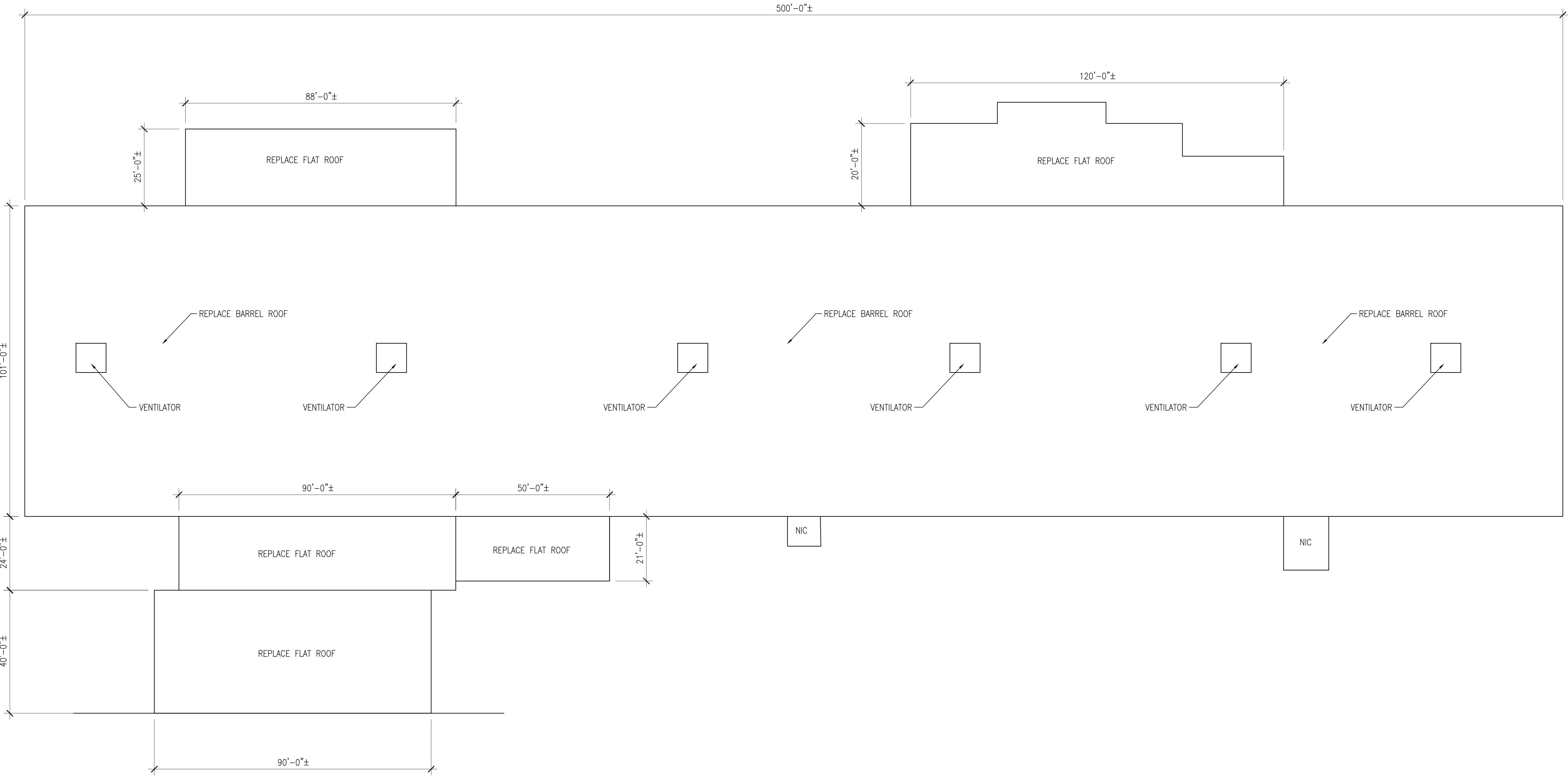


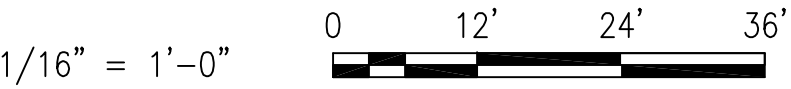


ROOF PLAN

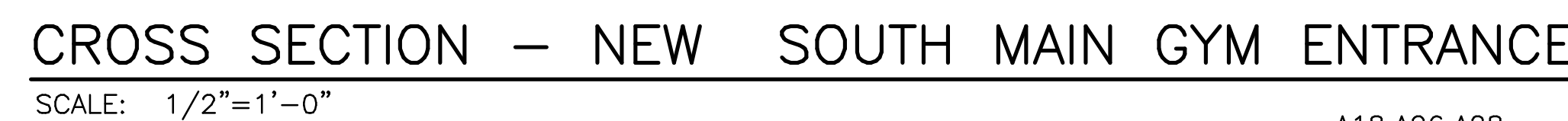
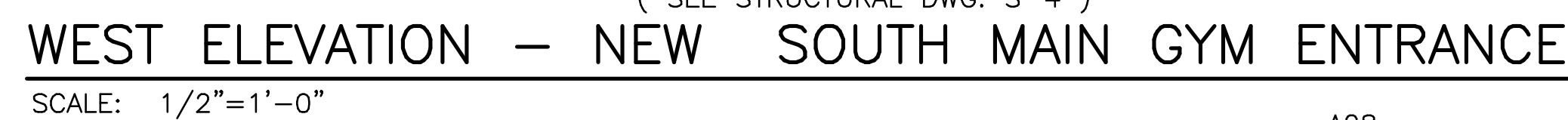
SCALE: 1/16" = 1'-0"

NAVFAC MID-ATLANTIC, LITTLE CREEK
JOINT EXPEDITIONARY BASE – LITTLE CREEK
BUILDING 3417 ROCKWELL HALL

NOTE:
1. REPLACE SINGLE PLY ROOFING SYSTEM ON GYM BARREL ROOF
AND FLAT ROOFS AS SHOWN.

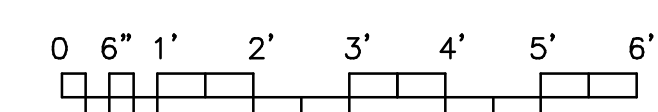
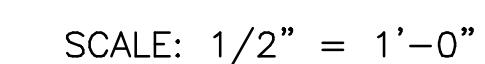
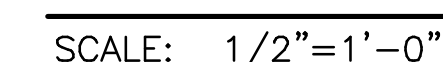
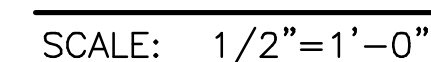


1. SEE DWG. A-75 FOR A LIST OF NEW INTERIOR FINISHES,& COLOR NOTES, AND A-14 FOR NEW EXTERIOR FINISHES.
2. SEE DWG. A-18 FOR ARCHITECTURAL PLAN OF NEW ENTRANCE ADDITION.
3. SEE DWG. S-4 FOR STRUCTURAL PLAN & DETAILS OF NEW ENTRANCE ADDITION.
4. PROVIDE 16 OZ. LEAD-COATED COPPER SHEET WITH 1"INTERLOCKING FLAT-LOCKED SEAMS ANCHORED BY HIDDEN LEAD-COATED COPPER CLEATS FOR CONTINUOUS ROOF RUNNER BASE FLASHING,AND COUNTER-FLASHING THAT EXTENDS UP UNDER PREFINISHED METAL COPING.

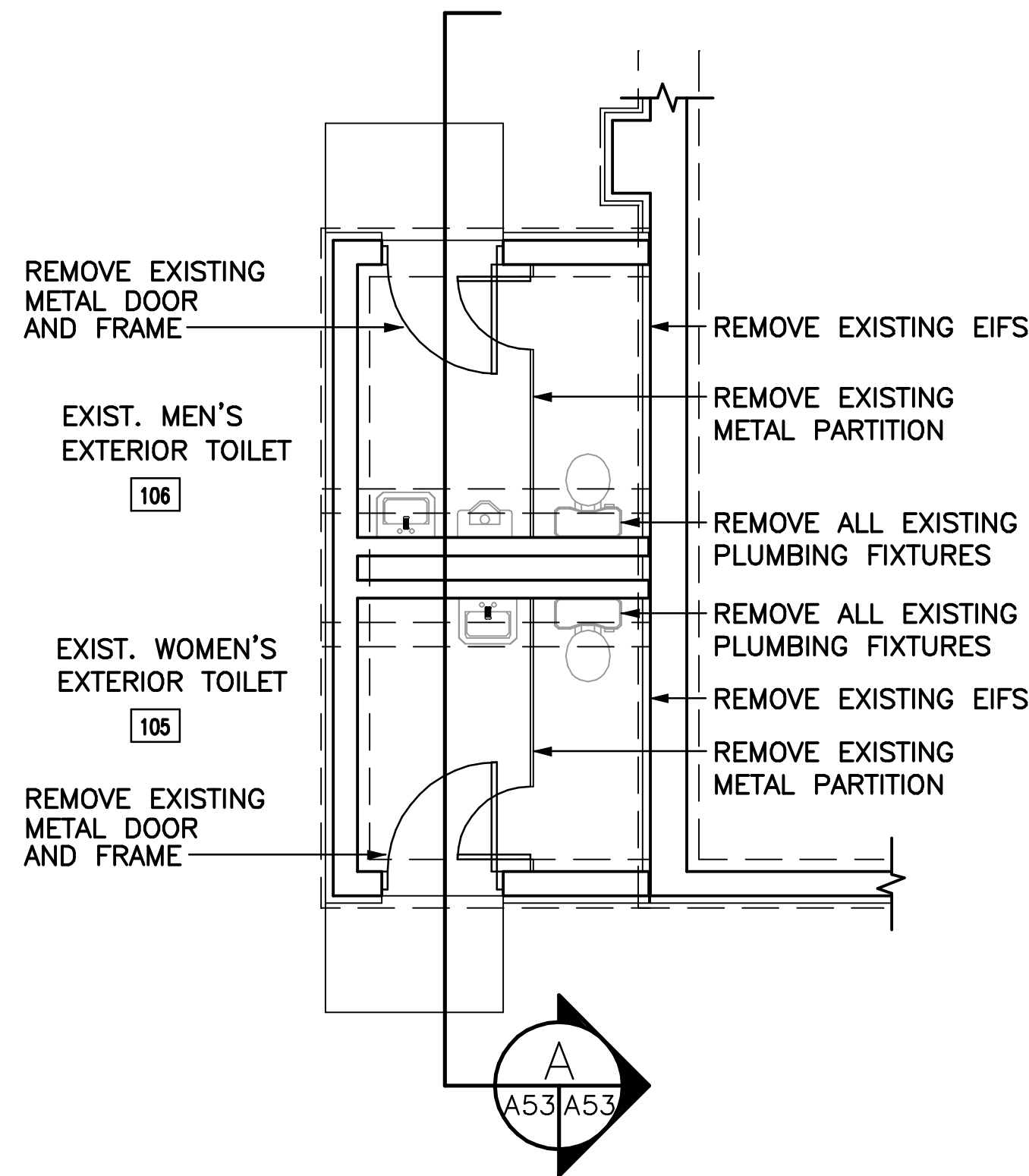


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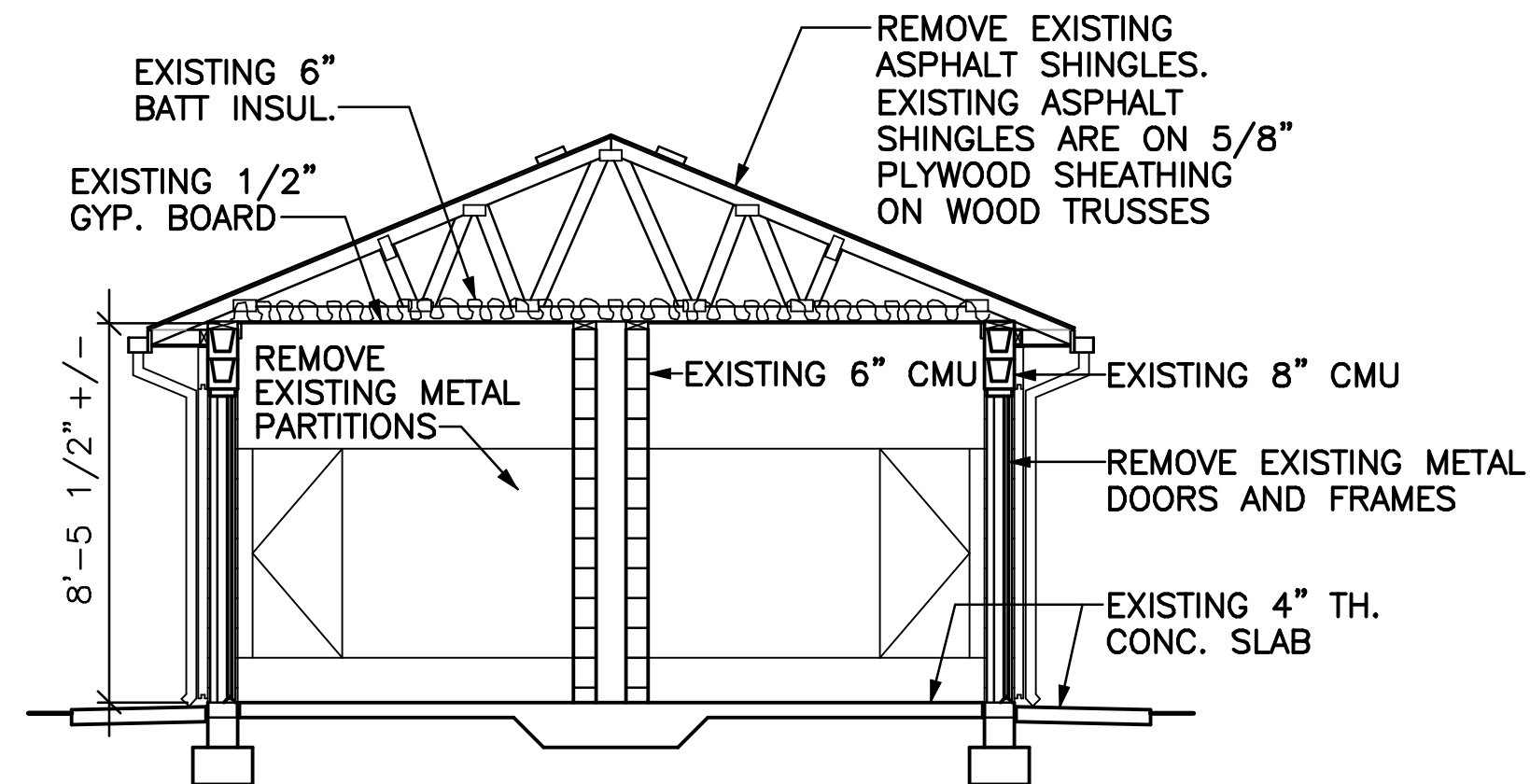
1. SEE DWG. A-75 FOR NEW INTERIOR FINISHES, A-14 FOR NEW EXTERIOR FINISHES.
2. SEE DWG. A-18 FOR ARCHITECTURAL PLAN OF NEW ENTRANCE ADDITION.
3. SEE DWG. S-4 FOR STRUCTURAL PLAN & DETAILS OF NEW ADDITION.



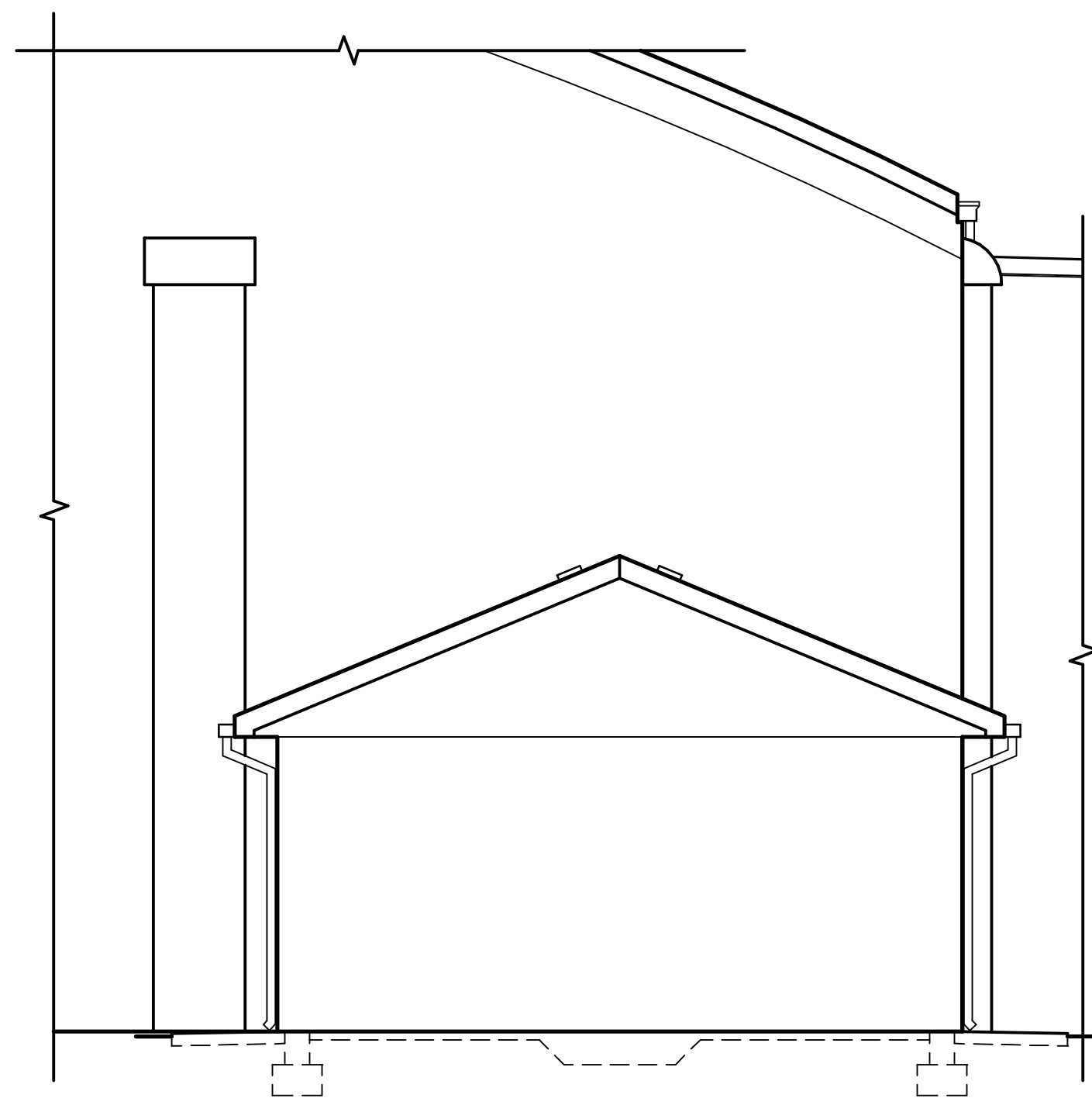
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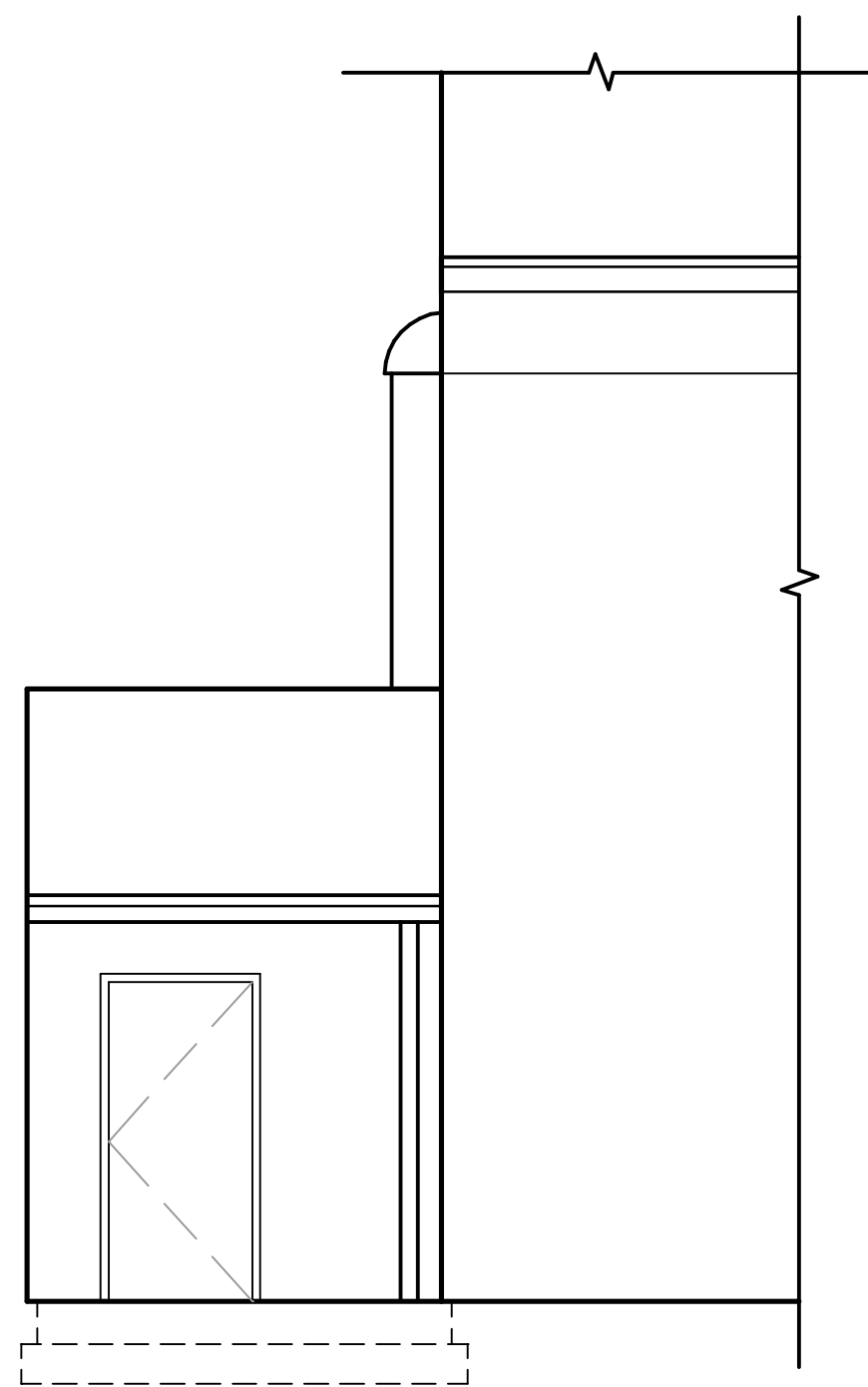
F EXISTING FLOOR PLAN
SCALE: 1/4" = 1'-0"



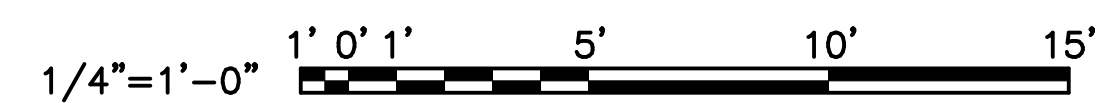
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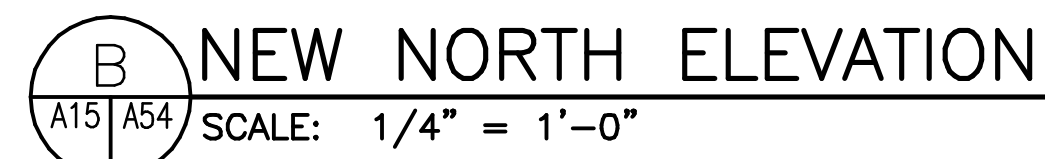
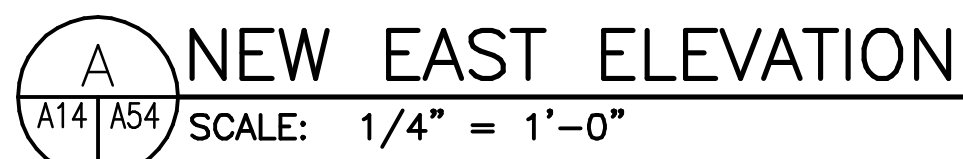
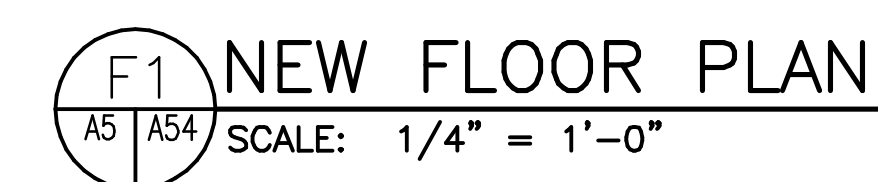
A EXISTING EAST ELEVATION
SCALE: 1/4" = 1'-0"



B EXISTING NORTH ELEVATION
SCALE: 1/4" = 1'-0"



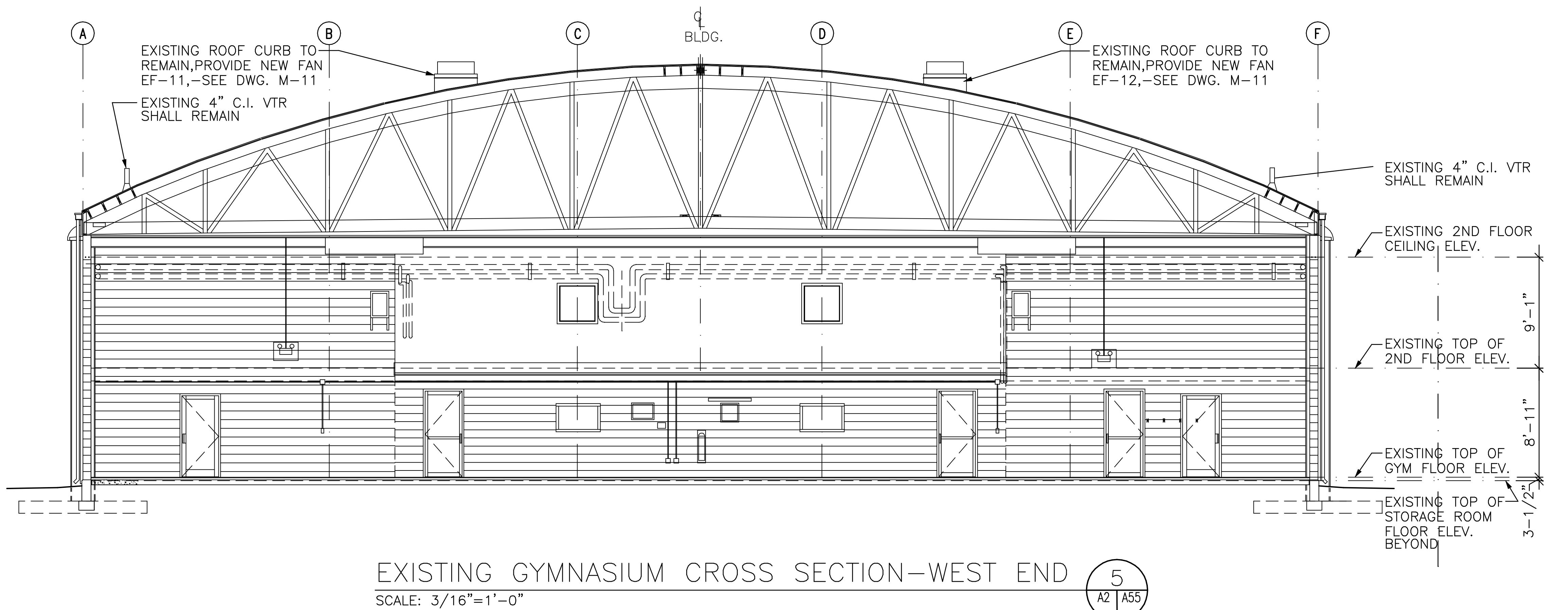
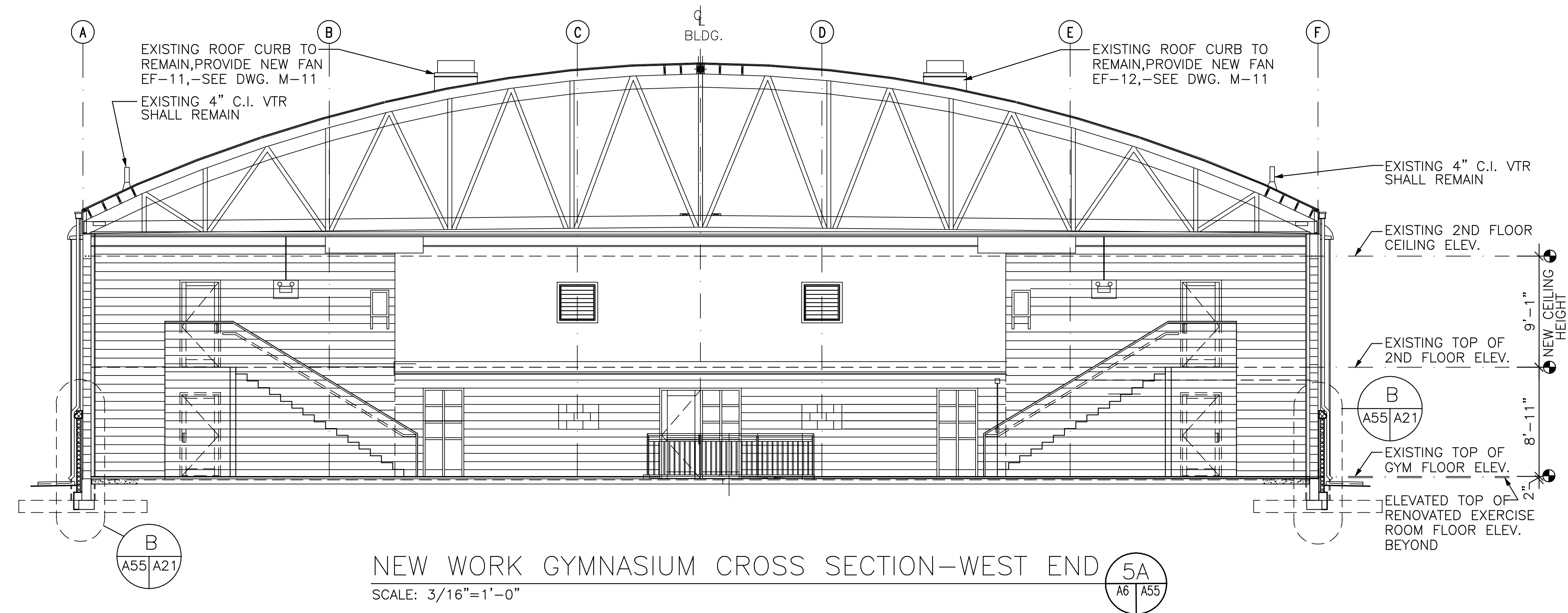
DESIGNED & ENGINEERED BY: LANTIDIV NAVAL FACILITIES ENGINEERING COMMAND		DESIGN: RCA DRAWN: JMA REVIEW: TLD CHECK: BGR PROJECT MANAGER: JTB FIRE PROTECTION: JTB QUALITY CONTROL: JTB BRANCH MANAGER: JTB DESIGN DIRECTOR: JTB		REVISIONS	
APPROVED: [Signature] DATE: [Date]		APPROVED: [Signature] DATE: [Date]		APPROVED: [Signature] DATE: [Date]	
ACTIVITY - SATISFACTORY TO DATE		ACTIVITY - SATISFACTORY TO DATE		ACTIVITY - SATISFACTORY TO DATE	
FOR THE COMMANDER, NAFAC		FOR THE COMMANDER, NAFAC		FOR THE COMMANDER, NAFAC	
NAVAL FACILITIES ENGINEERING COMMAND NORFOLK, VIRGINIA		ATLANTIC DIVISION NORFOLK, VIRGINIA		RENOVATIONS TO GYMNASIUM BUILDING 3147	
NAVAL STATION N.A.B. LITTLE CREEK		EXISTING EAST PUBLIC REST ROOMS		A-53	
CODE ID: NO. 80091		SIZE: D		SHEET 34 OF 119	
SCALE: AS NOTED		EFD NO. 468459		STA. PROJ. NO. R-234	
SPEC. NO. 05-95-5105		CONSTR. CONTR. NO. N62470-95-B-5105		NAVFAC DRAWING NO. 4368459	
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XREFS: NONE		A		B	
C		D		E	



NOTE: THIS SCHEDULE IS NOT PROPRIETARY – APPROVED EQUALS ARE ACCEPTABLE.



DEPARTMENT OF THE NAVY					
NAVAL STATION		ATLANTIC DIVISION		NAVAL FACILITIES ENGINEERING COMMAND	
N.A.B. LITTLE CREEK		VIRGINIA BEACH, VIRGINIA			
RENOVATIONS TO GYMNASIUM BUILDING 3147					
NEW WORK EAST PUBLIC REST ROOMS					
CODE ID. NO. 80091		SCALE: AS NOTED		EFTD NO. 468460	
STA. PROJ. NO. R-234		SPEC. NO. 05-95-5105		CONSTR. CONTR. NO. N62470-95-B-5105	
NAVFAF DRAWING NO. 4368460		SIZE			
SHEET 35	OF 119	A-54			



SCALE 3/16" = 1'-0" 0 6" 1' 2' 5' 10'

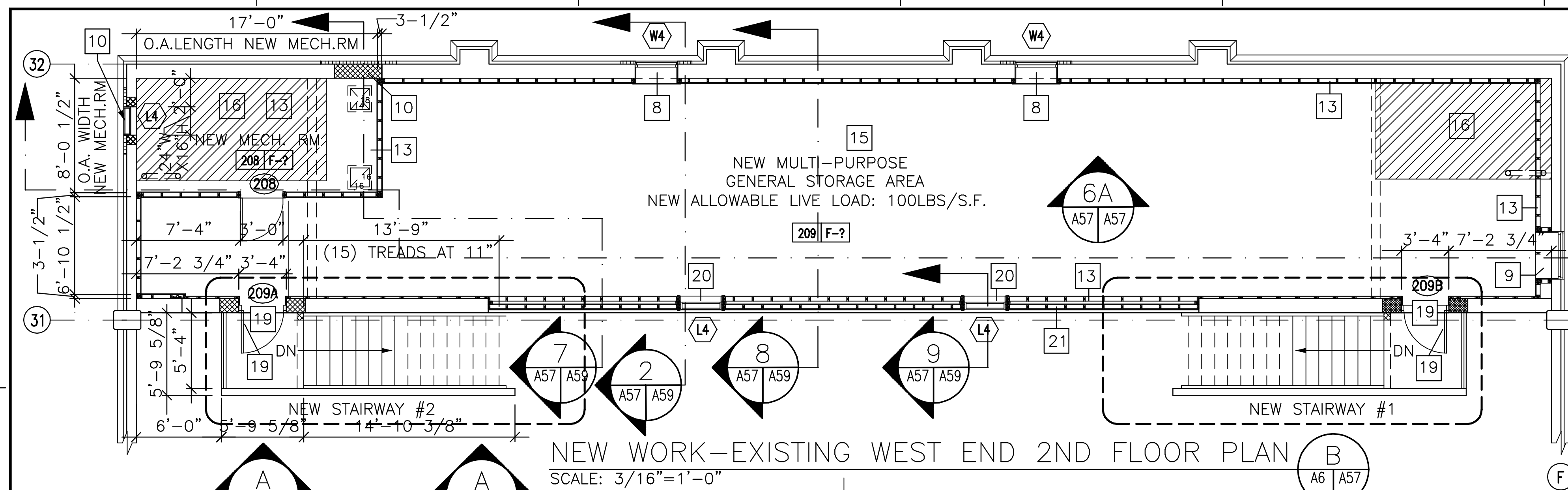
DESIGNED & ENGINEERED BY:		DESIGN		REVISIONS	
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APPROVED		PROJECT MANAGER		DATE	
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FOR THE COMMANDER		BRANCH MANAGER		DATE	
NAVAL FACILITIES ENGINEERING COMMAND		DESIGN		DATE	
ATLANTIC DIVISION		NAVAL FACILITIES ENGINEERING COMMAND		DATE	
N.A.B. LITTLE CREEK		NAVAL FACILITIES ENGINEERING COMMAND		DATE	
RENOVATIONS TO GYMNASIUM		NAVAL FACILITIES ENGINEERING COMMAND		DATE	
BUILDING 3147		NAVAL FACILITIES ENGINEERING COMMAND		DATE	
EXIST. & NEW GYM CROSS SECTIONS—WEST END		NAVAL FACILITIES ENGINEERING COMMAND		DATE	
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A-55					



- SCALE 3/16" = 1'-0" 

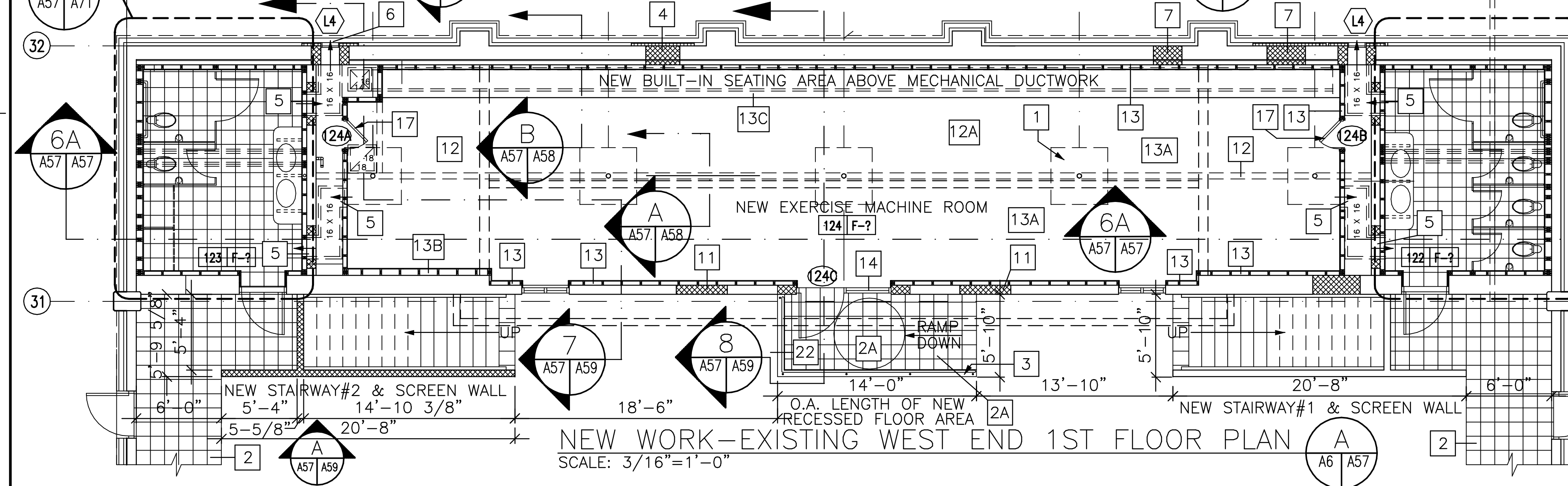
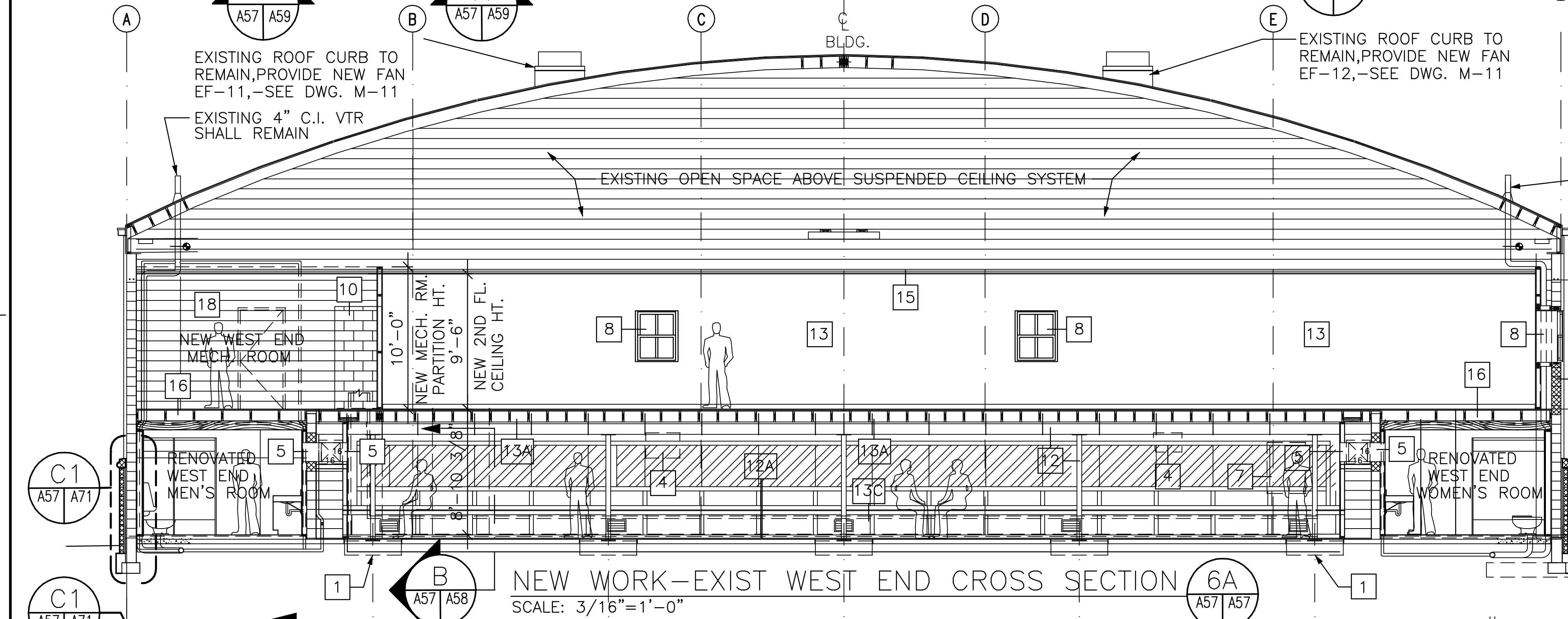
A — **B**

FILENAME: 5105A56.DWG, PLOT SCALE: 3/16" = 1'-0", SAVED ON 01/08/98 AT 13:48, XREFS: NONE



GENERAL NEW WORK NOTES (FOR DWGS A57,A58,A59 ONLY)

- 1 PROVIDE NEW 12" DEEP X 4'-0" SQUARE COLUMN FOUNDATIONS REINFORCED W/(4) #4 BARS EACH WAY 3" FROM BOTTOM OF FOUNDATION. TOP OF NEW FOUNDATION SHALL BE 1 1/2"± BELOW TOP OF EXISTING FINISH FLOOR ELEVATION
- 2 PROVIDE 1"W X 2 1/2" H X CONTINUOUS BAND OF MAPLE TRIM AND CONTINUOUS 2X BACKUP EDGE BLOCKING AT EDGES OF NEW OPENINGS IN GYM FLOOR FROM DEMOLITION. ALSO PROVIDE NEW 12"x 12" PAVER TILE FLOORING ON NEW SETTING BED. TOP OF NEW PAVER TILE SHALL BE FLUSH WHERE NEW WORK MEETS ADJACENT MAPLE TRIM, AND SHALL HAVE A 1/2" MINIMUM COMNTINUOUS ELASTOMERIC SEALANT JOINT AT PERIMETER OF NEW PAVER TILE WORK PER DETAIL E/A59.
- 2A PROVIDE NEW MAPLE EDGE BAND AT FLOOR OPENING PER NOTE (2) ABOVE. PROVIDE NEW 12"x 12" PAVER TILE ON THINSET AT ALL LOWER FLAT AREAS OF NEW WORK. PROVIDE NEW PAVER TILE ON A NEW TAPERED SETTING BED AT NEW 4' WIDE RAMP AREA AND 1' WIDE FLAT AREA AT TOP OF RAMP
- 3 PROVIDE NEW 3'-6" HIGH 1 1/2" NOMINAL CONTINUOUS STEEL PIPE QUARD RAIL AND (5) POSTS WITH 1" SQUARE PICKETS @ 5" O.C. MAXIMUM BETWEEN POSTS. BOTTOM OF POSTS AND PICKETS SHALL BE SHOP WELDED TO TS 4"x 6"x 3/16" BASE MEMBER. PROVIDE (5) 1/2" DIAMETER ALL THREAD EPOXY CONTINUOUS ANCHOR BOLTS EMBEDDED 4" MINIMUM INTO EXISTING 5" CONCRETE FLOOR SLAB. CUT TOP OF THREADED ROD FLUSH WITH NUTS AFTER INSTALLATION
- 4 PROVIDE NEW 4" CMU TO BLOCK UP EXISTING INTERIOR WALL OPENINGS
- 5 PROVIDE NEW 8" CMU TOOTHED INTO EXISTING WORK TO PROVIDE CLEAR 16"x 16" OPENINGS INTO EXISTING MEN'S AND WOMEN'S RESTROOMS, (4) LOCATIONS. ALSO PROVIDE NEW 16"x 16" GRILLES PAINTED TO MATCH WALL FINISHES



- PROVIDE NEW 4" AND 12" CMU TO BLOCK UP FORMER A/C, DOOR, OR WINDOW OPENINGS IN ROOM 124. ALSO PROVIDE NEW 2 1/2" EIFS SYSTEM WORK A MINIMUM OF 12" WIDE AT PERIMETER BEYOND BLOCKED UP OPENING WHERE NEW EXTERIOR MASONRY VENEER WORK DOES NOT OCCUR

PROVIDE (2) NEW PREFINISHED WINDOWS IN EXISTING WEST WALL OPENINGS OF ROOM 209, AND (1) NEW WINDOW IN NORTH WALL OF RM 209 AT FORMER EXISTING DOOR LOCATION

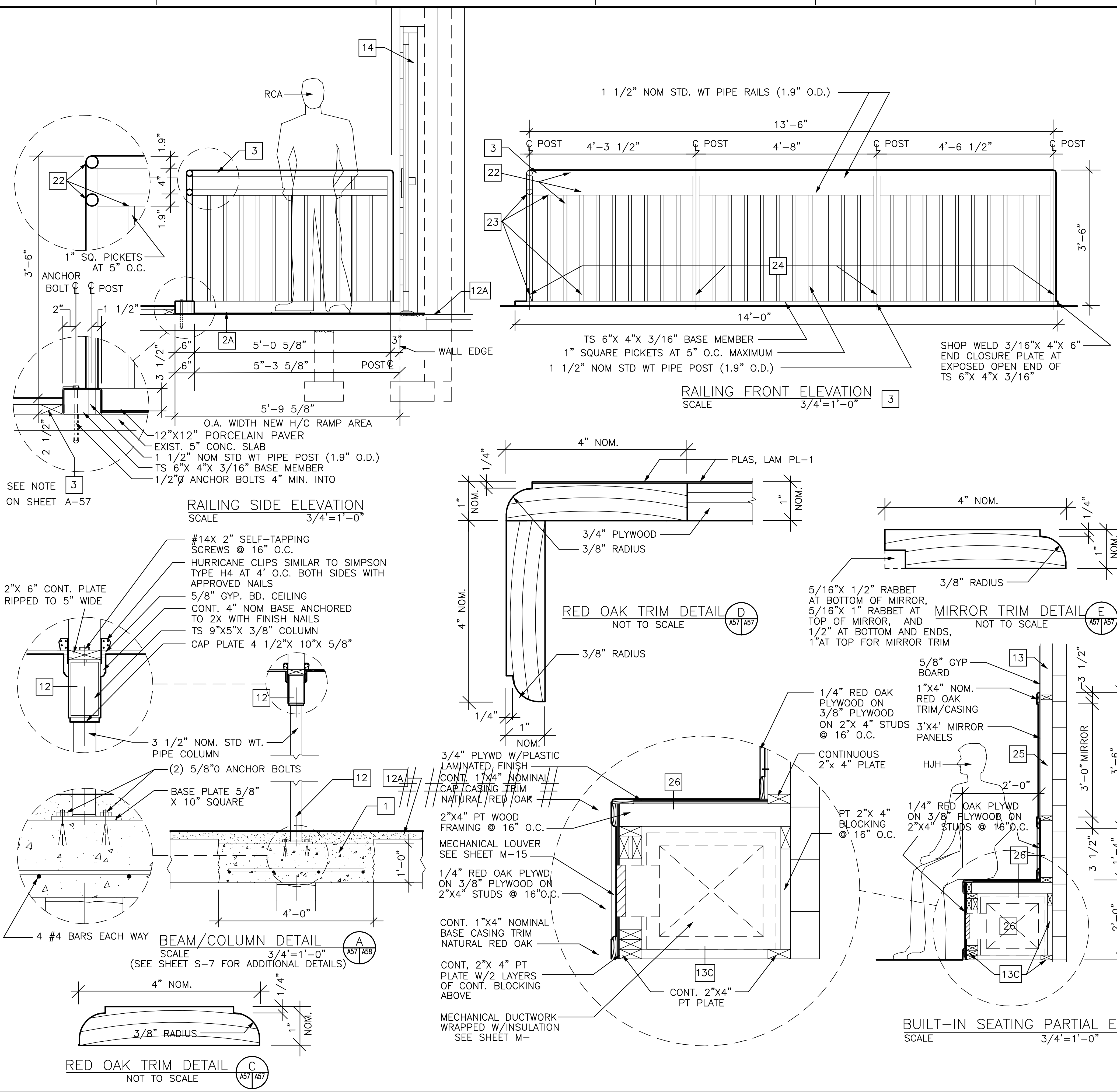
PROVIDE NEW 8" CMU (5) COURSES HIGH IN EXISTING 3'-4" WIDE OPENING BELOW NEW WINDOW IN NOTE (8) ABOVE. ALSO PROVIDE NEW 2 1/2" EIFS SYSTEM WORK A MINIMUM OF 12" WIDE AT PERIMETER BEYOND ADJACENT NEW BLOCKED UP OPENING TO MATCH ADJACENT EIFS WORK

SAME AS NOTE (9) ABOVE, BUT HAS 12" CMU INFILL, AND AREA IS 3'-4" X 7'-2" H X 12" THICK. ALSO PROVIDE NEW 2 1/2" EIFS SYSTEM, ETC, 12" WIDE AT PERIMETER OF BLOCKED UP OPENING

PROVIDE NEW 8" CMU INFILL IN FORMER (2) VIEW WINDOW LOCATIONS. EACH AREA IS APPROXIMATELY 24" H X 40" WIDE

PROVIDE NEW CONTINUOUS STEEL SUPPORT BEAM APPROXIMATELY 74'-3" FABRICATED FROM TS 9"x5"x3/8" SUPPORTED BY (5) 3 1/2" NOMINAL STEEL PIPE COLUMNS, EACH HAVING 10" X 10" X 5/8" BASE PLATES AND (2) 5/8" Ø ANCHOR BOLTS PER BASE PLATE, AND 4 1/2" X 10" X 5/8" CAP PLATE FIELD CONTINUOUS FILLET WELDED OR BOLTED TO BOTTOM OF TS BEAM

PROVIDE NEW 2 1/2" NOMINAL SELF-LEVELING CEMENTITIOUS FLOOR TOPPING THROUGHOUT ROOM 124 AFTER NEW COLUMNS AND CENTER BEAM ARE INSTALLED SO THAT FINISH FLOOR OF ROOM 124 MATCHES NEW DEPRESSED ENTRANCE FINISH FLOOR ELEVATION AT DOOR 124C, AND DEPRESSED AREA ABOVE NEW COLUMN FOUNDATIONS ARE COMPLETELY FILLED AND LEVEL.



GENERAL NEW WORK NOTES (CONT. FROM SHT A-57)

13 PROVIDE NEW 3 1/2" WOOD STUD FURRING 8'+ HIGH @ 16" O.C. THROUGHOUT ROOM 124, AND 10' HIGH THROUGHOUT ROOM 209 WITH 5/8" TYPE GYPSUM BOARD THROUGHOUT ALL EXPOSED NEW FURRED AREAS, INCLUDING THE INTERIOR SIDE OF NEW MECHANICAL ROOM 208.

13A PROVIDE NEW 5/8" GYPSUM BOARD CEILING IN ROOM 124.

13B PROVIDE 5 1/2" FURRING/ 5/8" GYPSUM BOARD AT 10'-6"± WALL OF ROOM 124

13C PROVIDE NEW 3 1/2" WOOD FRAMING, BLOCKING, AND TRIM CONTINUOUS AROUND NEW FLOOR MOUNTED MECHANICAL SUPPLY DUCT.

14 PROVIDE NEW PREFINISHED STOREFRONT DOOR #124C AND GLAZED SIDE PANELS THAT ARE 7'-4 1/2"H X 6'-8" WIDE X 4 1/2" DEEP, ALSO PROVIDE NEW LINTELS ABOVE COMPOSED OF (2) L 3/8" X 4" X 6" X 8'-0" LONG, WITH NEW 4" NOMINAL X 8" HIGH CMU ON EACH SIDE OF NEW LINTEL TO COURSE IN WITH EXISTING ADJACENT WORK. GROUT IN NEW CMU ADJACENT TO JAMBS SOLID WITH MORTAR FROM INTERIOR SIDE OF ROOM 124, SO NEW FURRING AND GYPSUM BOARD WILL CONCEAL NEW CMU WORK AT JAMBS

15 PROVIDE NEW SUSPENDED CEILING SYSTEM 9'-1" AFF IN ROOM 209, HAVING A 2' SQUARE GRID, AND 2' SQUARE X 5/8" LAY-IN TILES. SEE E-16 FOR NEW LIGHTING, AND M-15 FOR NEW MECHANICAL WORK

16 PROVIDE (1) 3/4" AND (1) 3/8" ADDITIONAL NEW LAYERS OF FLOOR SHEATHING OVER EXISTING SINGLE 3/4" LAYER OF SHEATHING TO MATCH EXISTING ADJACENT FINISH FLOOR ELEVATION

17 PROVIDE (2) NEW 3 1/2"X 8'± HIGH WOOD STUD PARTITIONS WITH 5/8" TYPE "X" GYPSUM BOARD ON EXPOSED SIDE, EACH HAVING A 2'-0"X 6'-8" ALUMINUM DOOR WITH HOLLOW METAL FRAME AT EACH END OF ROOM 124

18 PROVIDE NEW DOOR #208 IN NEW MECHANICAL ROOM PARTITIONS FRAMED FROM 3 1/2" WOOD STUDS @ 16" O.C. X 10' HIGH WITH 5/8" TYPE "X" GYPSUM BOARD ON BOTH SIDES

19 PROVIDE NEW DOORS 209A, 209B AND FRAMES, AND NEW 12" CMU BOND BEAM LINTELS ABOVE DOORS

DEPARTMENT OF THE NAVY
NAVAL STATION
N.A.B. LITTLE CREEK
VIRGINIA BEACH, VIRGINIA
RENOVATIONS TO GYMNASIUM
BUILDING 3147
MISC. NEW WORK DETAILS-WEST END

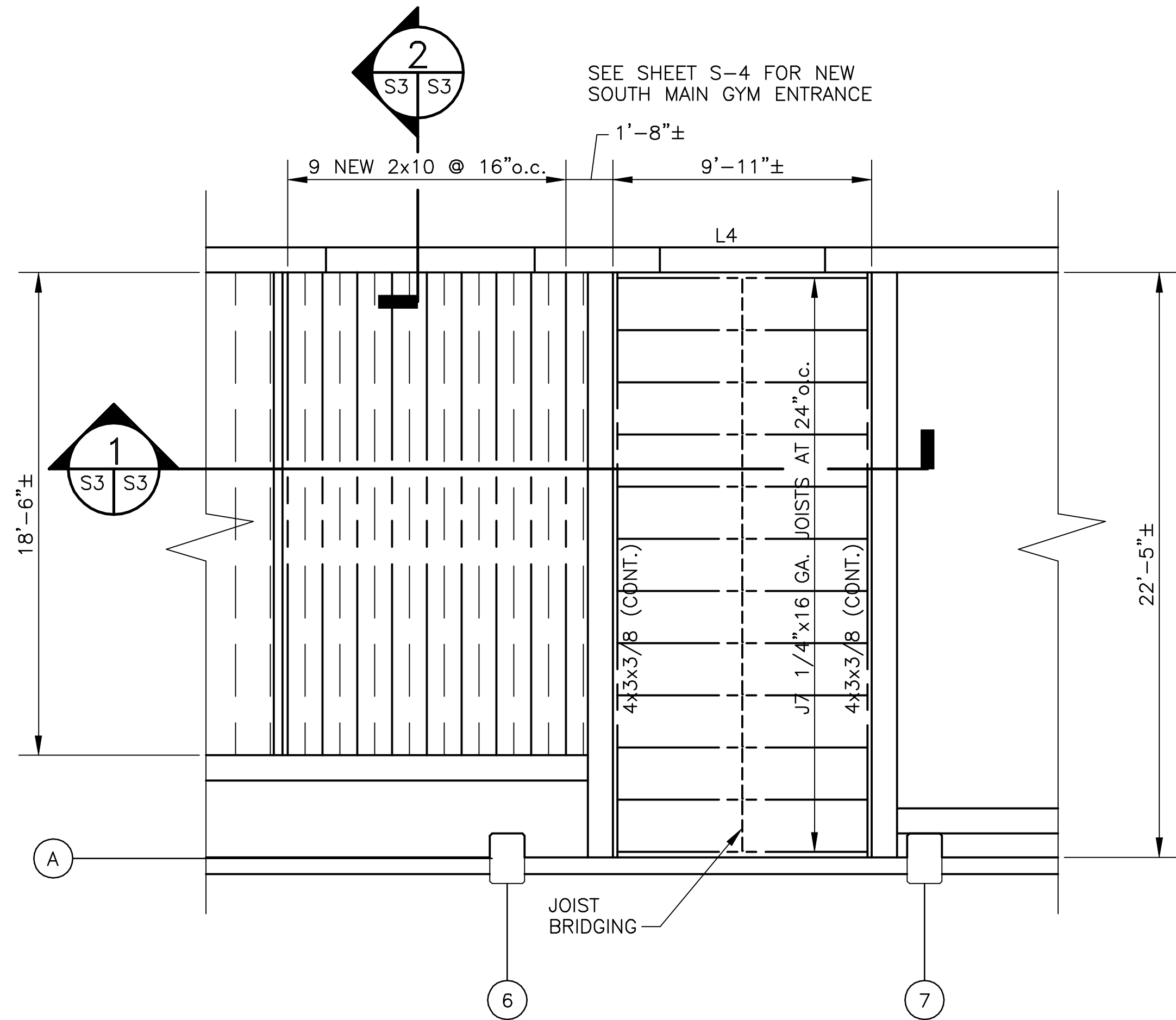
ATLANTIC DIVISION
NORFOLK, VIRGINIA

DESIGNED & ENGINEERED BY:
LANTIDIV
NAVAL FACILITIES ENGINEERING COMMAND

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FOR THE COMMANDER: [Blank]

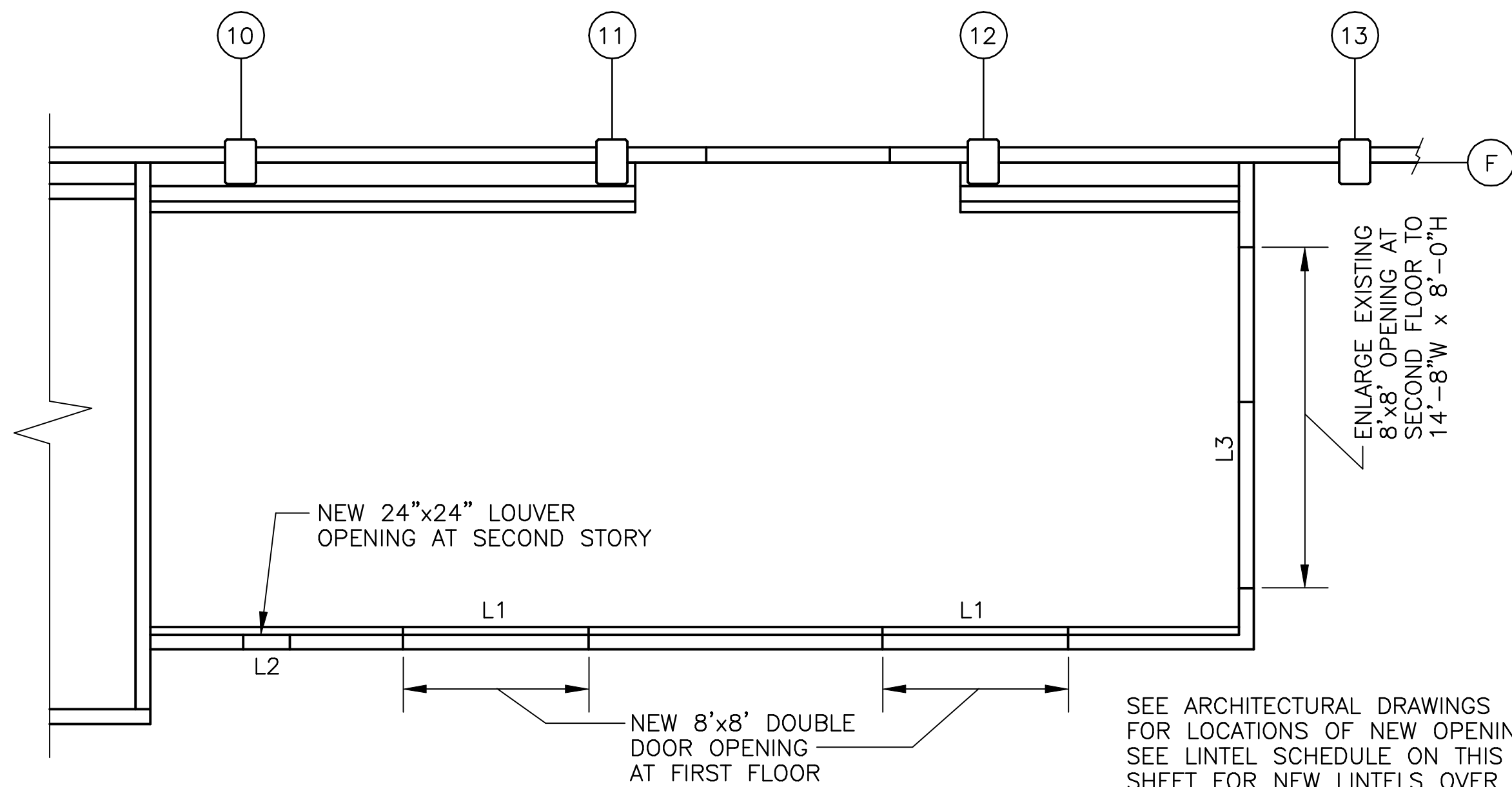
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CHECK: [Blank]
PROJECT MANAGER: [Blank]
FIRE PROTECTION: [Blank]
QUALITY CONTROL: [Blank]
BRANCH MANAGER: [Blank]
DESIGN DIRECTOR: [Blank]

CODE ID: NO. 80091 SIZE: D
SCALE: GRAPHIC
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STA. PROJ. NO. R-234
SPEC. NO. 05-95-5105
CONSTR. CONTR. NO. N62470-95-B-5105
NAVFAC DRAWING NO. 4368464
SHEET 39 of 119
A-58



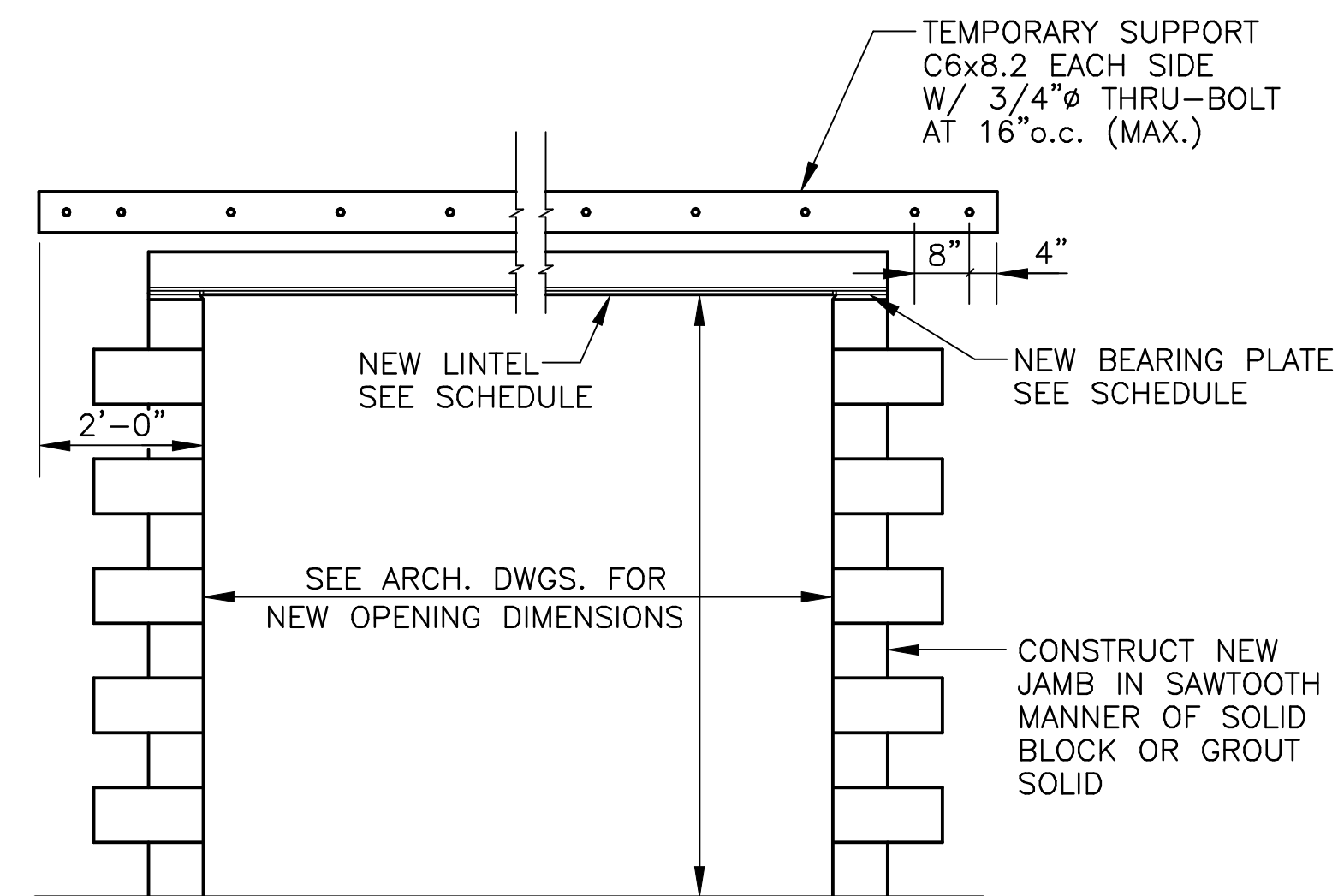
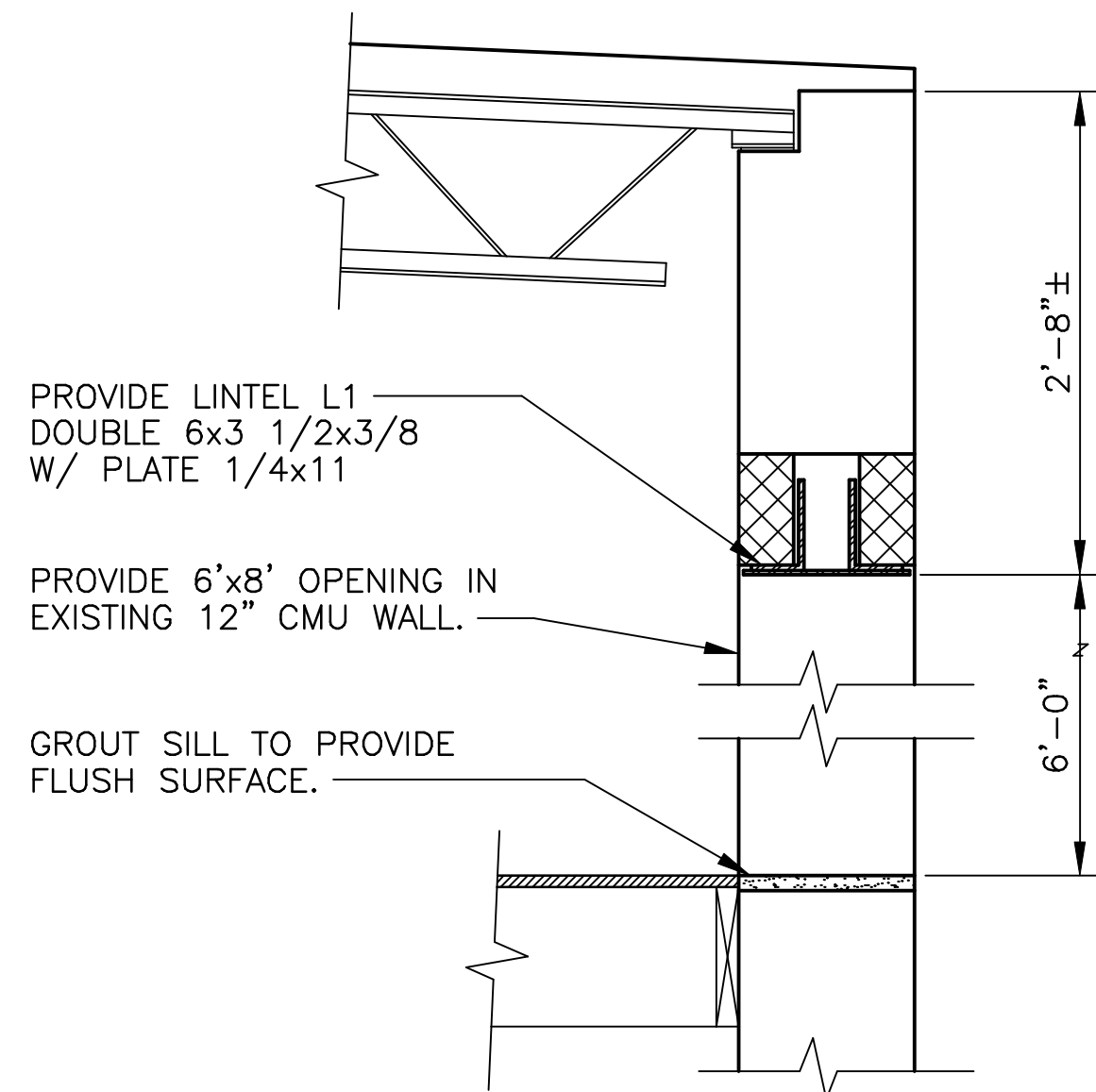
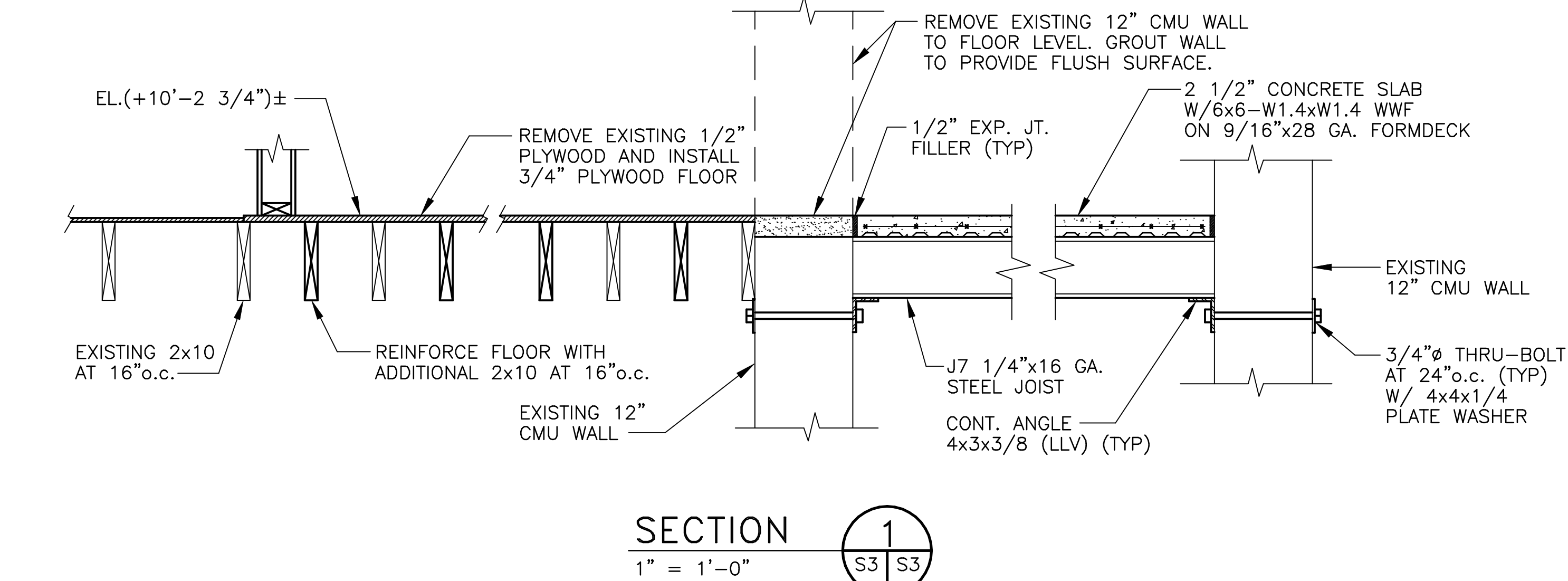
NEW WORK - SOUTH MECHANICAL ROOM FLOOR FRAMING PLAN

1/4" = 1'-0"



NEW WORK - NORTH MECHANICAL ROOM PLAN

3/16" = 1'-0"



DETAIL OF NEW OPENINGS IN EXISTING WALLS

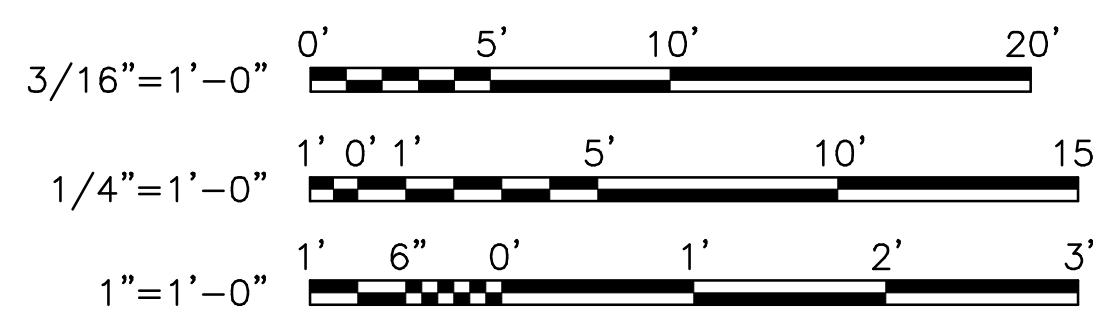
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LINTEL SCHEDULE

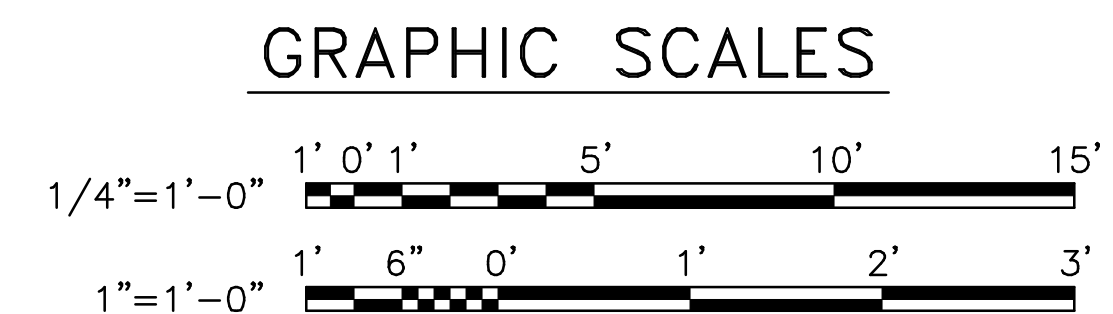
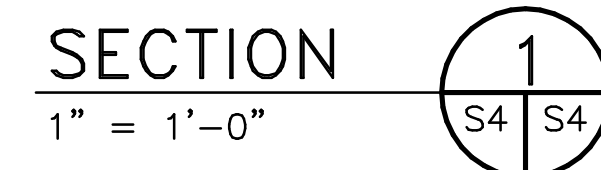
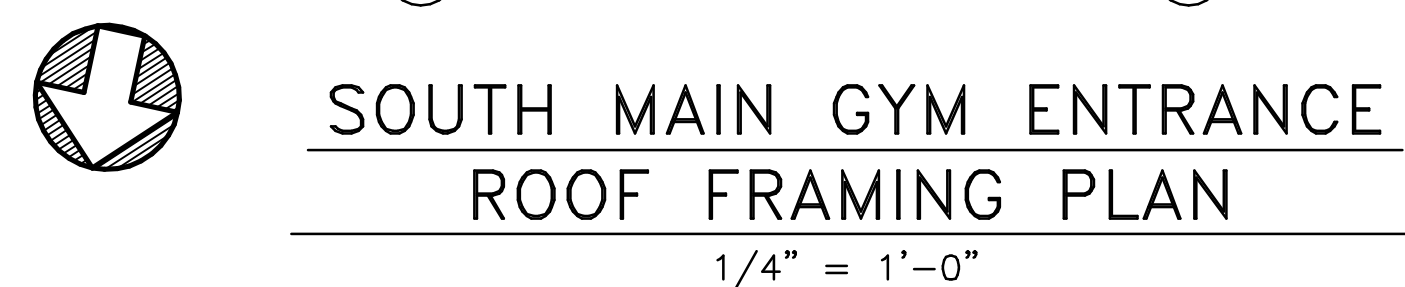
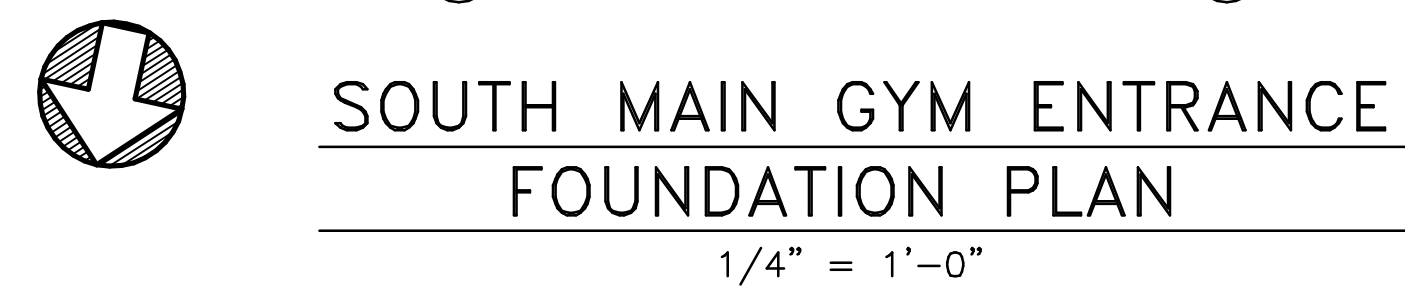
	LINTEL SIZE	BEARING PLATE
L1	DOUBLE 6 x 3 1/2 x 3/8 W/ 1/4" x 11" BOTTOM PLATE	1/4" x 11" x 7 1/2"
L2	DOUBLE 4 x 3 1/2 x 1/4	1/4" x 7 1/2" x 7 1/2"
L3	WT 7 x 19	1/4" x 7 1/2" x 7 1/2"
L4	DOUBLE 4 x 3 x 1/4 W/ 1/4" x 11" BOTTOM PLATE	1/4" x 11" x 7 1/2"
L5	16" DEEP CMU W/ 2-#4	SEE NOTE 4
L6	8" DEEP CMU W/ 2-#4	SEE NOTE 4
L7	DOUBLE 3 x 3 x 1/4	1/4" x 7" x 7 1/2"
L8	DOUBLE 3 x 3 x 1/4 W/ 1/4" x 11" BOTTOM PLATE	1/4" x 7" x 7 1/2"
L9	6 x 4 x 3/8 BRICK ANGLE	SEE NOTE 5

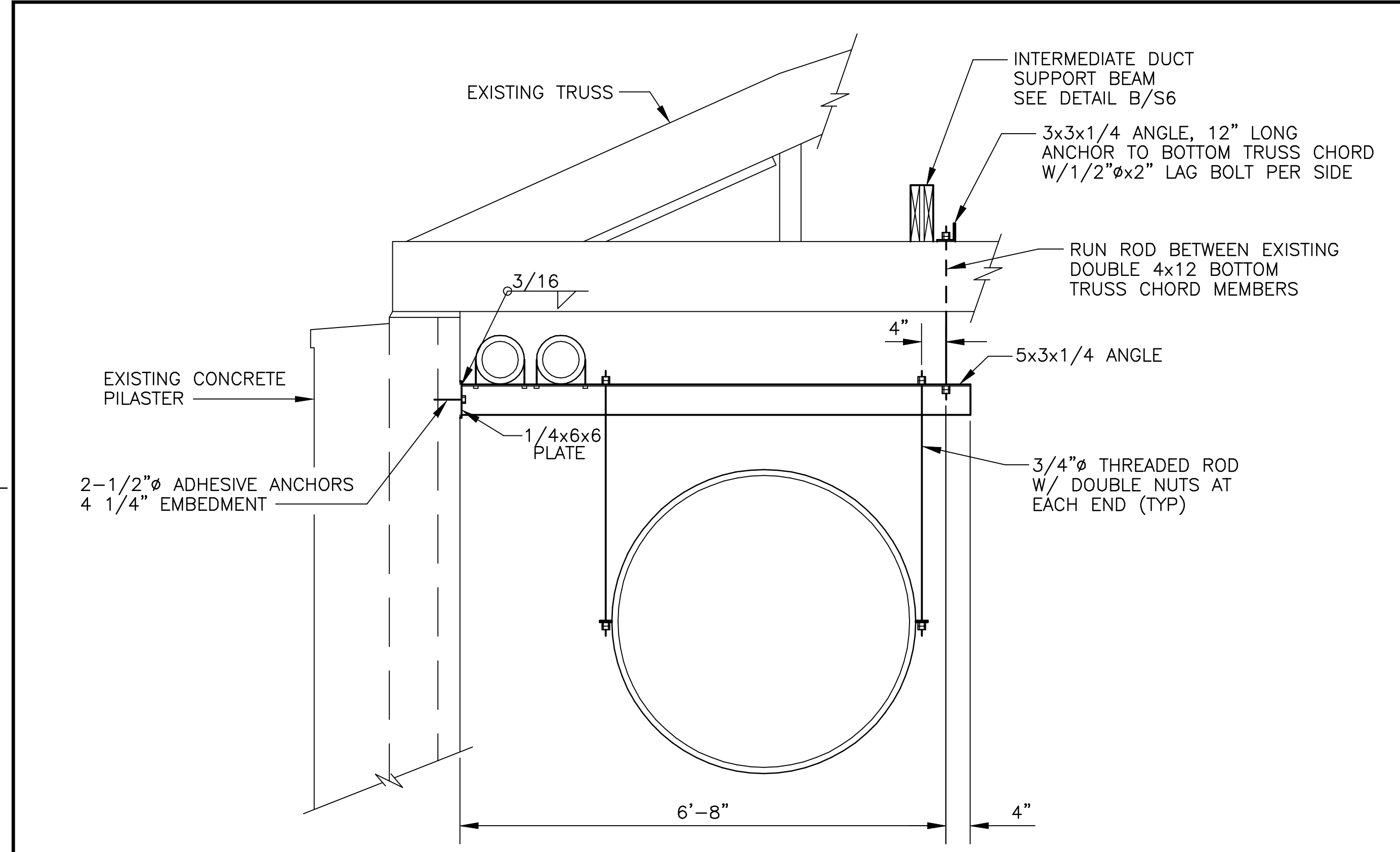
1. WELD L1 AND L2 BOTTOM PLATE TO DOUBLE ANGLES WITH 1" LONG 1/4" FILLET WELDS AT 12" o.c.
2. ANCHOR BEARING PLATES WITH TWO 3/4" ϕ x 3" LONG HEADED STUDS.
3. WELD LINTEL TO BEARING PLATES WITH 1" LONG 3/16" FILLETS ON EACH SIDE.
4. EXTEND CMU LINTEL 2'-0" BEYOND EDGE OF OPENING.
5. ANCHOR TO EXISTING CONCRETE LINTEL W/ 1/2" ϕ EXP. BOLTS AT 24" o.c.

GRAPHIC SCALES

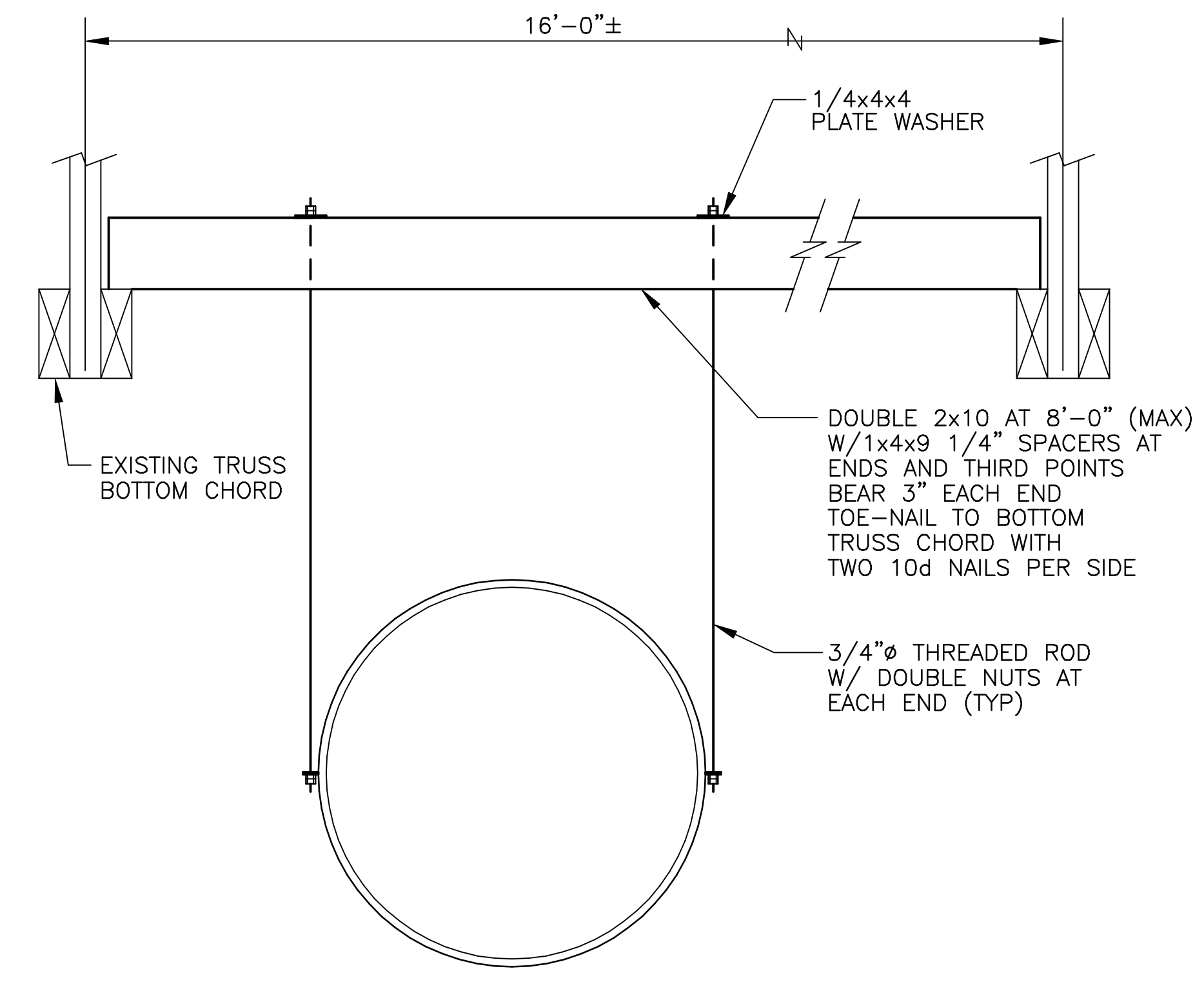
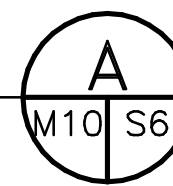


DESIGNED & ENGINEERED BY: LANTIDIV NAVAL FACILITIES ENGINEERING COMMAND		APPROVED DATE	
DESIGN RCS	DRAWN RCS	REVIEW OLH	CHECK RCS
PROJECT MANAGER JB		QUALITY CONTROL MANAGER	
DESIGN DIRECTOR		DATE	
APPROVED DATE		APPROVED DATE	
ACTIVITY - SATISFACTORY TO DATE		REVISIONS	
FOR THE COMMANDER, NAVFAC		DESCRIPTION	
NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION N.A.B. LITTLE CREEK VIRGINIA BEACH, VIRGINIA RENOVATIONS TO GYMNASIUM BUILDING 3147		REVISIONS	
NEW WORK - SOUTH MECHANICAL ROOM		REVISIONS	
SHEET 31 OF 119		S-3	

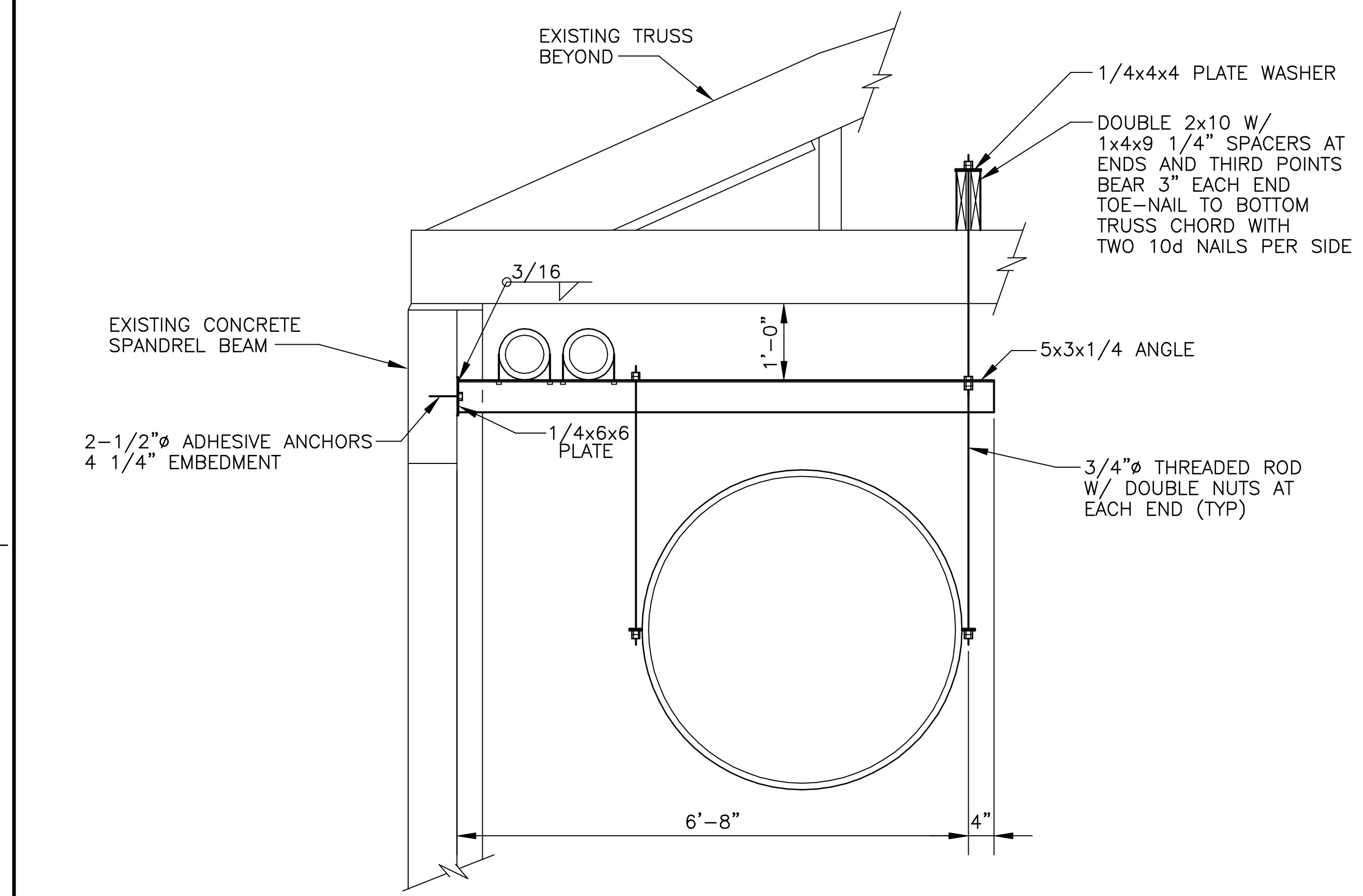
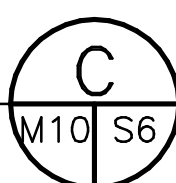
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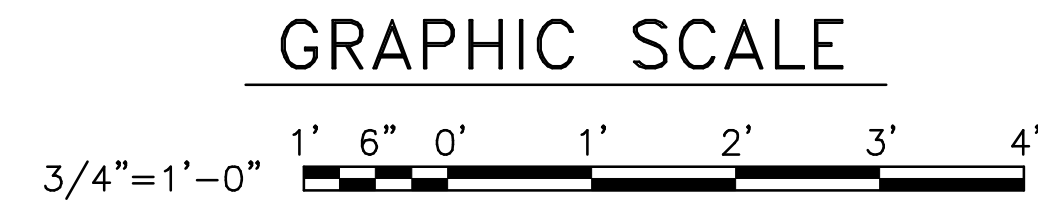
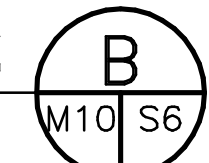
DUCT SUPPORT AT TRUSS LINE
3/4" = 1'-0"



DUCT SUPPORT PARALLEL TO TRUSSES
3/4" = 1'-0"



DUCT SUPPORT MIDWAY BETWEEN TRUSSES
3/4" = 1'-0"



DESIGNED & ENGINEERED BY: LANTIDIV NAVAL FACILITIES ENGINEERING COMMAND		DESIGN RCS DRAWN RCS CHECKED OLH REVIEW JTB PROJECT MANAGER JB QUALITY CONTROL JTB BRANCH MANAGER JTB DESIGN DIRECTOR JTB		REVISIONS	
DATE		DATE		DATE	
APPROVED		APPROVED		APPROVED	
ACTIVITY - SATISFACTORY TO		ACTIVITY - SATISFACTORY TO		ACTIVITY - SATISFACTORY TO	
DATE		DATE		DATE	
FOR THE COMMANDER		FOR THE COMMANDER		FOR THE COMMANDER	
NAVAL FACILITIES ENGINEERING COMMAND		ATLANTIC DIVISION		NAVAL FACILITIES ENGINEERING COMMAND	
NORFOLK, VIRGINIA		VIRGINIA BEACH, VIRGINIA		VIRGINIA BEACH, VIRGINIA	
N.A.B. LITTLE CREEK		RENOVATIONS TO GYMNASIUM		RENOVATIONS TO GYMNASIUM	
BUILDING 3147		BUILDING 3147		BUILDING 3147	
NEW WORK - MECHANICAL SUPPORT DETAILS		NEW WORK - MECHANICAL SUPPORT DETAILS		NEW WORK - MECHANICAL SUPPORT DETAILS	
CODE ID: NO. 80091		SCALE: AS NOTED		EFD NO. 468481	
STA. PROJ. NO. R-234		SPEC. NO. 05-95-5105		CONSTR. CONTR. NO. N62470-95-B-5105	
NAVFAC DRAWING NO. 4368481		SHEET 34 OF 119		S-6	

