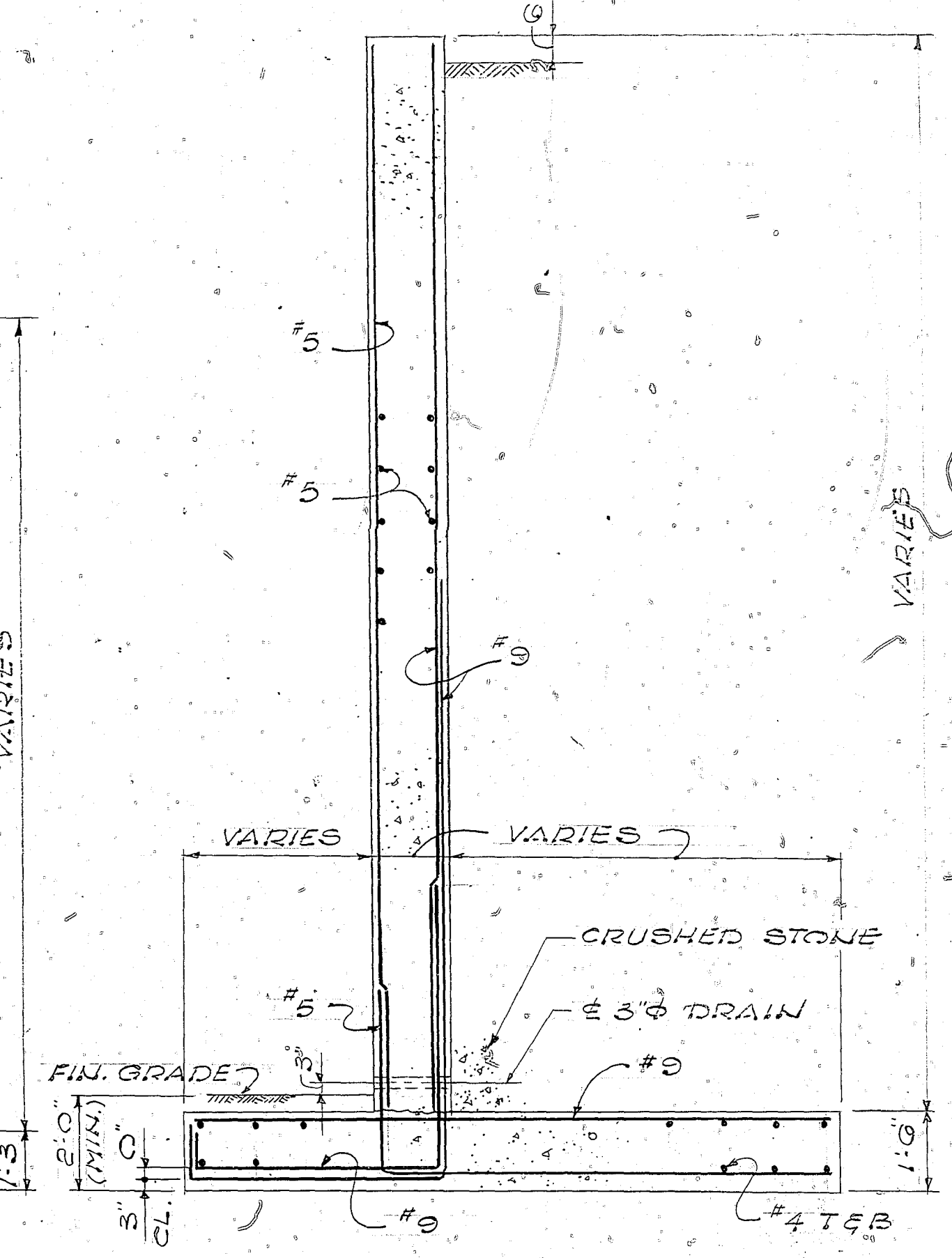
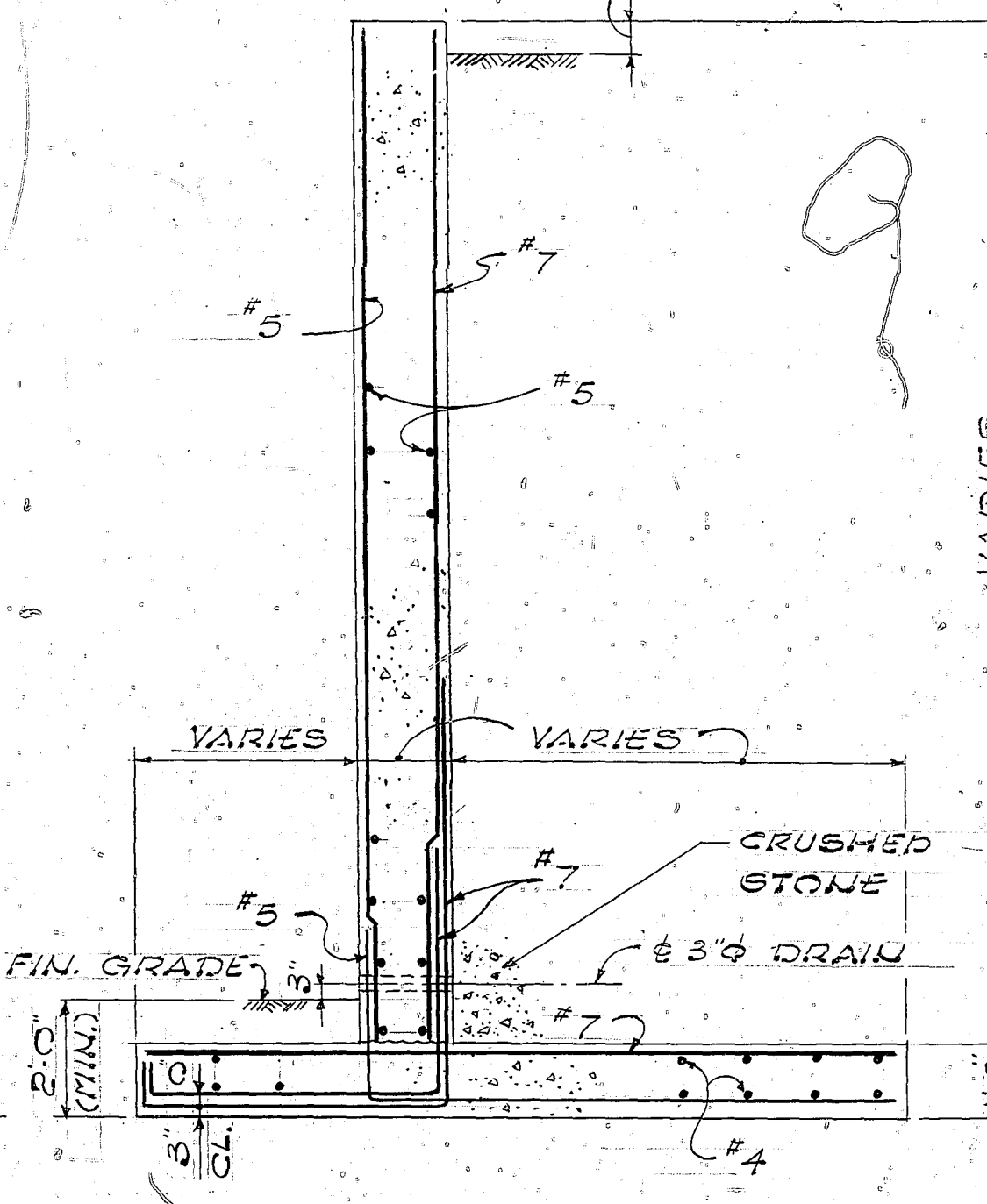
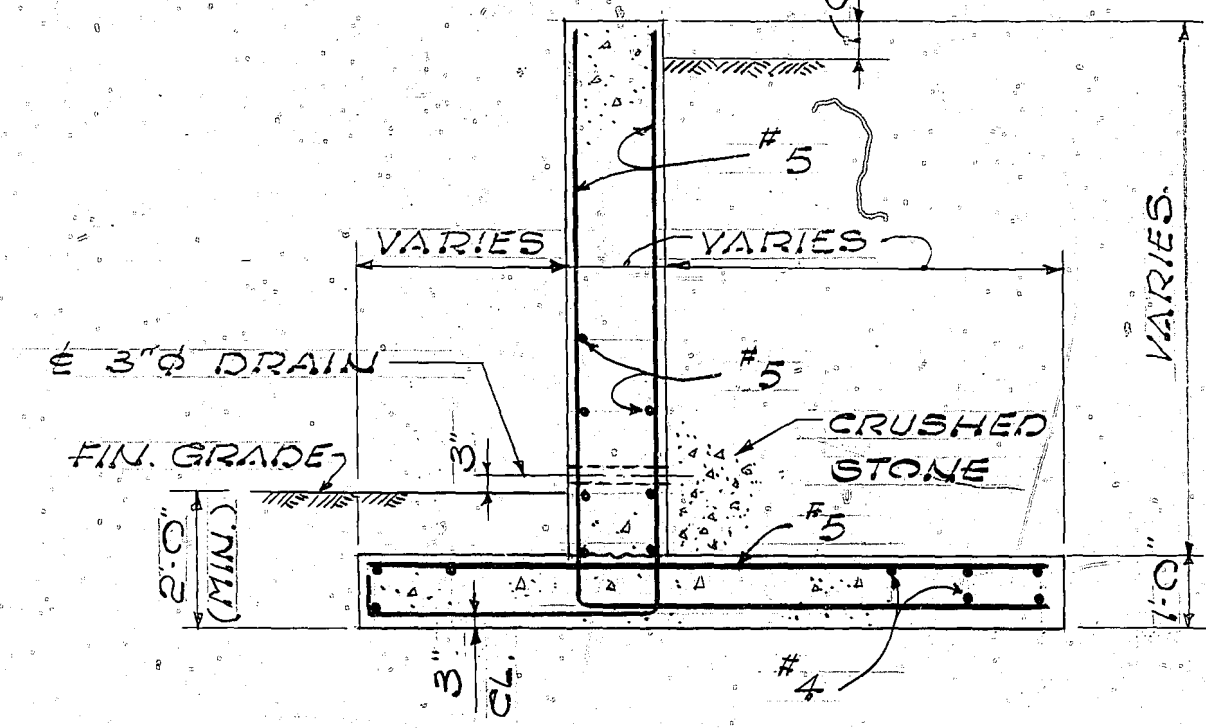
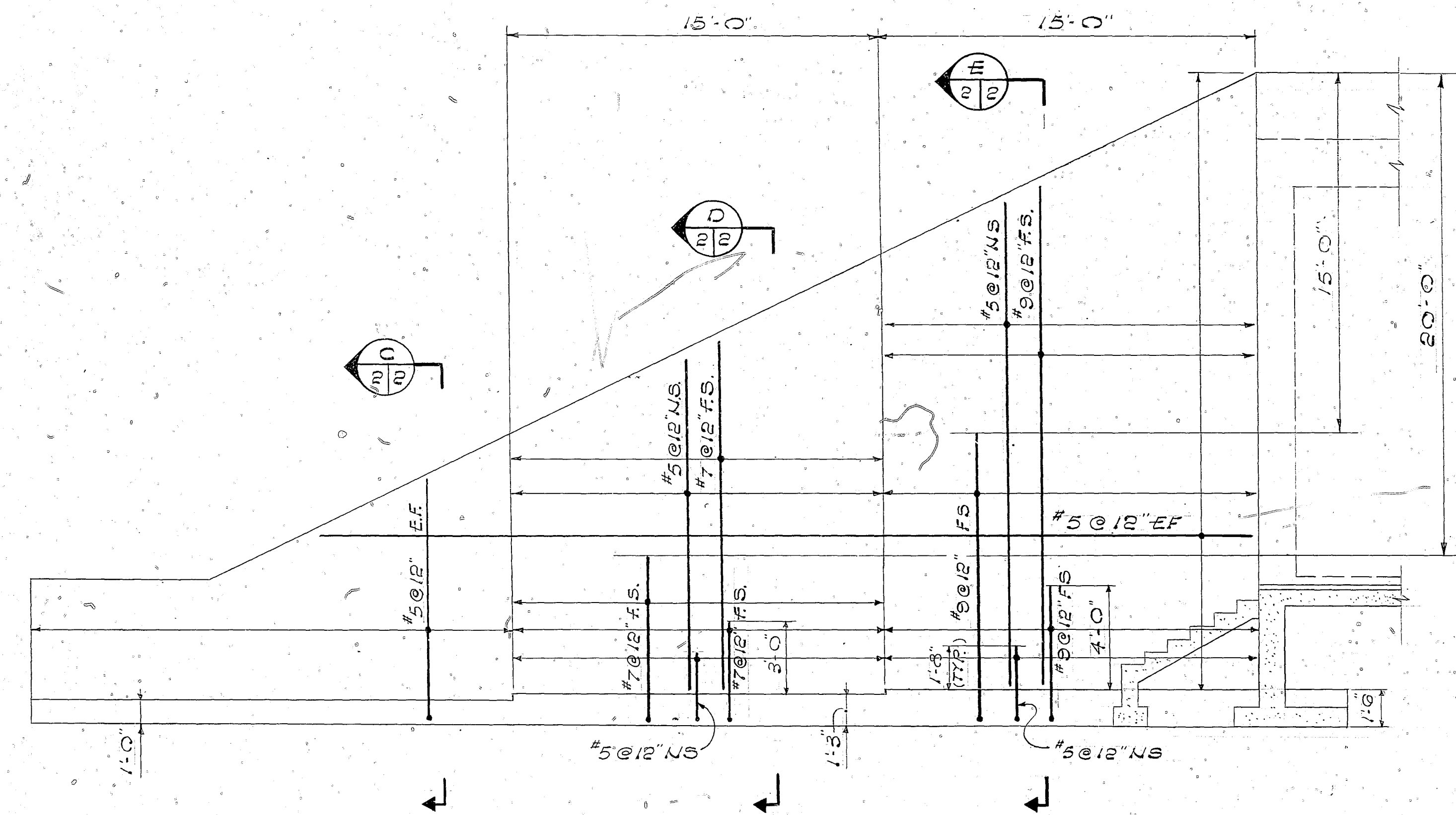
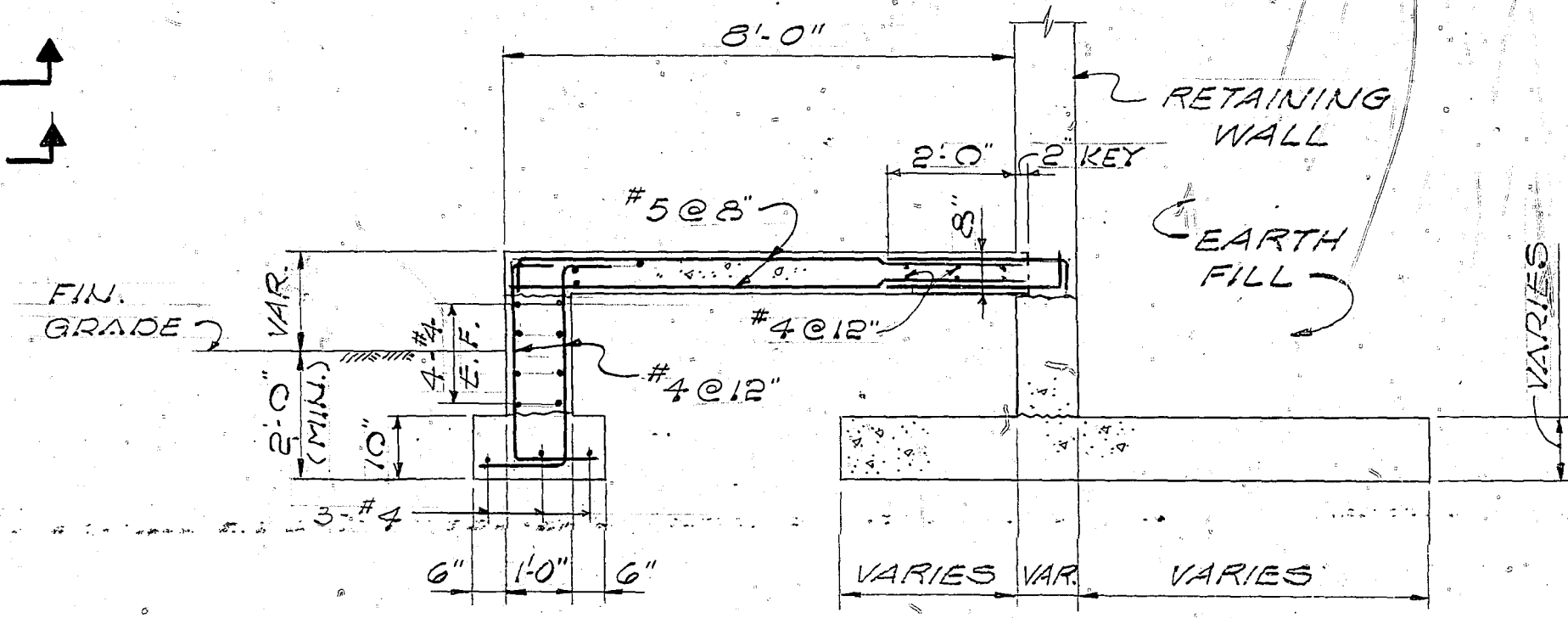
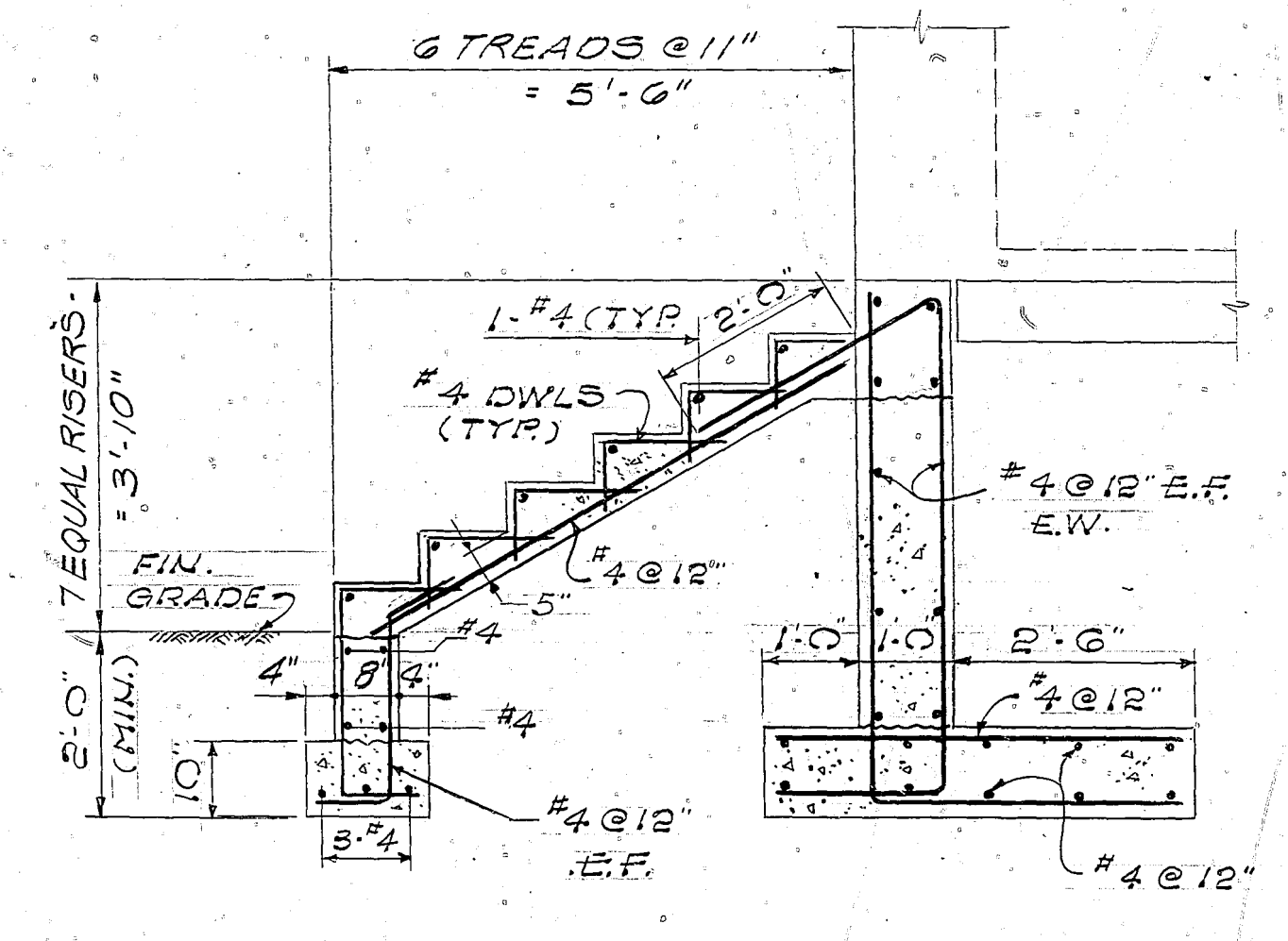
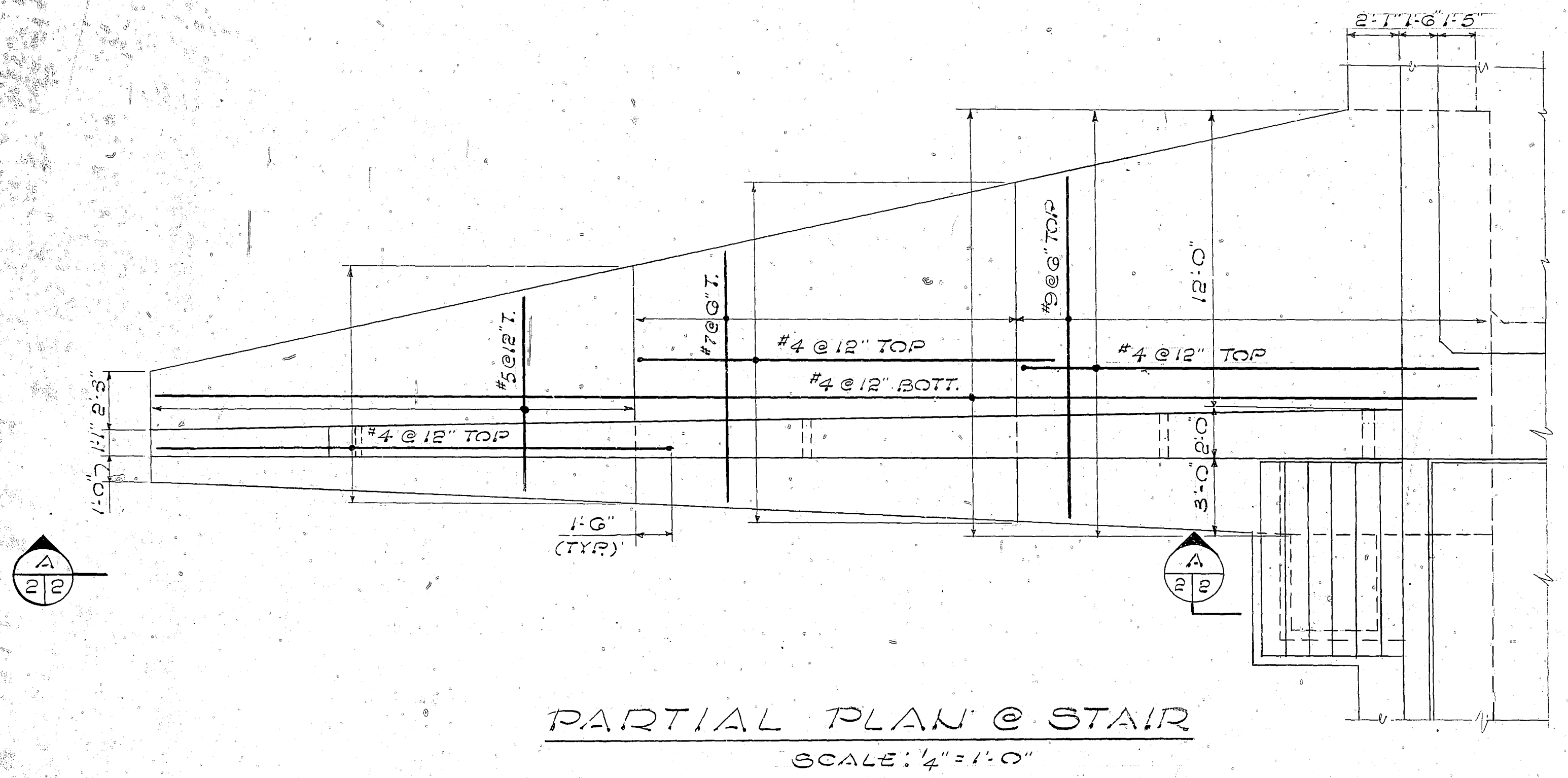
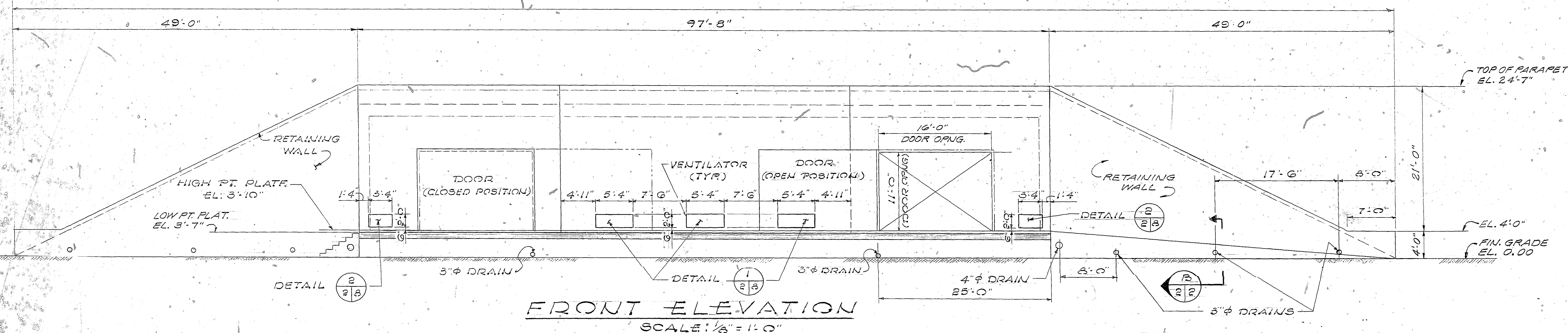
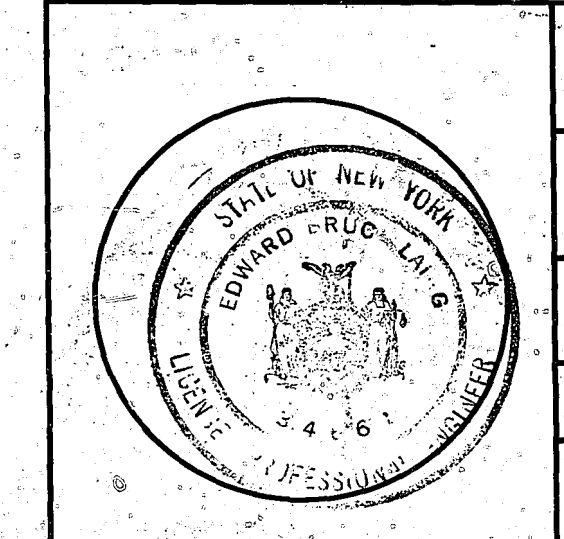


| REVISIONS | | PREP'D BY | DATE | APPROVED |
|-----------|-------------|-----------|------|----------|
| LTR | DESCRIPTION | | | |



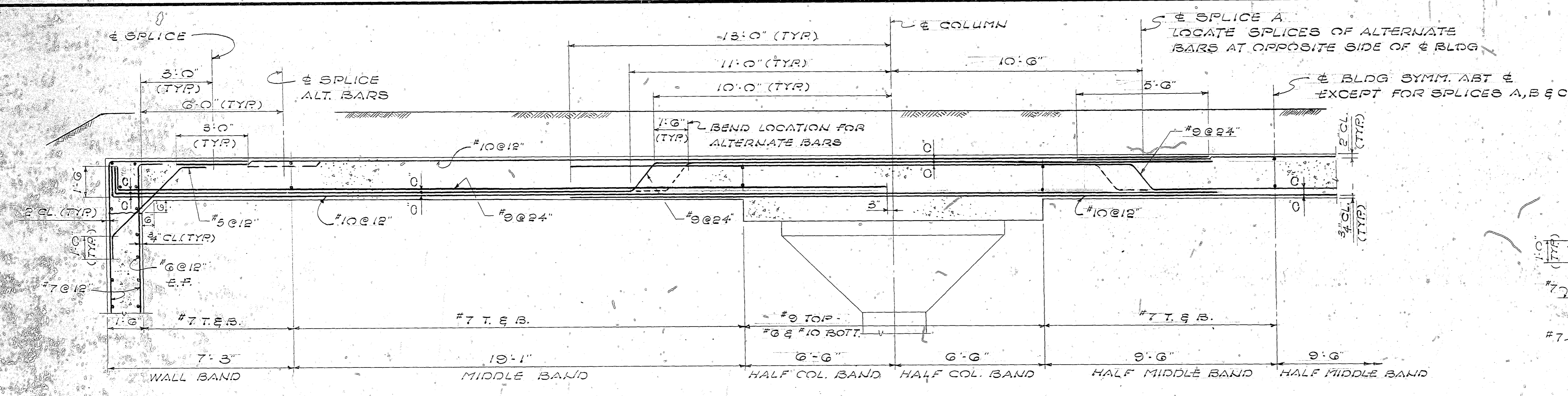
GRAPHIC SCALES

| | |
|--------------|------------------------|
| 1/8" = 1'-0" | 0 4' 0 8' 16' |
| 1/4" = 1'-0" | 0 2' 0 4' 8' |
| 3/8" = 1'-0" | 0 1' 2' 3' 4' 5' 6' 7' |
| 1/2" = 1'-0" | 0 1' 2' 3' 4' 5' |



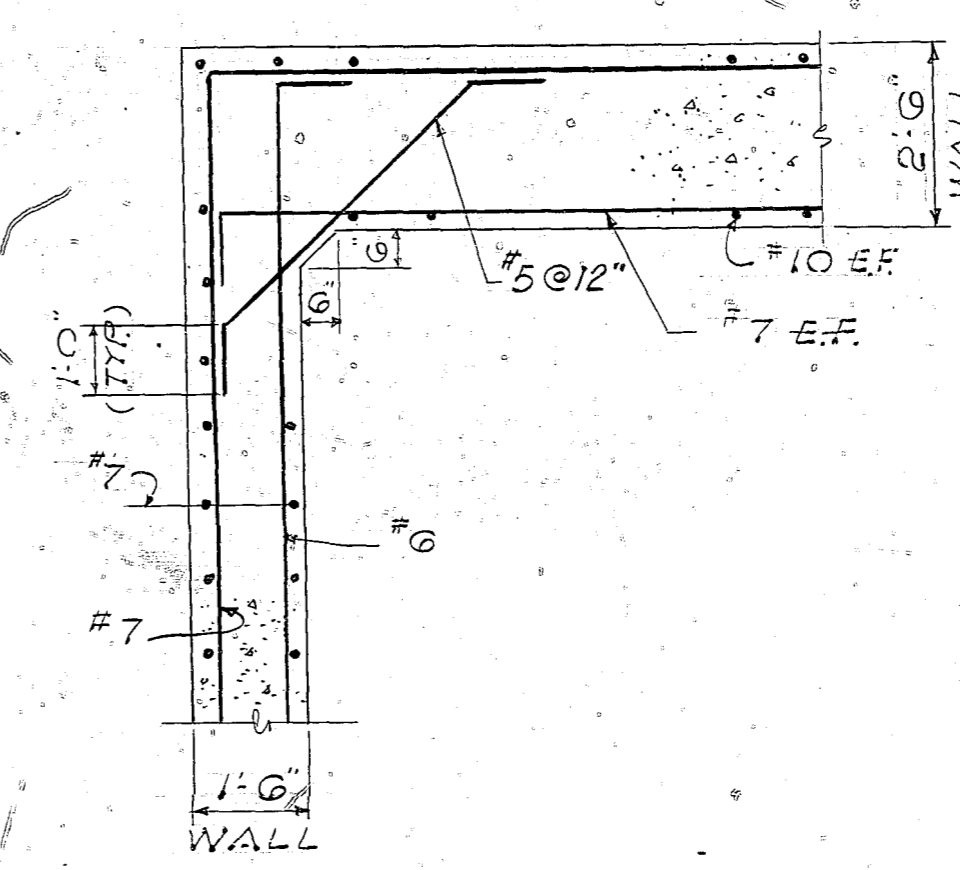
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|----------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------|----------------|
| AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER NY, NY. | | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOVALL STREET ALEXANDRIA, VA. 22332 | |
| DSGN W.S. | DRAWN MCHK MIP | BOX MAGAZINE TYPE A STANDARD | |
| SUPV. NO. | CH ENGR | FRONT ELEVATION AND RETAINING WALL DETAILS | |
| DATE | DATE | SIZE | CODE IDENT NO. |
| DATE | DATE | F | 80091 |
| DATE | DATE | NAVAC DRAWING NO. | 1404001 |
| DATE | DATE | SCALE: AS NOTED | SHEET 2 OF 8 |

| REVISIONS | | | | |
|-----------|-------------|-----------|------|----------|
| LTR | DESCRIPTION | PREP'D BY | DATE | APPROVED |
| | | | | |

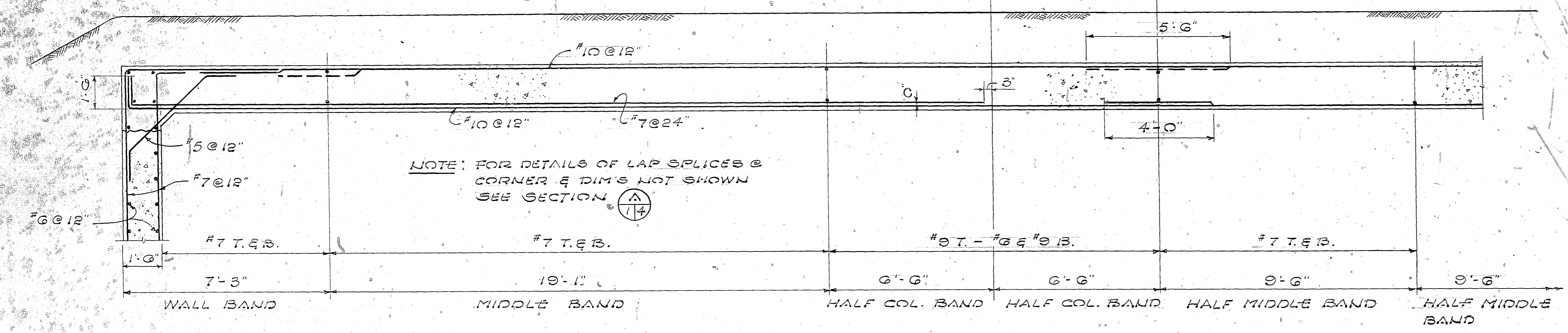


SECTION A
(COLUMN BAND) 1/4

S SPLICE A
LOCATE SPLICES OF ALTERNATE BARS AT OPPOSITE SIDE OF BLDG.
S SPLICE B
STAGGER SPLICE OF TOP & BOTT. BARS & LOCATE SPLICES OF ALTERNATE BARS AT OPPOSITE SIDE OF BLDG.

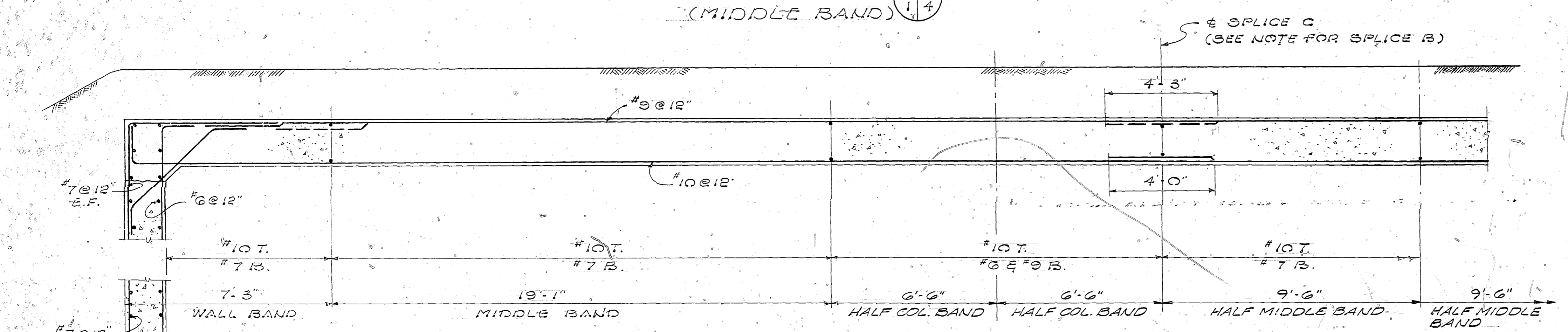


SECTION D
CORNER DETAIL 4/4



SECTION B
(MIDDLE BAND) 1/4

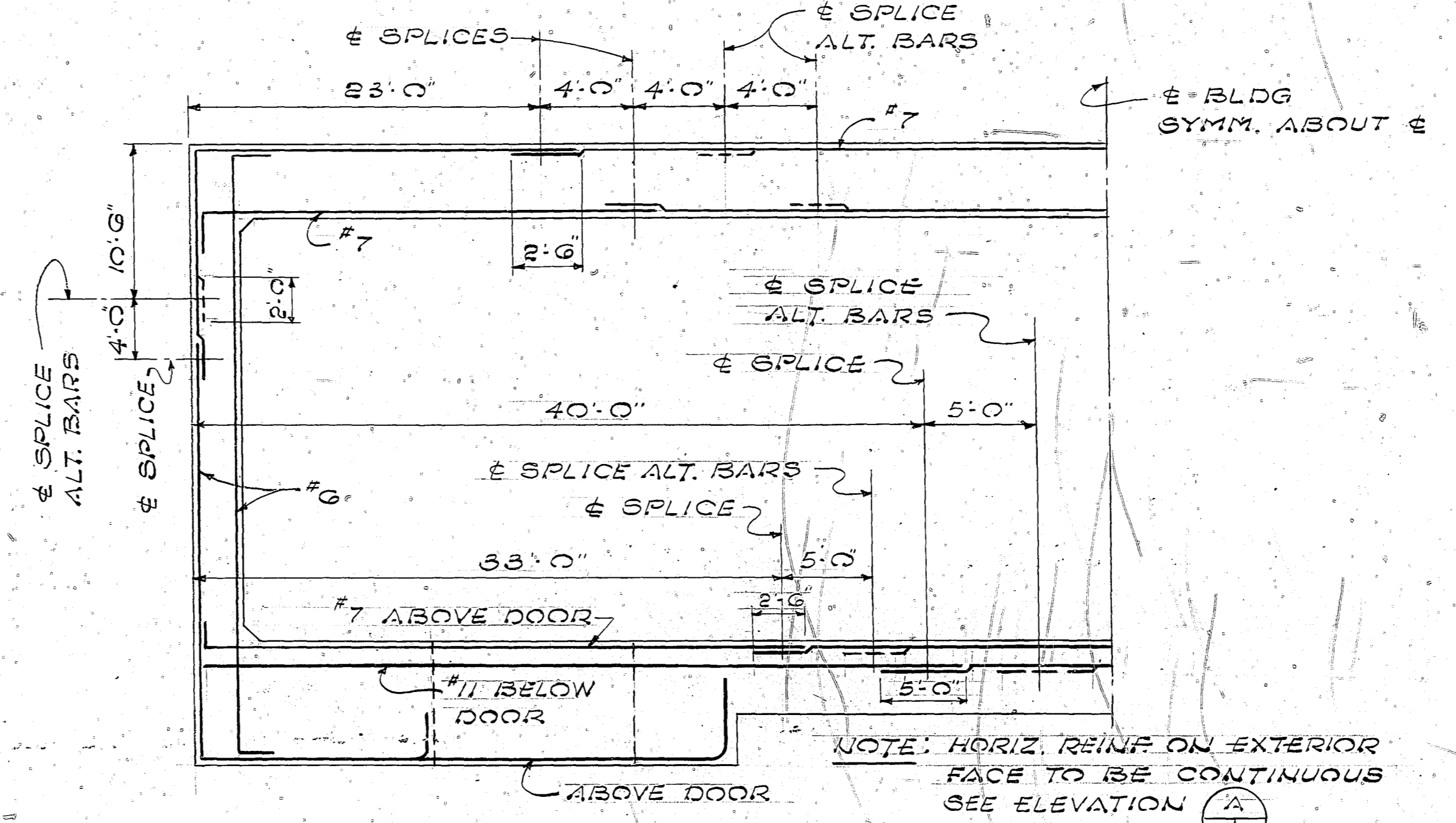
NOTE: FOR DETAILS OF LAP SPLICES @ CORNER & DIM'S NOT SHOWN SEE SECTION A



SECTION C
(WALL BAND) 1/4

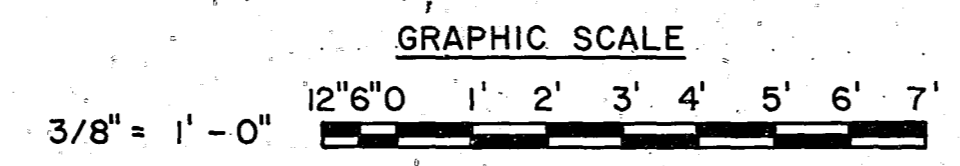
NOTE: FOR DETAILS OF LAP SPLICES @ CORNER & DIM'S NOT SHOWN SEE SECTION A

FOR FLOOR SLAB REINFR. SEE SECTION 1/3

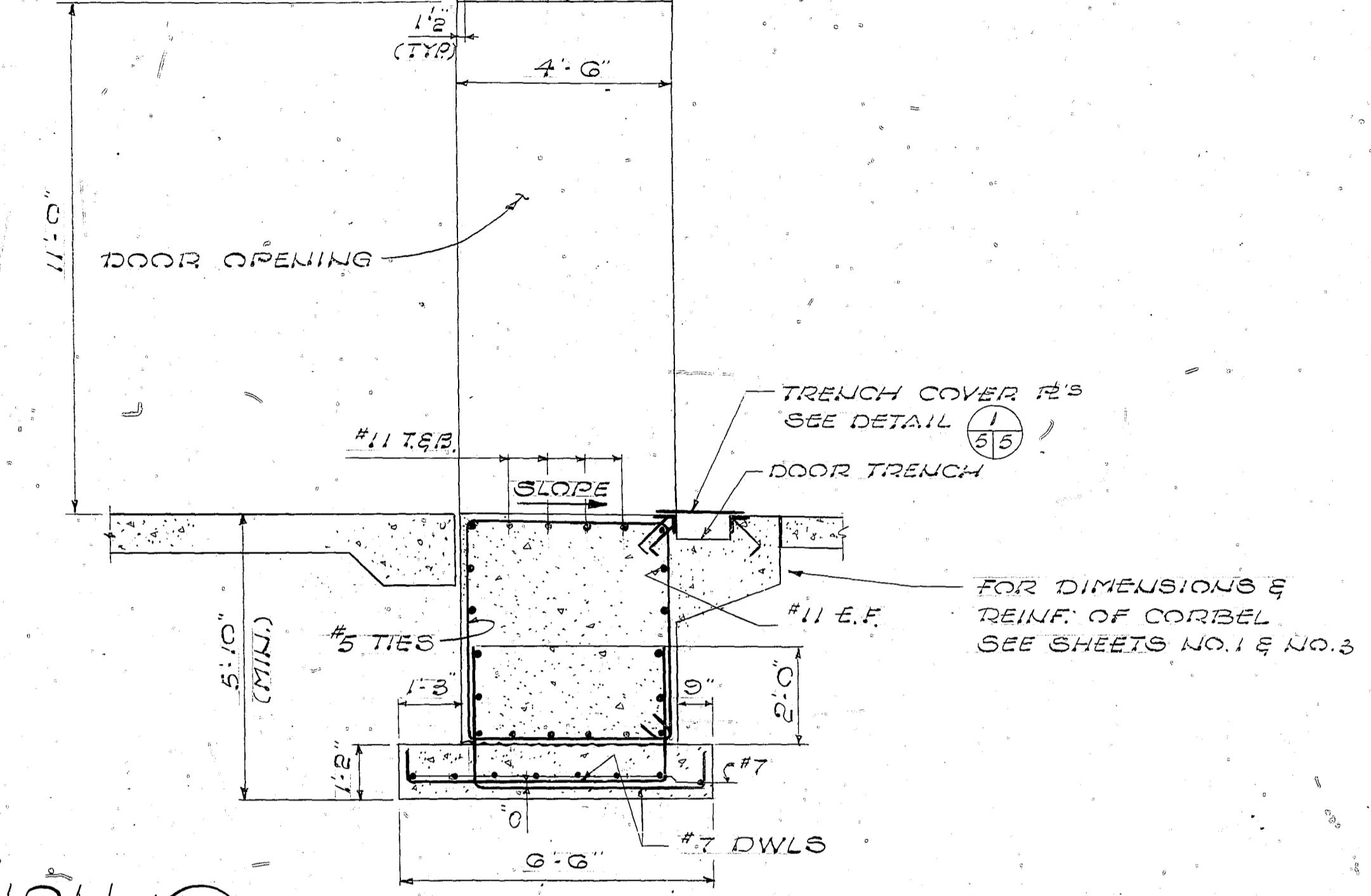
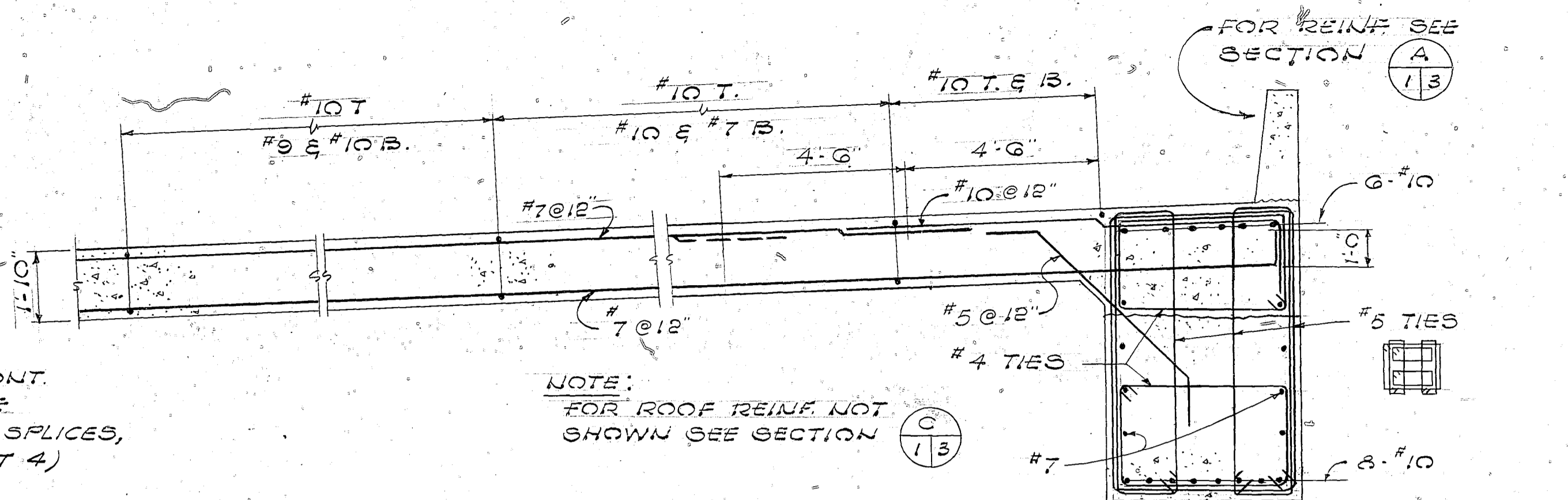
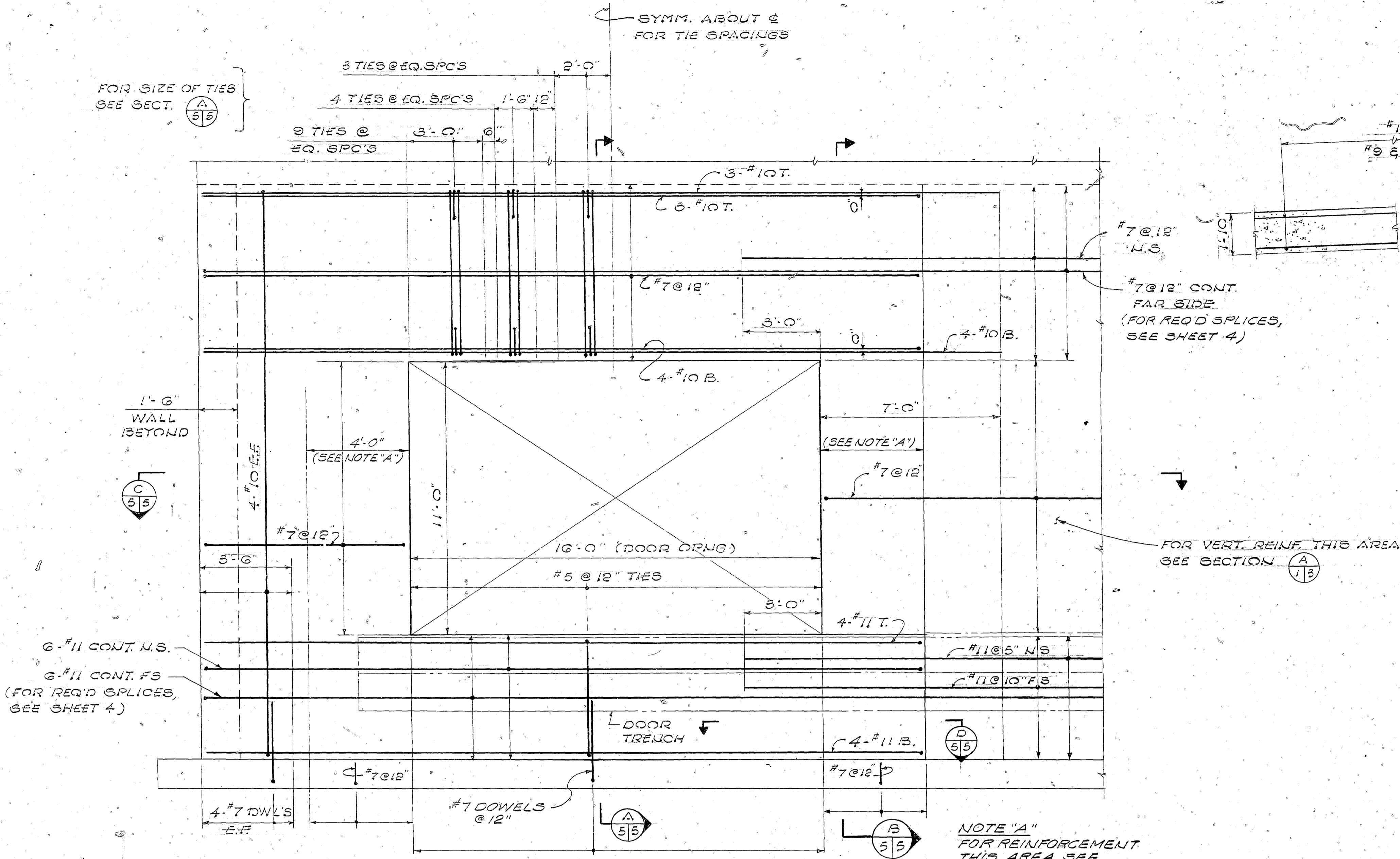


PARTIAL PLAN VIEW
REQUIRED SPLICES OF HORIZ. WALL REINFR.
N.T.S.

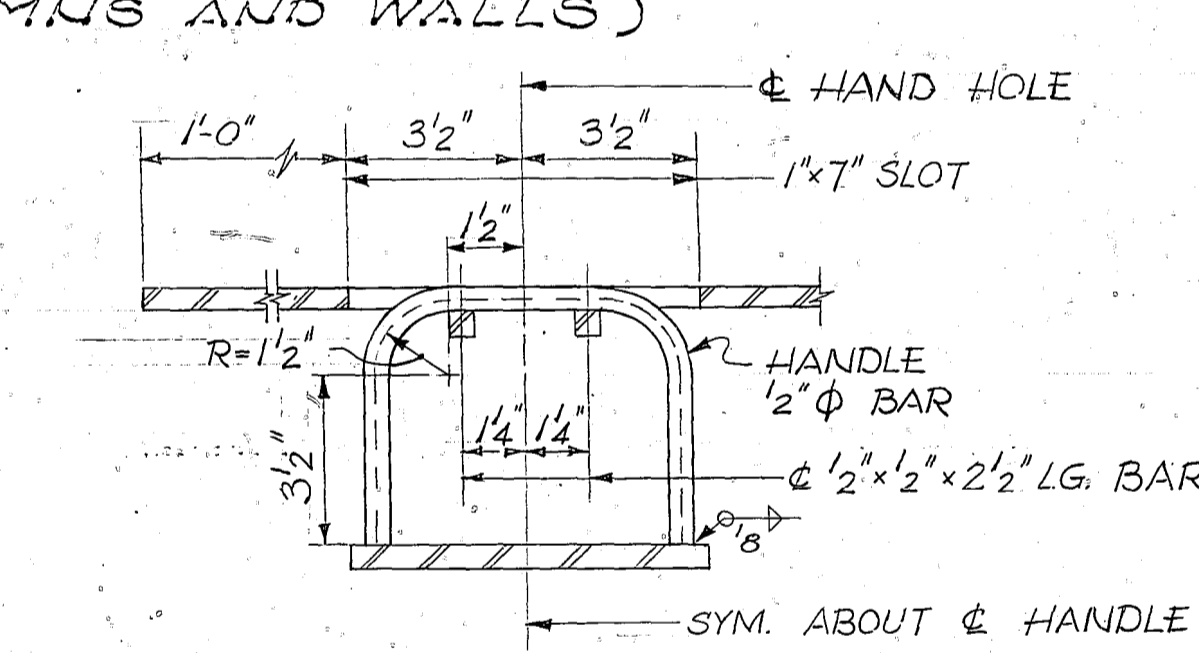
NOTE: HORIZ. REINFR. ON EXTERIOR FACE TO BE CONTINUOUS SEE ELEVATION 1/5



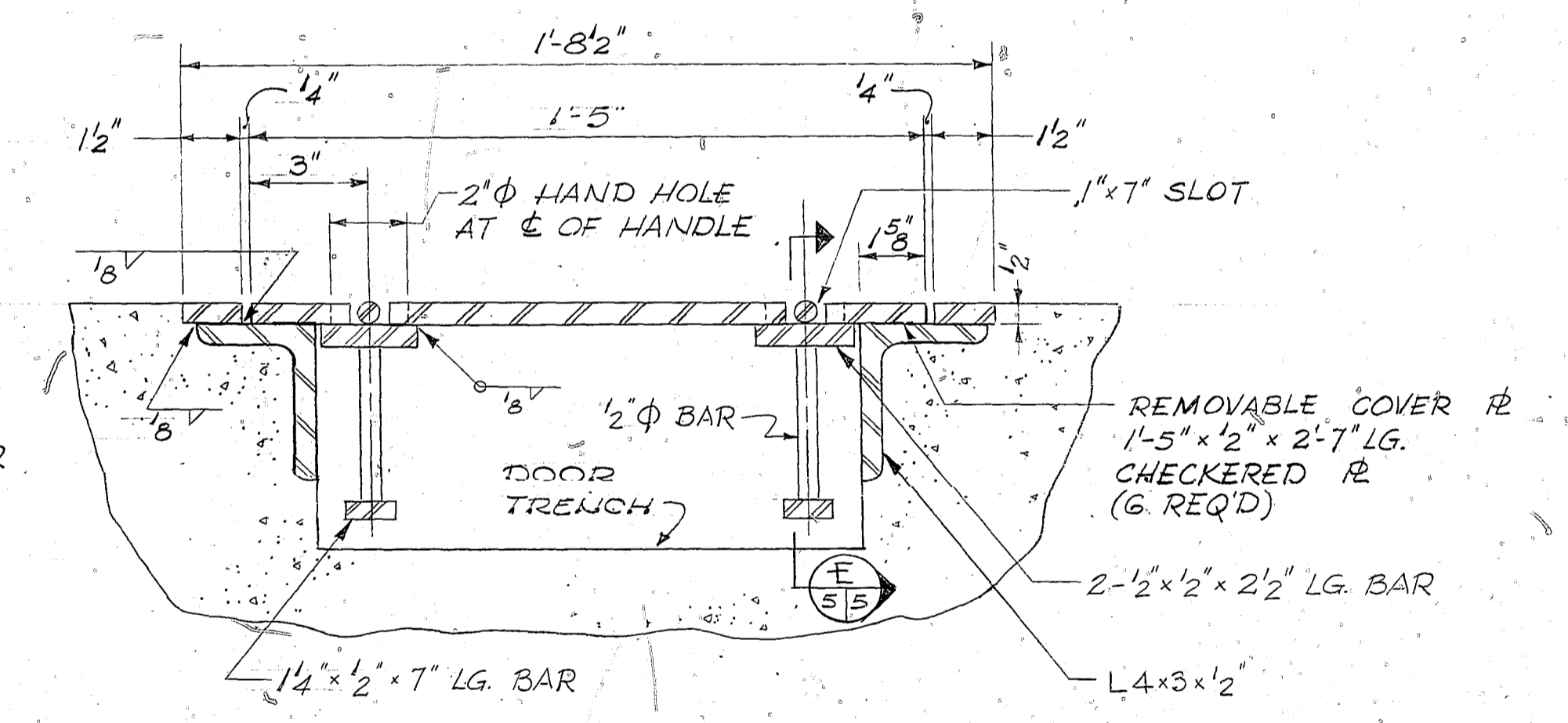
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|------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| | AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER N.Y., N.Y. | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOVALL STREET ALEXANDRIA, VA. 22332 |
| | DSGN W.S. DRAM/FW CHK MD SUPV MID CH ENGR (LICENSED PROFESSIONAL ENGINEER) DATE | BOX MAGAZINE TYPE A STANDARD |
| APPROVED DATE <i>W. J. ...</i> 5-1-78 FOR COMMANDER NAVFAC | | NAVFAC DRAWING NO. 1404003 SCALE: 3/8" = 1'-0" |



SECTION (A) 5/5
SCALE: 3/8" = 1'-0"
(MIDDLE BANDS BETWEEN COLUMNS AND WALLS)

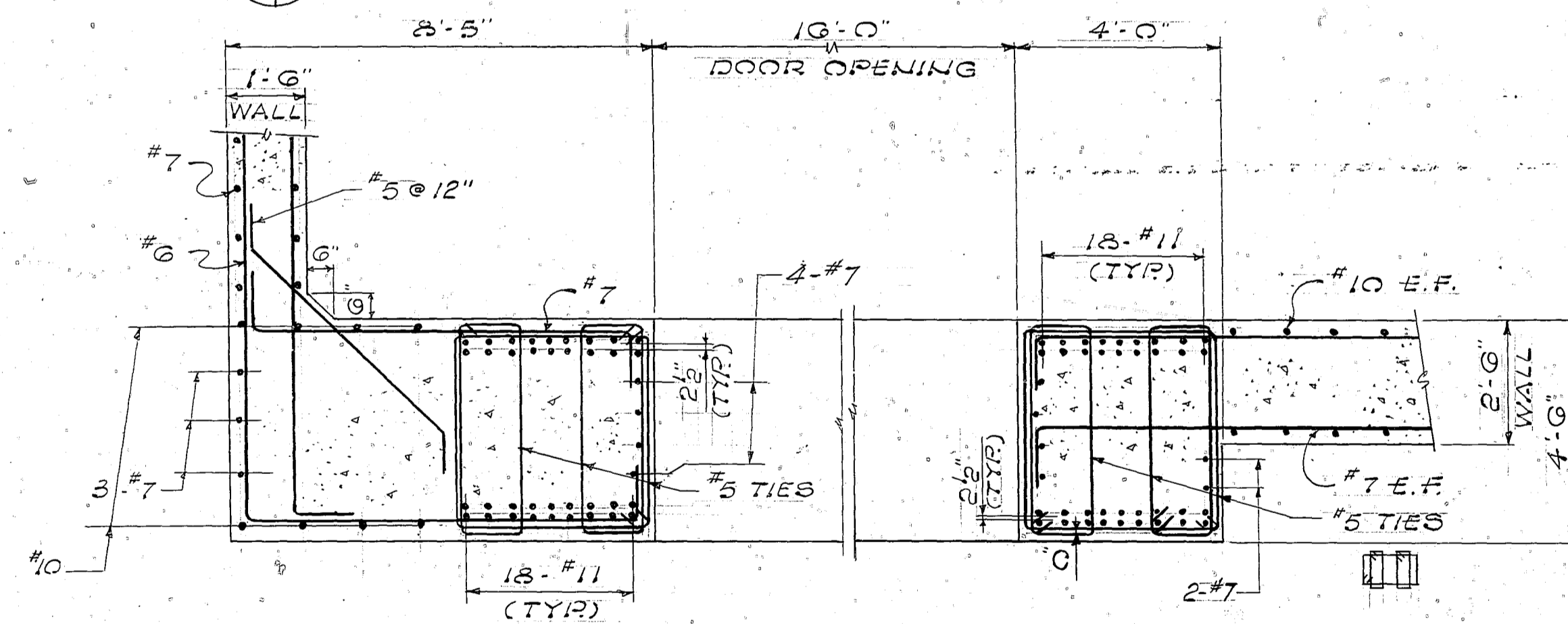


SECTION (E) 5/5
SCALE: 3/8" = 1'-0"

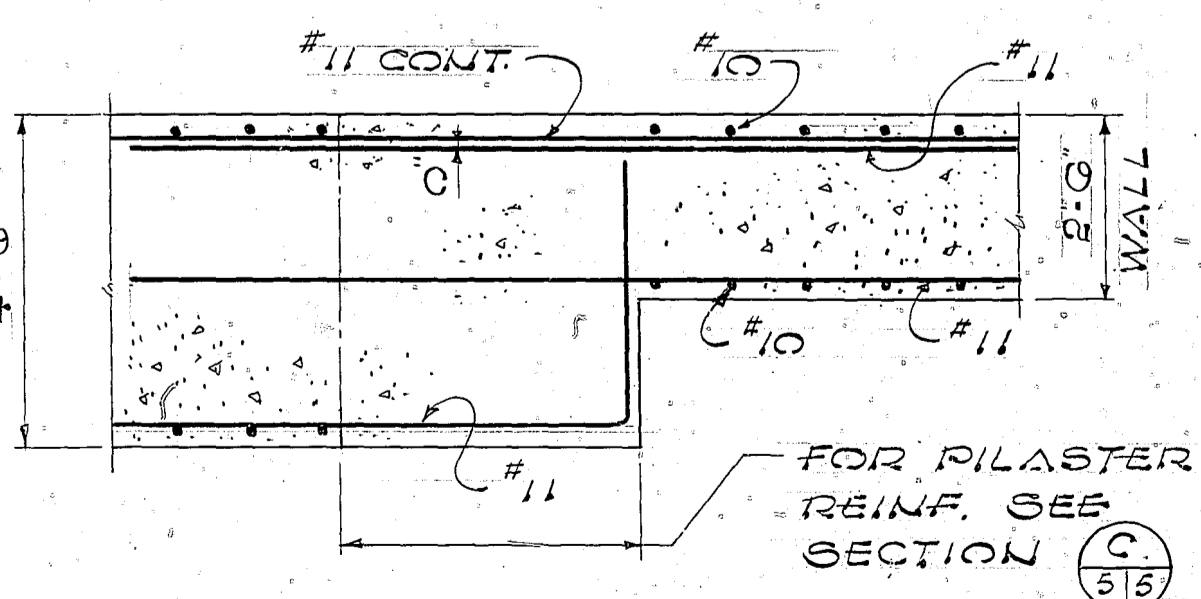


DETAIL (I) 5/5
SCALE: 3/8" = 1'-0"

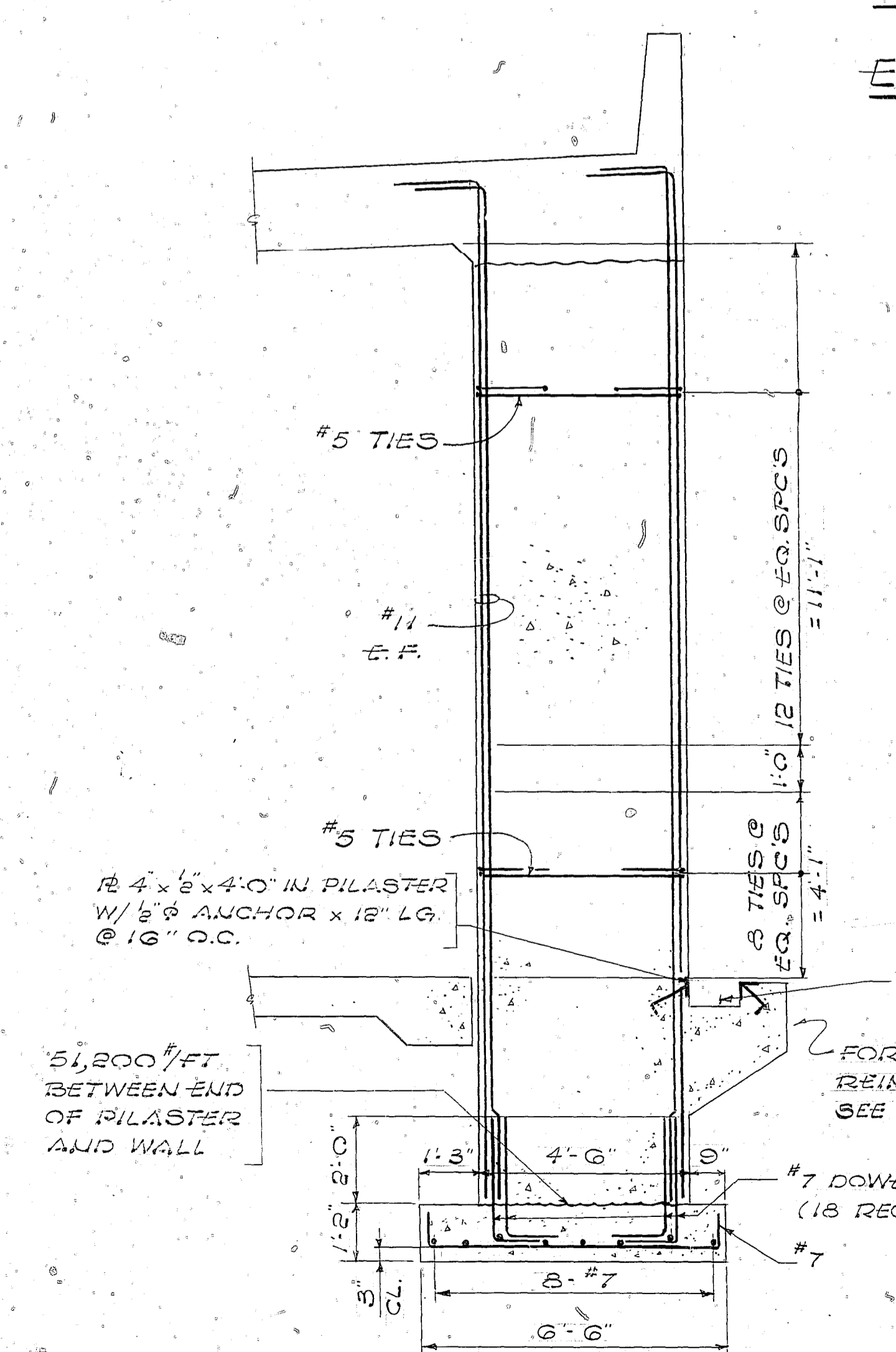
ELEVATION (A) 1/5 SHOWN
ELEVATION (B) 1/5 OPPOSITE HAND
SCALE: 3/8" = 1'-0"



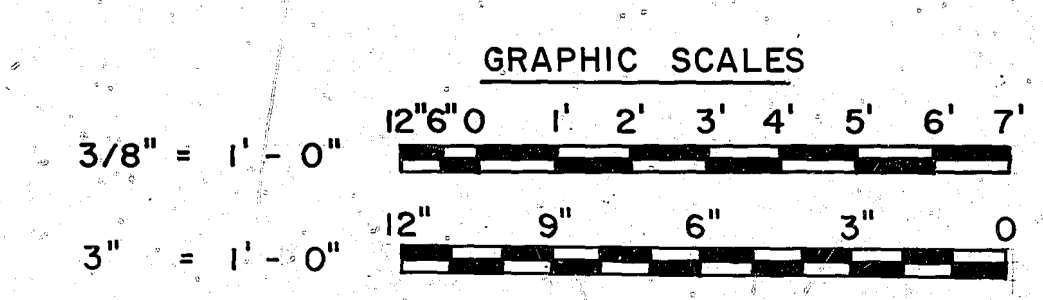
SECTION (C) 5/5
SCALE: 3/8" = 1'-0"



SECTION (D) 5/5
SCALE: 3/8" = 1'-0"

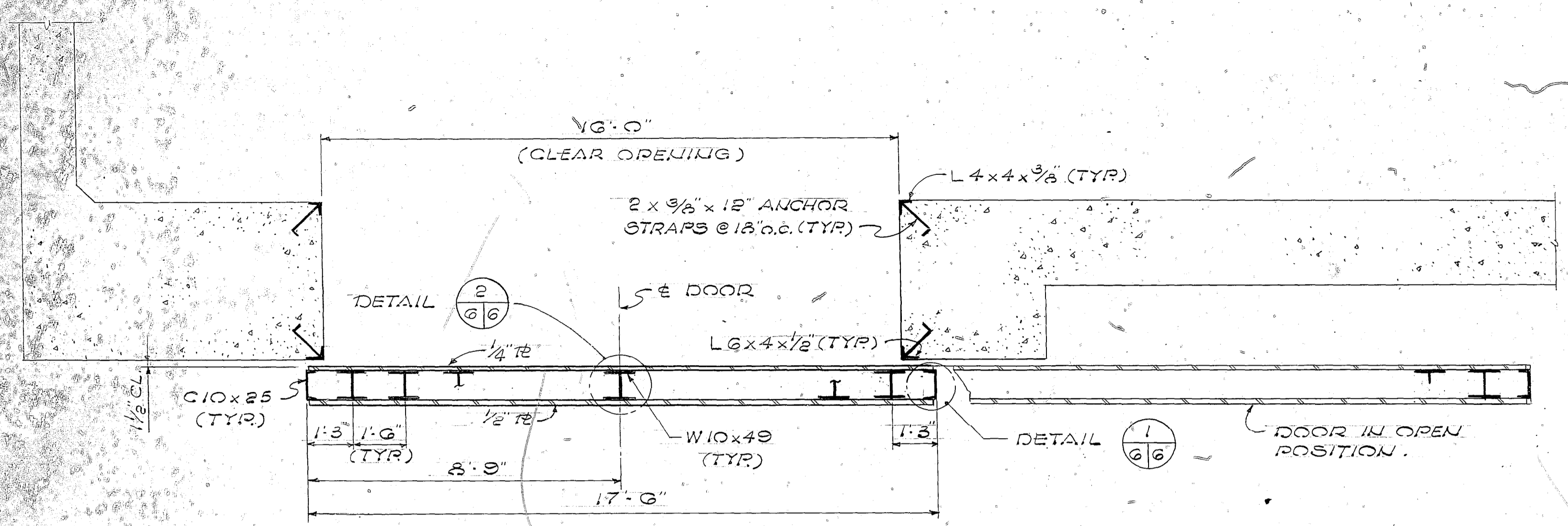


SECTION (B) 5/5
SCALE: 3/8" = 1'-0"
NOTE: PILASTER REINFORCEMENT ONLY



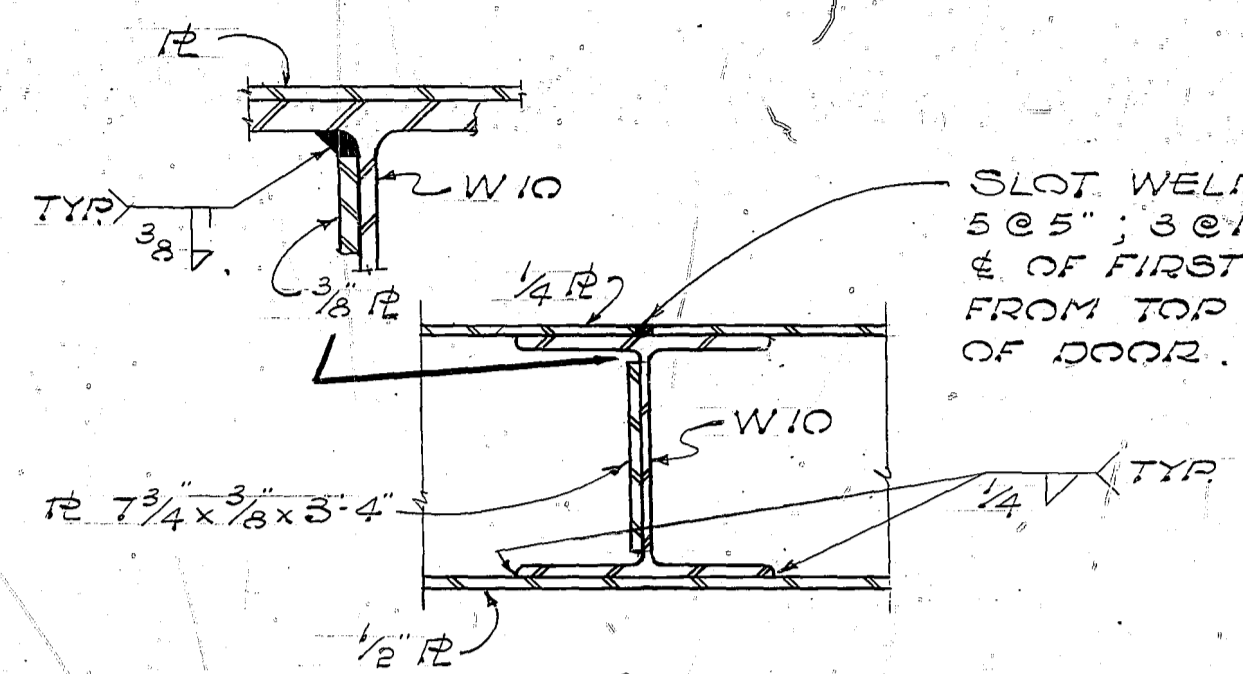
| | | |
|--|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| | AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER N.Y., N.Y. 200 STOVALL STREET ALEXANDRIA, VA. 22332 | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOVALL STREET ALEXANDRIA, VA. 22332 |
| | DSGN W/S: DRAFTER/CHK MD SHY/ALD: CHENGR DATE: 3-22-75 FIRM MEMBER/TITLE: | BOX MAGAZINE TYRE A STANDARD |
| | NAVFAC: RVD/1/Thompson HD: Thompson DIR 11/17/75 | NORTHERN DIVISION, NAVFAC RVD/1/Thompson HD: Thompson DIR 11/17/75 |
| | APPROVED: [Signature] FOR COMMANDER NAVFAC | DATE: 5-1-78 NAVFAC DRAWING NO. 1404004 F: 80091 CODE IDENT NO. 1404004 SCALE: AS NOTED SHEET 5 OF 8 |

| REVISIONS | | | |
|-----------|-------------|-----------|---------------|
| LTR | DESCRIPTION | PREP'D BY | DATE APPROVED |
| | | | |

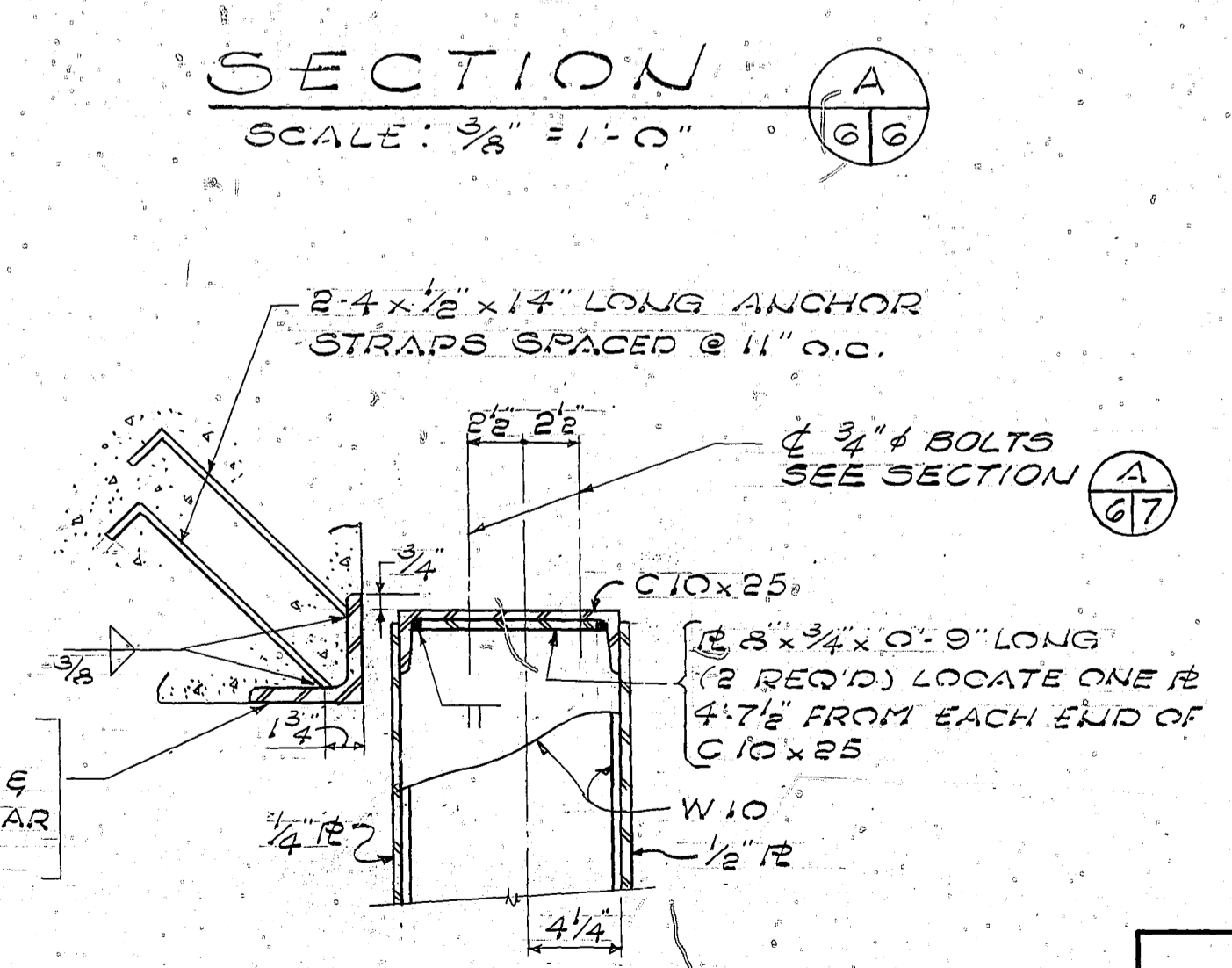
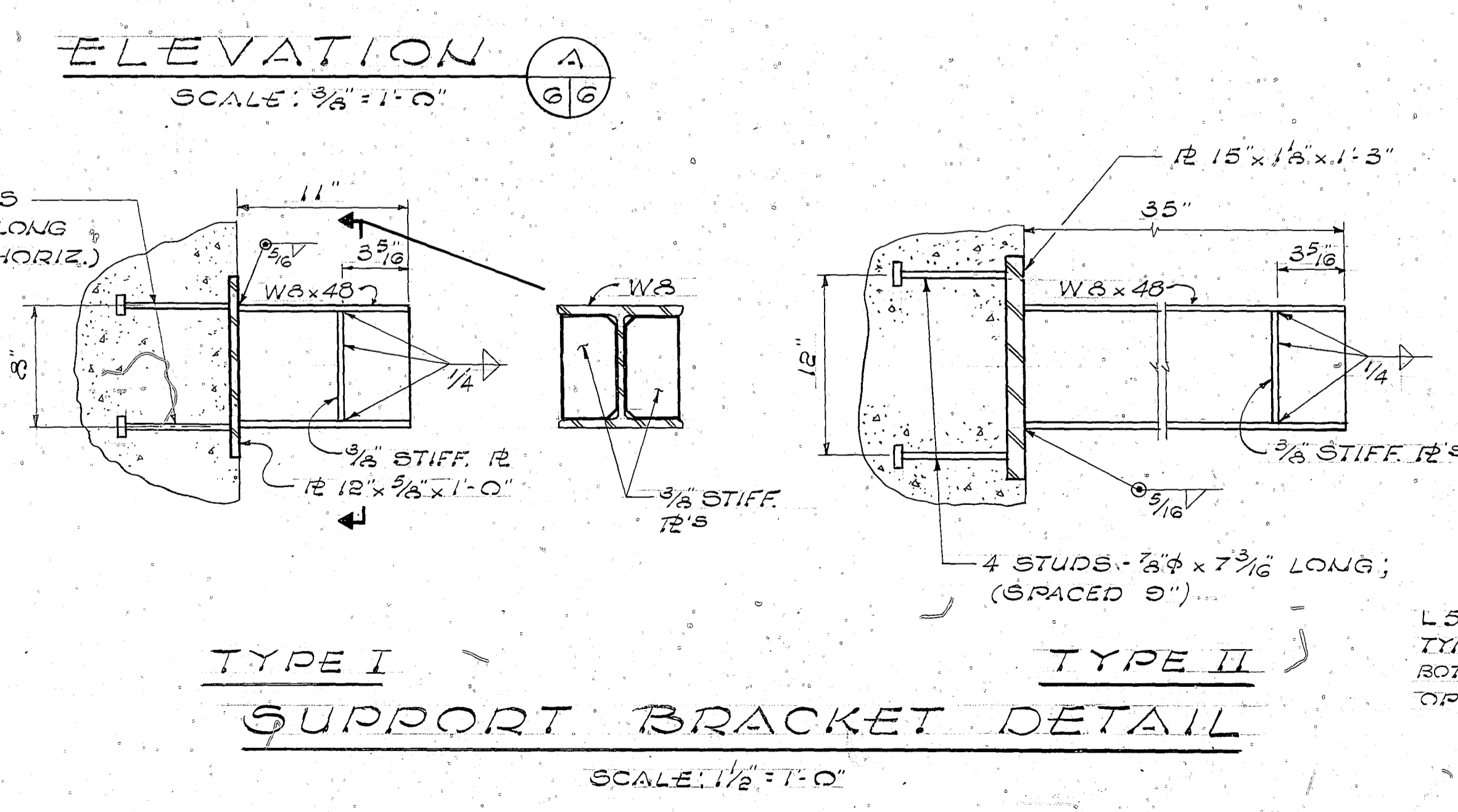
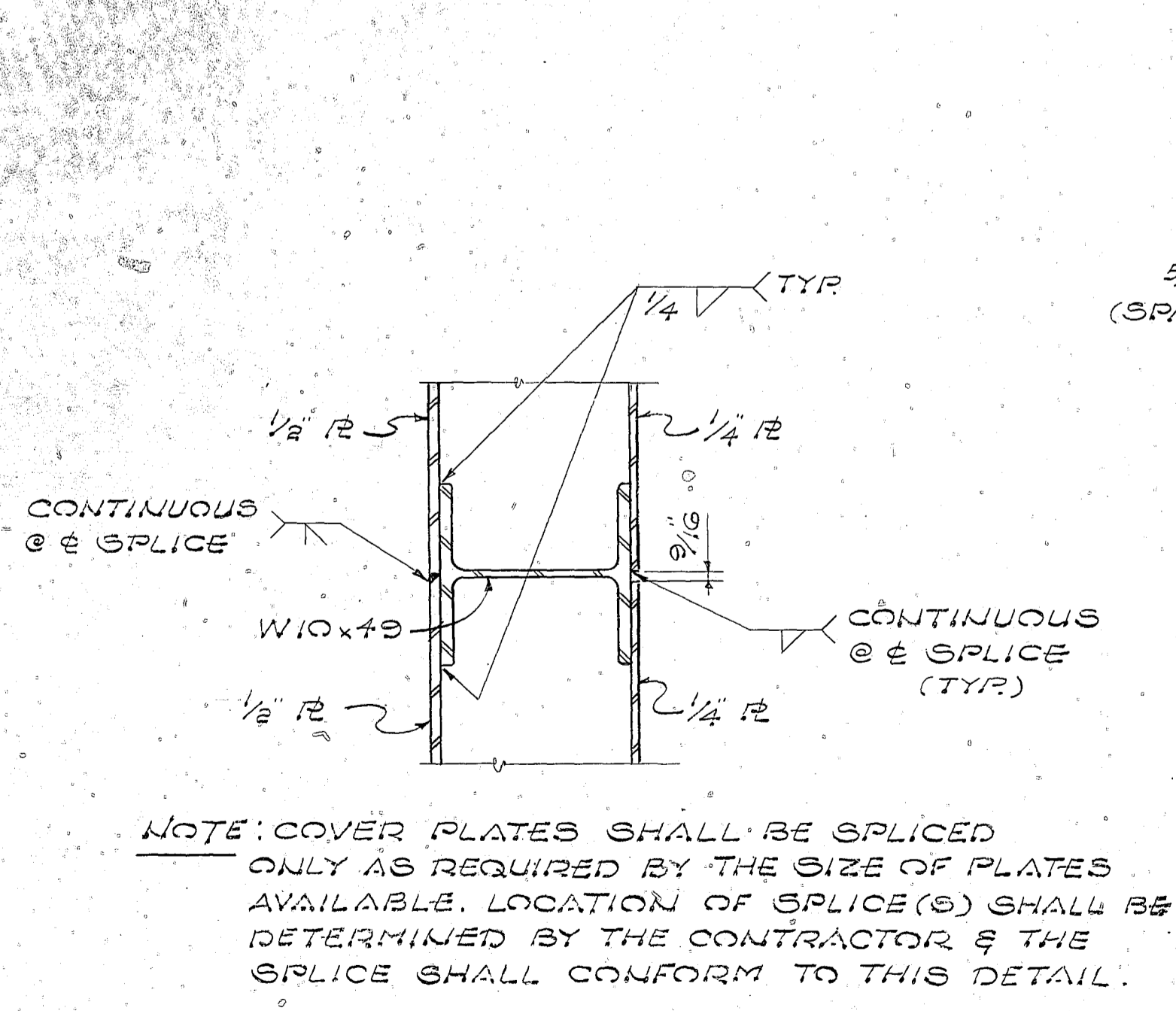
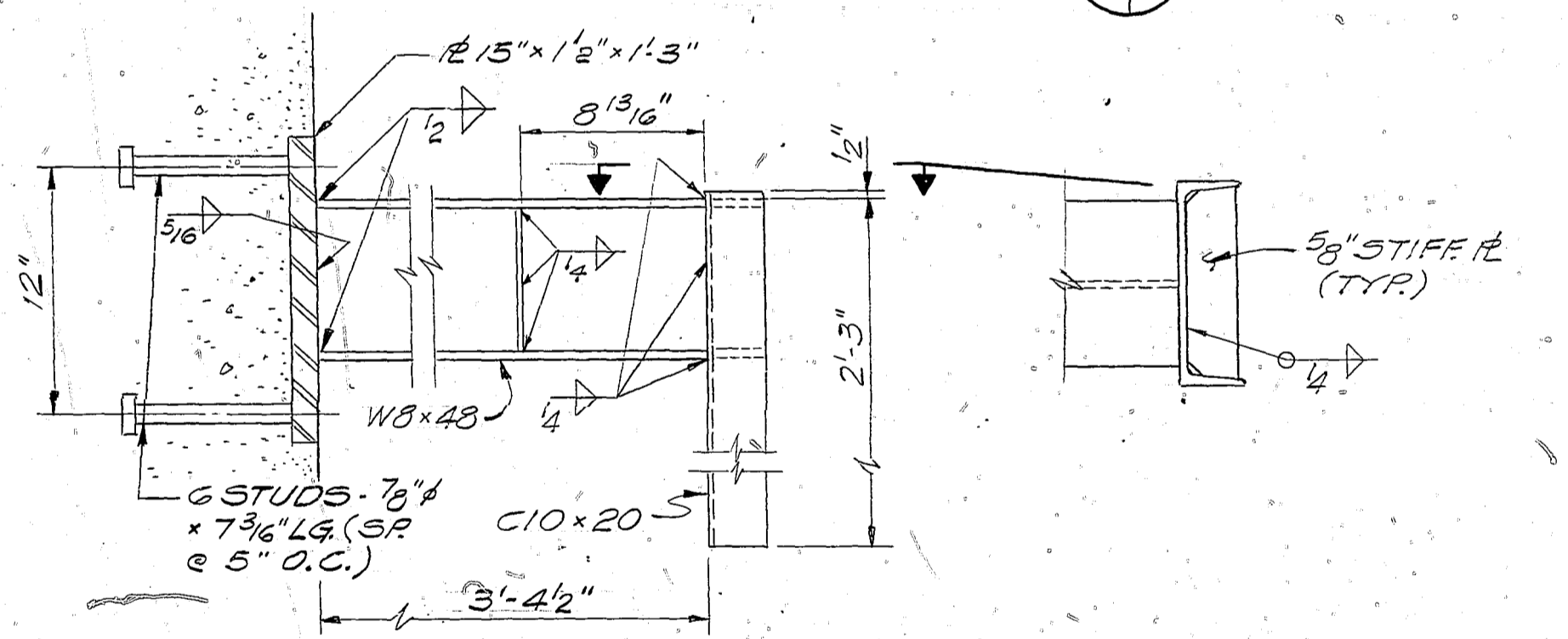
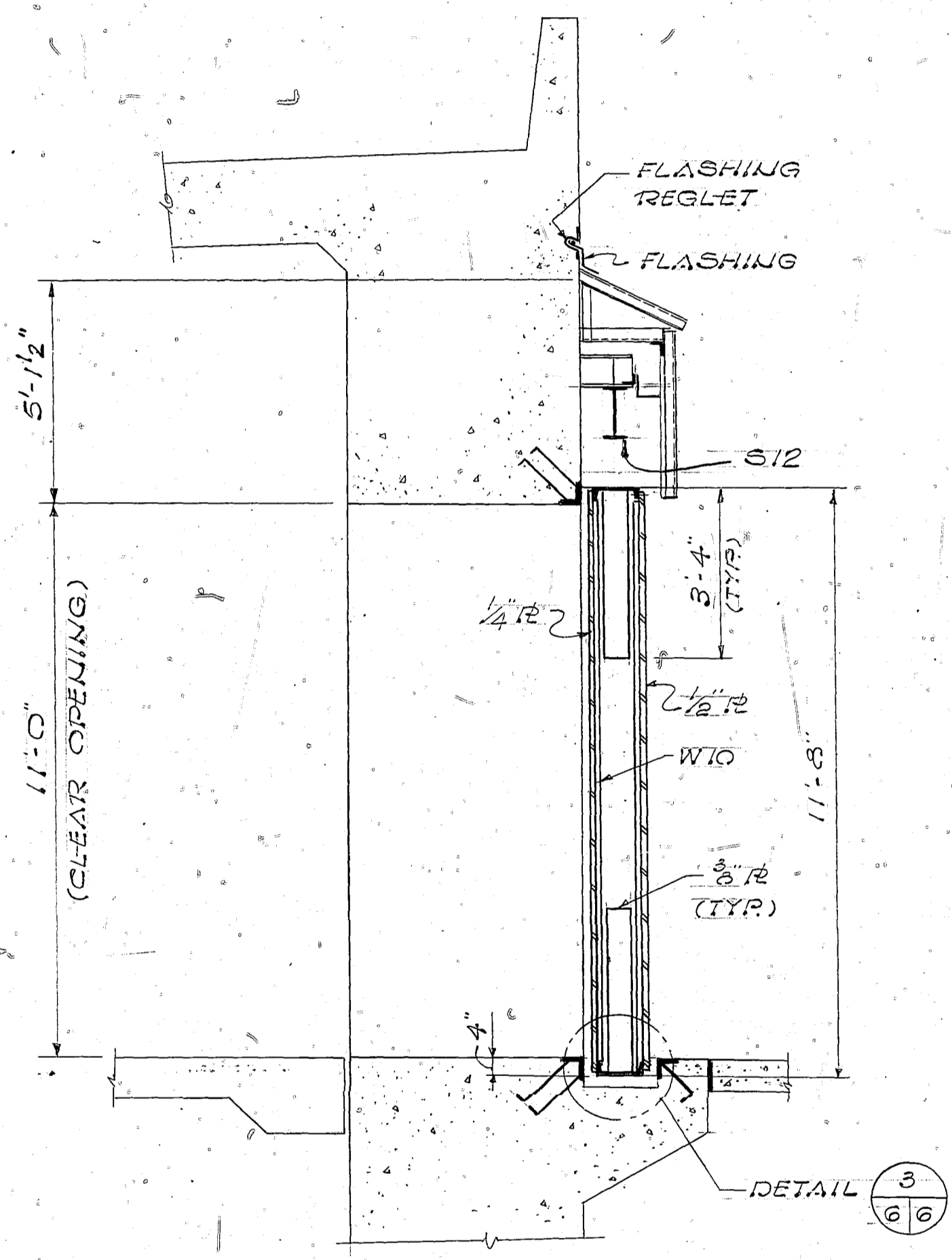
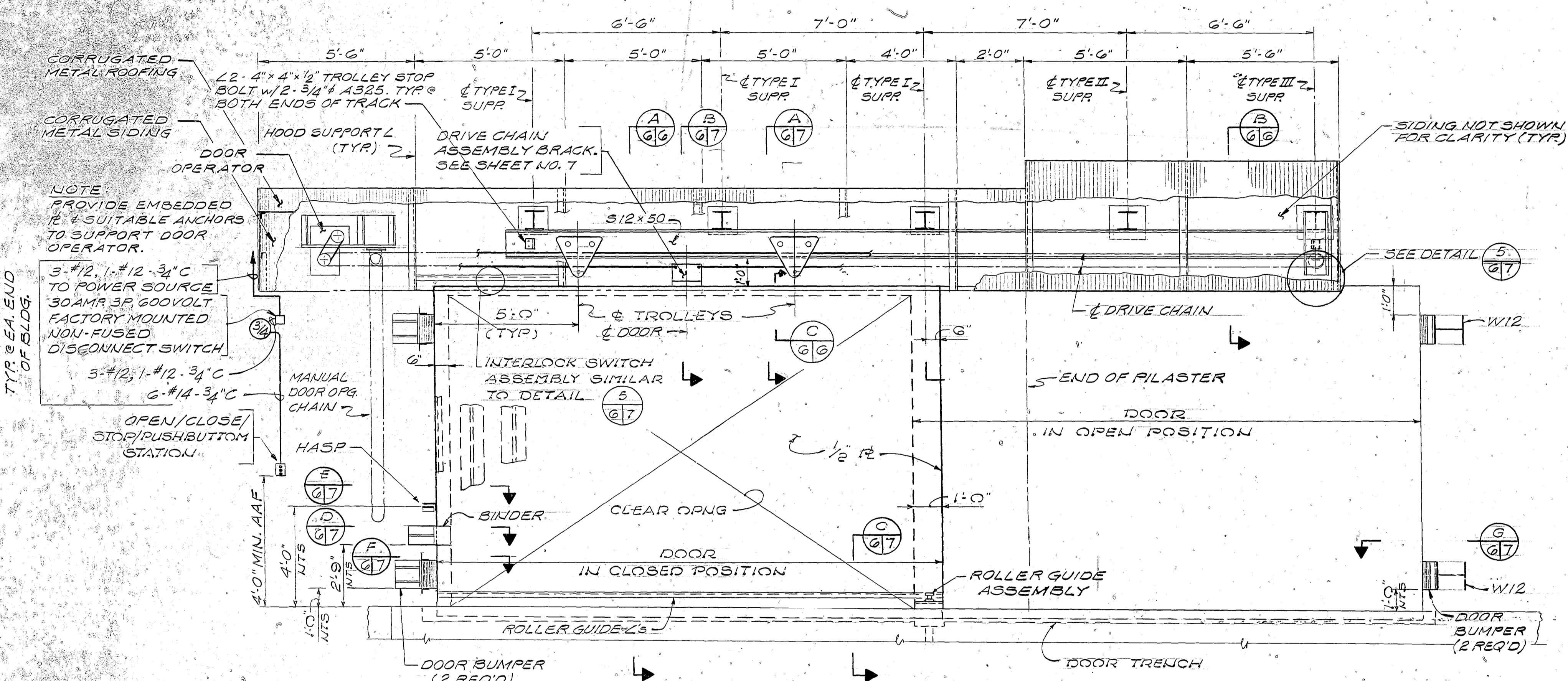
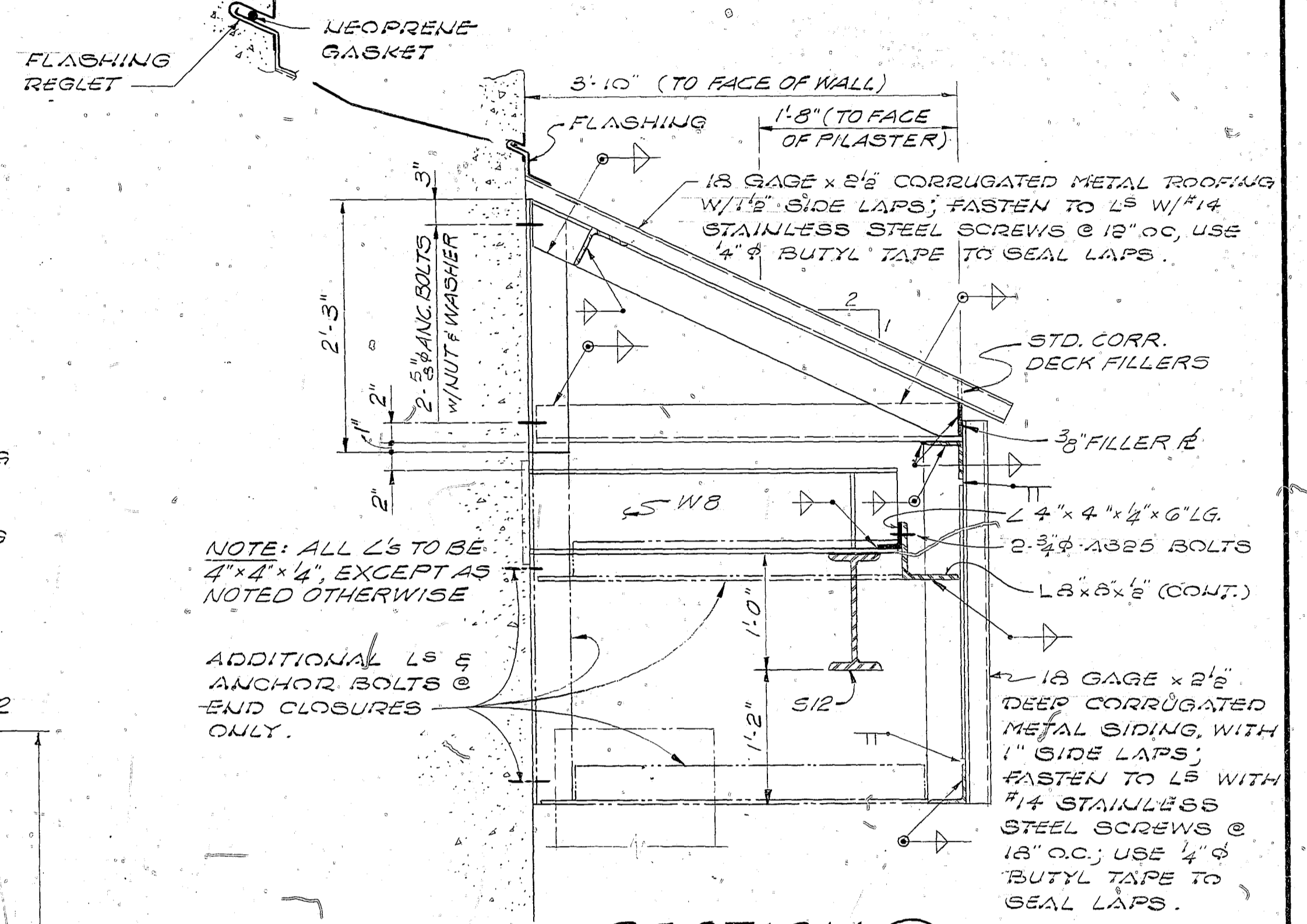


DETAIL 1
SCALE: 1 1/2" = 1'-0"

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



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



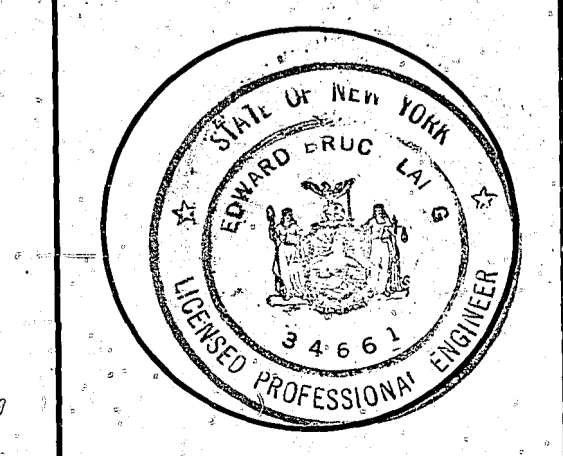
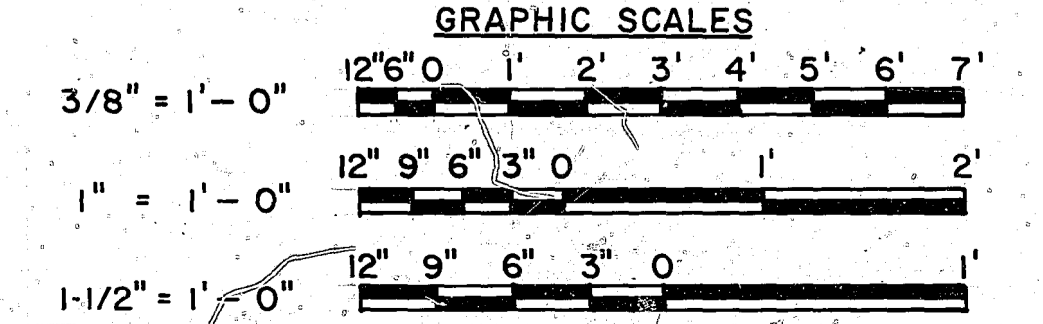
NOTES:
1. FOR PAINTING REQUIREMENTS, SEE SHEET 7.

COVER PLATE SPLICE DETAIL
SCALE: 1 1/2" = 1'-0"

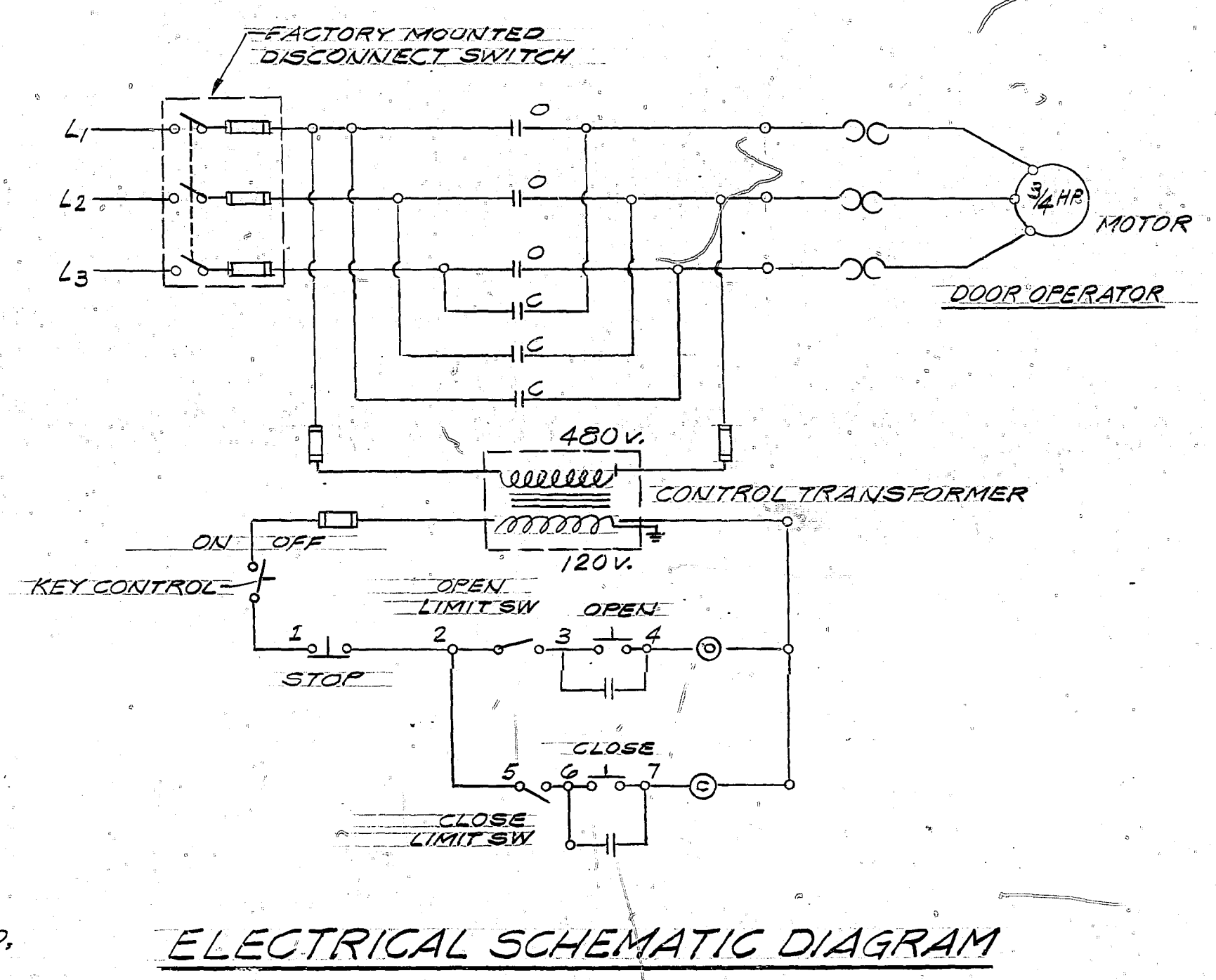
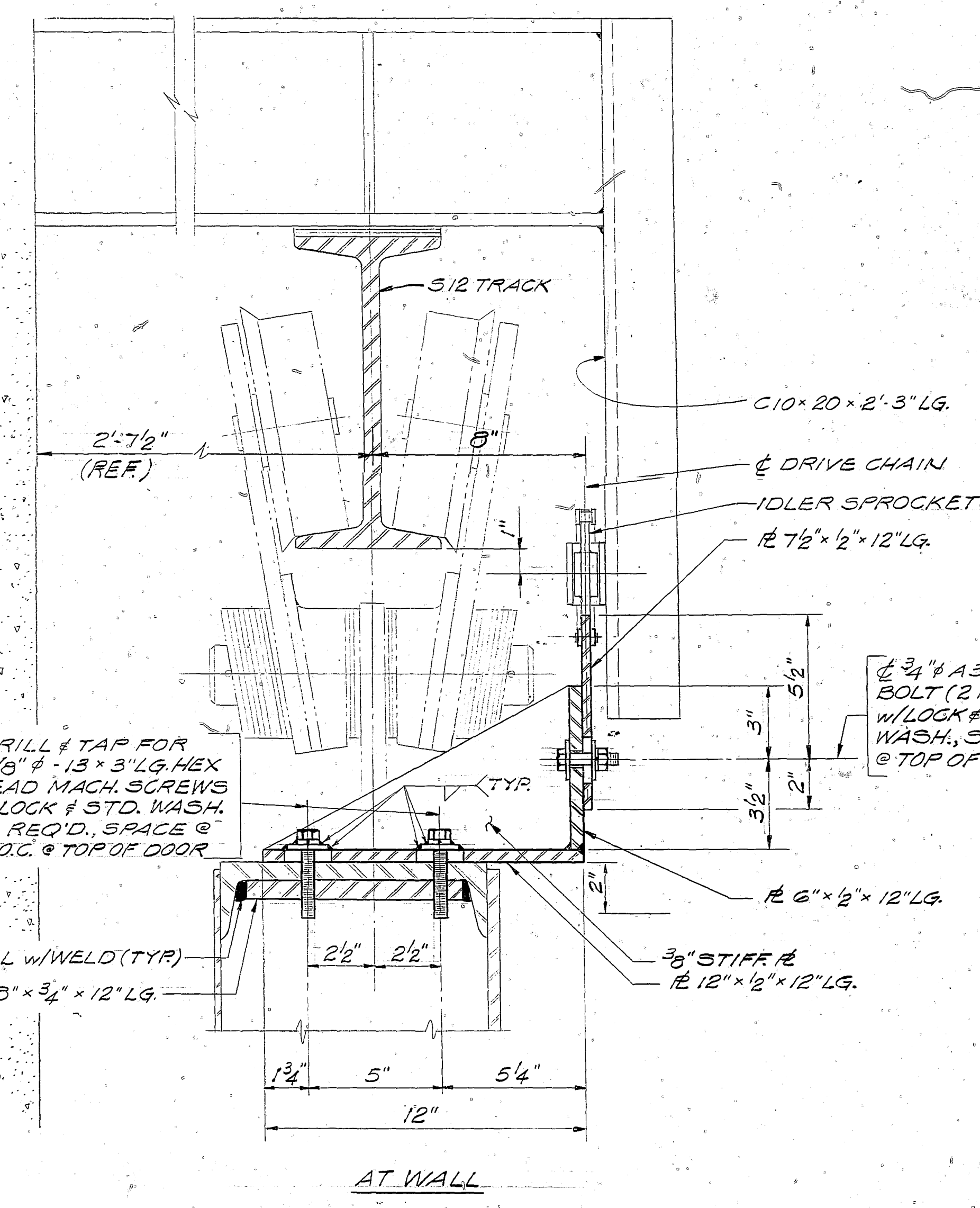
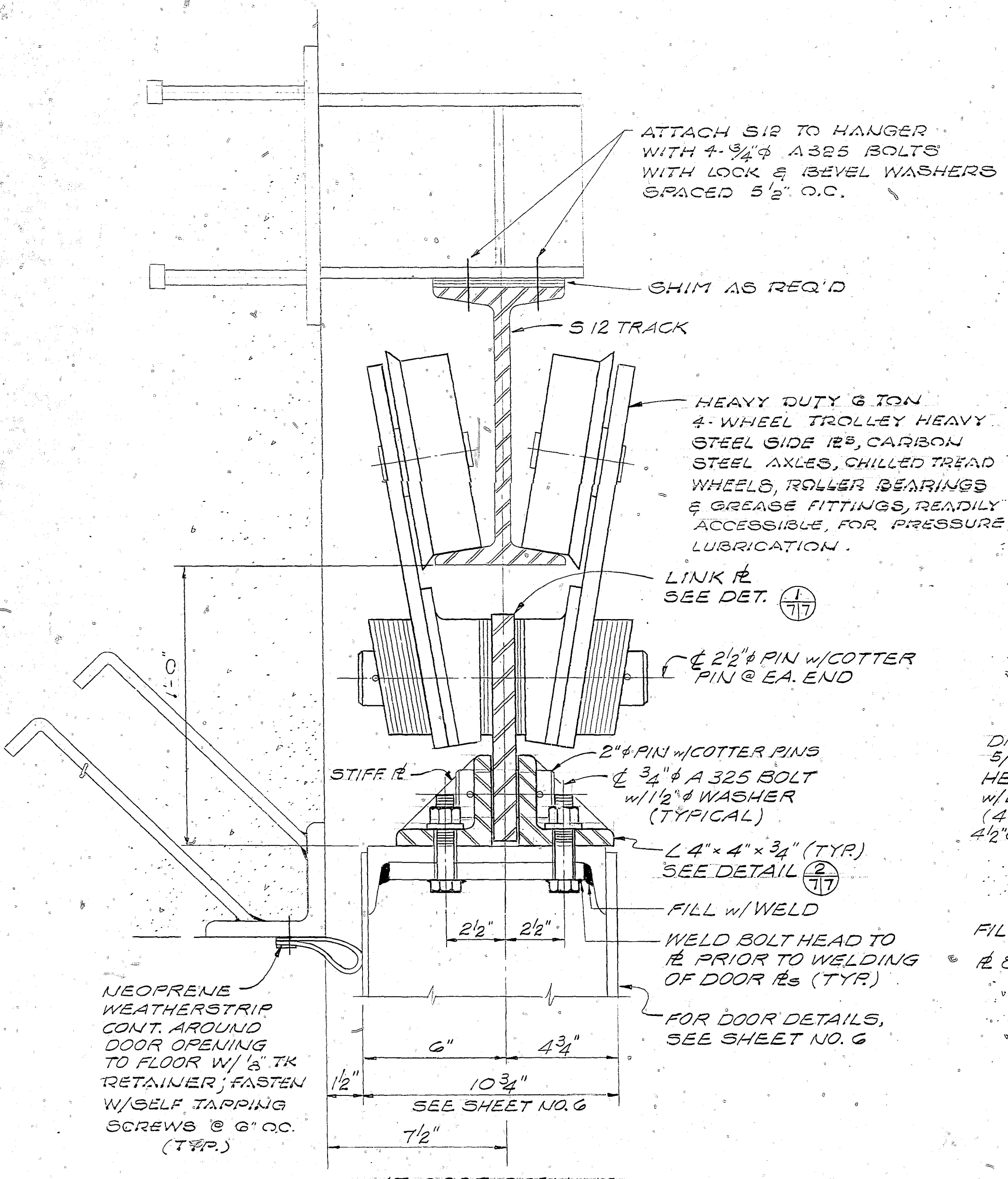
TYPE I SUPPORT BRACKET DETAIL
SCALE: 1 1/2" = 1'-0"

TYPE II SUPPORT BRACKET DETAIL
SCALE: 1 1/2" = 1'-0"

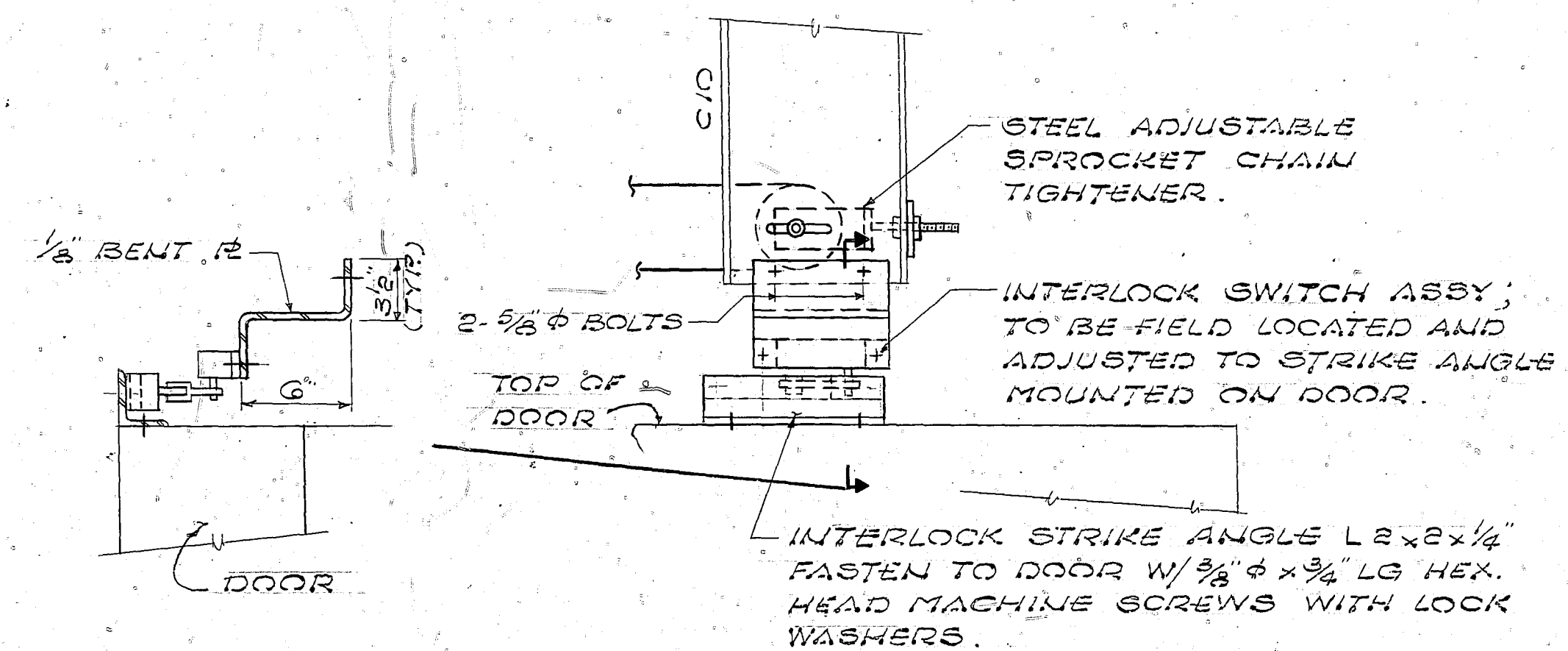
SECTION C
SCALE: 1 1/2" = 1'-0"



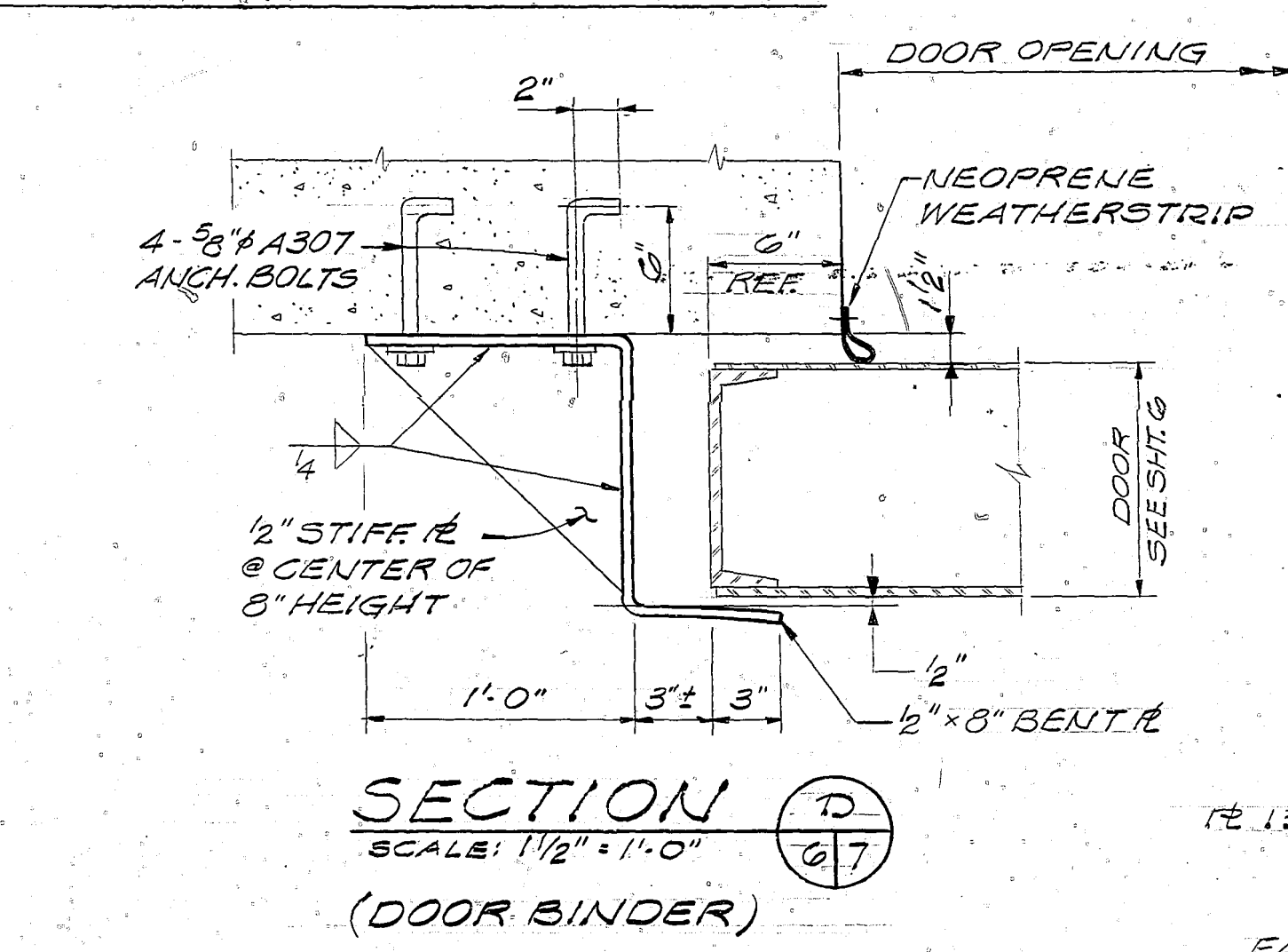
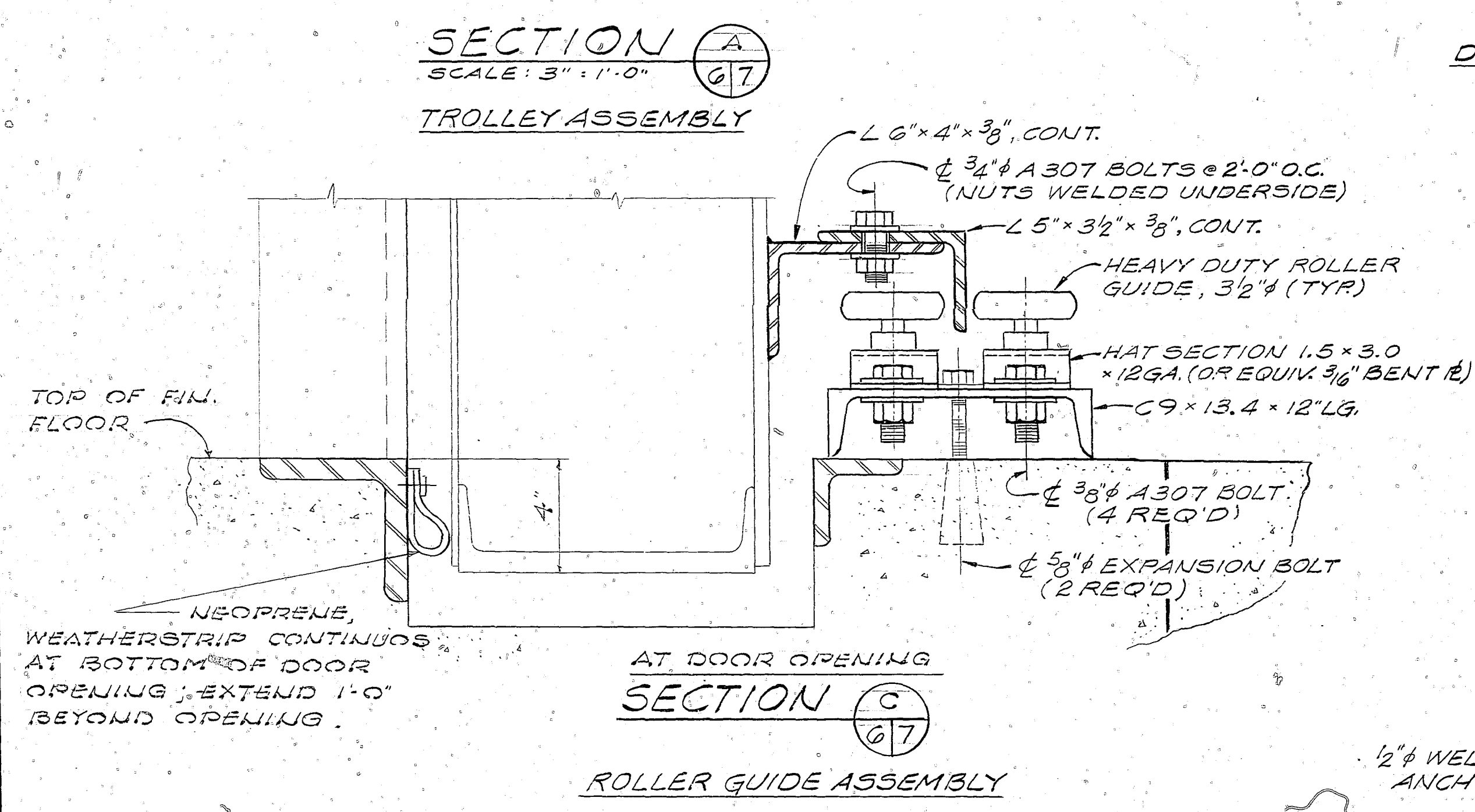
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER N.Y., N.Y. DSGN: JWS DRW: WAC CHK: MD SUPV: JWS CH ENGR FIRM MEMBER/TITLE: DATE: 3-22-78 NORTHERN DIVISION NAVFAC RVD: J. Whelan DIR: J. Whelan HD: J. Whelan OIC: J. Whelan NAVFAC HD: J. Whelan DIR: J. Whelan | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOVALL STREET ALEXANDRIA, VA. 22332 | |
| | BOX MAGAZINE TYPE A STANDARD | |
| SLIDING DOOR DETAILS | | SIZE: F CODE IDENT NO: 80091 NAVFAC DRAWING NO: 1404005 |
| APPROVED: J. Whelan DATE: 5-1-78 FOR COMMANDER NAVFAC | SCALE: AS NOTED | SHEET 6 OF 8 |



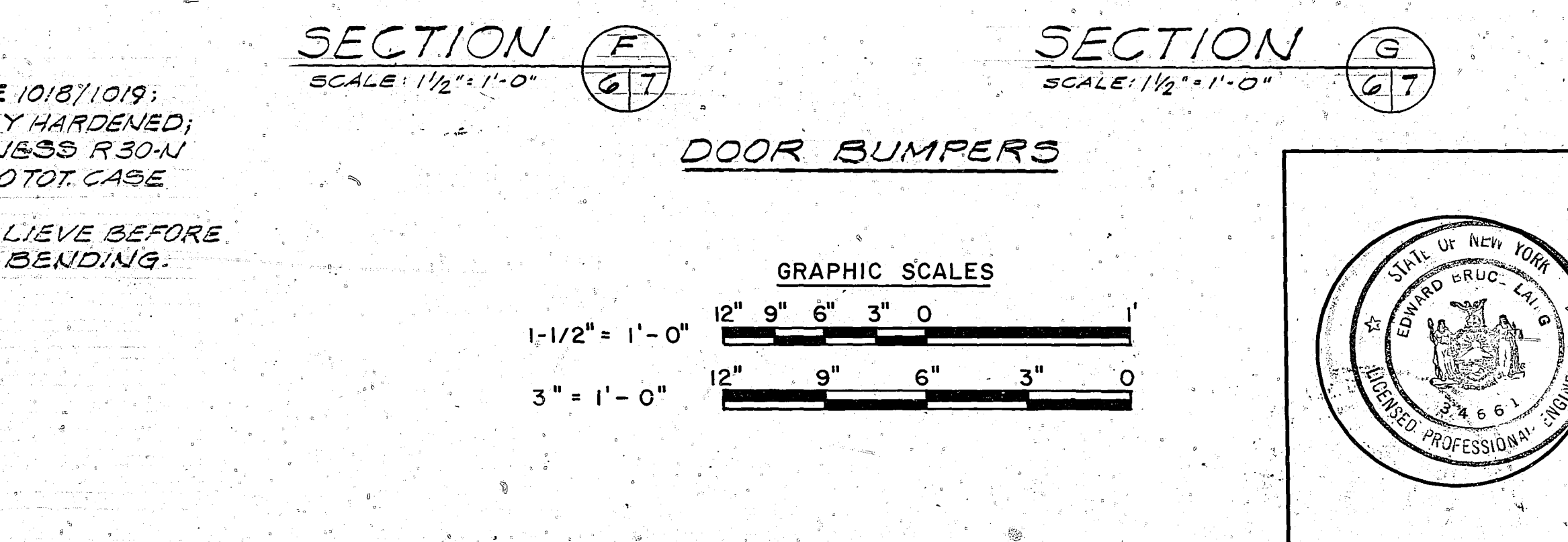
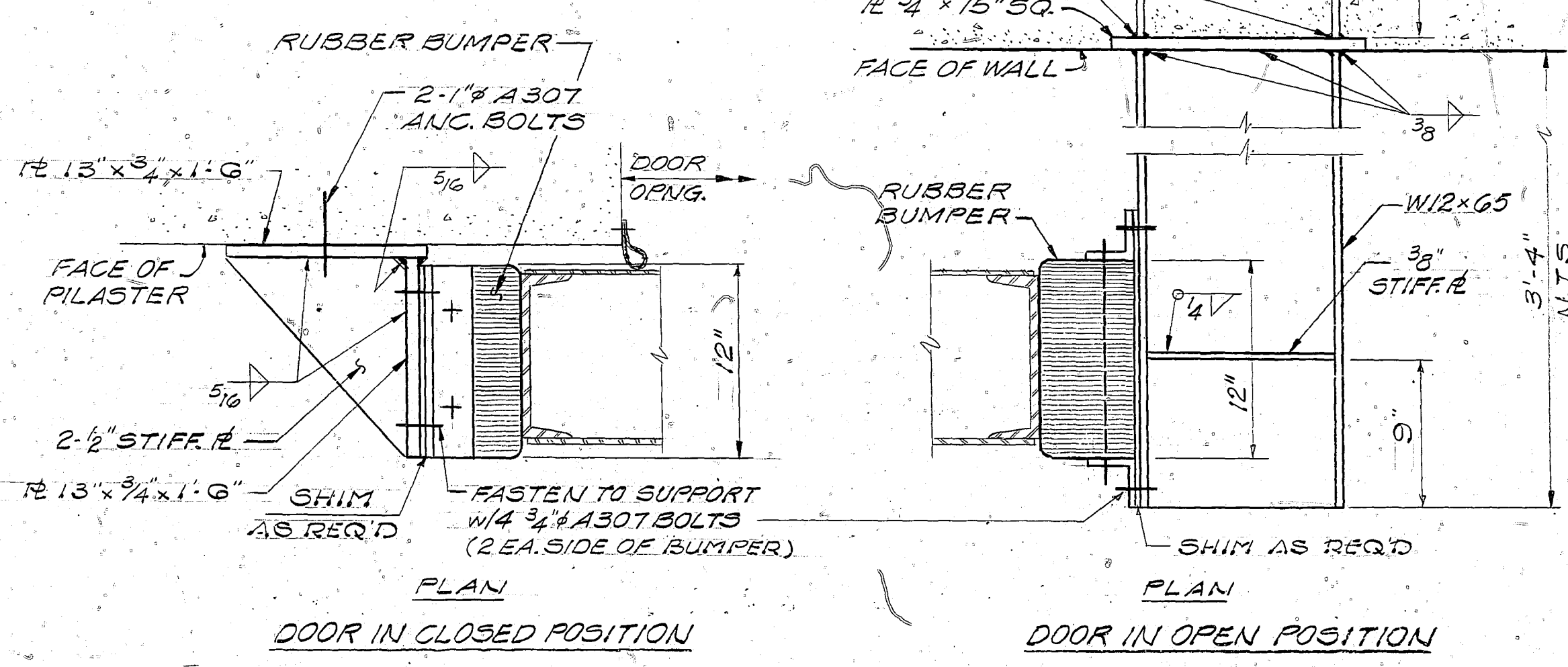
- NOTES:**
- DOOR REQUIREMENTS:**
- ALL DUST, DIRT, OIL, GREASE, WELD FLUX RESIDUE, SALTS, RUST SCALE, LOOSE RUST & OTHER FOREIGN MATTER THAT MAY INHIBIT PAINT BOND TO STRUCTURAL STEEL SHALL BE REMOVED IN THE SHOP IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL (SSPC), SP-6.
 - EXCEPT FOR CONTACT SURFACES OF MOVING PARTS ALL EXPOSED SURFACES OF STRUCTURAL STEEL SHALL RECEIVE ONE 1.5 MIL (DRY) COAT OF ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645. UNEXPOSED SURFACES SHALL RECEIVE 1.0 MIL (DRY) COAT OF ASPHALT VARNISH CONFORMING TO FEDERAL SPECIFICATION TT-V-51. ALL PRIMER COATING SHALL BE PERFORMED IN THE SHOP.
 - ALL EXPOSED SURFACES OF STRUCTURAL STEEL SHALL RECEIVE TWO FIELD COATS OF PAINT WITH A MINIMUM THICKNESS OF 4.0 MIL (DRY) CONFORMING TO FEDERAL SPECIFICATION TT-P-105 OR TT-P-37.
 - DOOR & HARDWARE SHALL BE SHOP ASSEMBLED TO INSURE PROPER CONTACT, CLEARANCES, ALIGNMENT & ENGAGEMENT OF THE DOORS & SMOOTH OPERATION OF LOCKING & DRIVE MECHANISMS. THIS ASSEMBLY WILL BE AT NO ADDITIONAL COST TO THE GOVERNMENT.
 - ALL WEATHER STRIPPING SHALL BE CLOTH INSERTED NEOPRENE ONE-EIGHTH INCH (1/8") THICK, & CONFORMING TO THE FEDERAL SPECIFICATION HH-P-151.
 - ALL PINS, BEARINGS, GEARS, SPROCKETS, SHAFTS AND SHEAVES SHALL BE DESIGNED FOR A DOOR LIFE OF 50,000 CYCLES OF OPERATION.



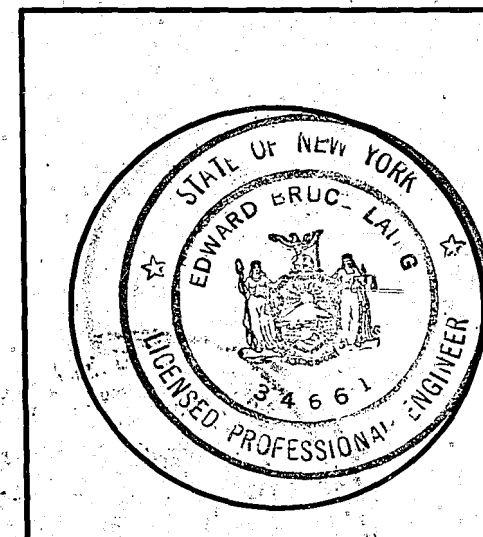
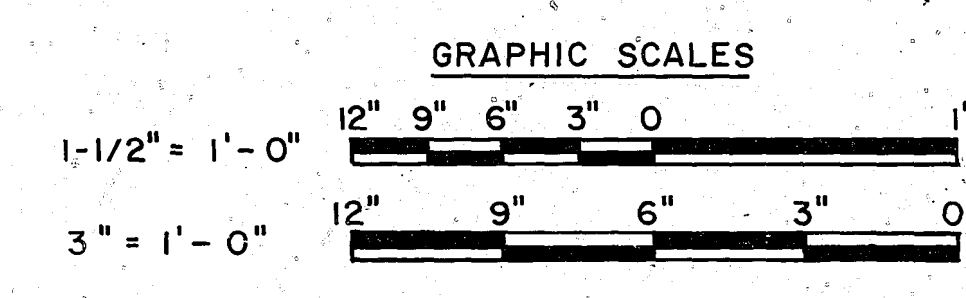
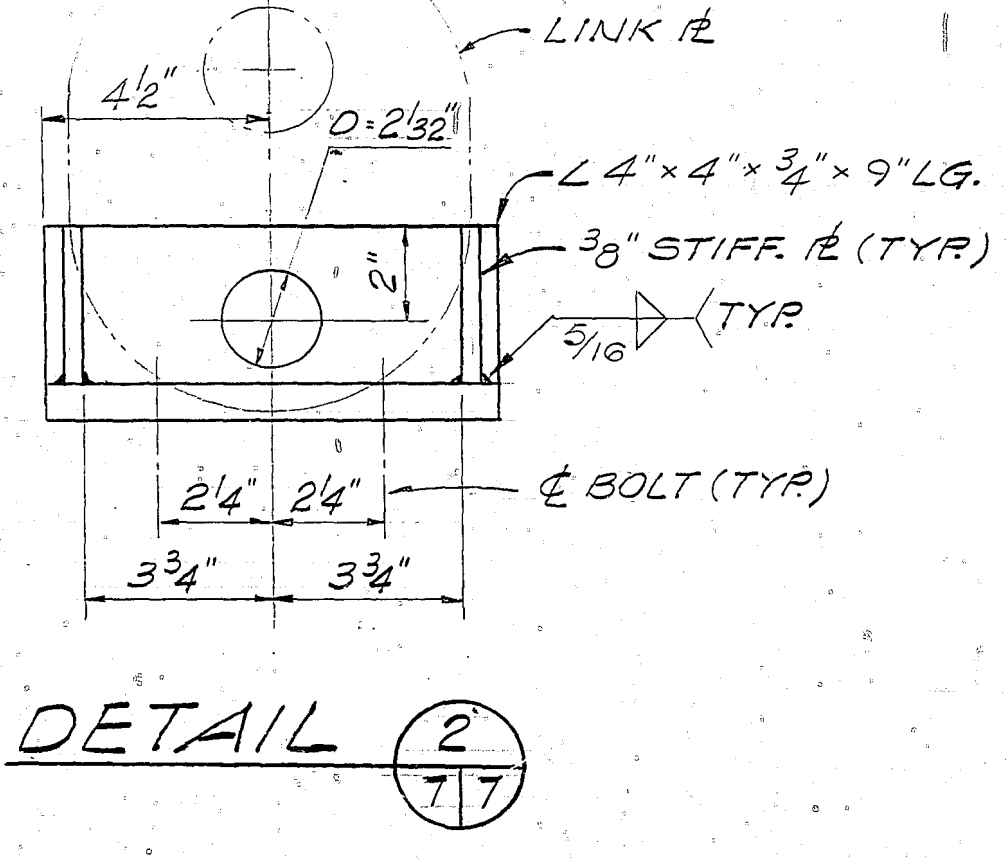
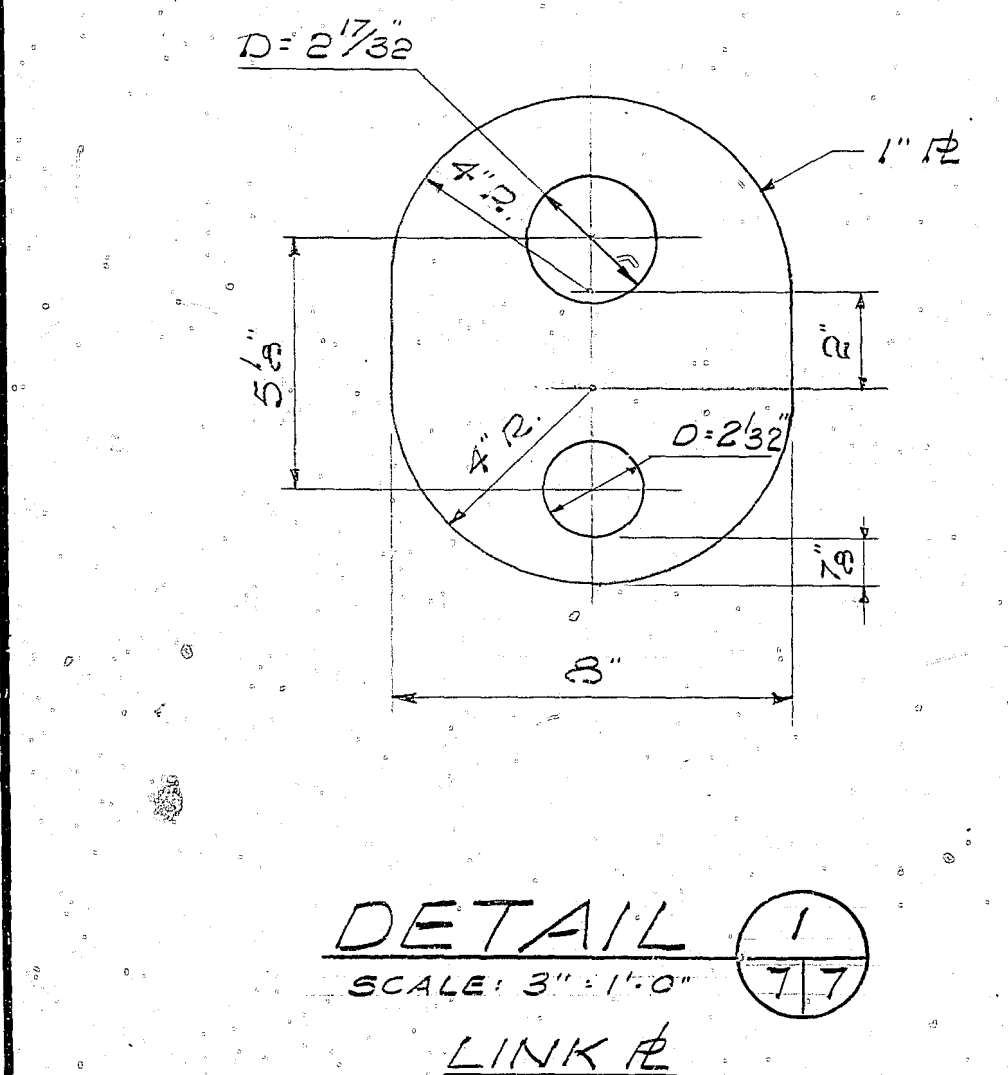
- ELECTRICAL REQUIREMENTS:**
- ALL EQUIPMENT GROUNDING CONDUCTORS & STRAPS SHALL BE SIZED IN COMPLIANCE WITH THE NEC.
 - GROUNDING CONDUCTORS SHALL BE PROVIDED WITH GREEN INSULATION EQUIVALENT TO THE INSULATION ON THE ASSOCIATED PHASE CONDUCTORS.
 - FEEDER & BRANCH CIRCUIT GROUNDING CONDUCTORS SHALL BE BRAZED TO THE GROUNDING BAR OR CONNECTED WITH APPROVED PRESSURE CONNECTORS.
 - WIRING SHALL BE INSTALLED IN A RIGID CONDUIT.



- DOOR OPERATOR REQUIREMENT:**
- DESIGN REQUIREMENTS - (a) OUTDOOR OPERATION (b) 50 PSF WIND LOAD, (c) 15 FPM VELOCITY FOR OPENING AND CLOSING DOOR.
 - GEARS, SHAFTS AND SPROCKETS - ALL GEARS IN SPEED REDUCTION UNIT SHALL BE THE MACHINED TYPE. GEARS AND SHAFTS SHALL BE MOUNTED WITH LONG-LIFE BEARINGS, ENCLOSED IN OIL TIGHT HOUSING AND OPERATED AT ALL TIMES IN AN OIL BATH. ALL SPROCKETS SHALL BE FROM STEEL PLATES.
 - CASTINGS - SHEAVES & OTHER CASTINGS SHALL BE CLOSE GRAINED ALLOYED GRAY CAST IRON.
 - ROLLER CHAINS - ALL ROLLER CHAINS SHALL BE HEAVY DUTY, HIGH STRENGTH, PRECISION ASSEMBLED, AND DESIGNED FOR A SAFETY FACTOR OF 5.
 - MOTOR - THE MOTOR SHALL OPERATE NORMALLY AT NO MORE THAN 75 PERCENT OF RATED CAPACITY.
 - LIMIT SWITCHES - TYPE: MECHANICALLY ACTUATED. LIMIT SWITCH SHALL STOP THE DOOR AT END OF TRAVEL (OPEN AND CLOSED POSITIONS).
 - PUSH BUTTON STATION - PUSH BUTTON UNIT SHALL BE A CONSTANT PRESSURE, HEAVY DUTY WEATHER PROOF CONTROL STATION.
 - EMERGENCY OPERATION PROVIDE A CHAIN-GEAR MECHANISM FOR MANUAL OPERATION OF THE DOOR IN THE EVENT OF A ELECTRICAL FAILURE. A MOTOR DISCONNECT, USING A MECHANICAL DEVICE, SHALL BE PROVIDED FOR EMERGENCY OPERATION.

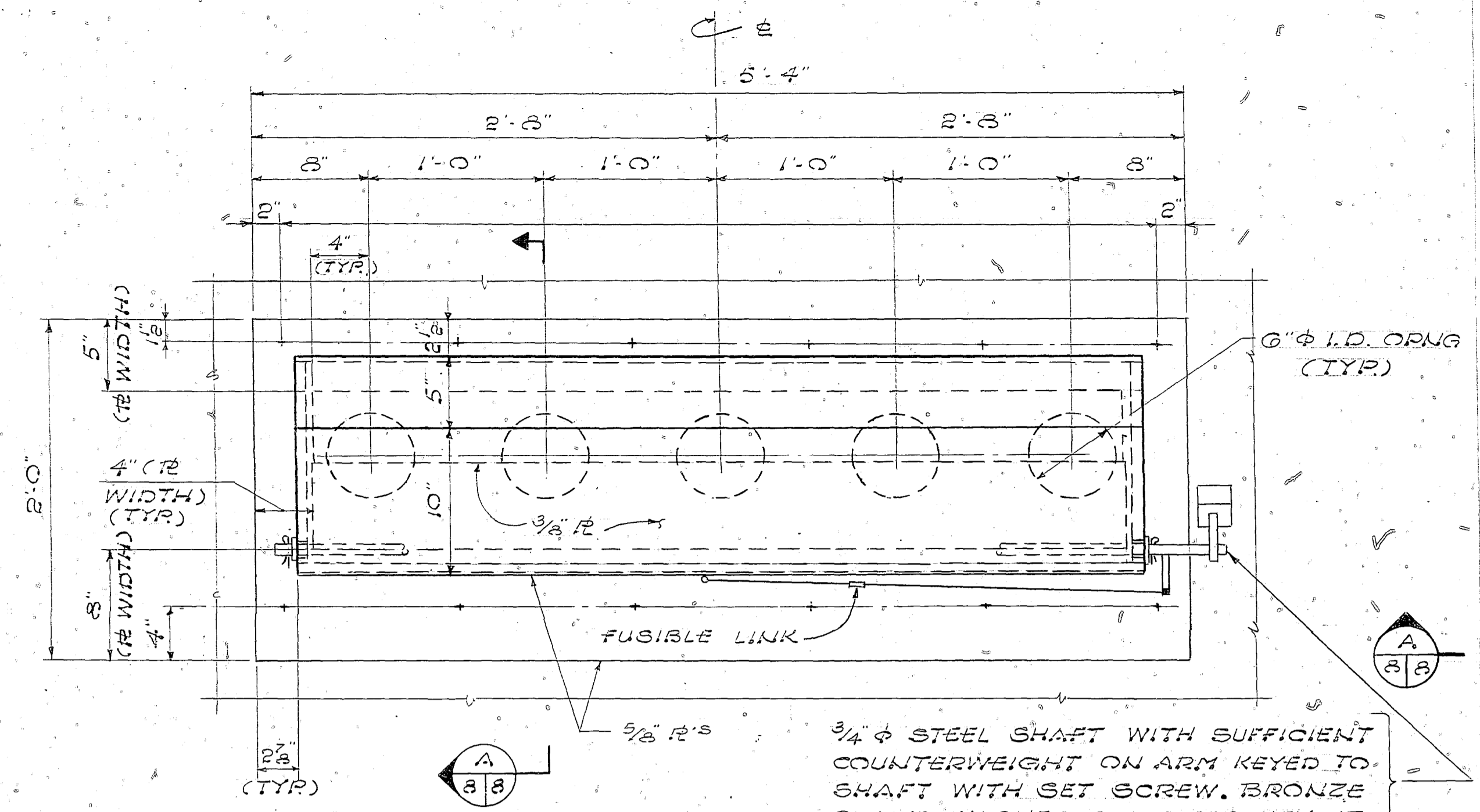


- NOTES:**
- MAT'L - SAE 1018/1019; SELECTIVELY HARDENED; CASE HARDNESS R30N TO MIN.; .040 TOT. CASE DEPTH.
 - STRESS RELIEVE BEFORE AND AFTER BENDING.

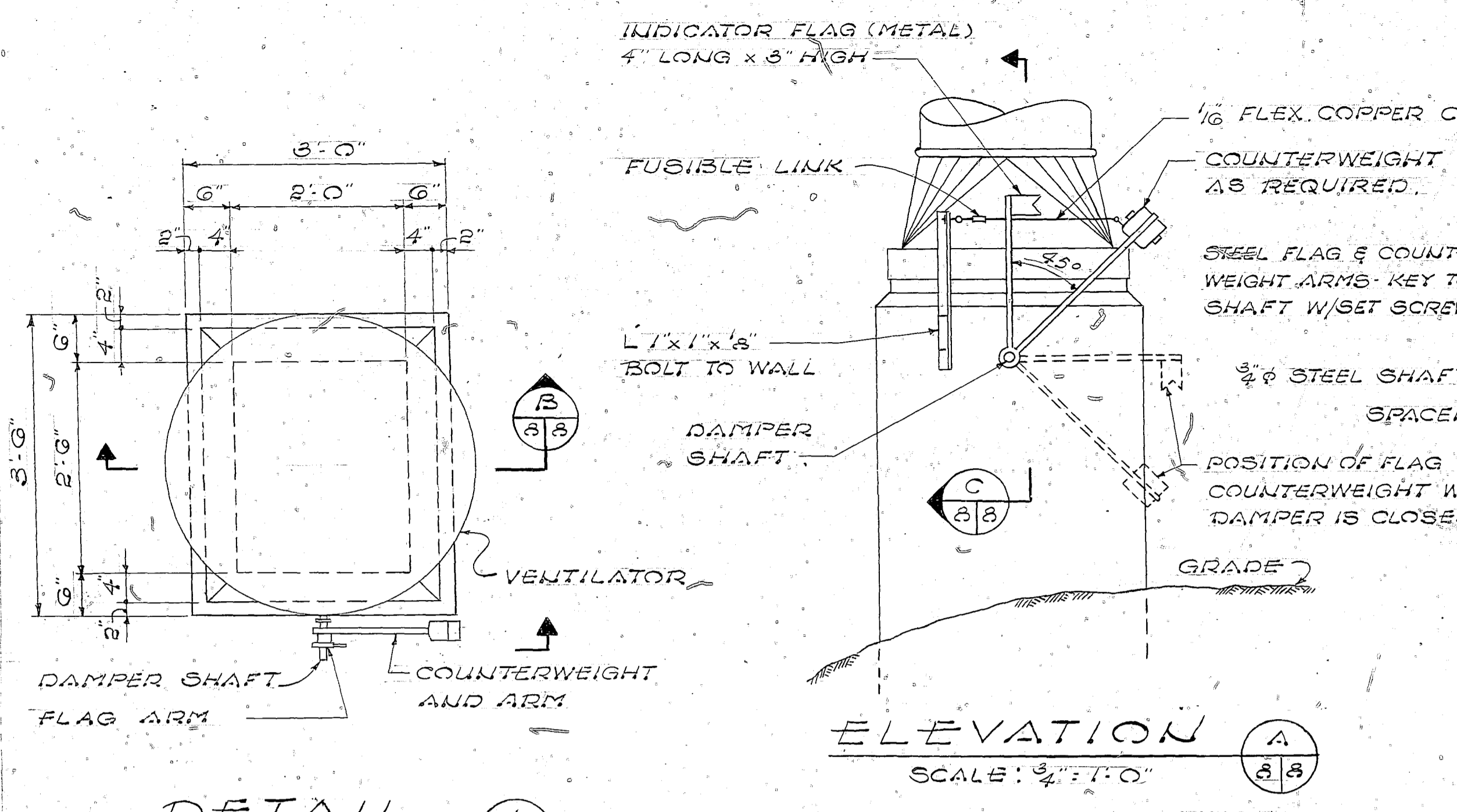


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|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER N.Y., N.Y. | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOVALL STREET ALEXANDRIA, VA. 22332 |
| DESIGN BY: DR. F. W. B. CH. ENGR. CHECKED BY: CH. ENGR. DATE: 5-24-78 | BOX MAGAZINE TYPE A STANDARD |
| NORTHERN DIVISION NAVFAC RVD/... HD A... | SLIDING DOOR DETAILS |
| APPROVED: [Signature] DATE: 5-17-78 FOR COMMANDER NAVFAC | SIZE: F CODE IDENT NO.: 80091 NAVFAC DRAWING NO.: 1404006 |
| | SHEET 7 OF 8 |

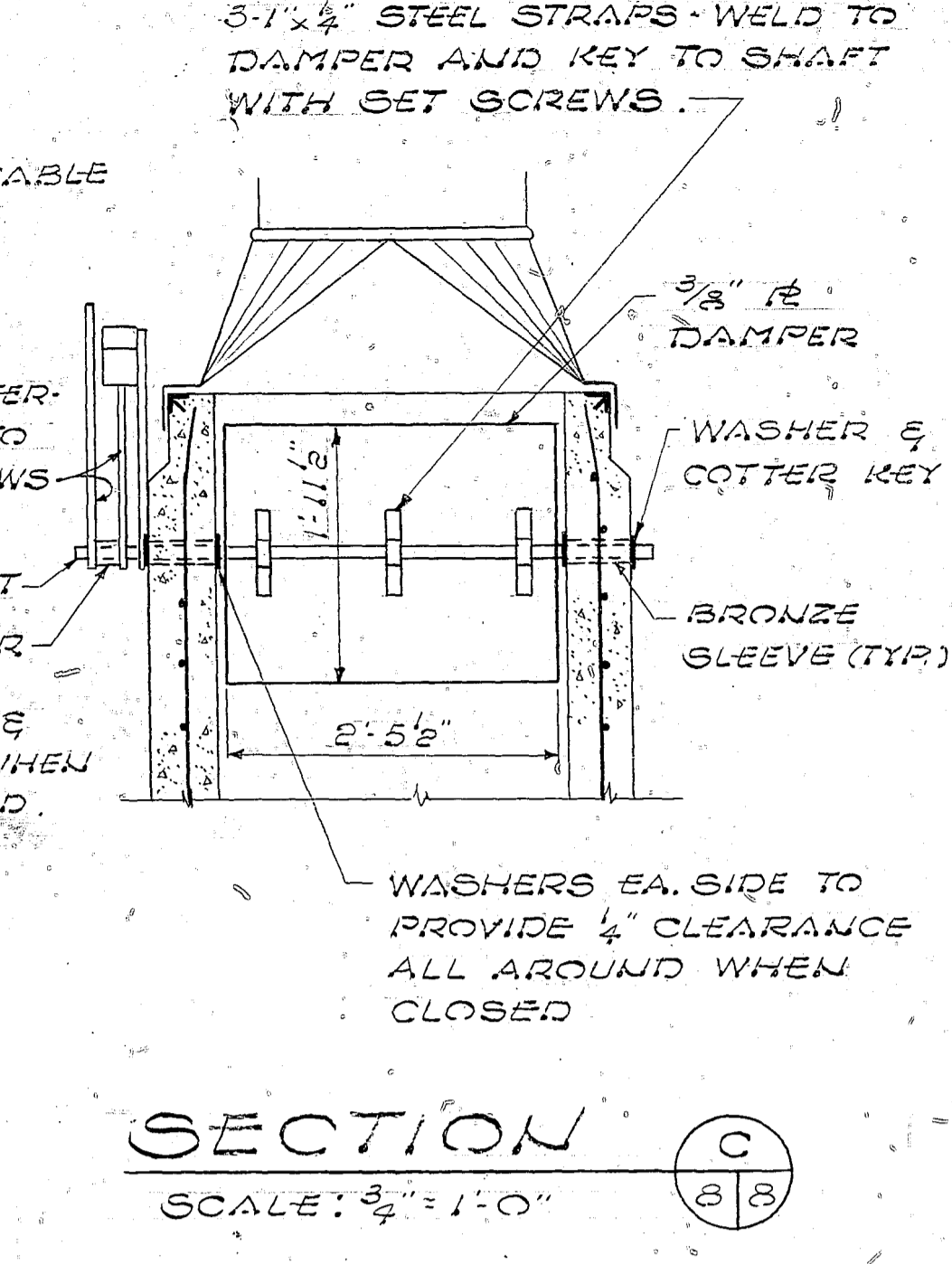
| LTR | DESCRIPTION | REVISIONS | | |
|-----|-------------|-----------|------|----------|
| | | PREP'D BY | DATE | APPROVED |
| | | | | |



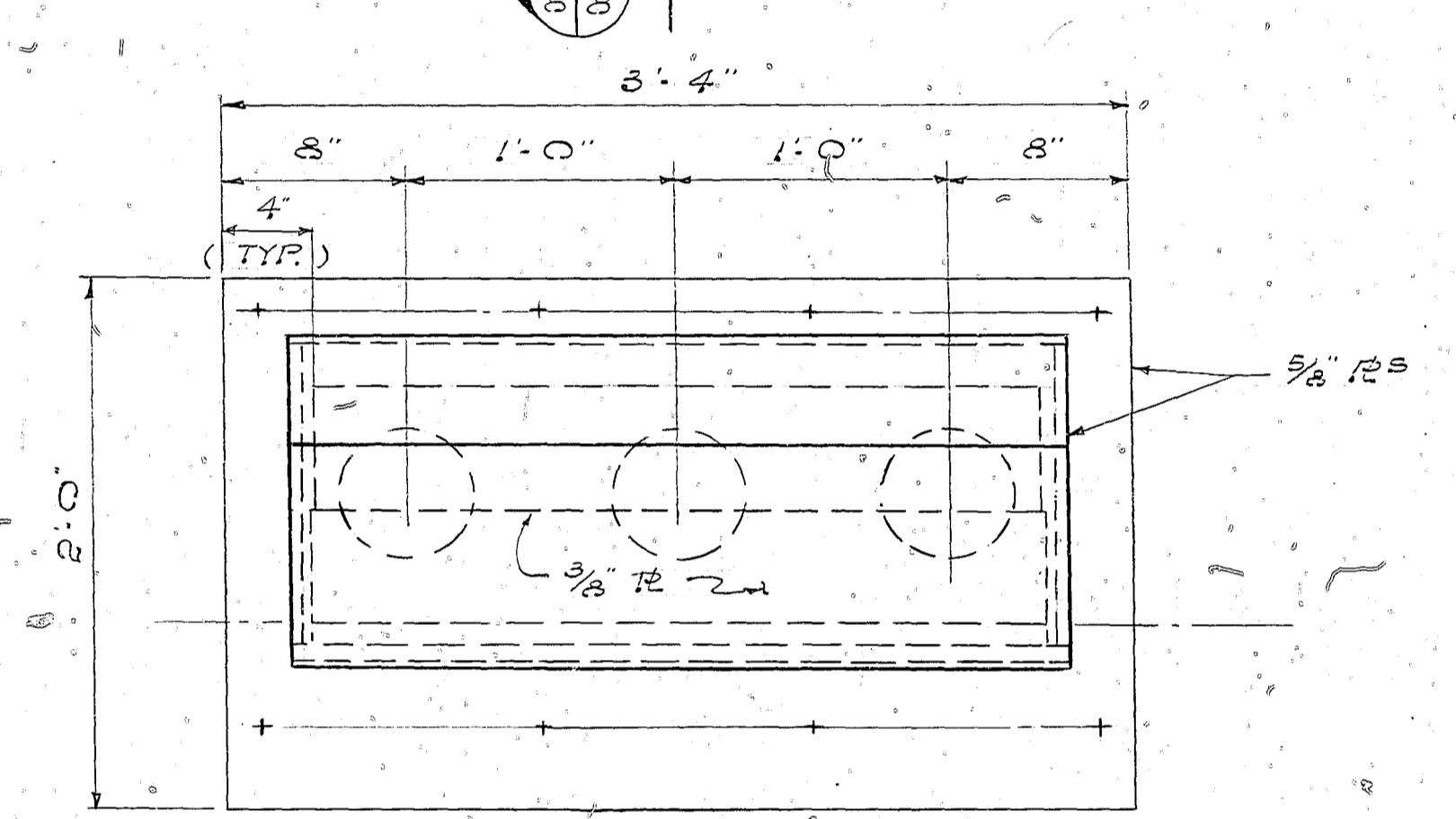
DETAIL 1
SCALE: 1 1/2" = 1'-0" (A/B)



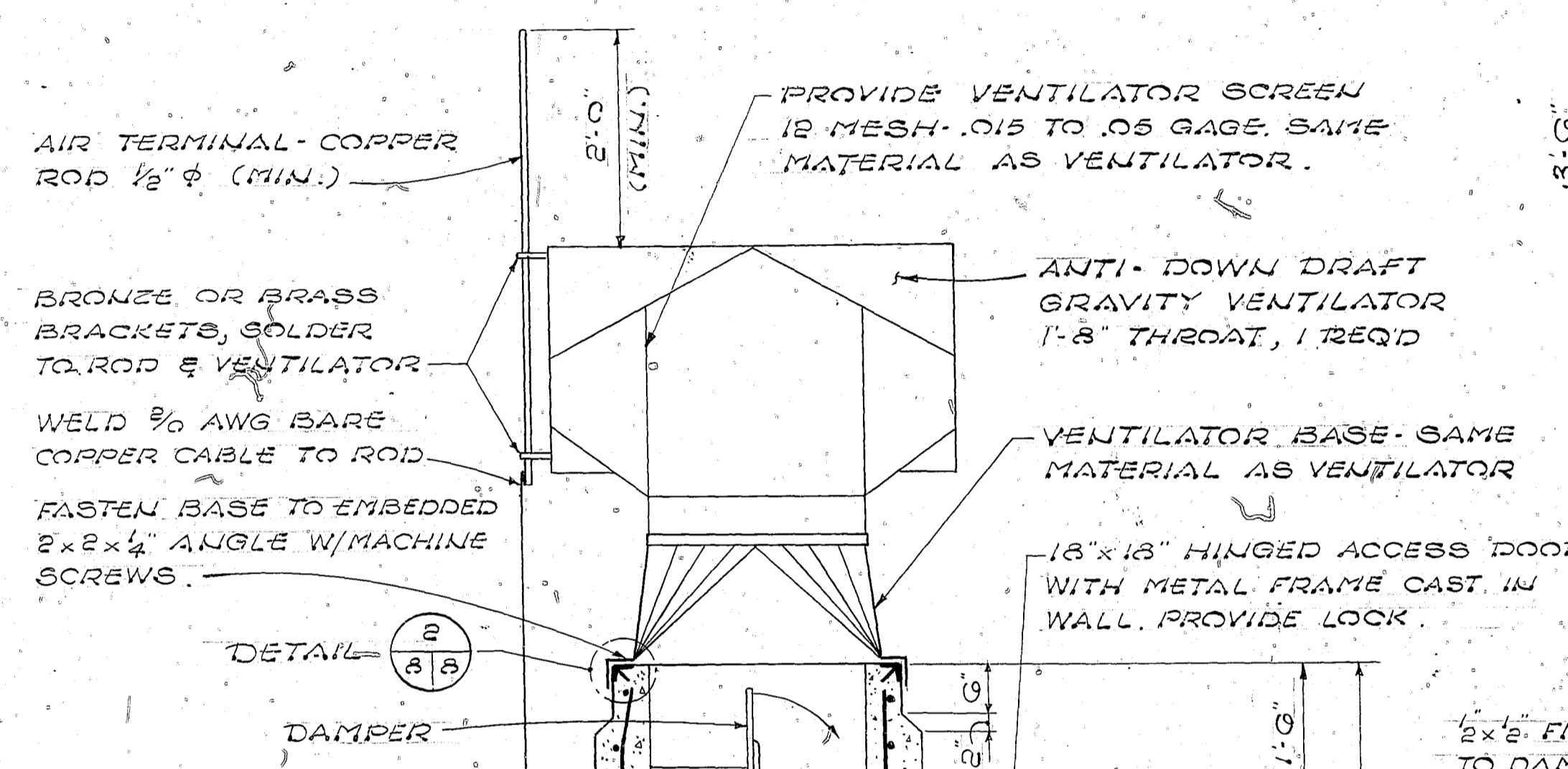
DETAIL 1
SCALE: 3/4" = 1'-0" (A/B)



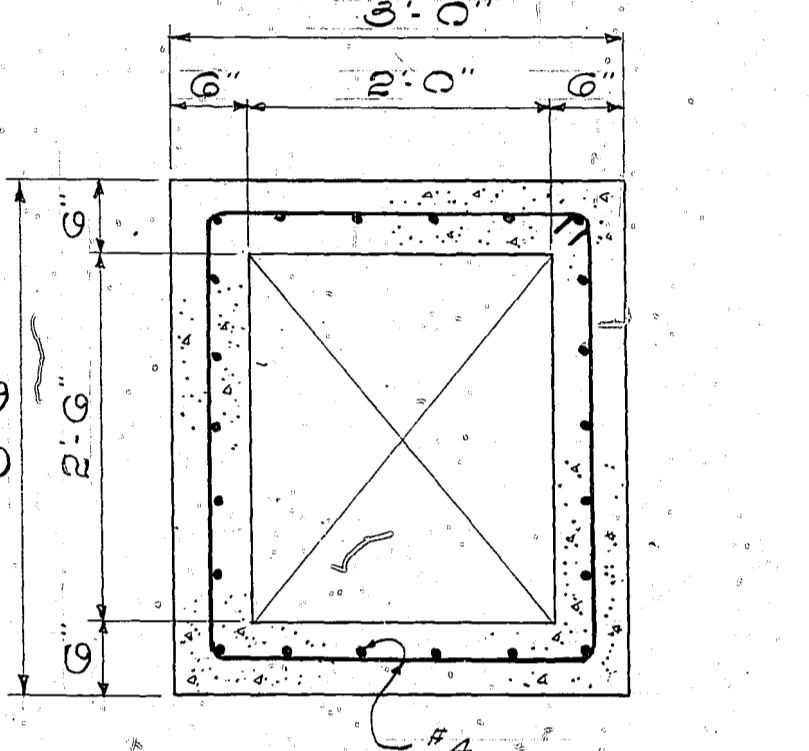
SECTION C
SCALE: 3/4" = 1'-0" (A/B)



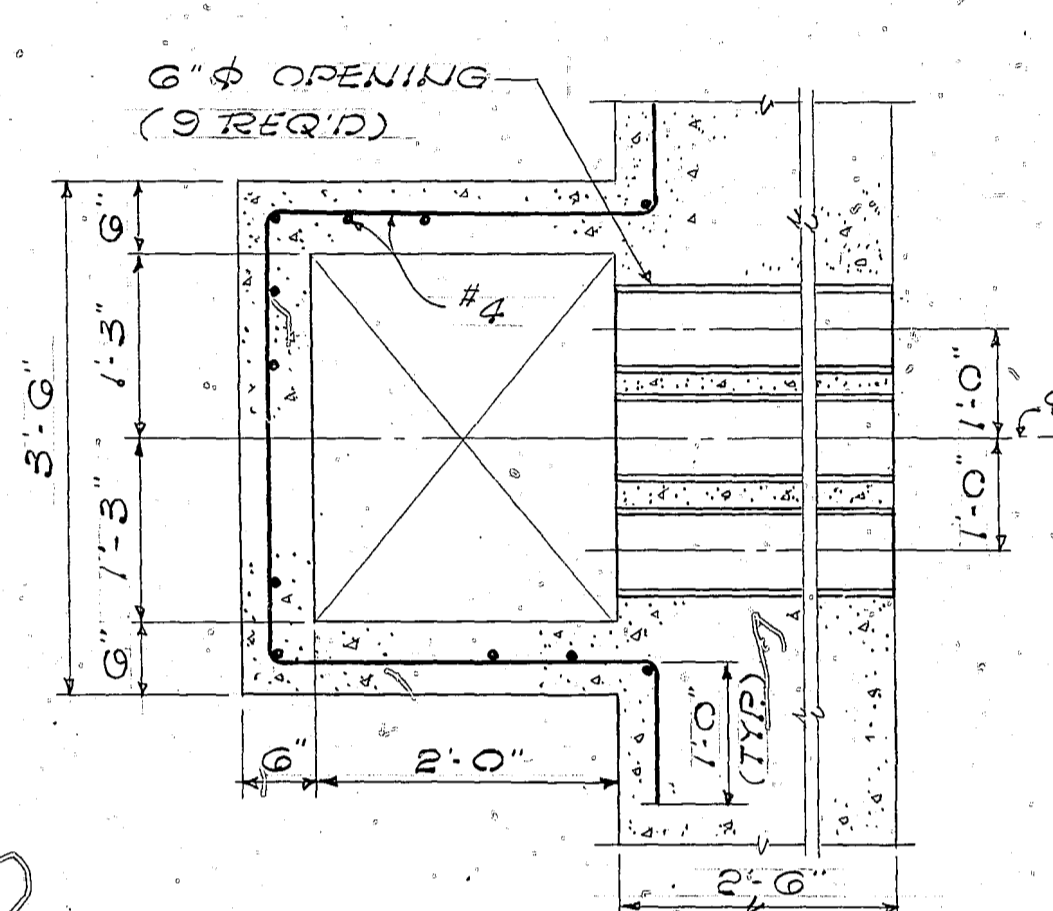
DETAIL 2
SCALE: 1 1/2" = 1'-0" (A/B)



DETAIL 2
SCALE: 3/4" = 1'-0" (A/B)



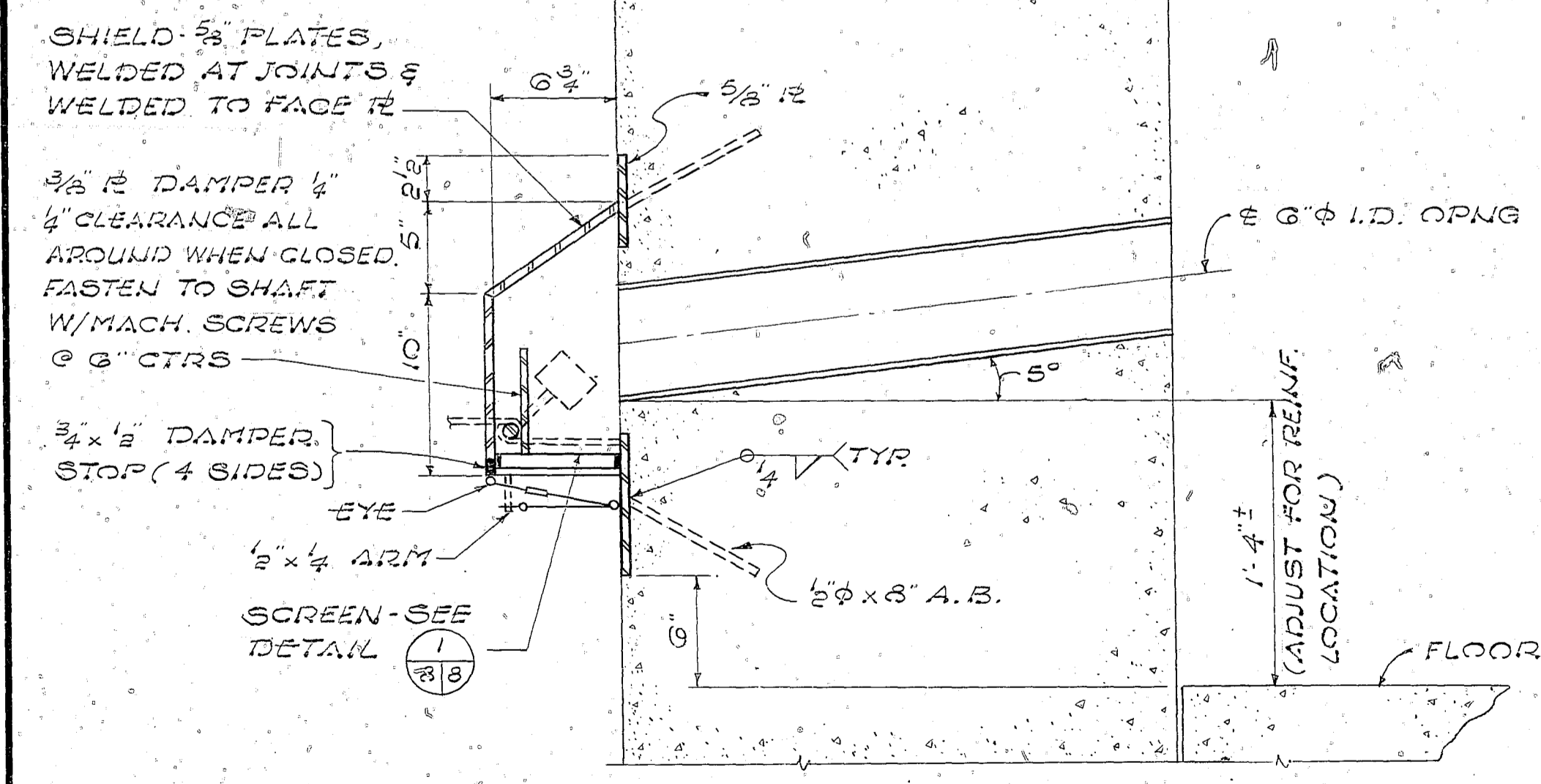
SECTION D
SCALE: 3/4" = 1'-0" (A/B)



SECTION E
SCALE: 3/4" = 1'-0" (A/B)

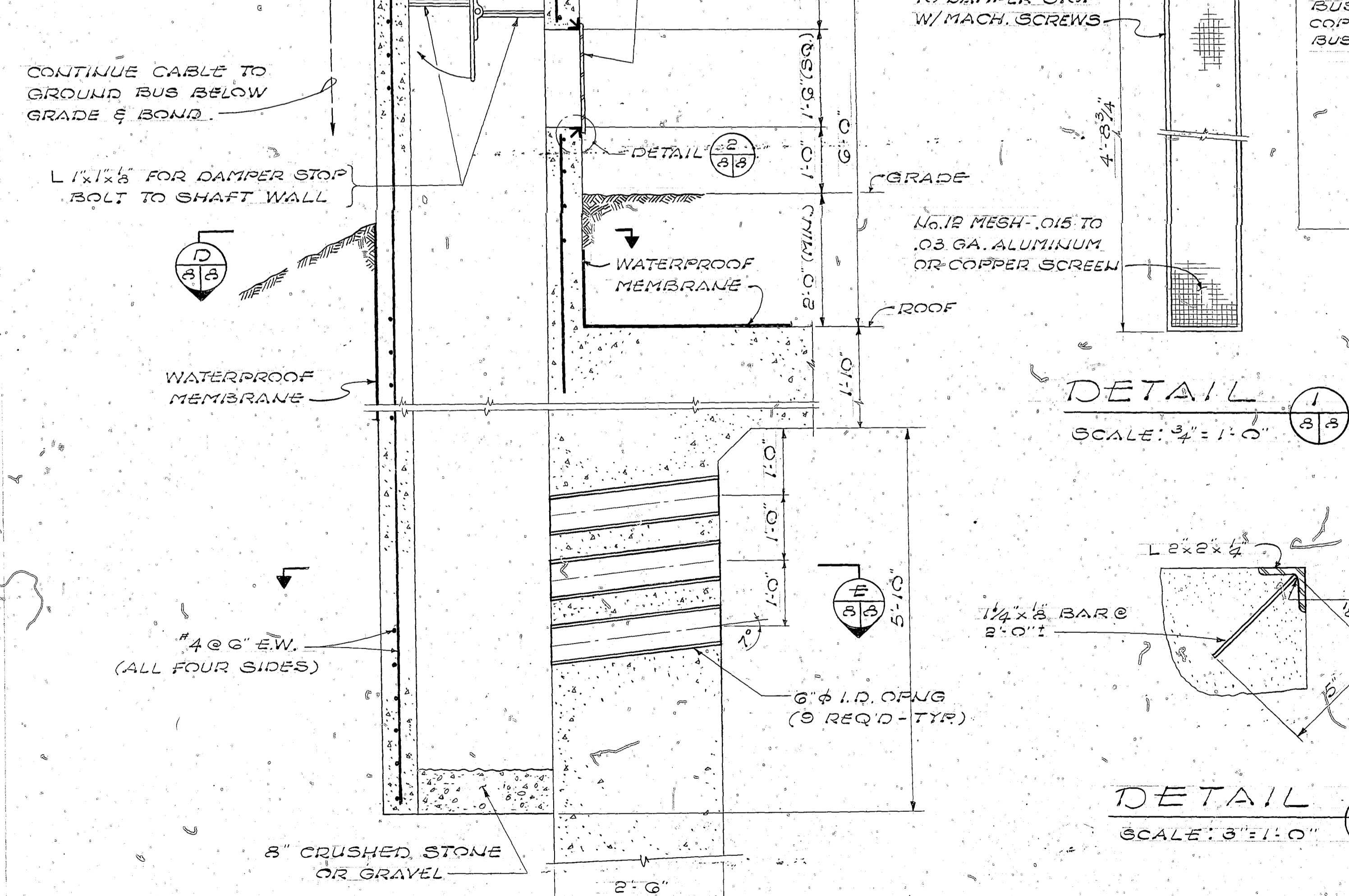
- NOTES:**
- ALL DAMPER & SHAFT ASSEMBLIES SHALL OPERATE FREELY AND POSITIVELY.
 - FUSIBLE LINKS SHALL HAVE MELTING POINT OF 160° TO 165° F. BREAKING STRENGTH SHALL BE SUITABLE FOR LOADS IMPOSED BY COUNTERWEIGHTS.
 - ALL SET SCREWS AND MACHINE SCREWS SHALL BE BRASS.

NOTE:
FOR INFORMATION NOT SHOWN SEE DETAIL 1 ABOVE.



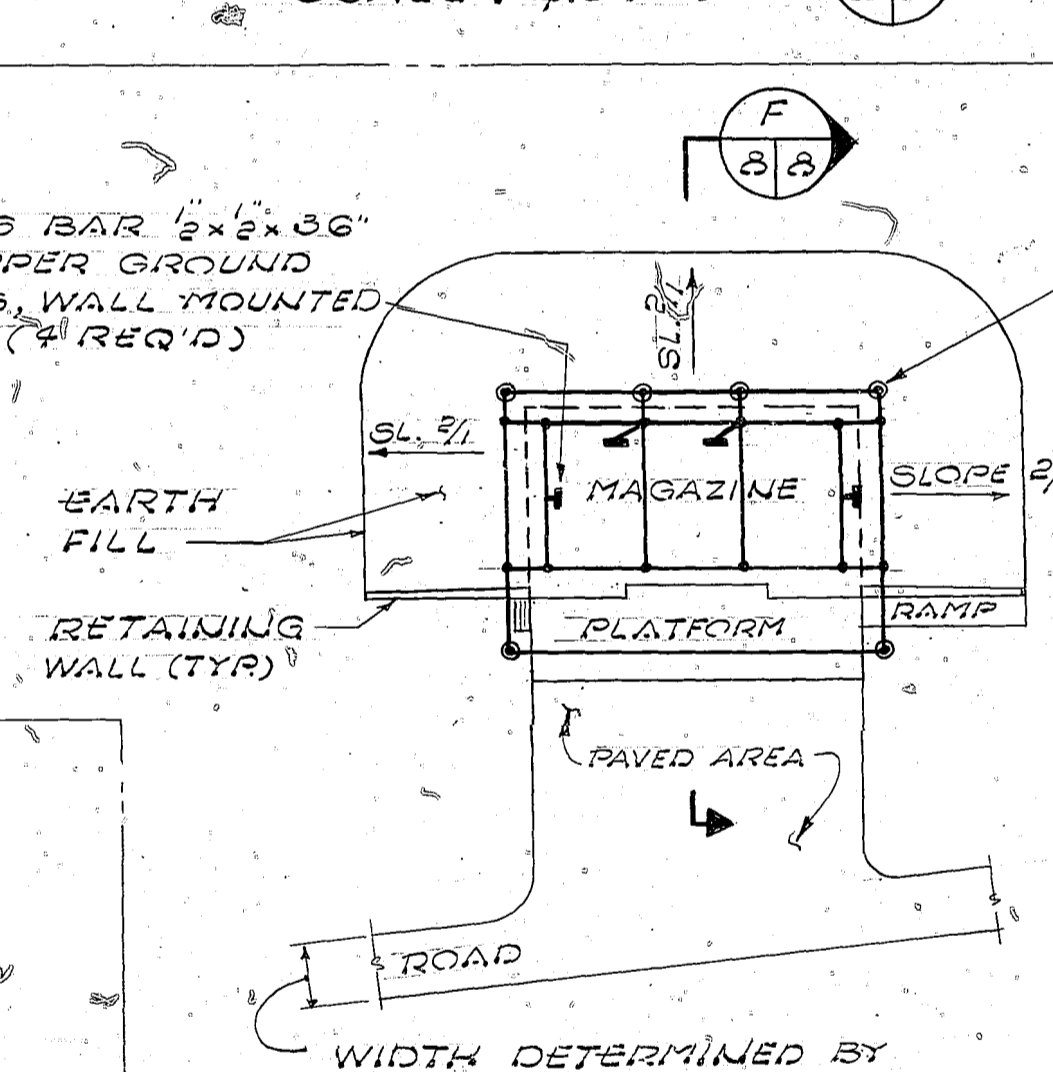
SECTION A
SCALE: 1 1/2" = 1'-0" (A/B)

DETAILS OF WALL VENTILATORS

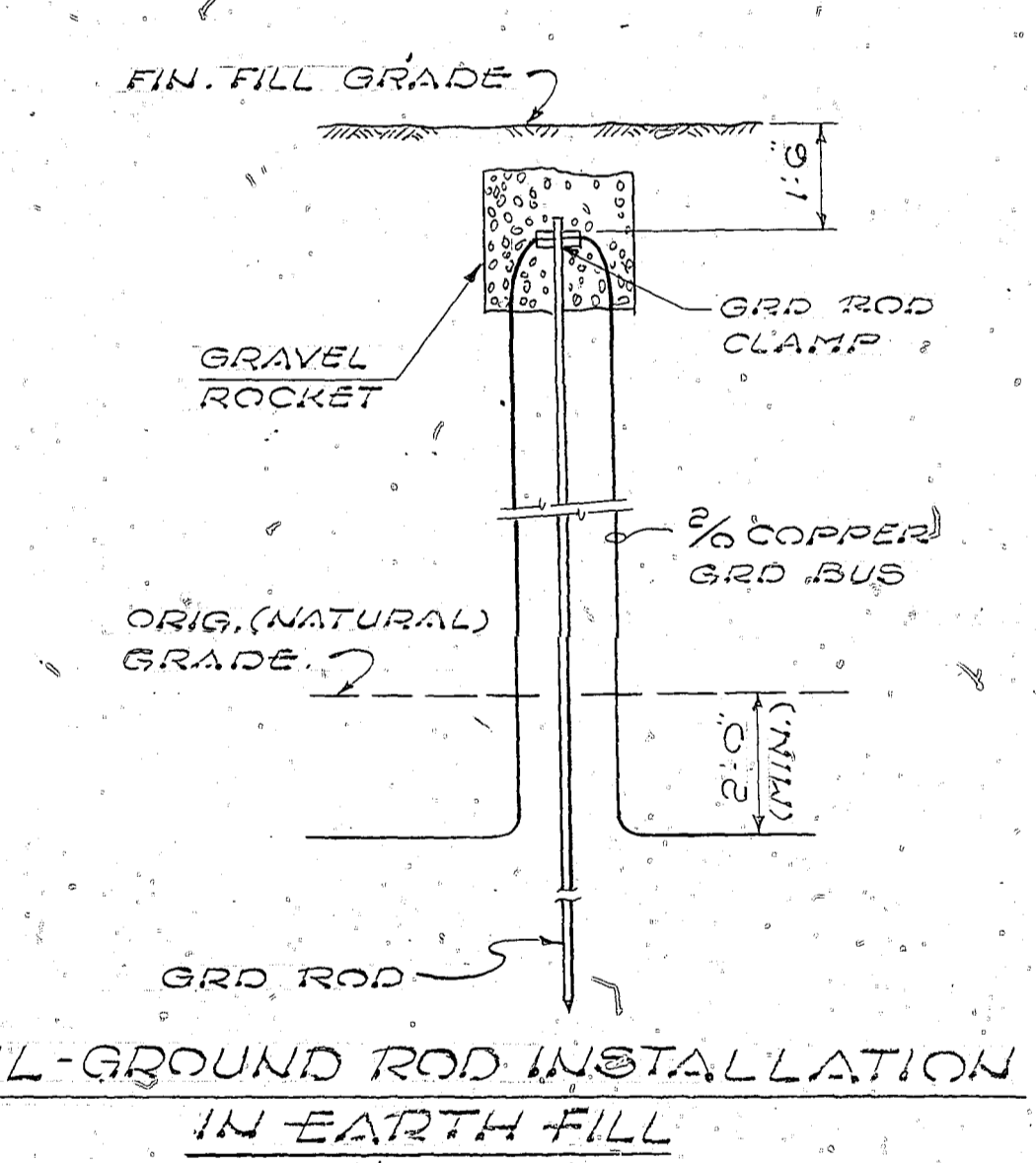


SECTION B
SCALE: 3/4" = 1'-0" (A/B)

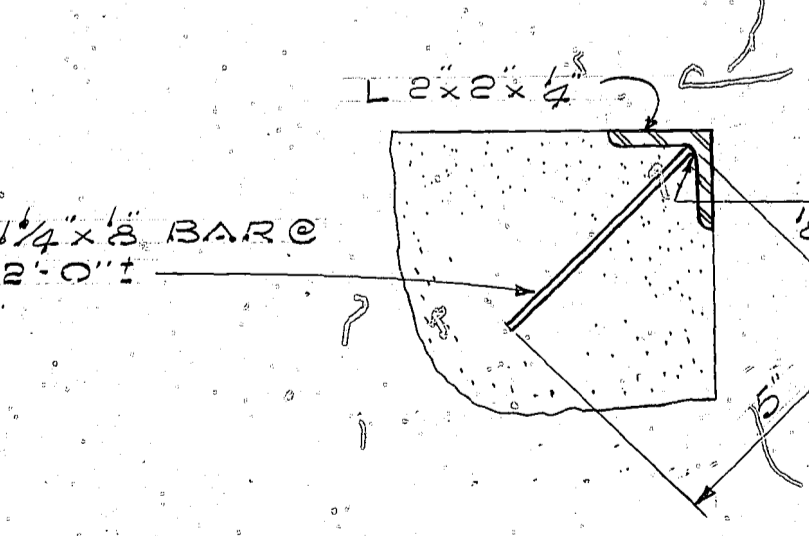
DETAILS OF VENTILATOR SHAFT



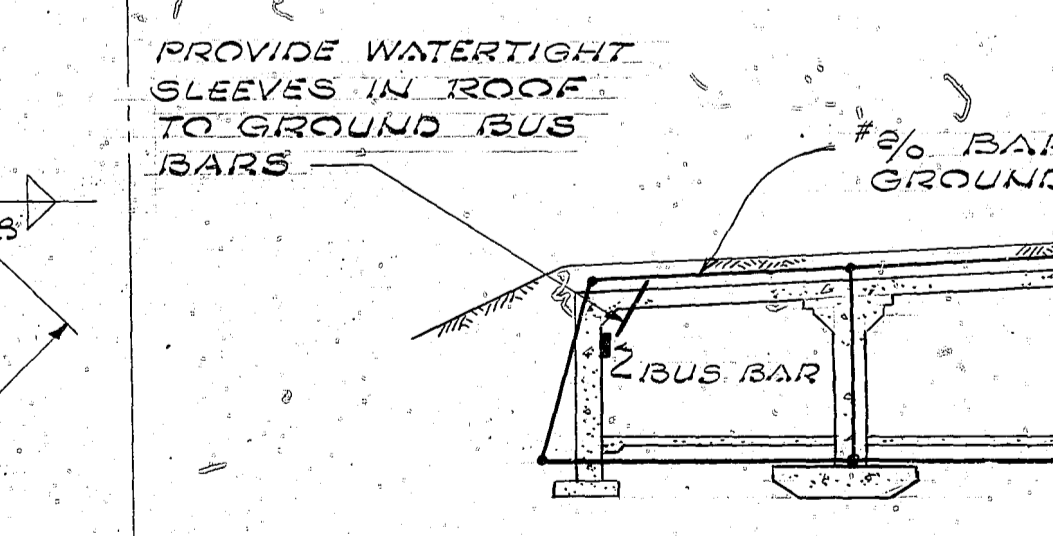
PLAN - GROUNDING
SCALE: 1" = 60'-0"



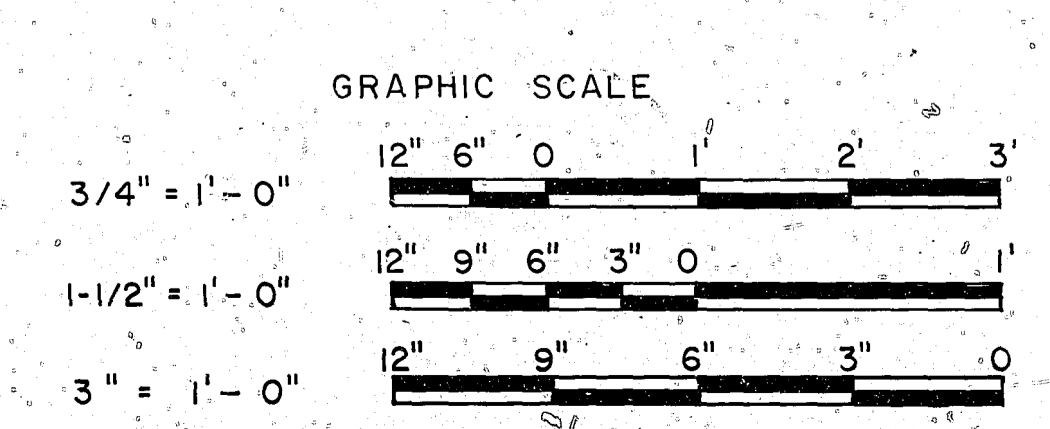
DETAIL - GROUND ROD INSTALLATION IN EARTH FILL
N.T.S.



DETAIL 2
SCALE: 3" = 1'-0" (A/B)



SECTION F
N.T.S. (A/B)



| | | |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| | AMMANN & WHITNEY CONSULTING ENGINEERS TWO WORLD TRADE CENTER N.Y., N.Y. | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND 200 STOWALL STREET ALEXANDRIA, VA. 22332 |
| | DSGN. V.S. DRAM. CHK. MD. SHPV. NO. CH ENGR. 3/24/78 FIRM MEMBERSHIP DATE NORTHERN DIVISION NAVFAC RVD. [Signature] DIR. [Signature] HD. [Signature] OIC [Signature] NAVFAC 34661 HD. [Signature] DIR. [Signature] | BOX MAGAZINE, TYPE A STANDARD |
| APPROVED [Signature] DATE 5-1-78 FOR COMMANDER NAVFAC | SIZE CODE IDENT NO. NAVFAC DRAWING NO. F 80091 1404007 | SCALE AS NOTED SHEET 8 OF 8 |