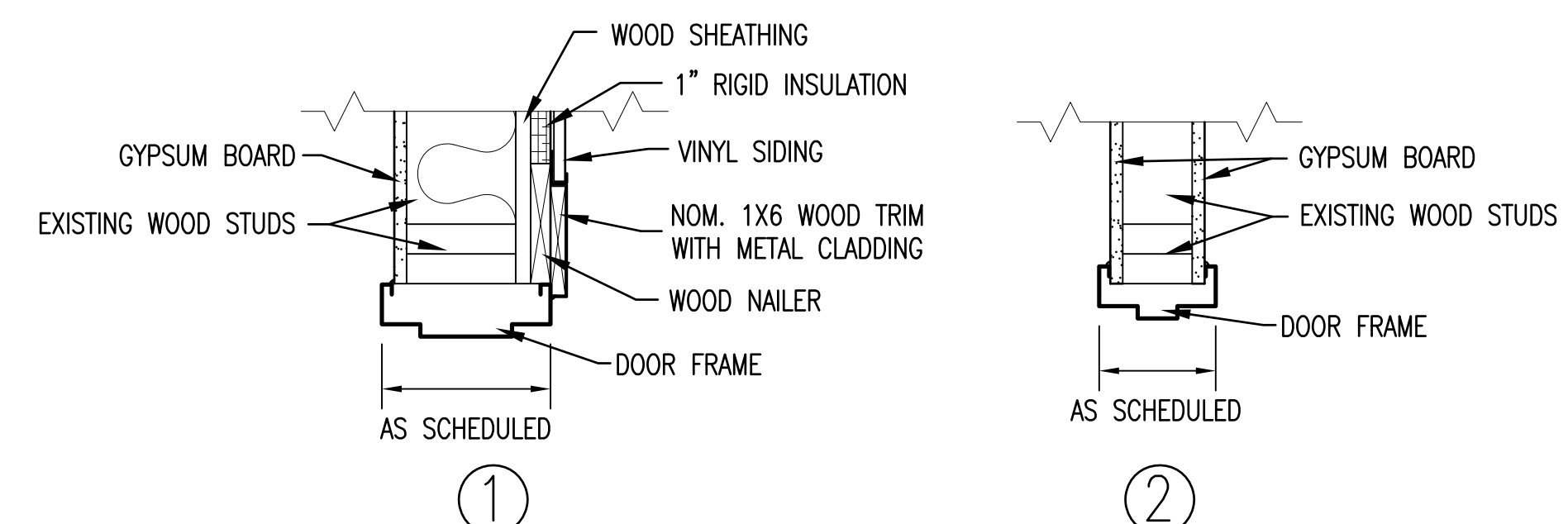
NOTES CONCERNING RENOVATED SCHEDULE:

- FIELD VERIFY EXISTING OPENINGS TO RECEIVE NEW STEEL FRAMES.
- PROVIDE 4" ALUMINUM SADDLE THRESHOLD AT DOOR LOCATIONS WHERE FLOOR FINISHES CHANGE.

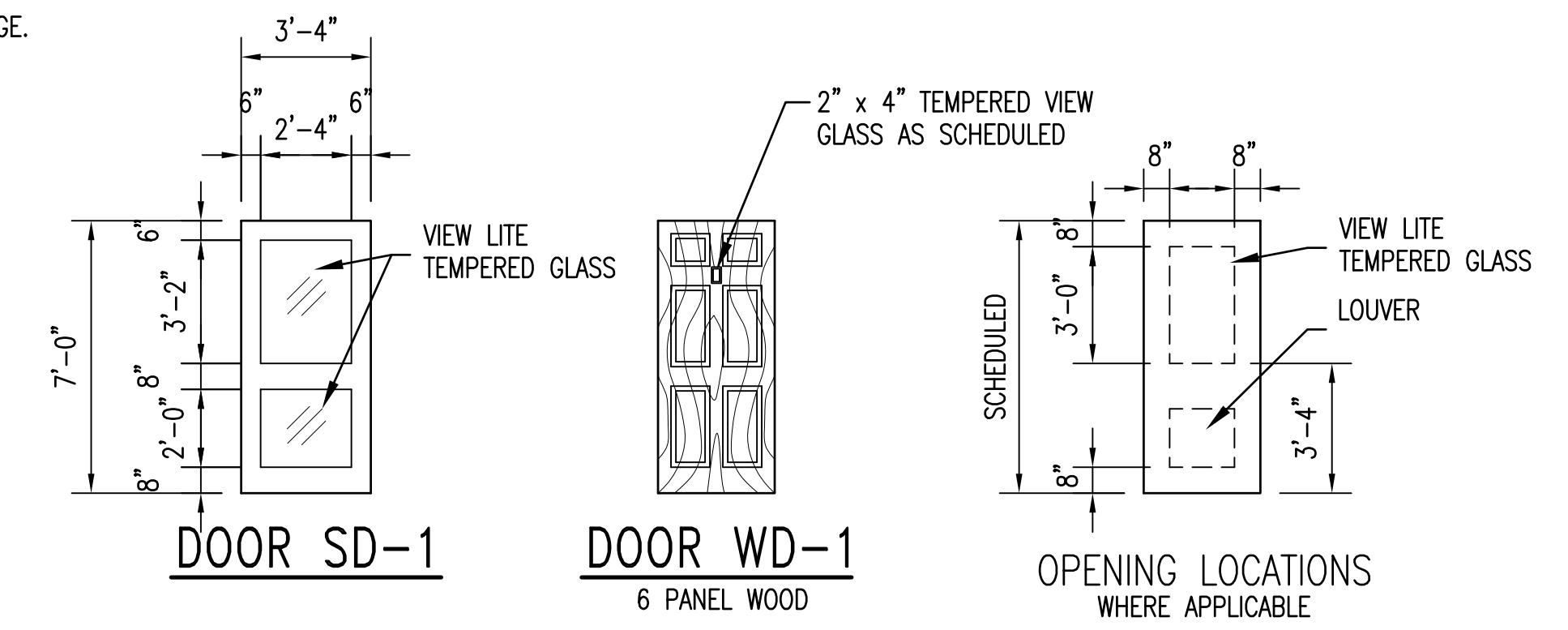
3. PROVIDE 4" ALUMINUM SADDLE THRESH AND HOODED DOOR BOTTOM ON EXTERIOR DOORS.



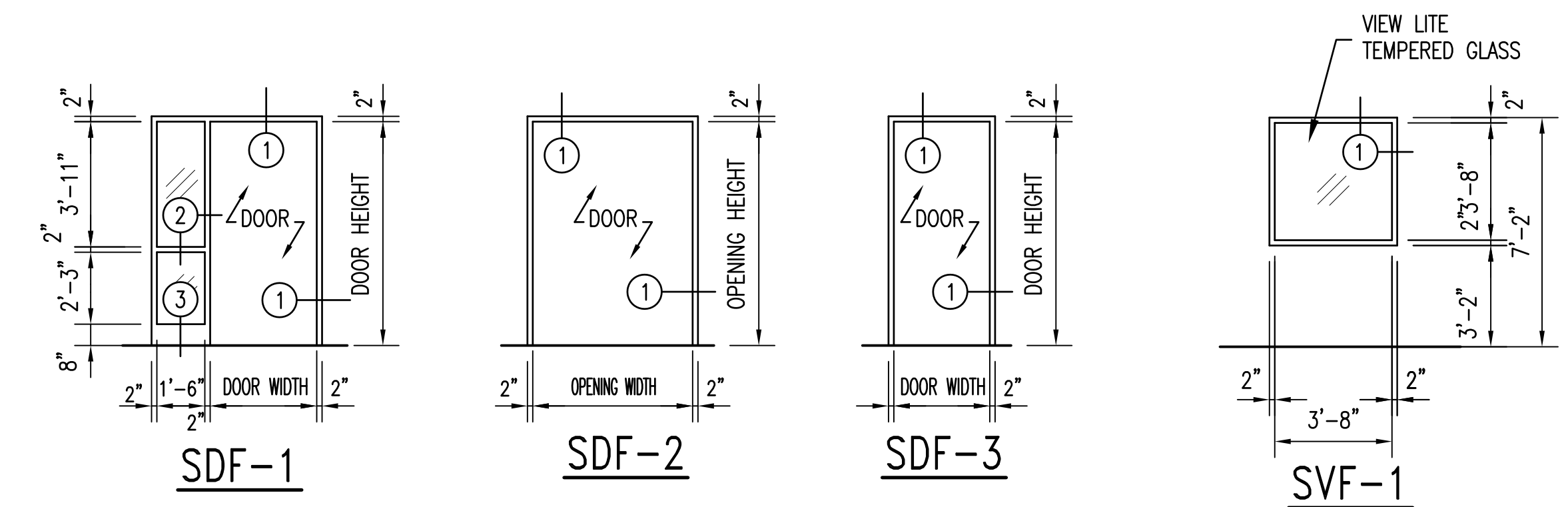
**FRAME SECTIONS** AS INDICATED ON "DOOR FRAME TYPES" BELOW ON THIS SHEET  
 3" = 1'-0" NOTE THAT BACKBEND RETURNS ARE REQUIRED ON ALL FRAMES.



**DOOR FRAME POSITIONING DETAILS**  
 1 1/2" = 1'-0"

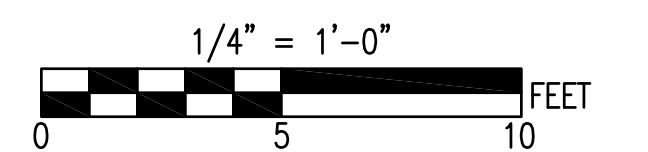


**DOOR TYPES**  
 1/4" = 1'-0"



**DOOR FRAME TYPES**

1/4" = 1'-0" SDF = STEEL DOOR FRAME SVF = STEEL VIEW FRAME FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS.



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>DOOR SCHEDULES</b>		<b>A-3</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 SHELBY, N.C.		
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		<b>INTERIOR AND EXTERIOR          REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA	
SUBMITTED BY: DESIGN DIR. APPROVED:		DATE:	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b> NAVFAC DRAWING NO.: <b>60024572</b> CONST. CONTR. NO.: <b>N40085-18-B-0086</b> SHEET 10 OF 50
SATISFACTORY TO:		DATE:	SCALE: NOTED SPEC: 05-18-0086

REVISIONS		
SYMBOL	DATE	APPROVED

EXISTING FINISH SCHEDULE BUILDING M116											[E100] — SEE THIS SYMBOL ON FLOOR PLANS FOR CORRESPONDING ROOM NUMBER		
ROOM NO.	ROOM NAME	FLOOR					WALL		CEILING		CEILING HT.	REMARKS	ROOM NO.
		FLYWOOD SUB-FLOOR	HARD WOOD	CARPET	12" X 12" VCT	CONCRETE	NONE	OPEN WOOD STUDS	OPEN TO WOOD STRUCTURE	OPEN WOOD TRUSSES			
E101	ENTRY	•										EXISTING CONDITIONS FINISH NOTE: GOVERNMENT HAS REMOVED EXISTING FINISHES UNLESS OTHERWISE INDICATED. REMOVE APPLIED FINISHES THAT REMAIN. EXISTING HARDWOOD FLOOR FINISH REMAINS.	E101
E102	CLOSET	•											E102
E103	MALE HEAD	•											E103
E104	WORK ROOM	•											E104
E105	OFFICE	•											E105
E106	OFFICE	•											E106
E107	FEMALE HEAD	•											E107
E108	CLOSET	•											E108
E109	NAVE/SANCTUARY	•											E109
E110	CHANCEL	•											E110
E111	ALTER	•											E111
E112	SACRISTY	•											E112
E113	CLOSET	•											E113
E114	CLOSET	•											E114
E115	CLOSET	•											E115
E116	STORAGE	•											E116
E117	CLOSET	•											E117
E118	STORAGE	•											E118
E119	CLOSET	•											E119
E120	CONFESSIONAL	•											E120
E121	CONFESSIONAL	•											E121
E122	FELLOWSHIP	•											E122
E123	MECHANICAL	•											E123

RENOVATED FINISH SCHEDULE BUILDING M116											[R100] — SEE THIS SYMBOL ON FLOOR PLANS FOR CORRESPONDING ROOM NUMBER			
ROOM NO.	ROOM NAME	FLOOR					WALL		CEILING		CEILING HT.	REMARKS	ROOM NO.	
		(LVT) LUXURY VINYL PLANK TILE	2" X 2" PORCELAIN	CARPET	RE-FINISHED WOOD FLOOR	NONE	TWO PIECE WOOD	4" COVED RUBBER	4" COVED CERAMIC	NONE				GYPSUM BOARD
R101	ENTRY	•											8'-4"	R101
R102	CLOSET	•											7'-6"	R102
R103	MALE HEAD	•											8'-4"	R103
R104	SHOWER ROOM	•											8'-4"	R104
R105A	OFFICE	•											8'-4"	R105A
R105B	CRY/WORK ROOM	•											8'-4"	R105B
R106	OFFICE	•											8'-4"	R106
R107	FEMALE HEAD	•											8'-4"	R107
R108	CLOSET	•											7'-6"	R108
R109	NAVE/SANCTUARY	•											7'-6"	R109
R110	CHANCEL	•												R110
R110A	CHOIR	•												R110A
R111	ALTER	•											9'-10"	R111
R112A	SACRISTY	•											10'-4"	R112A
R112B	CLASSROOM	•											10'-4"	R112B
R113	CLOSET	•											7'-6"	R113
R116A	CLASSROOM	•											9'-10"	R116A
R116B	CLASSROOM	•											9'-10"	R116B
R120	AV/DATA CLOSET	•											7'-6"	R120
R122	FELLOWSHIP	•												R122
R123	MECHANICAL	•												R123
R124	SPRINKLER RISER	•												R124
R201	MEZZANINE	•												R201

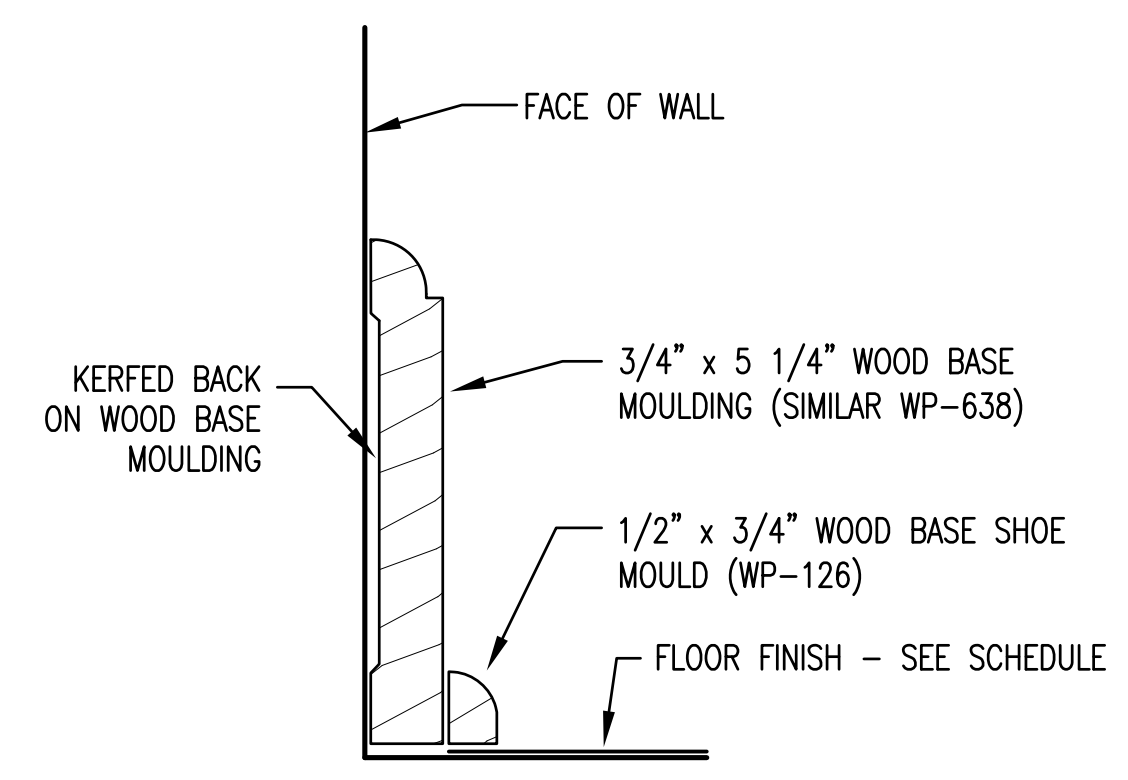
NUMBERED NOTES FROM THE RENOVATED FINISHED SCHEDULE:

- REMOVE EXISTING CARPET AND PLYWOOD UNDERLAYMENT. REFINISH EXISTING HARDWOOD FLOOR WITH ADJACENT FLOOR. IF THE HARDWOOD FLOOR UNDER THE CARPET IS DAMAGED BEYOND REFINISHING (CONFIRM WITH CONTRACTING OFFICER) PROVIDE LVT FLOOR FINISH TO MATCH THE NAVE.
- REFINISH EXISTING WOOD FLOOR. SEE REFINISH NOTE THIS SHEET.
- SEE INTERIOR CONDITIONS NEW COLOR SCHEDULE ON THIS SHEET FOR MORE FINISH INFORMATION.

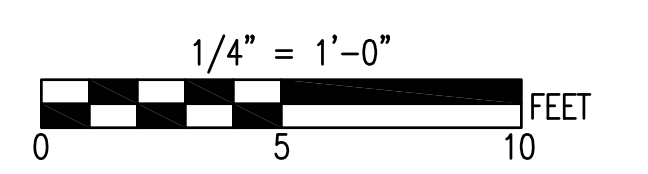
REFINISH EXISTING WOOD FLOOR NOTES:

SAND EXISTING WOOD FLOORING TO A SMOOTH, EVEN, UNIFORM FINISH WITHOUT BURNS. A MINIMUM OF TWO SANDING CUTS REQUIRED. IF NECESSARY FOR AN ATTRACTIVE FINISHED APPEARANCE, EACH CUT SHALL BE WITH A FINER SANDPAPER. USE A HEAVY DRUM SANDER, EXCEPT FINAL CUT BY A 150-TYPE SANDER IS PERMITTED. FINISH EDGES NOT REACHED BY SANDER WITH AN EDGER AND BY HAND METHODS. PERFORM FINAL SANDING AT A TIME THAT ALLOWS FOR STAINING AND SEALING IN ACCORDANCE WITH SPECIFIED REQUIREMENTS IN SPECIFICATIONS 09 00 00. PROTECT FINISHED FLOOR FROM DAMAGE UNTIL FINAL ACCEPTANCE BY GOVERNMENT.

NEW CONDITIONS INTERIOR COLOR SCHEDULE BLDG M116				COLORS INDICATED IN THIS SCHEDULE ARE BASED ON BASE COLOR SCHEME "A". EQUAL MANUFACTURERS TO THOSE SCHEDULED ARE ACCEPTABLE.	
UNLESS NOTED AS "NO CHANGE" PROVIDE NEW FINISH OR FINISH WORK AS SCHEDULED.					
FLOOR	BASE	WALLS	CEILING	STEEL DOORS & FRAMES	CASEWORK LAMINATE
LVT - LUXURY VINYL TILE SHAW CONTRACT, UNCOMMON GROUND, BAMBOO COFFEE 02702	WOOD S-W, ICE CUBE (SW 6252) (SEMI GLOSS)	PAINT GYPSUM BOARD AND MASONRY WALLS WALL - S-W, REALIST BEIGE (SW 6078) WOOD TRIM - S-W, ICE CUBE (SW 6252) (SEMI GLOSS)	ACOUSTICAL LAY-IN ARMSTRONG, CORTEGA, MEDIUM TEXTURE T & G WOOD AND TRUSSES (PAINT) S-W, PEARLY WHITE (7009) (EGGSHELL)	INTERIOR, AND INTERIOR PORTION OF EXTERIOR, STEEL DOORS AND FRAMES TRIM - S-W, ICE CUBE (SW 6252) (SEMI GLOSS)	FEMALE HEAD TOP - DUPONT, CORIAN, WHISPER BODY - WILSONART, BEIGE, 1530-60 MATTE FINISH
PORCELAIN DALITILE, PORCELATO COLOR BODY PORCELAIN, MANDORLA CON SPEZIA CD78	4" COVED RUBBER JOHNSONITE, 63 BURNT UMBER	4" CERAMIC TILE DALITILE, MATTE GLAZED CERAMIC, MATTE URBAN PUTTY 0761	TOILET PARTITIONS GLOBAL PARTITIONS, CARMEL 9658	CASEWORK LAMINATE FELLOWSHIP TOP - DUPONT, CORIAN, COTTAGE LANE BODY - WILSONART, BEIGE, 1530-60 MATTE FINISH	
GROUT CUSTOM BUILDING PRODUCTS, #183 CHATEAU	4" COVED CERAMIC DALITILE, MATTE GLAZED CERAMIC, MATTE URBAN PUTTY 0761	GROUT CUSTOM BUILDING PRODUCTS, #382 BONE	WOOD DOORS MINWAX, DARK WALNUT 2716		
CARPET TANDUS CENTIVA, AFTERMATH II 03026, FLEECE 23508					
REFINISHED WOOD FLOOR (SEE NOTES THIS SHEET) MINWAX, GOLDEN OAK 2108					



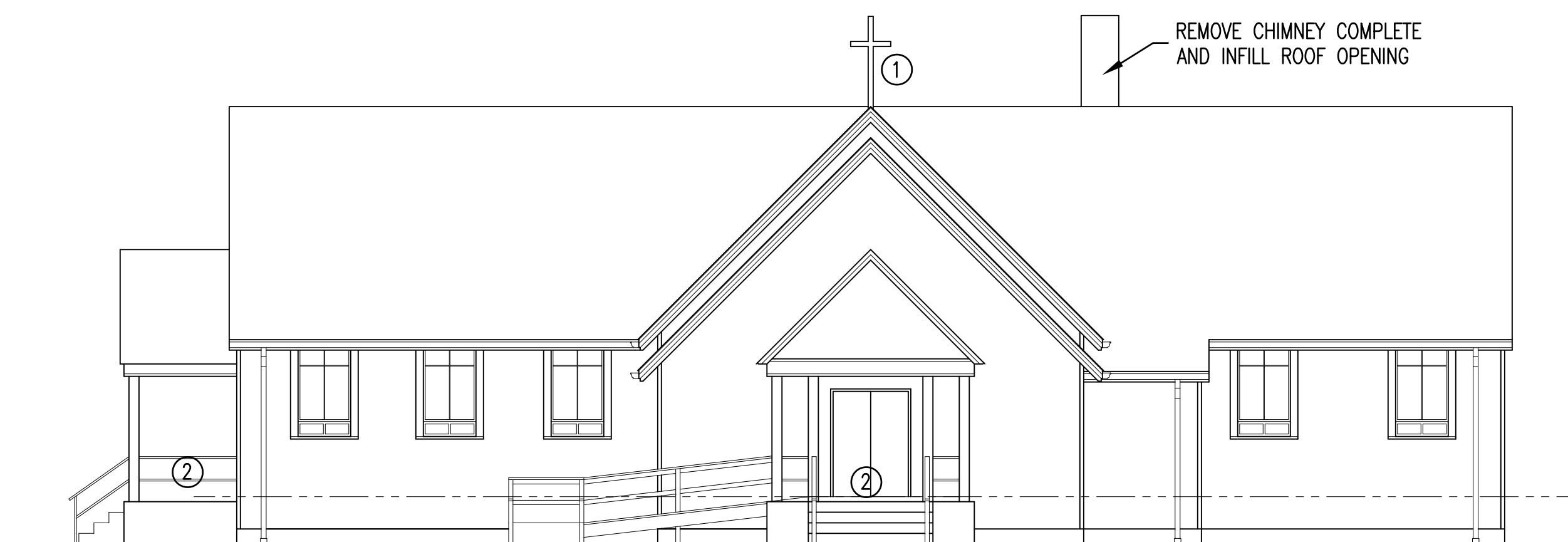
NEW CONDITIONS WOOD BASE DETAIL 1  
SCALE: 6" = 1'-0" A4/A4



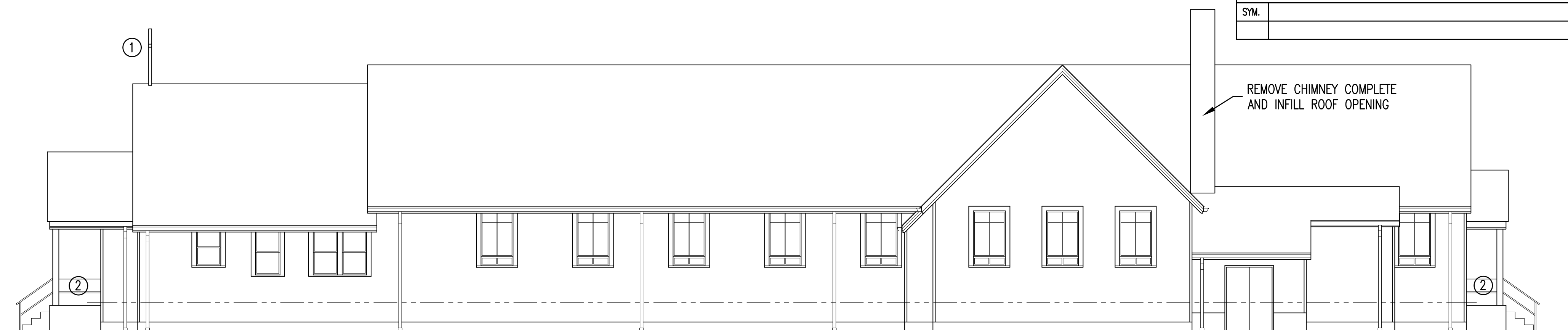
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: FINISH SCHEDULE		<b>A-4</b>	
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA		
SUBMITTED BY: DESIGN DIR.		APPROVED:	DATE:	SIZE: F
SATISFACTORY TO:		CODE IDENT. NO.: 80091	NAVFAC DRAWING NO.: 60024573	CONST. CONTR. NO.: N40085-18-B-0086
06/24/2019		SCALE: NOTED	SPEC: 05-18-0086	SHEET 11 OF 50

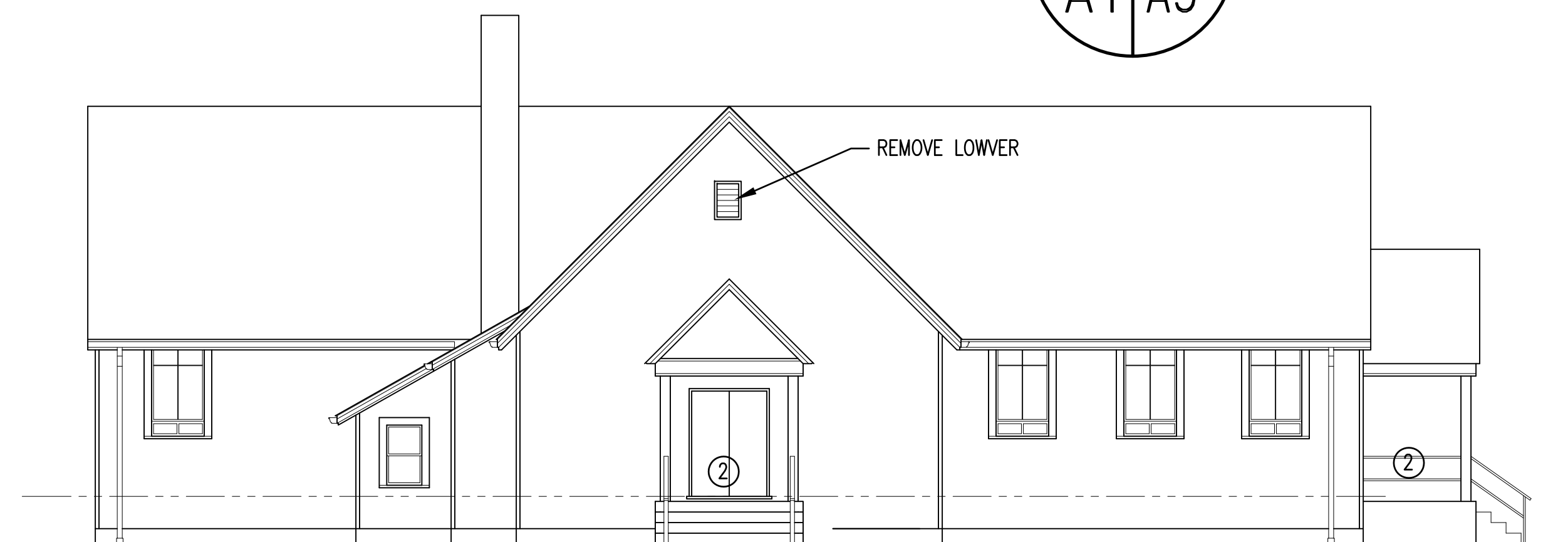
REVISIONS		
SYM.	DATE	APPROVED



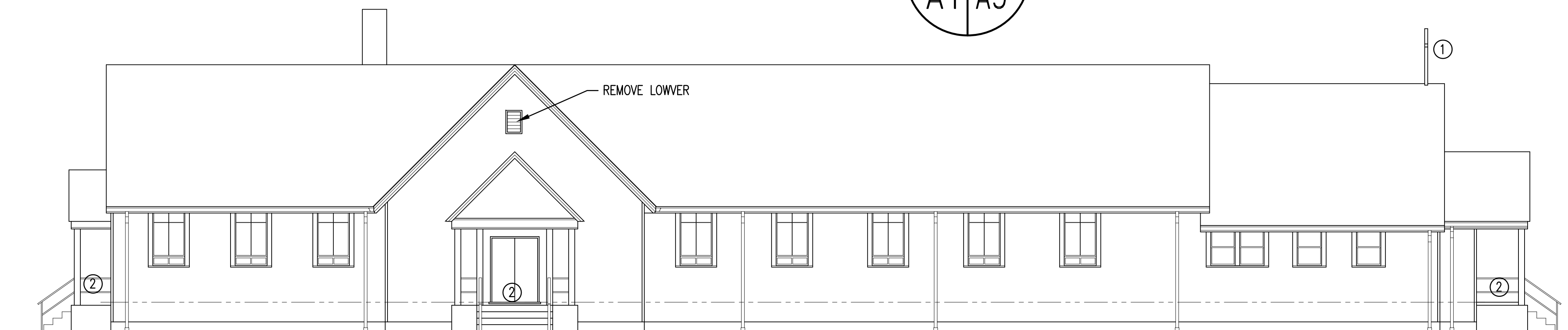
EXISTING ELEVATION 1  
1/8" = 1'-0"  
A1 | A5



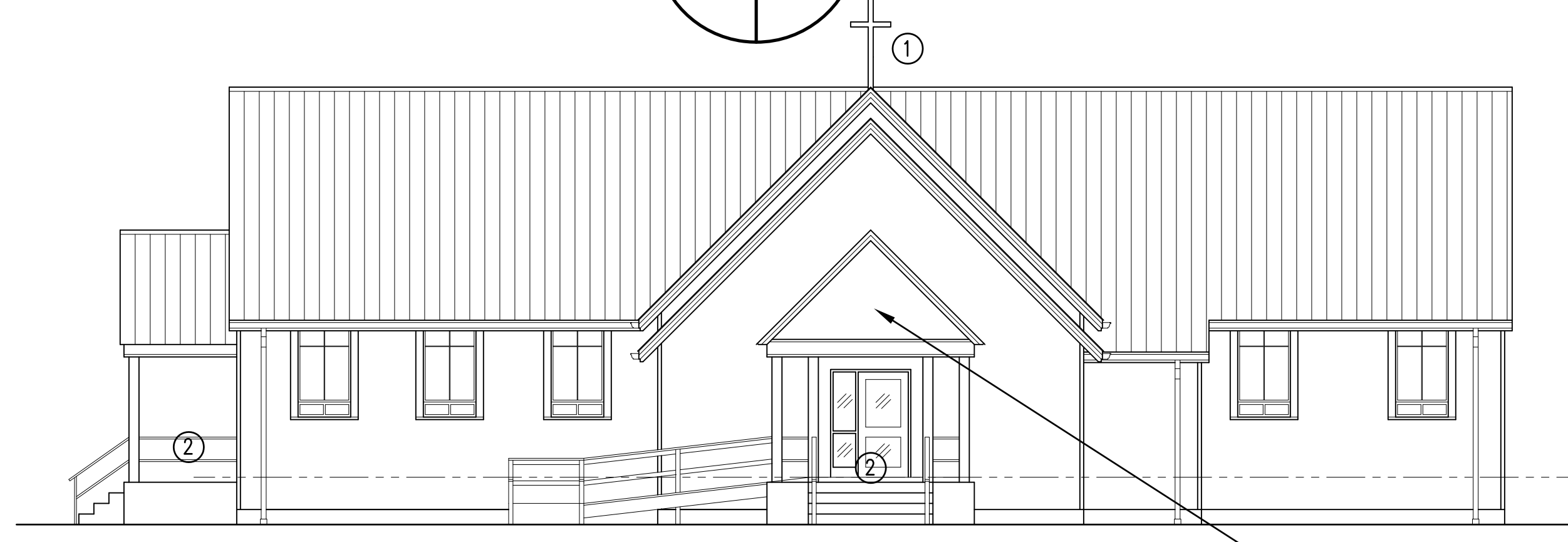
EXISTING ELEVATION 2  
1/8" = 1'-0"  
A1 | A5



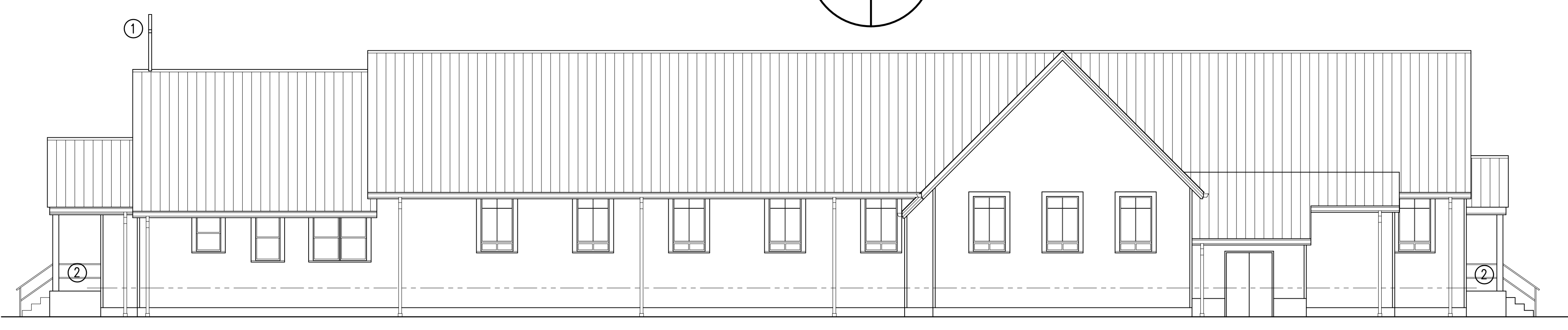
EXISTING ELEVATION 3  
1/8" = 1'-0"  
A1 | A5



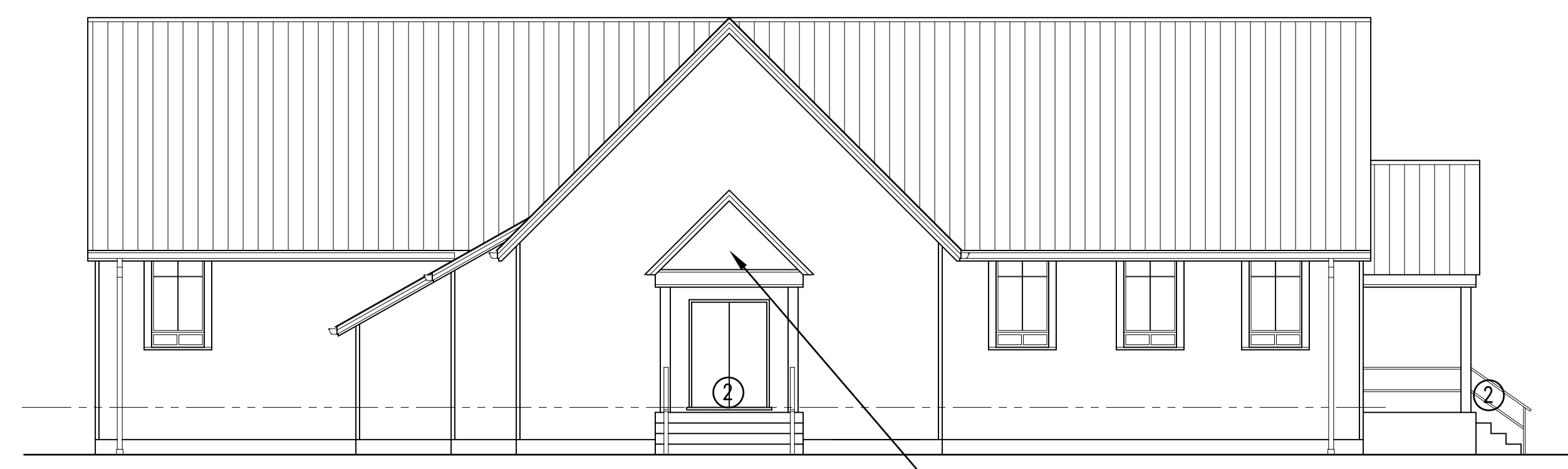
EXISTING ELEVATION 4  
1/8" = 1'-0"  
A1 | A5



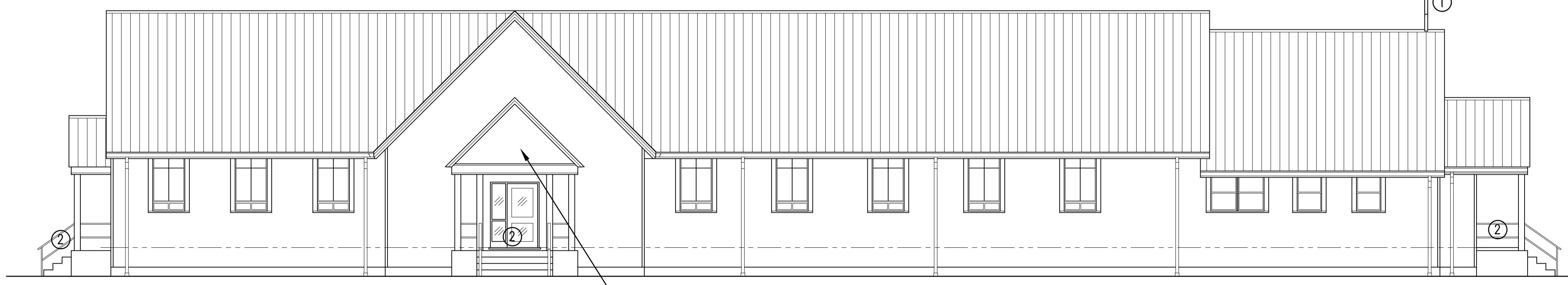
RENOVATED ELEVATION 1  
1/8" = 1'-0"  
A2 | A5



RENOVATED ELEVATION 2  
1/8" = 1'-0"  
A2 | A5



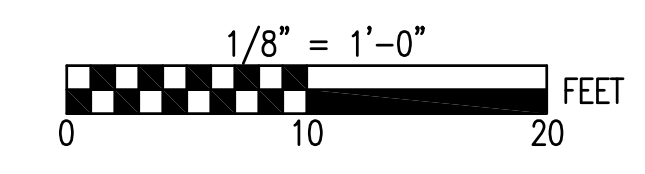
RENOVATED ELEVATION 3  
1/8" = 1'-0"  
A2 | A5



RENOVATED ELEVATION 4  
1/8" = 1'-0"  
A2 | A5

- GENERAL NOTES ON THIS SHEET:
- REMOVE WINDOWS FROM BUILDING AND PROVIDE NEW - SEE WINDOW DETAILS ON SHEET AX
  - REMOVE EXTERIOR DOORS AND FRAMES FROM BUILDING AND PROVIDE NEW - SEE DOOR SCHEDULES SHEET A3.
  - REMOVE ALL VINYL SIDING, RIGID INSULATION BACKER AND SOFFIT FROM THE BUILDING AND PROVIDE NEW - SEE DETAILS ON SHEET AX.
  - REMOVE ALL SHEET METAL CLADDING FROM THE BUILDING AND PROVIDE NEW - SEE DETAILS ON SHEET AX.
  - REMOVE SHINGLES, UNDERLAYMENT AND WOOD DECK (DOWN TO WOOD PURLINS) AND PROVIDE NEW WOOD DECK AND METAL ROOF SYSTEM - SEE DETAILS ON SHEET AX
  - REMOVE GUTTER AND DOWNSPOUTS FROM BUILDING AND PROVIDE NEW. DOWNSPOUTS SHALL RECONNECT TO EXISTING DRAINAGE PIPING.

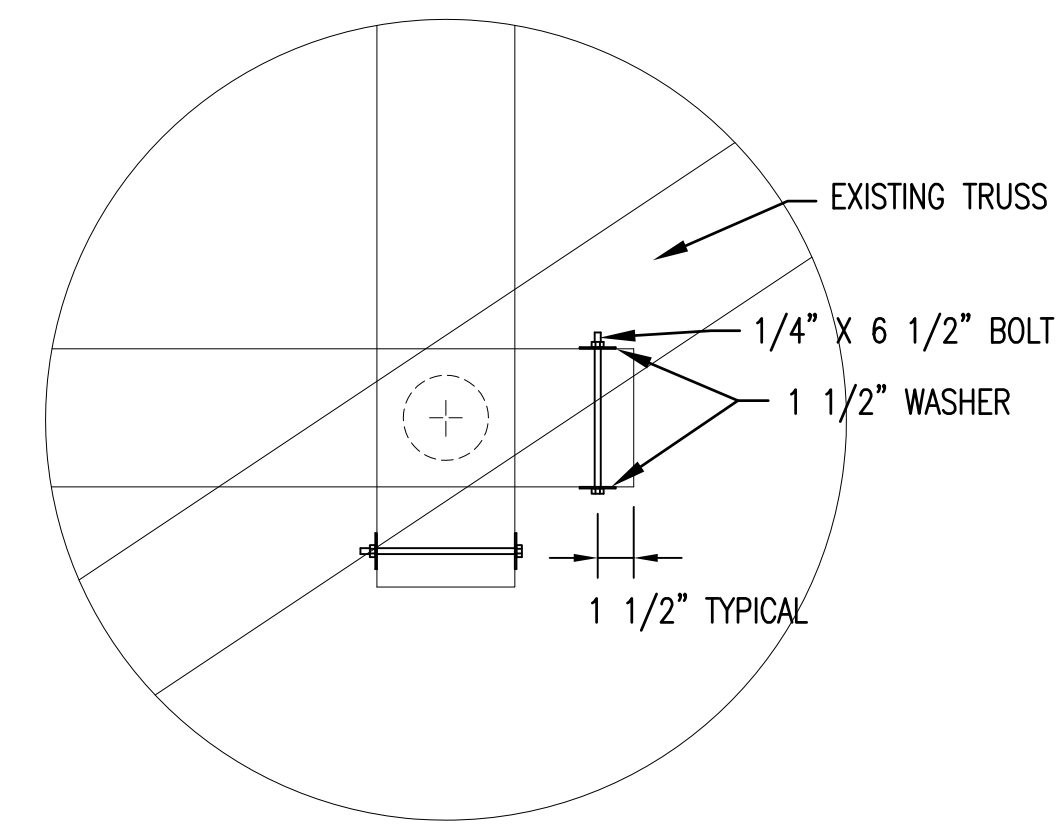
- NUMBERED NOTES ON THIS SHEET:
- REMOVE METAL CROSS FROM THE BUILDING. CLEAN AND REPAIR THE CROSS AND REINSTALL PER METAL ROOF MANUFACTURER'S RECOMMENDATIONS.
  - REMOVE PORCH WOOD FLOOR, STEPS, AND RAMP DECKING (STRUCTURE REMAINS). REMOVE WOOD HANDRAILS. PROVIDE NOMINAL 2X6 TREATED WOOD FLOOR, STEPS, AND RAMP DECKING. PROVIDE NOMINAL 2X4 TREATED WOOD HANDRAILS. NEW WOOD DECKING AND RAILING IS TO BE INSTALLED IN THE SAME CONFIGURATION AS EXISTING. CONTRACTOR SHALL ASSUME TO REPLACE 300 BOARD FEET OF NOMINAL 2X8 TREATED WOOD JOISTS AND RELATED FRAMING.



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: EXISTING CONDITIONS PLAN		<b>A-5</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
SUBMITTED BY: DESIGN DIR. APPROVED:		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
SATISFACTORY TO:		DATE:	SIZE: F CODE IDENT. NO.: 80091 CONST. CONTR. NO.: N40085-18-B-0086
SCALE: NOTED		DATE:	NAVFAC DRAWING NO.: 60024574 SHEET 12 OF 50

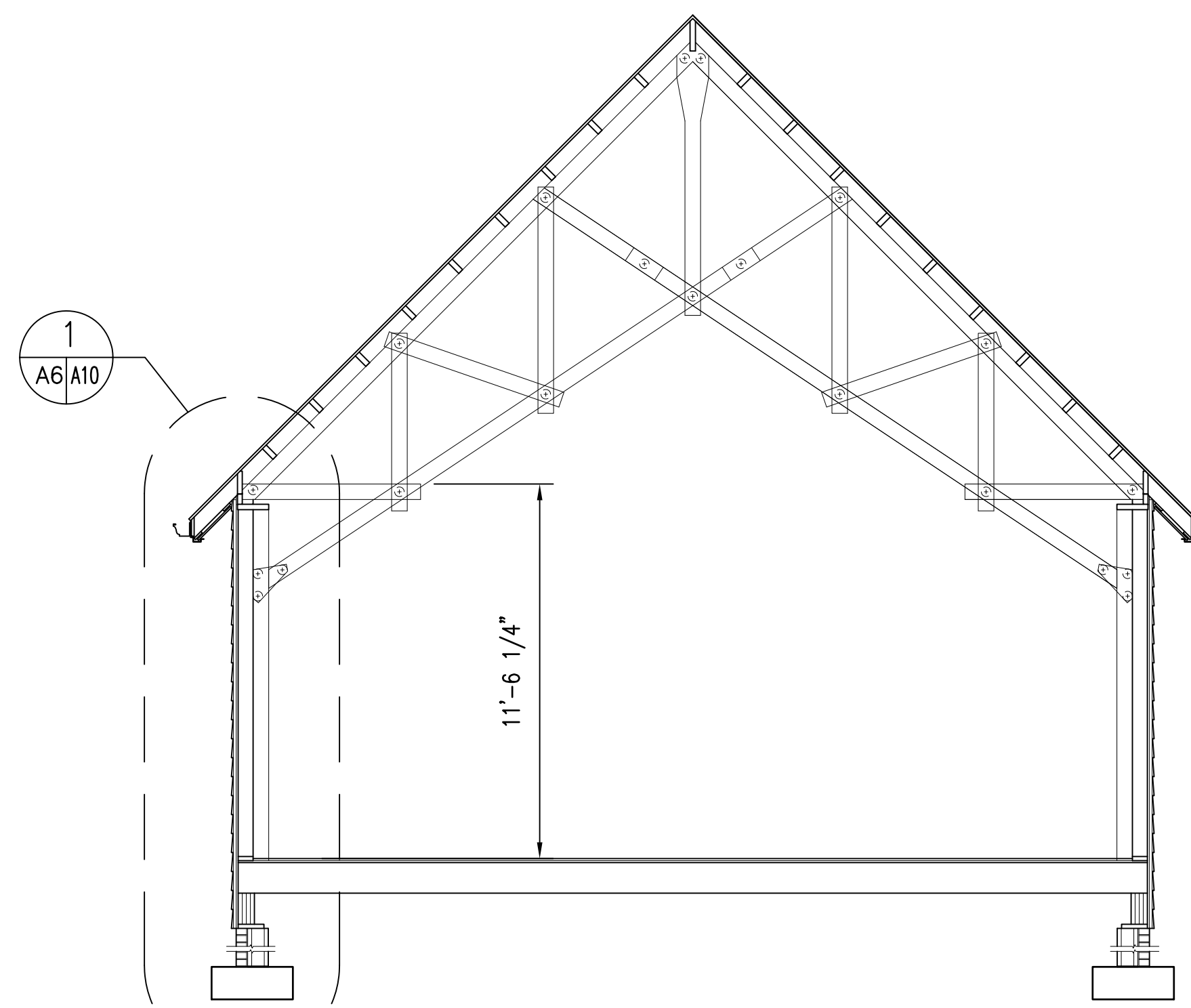
REVISIONS		
SYMBOL	DATE	APPROVED



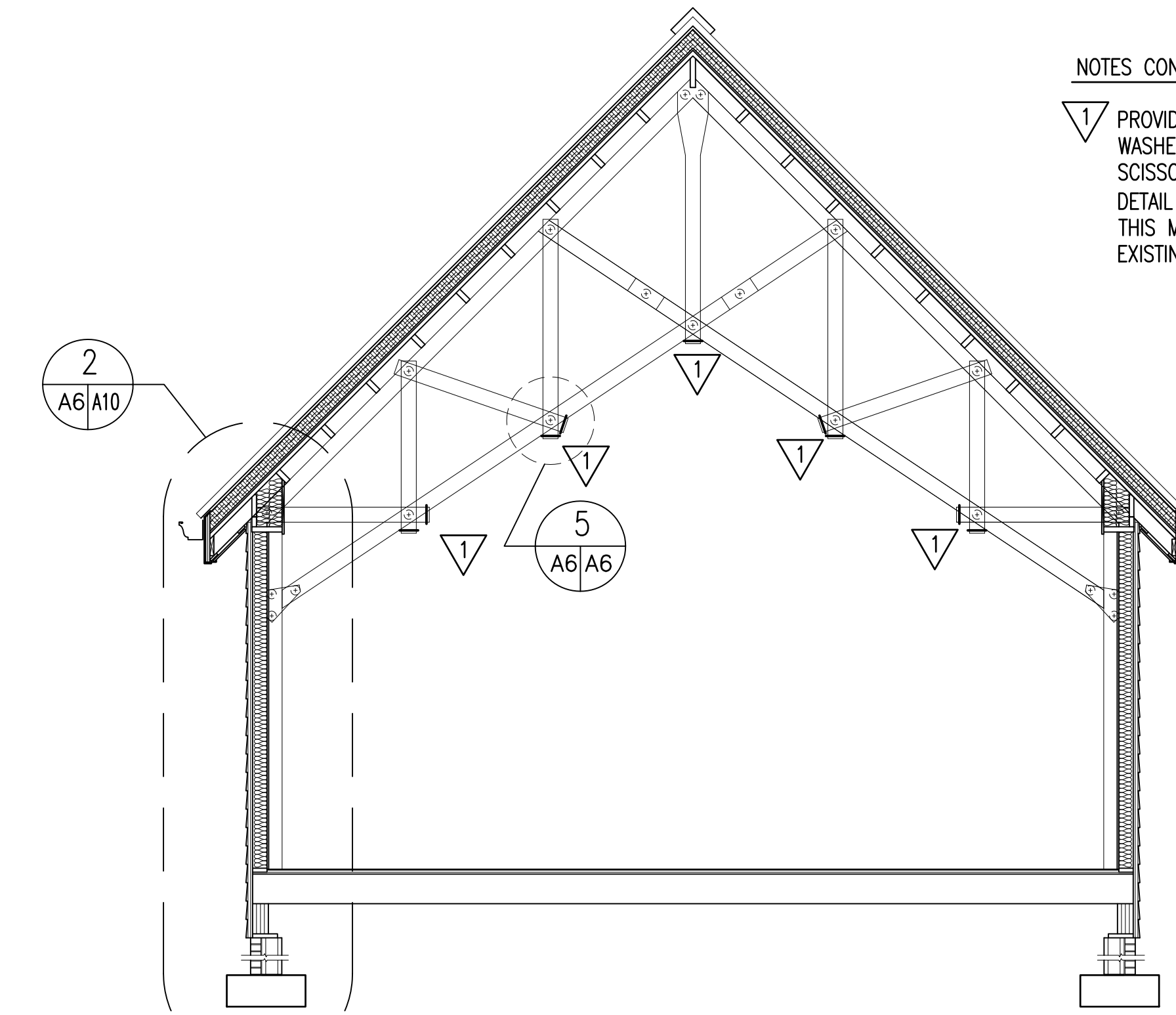
**DETAIL SECTION 5**  
1 1/2" = 1'-0" A6/A6

BOLTS ARE REQUIRED TO KEEP WOOD ENDS FROM SPLITTING AND SEPARATING. SOME LOCATIONS HAVE ALREADY BEEN REPAIRED AND WILL NOT REQUIRE A NEW BOLT.

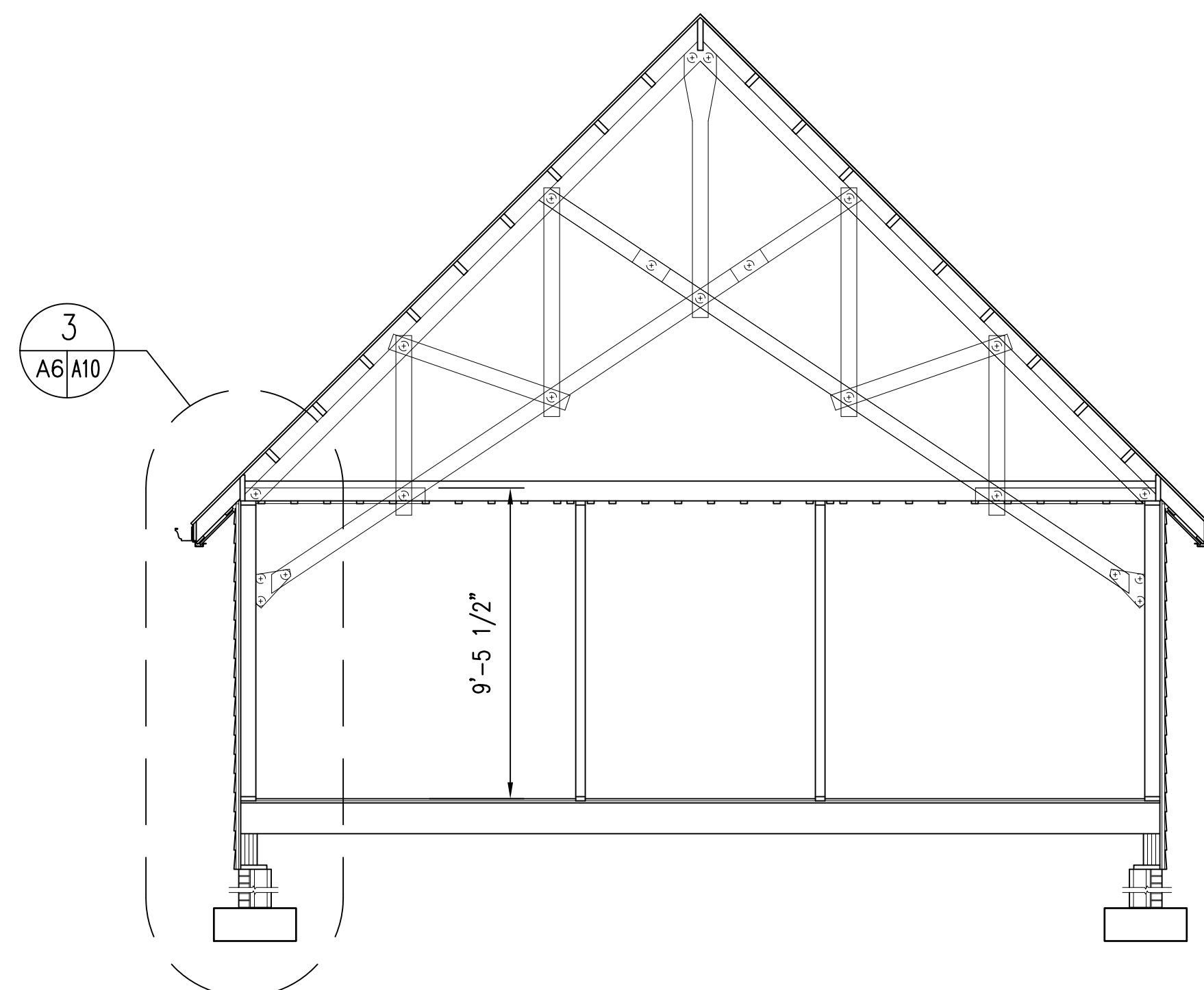
NOTES CONCERNING TRUSS REPAIR ON THIS SHEET:  
 ▽ PROVIDE 1/4" DIAMETER X 6 1/2" LONG BOLT WITH 1 1/2" WASHER ON EACH SIDE IN THE END OF EACH TRUSS MEMBER ON SCISSORS AND BOX TRUSSES. 220 TOTAL BOLTS REQUIRED. SEE DETAIL 5/A6/A6. SOME TRUSS MEMBERS HAVE BEEN REPAIRED IN THIS MANNER. A NEW BOLT WILL NOT BE REQUIRED IF A BOLT IS EXISTING.



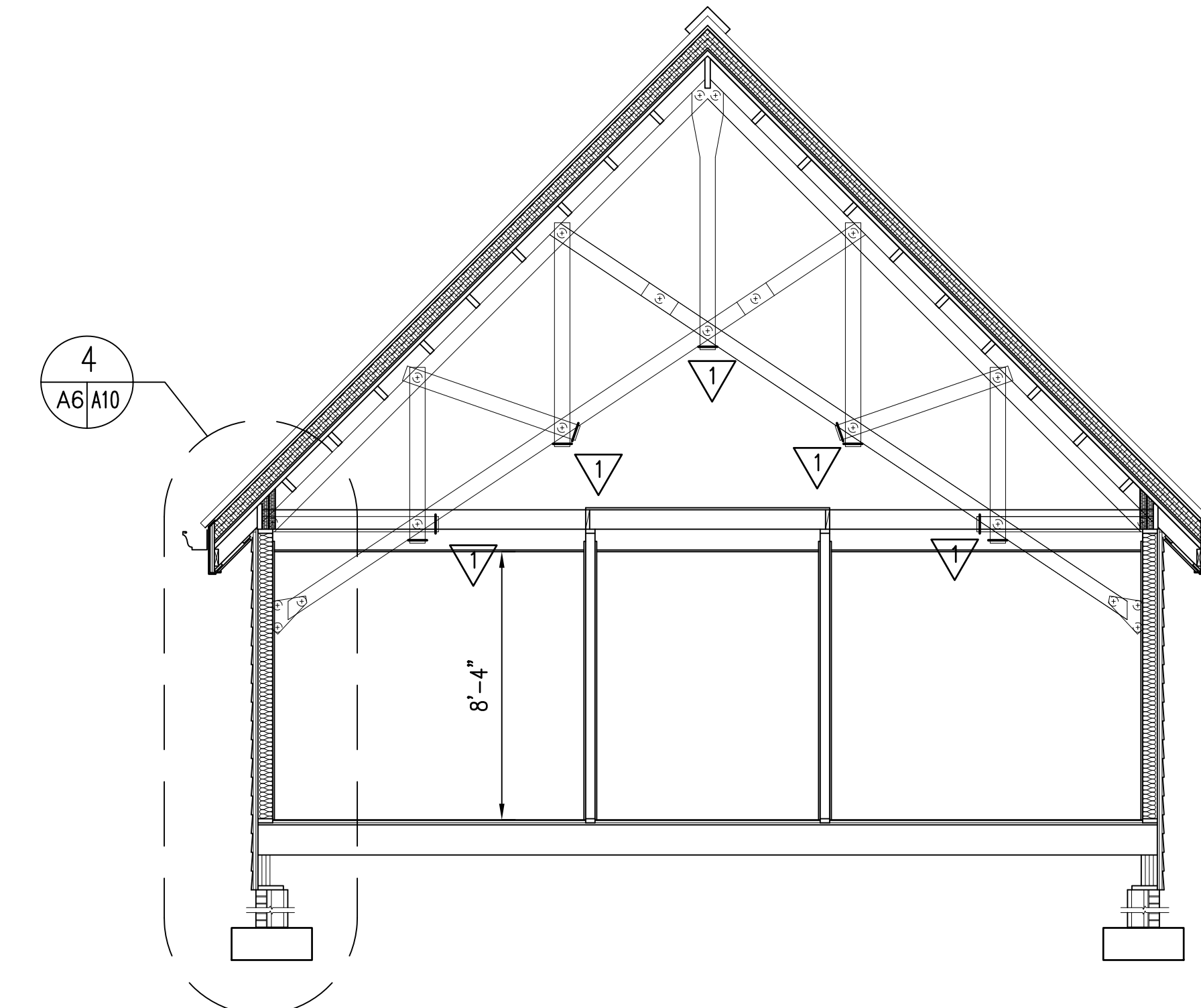
**EXISTING CONDITIONS BUILDING SECTION 1**  
1/4" = 1'-0" A1/A6 A8



**RENOVATED CONDITIONS BUILDING SECTION 2**  
1/4" = 1'-0" A2/A6 A7, A8



**EXISTING CONDITIONS BUILDING SECTION 3**  
1/4" = 1'-0" A1/A6 A8



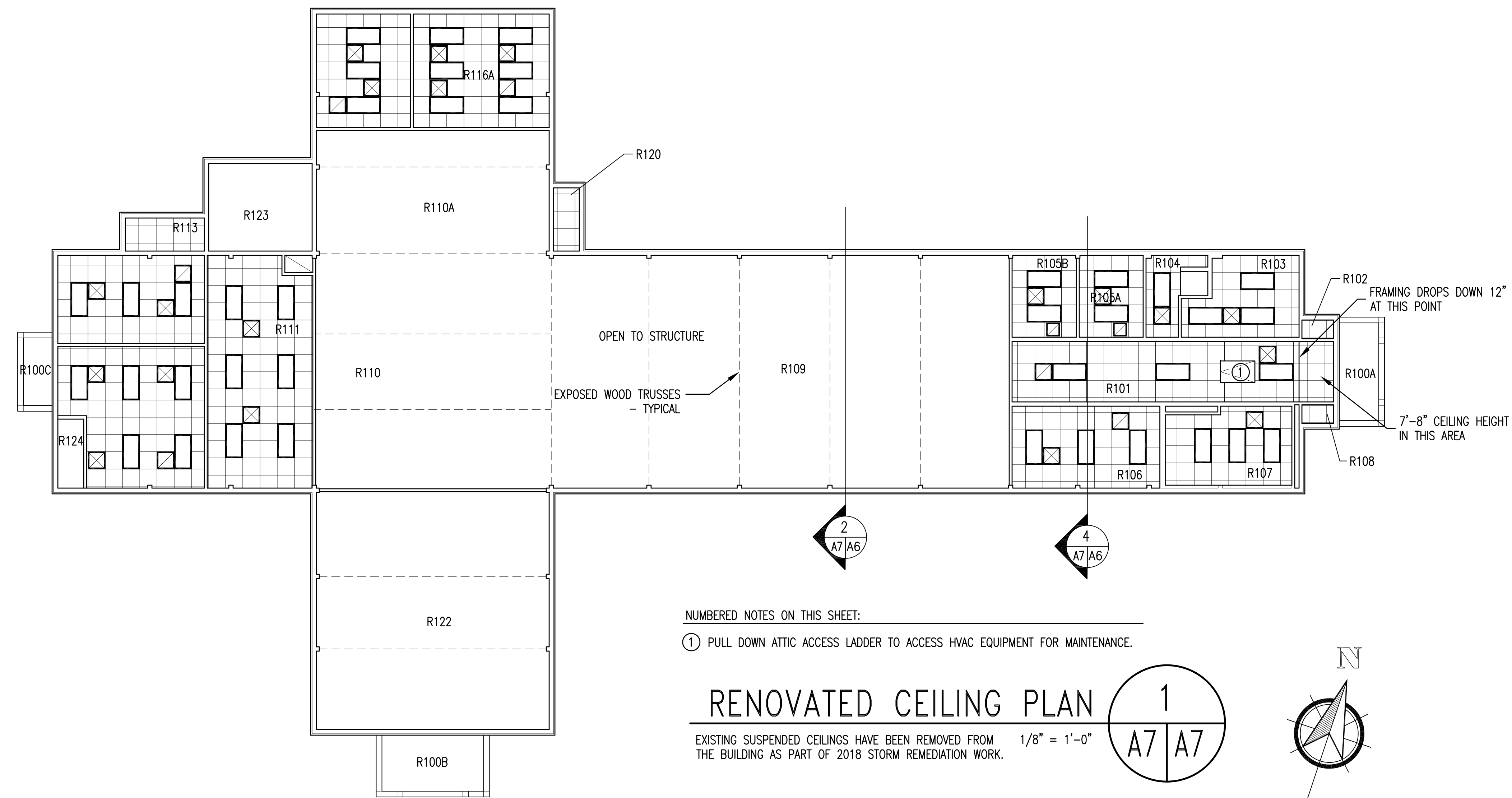
**RENOVATED CONDITIONS BUILDING SECTION 4**  
1/4" = 1'-0" A2/A6 A7, A8



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>BUILDING SECTIONS</b>		<b>A-6</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DES. Robert L. Smith III		<b>INTERIOR AND EXTERIOR REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA
	DR. Steven C. Fender		
CHK. Robert L. Smith III		DESIGN DIR.	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b> NAVFAC DRAWING NO.: <b>60024575</b>
SUBMITTED BY:		APPROVED:	CONST. CONTR. NO.: <b>N40085-18-B-0086</b> SHEET 13 OF 50
DESIGN DIR.		DATE:	SCALE: NOTED
SATISFACTORY TO:		DATE:	SPEC: 05-18-0086
06/24/2019			

REVISIONS		
SYMBOL	DATE	APPROVED



**RENOVATED CONDITIONS  
CEILING PLAN LEGEND**

- 2' x 2" LAY-IN TILE CEILING GRID
- CEMENT BOARD
- LIGHT FIXTURES SEE ELECT. DWGS.
- HVAC UNITS, SUPPLY AND EXHAUST GRILLES SEE MECH. DRAWINGS

**CEILING PLAN LEGEND**

THE CEILING PLANS ARE INTENDED TO SHOW MAJOR CEILING COMPONENTS FOR COORDINATION OF ALL TRADES. NOT ALL CEILING COMPONENTS ARE SHOWN NOR DO ALL THE COMPONENTS SHOWN ON THE LEGEND NECESSARILY OCCUR ON THIS PROJECT. SEE ALL DRAWINGS FOR COMPONENTS THAT OCCUR ON THE CEILINGS.

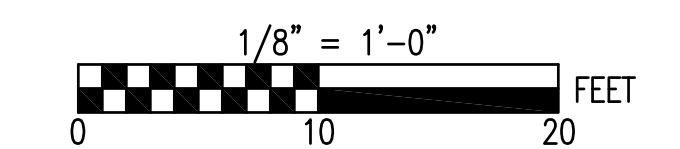
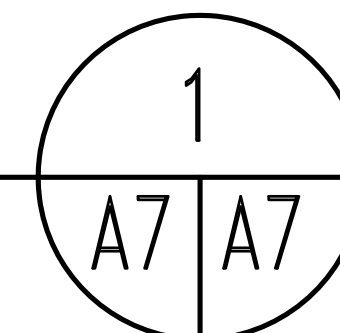
**NUMBERED NOTES ON THIS SHEET:**

- ① PULL DOWN ATTIC ACCESS LADDER TO ACCESS HVAC EQUIPMENT FOR MAINTENANCE.

**RENOVATED CEILING PLAN**

EXISTING SUSPENDED CEILINGS HAVE BEEN REMOVED FROM THE BUILDING AS PART OF 2018 STORM REMEDIATION WORK.

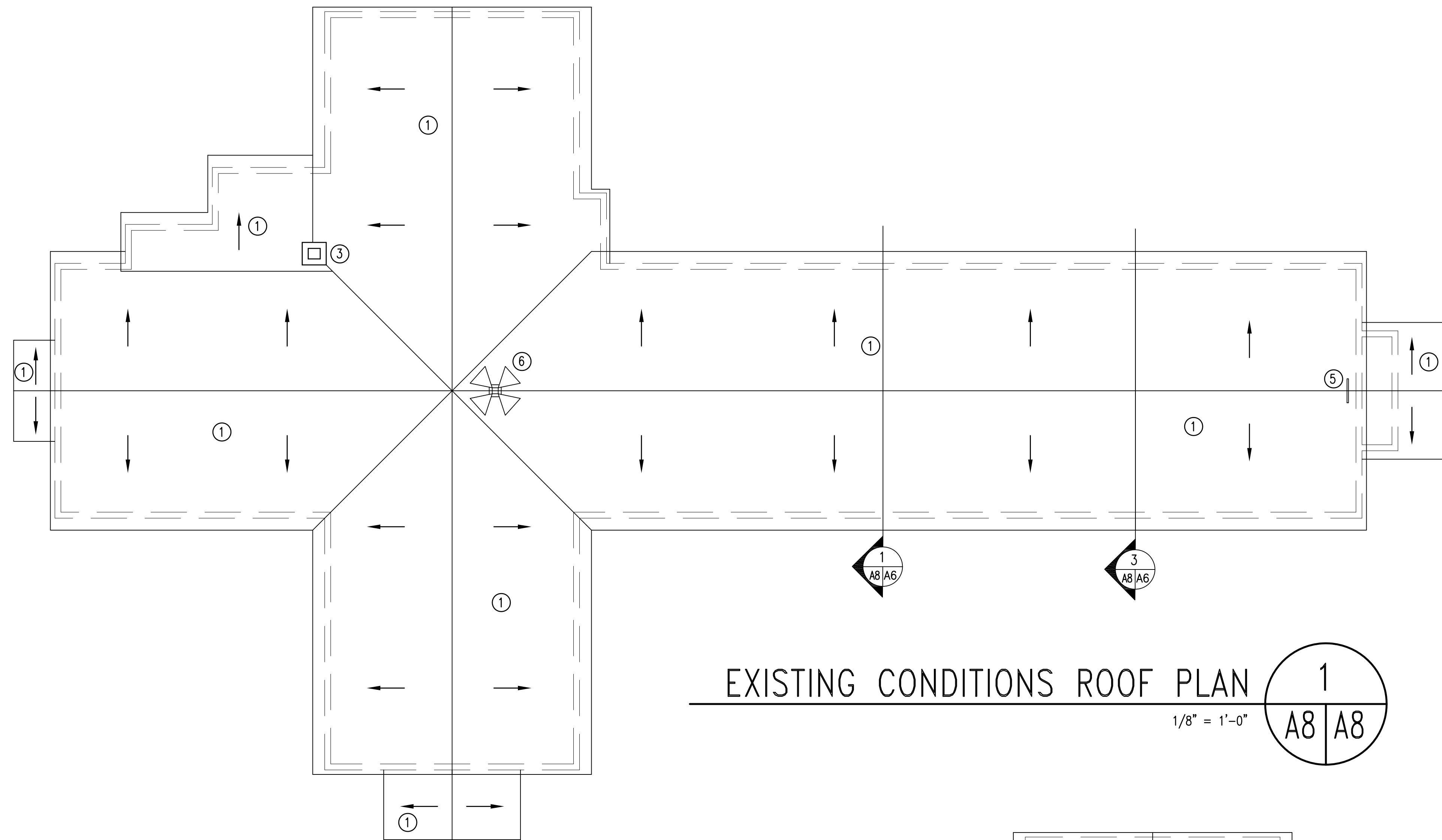
1/8" = 1'-0"



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

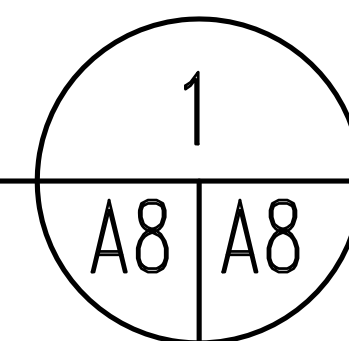
	SHEET TITLE: <b>CEILING PLAN</b>		<b>A-7</b>
	<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		<b>INTERIOR AND EXTERIOR REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA
	SUBMITTED BY: DESIGN DIR. APPROVED:		
SATISFACTORY TO:		DATE:	SCALE: NOTED SPEC: 05-18-0086 SHEET 14 OF 50

REVISIONS		
SYMBOL	DATE	APPROVED



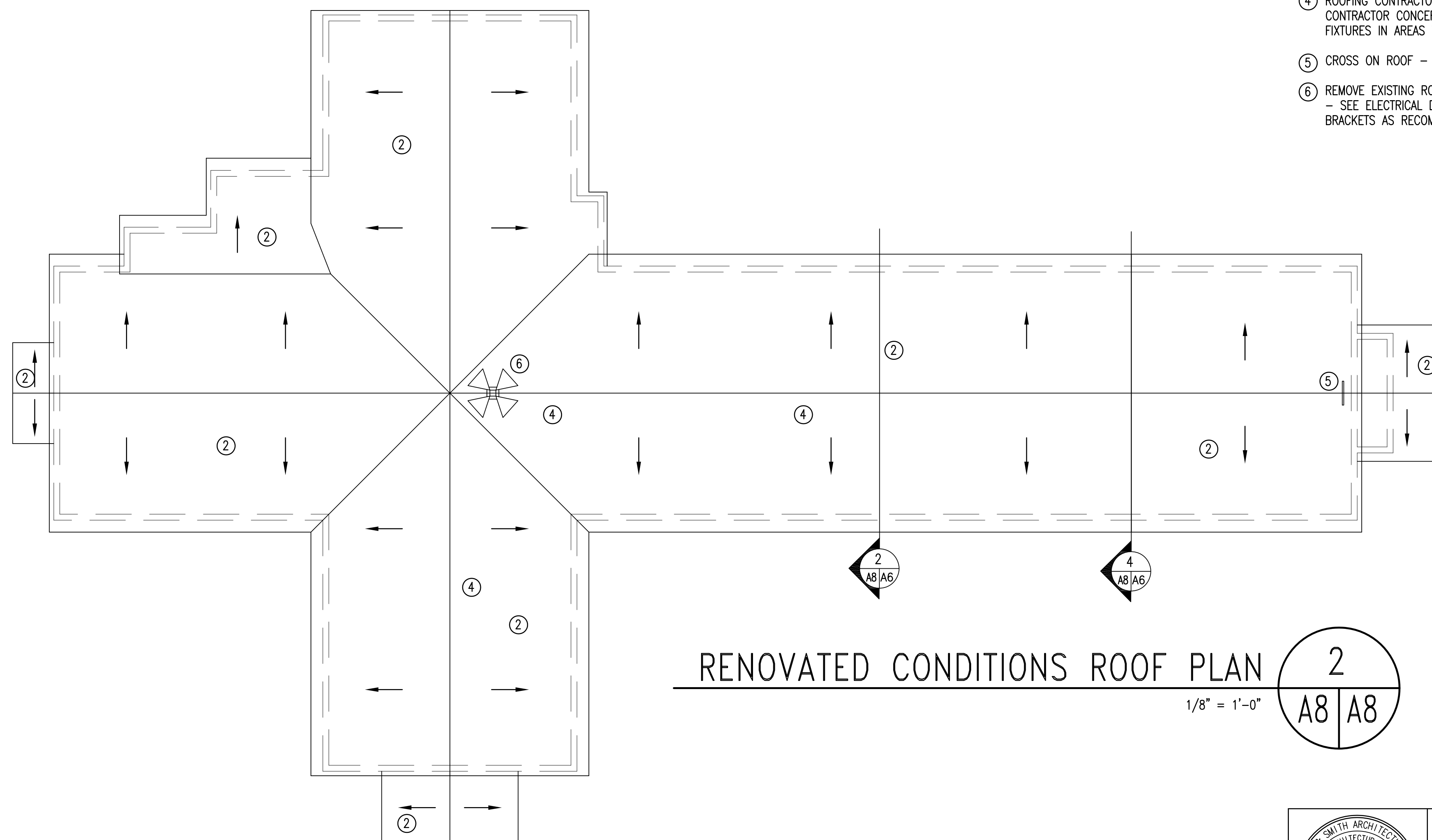
EXISTING CONDITIONS ROOF PLAN

1/8" = 1'-0"



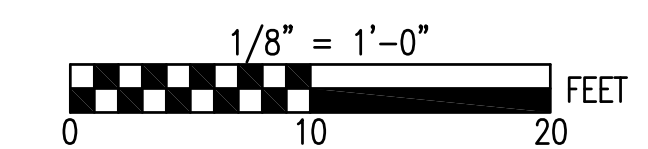
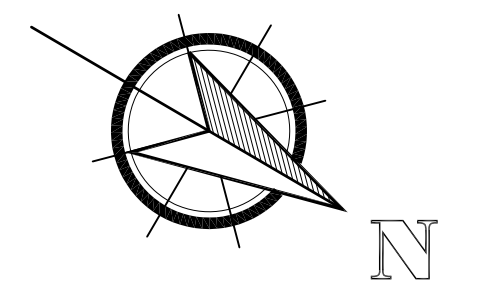
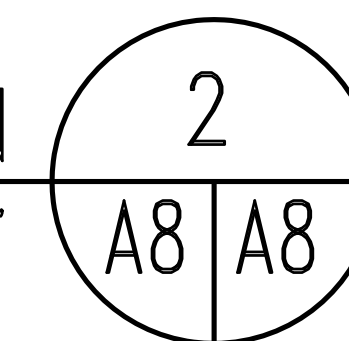
NUMBERED NOTES ON THIS SHEET:

- ① REMOVE EXISTING SHINGLE ROOF AND WOOD DECK DOWN TO THE TOP OF THE WOOD STRUCTURE.
- ② PROVIDE NEW STANDING SEAM METAL ROOF SYSTEM OVER T&G WOOD DECK WITH PLYWOOD ATTACHMENT SURFACE.
- ③ REMOVE BRICK CHIMNEY.
- ④ ROOFING CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR CONCERNING CONDUIT PLACEMENT FOR THE LIGHT FIXTURES IN AREAS WITH EXPOSED ROOF DECK CEILINGS.
- ⑤ CROSS ON ROOF - SEE BUILDING ELEVATIONS.
- ⑥ REMOVE EXISTING ROOF MOUNTED SPEAKER ARRAY AND PROVIDE NEW - SEE ELECTRICAL DRAWINGS. PROVIDE MOUNTING SYSTEM BRACKETS AS RECOMMENDED BY METAL ROOFING MANUFACTURER.



RENOVATED CONDITIONS ROOF PLAN

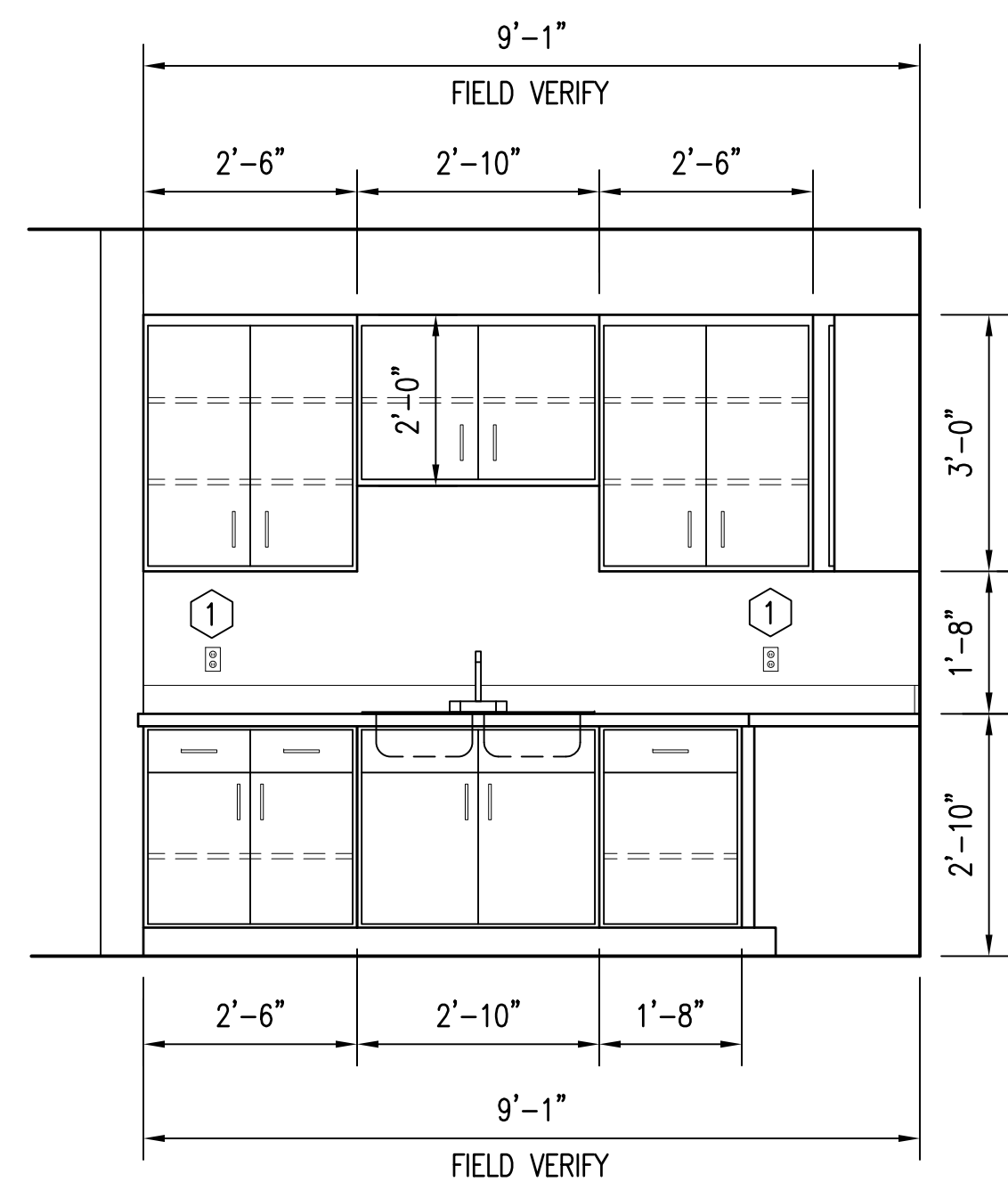
1/8" = 1'-0"



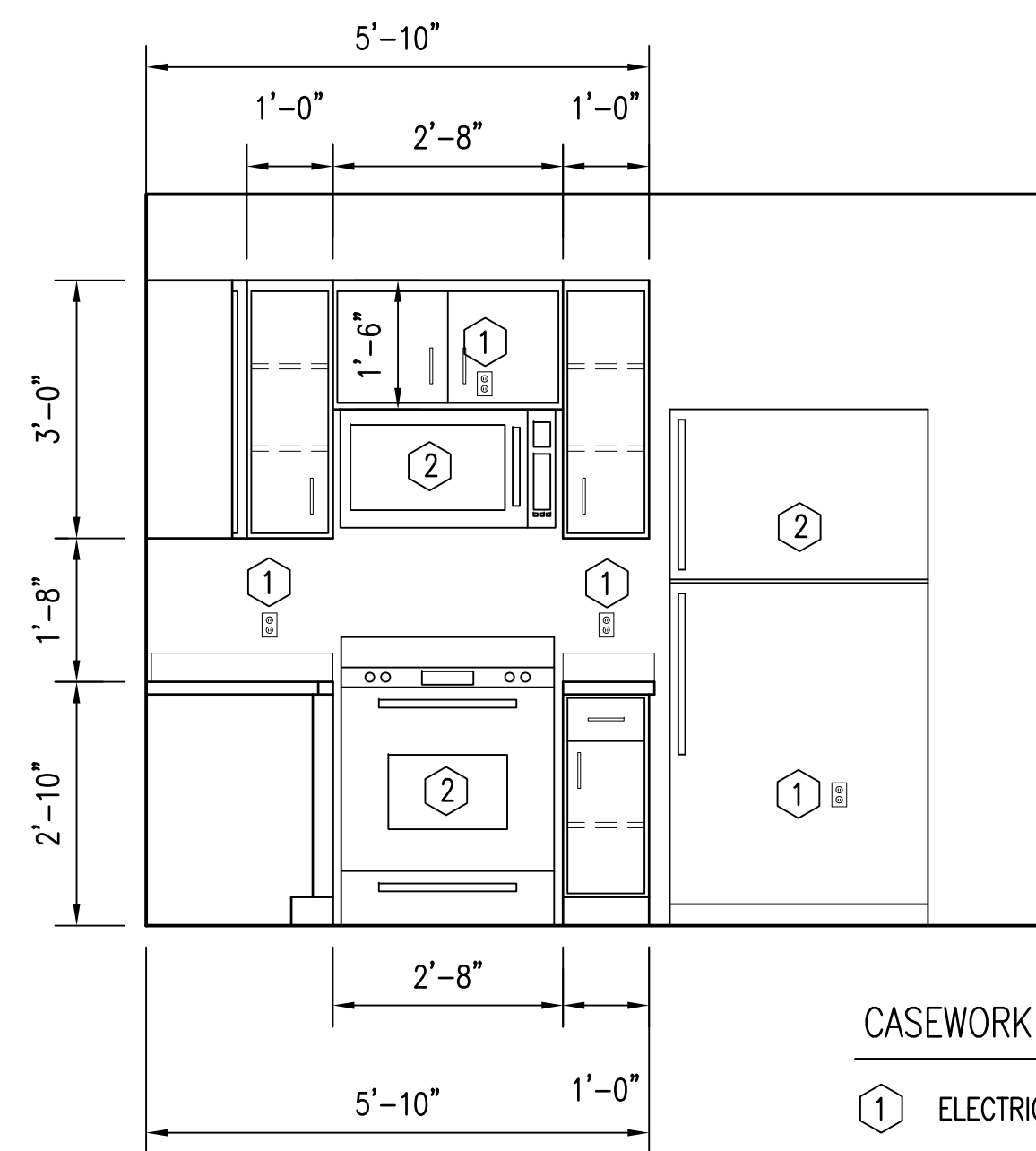
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE:		ROOF PLANS		<b>A-8</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 SHELBY, N.C.		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA		NAVFAC DRAWING NO. <b>60024577</b>	
SUBMITTED BY: DESIGN DIR. APPROVED:		DATE	SIZE	CODE IDENT. NO.	CONST. CONTR. NO.
SATISFACTORY TO:		DATE	F	80091	N40085-18-B-0086
06/24/2019		SCALE:	NOTED	SPEC:	05-18-0086
				SHEET 15 OF 50	

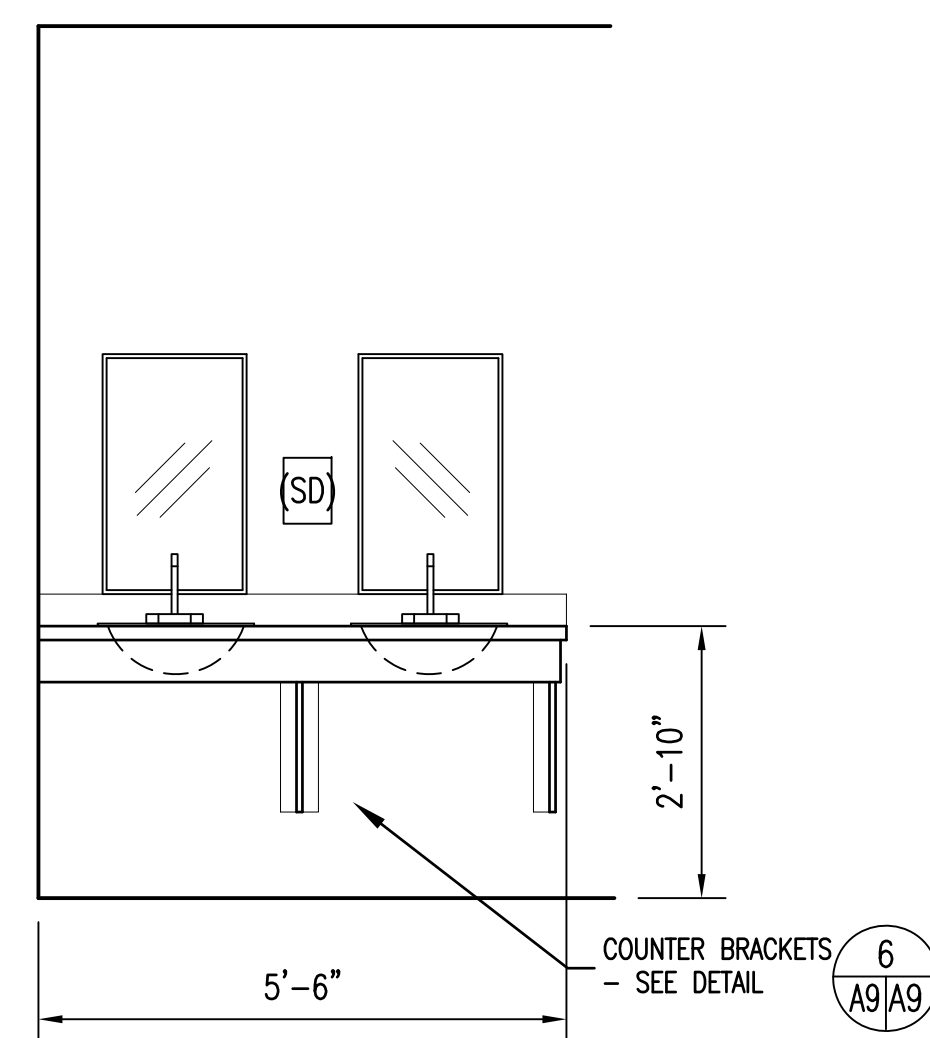
REVISIONS		
SYL	DATE	APPROVED



**ELEVATION 3**  
1/2" = 1'-0"  
A2/A9



**ELEVATION 4**  
1/2" = 1'-0"  
A2/A9

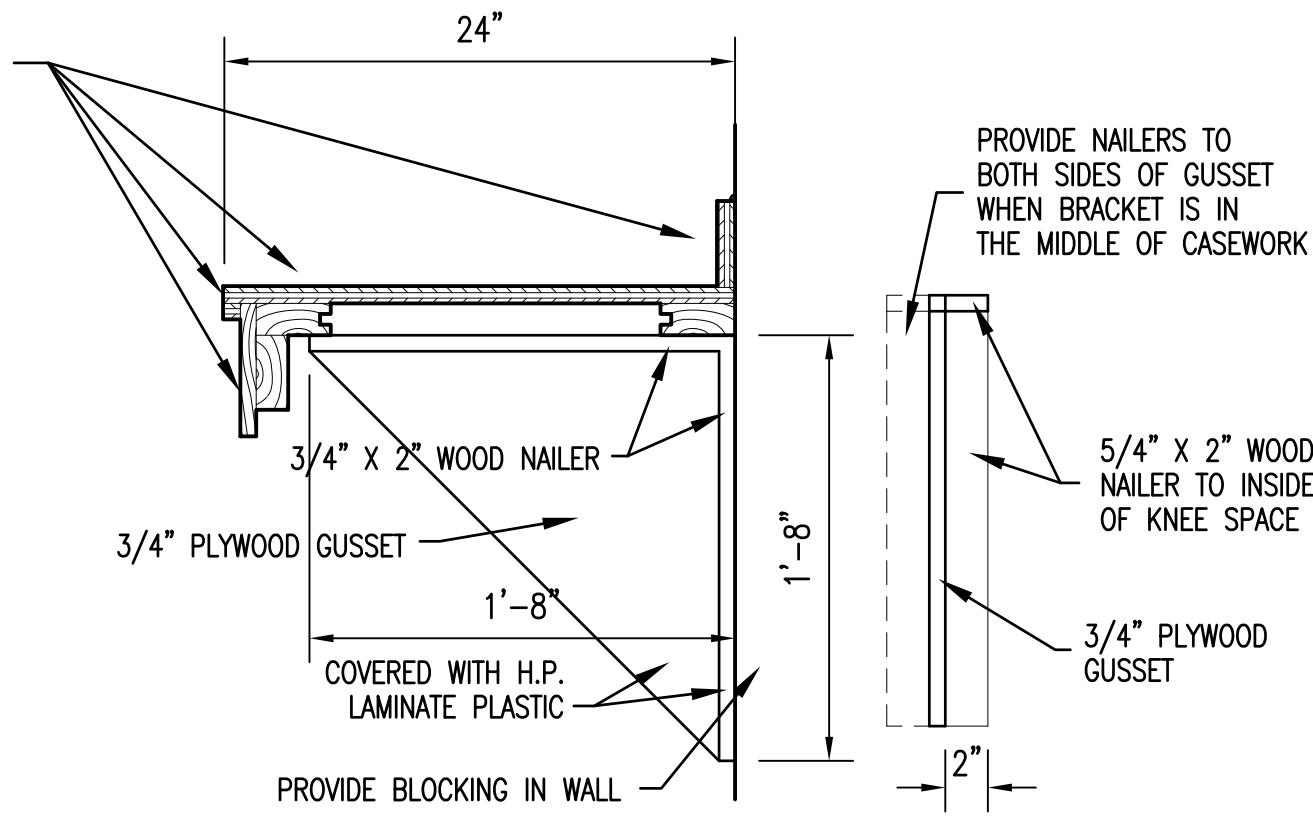


**ELEVATION 5**  
1/2" = 1'-0"  
A2/A9

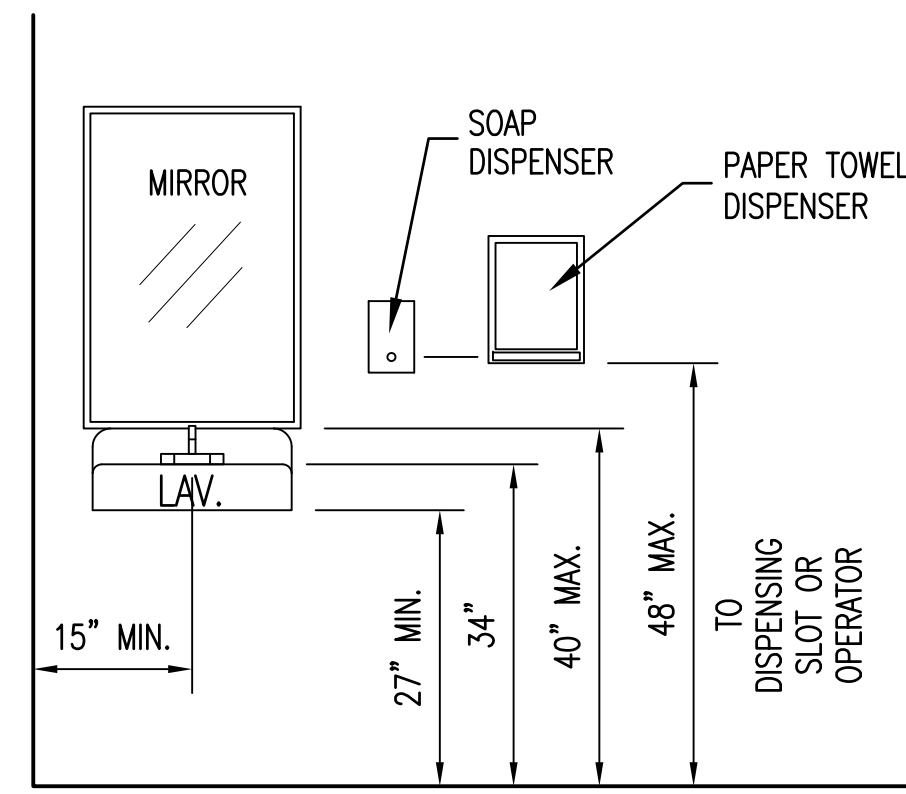
**CASEWORK NOTES:**

- ① ELECTRIC RECEPTACLE
- ② APPLIANCES BY GOVERNMENT

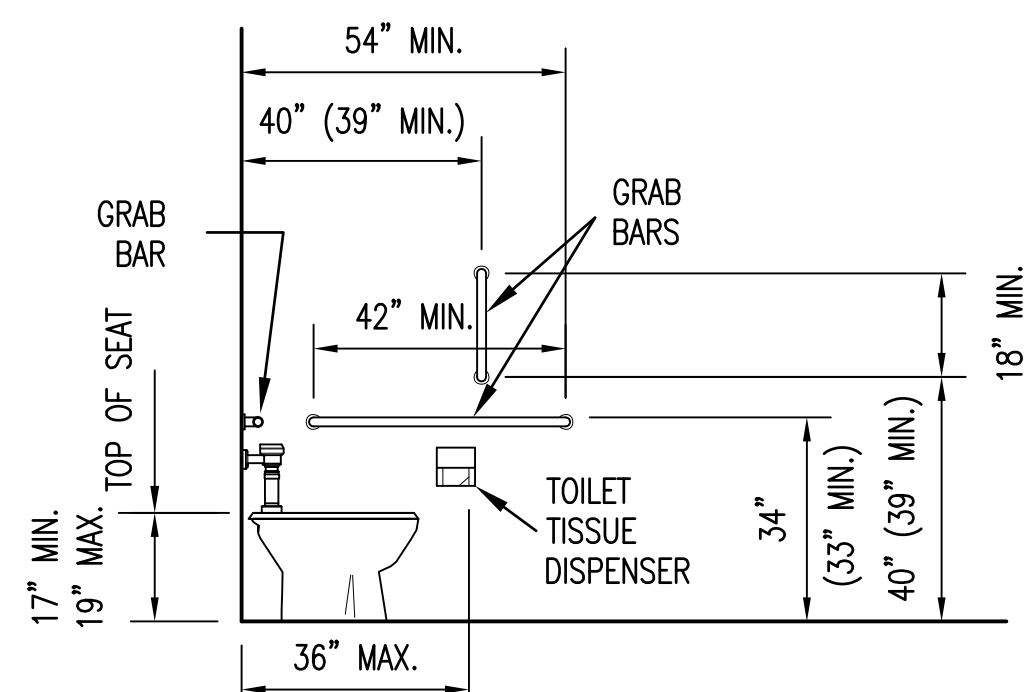
COVER EXPOSED SURFACES WITH HP LAMINATE PLASTIC - TYPICAL



**WOOD BRACKET DETAIL 6**  
NOT TO SCALE  
A9/A9



VERIFY LOCATION OF ITEMS ON PLAN  
**DETAIL @ H/C LAVATORY**



TYPICAL FOR HANDICAPPED STALLS  
**H/C TOILET DETAIL**

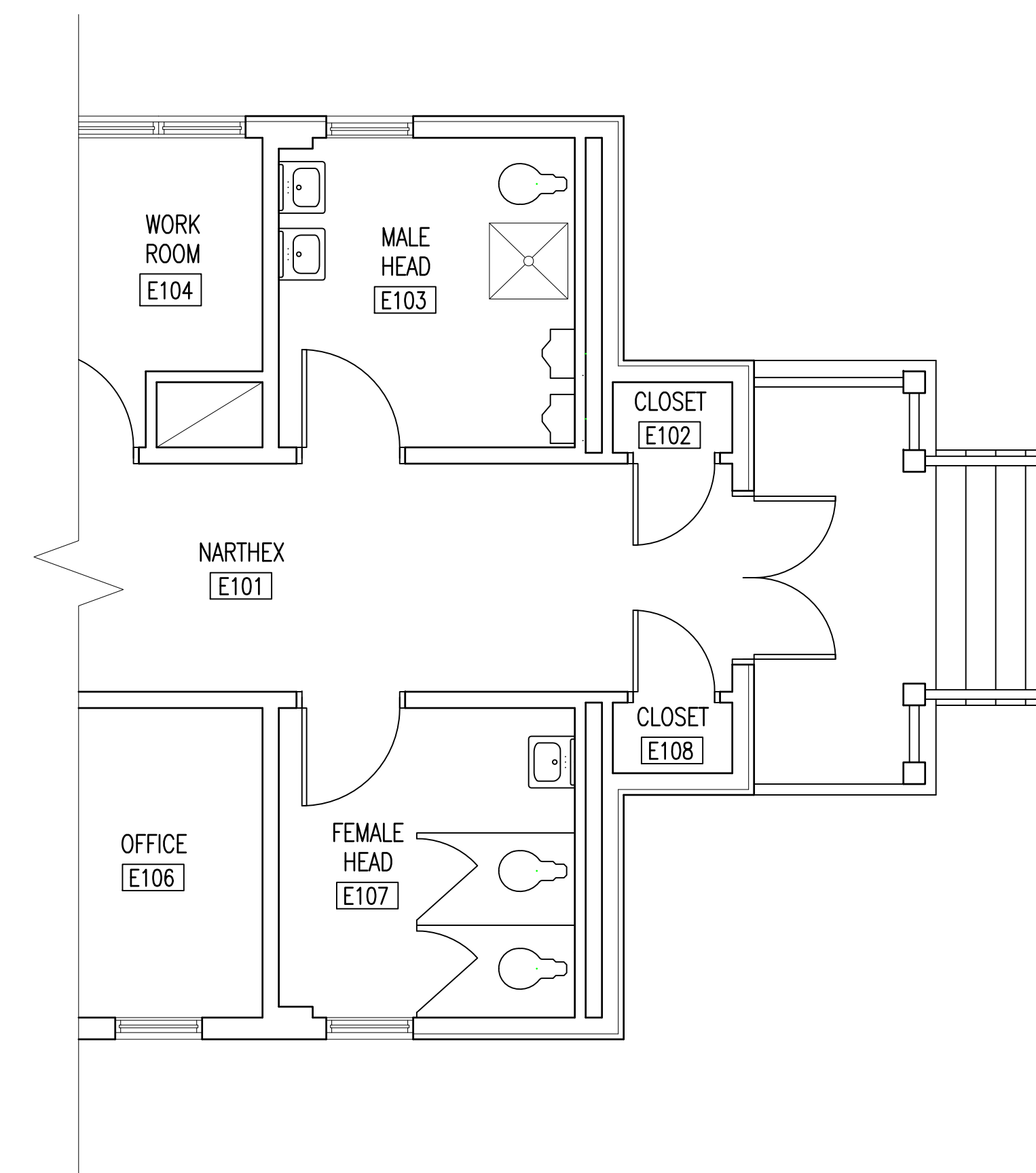
**TOILET ACCESSORY MOUNTING HEIGHTS**

NOT TO SCALE

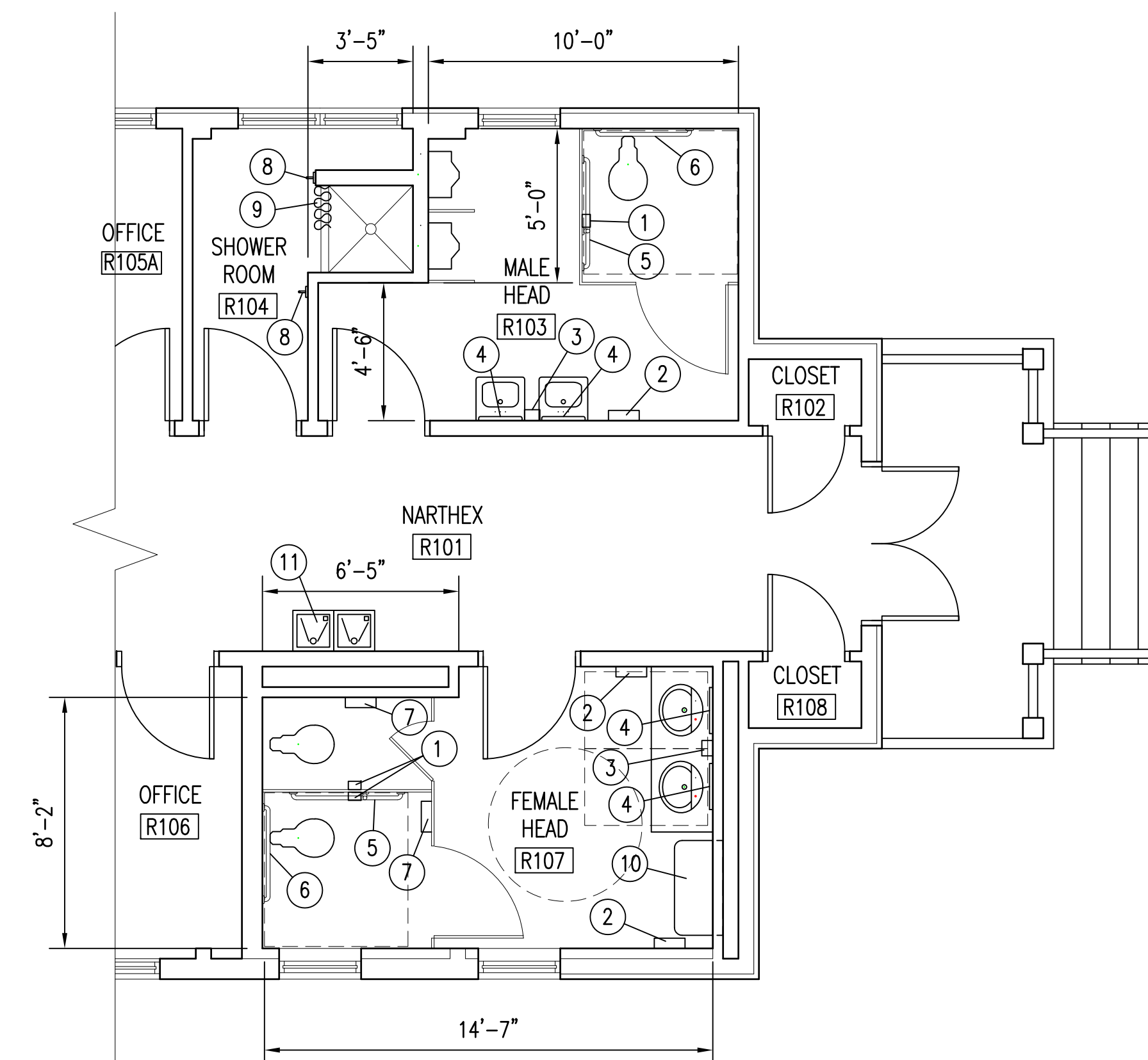
**TOILET ACCESSORIES:**

- ① TOILET PAPER DISPENSER
- ② PAPER TOWEL DISPENSER
- ③ SOAP DISPENSER
- ④ 24" x 36" MIRROR
- ⑤ 42" & 18" GRAB BARS
- ⑥ 36" GRAB BAR
- ⑦ SANITARY NAPKIN DISPOSER
- ⑧ TOWEL HOOK
- ⑨ SHOWER CURTAIN AND ROD
- ⑩ SIMI-RECESSED BABY CHANGING TABLE
- ⑪ HI/LOW EWC WITH BOTTLE FILLER

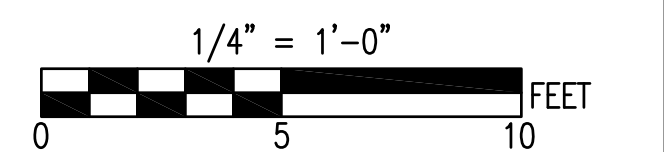
TOILET ACCESSORIES SHOWN ON DRAWINGS ARE TO INDICATE LOCATIONS AND ITEMS REQUIRED. SIZES OF TOILET ACCESSORIES SHOWN MAY OR MAY NOT MATCH ITEMS SPECIFIED TO BE PROVIDED.



NOTE: REMOVE EXISTING PLUMBING FIXTURES AND PROVIDE NEW - SEE PLUMBING DRAWINGS.  
**EXISTING ENLARGED TOILET PLAN 1**  
1/4" = 1'-0"  
A1/A9



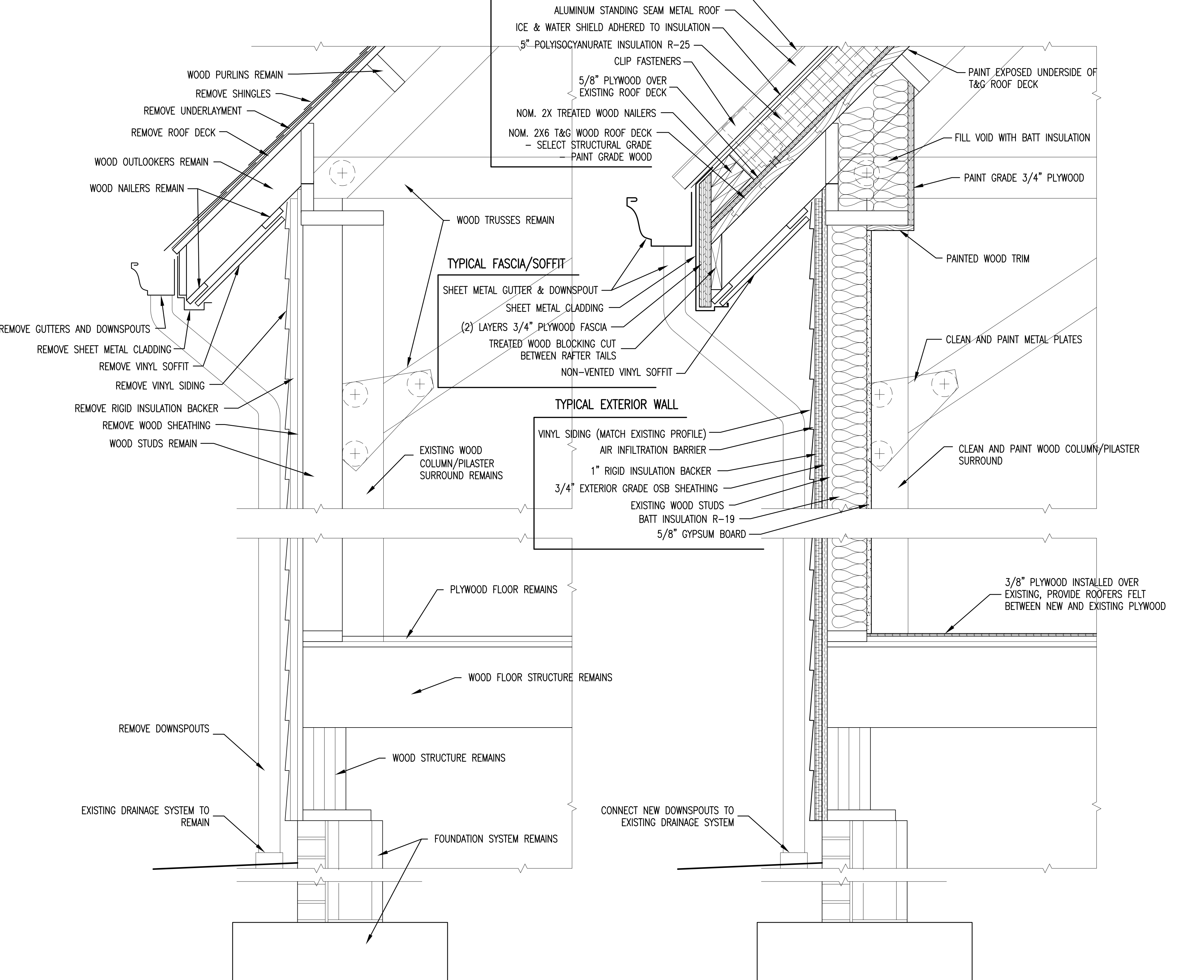
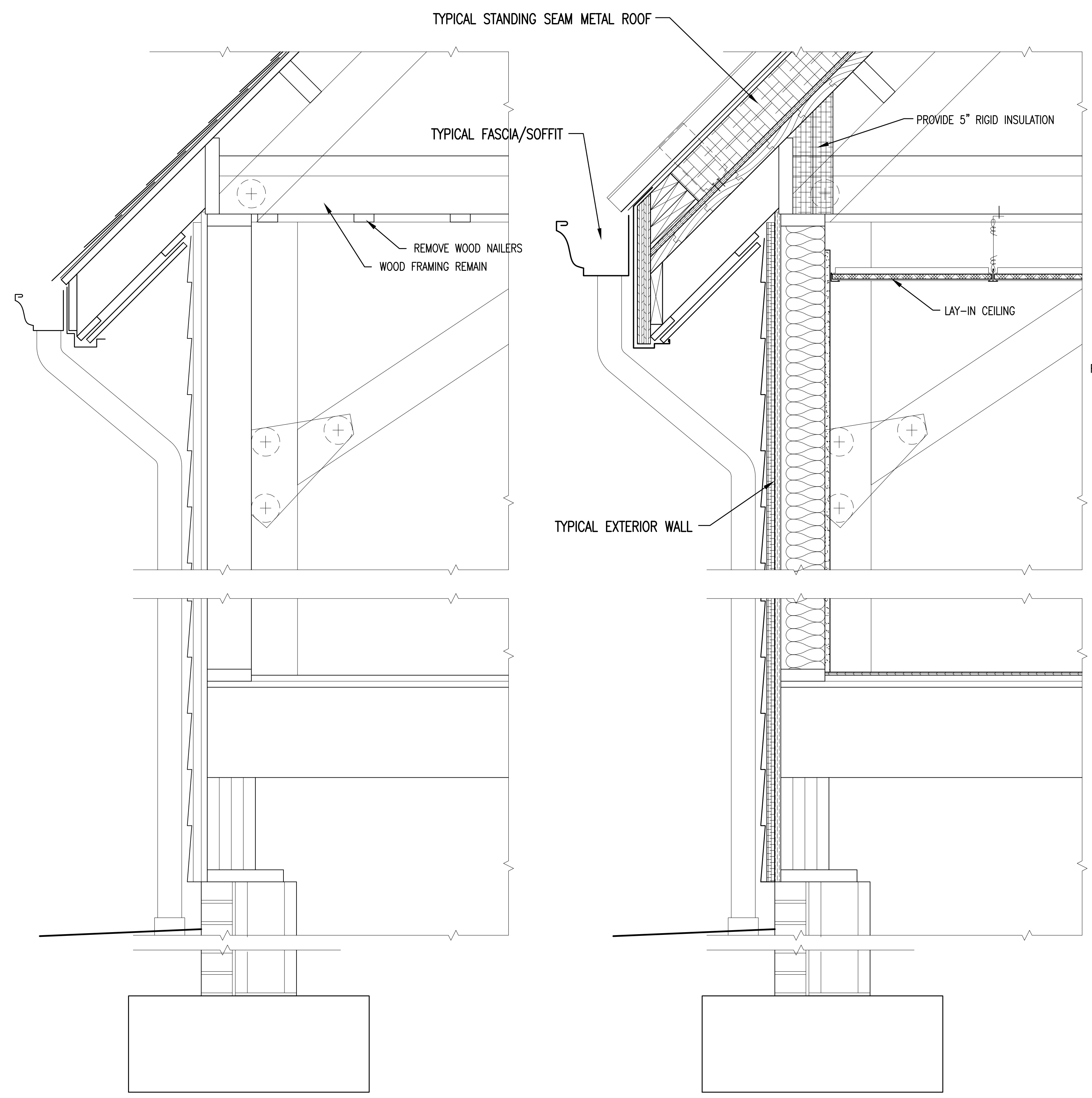
**RENOVATED ENLARGED TOILET PLAN 2**  
1/4" = 1'-0"  
A2/A9



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>ENLARGED TOILET PLANS</b>		<b>A-9</b>
	<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
DES. Robert L. Smith III		INTEGRITY AND EXCELLENCE	
DR. Steven C. Fender		REPAIRS BLDG. M116	
CHK. Robert L. Smith III		CAMP LEJEUNE, NORTH CAROLINA	
SUBMITTED BY:		DATE	SIZE
DESIGN DIR.		8/24/2019	F
APPROVED:		CODE IDENT. NO.	NAVFAC DRAWING NO.
SATISFACTORY TO:		80091	60024578
DATE		CONST. CONTR. NO.	SHEET 16 OF 50
SCALE: NOTED		SPEC: 05-18-0086	

REVISIONS		
SYL.	DATE	APPROVED

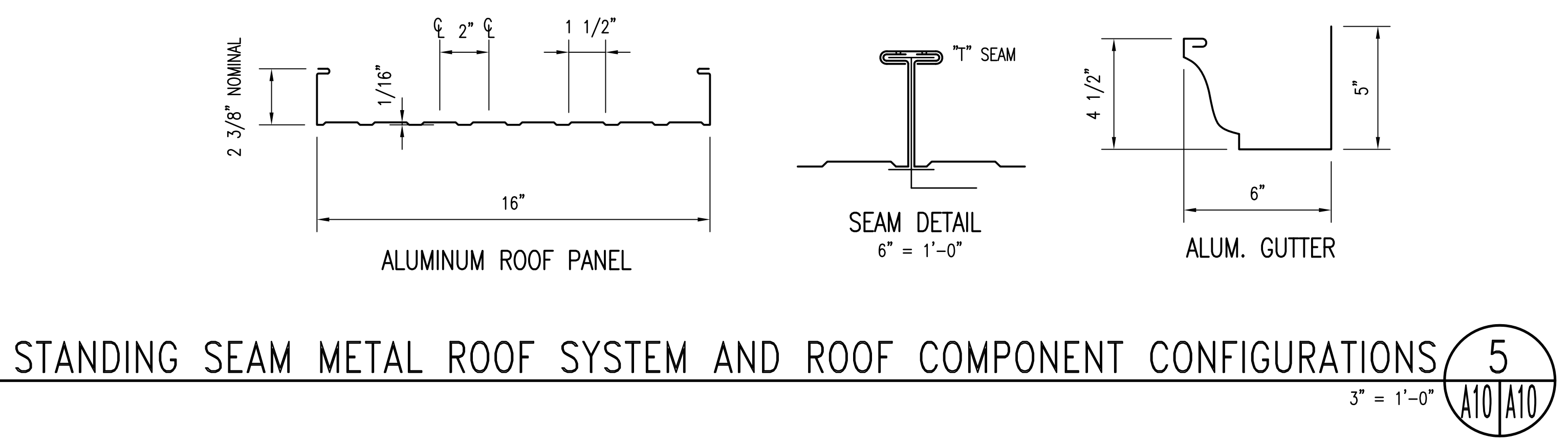


NOTES SAME AS DETAIL 1/A6/A10 UNLESS SHOWN OR INDICATED OTHERWISE  
**EXISTING WALL SECTION 3**  
 1 1/2" = 1'-0" A6/A10

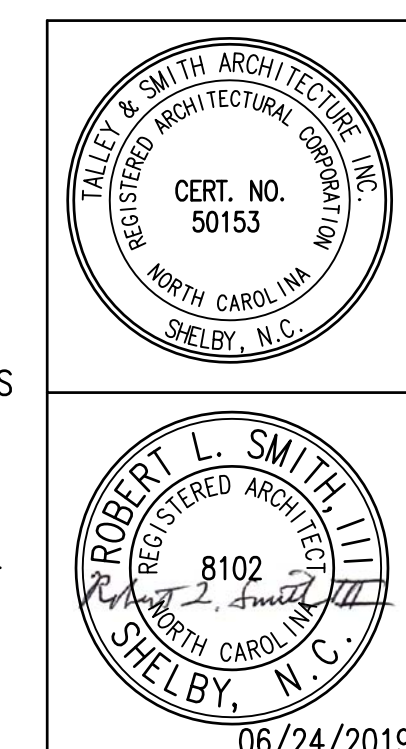
NOTES SAME AS DETAIL 2/A6/A10 UNLESS SHOWN OR INDICATED OTHERWISE  
**RENOVATED WALL SECTION 4**  
 1 1/2" = 1'-0" A6/A10

**EXISTING WALL SECTION 1**  
 1 1/2" = 1'-0" A6/A10

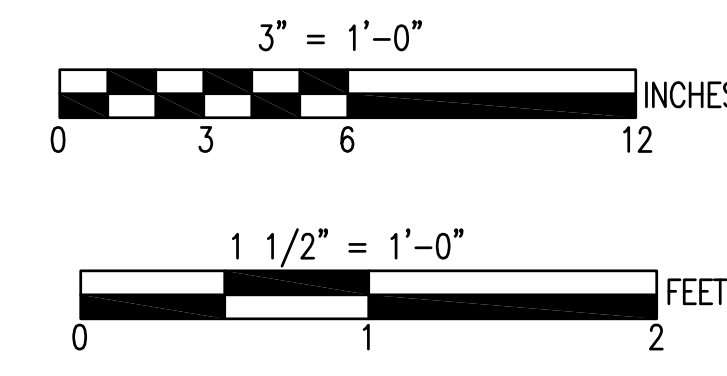
**RENOVATED WALL SECTION 2**  
 1 1/2" = 1'-0" A6/A10



**STANDING SEAM METAL ROOF SYSTEM AND ROOF COMPONENT CONFIGURATIONS 5**  
 3" = 1'-0" A10/A10



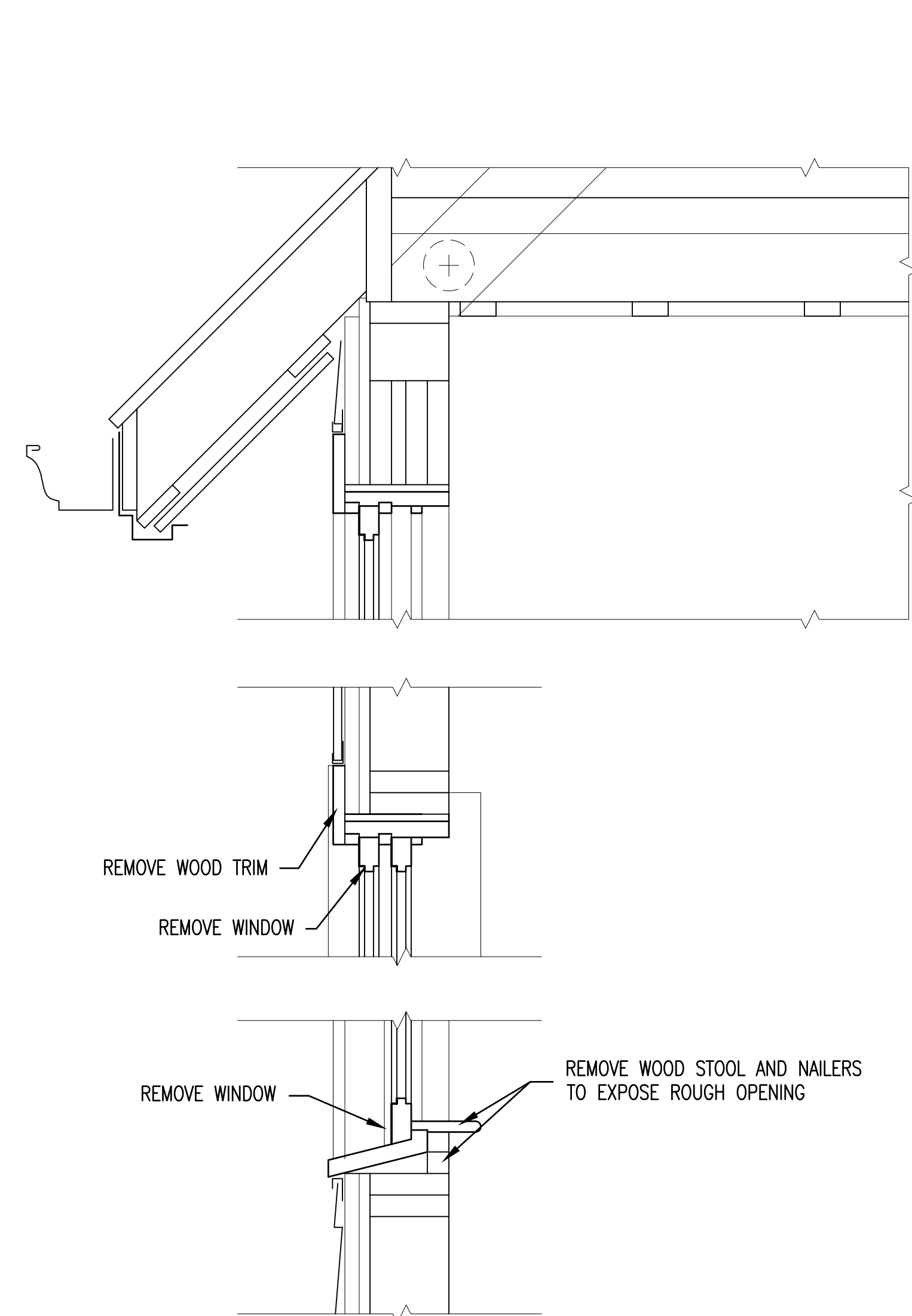
SHEET TITLE: <b>DETAIL SECTIONS</b>		<b>A-10</b>	
<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 SHELBY, N.C.		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
DES. Robert L. Smith III	DR. Steven C. Fender	<b>INTERIOR AND EXTERIOR REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA	
CHK. Robert L. Smith III	SUBMITTED BY:		
DESIGN DIR.	APPROVED:	DATE	SIZE: <b>E1</b> CODE IDENT. NO.: <b>80091</b> NAVFAC DRAWING NO.: <b>60024579</b> CONST. CONTR. NO.: <b>N40085-18-B-0086</b>
SATISFACTORY TO:	DATE	SCALE: NOTED	SPEC: 05-18-0086 SHEET 17 OF 50



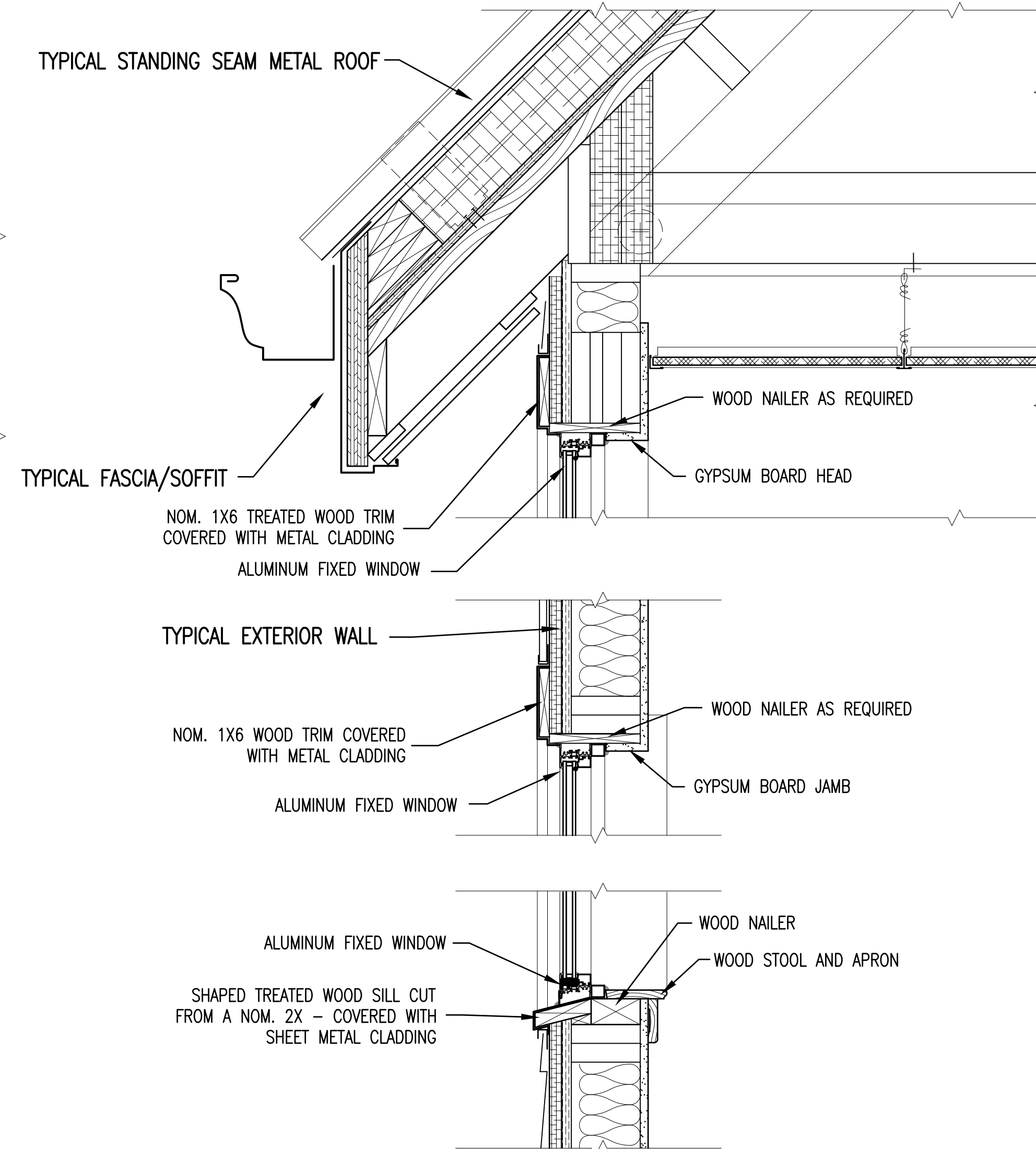
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

06/24/2019

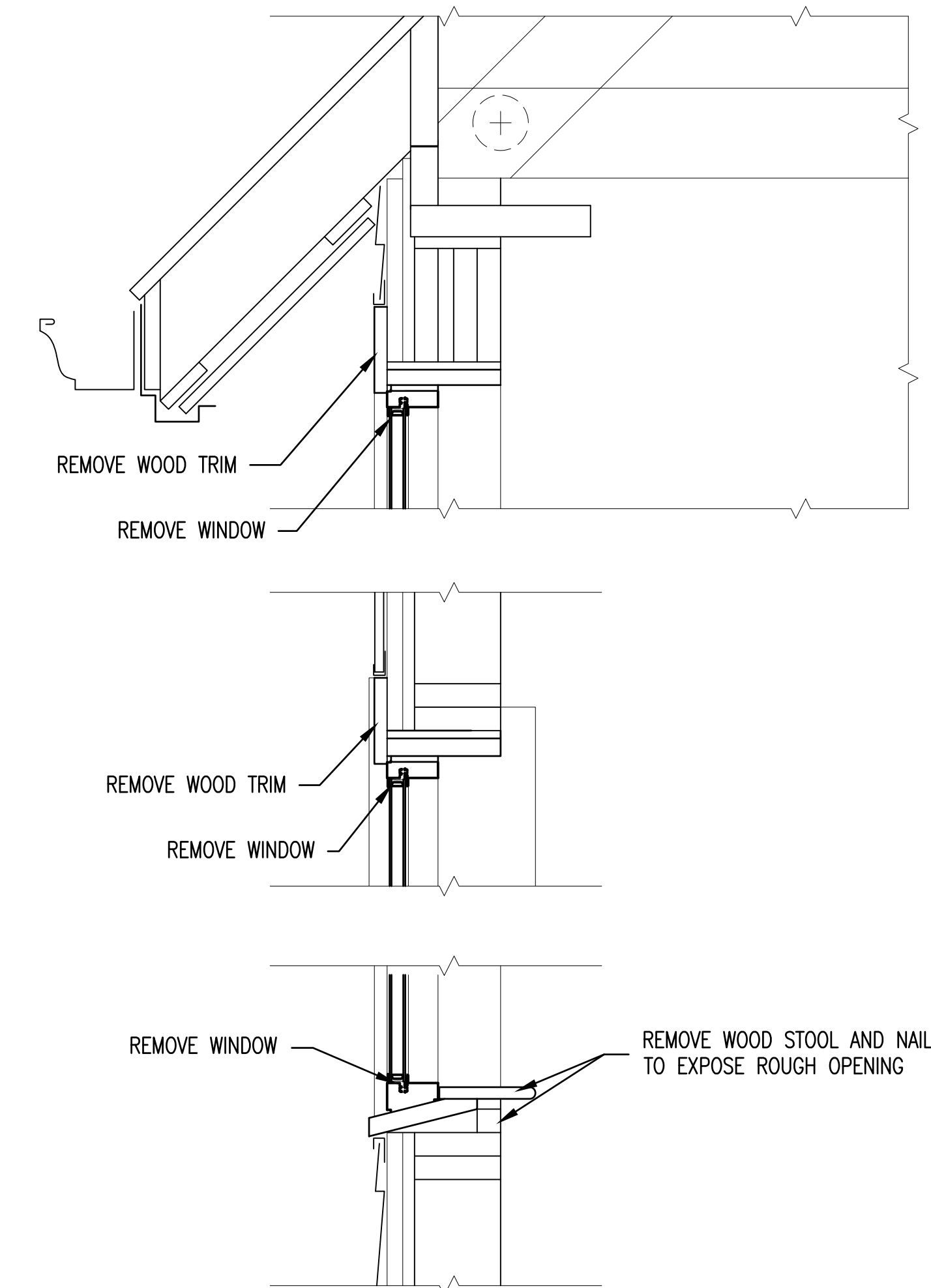
REVISIONS		
SYMBOL	DATE	APPROVED



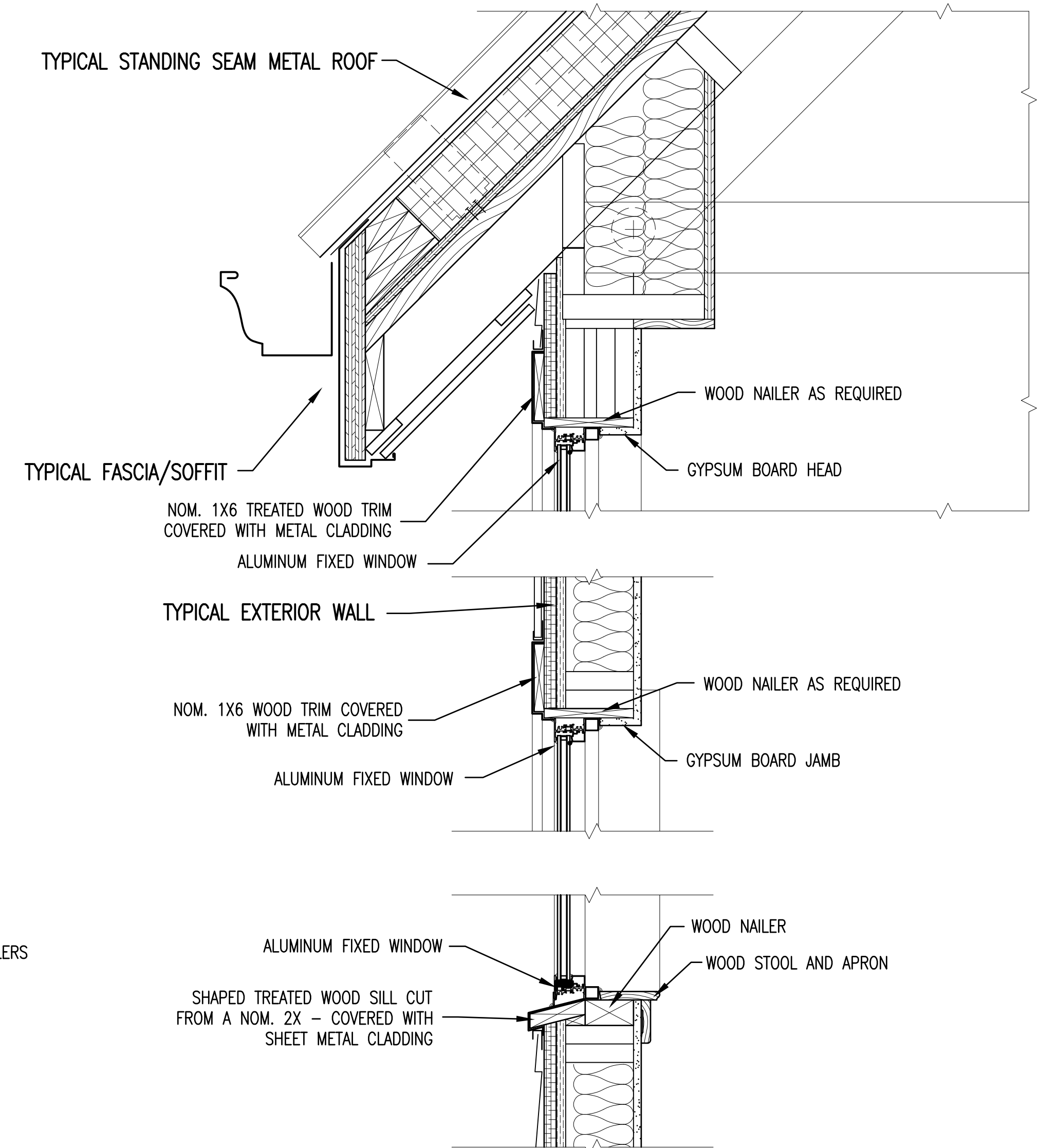
NOTES SAME AS DETAIL 3/A6/A10 UNLESS INDICATED OTHERWISE  
**EXISTING WINDOW DETAIL 3**  
 1 1/2" = 1'-0" A1|A11



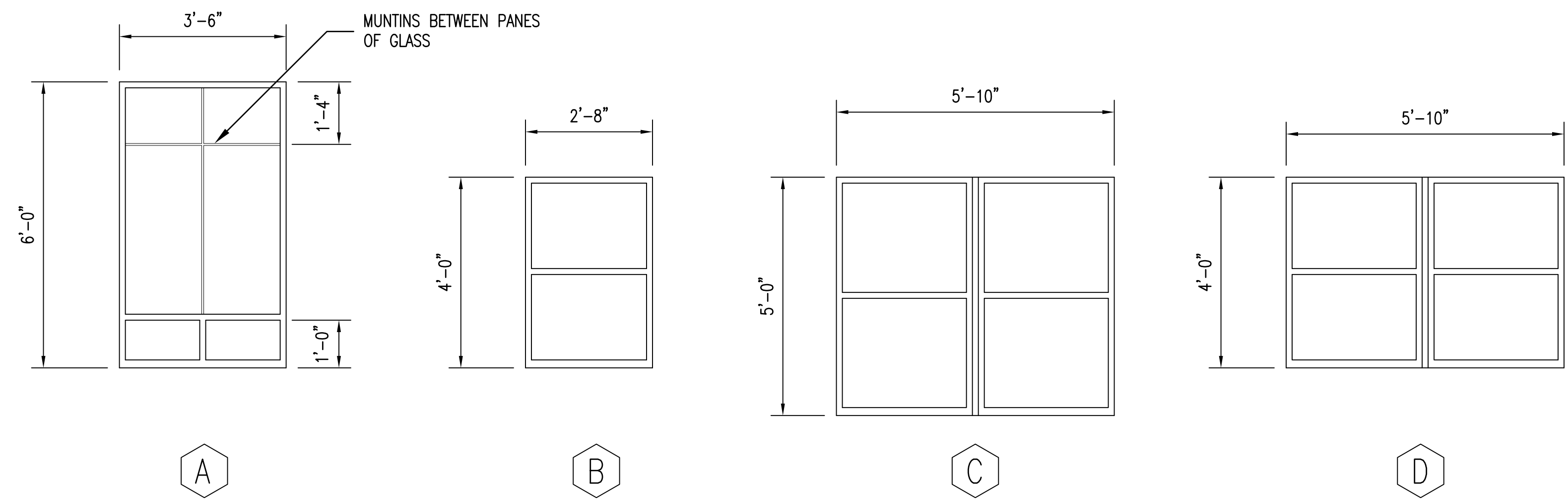
NOTES SAME AS DETAIL 4/A6/A10 UNLESS INDICATED OTHERWISE  
**RENOVATED WINDOW DETAIL 4**  
 WINDOWS B, C AND D  
 1 1/2" = 1'-0" A2|A11



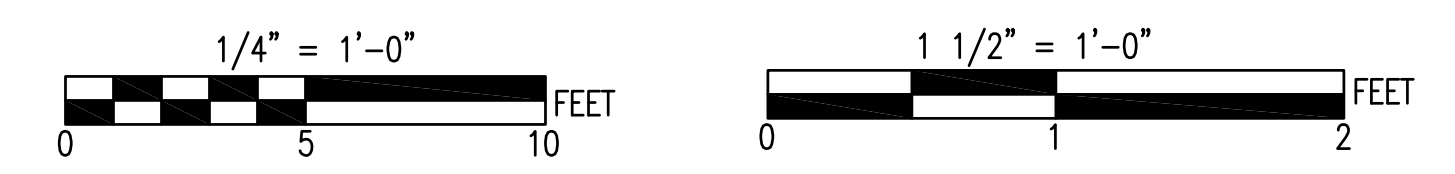
NOTES SAME AS DETAIL 1/A6/A10 UNLESS INDICATED OTHERWISE  
**EXISTING WINDOW DETAIL 1**  
 1 1/2" = 1'-0" A1|A11



NOTES SAME AS DETAIL 2/A6/A10 UNLESS INDICATED OTHERWISE  
**RENOVATED WINDOW DETAIL 2**  
 WINDOWS A  
 1 1/2" = 1'-0" A2|A11



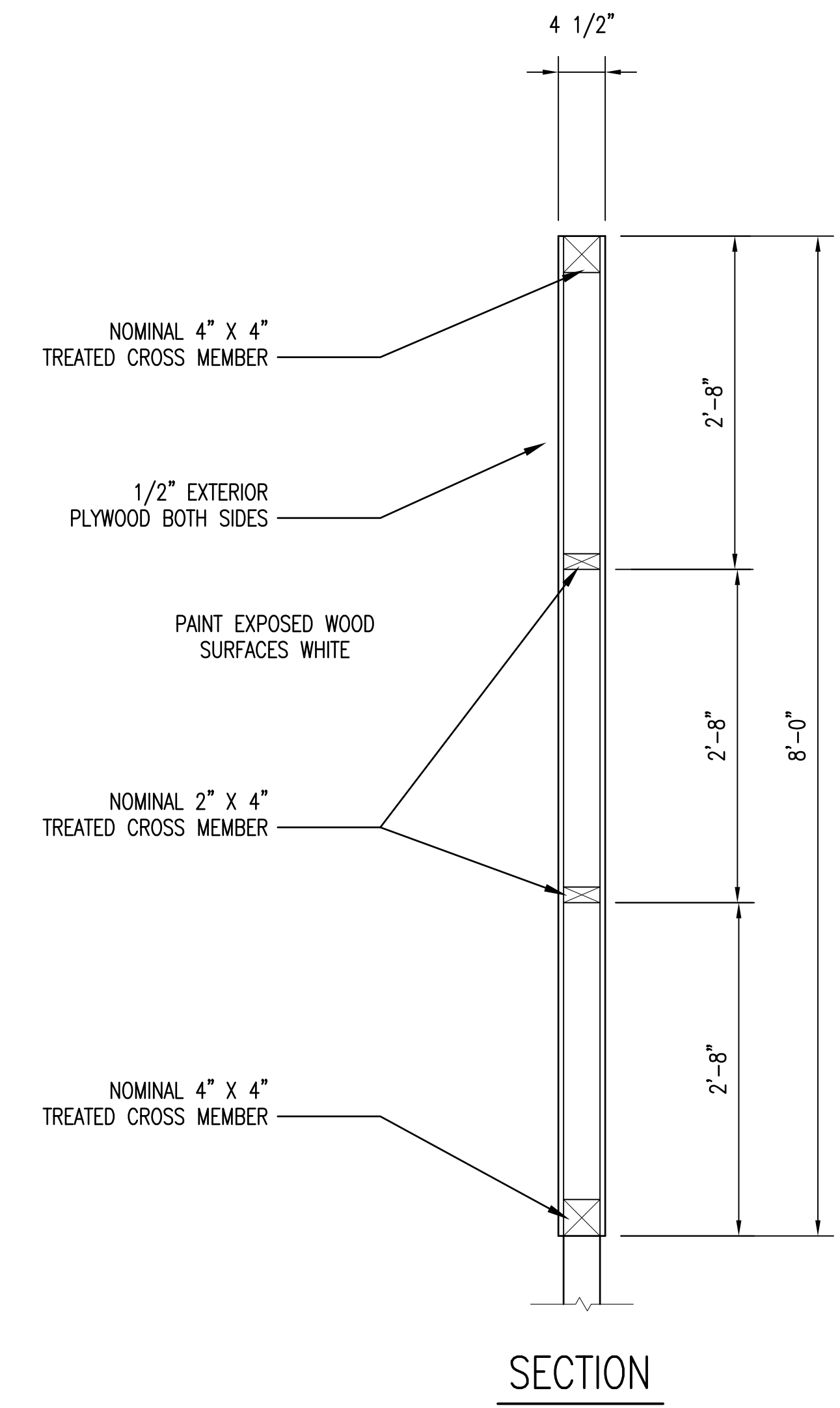
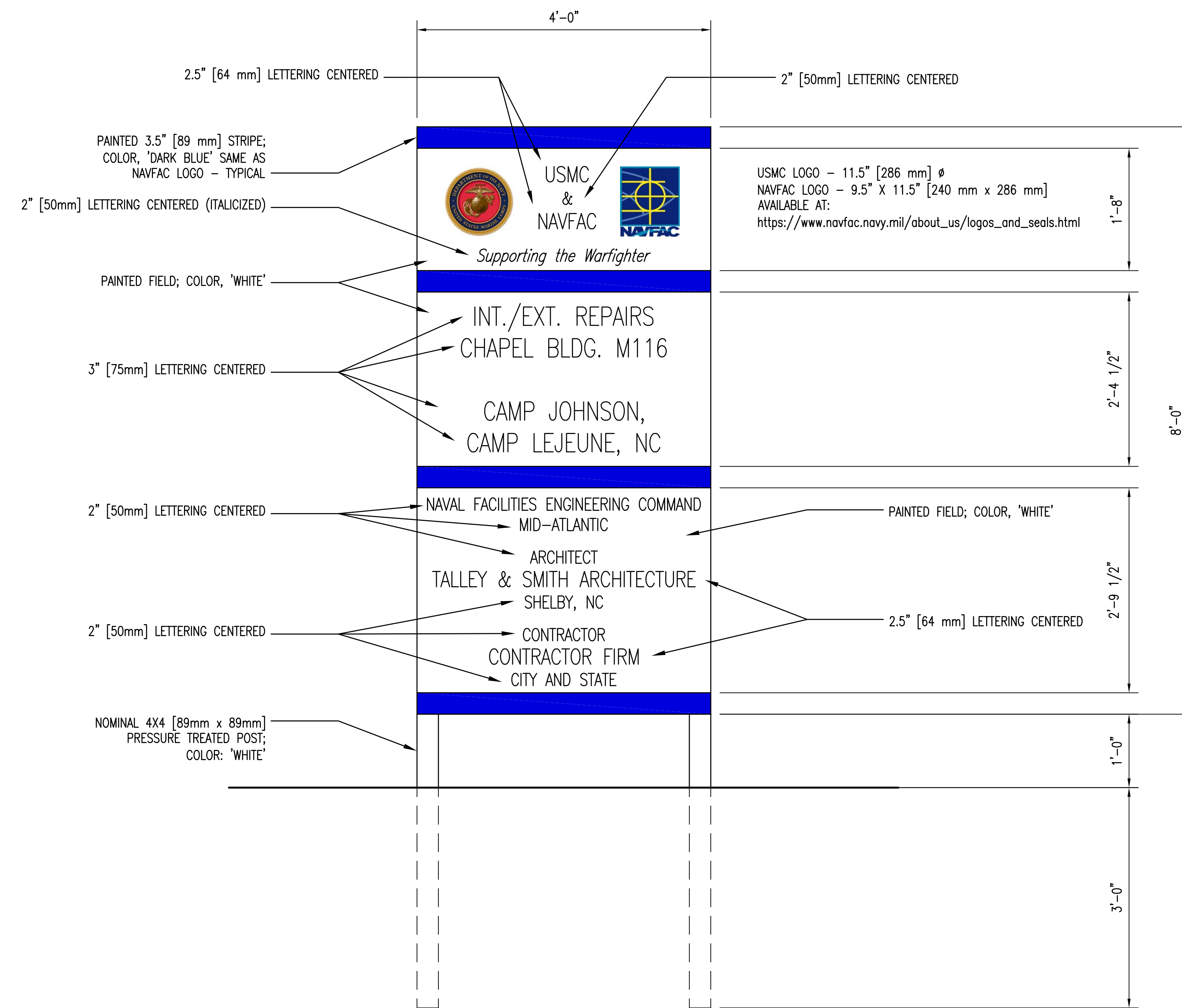
FIXED ALUMINUM FRAME WINDOWS  
 BLAST RESISTANT  
 FIELD VERIFY EXISTING WINDOW ROUGH OPENINGS  
**RENOVATED WINDOW ELEVATIONS 5**  
 PROVIDE OBSCURE GLASS AT TOILET AND SHOWER WINDOWS  
 1/2" = 1'-0" A11|A11



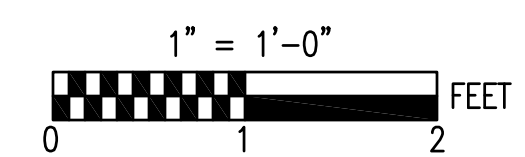
SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

	SHEET TITLE: <b>DETAIL SECTIONS</b>		<b>A-11</b>
	<b>TALLEY &amp; SMITH ARCHITECTURE INC.</b> P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
DES. Robert L. Smith III	INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA		
DR. Steven C. Fender	DATE	SIZE	CODE IDENT. NO.
CHK. Robert L. Smith III		E1	80091
SUBMITTED BY:	DATE	SCALE	NAVFAC DRAWING NO.
DESIGN DIR.		NOTED	60024580
APPROVED:	DATE	SPEC.	CONST. CONTR. NO.
		05-18-0086	N40085-18-B-0086
SATISFACTORY TO:	DATE		SHEET 18 OF 50

REVISIONS		
SYMBOL	DATE	APPROVED



PROJECT IDENTIFICATION SIGN 1  
 1" = 1'-0" A12 | A12



	SHEET TITLE: PROJECT IDENTIFICATION SIGN		A-12
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA
DES. Robert L. Smith III DR. Steven C. Fender CHK. Robert L. Smith III		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
SUBMITTED BY: DESIGN DIR. APPROVED: _____ DATE _____		SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b>	NAVFAC DRAWING NO.: <b>60024581</b> CONST. CONTR. NO.: <b>N40085-18-B-0086</b>
SATISFACTORY TO: _____ DATE _____		SCALE: NOTED	SPEC: 05-18-0086 SHEET 19 OF 50

SYM.	

**GENERAL:**

- REFER TO FA-3 FOR DETAIL DIAGRAMS AND SEQUENCE OF OPERATIONS MATRIX.
- THE LAYOUT SHOWN, IS TO CONVEY THE DESIGN INTENT. THE FINAL SYSTEM LAYOUT SHALL BE COMPLETED BY THE CONTRACTOR IN ACCORDANCE WITH LISTED DESIGN CRITERIA.

**DESIGN CRITERIA - FIRE ALARM/MASS NOTIFICATION SYS.**

THE SYSTEM SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS.

- NFPA 70 NATIONAL ELECTRICAL CODE - 2017 ED.
- NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE - 2019 ED.
- NFPA 101 LIFE SAFETY CODE - 2018 ED.
- UFC 1-200-01 GENERAL BUILDING REQUIREMENTS
- UFC 3-600-01 DESIGN: FIRE PROTECTION ENGINEERING FOR FACILITIES
- UFC 3-520-01 INTERIOR ELECTRICAL SYSTEM
- UFC 4-021-01 DESIGN AND O&M: MASS NOTIFICATION SYSTEMS

**CONTROL PANEL:**

- THE FIRE ALARM /MASS NOTIFICATION CONTROL PANEL (FMCP) SHALL BE A SITE PROGRAMMABLE ADDRESSABLE SYSTEM WITH VOICE EVACUATION.
- THE FMCP SHALL BE LOCATED IN AN YEAR-ROUND ENVIRONMENTALLY CONDITIONED SPACE AND RECESSED WHEN IN A FINISHED SPACE.
- THE FMCP SHALL HAVE AN 80 CHARACTER (MIN.) LCD ALPHANUMERIC DISPLAY AND A 400 EVENTS NON-VOLATILE HISTORY LOG MEMORY
- CABINETS/PANELS (CONTROL, BATTERY, LOC, POWER BOOSTER, ETC.) SHALL BE SEMI-RECESSED PANEL WHEN LOCATED IN A FINISHED SPACE.
- ALL CONTROL FUNCTIONS SHALL BE ACCESSIBLE ONLY BY USER CODE OR SECURED BEHIND A LOCKED CABINET.

**INTERFACE/CONTROLS:**

- MONITORING MODULES AND CONTROL MODULES/RELAYS SHALL BE ADDRESSABLE AND LOCATED WITHIN 36" OF THE SPECIFIC DEVICE OR EQUIPMENT IT CONTROLS OR MONITORS.
- PROVIDE EACH TAMPER SWITCH WITH A SEPARATE ADDRESS. CLEARLY LABEL EACH ADDRESSABLE DEVICE AND CIRCUIT WITH A TYPED PRINTABLE LABEL AFFIXED TO EACH DEVICE.

**POWER/BATTERIES:**

- PRIMARY AC POWER TO THE SYSTEM SHALL BE FED FROM A DEDICATED CIRCUIT WITH A RED CIRCUIT BREAKER AND A LOCK OPEN DEVICE.
- SECONDARY POWER SHALL BE BY RECHARGEABLE BATTERIES SIZED TO OPERATE THE SYSTEM FOR EITHER 48 HRS IN STANDBY/SUPERVISOR MODE WITH AN ADDITIONAL 15 MIN IN ALARM OR 60 MIN FULL ALARM IMMEDIATELY AFTER LOSS OF PRIMARY POWER, WHICHEVER IS GREATER.
- THE SYSTEM SHALL INCLUDE FULLY AUTOMATIC, SOLID STATE BATTERY CHARGER(S) UTILIZING A TRICKLE-CHARGE OR A FLOAT-CHARGE. THE CHARGER(S) SHALL HAVE THE CAPACITY TO RECHARGE BATTERIES TO 95% OF FULL CHARGE WITHIN 48 HOURS.
- THE BATTERIES WITH CHARGER(S) SHALL BE HOUSED IN THE FMCP CABINET OR AN ADJACENT LOCKED BATTERY CABINET. THE CABINET TO BE KEYED IDENTICAL TO THE FMCP.
- PRIMARY POWER TO THE MASS NOTIFICATION TRANSCIEVER SHALL BE FED BY A DEDICATED CIRCUIT WITH RED CIRCUIT BREAKER AND LOCK OPEN DEVICE CIRCUIT TO BE LOCATED IN THE SAME ELECTRICAL PANEL AS THE FMCP BREAKER.

**INITIATING CIRCUITS (SLC):**

- THE INITIATING CIRCUITS SHALL BE CLASS "B".
- ALL SMOKE DETECTORS CONNECTED TO THE FMCP SHALL HAVE AN ADJUSTABLE ALARM VERIFICATION FEATURE, INITIALLY SET AT 20 SECONDS.
- ALL SMOKE DETECTORS SHALL BE PHOTO-ELECTRIC UNLESS NOTED OTHERWISE.
- MANUAL PULL STATIONS SHALL BE ADDRESSABLE DOUBLE ACTION TYPE WITH MECHANICAL RESET FEATURES. IF RESET BY KEY, IT SHALL BE THE SAME AS REQUIRED FOR THE CONTROL PANEL.
- EACH SPRINKLER SYSTEM WATERFLOW SWITCH SHALL HAVE A SEPARATE ADDRESS.

**NOTIFICATION CIRCUITS (NAC):**

- THE FMCP NOTIFICATION CIRCUITS SHALL BE A CLASS "B".
- THE AUDIBLE ALARM NOTIFICATION SHALL BE BY VOICE EVACUATION SYSTEM. SPEAKERS SHALL HAVE MANUALLY SELECTABLE MULTI/VARIABLE WATTAGE, 0.25 TO 1.0 WATTS IN 0.25 WATT INCREMENTS. INITIAL SETTING TO BE AT 0.50 WATTS.
- VOICE MESSAGES SHALL BE FEMALE, AND UTILIZE THE INSTALLATIONS STANDARD SIGNALS AND MESSAGES. MESSAGES SHALL BE APPROVED BY THE SERVING FIRE DEPARTMENT OR AHJ.
- THE NUMBER AND PLACEMENT OF SPEAKER(S) TO BE SUFFICIENT TO PROVIDE 0.70 (CSI SCORE) AUDIBILITY RATING WITHIN THE AREA WITH ALL DOORS, FIRE SHUTTERS, MOVABLE PARTITIONS, AND SIMILAR DEVICES CLOSED.
- VISUAL NOTIFICATION SHALL BE PROVIDED IN ALL NORMALLY OCCUPIED, PUBLIC, AND COMMON USE AREAS. OFFICES DESIGNED FOR FOUR OR MORE PERSONS SHALL HAVE VISUAL NOTIFICATION.
- VISUAL NOTIFICATION SHALL BE PROVIDED IN ALL NORMALLY UNOCCUPIED AREAS GREATER THAN 900 SQ. FT. SUCH AS MECH., ELECTRICAL, STORAGE, COMMUNICATIONS, JANITORS ROOMS, AND SIMILAR SPACES.
- STROBES SHALL HAVE MANUALLY SELECTABLE CANDELA RATINGS, 15 TO 110 CANDELA. CANDELA RATING SHALL BE BASED ON LOCATION AND QUANTITY IN A ROOM IN ACCORDANCE WITH NFPA 72.
- VISIBLE NOTIFICATION APPLIANCES SHALL HAVE CLEAR LENS IN A WHITE HOUSING MARKED "ALERT" IN RED.

**WIRING, CONDUIT:**

- ALL CONDUCTORS TO BE RUN IN 3/4" MINIMUM RIGID METAL CONDUIT (EMT). PROVIDE CONDUIT SIZES, QUANTITIES, AND CONFIGURATION IN ACCORDANCE WITH LISTED DESIGN CRITERIA AND MANUFACTURER'S APPROVED SHOP DRAWINGS.
- ALL CONDUCTORS SHALL BE EITHER STRANDED OR SOLID COPPER. 18 AWG MIN FOR SLC AND 16 AWG MIN. FOR NAC CIRCUITS
- ALL CONDUIT, WIRES, AND CABLES IN FINISHED SPACES SHALL BE CONCEALED IN WALLS, CEILING, AND SIMILAR SPACES.
- ALL CONDUCTORS TO RUN SPLICE FREE FROM DEVICE TO DEVICE. WIRE NUTS, CRIMPED CONNECTORS, OR TWISTING OF CONDUCTORS IS PROHIBITED.
- RUN ALL WIRING TO AND WITHIN THE CONTROL PANELS IN THE VERTICAL OR HORIZONTAL PLANE, MAKE ALL TURNS AT 90 DEGREES ANGLES, AND TIGHTLY BUNDLED AND WRAPPED. IDENTIFY ALL CONDUCTORS INDIVIDUALLY WITH PERMANENT PRINTED LABELS AFFIXED WITH SHRINK WRAP.
- DEVICE CONNECTIONS SHALL BE THE DEVICE SCREW TERMINALS OR TERMINAL STRIPS MOUNTED WITHIN THE JUNCTION BOX.
- ALL CONDUIT, JUNCTION/BACK BOXES, COVERS, AND COUPLINGS ARE TO BE FACTORY PAINTED RED IN UNFINISHED AREAS (E.G. ABOVE CEILINGS, IN MECHANICAL ROOMS, ETC).
- ALL CONDUIT, JUNCTION/BACK BOXES, COVERS AND COUPLINGS ARE PERMITTED TO BE PAINTED TO MATCH ROOM FINISH. THE INSIDE COVER OF JUNCTION BOXES TO BE IDENTIFIED AS "FIRE ALARM". CONDUIT TO HAVE 3/4" RED BANDS EVERY 20 FT AND BOTH SIDES OF ALL FLOORS, WALLS, AND CEILING PENETRATIONS.
- PROVIDE A SURGE SUPPRESSOR (SPD) ON ALL SLC AND NAC CIRCUIT THAT LEAVES OR ENTERS THE FACILITY'S EXTERIOR ENCLOSURE (EXCLUDING WALL MOUNTED DEVICES) (EG. ELECTRIC BELL OR SPEAKER). LOCATE SPD AT FIRST CONNECTION CLOSEST TO WHERE CIRCUIT ENTERS OR LEAVES THE FACILITY, PRIOR TO THE DEVICE.
- 120 VAC CIRCUITS TO CONTROL PANELS, SUBPANELS, TRANSMITTERS, AMPLIFIER PANELS, AND BOOSTER PANELS SHALL BE EQUIPPED WITH SPD. THE SPD SHALL BE LOCATED IN AN ADJACENT HINGED TERMINAL BOX.

**LOCAL OPERATING CONSOLE (LOC):**

- PROVIDE A SEPARATE LOC NEAR THE BUILDING'S MAIN ENTRANCE, EXCEPT IN A LOCKED ROOM OR CLOSET. ONLY 1 LOC IS NEEDED, IN ADDITION TO THE ACU.
- PROVIDE A SINGLE MUSHROOM TYPE EMERGENCY SHUTOFF SWITCH THAT IS A DIFFERENT COLOR THAN FIRE ALARM PULL STATIONS.
- LOC SHALL BE IN A SMALL, SEMI-RECESSED WALL MOUNTED ENCLOSURE IN AN AREA WITH HEATING AND VENTILATION.
- PROVIDE SIGNAGE ON THE OUTSIDE OF THE ENCLOSED LOC.

**LEGEND**

- MANUAL PULL STATION
- SMOKE DETECTOR
- IN DUCT SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- FLOW SWITCH MONITORING MODULE
- TAMPER SWITCH MONITORING MODULE
- SPEAKER STROBE; # INDICATES CANDELA RATING
- FIRE DEPARTMENT KNOX BOX
- WALL MOUNT STROBE; # INDICATES CANDELA RATING
- SPEAKER
- FIRE ALARM/MASS NOTIFICATION CONTROL PANEL
- MASS NOTIFICATION TRANSCIEVER
- LOCAL OPERATING CONSOLE
- MICROPHONE
- FIRE ALARM ANNUNCIATOR

**SUBSCRIPTS**

(WP) WEATHERPROOF

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<p><b>Lovett Consultants</b> 4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection &amp; Building Code Specialists NC Firm License No: P-0296</p>	SHEET TITLE: <b>FIRE ALARM LEGEND AND NOTES</b>		<p><b>FA-1</b></p>
	<p>TALLEY &amp; SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150</p>	<p>DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA</p>	
	DES: GMM	<p>INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA</p>	
	DR: MEW		
	CHK: JLL	SIZE: F	CODE IDENT. NO.: 80091
	SUBMITTED BY:	DATE:	NAVFAC DRAWING NO.: 60024582
	DESIGN DIR:	DATE:	CONST. CONTR. NO.: N40085-18-B-0086
	APPROVED:	DATE:	SHEET 20 OF 50
	SATISFACTORY TO:	DATE:	SCALE: NOTED
			SPEC: 05-18-0086

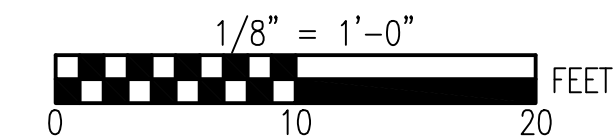
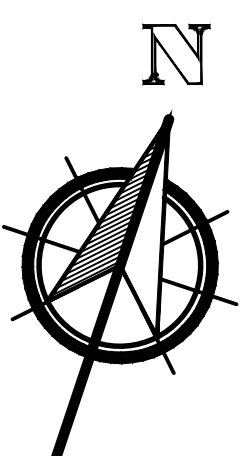
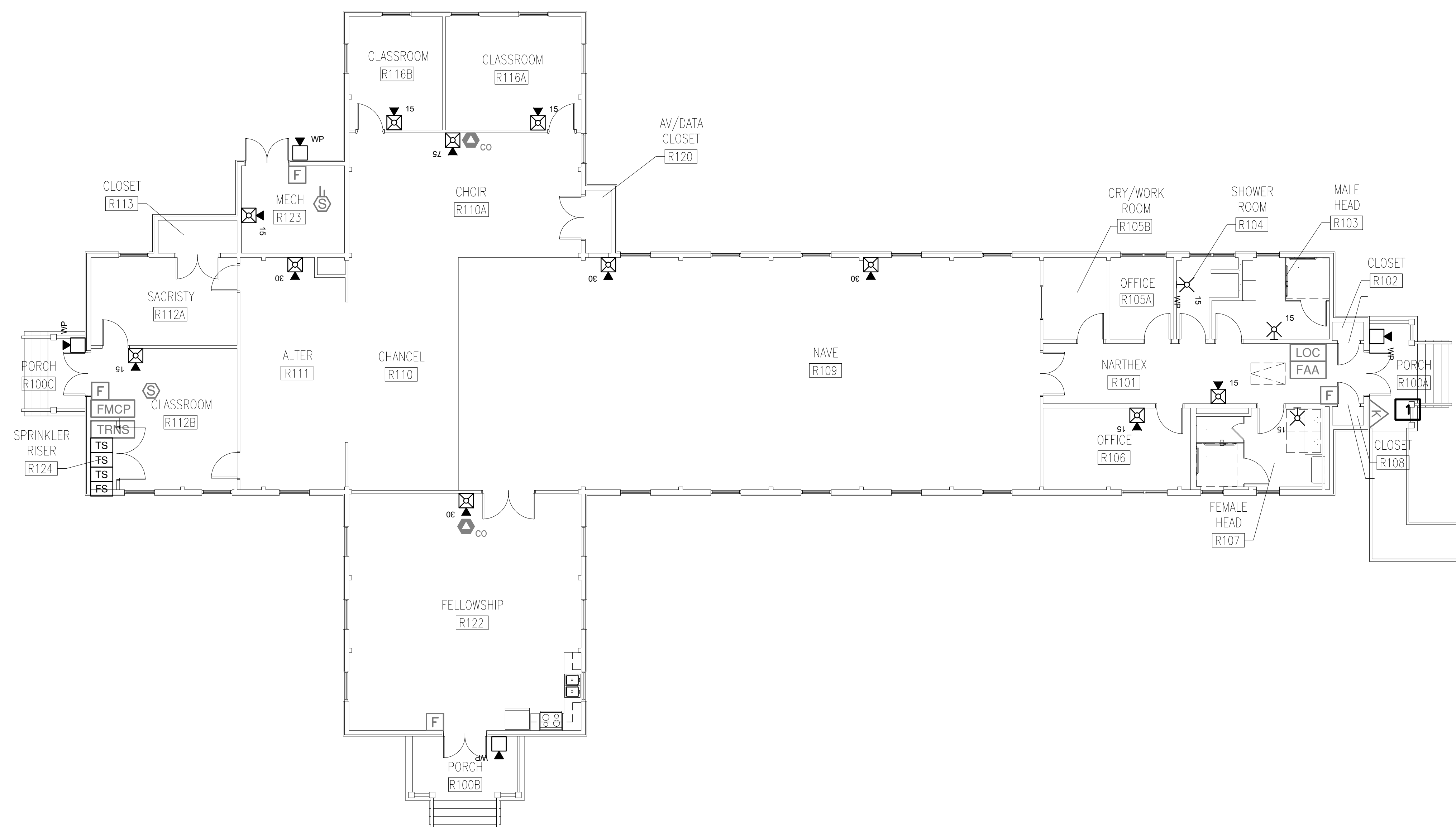
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**SHEET NOTES:**

- REFERENCE FA-1 FOR NOTES AND LEGEND.
- REFER TO FA-3 FOR DETAILS.


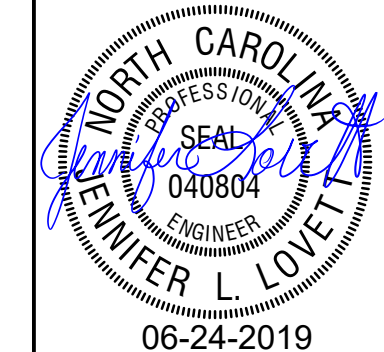
**KEY NOTES:**

**1** COORDINATE LOCATION AND KEY SET WITH THE RESPONDING FIRE DEPARTMENT.

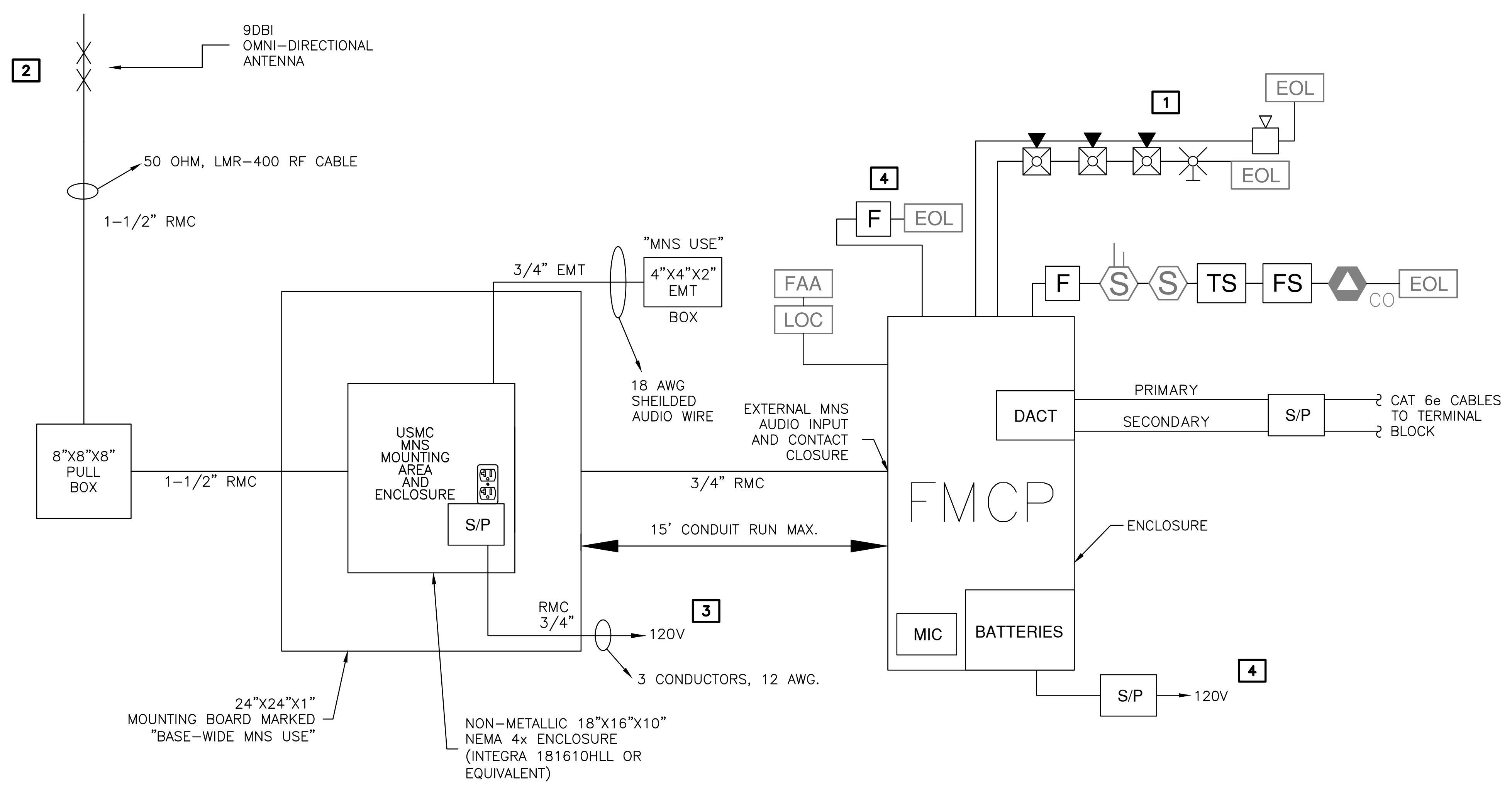


SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

RENOVATED FIRE ALARM FLOOR PLANS 1  
FA  
2  
1/8" = 1'-0"

 4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection & Building Code Specialists NC Firm License No: F-0296	SHEET TITLE: <b>RENOVATED FIRE ALARM FLOOR PLAN</b>	<b>FA-2</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150 DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA	
	DES. GMM DR. MEW CHK. JLL SUBMITTED BY: DESIGN DIR.: APPROVED: _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____	INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b> NAVFAC DRAWING NO.: <b>60024583</b>	CONST. CONTR. NO.: <b>N40085-18-B-0086</b>
	SCALE: NOTED SPEC.: <b>05-18-0086</b>	SHEET <b>21</b> OF <b>50</b>

REV.	REVISIONS



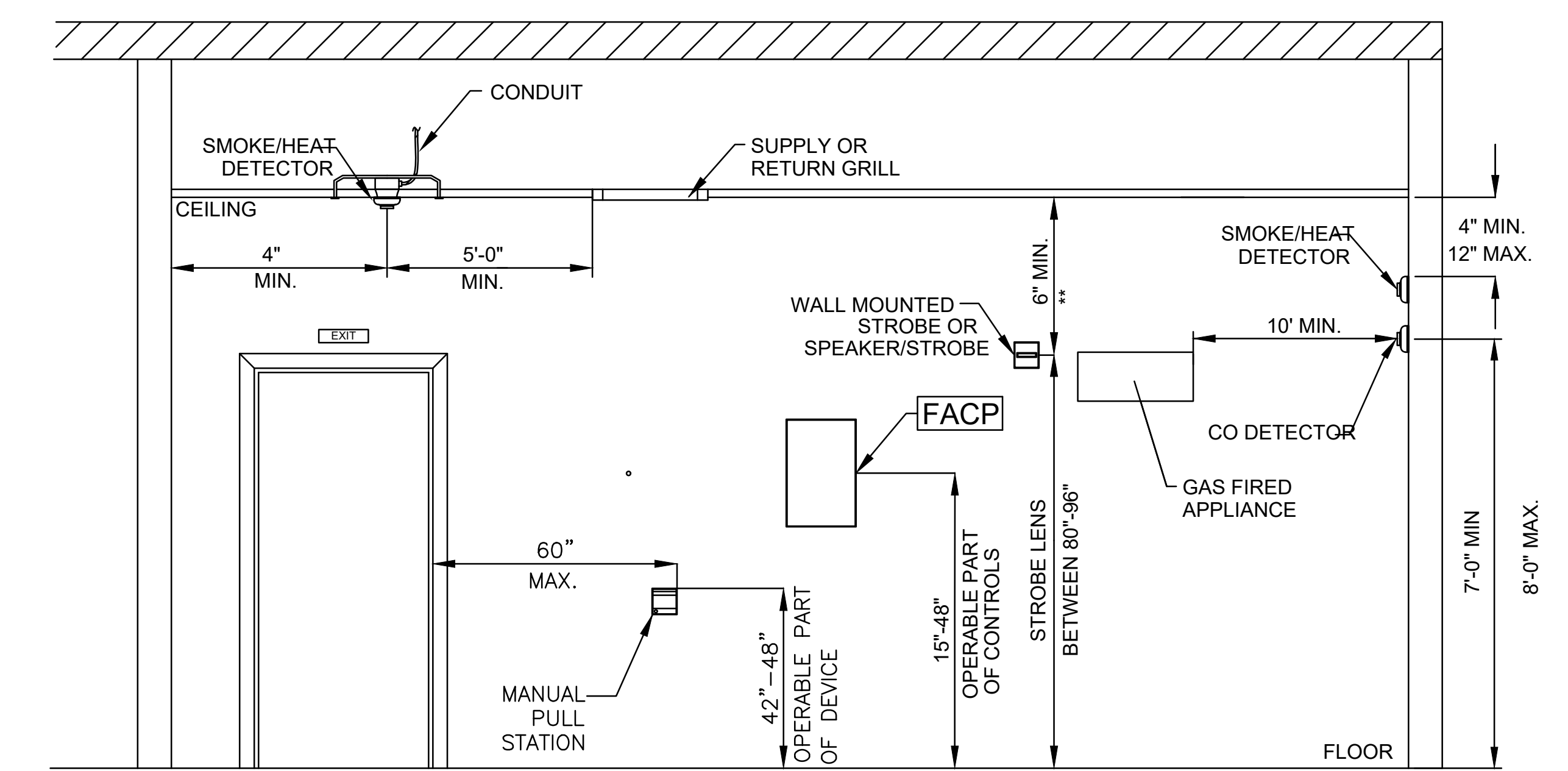
**SHEET NOTES:**

- REFERENCE FA-1 FOR NOTES AND LEGEND.
- REFER TO FA-2 FOR FLOOR PLAN.

**KEY NOTES:**

- SEE FLOOR PLAN FOR EXACT NUMBER AND LOCATION OF DEVICES.
- 4 FEET ABOVE THE APEX OF THE ROOFLINE WITH A UL LISTED WEATHERHEAD
- CIRCUITS PROVIDED W/ RED BREAKERS. LOCK OPEN DEVICE AND FED FROM THE SAME ELECTRICAL PANEL.
- SEPARATE SLC CIRCUIT THAT WILL NOT BE PLACED ON TEST MODE

**RISER DETAIL**  
NTS



**MOUNTING HEIGHTS**  
NTS

ACTION TO BE INITIATED	ACTION TO BE INITIATED														
	ACTIVATE AUDIBLE & VISUAL ALARM SIGNAL INDICATOR & ALARM @ FACP	ACTIVATE AUDIBLE & VISUAL SUPERVISORY SIGNAL INDICATOR & ALARM @ FACP	ACTIVATE AUDIBLE & VISUAL TROUBLE SIGNAL INDICATOR & ALARM @ FACP	DISPLAY / PRINT CHANGE OF STATUS ON FACP	TRANSMIT SIGNAL TO MONITORING STATION	ACTIVATE FIRE ALARM AUDIBLE MESSAGE	ACTIVATE ALERT VISUAL APPLIANCES	INITIATE SHUT DOWN OF ASSOCIATED AHU	OVERRIDE / SILENCE BUILDING PA SYSTEM / MUSIC / TVS	OVERRIDE PRE-RECORDED DIGITIZED VOICE MESSAGE	OVERRIDE FIRE ALARM AUDIBLE SIGNALS	BROADCAST MNS AUDIBLE MESSAGE	OVERRIDE LOCAL OPERATING STATION	BROADCAST CO AUDIBLE MESSAGE	TRANSMIT DISTINCT CO ALARM SIGNAL TO MONITORING STATION
MANUAL PULL STATION	X			X	X	X	X								
GENERAL SMOKE DETECTOR	X			X	X	X	X								
DUCT SMOKE DETECTOR		X		X	X			X							
WATERFLOW SWITCH	X			X	X	X	X		X						
TAMPER SWITCH		X		X	X										
FIRE ALARM AC POWER FAILURE				X	X	X									
FIRE ALARM SYS LOW BATTERY				X	X	X									
OPEN CIRCUIT/GROUND FAULT				X	X	X									
NOTIFICATION APPLIANCE SHORT				X	X	X									
FIRE ALARM LIVE VOICE MESSAGE	X			X	X	X	X	X	X	X	X				
MNS LIVE VOICE MESSAGE		X		X	X	X	X	X	X	X	X	X			
MNS AUTONOMOUS CONTROL UNIT		X		X	X	X	X	X	X	X	X	X	X		
LOCAL OPERATING CONSOLE		X		X	X	X	X	X	X	X	X	X			
CARBON MONOXIDE DETECTOR	X			X	X	X	X	X	X	X	X			X	X

**OPERATIONAL MATRIX**  
NTS

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<b>Lovett Consultants</b> 4405 Morris Park Dr. Suite # Mint Hill, NC 28227 Ph: 704.545.8303 Fire Protection & Building Code Specialists NC Firm License No: P-0296	SHEET TITLE: FIRE ALARM DETAILS		<b>FA-3</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DES: GMM	INTERIOR AND EXTERIOR REPAIRS BLDG. M116	
	DR: MEW	CAMP LEJEUNE, NORTH CAROLINA	
	CHK: JLL	APPROVED: _____	DATE: _____
	SUBMITTED BY: _____	DATE: _____	SIZE: F
DESIGN DIR: _____	DATE: _____	NAVFAC DRAWING NO.: 60024584	CONST. CONTR. NO.: N40085-18-B-0086
SATISFACTORY TO: _____	DATE: _____	SCALE: NOTED	SPEC: 05-18-0086
		SHEET 22 OF 50	

REVISIONS	
SYM.	

### GENERAL NOTES:

1. SPRINKLER SYSTEMS TO BE INSTALLED COMPLETE AND OPERATIVE THROUGHOUT THE BUILDING IN ACCORDANCE WITH UFC 3-600-01: CHANGE 3, NFPA 909, AND NFPA 13.
2. FIELD VERIFY JOB CONDITIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, PIPE SIZES, ETC. THAT MAY AFFECT THE SYSTEM INSTALLATION OR COMPLIANCE WITH NFPA 13, AND NOTIFY THE CONTRACTING OFFICER PRIOR TO BEGINNING WORK.
3. FINAL SPRINKLER PLACEMENT, PIPE ROUTING, AND QUANTITY SHALL BE COORDINATED BETWEEN SPRINKLER CONTRACTOR AND GENERAL CONTRACTOR. PIPE ROUTING SHOWN IS SUGGESTED. FINAL ROUTING TO BE SHOWN AND APPROVED THROUGH THE SHOP DRAWINGS.
4. EXPOSED PIPING MUST BE LOCATED SO THE VISUAL AESTHETICS OF DECORATIVE ARCHITECTURAL ELEMENTS IS MAINTAINED.
5. ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL BACKGROUND INFORMATION SHOWN IS FOR COORDINATION PURPOSES ONLY. REFER TO THE PROPER DRAWINGS FOR EXACT LOCATIONS, SIZES, AND QUANTITIES OF OTHER TRADES' WORK.
6. LOCATION OF TEST CONNECTIONS AND AUXILIARY DRAINS SHALL MEET NFPA 13 AND LOCAL CODES.
7. ALL VALVES SHALL BE READILY ACCESSIBLE FOR OPERATION.
8. PIPE TO BE SCHEDULE 40 BLACK STEEL FOR PIPES 2" AND SMALLER; AND PIPING LARGER THAN 2" MUST BE A MINIMUM OF SCHEDULE 10.
9. PROVIDE PROTECTION VIA SIDEWALL SPRINKLERS FOR COVERED PORCH GREATER THAN 4 FOOT IN DEPTH.
10. ALL SPRINKLERS MUST BE DESIGNED FOR LIGHT HAZARD OCCUPANCY UNLESS OTHERWISE INDICATED.
11. PROVIDE SPRINKLER PROTECTION IN THE CONCEALED COMBUSTIBLE LOCATIONS ABOVE THE DROP CEILINGS.

### PIPE HANGER NOTES:

1. PIPES LARGER THAN 4 IN. RUNNING PARALLEL TO BAR JOISTS SHALL BE HUNG FROM TRAPEZE HANGERS SUPPORTED NEARLY EQUALLY BY JOISTS.
2. ONLY ONE PIPE SHALL BE SUPPORTED FROM A SINGLE TRAPEZE HANGER UNLESS OTHERWISE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD.
3. HANGERS WITH MORE THAN 150 POUNDS OF LOAD SHOULD BE ATTACHED TO THE BAR JOIST AT A PANEL POINT.

### TELECOM, I.T., AND ELECTRICAL ROOM NOTES:

1. SPRINKLER PIPING SUPPLY LINES SHALL NOT RUN THROUGH AV/DATA CLOSET.
2. SPRINKLER PIPING SHALL NOT RUN DIRECTLY ABOVE ELECTRICAL PANELS.
3. UTILIZE SIDEWALL SPRINKLERS ABOVE ENTRY DOOR OR SIMILAR EQUIPMENT.

### SPRINKLERS

PENDENTS: SEMI-RECESSED & PENDENT

FINISH: CHROME OR WHITE

TEMP: ORDINARY

K: 5.6 (LIGHT HAZARD)

UPRIGHTS:

FINISH: BRONZE OR WHITE

TEMP: ORDINARY

K: 5.6 (LIGHT HAZARD) OR 8.0 (ORDINARY HAZARD)

ESCUTCHEON: 2 PIECE METAL - LISTED W/SPRINKLER

FINISH: TO MATCH SPRINKLER

PROTRUSION FROM SURFACE: 3/4" MAX.

SPRINKLERS NEAR A HEAT SOURCE (UNIT HEATER, DIFFUSER, STEAM MAINS, SKYLIGHT, ETC) SHALL HAVE TEMPERATURE RATING IN ACCORDANCE WITH NFPA 13.

EXTENDED COVERAGE SPRINKLERS ARE NOT PERMITTED

### DESIGN CRITERIA - DENSITY/AREA METHOD

THE SYSTEM SHALL COMPLY WITH UFC 3-600-01, CHANGE 3

CHURCH, OFFICE, RESTROOM, CORRIDORS, AND OTHER PUBLIC AREAS (LIGHT HAZARD WET PIPE FIRE SPRINKLER SYSTEMS):

DENSITY: 0.10 GPM/SQ. FT.

OPERATING AREA: 1,500 SQ. FT.

MAXIMUM AREA PER SPRINKLER HEAD: 225 SQ. FT FOR AREAS WITH DROP CEILING.

MAXIMUM AREA PER SPRINKLER HEAD: 168 SQ. FT FOR SPRINKLERS INSTALLED AT ROOF DECK.

MAXIMUM SPACING BETWEEN HEADS: 15 FT.

HOSE STREAM ALLOWANCE: 250 GPM

MECHANICAL, EQUIPMENT ROOMS, JANITOR'S CLOSETS, AND STORAGE ROOMS (ORDINARY HAZARD GROUP II WET PIPE FIRE SPRINKLER SYSTEMS):

DENSITY: 0.20 GPM/SQ. F.T

OPERATING AREA: 2,500 SQ. FT.

MAXIMUM AREA PER SPRINKLER HEAD: 130 SQ. FT.

MAXIMUM SPACING BETWEEN HEADS: 12 FT.

HOSE STREAM ALLOWANCE: 250 GPM

WATER FLOW TEST

04.05.18 AT 1307 HOURS

STATIC: 60 PSI

RESIDUAL: 47.5 PSI

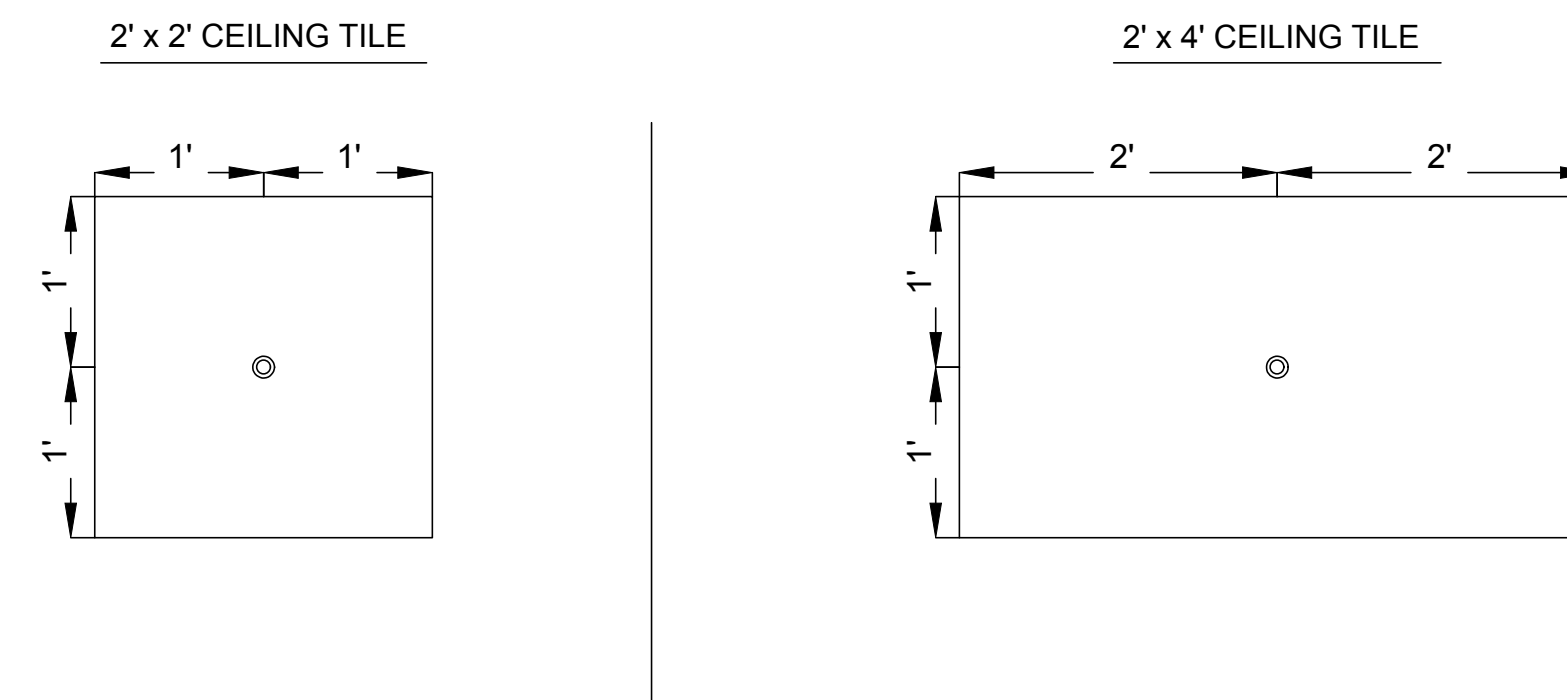
FLOWING: 1126 GPM

LOCATION: HYDRANT 8-23-6

PREFORMED BY: LOVETT CONSULTANTS

PERFORM AN INDEPENDENT WATER FLOW TEST IN ACCORDANCE WITH NFPA 291, ON WHICH TO BASE THE FINAL SHOP DRAWING DESIGN, AND VERIFY CONSISTENCY OF SYSTEM.

### SPRINKLER LOCATIONS



NOTE:

1. SPRINKLERS SHALL BE POSITIONED AS SHOWN; OR POSITIONED NO CLOSER THAN 6" TO CEILING GRID. HOWEVER, WHEN MORE THAN ONE SPRINKLERS ARE WITHIN A ROOM, THEN ALL THE SPRINKLERS IN THE ROW SHALL BE LINED UP IN THE SAME DIRECTION.
2. HARD CEILINGS: LOCATE SPRINKLERS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS WHEN INDICATED. SPRINKLERS SHALL BE IN LINE WITH LIGHT FIXTURES, HVAC GRILLS, AND OTHER SPRINKLERS. COORDINATE CLOSELY WITH THE ELECTRICAL AND MECHANICAL CONTRACTOR TO PROVIDE CLEARANCES TO OBSTRUCTIONS IN ACCORDANCE WITH NFPA13.
3. UNFINISHED AREAS: LOCATE SPRINKLERS AS SHOWN ON THE ENGINEERING DRAWINGS, WHEN INDICATED.
4. SPRINKLER DEFLECTORS MUST BE 1" TO 6" FROM CEILING.

### LEGEND

- SPRINKLER RISER ASSEMBLY
- 5" STORZ CONNECTION
- TEST HEADER OUTLETS
- ORDINARY HAZARD GROUP 2 WET-PIPE SYSTEM
- BACKFLOW PREVENTOR (RPZ)
- UNDERGROUND FIRE MAIN

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<p>4455 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection &amp; Building Code Specialists NC Firm License No: F-0296</p>	SHEET TITLE: <b>FIRE PROTECTION LEGEND AND NOTES</b>		<b>FP-1</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
	DES: GMM	DR: MEW	
SUBMITTED BY: DESIGN DIR: APPROVED:	DATE:	SIZE: <b>F</b>	CODE IDENT. NO.: <b>80091</b>
SATISFACTORY TO:	DATE:	SCALE: NOTED	NAVFAC DRAWING NO.: <b>60024585</b> CONST. CONTR. NO.: N40085-18-B-0086 SPEC: 05-18-0086
			SHEET 23 OF 50

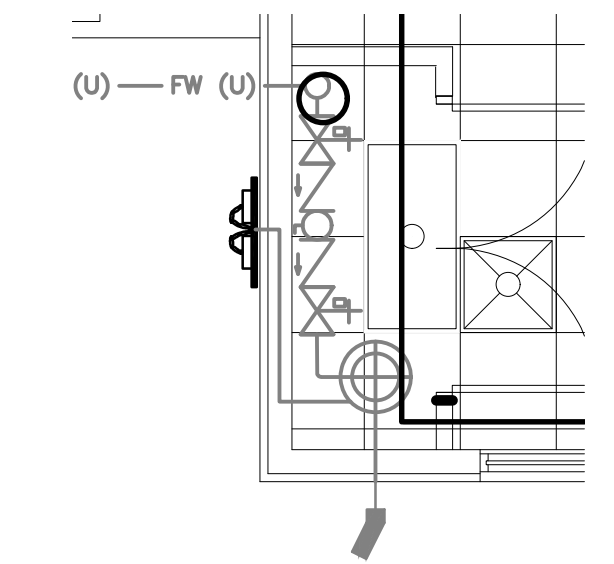
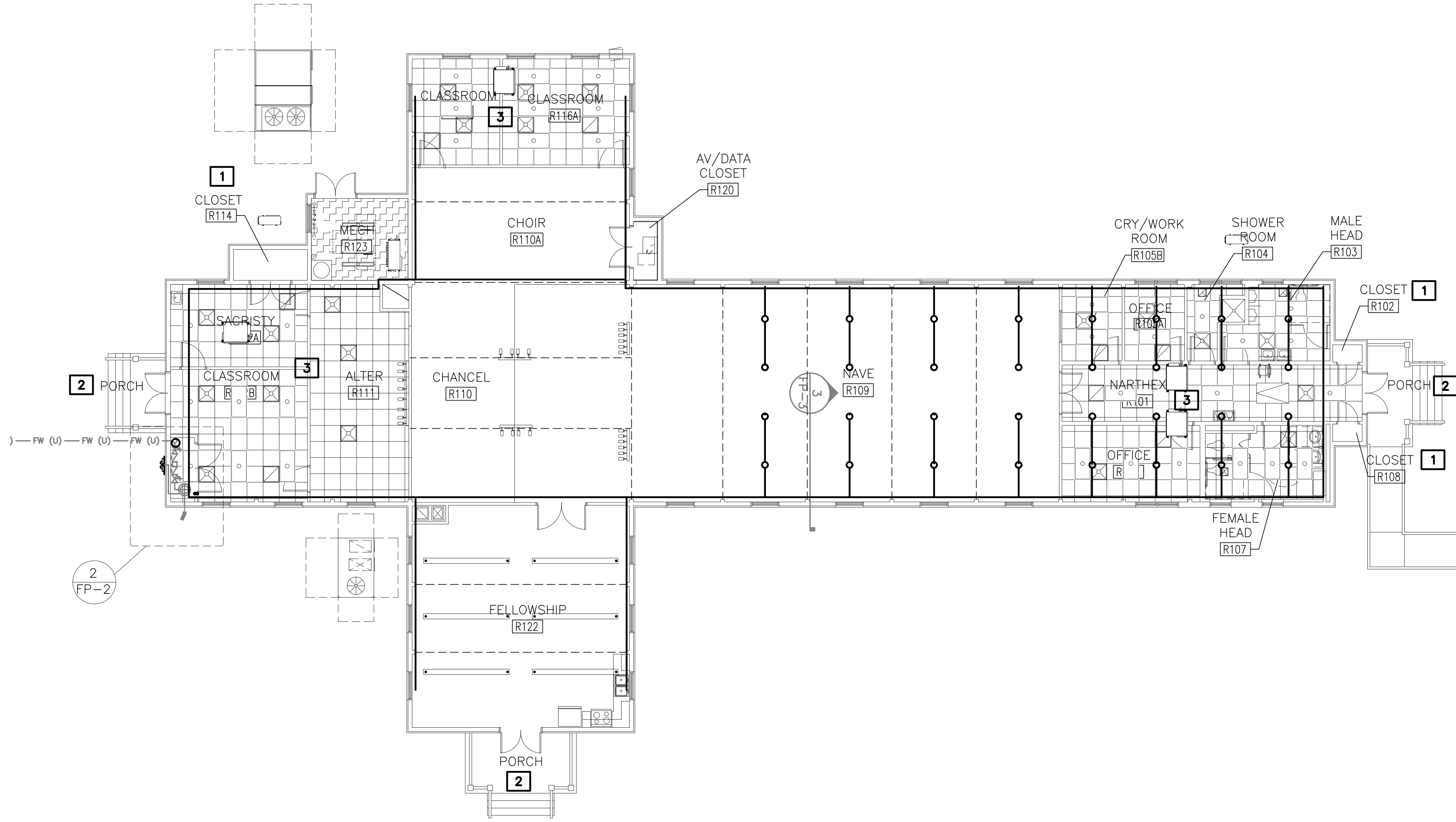
REVISIONS	
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**SHEET NOTES:**

- REFERENCE FP-1 FOR NOTES AND LEGEND.
- REFER TO FP-3 FOR DETAILS.

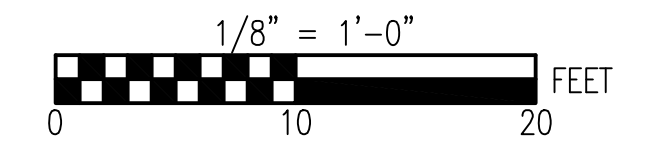
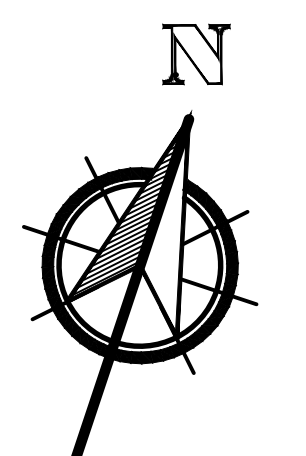
**KEY NOTES:**

- SPRINKLER PROTECTION NOT REQUIRED PER NFPA 13.
- PROVIDE SPRINKLER PROTECTION VIA SIDEWALL SPRINKLERS.
- PROVIDE SPRINKLER PROTECTION ABOVE AND BELOW DROP CEILING.



**RISER ROOM**  
1/4" = 1'-0"  
2

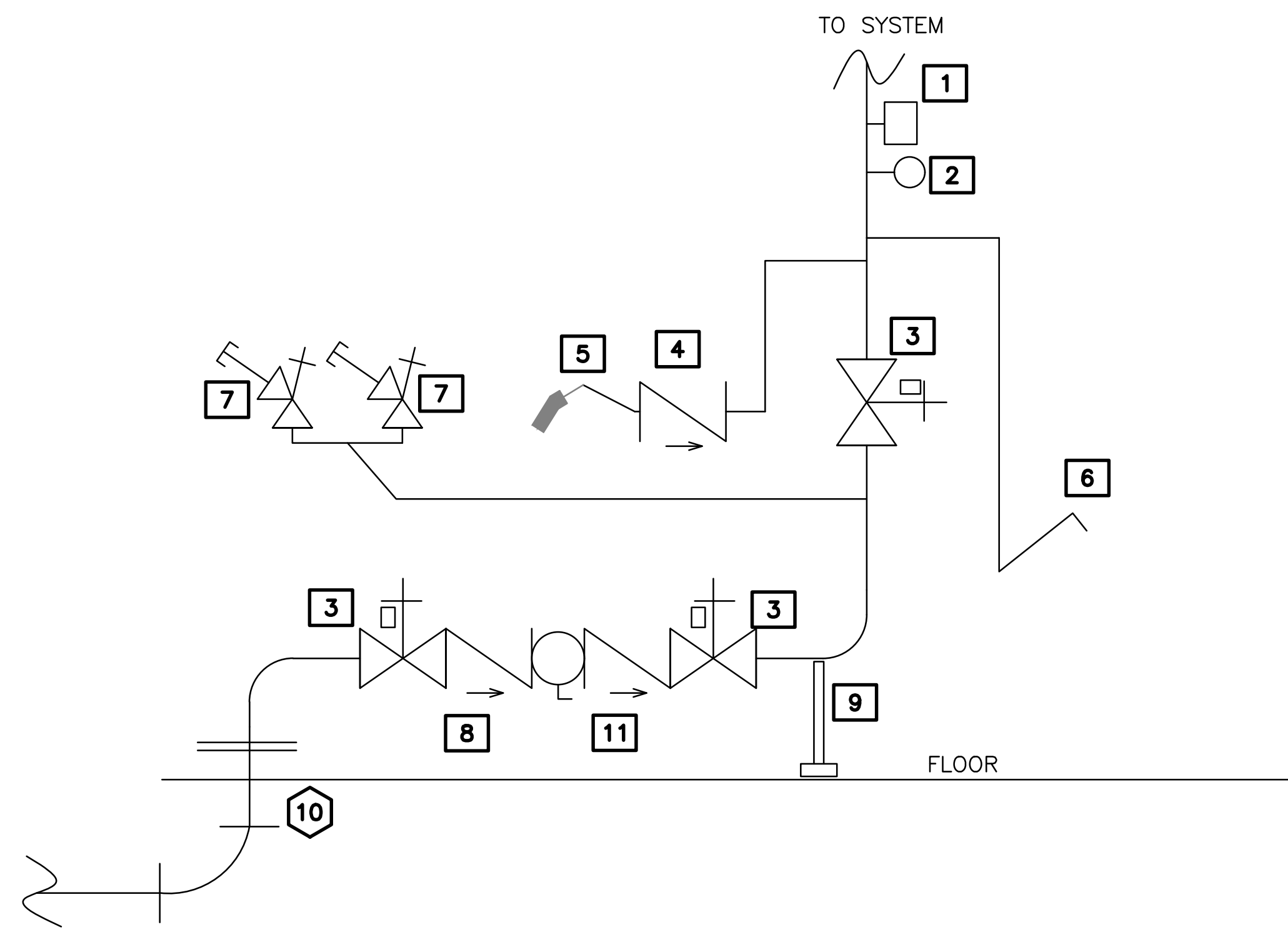
**FIRE PROTECTION REFLECTED CEILING PLAN**  
1/8" = 1'-0"  
1  
FP 2



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

 4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection & Building Code Specialists NC Firm License No: P-0296	SHEET TITLE: <b>FIRE PROTECTION REFLECTED CEILING PLAN</b>		<b>FP-2</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA
	DES: GMM DR: MEW CHK: JLL SUBMITTED BY: DESIGN DIR: APPROVED:	DATE:	
SATISFACTORY TO:	DATE:	SCALE: NOTED	SPEC: 05-18-0086 SHEET 24 OF 50

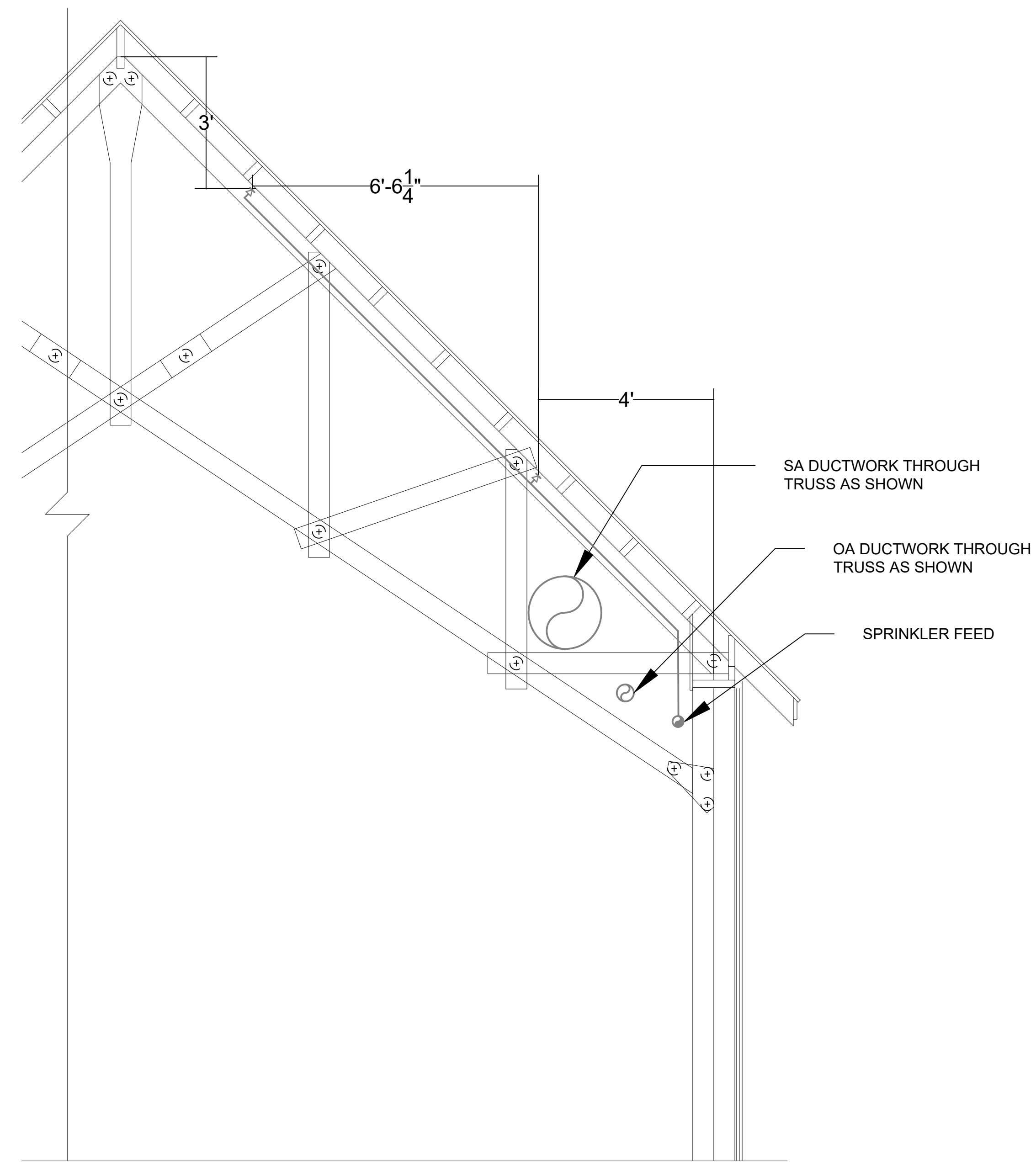
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RISER DIAGRAM

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1



SPRINKLER SECTION VIEW

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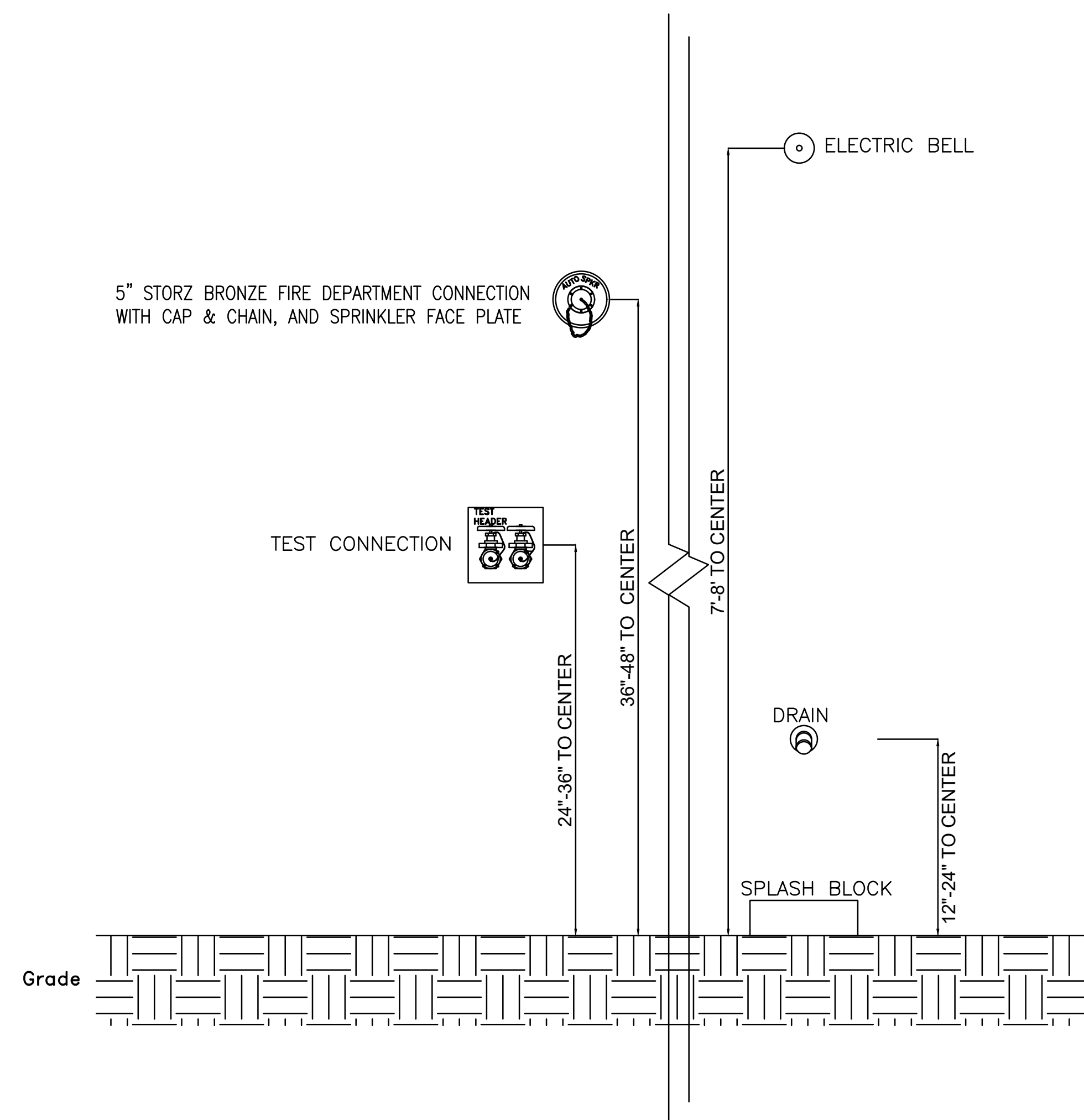
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SHEET NOTES:

1. REFERENCE FP-1 FOR NOTES AND LEGEND.
2. REFER TO FP-2 FOR FLOOR PLAN.

KEY NOTES (DETAIL 1):

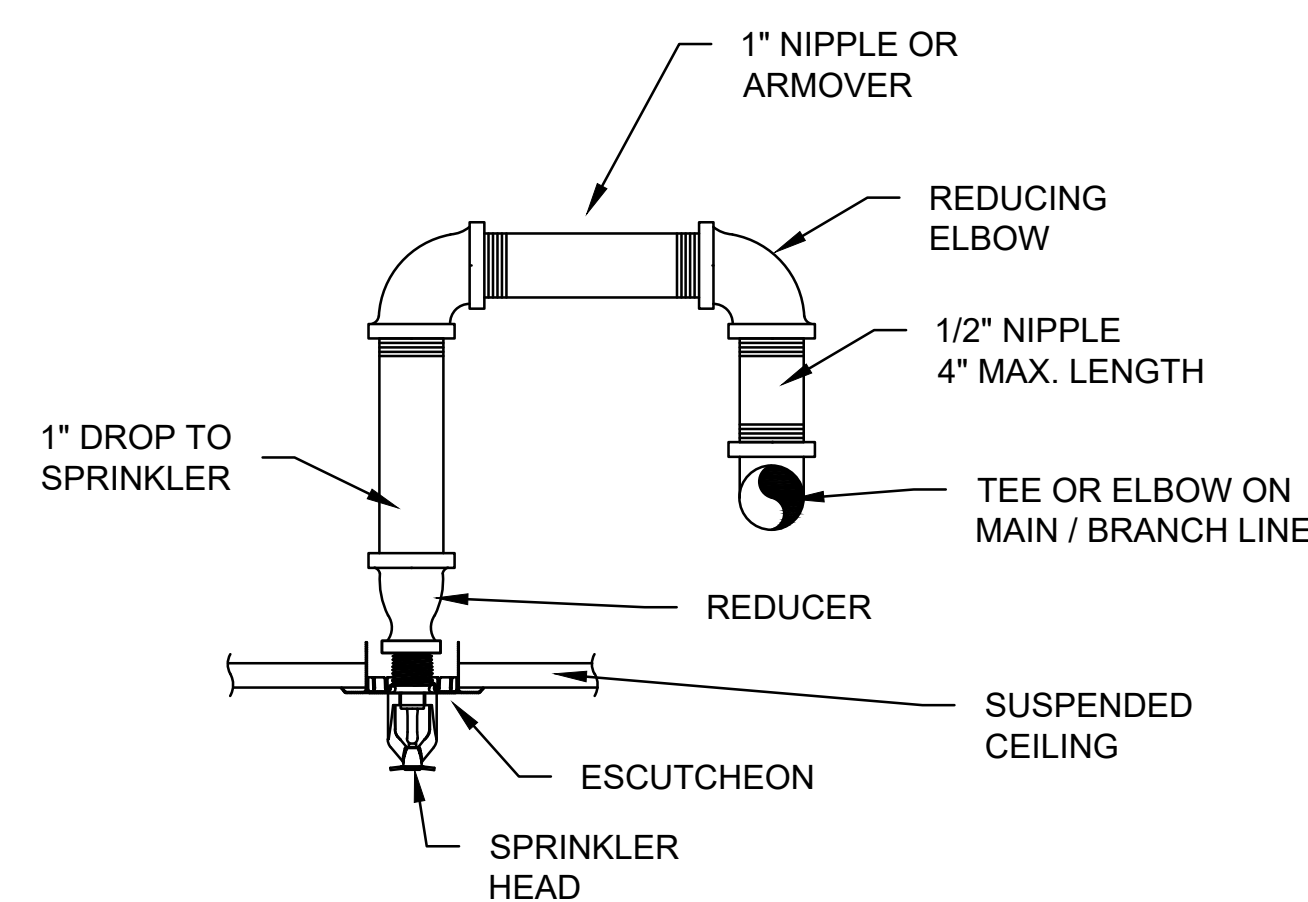
- 1 WATER FLOW SWITCH
- 2 PRESSURE GAUGE
- 3 OS&Y VALVE/ TAMPER SWITCH
- 4 CHECK VALVE
- 5 5" STORZ CONNECTION
- 6 DRAIN TO EXTERIOR
- 7 2-1/2" ANGLE TEST HEADER. ONE OUTLET PER 250GPM OF SYSTEM DEMAND.
- 8 BACKFLOW PREVENTOR
- 9 SUPPORTING STAND
- 10 6" UNDEGROUND SUPPLY WITH RETAINING RODS
- 11 AIR GAP, CUP, & DRAIN FOR RPZ SIZED PER MANUFACTURER RECOMMENDATIONS



MOUNTING HEIGHTS

NTS

2



PENDENT SPRINKLER ARMOVER

NTS

4

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<p>4405 Morris Park Dr. Suite II Mint Hill, NC 28227 Ph: 704.545.8393 Fire Protection &amp; Building Code Specialists NC Firm License No: P-0296</p>	SHEET TITLE: FIRE PROTECTION DETAILS		FP-3	
	<p>TALLEY &amp; SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150</p>		<p>DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA</p>	
	DES: GMM	<p>INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA</p>		
	DR: MEW			
	CHK: JLL			
	SUBMITTED BY:			
DESIGN DR:	DATE:	SIZE: F	CODE IDENT. NO.: 80091	NAVFAC DRAWING NO.: 60024587
SATISFACTORY TO:	DATE:	SCALE: NOTED	SPEC: 05-18-0086	SHEET 25 OF 50

REVISIONS		
SYM.	DATE	APPROVED

PLUMBING FIXTURE SCHEDULE					
DRAWING FIXTURE CODE	DESCRIPTION	NOTES	PIPE SIZE		
			DCW	DHW	WASTE
WC1	FLUSH VALVE WATER CLOSET, FLOOR MTD., 1.6GPF, ADA BOWL FLUSH VALVE SEAT 11.5" HIGH, 1.6GPF [TRAP PRIMER CONNECTION WHERE REQUIRED] 11.5" HIGH, 1.6GPF [TRAP PRIMER CONNECTION WHERE REQUIRED]	8	1"	-	2"
WC2	FLUSH VALVE WATER CLOSET, FLOOR MTD., 1.6GPF BOWL FLUSH VALVE SEAT 15" HIGH, 1.6GPF [TRAP PRIMER CONNECTION WHERE REQUIRED] 15" HIGH, 1.6GPF [TRAP PRIMER CONNECTION WHERE REQUIRED]	1	1"	-	2"
UR1	URINAL WALL HUNG, 1.0GPF ADA BOWL FLUSH VALVE 11.5 HIGH 20x18 VITREOUS CHINA, RIM 34" AFF MAX.	1	3/4"	-	2"
LAV1	LAVATORY WALL HUNG, 0.5GPM, ADA FAUCET LIMIT STOP DRAIN GRID STRAINER MIXING VALVE LEAD FREE THERMOSTATIC MIXING VALVE - SETPOINT = 90°F INSTALL ON HOT WATER SUPPLY, ASSE 1070	1,2,3,9	1/2"	1/2"	2"
LAV5	COUNTERTOP LAVATORY, 0.5GPM, ADA BOWL FAUCET LIMIT STOP DRAIN GRID STRAINER MIXING VALVE LEAD FREE THERMOSTATIC MIXING VALVE - SETPOINT = 90°F INSTALL ON HOT WATER SUPPLY, ASSE 1070	2,4,5,9	1/2"	1/2"	2"
SK1	2-COMPARTMENT COUNTERTOP SINK, 7.5" DEEP BOWL FAUCET FINISH DRAIN BASKET STRAINER	2,4,5,9	1/2"	1/2"	2"
SH1	JOB-BUILT SHOWER, ADA ENCLOSURE JOB-BUILT BY G.C. W/ GRAB BARS per ADA VALVE PRESS. BALANCED MIXING VALVE, LEVER HANDLE, DIVERTER, HEAD W/ ARM, FLANGE, WALL/HAND SHOWER, FLEXIBLE METAL HOSE, IN-LINE VAC. BREAKER, 30" SLIDE BAR, 1.5GPM DRAIN 4-3/8" DIA. NICKEL BRONZE STRAINER, PVC	1	1/2"	1/2"	2"
EW1	WALL HUNG WATER COOLER, ADA FIXT SPLIT LEVEL, S.S. TOP, LIGHT GREY BODY, BOTTLE FILLING STATION, 8 GPH @ 50/80/90, 120V/1PH, NON-FILTERED	1,11	1/2"	-	2"
EW1H	ELECTRIC WATER HEATER, 80 GAL. FIXT GLASS-LINED TANK, DUAL 4500W, 208V/1PH, NON-SIMULT. EXP TANK 10 GAL DIAPHRAGM	8	3/4"	3/4"	-
FCO	FLOOR CLEANOUT FIXT C.I. BODY, 6-1/2" TOPS, ADJUSTABLE, SCORIATED, NICKEL BRONZE TOP	-	-	-	MATCH -
GCO	GRADE CLEANOUT FIXT C.I. BODY, RECESSED BRONZE PLUG.	-	-	-	MATCH -
WCO	WALL CLEANOUT FIXT ROUND S/S ACCESS COVER & SCREW, RECESS BRONZE THRD. PLUG	-	-	-	MATCH -
FD1	FLOOR DRAIN FIXT FINISHLINE ADJUSTABLE, SCH. 40 HUB CONNECTION, ABS/PVC BASE ADAPTOR, ROUND NICKLE BRONZE STRAINER [TRAP PRIMER CONNECTION]	[7]	-	-	MATCH -
CP1	HOT WATER RECIRCULATION PUMP FIXT IN-LINE WET ROTOR, LEAD FREE BRONZE BODY, 3-SPEED, 115/180, 125W, BUILT IN THERMAL PROTECTION, 10GPM@107DH	-	-	-	MATCH -
HB1	EXTERIOR HOSE BIBB FIXT FREEZELESS, POWDER COATED, 3/4" HOSE THREAD, ANTI-SIPHON	-	3/4"	-	-
OB1	ICE MAKER BOX FIXT ABS HOUSING, 1/4 TURN BALL VALVE, CHROME PLATED BRASS, SHOCK ARRESTORS	-	1/2"	-	-
NOTES 1. PROVIDE MATCHING WALL HANGER, COORDINATE WITH G.C. FOR WALL REINFORCING. 2. PROVIDE BRASS 1-1/2" TAILPIECE, CAST BRASS SLIP JOINT P-TRAP WITH CLEANOUT, PROVIDE ADA OFFSET ARRANGEMENT WHERE REQUIRED. 3. PROVIDE ADA INSULATION KIT 4. COORDINATE WITH MILLWORK. 5. COORDINATE ADA MILLWORK ENCLOSURE FOR WATER AND DRAIN PIPING UNDER SINK. 6. TRIP LEVER OR FLUSH HANDLE TO BE LOCATED ON WIDE SIDE OF STALL OR TOILET ROOM. 7. PROVIDE TRAP PRIMER 8. FIELD ROUTE 1" DRAIN PAN DRAIN PIPING TO CLOSEST INDIRECT DRAIN OR SPILL TO GRADE. 9. PROVIDE 1/2" IPS X 3/8" OD ANGLE BRASS STOP(S) WITH RIGID COPPER RISERS. ALL EXPOSED PIPING SHALL BE CHROME PLATED. 10. PROVIDE IN-LINE CHECK VALVES FOR WATER SUPPLY LINES. 11. PROVIDE 1/2" IPS X 3/8" O.D. BRASS STOP CONCEALED BEHIND CABINET.					

GAS LOAD SCHEDULE				
FIXTURE TAG	DESCRIPTION	BTUH RATING	QUANTITY	TOTAL
PU01	PACKAGED GAS-FIRED AIR CONDITIONER	350	1	350
PU02	PACKAGED GAS-FIRED AIR CONDITIONER	60	1	60
				0
TOTAL LOAD				410
BUILDING SERVICE GAS PRESSURE				2 psig

PLUMBING ABBREVIATIONS	
(X)	EXISTING
AAV	AIR ADMITTANCE VALVE
ADA	AMERICANS WITH DISABILITIES ACT
BRZ	BRONZE
C.I.	CAST IRON
CO	CLEANOUT
CONC.	CONCRETE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
E.C.I.	ENAMELED CAST IRON
EW1	ELECTRIC WATER COOLER
EW1H	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GA	GAUGE
GAL	GALLON
GCO	GRADE CLEANOUT
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GW1	GAS-FIRED WATER HEATER
HB	HOSE BIBB
INCL.	INCLUDED
LAV	LAVATORY
LP	LIQUID PROPANE
MS	MOP SERVICE BASIN
NAT.	NATURAL GAS
NKL.	NICKEL
NON SIMULT.	NON SIMULTANEOUS
O.F.L.C.	OPEN FRONT LESS COVER
OB	OUTLET BOX
OC	ON CENTER
PRESS. BAL.	PRESSURE BALANCED
RCVY.	RECOVERY
SA	WATER HAMMER ARRESTOR
SH	SHOWER
SK	SINK
SLD.	SLIDE
SS	STAINLESS STEEL
TDH	TOTAL DYNAMIC HEAD
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VC	VITREOUS CHINA
VR	VANDAL RESISTANT
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WALL HYDRANT

NOTE: ALL ABBREVIATIONS MAY NOT BE USED IN PROJECT.

PLUMBING LOADS	
WASTE (DRAINAGE FIXTURE UNITS)	25.5
WATER	50 GPM

PLUMBING LEGEND	
	DOMESTIC 140°F WATER PIPING
	DOMESTIC 140°F RETURN WATER PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER CIRCULATION PIPING
	DOMESTIC HOT WATER PIPING
	GAS PIPING (NAT. OR LP)
	SANITARY VENT PIPING
	SANITARY WASTE PIPING
	BACKFLOW PREVENTION DEVICE
	BALL VALVE
	CHECK VALVE
	CIRCUIT SETTER (BALANCING VALVE)
	CIRCULATION PUMP
	EXTENT OF DEMOLITION
	FLOOR CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	GAS-REGULATOR VALVE
	SHUT OFF VALVE IN RISER
	GRADE CLEANOUT
	HOSE BIBB
	PIPE CAP
	PIPE ELBOW
	PIPE ELBOW DOWN
	PIPE ELBOW UP
	PIPE TEE
	PIPE TEE DOWN
	PIPE TEE UP
	DEMOLITION KEYED NOTE TAG
	NEW WORK KEYED NOTE
	POINT OF CONNECTION - NEW TO EXISTING
	PRESSURE REDUCING VALVE
	THERMOSTATIC MIXING VALVE
	WALL CLEANOUT
	WALL HYDRANT
	WASHING MACHINE BOX
	WATER HAMMER ARRESTOR

NOTE: ALL ITEMS LISTED IN THIS SCHEDULE MAY NOT BE USED IN PROJECT.

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

 2246 Yasupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com	SHEET TITLE: ABBREVIATIONS, LEGEND SCHEDULES AND LOADS	<b>P-1</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150	DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA
DES. JBS DR. JBS CHK. TOG SUBMITTED BY: DESIGN DIR. T H BURTON, PE	INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA	
APPROVED: [Signature] DATE: 6/21/19	DATE: [Blank] SIZE: F CODE IDENT. NO.: 80091	NAVFAC DRAWING NO.: 60024588 CONST. CONTR. NO.: N40085-18-B-0086
SATISFACTORY TO: [Blank]	DATE: [Blank]	SCALE: NOTED SPEC: 05-18-0086 SHEET 26 OF 50

REVISIONS		
SYM.	DATE	APPROVED

**DEMOLITION KEYED NOTES**

1 REMOVE ALL PLUMBING FIXTURES INCLUDING WASTE, VENT AND DOMESTIC WATER PIPING AND ALL ACCESSORIES IN ENTIRETY. RECYCLE SCRAP METAL AS PART OF DEMOLITION AND DECONSTRUCTION OPERATIONS.



1 DEMOLITION FLOOR PLAN  
 3/16" = 1'-0"  
 PLAN NORTH

SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<b>CBHF</b> Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5288 www.cbhfenr.com	SHEET TITLE: <b>PLUMBING DEMOLITION FLOOR PLAN</b>		<b>P-2</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 408 EAST MARION ST. SHELBY, NC 28150		
	DES. JBS	<b>INTERIOR AND EXTERIOR REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA	
	DR. JBS		
	CHK. TOG		
	SUBMITTED BY:		
DESIGN DR. T H BURTON, PE	APPROVED:	DATE:	SIZE: F CODE IDENT. NO.: 80091 NAWFAC DRAWING NO.: 60024589
SATISFACTORY TO:	DATE:	SCALE: NOTED	CONST. CONTR. NO.: N40085-18-B-0086 SPEC: 05-18-0086 SHEET 27 OF 50

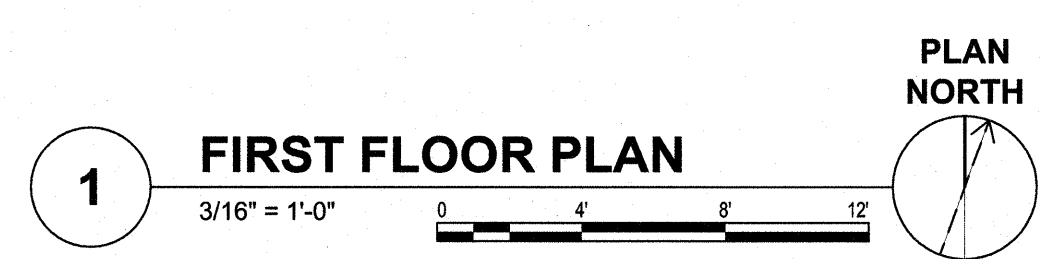
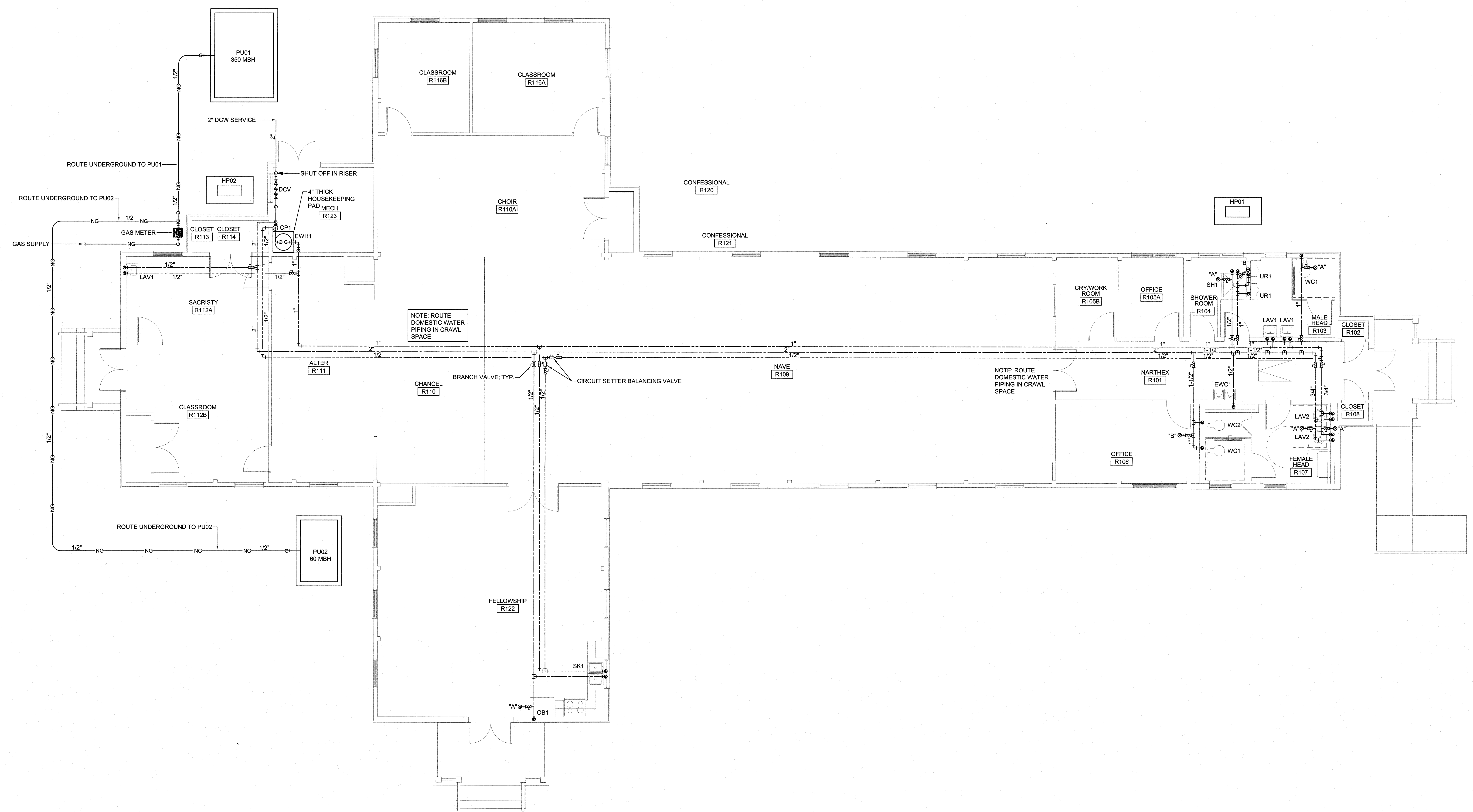
REVISIONS		
SYM.	DATE	APPROVED



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<b>CBHF</b> Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfengineers.com	SHEET TITLE: <b>PLUMBING WASTE-VENT PLAN</b>		<b>P-3</b>	
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150			DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA
	DES. JBS DR. JBS CHK. TOG SUBMITTED BY: DESIGN DIR. T H BURTON, PE	INTERIOR AND EXTERIOR REPAIRS BLDG. M116 CAMP LEJEUNE, NORTH CAROLINA		
	APPROVED: _____ DATE: _____	SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b>	NAWAC DRAWING NO. 60024590 CONST. CONTR. NO. N40085-18-B-0086	
	SATISFACTORY TO: _____ DATE: _____	SCALE: NOTED SPEC: 05-18-0086	SHEET 28 OF 50	
	TROY O. GRADY 04/21/19			

REVISIONS		
SYM.	DATE	APPROVED



SEE DISCLOSURE OF INFORMATION STATEMENT ON SHEET T-1

<b>CBHF</b> Engineers, PLLC 2246 Yaupon Drive Wilmington, NC 28401 Phone: 910.791.4000 Fax: 910.791.5266 www.cbhfindesign.com	SHEET TITLE: <b>PLUMBING DOMESTIC WATER PLAN</b>		<b>P-4</b>
	TALLEY & SMITH ARCHITECTURE INC. P.O. BOX 518 SHELBY, NC 28151-0518 409 EAST MARION ST. SHELBY, NC 28150		
	DEPARTMENT OF THE NAVY <b>MARINE CORPS BASE</b> CAMP LEJEUNE, NORTH CAROLINA		<b>INTERIOR AND EXTERIOR REPAIRS BLDG. M116</b> CAMP LEJEUNE, NORTH CAROLINA
	DES. JBS DR. JBS CHK. TOG SUBMITTED BY: DESIGN DIR. T H BURTON, PE		
APPROVED: _____ DATE: _____ SATISFACTORY TO: _____ DATE: _____		SIZE: <b>F</b> CODE IDENT. NO.: <b>80091</b> NAVFAC DRAWING NO.: 60024591 CONST. CONTR. NO.: N40085-18-B-0086 SCALE: NOTED SPEC: 05-18-0086	SHEET 29 OF 50