

CONSTRUCTION DRAWINGS FOR PROPOSED YORK COUNTY TRANSFER STATION

PREPARED FOR

YORK COUNTY GOVERNMENT

P.O. BOX 148

YORK, SOUTH CAROLINA 29745

(803) 684-8571

MAY 16, 1997

NO.	DATE	SHEETS REVISED

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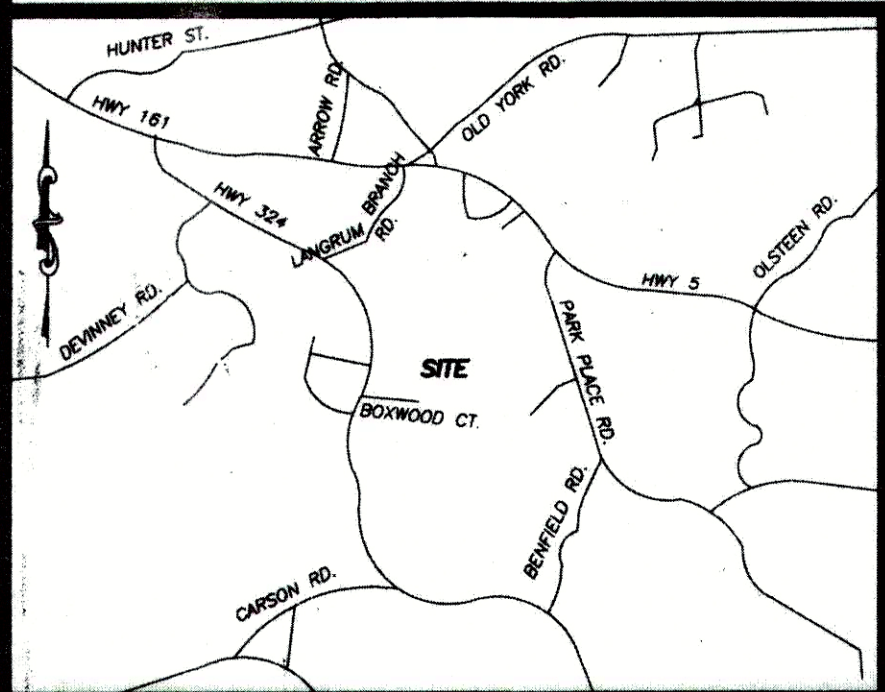
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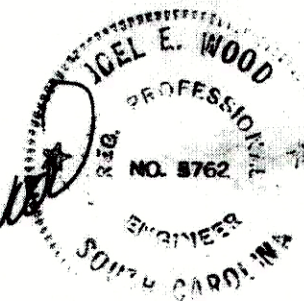
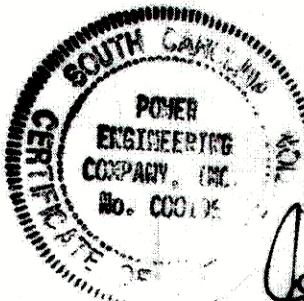
VICINITY MAP
NTS



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THE ABOVE LISTED DRAWINGS WERE
PREPARED UNDER THE SEAL OF
JOEL E. WOOD, PE (SC #5,762)



INDEX OF DRAWINGS

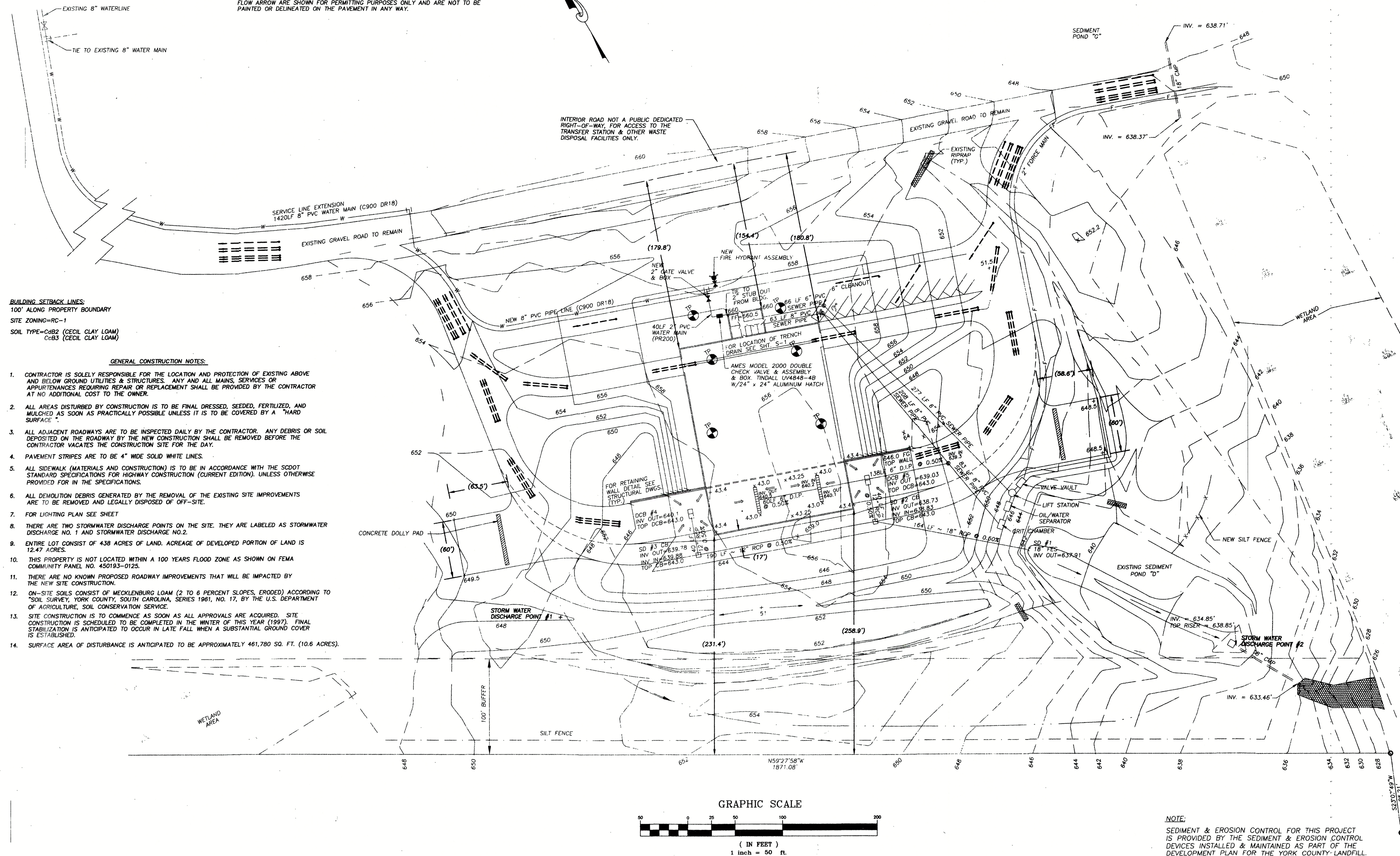
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APPROVED BY
SOUTH CAROLINA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL CONTROL
Bureau of Solid & Hazardous Waste Management
BY *[Signature]*
TITLE *Manager, Facility Engineering*
DATE ISSUED *5/3/97*
PERMIT NO. *161001-6001*

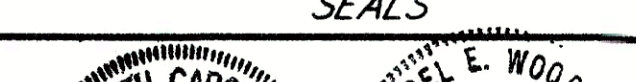
 TRANSFER TRACTOR TRAILER DIRECTIONAL PATH
 TRASH TRUCK AND DELIVERY VEHICLE DIRECTIONAL PATH
 VISITOR VEHICLE DIRECTIONAL PATH

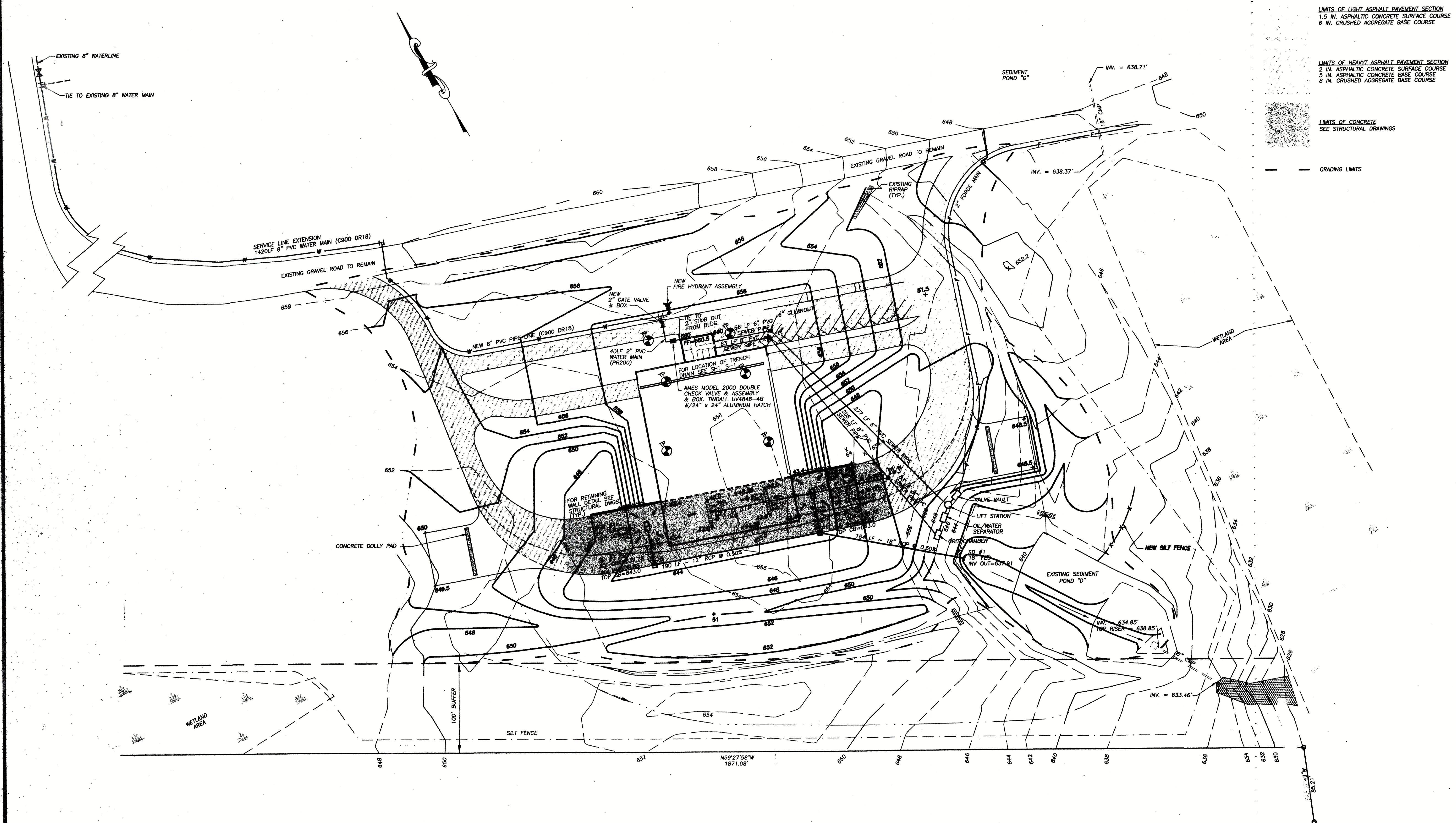
NOTE:

FLOW ARROW ARE SHOWN FOR PERMITTING PURPOSES ONLY AND ARE NOT TO BE PAINTED OR DELINEATED ON THE PAVEMENT IN ANY WAY.



NOTE:
SEDIMENT & EROSION CONTROL FOR THIS PROJECT
IS PROVIDED BY THE SEDIMENT & EROSION CONTROL
DEVICES INSTALLED & MAINTAINED AS PART OF THE
DEVELOPMENT PLAN FOR THE YORK COUNTY LANDFILL.

APPROVALS		PREPARED BY	SEALS	PROJECT	NO.	DATE	REVISIONS	BY	SHEET TITLE	SCALE: 1" = 50'
PROJECT ENGR: J.E.W.		 POWER ENGINEERING COMPANY, INC. ENGINEERS - PLANNERS - SURVEYORS P.O. BOX 411491 CHARLOTTE, NORTH CAROLINA 28241 PH: (704)588-4204 FAX (704)588-1838		<u>PROPOSED YORK COUNTY TRANSFER STATION</u>					SITE PLAN EXISTING TOPOGRAPHIC MAP	DATE: MAY 16, 1997
DESIGNED BY:										JOB NO. 5376
DRAWN BY : D.J.N.										SHEET CE-1
CHECKED BY : J.E.W.						PREPARED FOR				
APPROVED BY:						YORK COUNTY, SOUTH CAROLINA				

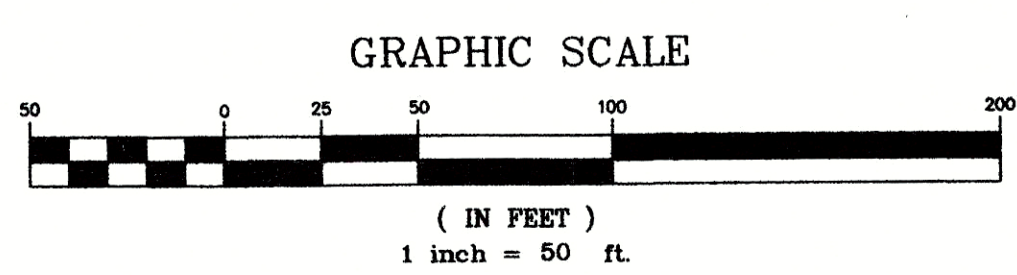


LIMITS OF LIGHT ASPHALT PAVEMENT SECTION
 1.5 IN. ASPHALTIC CONCRETE SURFACE COURSE
 6 IN. CRUSHED AGGREGATE BASE COURSE

LIMITS OF HEAVY ASPHALT PAVEMENT SECTION
 2 IN. ASPHALTIC CONCRETE SURFACE COURSE
 5 IN. ASPHALTIC CONCRETE BASE COURSE
 8 IN. CRUSHED AGGREGATE BASE COURSE

LIMITS OF CONCRETE
 SEE STRUCTURAL DRAWINGS

GRADING LIMITS



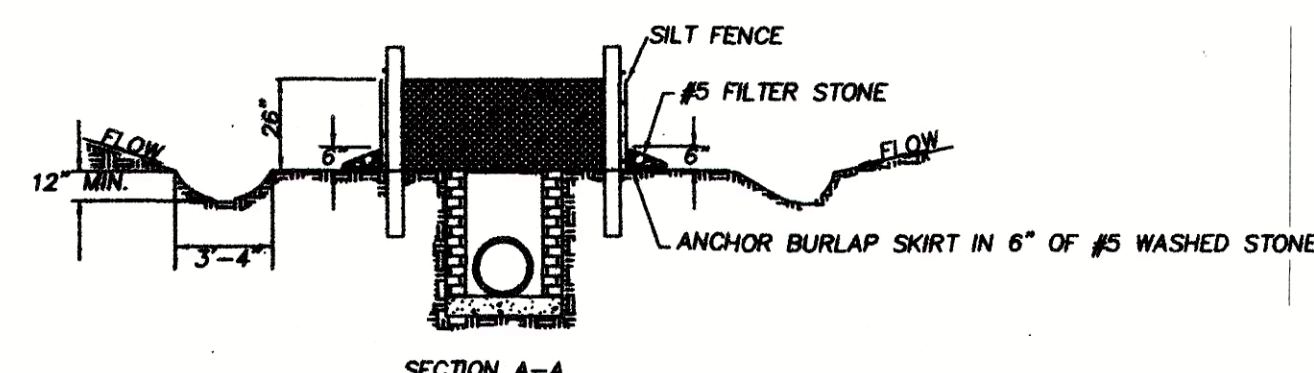
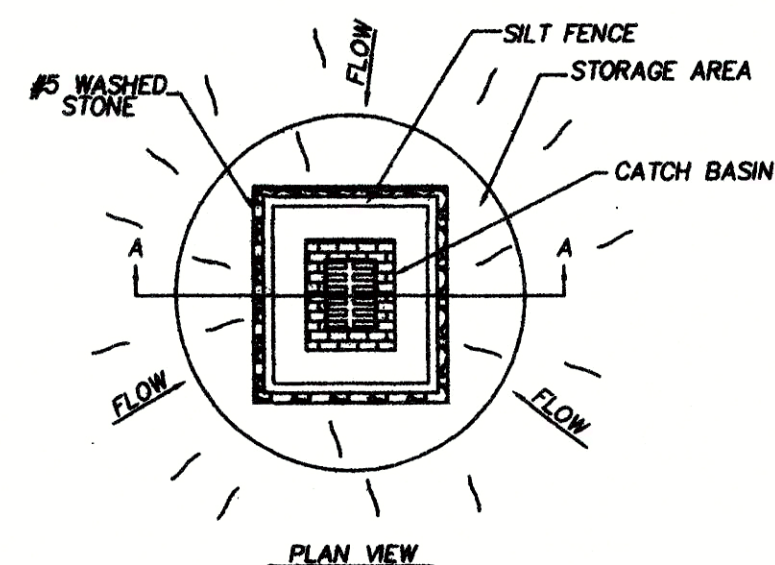
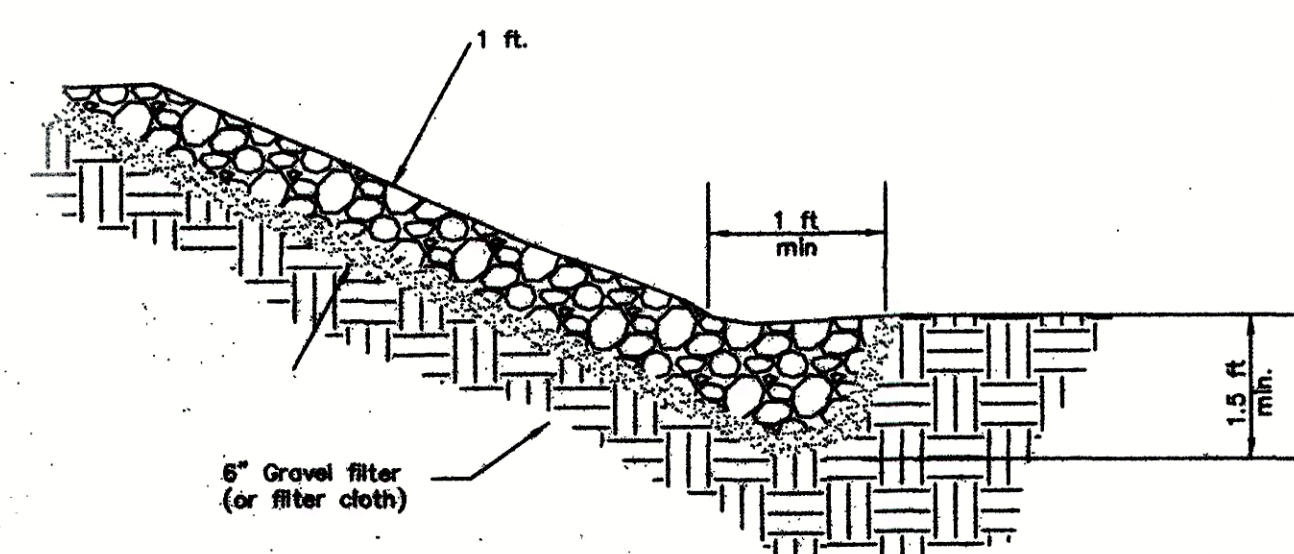
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APPROVALS PROJECT ENGR. J.E.W. DESIGNED BY: D.J.M. DRAWN BY: D.J.M. CHECKED BY: J.E.W. APPROVED BY:		PREPARED BY POWER ENGINEERING COMPANY, INC. ENGINEERS - PLANNERS - SURVEYORS P.O. BOX 411401 CHARLOTTE, NORTH CAROLINA 28241 PH: (704)588-4204 FAX: (704)588-1838		SEALS 		PROJECT PROPOSED YORK COUNTY TRANSFER STATION PREPARED FOR YORK COUNTY, SOUTH CAROLINA		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISIONS</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	REVISIONS	BY																																									SHEET TITLE SITE GRADING PLAN STORM DRAINAGE PLAN		SCALE: 1" = 50' DATE: MAY 16, 1997 JOB NO. 5376 SHEET CE-2	
NO.	DATE	REVISIONS	BY																																																						

RIP-RAP PLACEMENT

- Each rip-rap placement shall be bedded in either a 6 inch layer of stabilization stone or a non-biodegradable filter fabric. Placement of rip-rap shall immediately follow the placement of this layer. Keep voids to a minimum and form a dense well graded mass of stone. Do NOT dislodge the underlying base of filter when placing stone. Cost of the stone base or filter shall be included in the cost of placing of rip-rap.
- Maximum stone size when using 8 inch d50 will be 12 inches and the minimum thickness of the rip-rap layer shall be 18 inches.
- Rip-rap shall extend up to the top of the banks and below the channel bottom at least 27 inches for 8 inch d50.
- Maximum slope of the channel bank shall not exceed 2.0 horizontal to 1.0 vertical. Finished grade of the rip-rap is to blend with the surrounding area.
- Inspect rip-rap periodically for scour or dislodged stones (especially after severe storms) and weed brush growth.

Reference Detail Below



STORM INLET SEDIMENT FILTER
NOT TO SCALE

GENERAL NOTES:

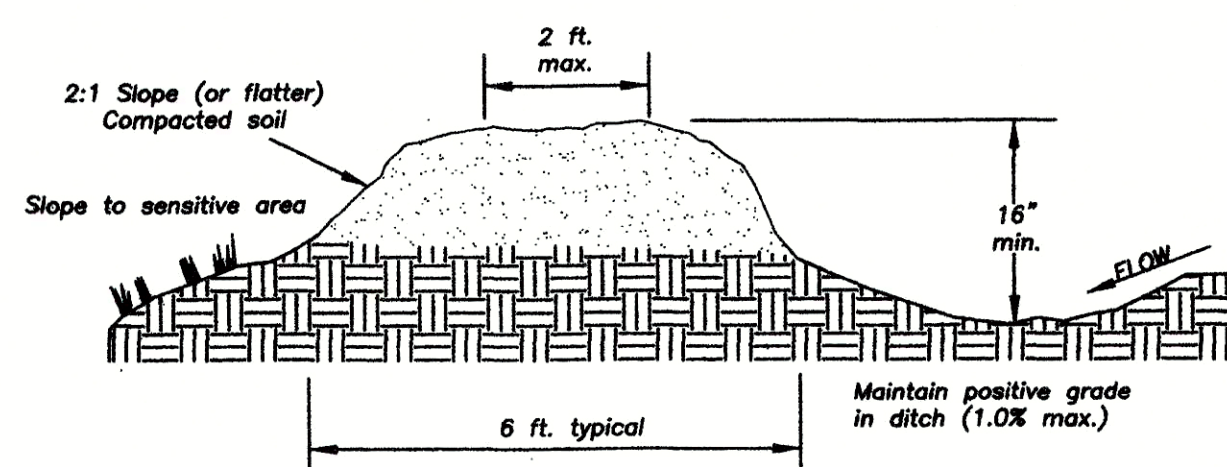
SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.

STORM INLET SEDIMENT FILTERS ARE TO BE INSTALLED AT ALL STORMWATER STRUCTURES (CATCH BASINS, JUNCTION BOXES, ETC.) AS SOON AS THE STRUCTURE IS INSTALLED. THE FILTER IS TO REMAIN (AND MAINTAINED) UNTIL THE THREAT OF EROSION AND SEDIMENT LOSS FOR THAT STRUCTURES DRAINAGE BASIN HAS DIMINISHED.

DIVERSION DITCH CONSTRUCTION AND MAINTENANCE

- Remove and properly dispose of all trees, brush, stumps and other objectionable material.
- Ensure that the minimum cross section meets all design requirements.
- Ensure that the top of the dike is not lower at any point than the design elevation plus the specified settlement.
- Provide sufficient room around diversion to permit machine regrading and cleanout.
- Vegetate the ridge immediately after construction, unless it will remain in place less than 30 working days.
- Inspect temporary diversions once a week and after every rainfall. Immediately remove sediment from the flow area and repair any damage. When construction area is permanently stabilized, remove ridge and channel and blend to natural ground level and appropriately stabilize it.

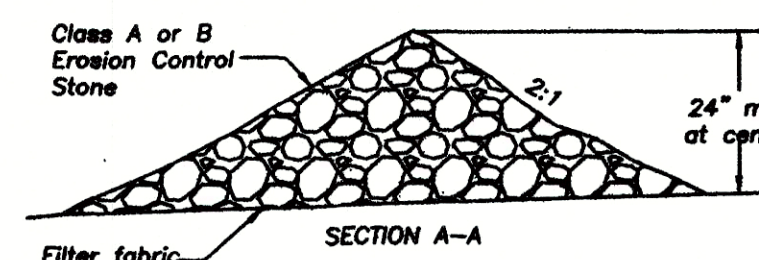
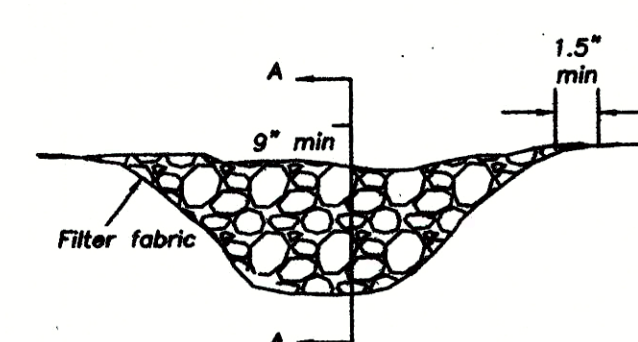
Reference Detail Below



TEMPORARY EARTHEN DIVERSION DIKE

SEDIMENT AND EROSION CONTROL NOTES

- CONTROL STRUCTURES INDICATED ON THE PLANS ARE TO BE INSTALLED PRIOR TO ANY DIGGING OR DISRUPTION OF VEGETATION. CONTRACTOR SHALL MAINTAIN ALL ROADSIDE DITCHES AND STORM DRAINAGE STRUCTURES FREE OF SEDIMENT.
- CONSTRUCTION EASEMENTS SHALL NOT BE CLEARED UNLESS ABSOLUTELY NECESSARY.
- ALL REASONABLE EFFORTS SHOULD BE MADE TO MAINTAIN A NATURAL BUFFER (UNDISTURBED VEGETATION) BETWEEN CONSTRUCTION AREAS AND STREAMS AND OTHER SENSITIVE AREAS. CONSTRUCT AND MAINTAIN DIVERSION DITCHES ON STREAM SIDE OF CONSTRUCTION. WHEN CLEANING SEDIMENT FROM THE DIVERSION DITCHES, DEPOSIT THE EXCAVATED MATERIAL ON THE UPHILL SIDE OF THE DITCH OR IN AN AREA WHICH EMPTIES TO A SEDIMENT TRAP OR BASIN.
- ALL RIP-RAP IS TO BE INSTALLED PRIOR TO CONSTRUCTION, EXCEPT IN LOCATIONS WHERE THE LINE ACTUALLY CROSSES PROPOSED RIP-RAP AREA.
- USE RIP-RAP WHERE REQUIRED ON ANY DISTURBED STREAM BANKS. CONTRACTOR SHALL PLAN WORK SO THAT STOCKPILES OF EXCAVATED MATERIAL ARE NOT SUBJECT TO WASHING INTO ANY STREAM OR DRAINAGE STRUCTURE.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN A SATISFACTORY MANNER THROUGH PERIODIC MAINTENANCE OR BY RECONSTRUCTING THE CONTROL STRUCTURES WHEN NECESSARY.
- UPON GRADING AREAS TO FINAL ELEVATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL WASTE MATERIALS FROM THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE THAT THE DISPOSAL METHODS UTILIZED SHALL NOT CONTRIBUTE TO THE ACCELERATION OF EROSION OR SEDIMENT DAMAGE TO OFF-SITE WASTE AREAS.
- ALL AREAS NOT TO BE COVERED WITH A HARD SURFACE ARE TO BE GRASSED IN ACCORDANCE WITH SPECIFICATION SECTION 2100.
- ONCE GROUND COVER IS FIRMLY ESTABLISHED, ALL TEMPORARY EROSION CONTROL STRUCTURES ARE TO BE REMOVED.
- ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.



GENERAL NOTES:

- PLACE STONES (2" to 15") ON FILTER FABRIC WHERE SPECIFIED ON THE CONTRACT DRAWINGS.
- CONSTRUCT TEMPORARY CHECK DAM AS SHOWN IN THE DETAIL.
- SET SPACING BETWEEN DAMS TO ASSURE THAT THE ELEVATION AT THE TOP OF THE LOWER DAM IS THE SAME AS THE TOE ELEVATION OF THE UPPER DAM.
- ENSURE PROTECTION OF THE CHANNEL BELOW THE LOWEST DAM FROM OVERFLOW.
- INSPECT CHANNELS AND DAMS WEEKLY AND AFTER EACH STORM EVENT WHICH EXCEEDS 0.5 INCHES OF RAINFALL.

CHECK DAM (TEMPORARY) CONSTRUCTION & MAINTENANCE

SEEDING AND MULCHING NOTES

GRADED SLOPES AND FILLS - THE SLOPES FOR NEWLY GRADED AREAS SHALL BE NO STEEPER THAN THE SLOPE WHICH CAN ADEQUATELY RETAIN VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED SHALL, WITHIN 30 WORKING DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION.

SEED BED PREPARATION - THE SEED BED SHALL BE PREPARED BY PULVERIZING THE SOIL IN AN APPROVED MANNER TO A DEPTH OF THREE INCHES FOR SLOPES THAT ARE 3:1 OR FLATTER, OR TO A DEPTH OF ONE TO THREE INCHES FOR SLOPES STEEPER THAN 3:1. TILLAGE SHALL CONTINUE UNTIL A WELL PULVERIZED, FIRM, UNIFORM SEED BED IS PREPARED CONFORMING SUBSTANTIALLY TO GROUND ELEVATIONS AS SHOWN ON THE PLANS AND/OR AS WAS EXISTING PRIOR TO CONSTRUCTION, BLENDING WITH THE ADJACENT TOPOGRAPHY. GOOD SURFACE DRAINAGE MUST BE PROVIDED. ALLOWANCES FOR SETTLEMENT MUST BE MADE, AND THE CORRESPONDING GROUND ELEVATIONS ADJUSTED ACCORDINGLY. ALL STONES, ROOTS, STICKS, RUBBISH, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF-SITE.

SEEDING AND FERTILIZATION - FERTILIZER (10-10-10) SHALL BE APPLIED AT A RATE OF 30 POUNDS PER 1000 SQUARE FEET. IN ESTABLISHED LAWN AREAS, AN ADDITIONAL LIME TREATMENT APPLIED AT A RATE OF 100 POUNDS PER 1000 SQUARE FEET SHALL ALSO BE PROVIDED.

ALL SEEDING MATERIAL SHALL BE LABELED TO SHOW THAT IT MEETS THE LATEST REQUIREMENTS OF SOUTH CAROLINA SEED LAW. SEED SHALL HAVE BEEN TESTED WITHIN THE LAST SIX MONTHS. KENTUCKY FESCUE, #1 SHALL BE A MINIMUM 88% PURE LIVE SEED; MAXIMUM 1% WEED SEED; MINIMUM 80% GERMINATION. RYE GRASS SHALL BE A MINIMUM 98% PURE LIVE SEED; MAXIMUM 0.10% WEED SEED; 85% GERMINATION.

WHEN THE WORK IS PERFORMED WITHIN THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION RIGHTS-OF-WAY, THE CONTRACTOR SHALL FURNISH THE STATE LANDSCAPE SUPERVISOR THE NAME OF THE SUPPLIER OF SEED, THE SEED TYPE, AND THE TOTAL AMOUNT OF SEED TO BE USED IN RESTORING THE DISTURBED GROUND COVER.

SEEDING SHALL BE DONE WITHIN THIRTY (30) DAYS AFTER THE INITIAL GROUND DISTURBANCE. THE SEED BED SHALL BE IN A GOOD FRASABLE CONDITION. SEED SHALL BE APPLIED AT THE RATE RECOMMENDED BY THE SUPPLIER AND RAKED OR TILLED INTO THE TOPSOIL WITH THE RESULTING FURROWS RUNNING ACROSS THE NATURAL GROUND SLOPE.

THE FOLLOWING MATERIALS SHALL BE USED FOR RESEEDING DISTURBED AREAS. NOTE: ALL RATES ARE PER 1000 SQUARE FEET.

SEPTEMBER 15 THROUGH MARCH 1
6# KENTUCKY FESCUE NO. 31
2# RYE GRASS
30# FERTILIZER (10-10-10)
100# LIME

FEBRUARY 1 THROUGH OCTOBER 15
8# KENTUCKY FESCUE NO. 31
30# FERTILIZER (10-10-10)

MAY 1 THROUGH SEPTEMBER 30
ADD 0.4# SUDAN OR MILLET TO ABOVE

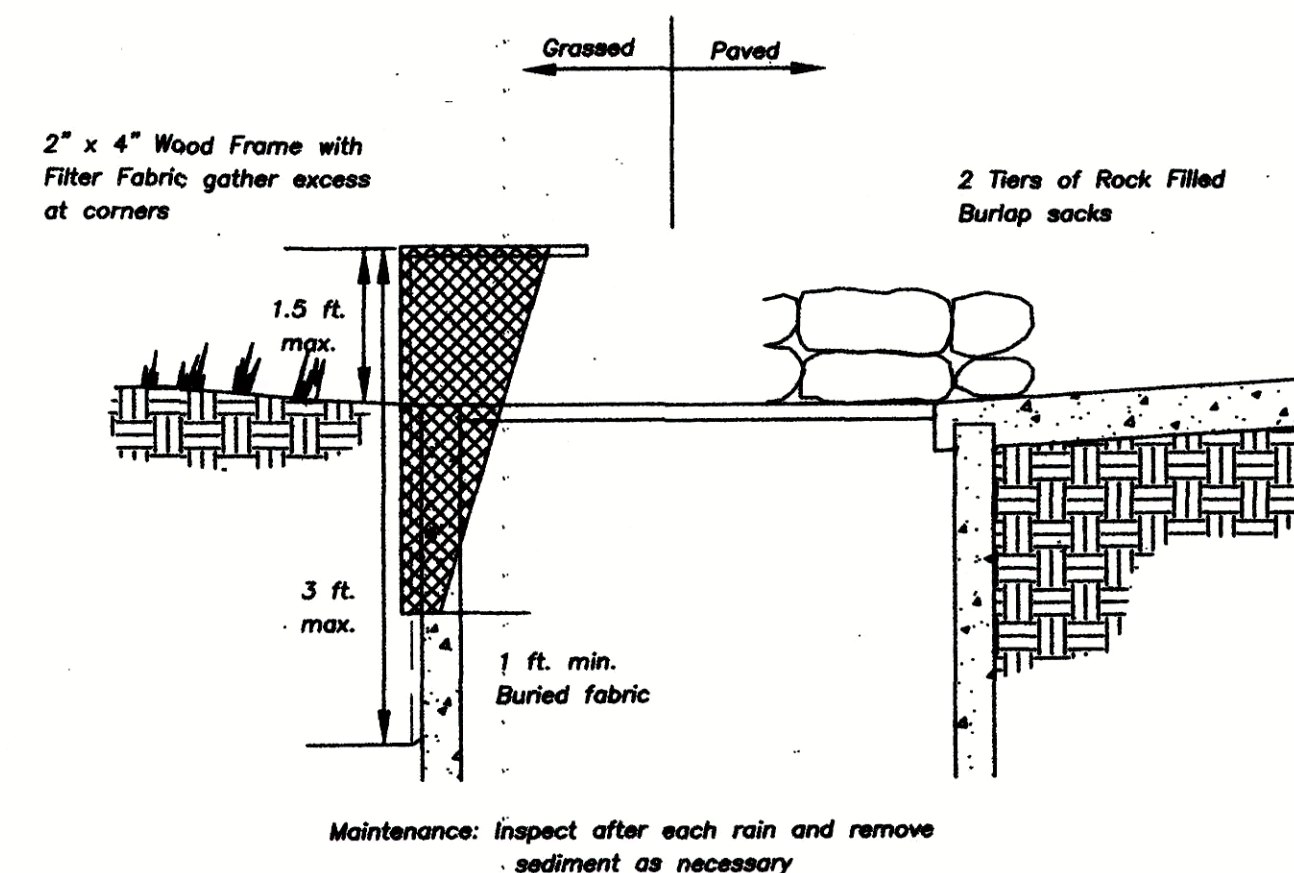
MULCHING - AFTER FERTILIZING, SEEDING, RAKING AND TILLING, DRIED STRAW SHALL BE UNIFORMLY SPREAD OVER THE AREA AT A RATE OF 90 POUNDS PER 100 SQUARE FEET. APPROXIMATELY 1/4 OF THE GROUND SHOULD REMAIN VISIBLE TO AVOID SMOOTHING THE SEEDLINGS. THE STRAW SHALL BE SPRAYED WITH LIQUID ASPHALT TO BOND THE STRAW TOGETHER AND ANCHOR IT IN PLACE, THUS PREVENTING IT FROM BEING SCATTERED BY THE WIND AND RAIN.

ASPHALT APPLICATION - LIQUID ASPHALT (THINNED WITH KEROSENE) USED DURING FREEZING WEATHER SHALL BE EITHER RAPID OR MEDIUM CURING, APPLIED AT A RATE OF 200 GALLONS PER TON OF STRAW (APPROXIMATELY 9 GALLONS PER 1000 SQUARE FEET). EMULSIFIED ASPHALT (THINNED WITH WATER) USED WHEN TEMPERATURES ARE LESS SEVERE SHALL BE RAPID CURE ONLY, APPLIED AT A RATE OF 150 GALLONS PER TON OF STRAW (APPROXIMATELY 7 GALLONS PER 1000 SQUARE FEET).

MATting - JUTE MATting OR HOLD GRO SHALL BE USED FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF PERMANENT COVER ON PROBLEM AREAS SUCH AS FUTURE GRASSED DITCHES, CHANNELS, LONG SLOPES, AND STEEP BANKS.

MISCELLANEOUS - ESTABLISHED LAWNS AND LANDSCAPED AREAS DAMAGED BY CONSTRUCTION SHALL BE RESTORED TO THEIR FORMER CONDITION.

SEEDING AND MULCHING SHALL BE PAID FOR AT THE UNIT PRICE, PER SQUARE YARD, APPLIED, AS APPROVED BY THE CONSTRUCTION OBSERVER.

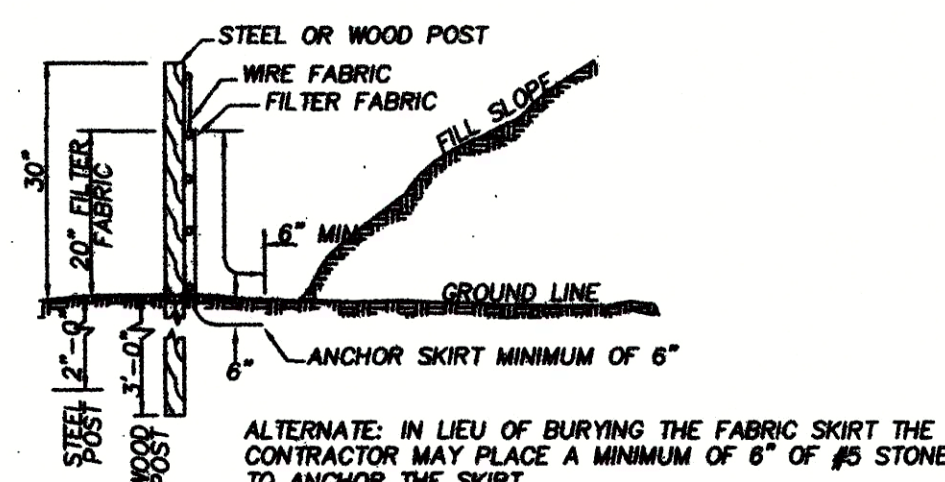


TEMPORARY DROP INLET PROTECTION

NOT TO SCALE

GENERAL NOTES:

FENCE FABRIC SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING. FILTER FABRIC SHALL BE MIRAFI 100 FABRIC OR EQUIVALENT. BURLAP CANNOT BE USED WHERE SILT FENCE IS TO REMAIN FOR A PERIOD OF MORE THAN 30 DAYS. STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE. WOOD POSTS SHALL BE 6 TO 7 FEET IN HEIGHT AND 3 TO 4 INCHES IN DIAMETER. WIRE FABRIC SHALL BE FASTENED TO WOODEN POST WITH NOT LESS THAN #8 WIRE STAPLES 1 1/2" LONG.



TEMPORARY SILT FENCE

NOT TO SCALE

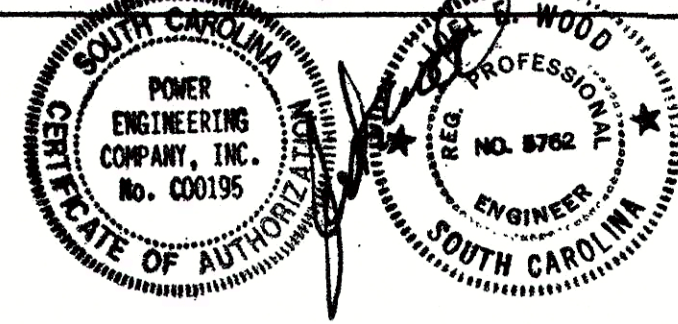
APPROVALS

PROJECT ENGR. M.K.
DESIGNED BY: D.J.N.
DRAWN BY: D.J.N.
CHECKED BY: D.J.N.
APPROVED BY: D.J.N.

PREPARED BY

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ENGINEERS - PLANNERS - SURVEYORS
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SEALS



PROJECT

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YORK COUNTY, SOUTH CAROLINA

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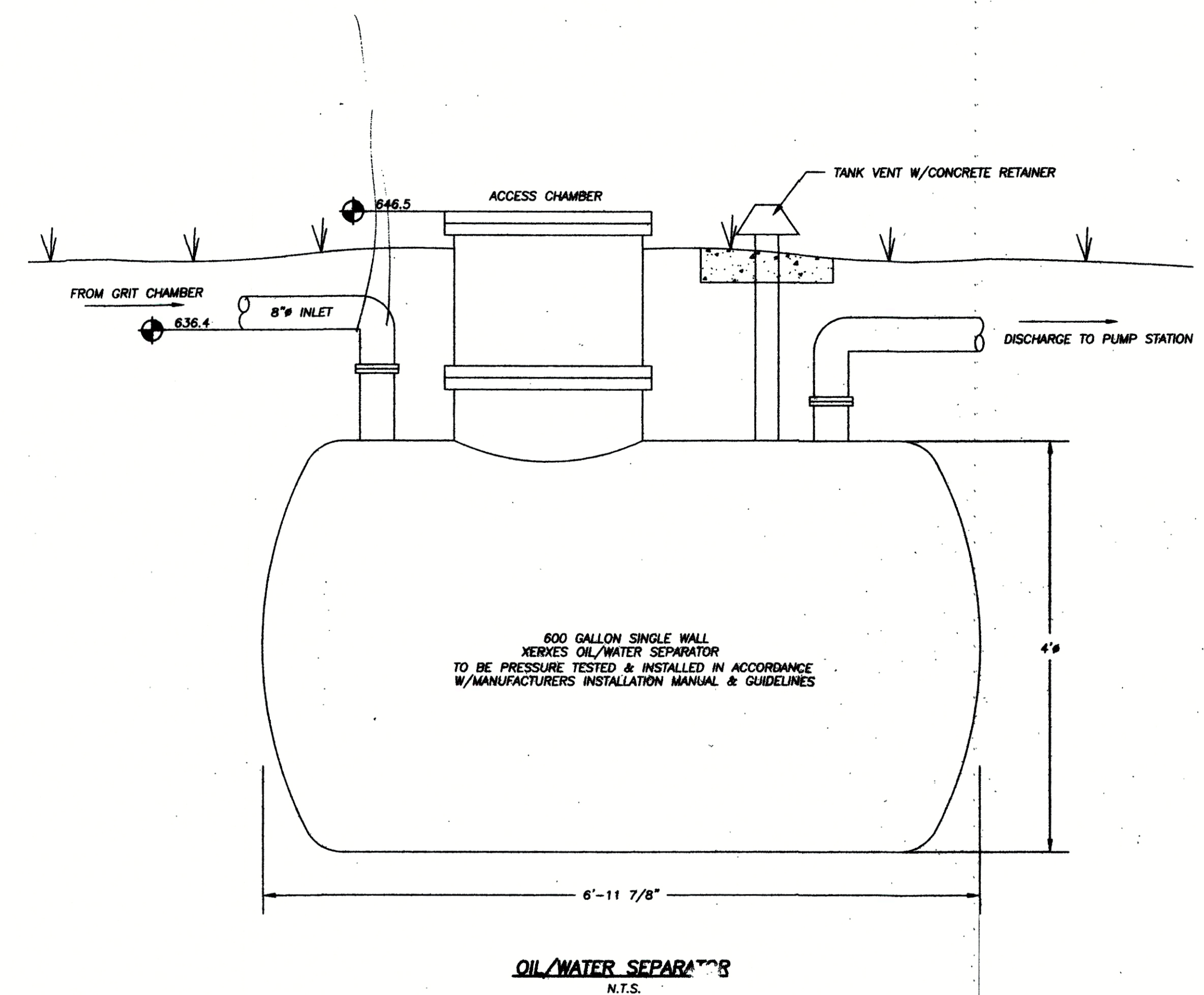
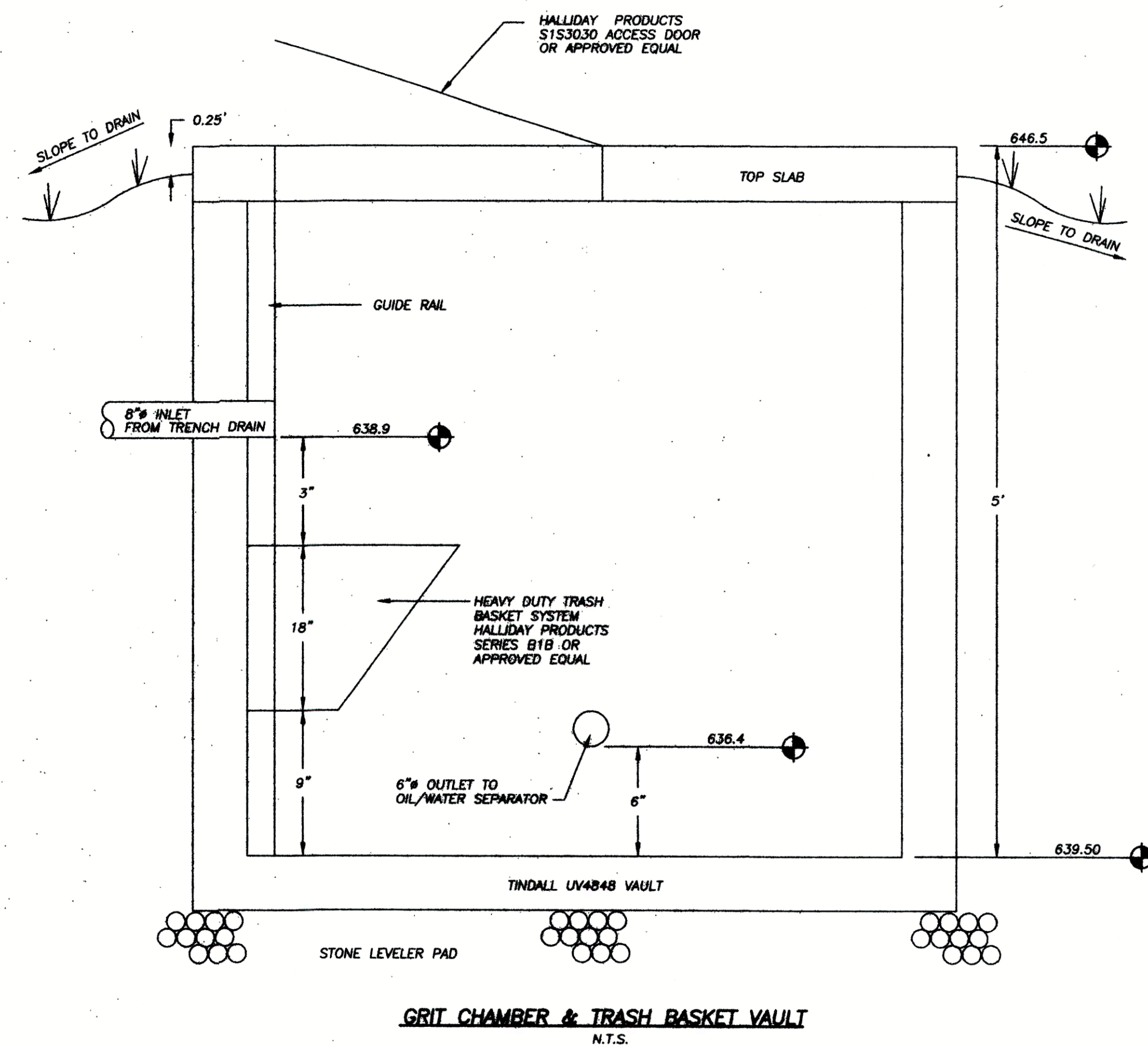
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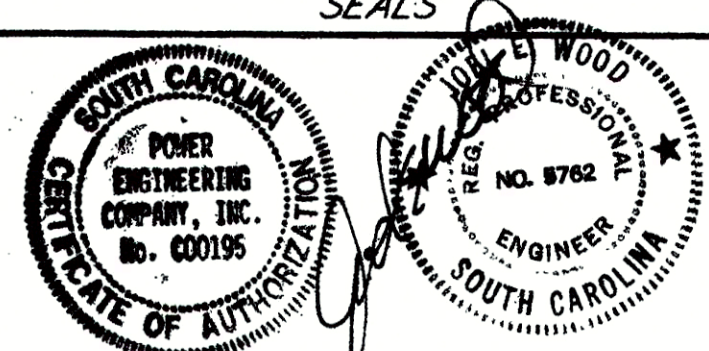
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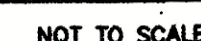
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DETAILS

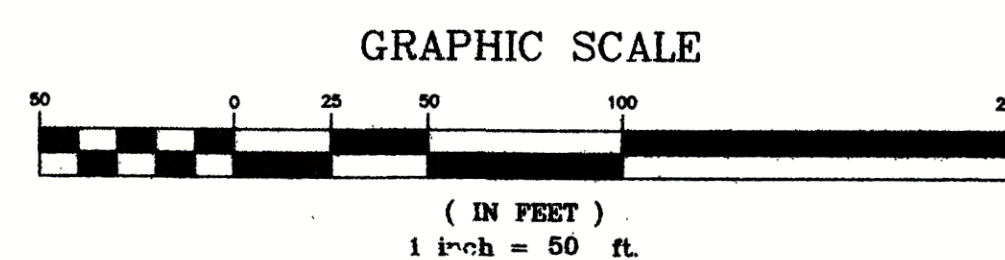
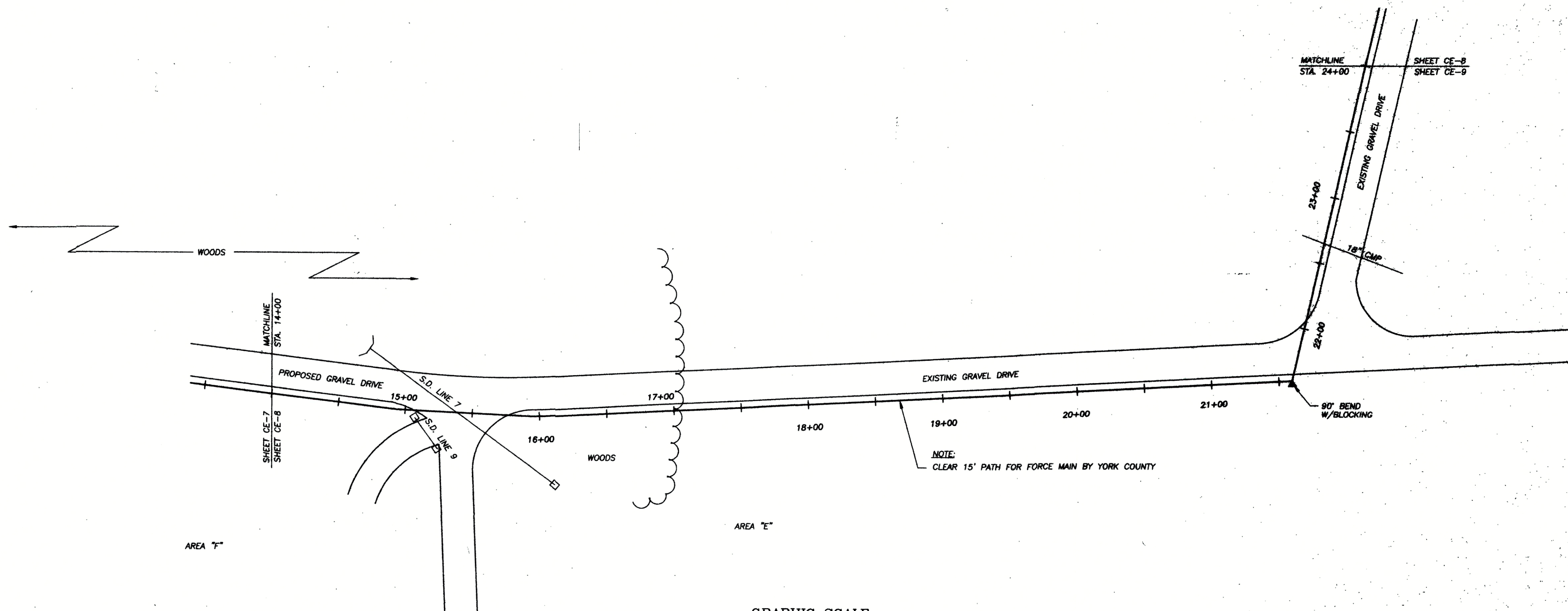


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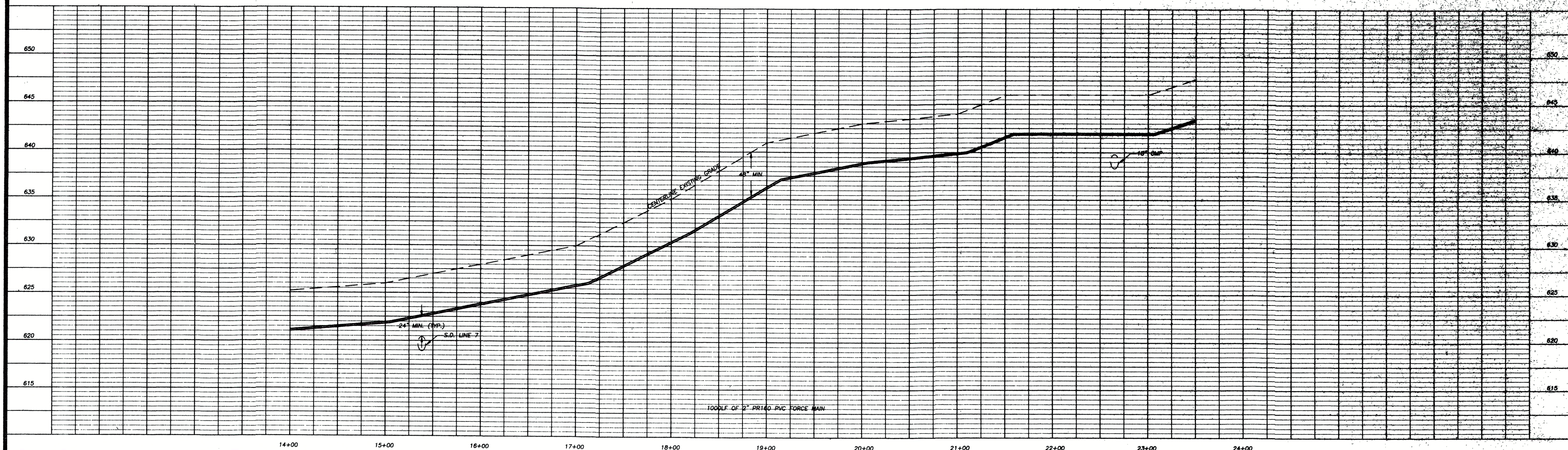
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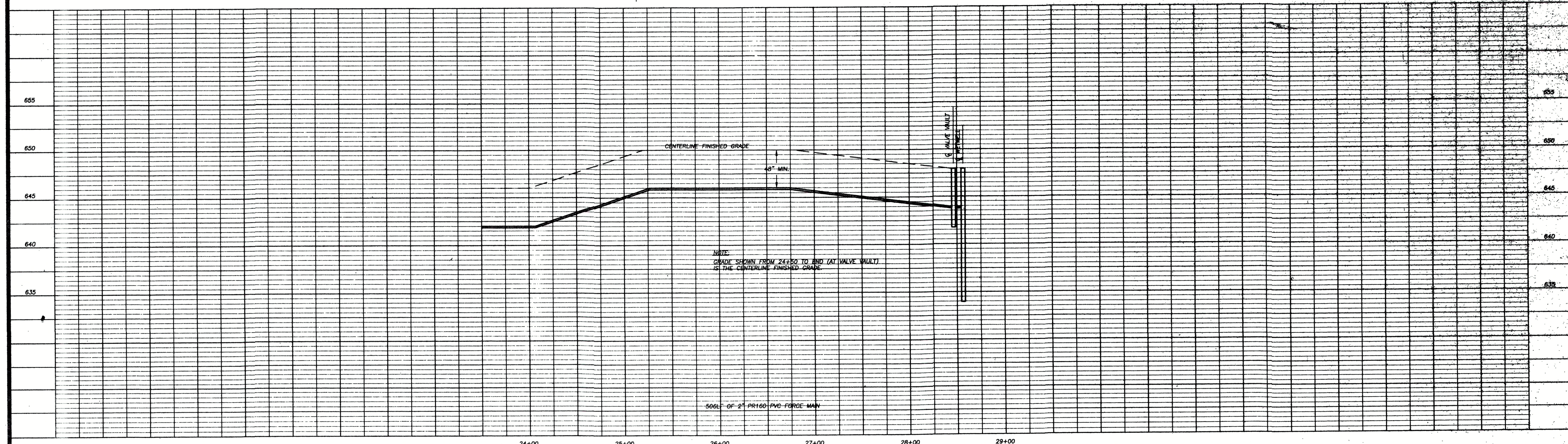
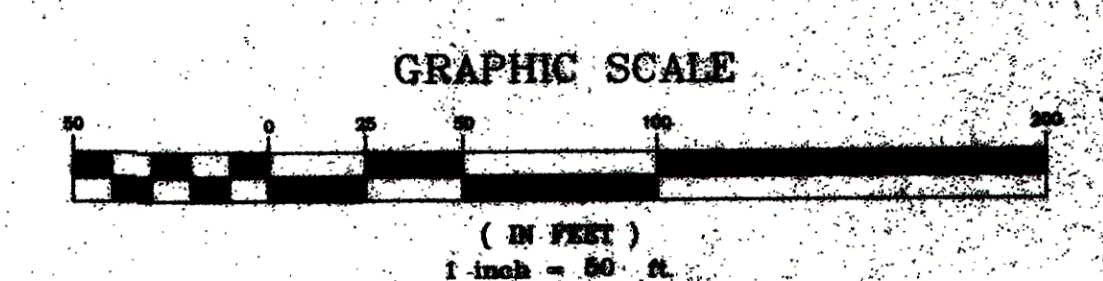
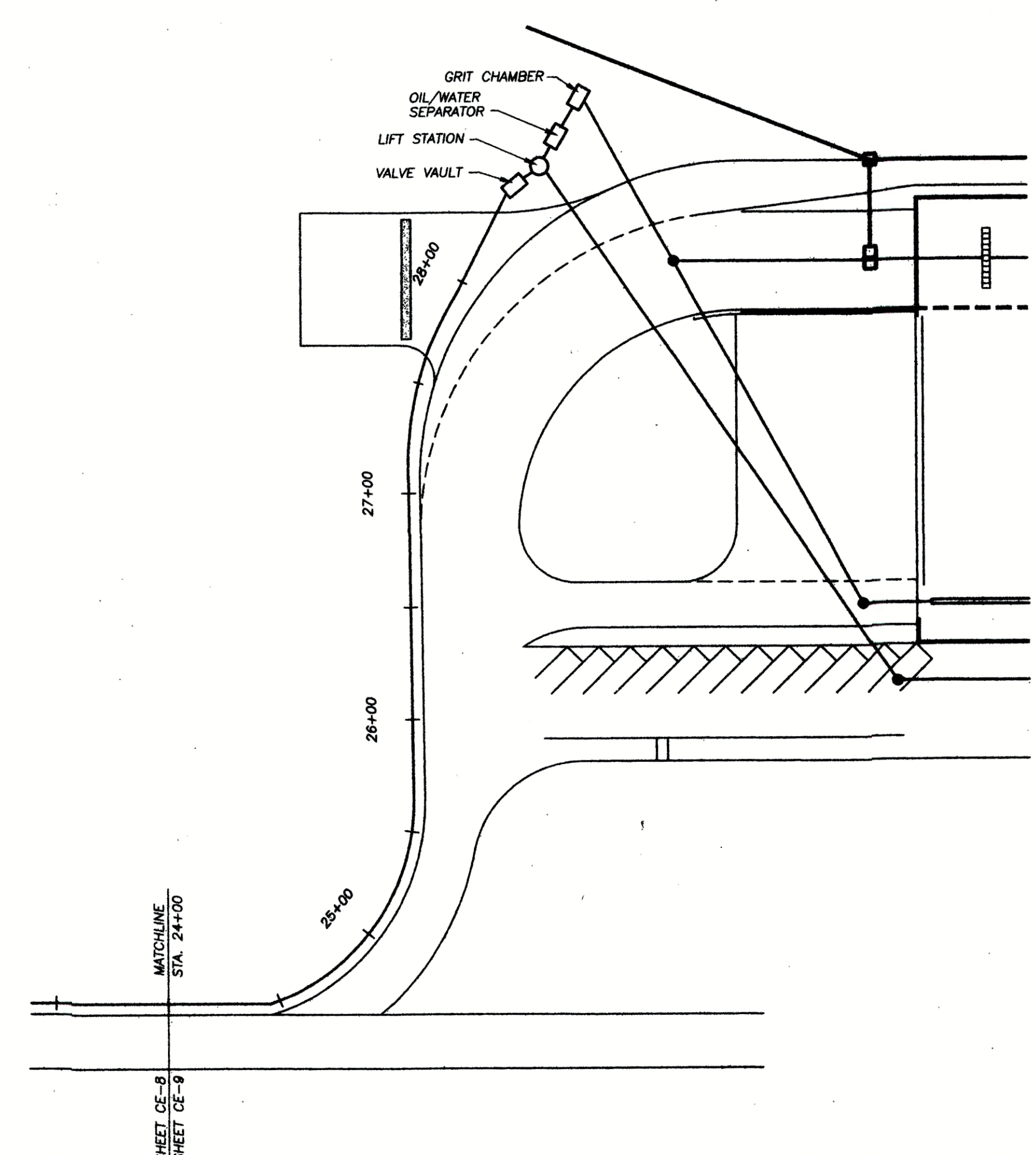
Post Office Box 7788
Charlotte, NC 28261
Phone (704) 558-6200



NOTE:
CENTERLINE EXISTING GRADE MAY VARY FROM THE PLAN
DUE TO ERY TO DAY GRADING OPERATIONS AT THE LANDFILL
SITE. SHOULD THE EXISTING CENTERLINE GRADE VARY
FROM THE PROFILE SHOWN HERE ON THE CONSTRUCTION IS
TO INSTALL THE NEW FORCE MAIN AT THE LOCATION SHOWN
AND MAINTAIN 4 FEET OF COVER MINIMUM.

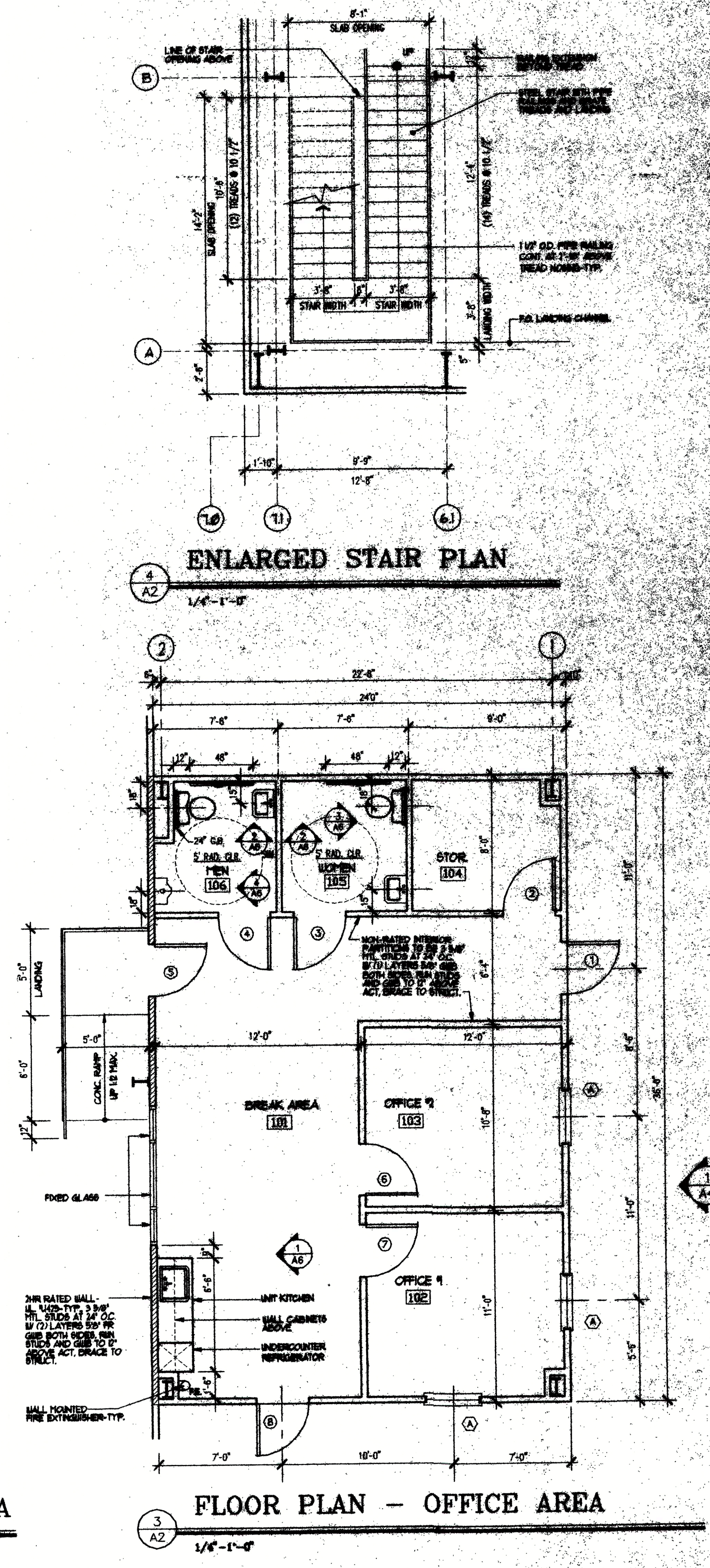
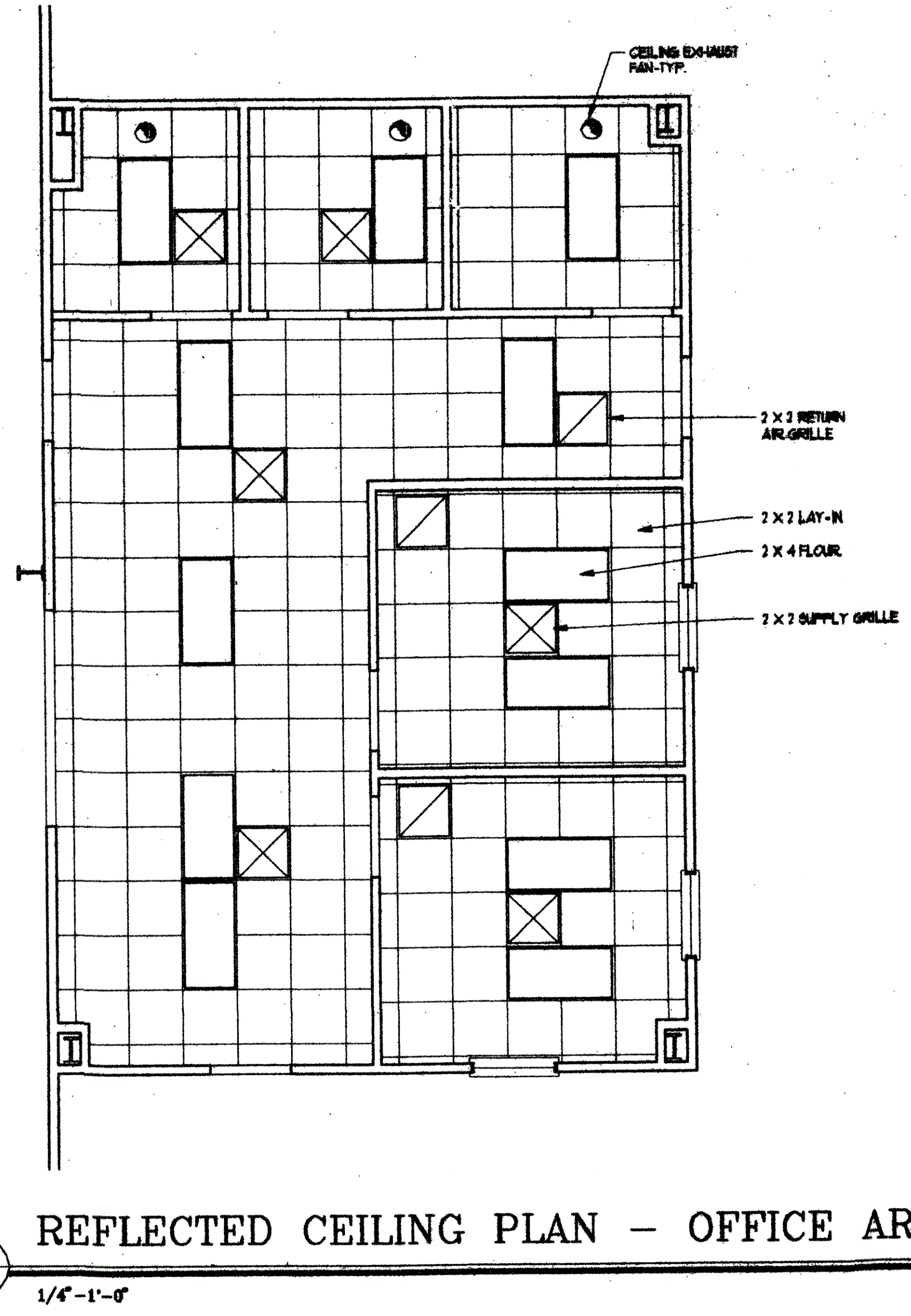
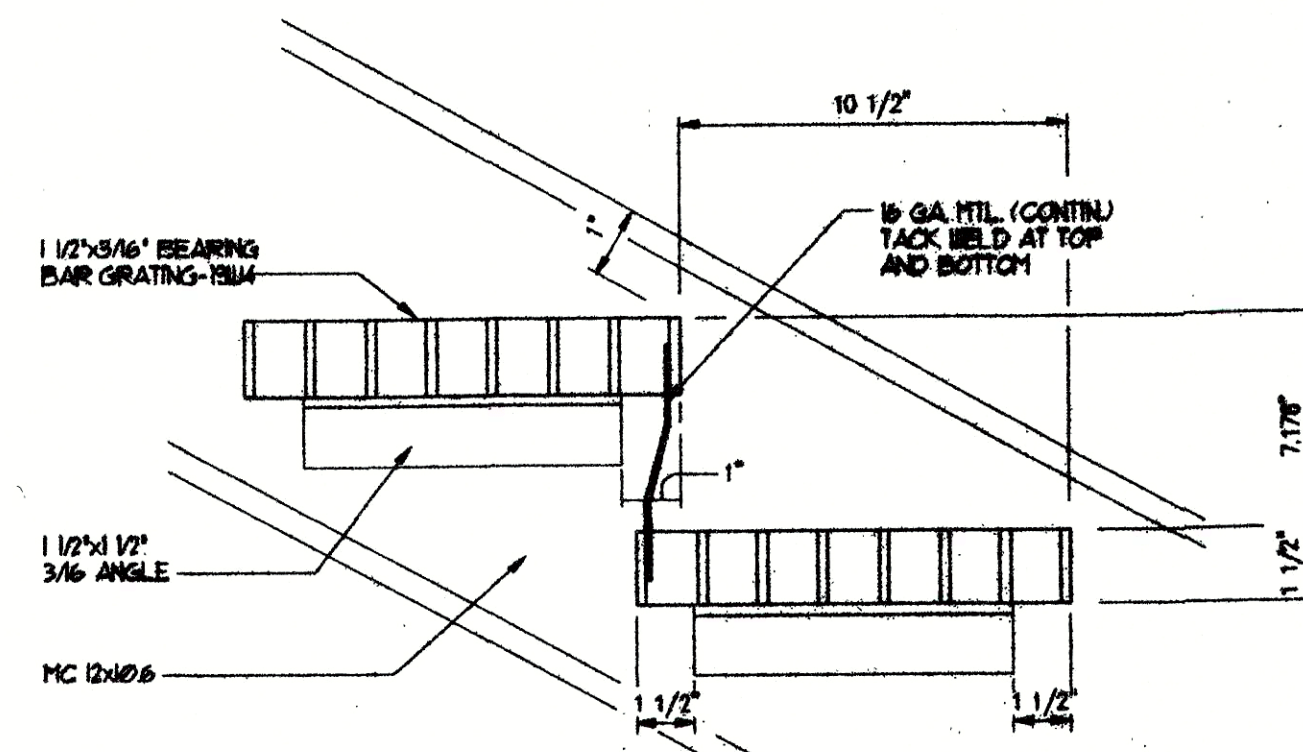
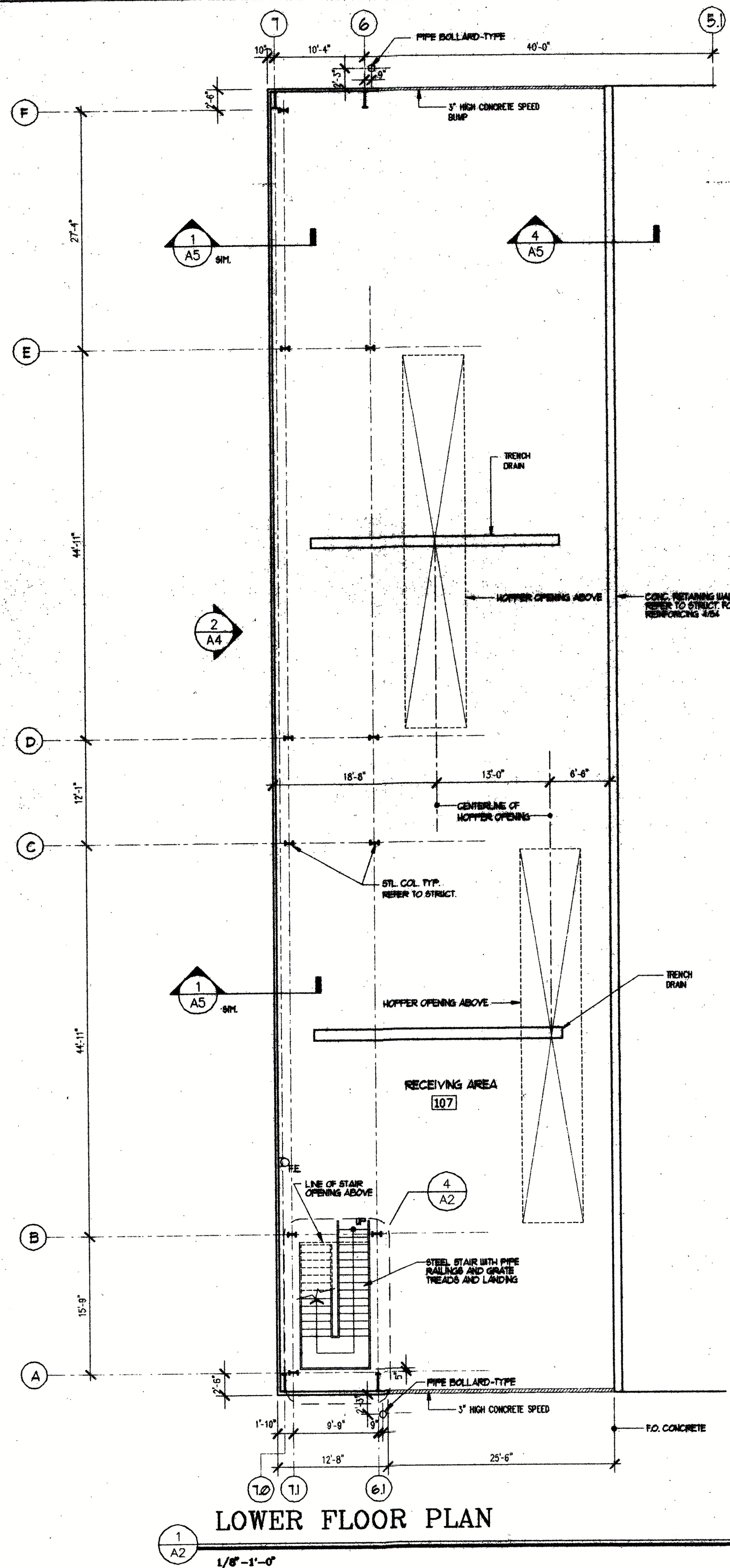


APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE		NO.		DATE		REVISIONS		BY		SCALE	
PROJECT ENGR. J.E.W.		POWER ENGINEERING COMPANY, INC.		POWER ENGINEERING COMPANY, INC.		PROPOSED YORK COUNTY TRANSFER STATION		FORCE MAIN PLAN & PROFILE		NO.		DATE		REVISIONS		BY		SCALE	
DESIGNED BY: D.J.N.		P.O. BOX 411481 CHARLOTTE, NORTH CAROLINA 28241		POWER ENGINEERING COMPANY, INC.		YORK COUNTY, SOUTH CAROLINA												HORIZ 1"=50' VERT. 1"=5'	
CHECKED BY:		P.E. (704)598-9204 FAX (704)598-1838		NO. 000195														DATE: MAY 16, 1997	
APPROVED BY:				SOUTH CAROLINA														ADD NO. 5376	
				SOUTH CAROLINA														SHEET CE-8	



APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE		NO. DATE		REVISIONS		BY		SCALE	
PROJECT ENGR: J.E.W.		POWER ENGINEERING COMPANY, INC.		[Professional Engineer Seal]		PROPOSED YORK COUNTY TRANSFER STATION		FORCE MAIN PLAN & PROFILE								HORZ. 1"=50' VERT. 1"=5'	
DESIGNED BY: D.J.N.		P.O. BOX 411491 CHARLOTTE, NORTH CAROLINA 28241		[Professional Engineer Seal]		PREPARED FOR										DATE: MAY 16, 1997	
CHECKED BY:		P.O. (704) 588-4204 FAX (704) 588-1838		[Professional Engineer Seal]		YORK COUNTY, SOUTH CAROLINA										JOB NO. 5376	
APPROVED BY:																SHEET CE-9	

C:\DWG\1\6376\FORCE.MXD Jun 25 10:18:04 1997 POWER ENGINEERING CO., INC.



850 Montane Park Dr.
 Suite 204
 Charlotte, North Carolina 28211
 704/366-3639
 704/364-9578 FAX

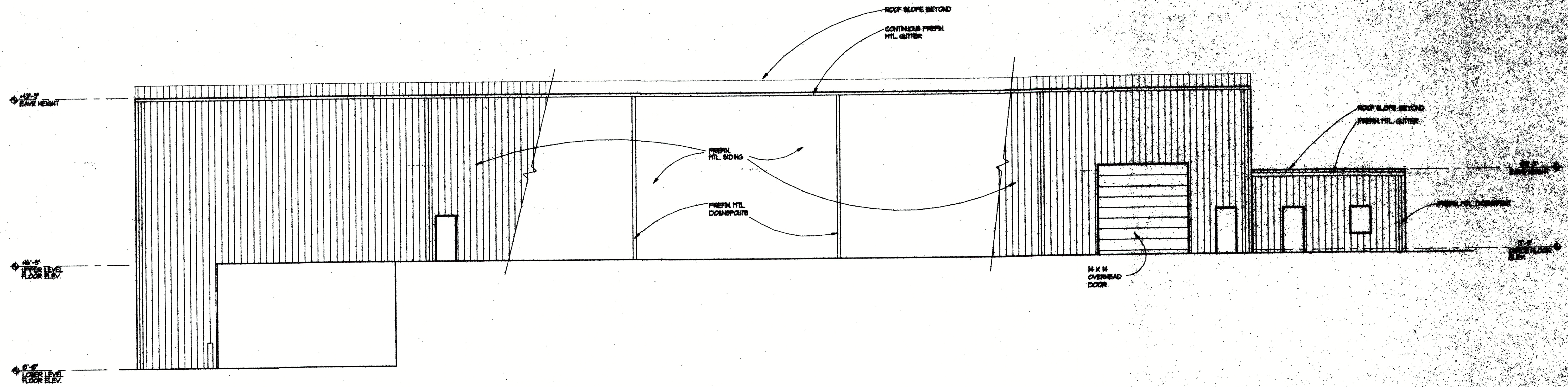
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 TRANSFER
 STATION
 YORK COUNTY,
 NORTH CAROLINA

Content:
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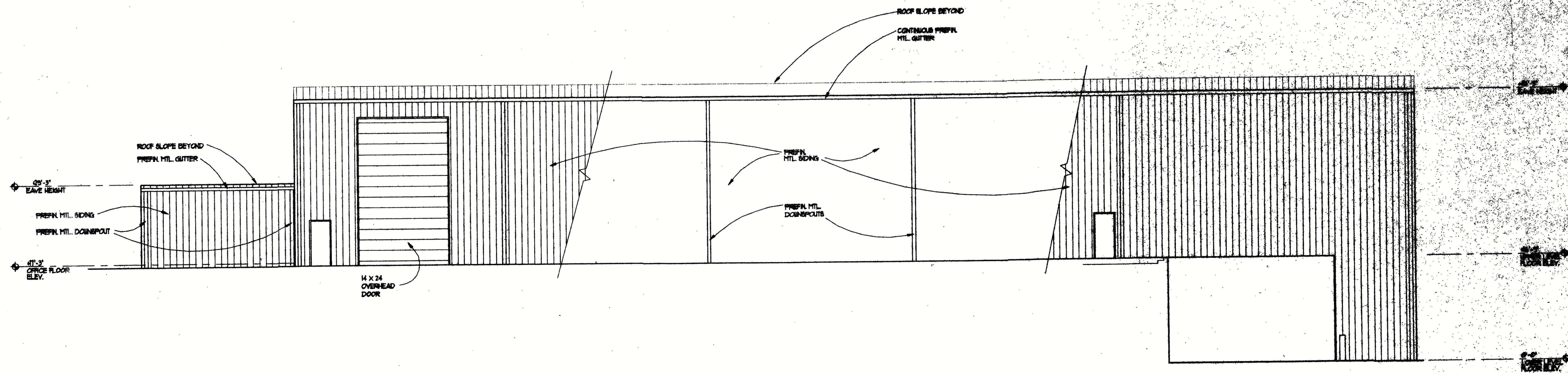
Project Date: 1/16/00
 Revisions: 6/00/00

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Sheet
A2



2
A3
EAST ELEVATION
1/8" = 1'-0"



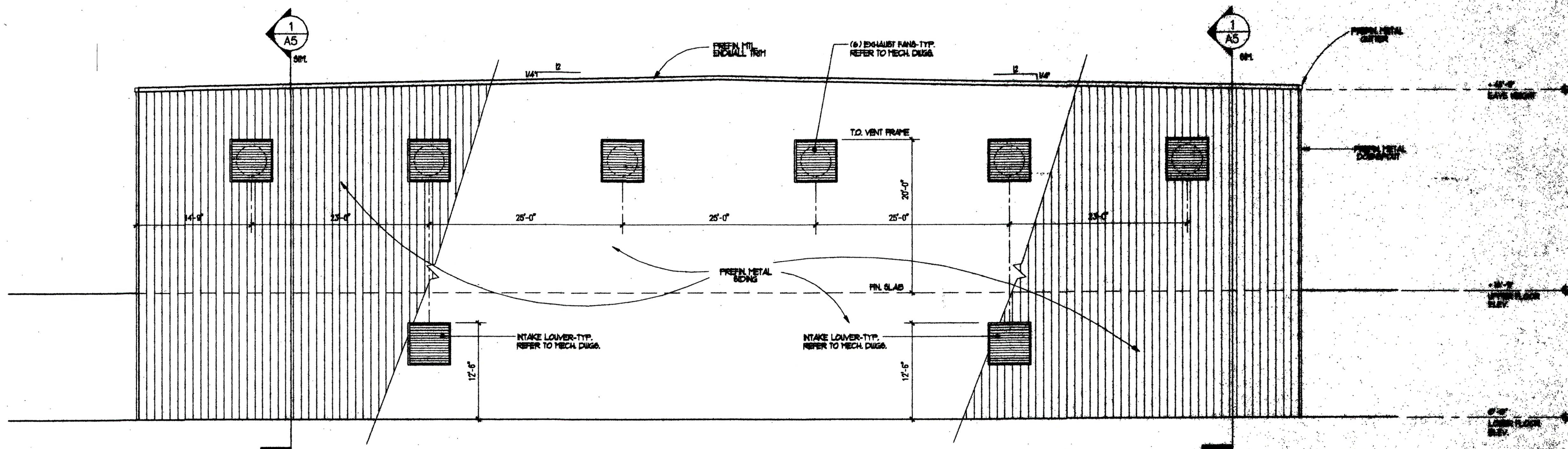
1
A3
WEST ELEVATION
1/8" = 1'-0"

W. Neil Ficklin
ARCHITECT
6510 McAlpine Park Dr.
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YORK COUNTY
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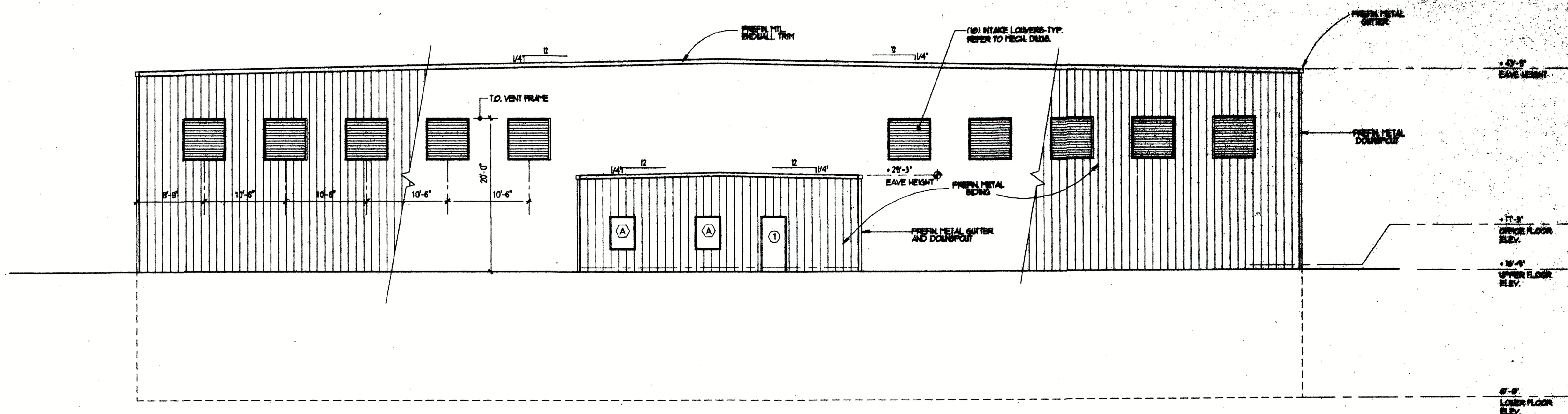
Content
BUILDING
ELEVATIONS
Project
Date 10/09
Revisions 5/09

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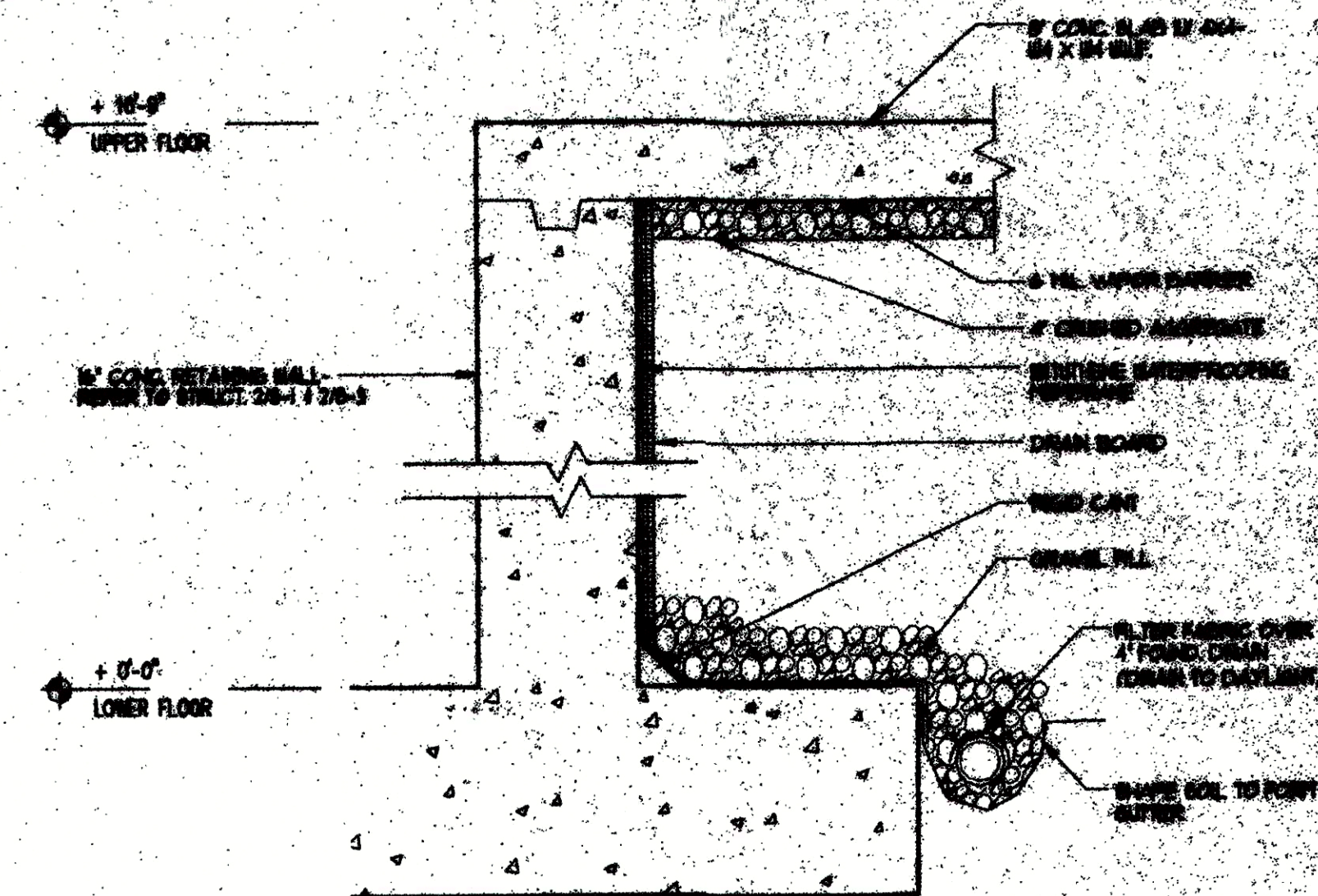
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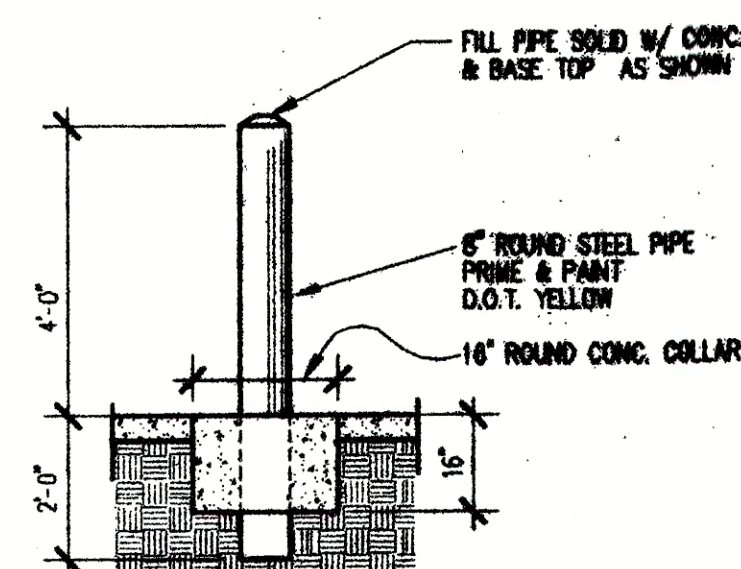
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SOUTH ELEVATION
1/8" = 1'-0"



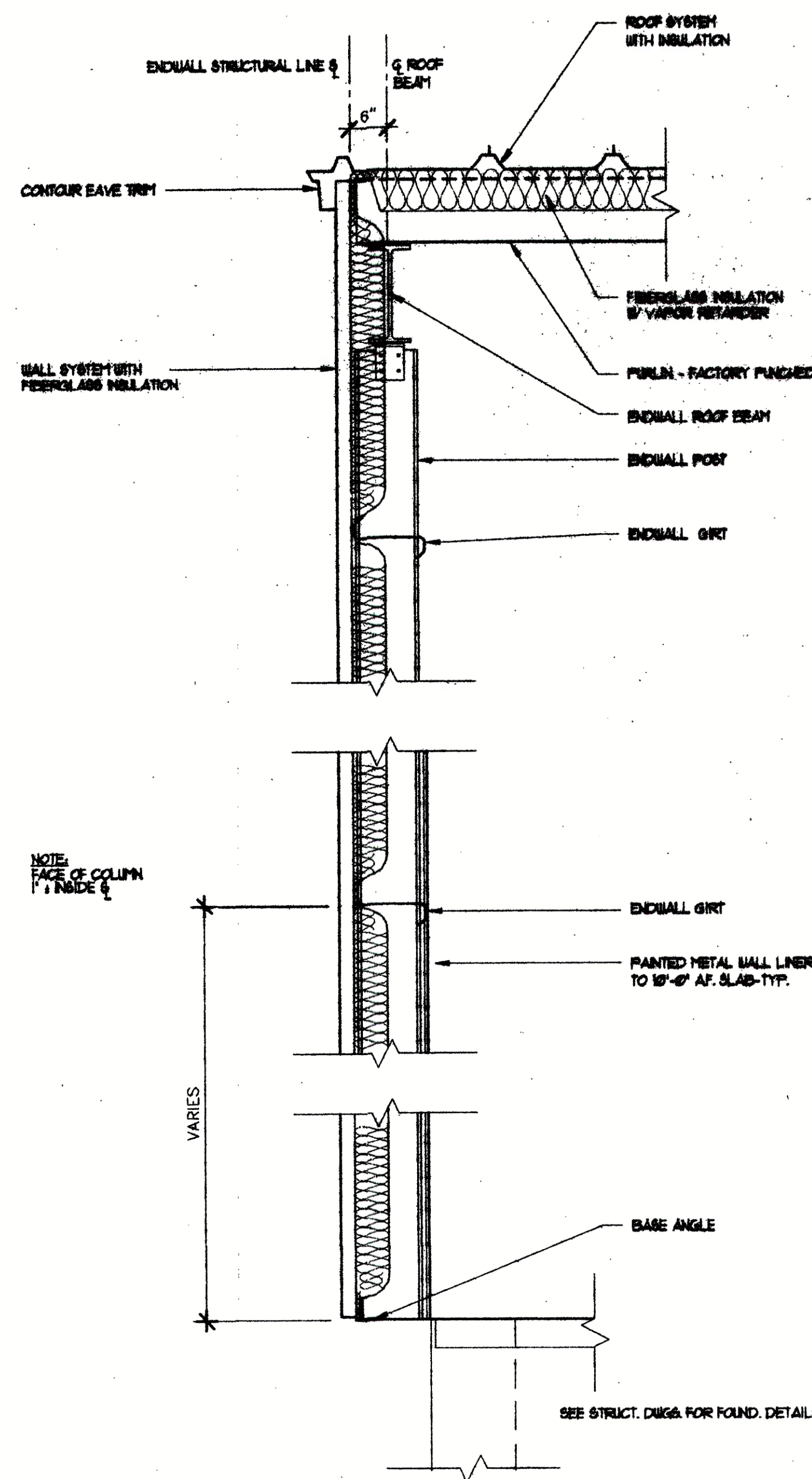
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NORTH ELEVATION
1/8" = 1'-0"



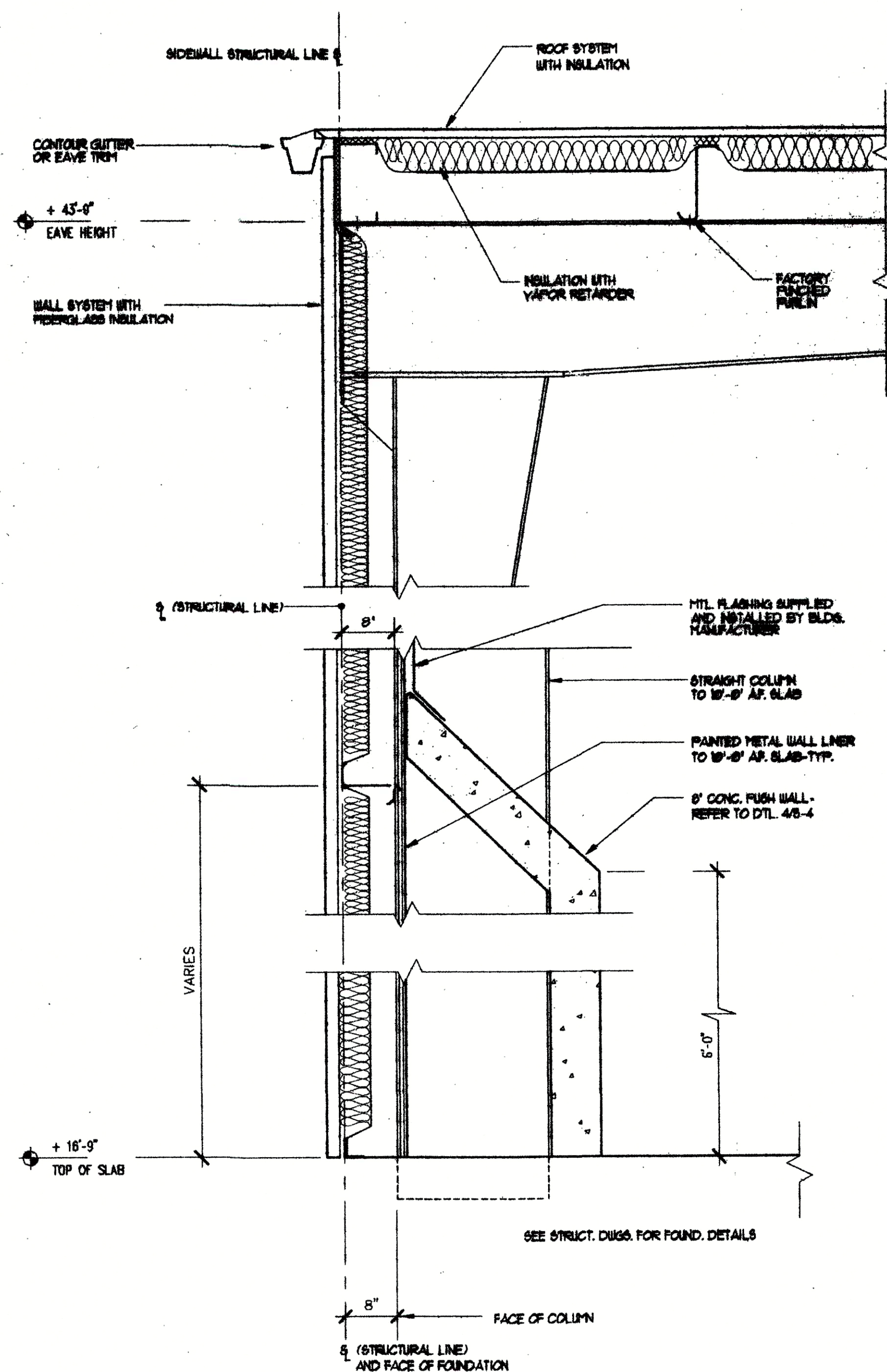
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A5
3/4" = 1'



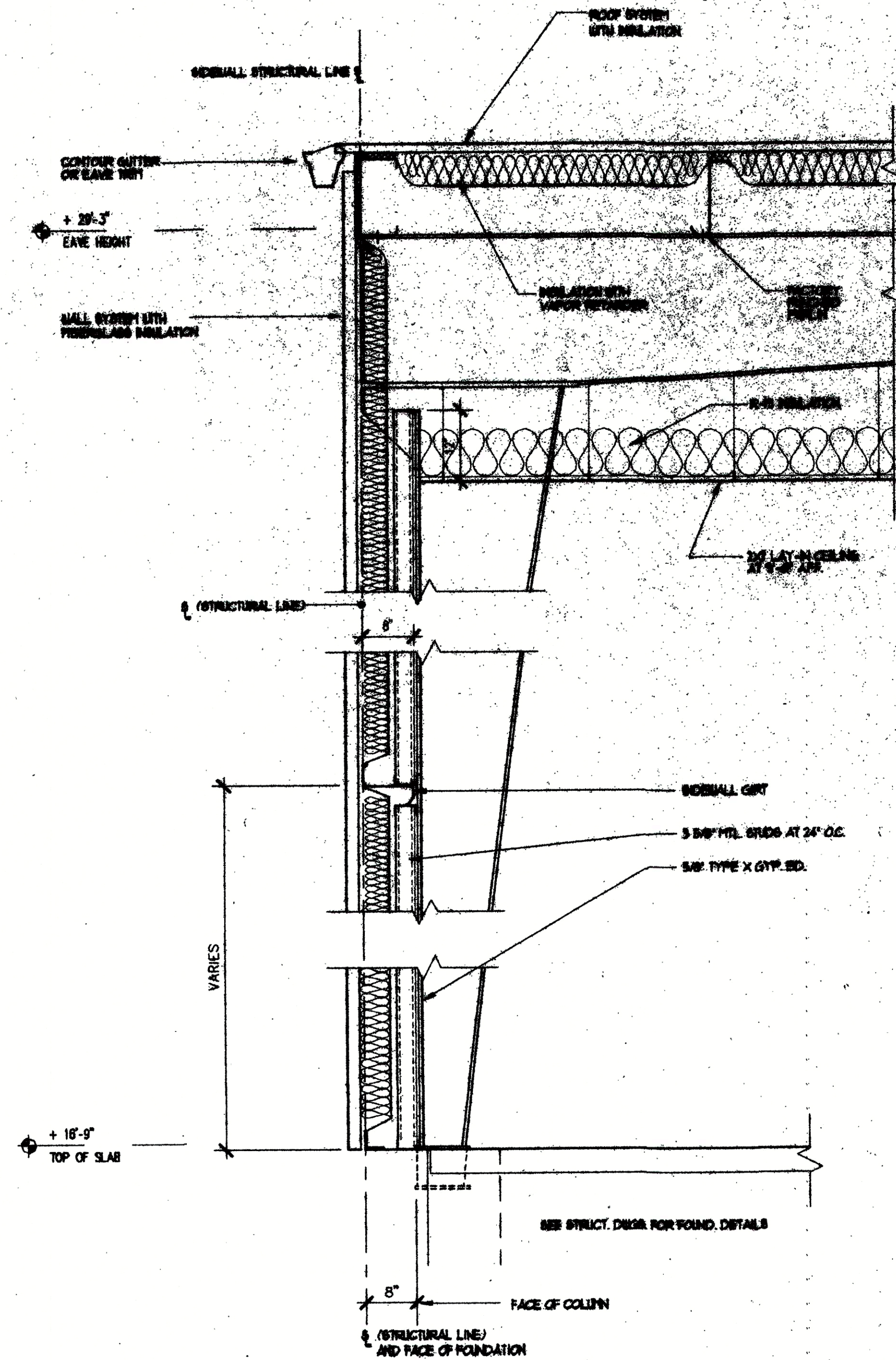
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3/8" = 1'-0"



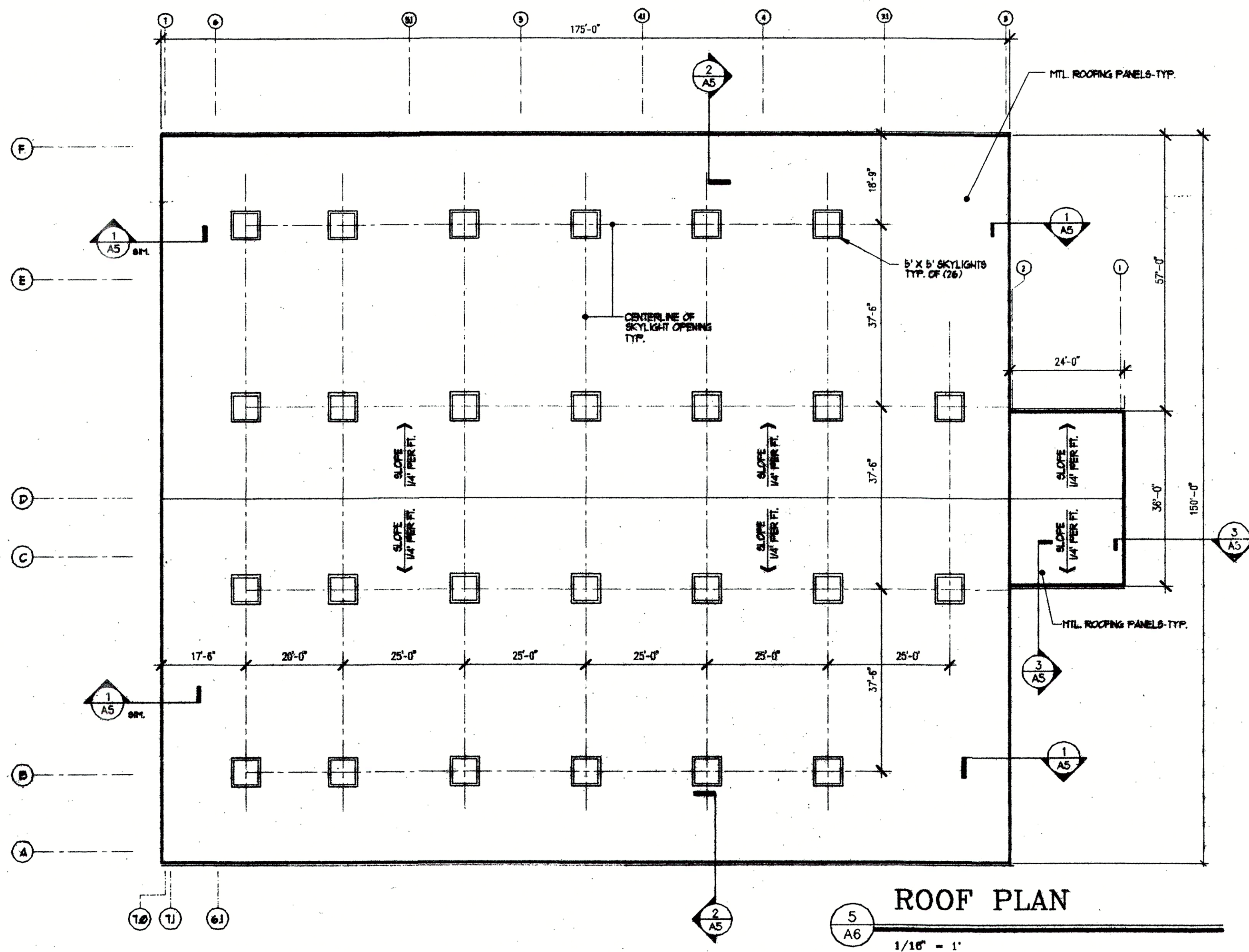
1
A5
3/4" = 1'



2
A5
3/4" = 1'

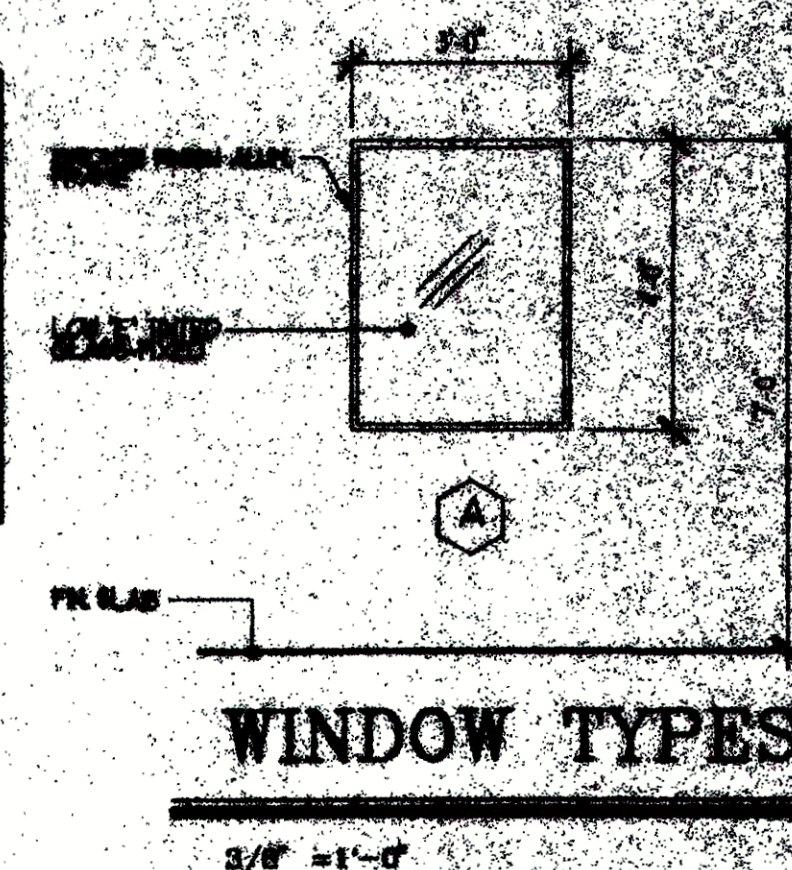


3
A5
3/4" = 1'



- NOTES:**
1. BUILDING MANUF. SHALL SUPPLY AND INSTALL SKYLIGHTS
 2. FINAL LOCATION AND INSTALLATION DETAILS OF THE SKYLIGHTS SHALL BE PER BUILDING MANUF. REQUIREMENTS.
 3. SKYLIGHT SHALL BE EQUAL TO "CLEAR VUE SKYLIGHT" BY BUTLER.

ROOM FINISH SCHEDULE										
REL. NO.	ROOM NAME	FLOOR	SPEC.	WALLS				CEILING		REMARKS
				MT.	GL.	PLST.	PLST.	PLST.	PLST.	
100	TRIPPING FLOOR	CONC.	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
101	BREAK AREA	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
102	OFFICE #1	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
103	OFFICE #2	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
104	STORAGE	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
105	WOMEN	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
106	MEN	WCT	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP
107	RECEIVING	CONC.	WOME	GL.	PLST.	PLST.	PLST.	PLST.	PLST.	WALL, WALL, TRIP, TRIP, TRIP, TRIP

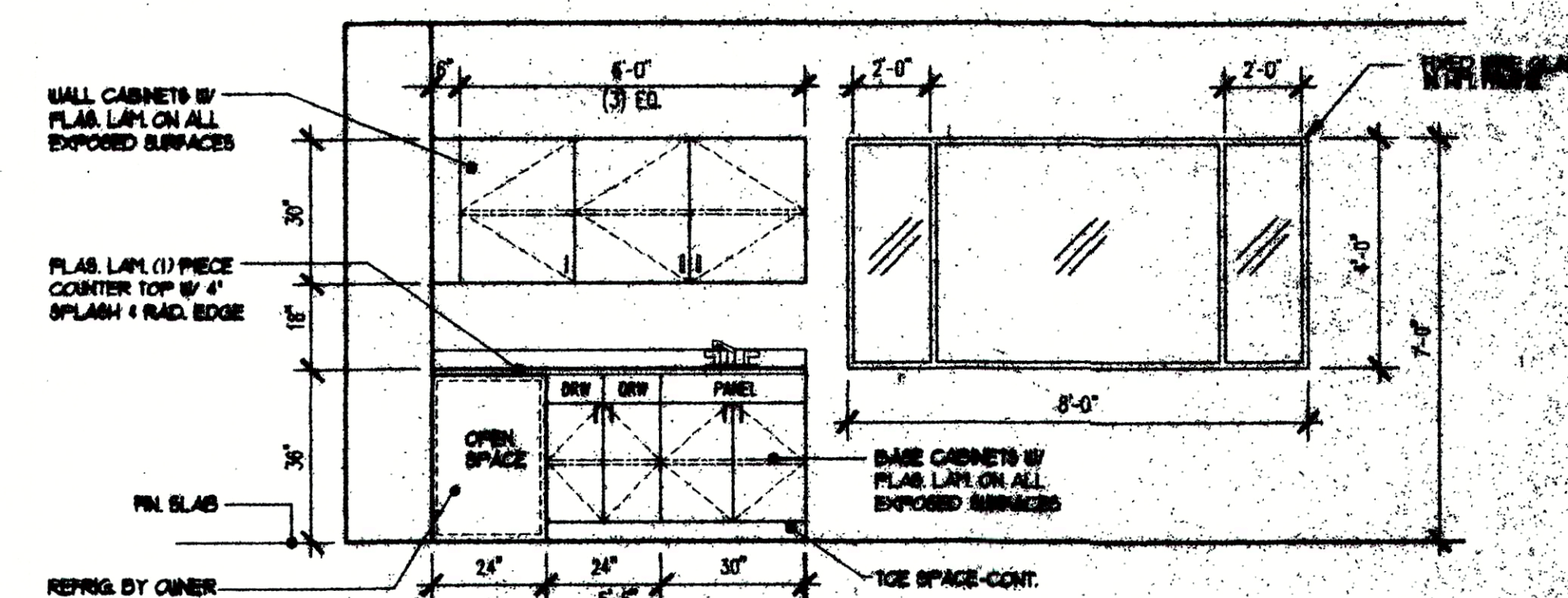
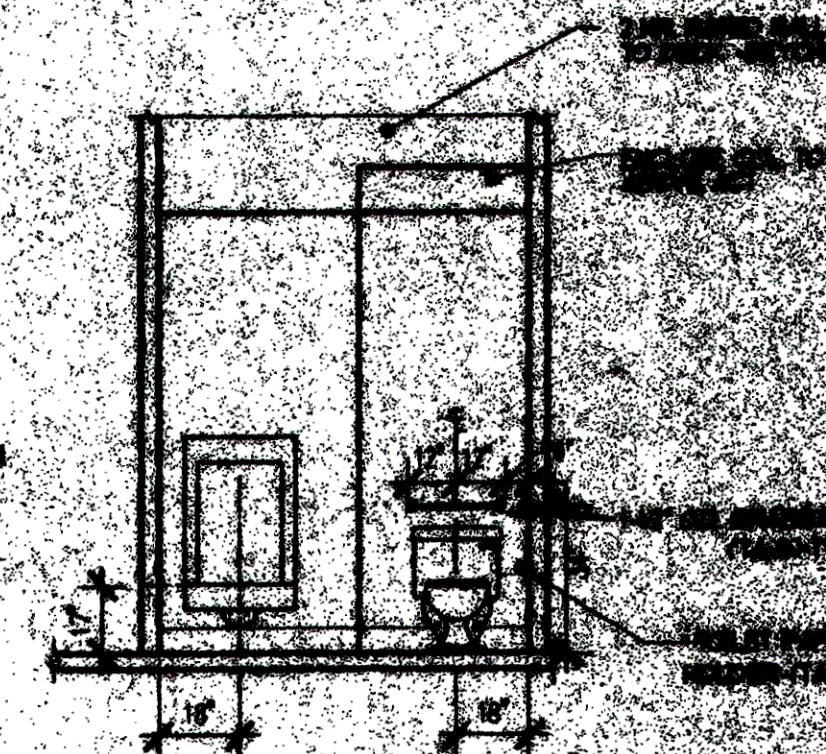
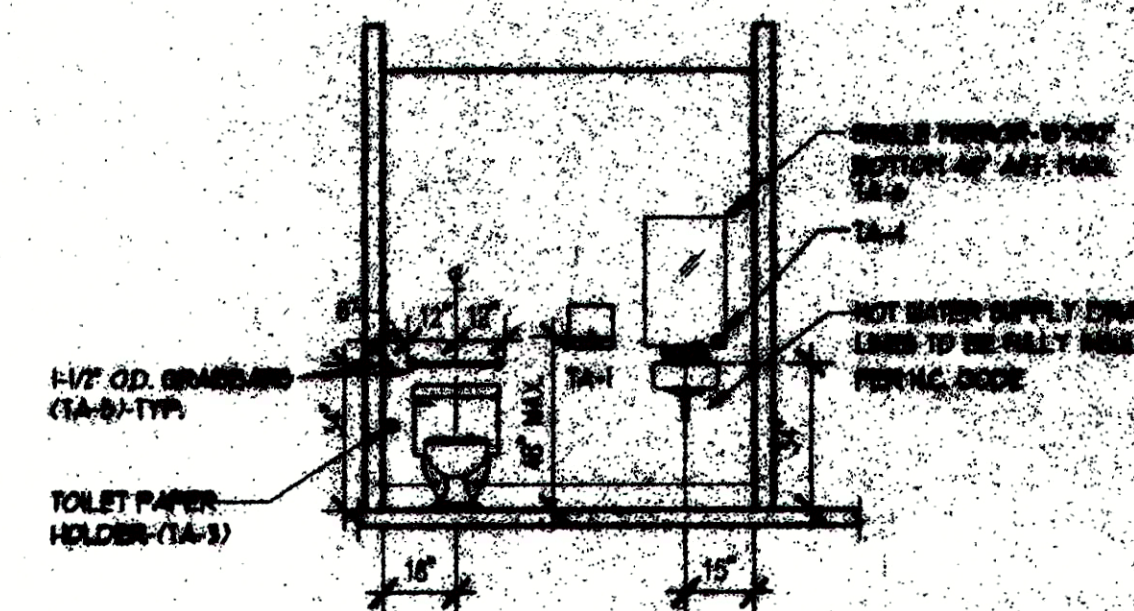
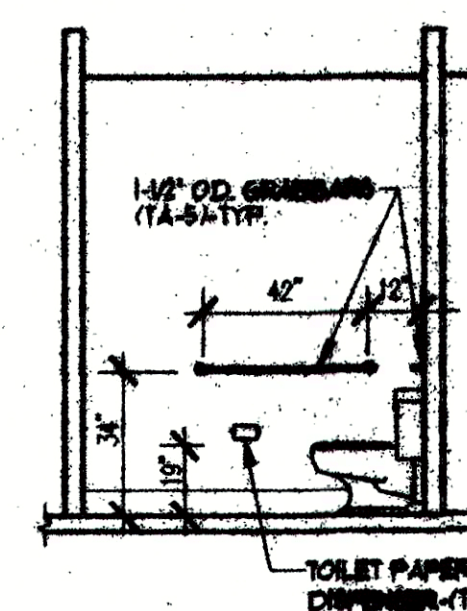


DOOR SCHEDULE					
NO.	SIZE	TYPE	HINGE		REMARKS
			DOOR	FRAME	
1	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	CLOSER, WEATHERSTRIP, BUSH, WASH.
2	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	
3	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	H.C. ACCESS, WEATHER STR.
4	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	H.C. ACCESS, WEATHER STR.
5	3'-0"x7'-0"	FLUSH	H.M.	H.M.	W. LANE, GLASS, BUSH, WASH.
6	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	
7	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	
8	3'-0"x7'-0"	FLUSH	S.C.W.	H.M.	CLOSER, WEATHERSTRIP, BUSH, WASH.
9	3'-0"x7'-0"	FLUSH	H.M.	H.M.	WEATHERSTRIP, BUSH.
10	4'-0"x4'-0"	GUL	WTL.	WTL.	MANUALLY OPERATED
11	4'-0"x4'-0"	GUL	WTL.	WTL.	MANUALLY OPERATED
12	3'-0"x7'-0"	FLUSH	H.M.	H.M.	WEATHERSTRIP, BUSH.
13	3'-0"x7'-0"	FLUSH	H.M.	H.M.	WEATHERSTRIP, BUSH.
14	3'-0"x7'-0"	FLUSH	H.M.	H.M.	WEATHERSTRIP, BUSH.

- NOTES:
1. METAL BUILDING MANUFACTURER TO PROVIDE & INSTALL ALL EXTERIOR WINDOWS AND THE FOLLOWING DOORS: #1, 5, 8, 9, 10, 11, 12, 13 & 14. LATCHSETS & LOCKSETS FOR THESE DOORS TO BE PROVIDED & INSTALLED BY GENERAL CONTRACTOR.
 2. ALL HANDLE HARDWARE TO BE LEVER TYPE.

TOILET ACCESSORIES		
MARK	DESCRIPTION	
TA-1	TOWEL DISPENSER	BRADLEY #229 OR APP. EQUAL
TA-2	SANITARY NAPKIN RECEPTACLE	BOBBICK, BRADLEY OR APP. EQUAL
TA-3	TOILET PAPER DISPENSER	BRADLEY #6089 OR APP. EQUAL
TA-4	MINIUM MOUNTED SOAP DISPENSER	BOBBICK, BRADLEY OR APP. EQUAL
TA-5	S.E. GRAM DYES - 1 1/2" DIA.	BOBBICK MODEL B-854 A2 AND 2
TA-6	FRAMED MIRROR	BOBBICK, BRADLEY OR APP. EQUAL

- NOTES:
1. ALL FAUCET HARDWARE TO BE LEVER TYPE



- W. Pauline**
- ABSTRACT**

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704/365-8829
704/364-3673 FA

SEATTLE WASH.
MAY 28
1947

**YORK
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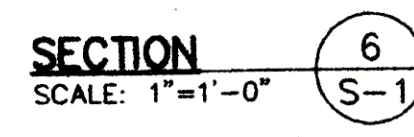
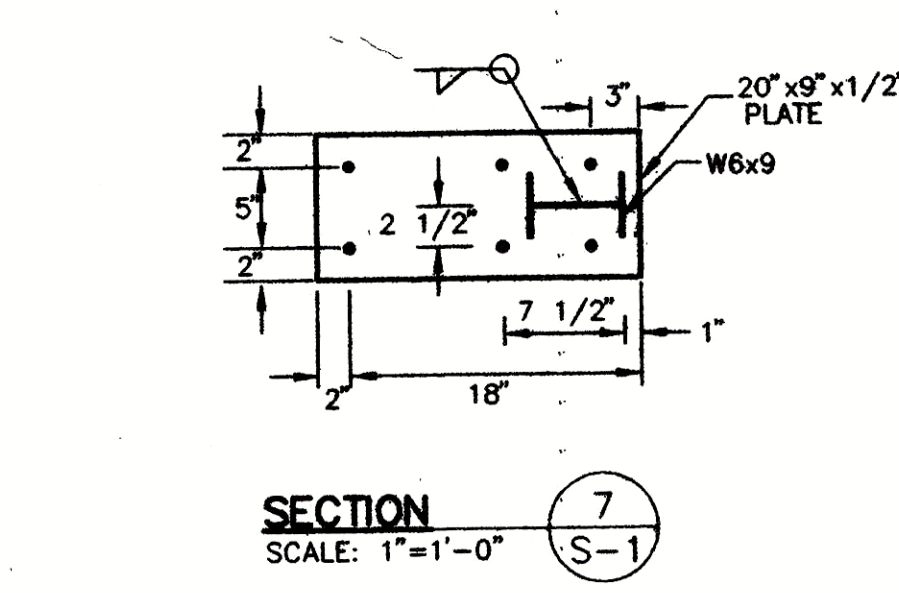
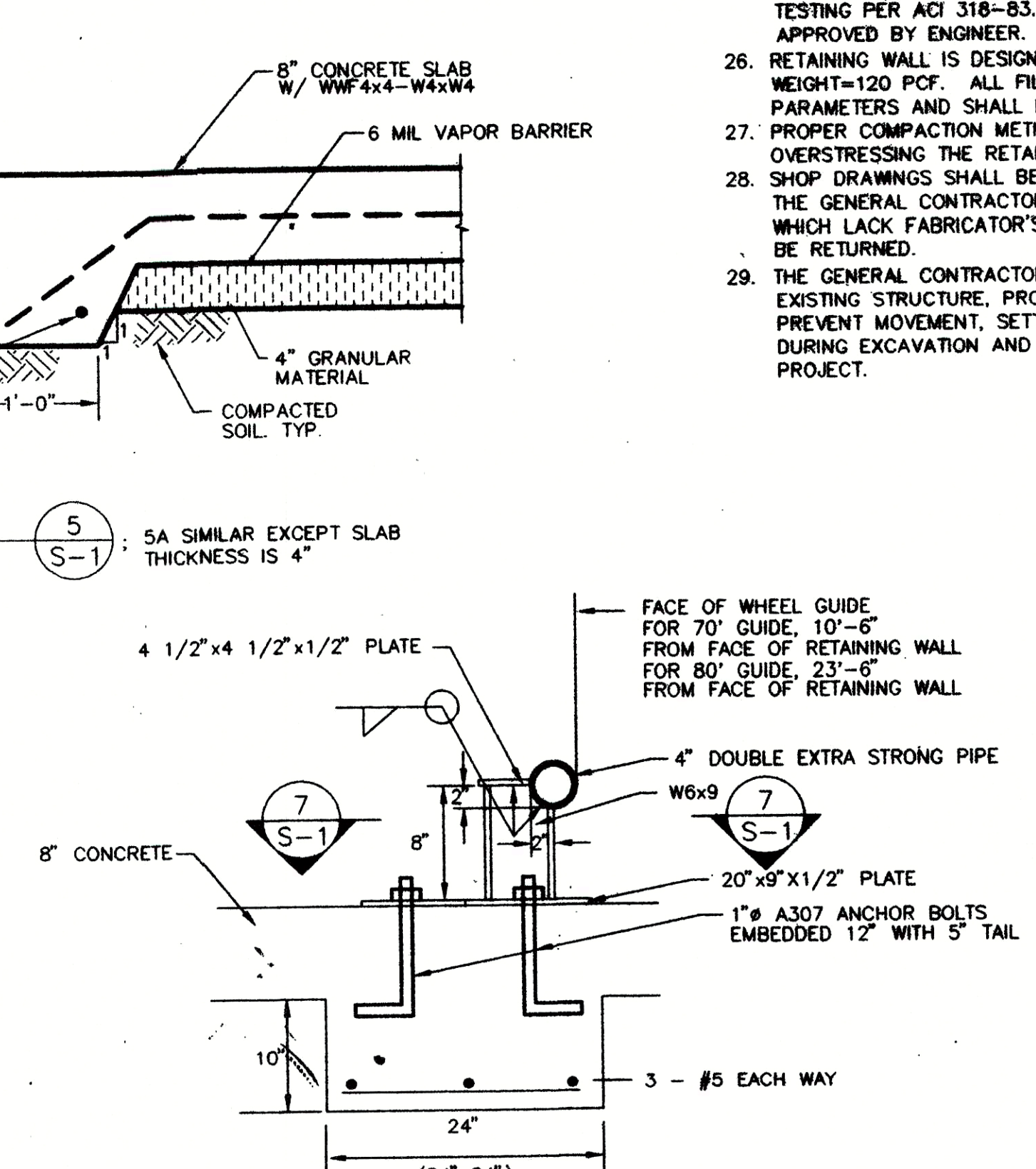
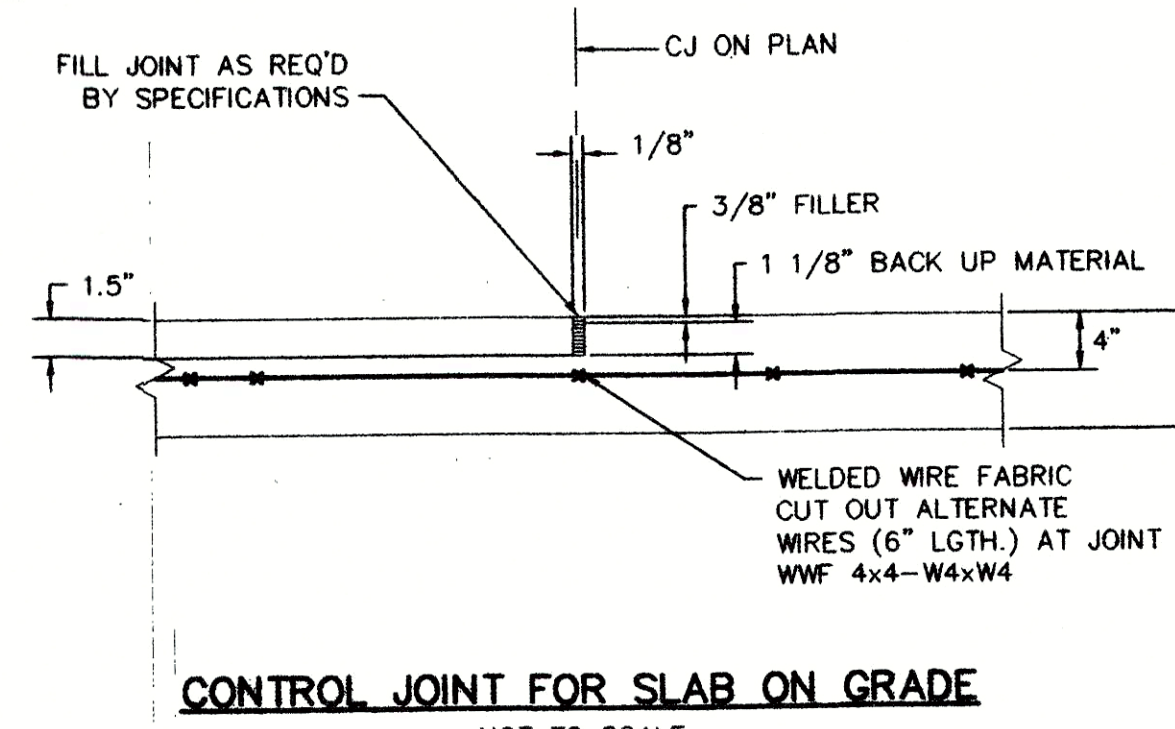
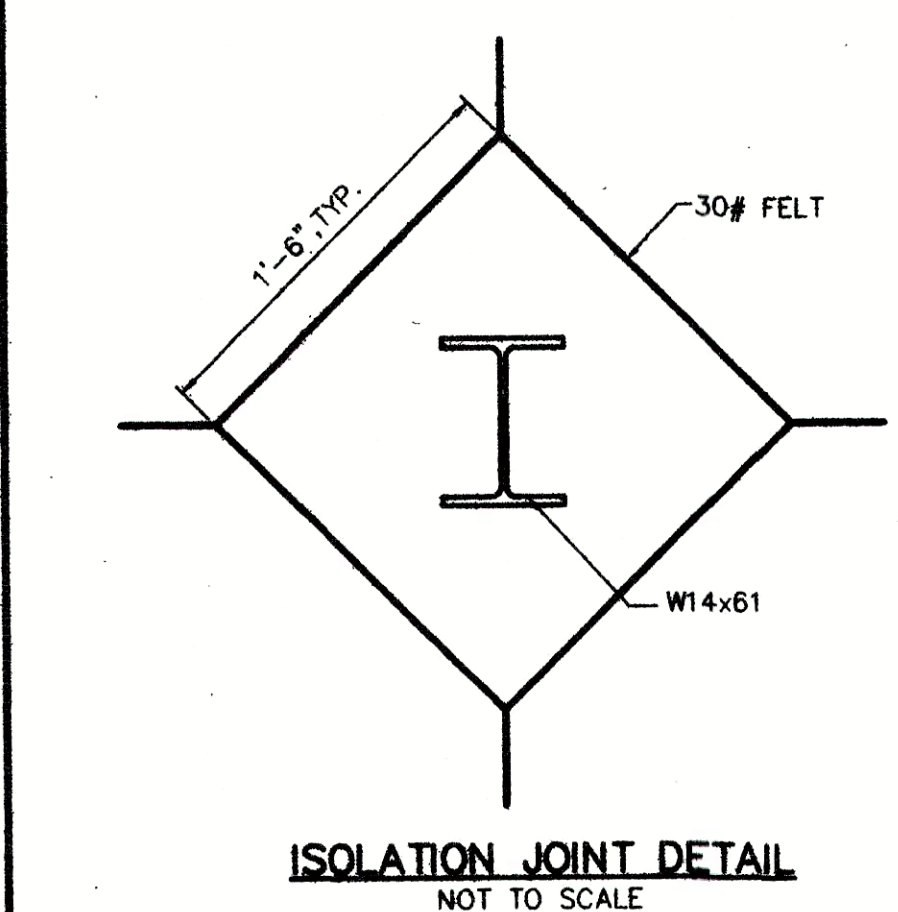
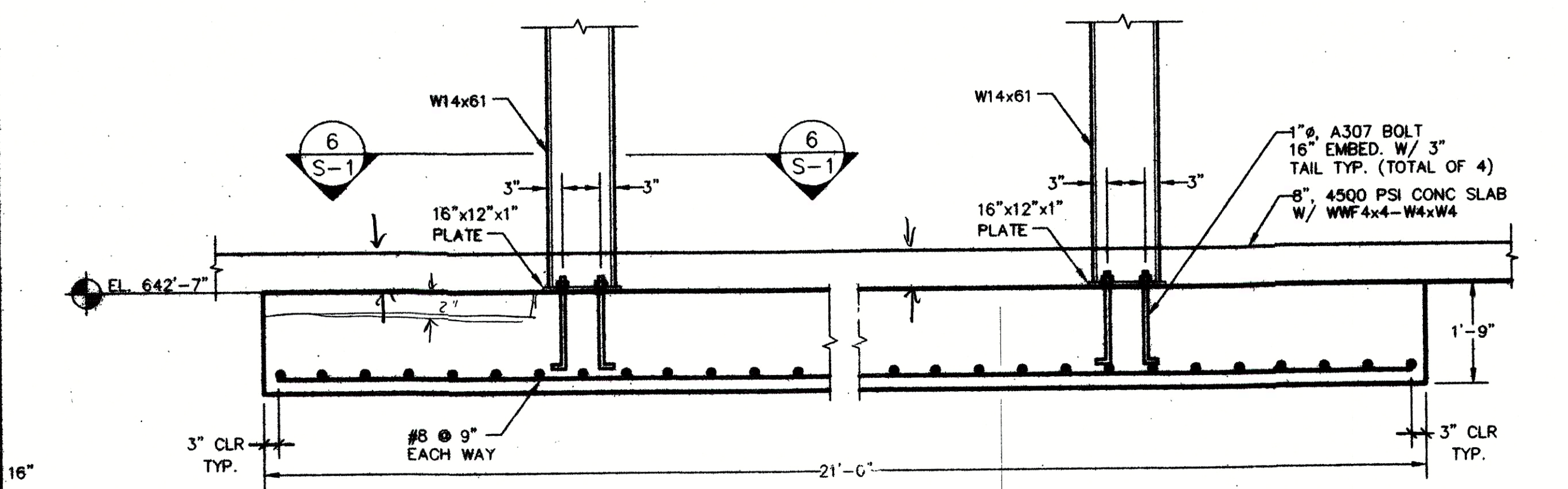
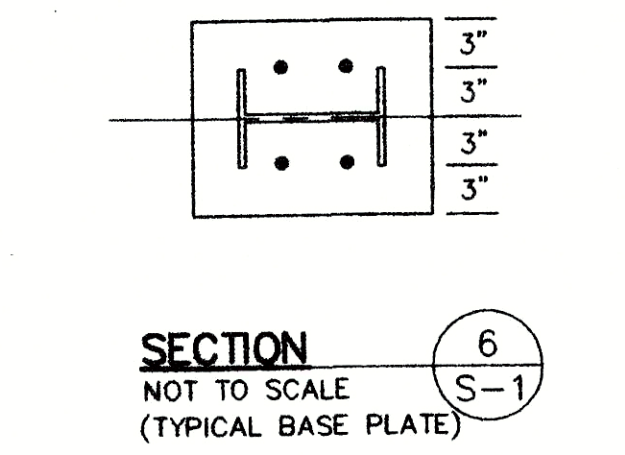
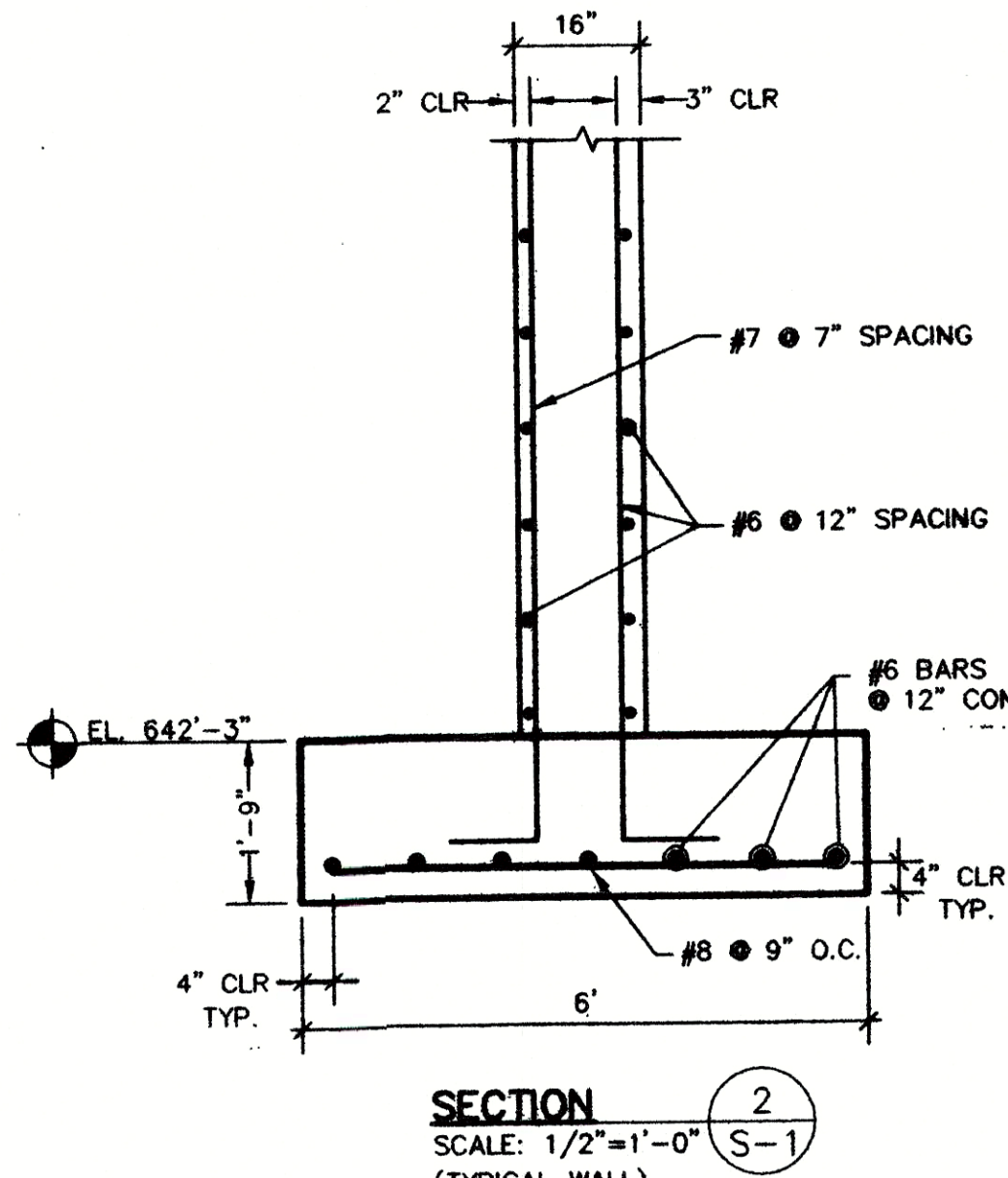
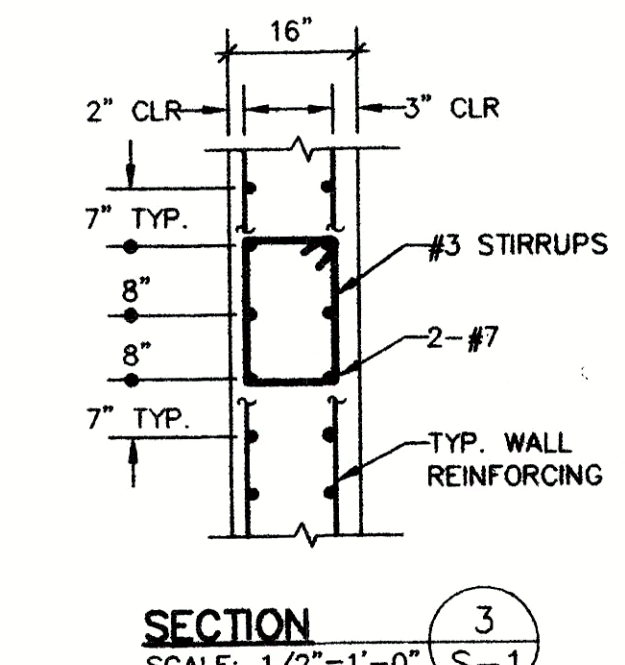
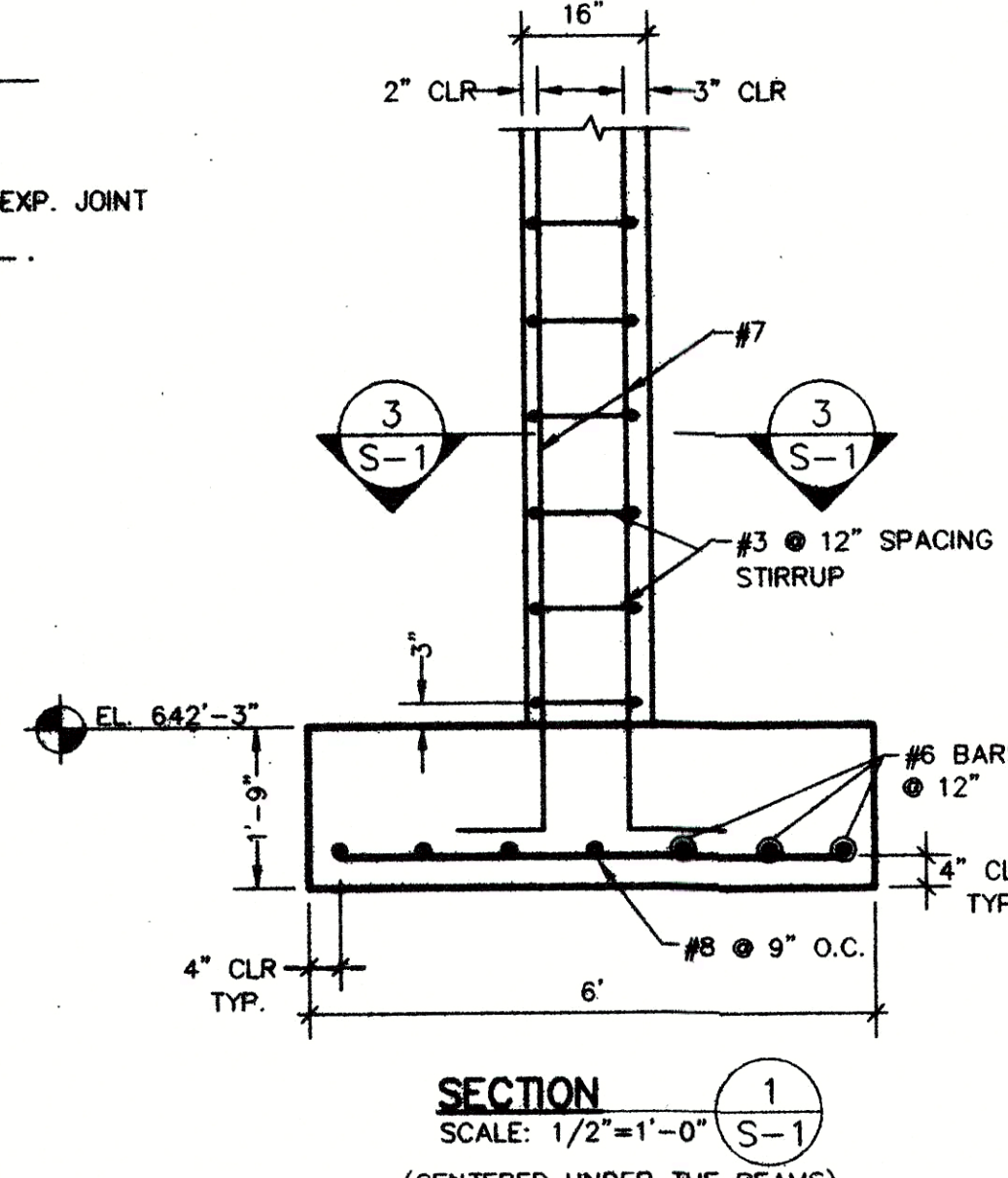
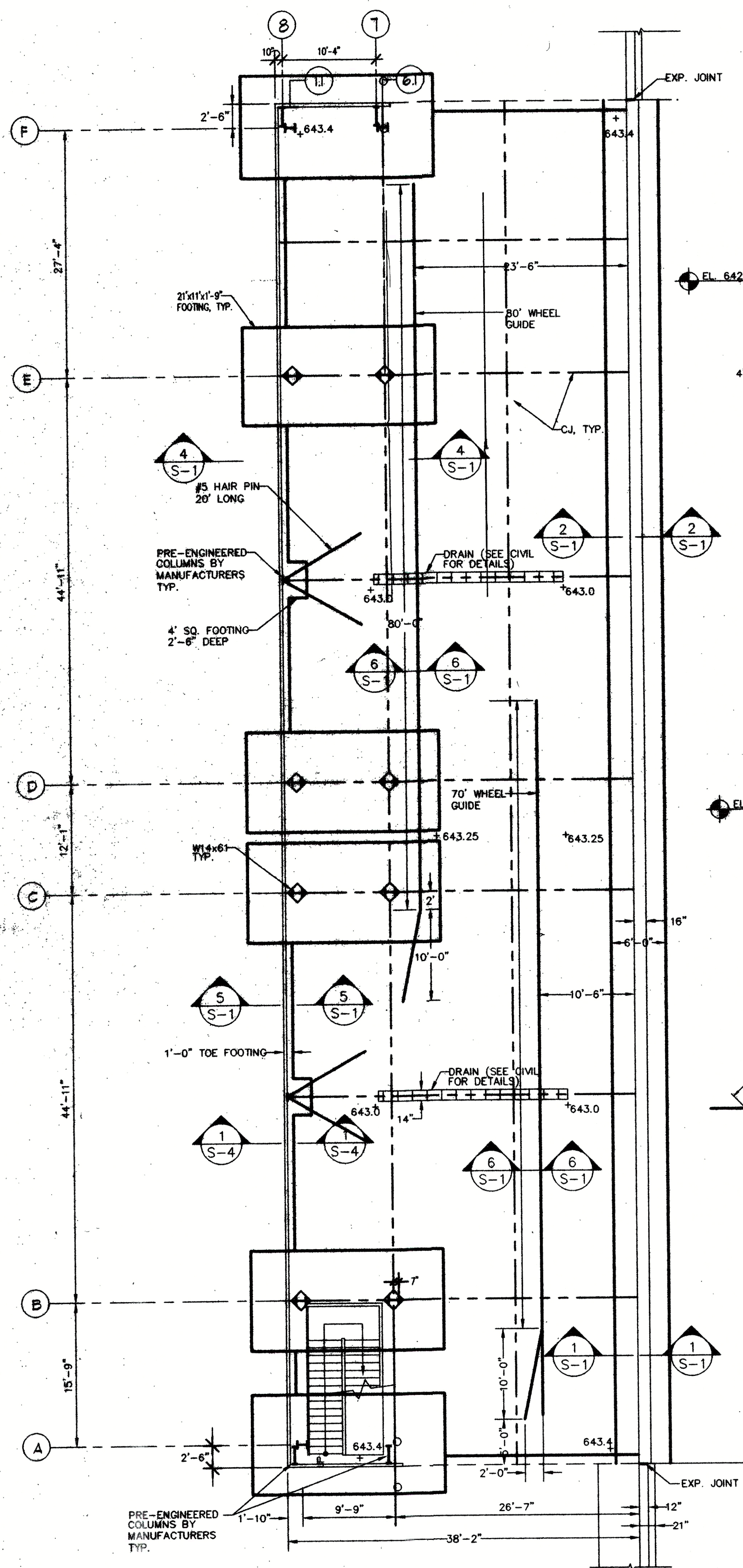
**YORK COUNTY,
NORTH CAROLINA**

Content:

Project
Date
Revisions

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A



- GENERAL NOTES
- DESIGN SPECIFICATIONS: STANDARD BUILDING CODE (1994 EDITION).
DESIGN LOADS: ROOF LIVE LOAD: 20 PSF.
FLOOR LIVE LOAD: 200 PSF
DEAD LOAD: ACTUAL
WIND VELOCITY: 80 MPH.
SEISMIC LOAD: $A_v < .15$
 - IN CASE OF A DISCREPANCY IN DIMENSIONS OR DETAILS, BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS, NOT AFFECTING STRENGTH, THE ARCHITECT'S PLANS SHALL GOVERN. FOR DIMENSIONS AND DETAILS NOT SHOWN, SEE ARCHITECT'S PLANS.
 - THE CONSTRUCTION FALSEWORK DESIGN (IF ANY) IS THE RESPONSIBILITY OF THE CONTRACTOR. THE DESIGN SHALL BE PERFORMED BY A REGISTERED ENGINEER AND SHALL BE SUBMITTED FOR APPROVAL BEFORE COMMENCING OF THE WORK.
 - WHERE A DETAIL IS SHOWN ON STRUCTURAL DRAWINGS FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR OR LIKE CONDITIONS, UNLESS NOTED OR SHOWN OTHERWISE ON PLANS.
 - ALL ITEMS SHALL BE TIGHTLY ANCHORED OR ATTACHED SQUARE, PLUMB, AND TRUE, OR IN OTHER PLANES AND SHAPES AS SHOWN ON THE DRAWINGS. JOINTS SHALL BE TIGHT, EVEN, AND FREE OF OFFSETS. NO FIELD ALTERING OF ANY MEMBERS WILL BE ALLOWED THAT WILL CAUSE THEM NOT TO BE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, WITHOUT WRITTEN APPROVAL OF THE PROJECT ENGINEER.
 - THE DIMENSIONS SHOWN WITH A SUFFIX "L" ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE FABRICATION.
 - IF THE CONTRACTOR FINDS A DIFFERENCE BETWEEN THESE DRAWINGS AND EXISTING ELEVATIONS, OR OTHER CONDITIONS WHICH PROHIBIT EXECUTION OF THE WORK AS DIRECTED IN THESE DRAWINGS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 - THE CONTRACTOR SHALL EMPLOY A LABORATORY TO PERFORM THE QUALITY ASSURANCE, SAMPLING, TESTING AND/OR INSPECTION AT HIS EXPENSE. FINAL SELECTION OF SUCH LABORATORY SHALL BE APPROVED BY THE ENGINEER.
 - THE FOUNDATION IS DESIGNED BASED ON THE ALLOWABLE SOIL BEARING PRESSURE OF 2 KSF. THE FOUNDATION EXCAVATION SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER BEFORE THE PLACEMENT OF FOUNDATION.
 - ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM-A36 UNLESS OTHERWISE NOTED.
 - ALL WELDING SHALL COMPLY WITH AWS D1-1 STRUCTURAL WELDING CODE THE LATEST EDITION.
 - ALL BOLTS SHALL BE A325 HIGH STRENGTH, FRICTION TYPE UNLESS OTHERWISE NOTED.
THE STRUCTURAL STEEL SHALL HAVE ONE COAT OF ANTI-RUST PAINT AND ONE COAT OF FINISH PAINT OF COLOR DETERMINED BY THE OWNER.
 - FABRICATION AND ASSEMBLY OF BOLTED CONNECTIONS SHALL COMPLY WITH APPLICABLE SECTIONS OF AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS."
 - STEEL DECK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST S.D.I. AND MANUFACTURER'S SPECIFICATIONS UNLESS OTHERWISE NOTED.
 - STEEL DECK SHALL BE INSTALLED SO THAT NO SINGLE SHEET SPANS LESS THAN THREE SPANS.
 - STEEL DECK SHALL BE WELDED TO STEEL BEAM USING 5/8" PUDDLE WELDS @ 12" MAX. SPACING.
 - CONCRETE: CONCRETE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 4500 PSI.
 - REINFORCEMENT: ALL MILD REINFORCEMENT BAR SHALL BE A615 GRADE 60 STEEL.
 - BENDING DIMENSIONS AND TOLERANCES FOR REINFORCING BAR SHALL CONFORM TO THE CURRENT CRSI MANUAL OF STANDARD PRACTICE.
 - LAP SPICES SHALL CONFORM TO THE CURRENT CRSI MANUAL OF STANDARD PRACTICE UNLESS OTHERWISE NOTED.
 - HORIZONTAL CONSTRUCTION JOINTS TO BE SCRUBBED WITH A COARSE WIRE BRUSH AT THE APPROXIMATE TIME OF INITIAL SET TO REMOVE ALL LAITANCE AND TO PRODUCE A ROUGHENED SURFACE.
 - CONCRETE WORK SHALL COMPLY WITH ACI "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301-72)" AND APPLICABLE PROVISIONS OF ACI 318-89. KEEP A COPY OF ACI FIELD REFERENCE MANUAL (ACI SP - 15 - 71) WHICH INCLUDES ACI 301 AND OTHER ACI AND ASTM REFERENCES ON THE JOB.
 - DETAILING, FABRICATING, AND PLACING OF REINFORCING STEEL AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE STRUCTURES" (ACI 315 - 74) AND SHALL COMPLY WITH (ACI-318 - 89) AND WITH (ACI 301 - 72).
 - THE CONTRACTOR SHALL SELECT THE TESTING LABORATORY AND EMPLOY THE LABORATORY AT THE CONTRACTOR'S EXPENSE TO PERFORM CONCRETE STRENGTH TESTING PER ACI 318-83. FINAL SELECTION OF TESTING LABORATORY SHALL BE APPROVED BY ENGINEER.
 - RETAINING WALL IS DESIGNED BASED ON GIVEN $K_0 = .4$, $K_p = 2.0$, $K_a = 0.5$ SOIL WEIGHT = 120 PCF. ALL FILL MATERIAL SHALL COMPLY WITH THESE DESIGN PARAMETERS AND SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER.
 - PROPER COMPACTION METHODS SHALL BE USED BY CONTRACTOR TO PREVENT OVERSTRESSING THE RETAINING WALL DURING CONSTRUCTION.
 - SHOP DRAWINGS SHALL BE CAREFULLY CHECKED BY THE FABRICATOR AND BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL FOR APPROVAL; DRAWINGS WHICH LACK FABRICATOR'S CHECKER'S INITIALS IN THE TITLE BLOCK WILL NOT BE RETURNED.
 - THE GENERAL CONTRACTOR IS RESPONSIBLE TO SAFEGUARD AND PROTECT EXISTING STRUCTURE, PROVIDE ADEQUATE SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR DAMAGE TO THE EXISTING STRUCTURE DURING EXCAVATION AND CONSTRUCTION PROCEDURES ASSOCIATED WITH THIS PROJECT.

W. Neill Fortune

ARCHITECT

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YORK
COUNTY
TRANSFER
STATION
YORK COUNTY
NORTH CAROLINA

Content:
LOWER FLOOR
FOUNDATION PLAN
AND DETAILS

Project 39163
Date 5/29/9
Revisions

South Carolina
Professional Engineer
No. 11378

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28211**

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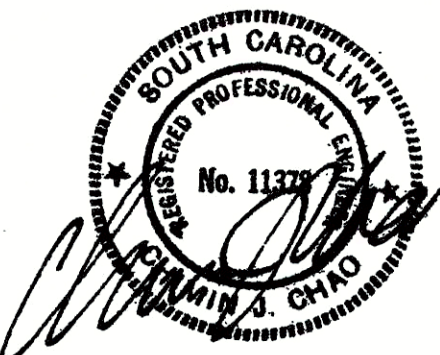
YORK
COUNTY
TRANSFER
STATION

**YORK COUNTY,
NORTH CAROLINA**

Content:

**UPPER
FLOOR
PLAN**

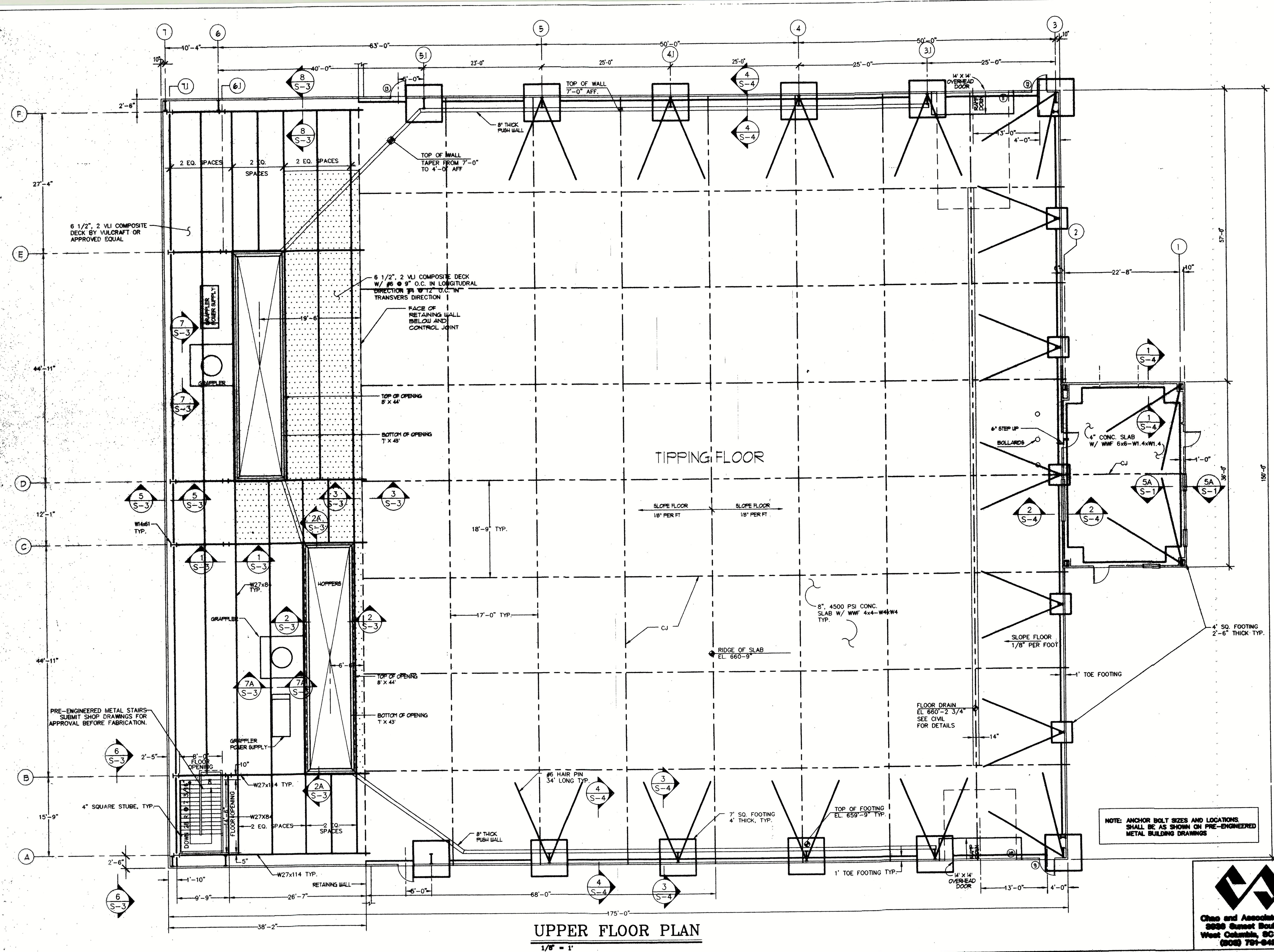
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Date 5/29/97
Revisions

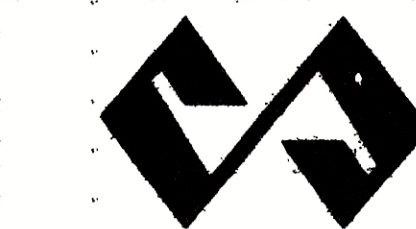


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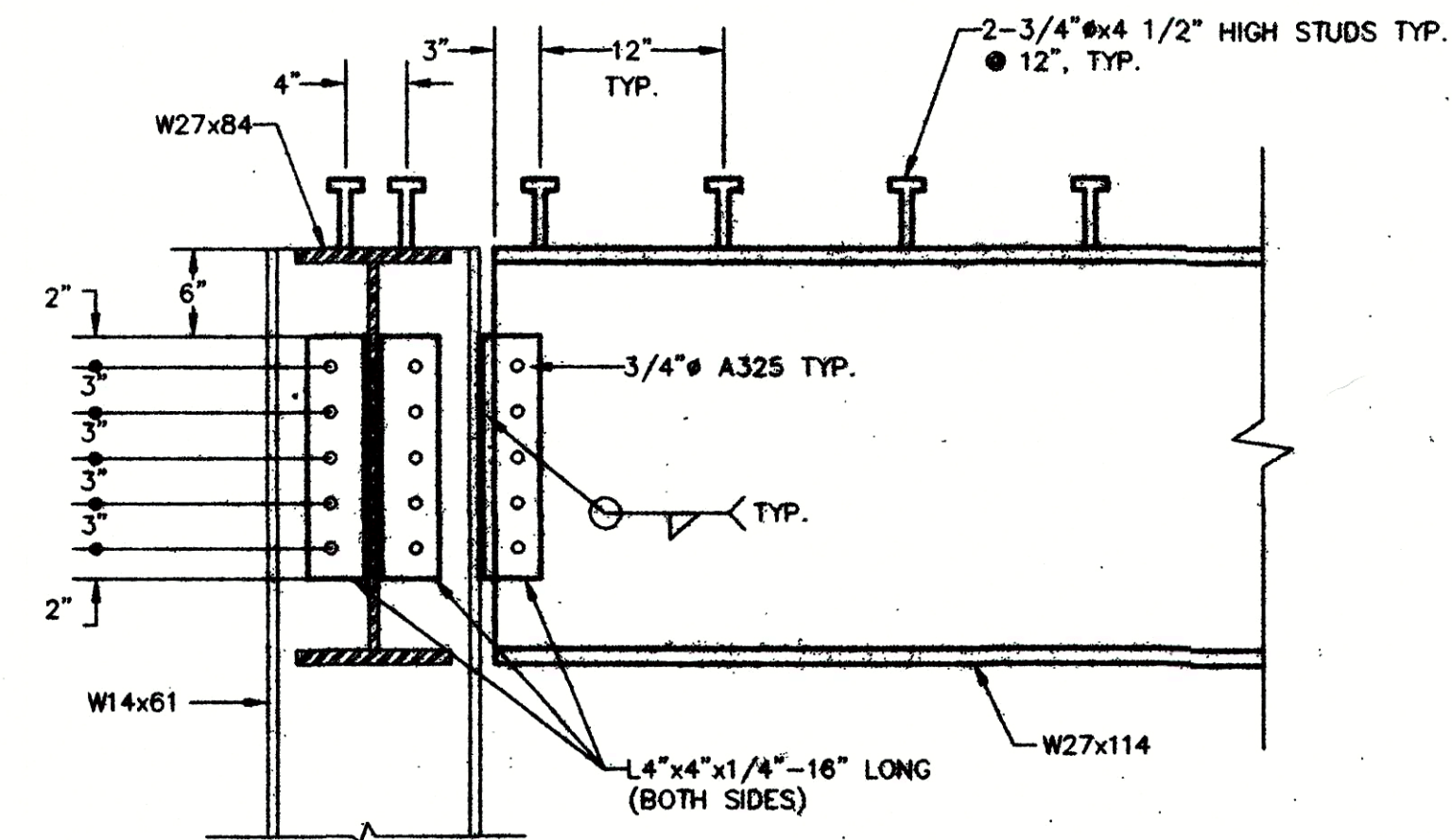
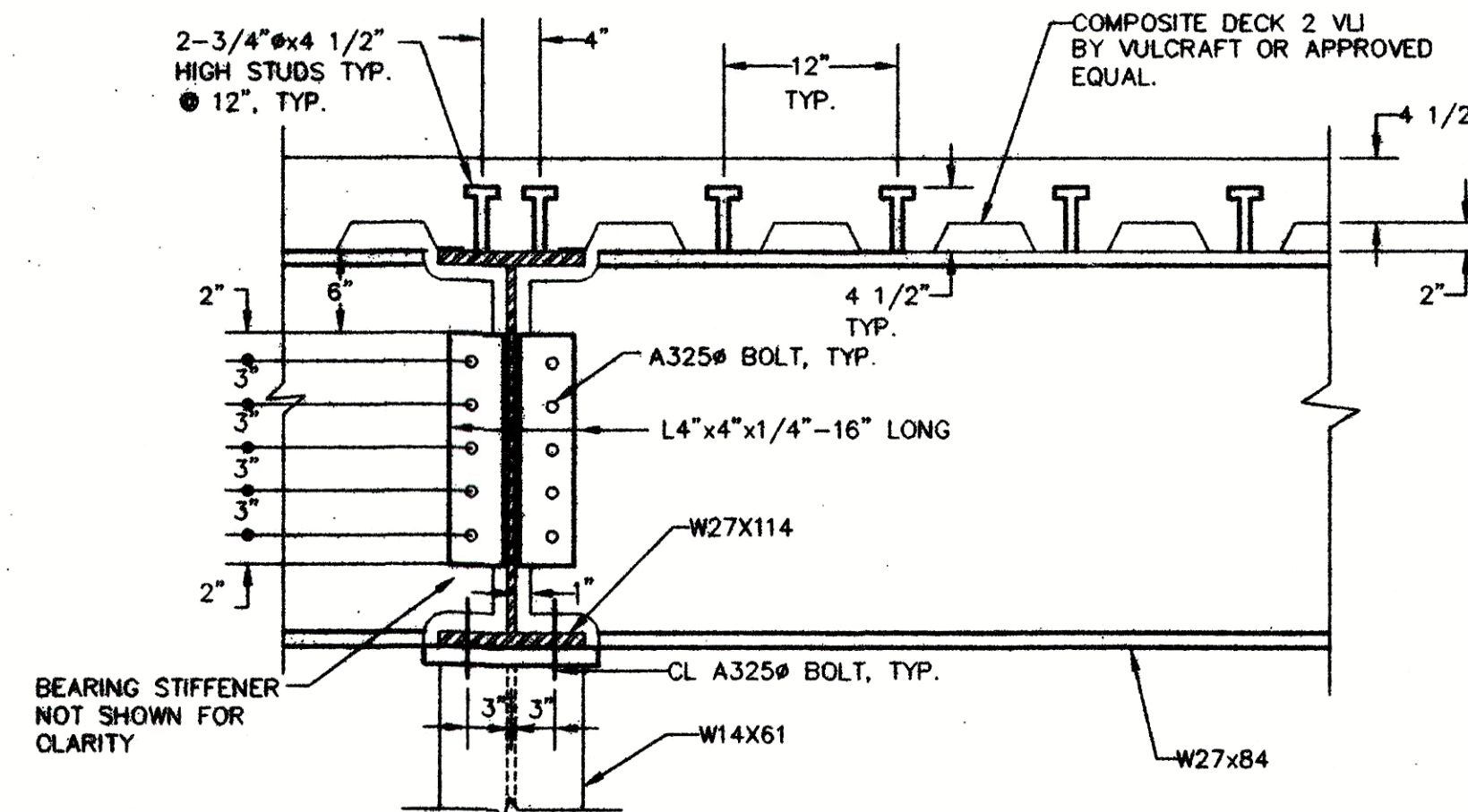
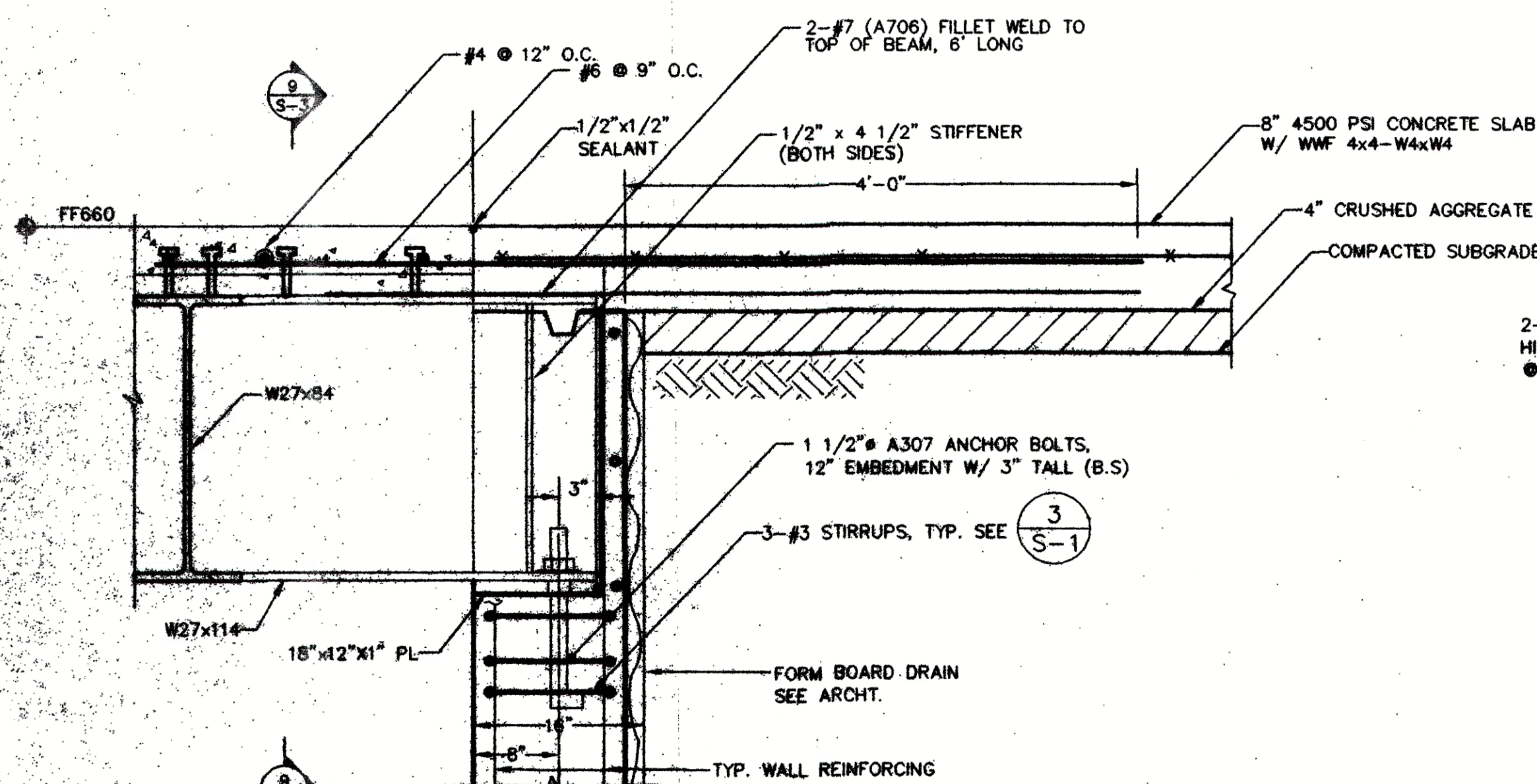
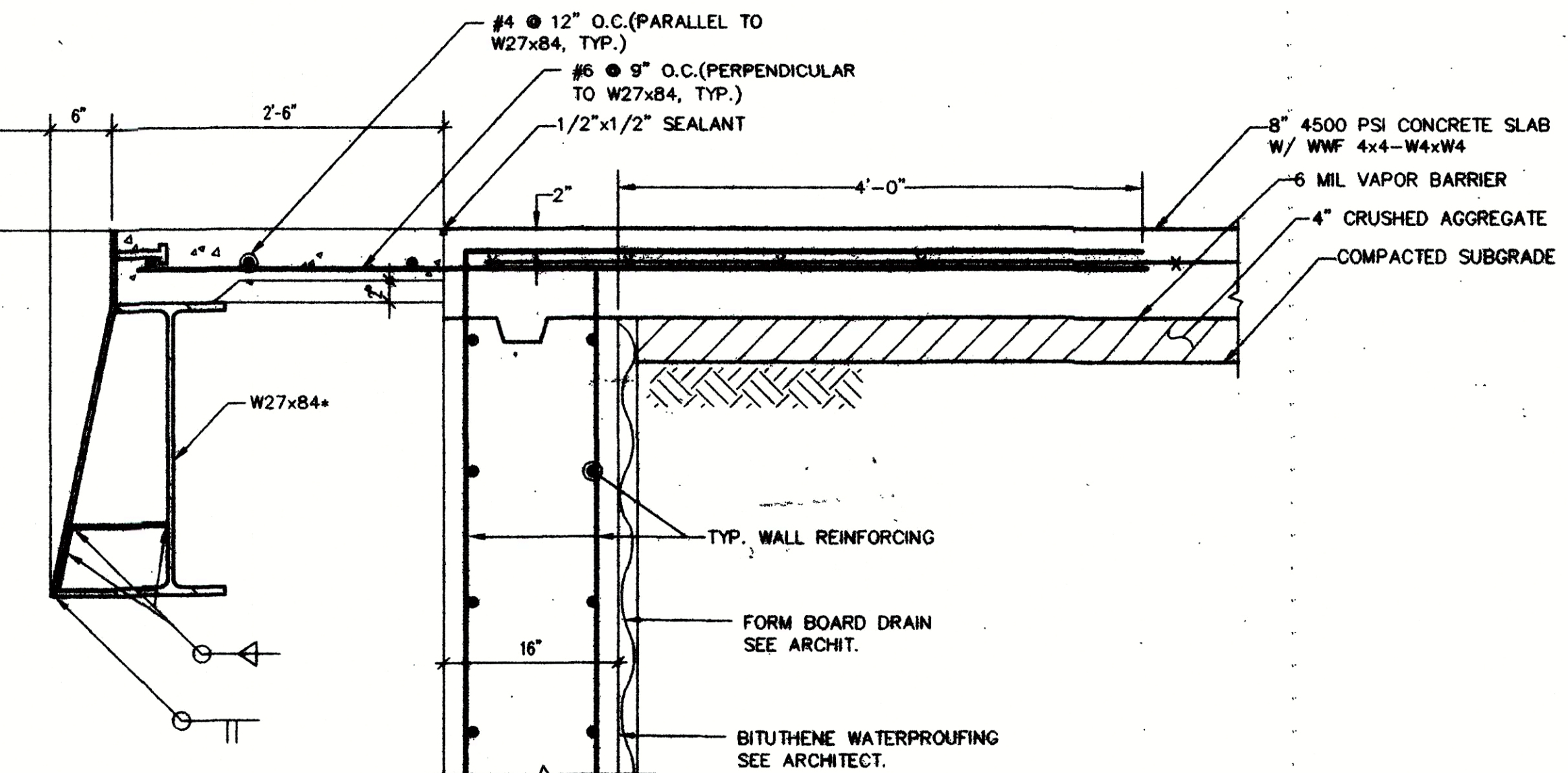
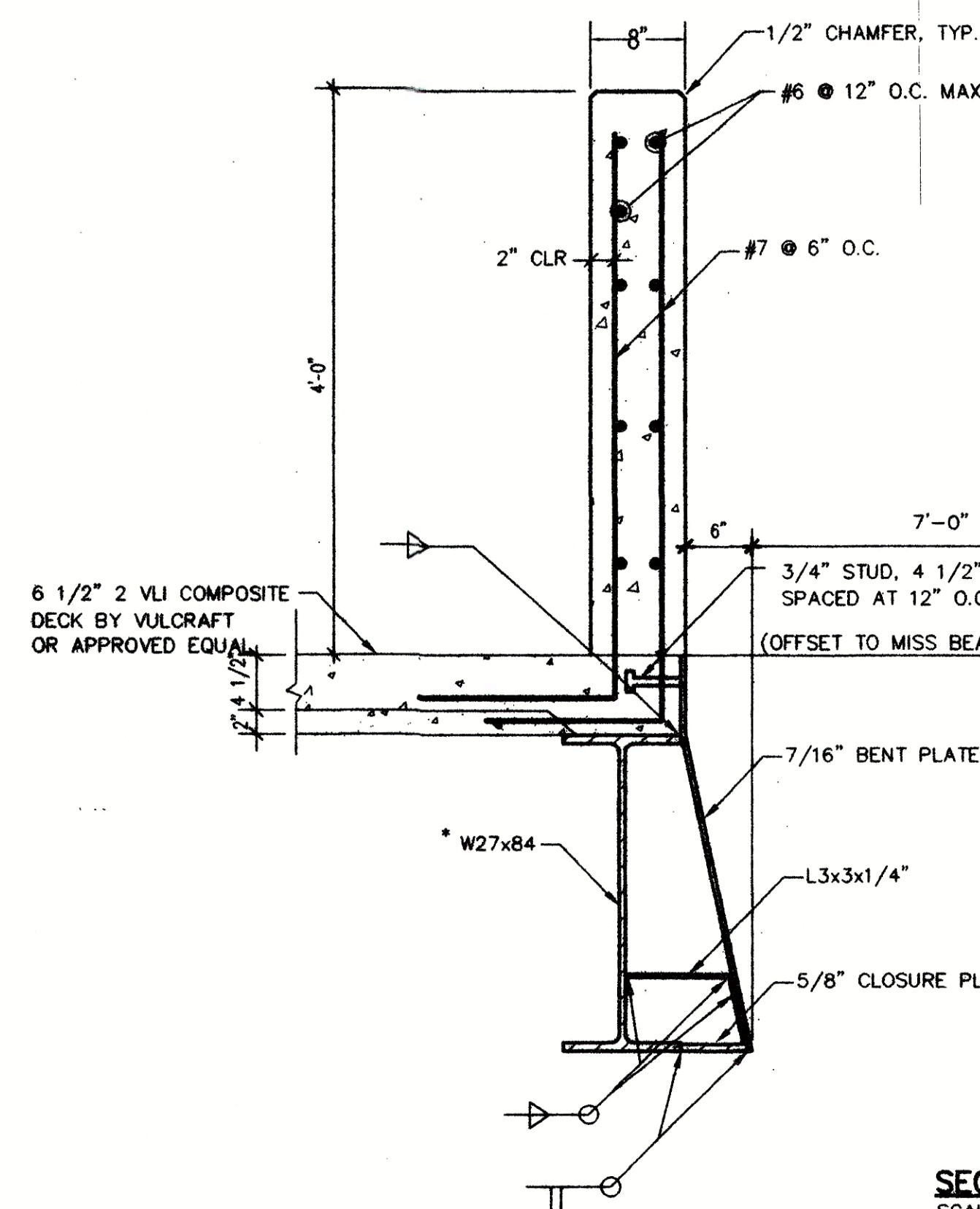
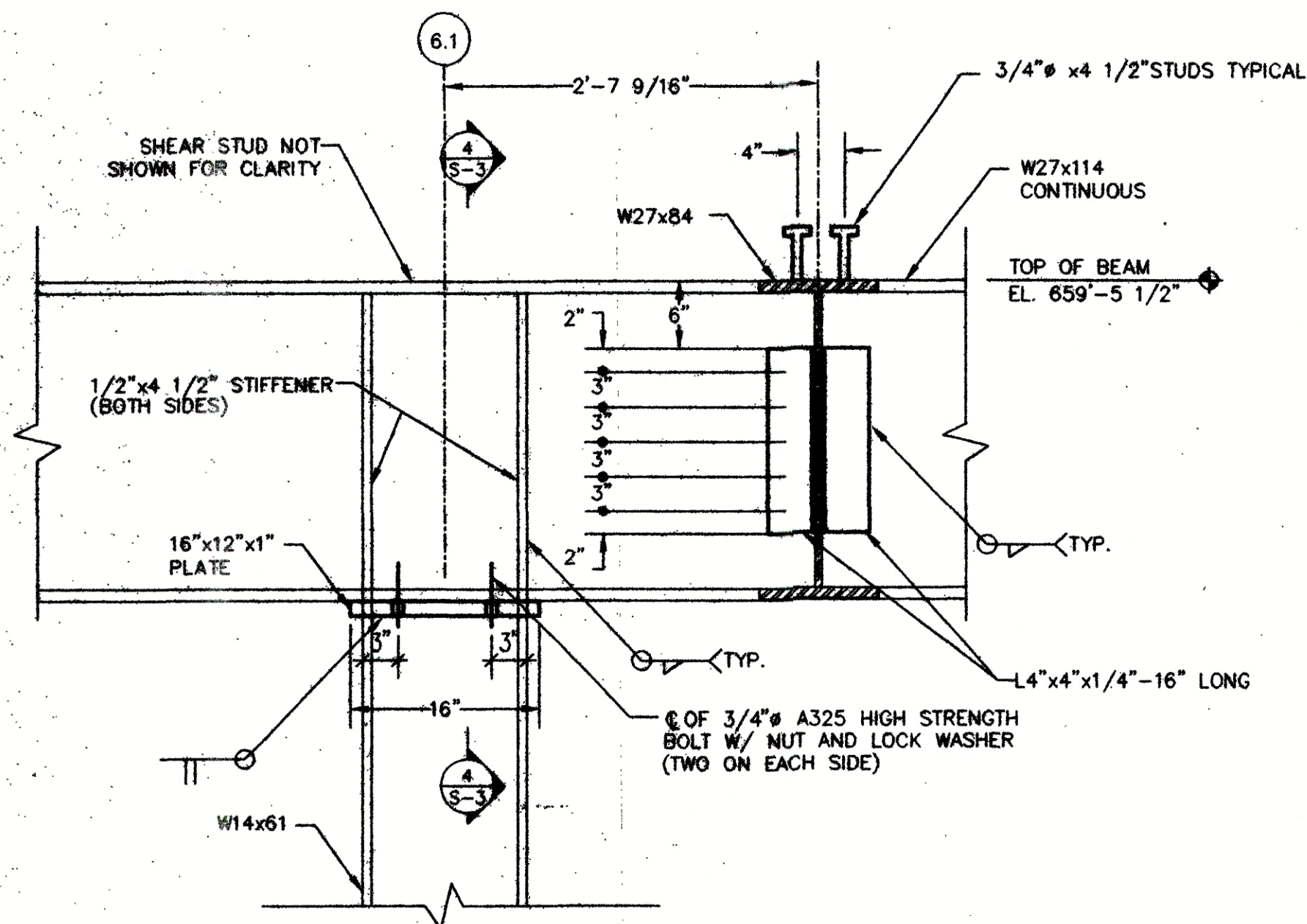
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S-2



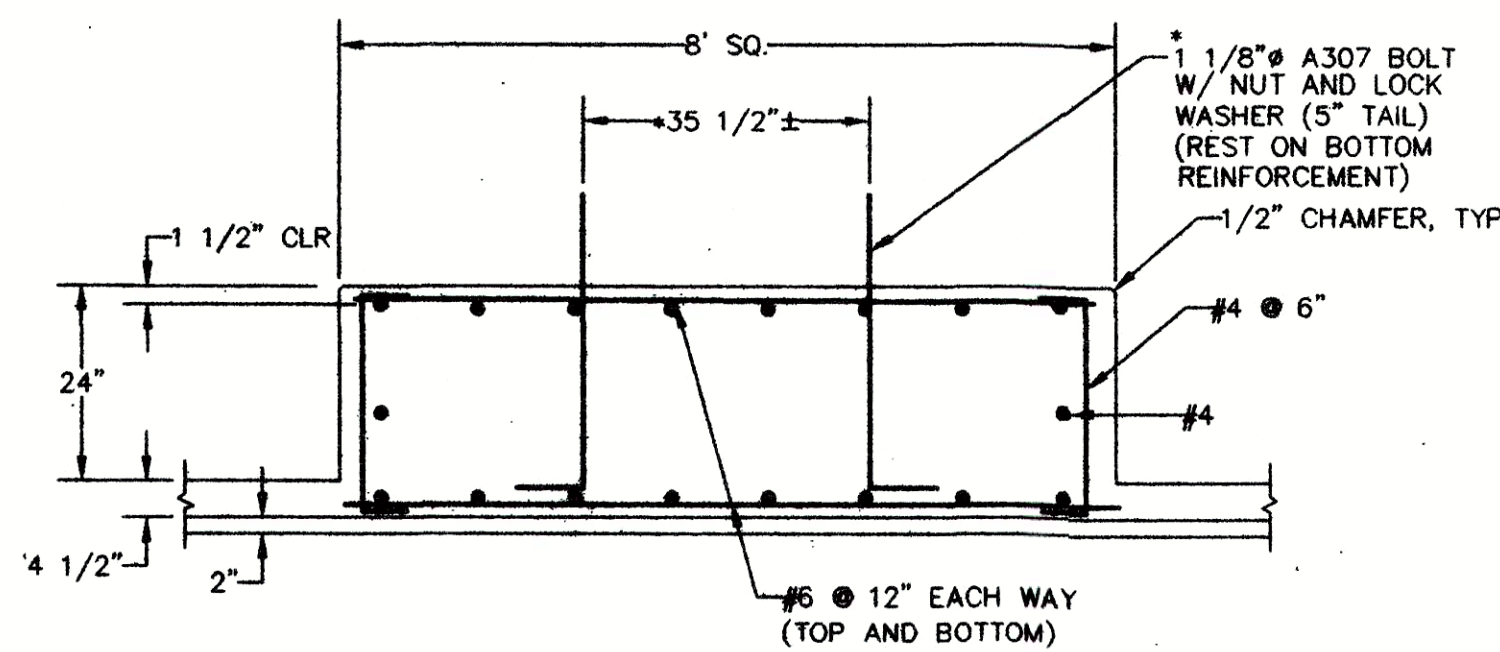


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13'5" FROM BOTTOM OF W27x84 TO TOP OF SLAB
14'0" FROM BOTTOM OF W27x84 TO FLOOR

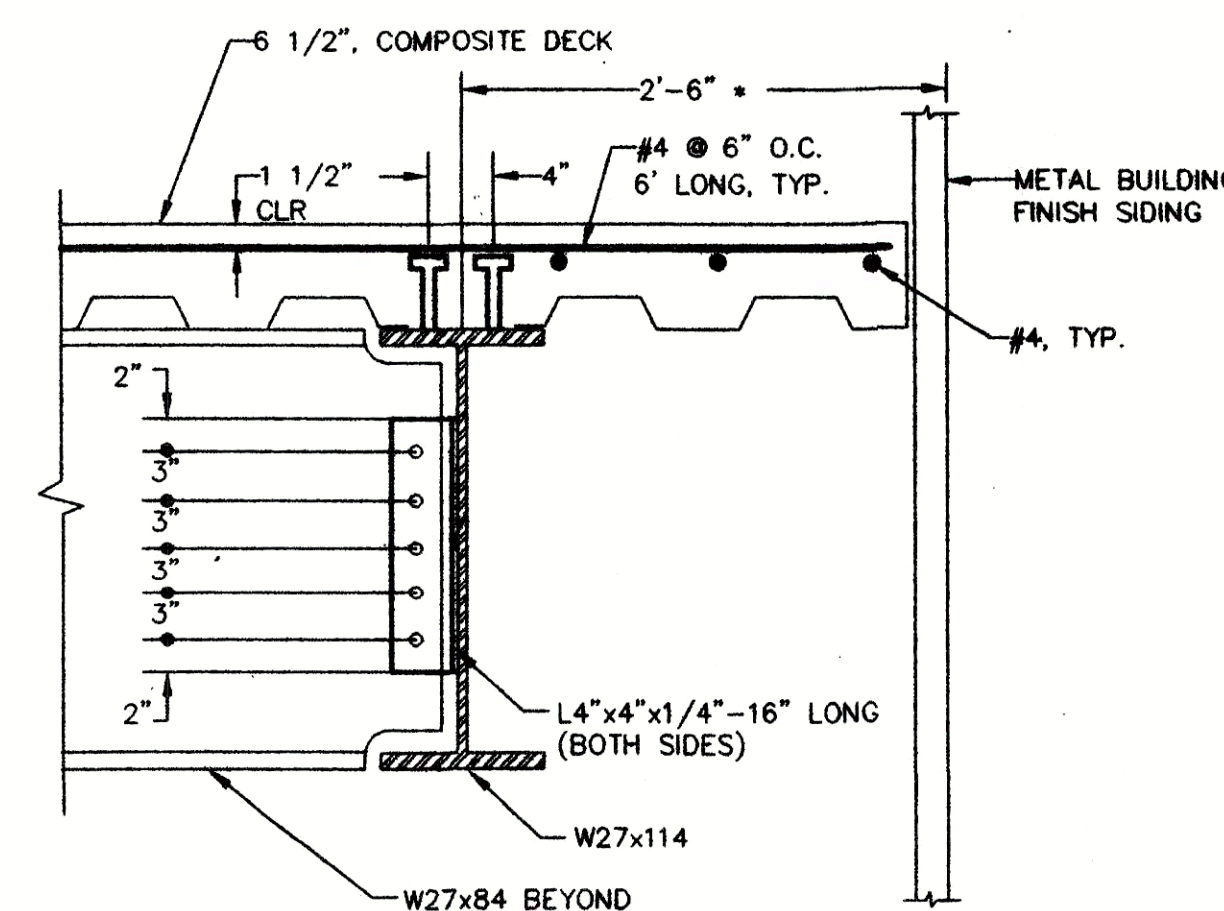


SECTION 7
SCALE: 1"=1'-0"



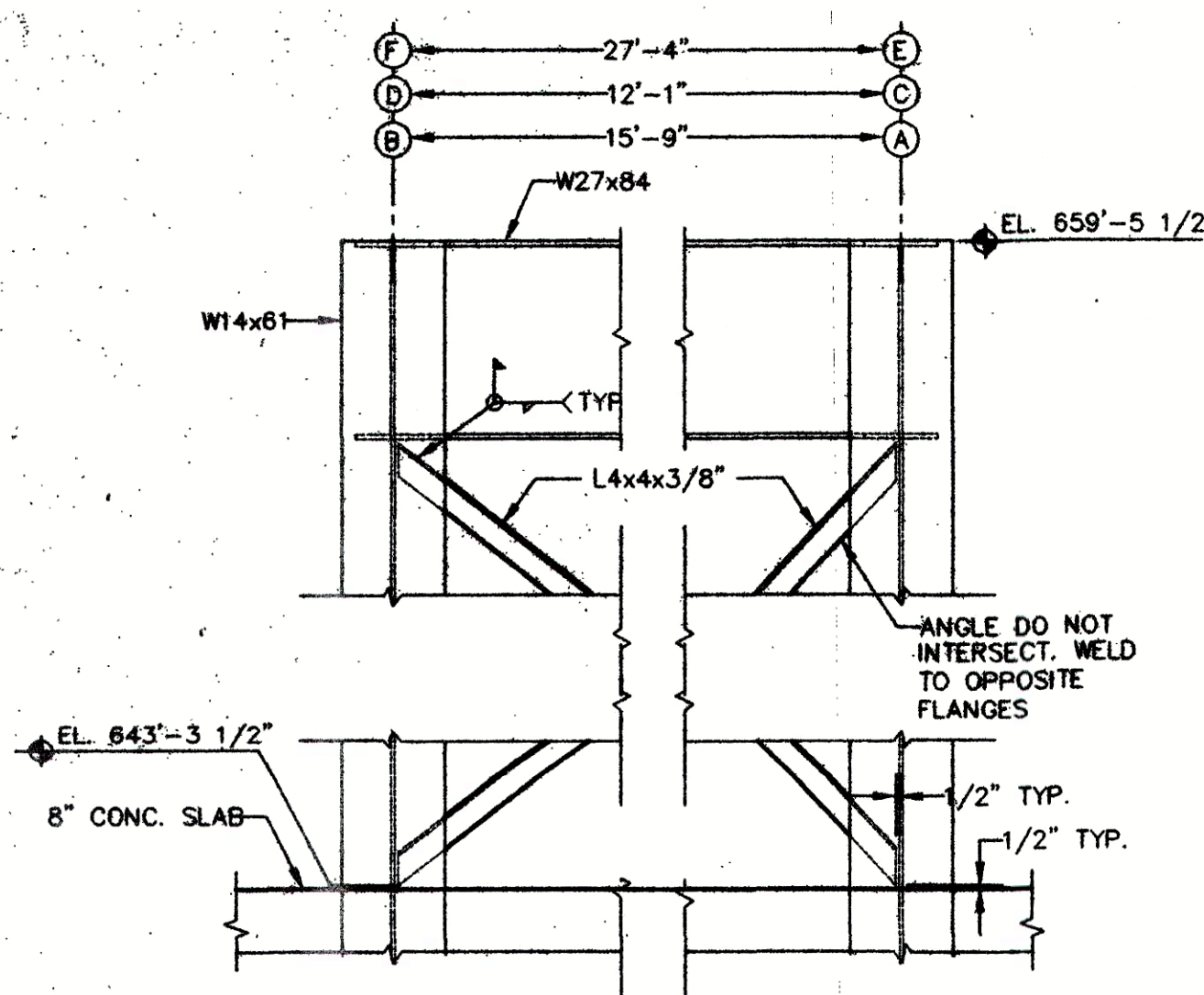
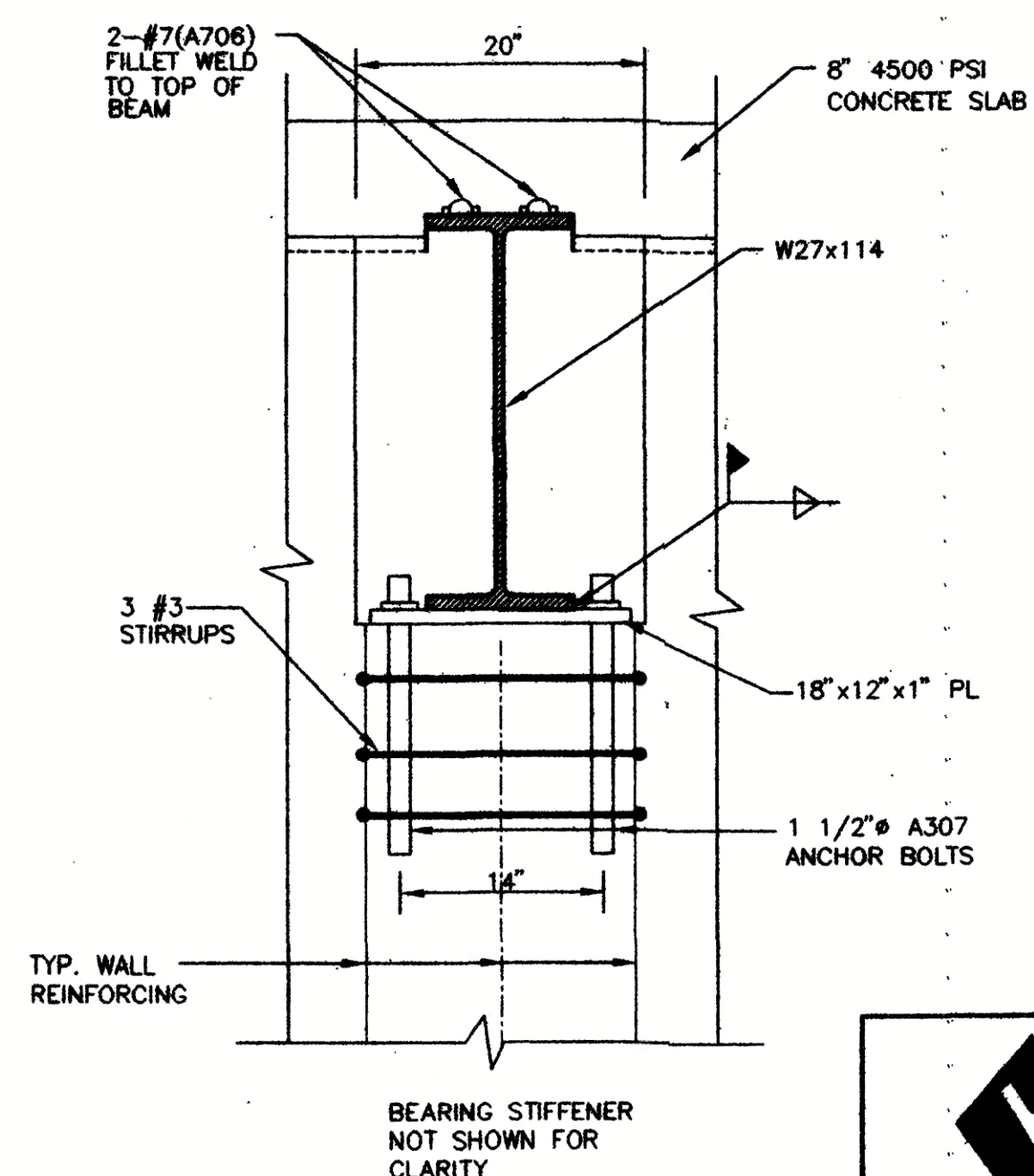
NOTE: COORDINATE ANCHOR BOLT EXTRUSION HEIGHT AND LOCATION
WITH GRAPPLER MANUFACTURER.

SECTION 9
SCALE: 1/2"=1'-0"

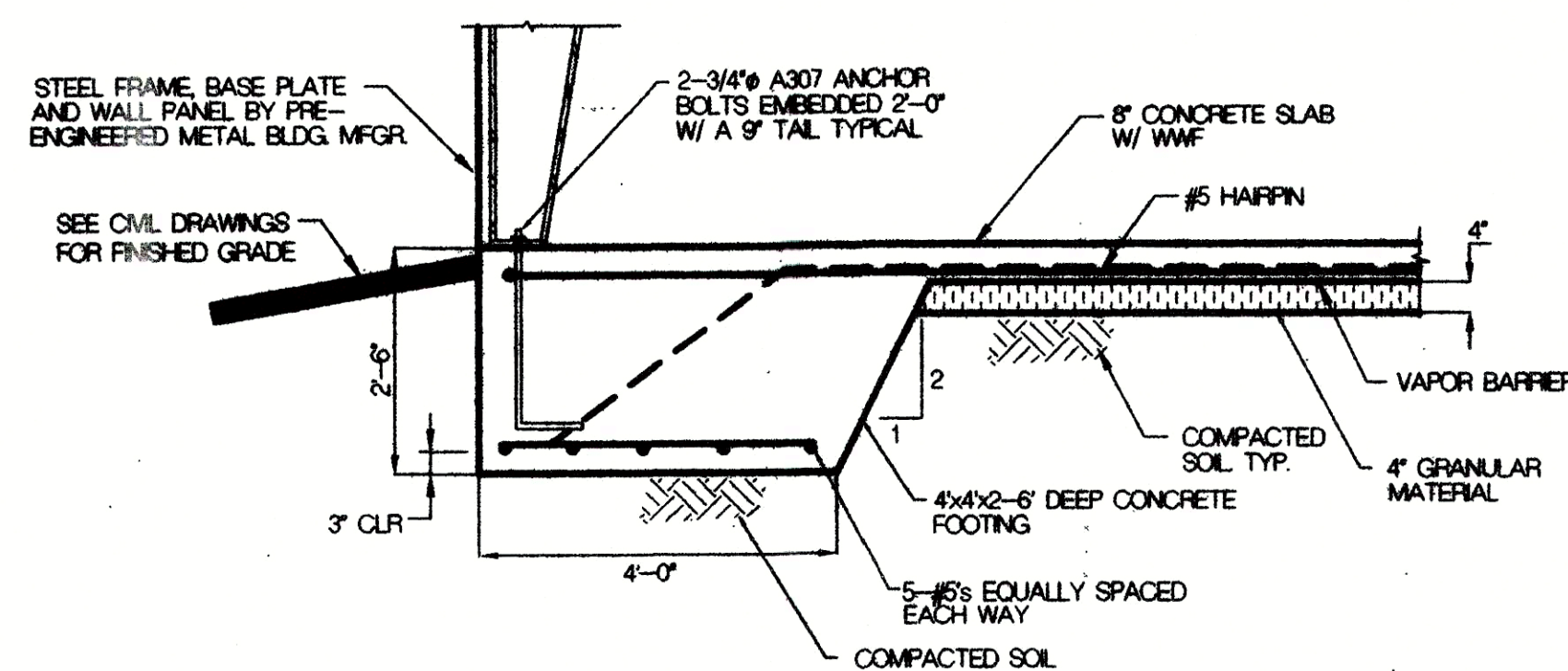


* DISTANCE MAY BE CHANGED.
COORDINATE W/ PRE-ENGINEERED
BUILDING MANUFACTURER. SUBMIT
SHOP DRAWINGS FOR APPROVAL

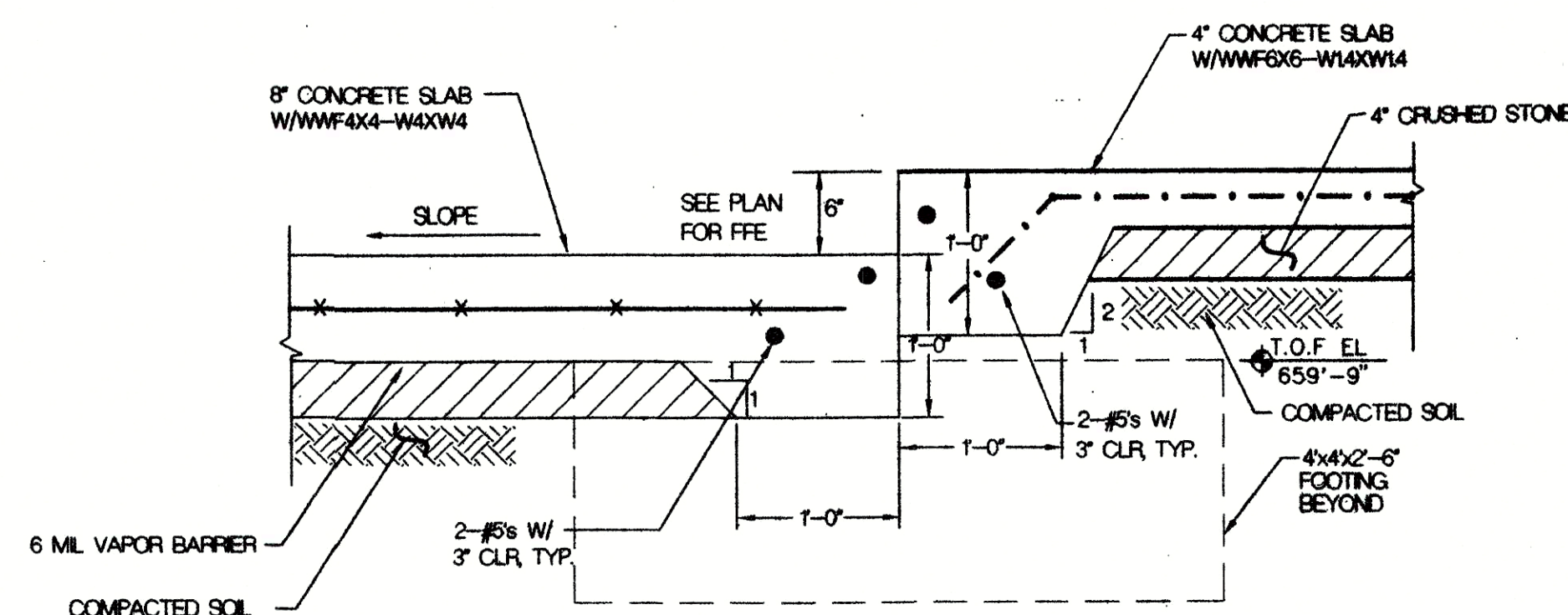
SECTION 11
SCALE: 1"=1'-0"



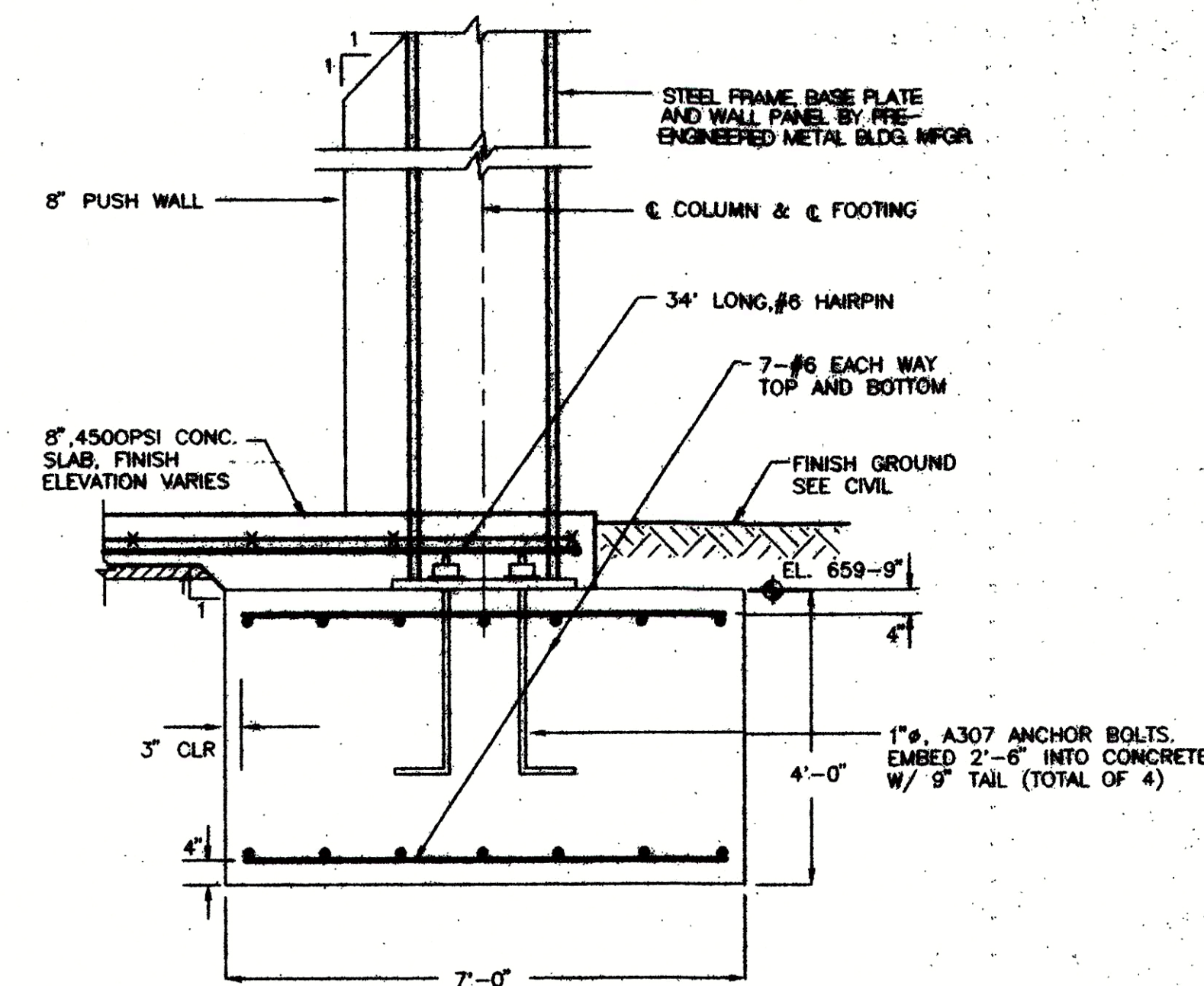
SECTION 14
SCALE: 1/2"=1'-0"



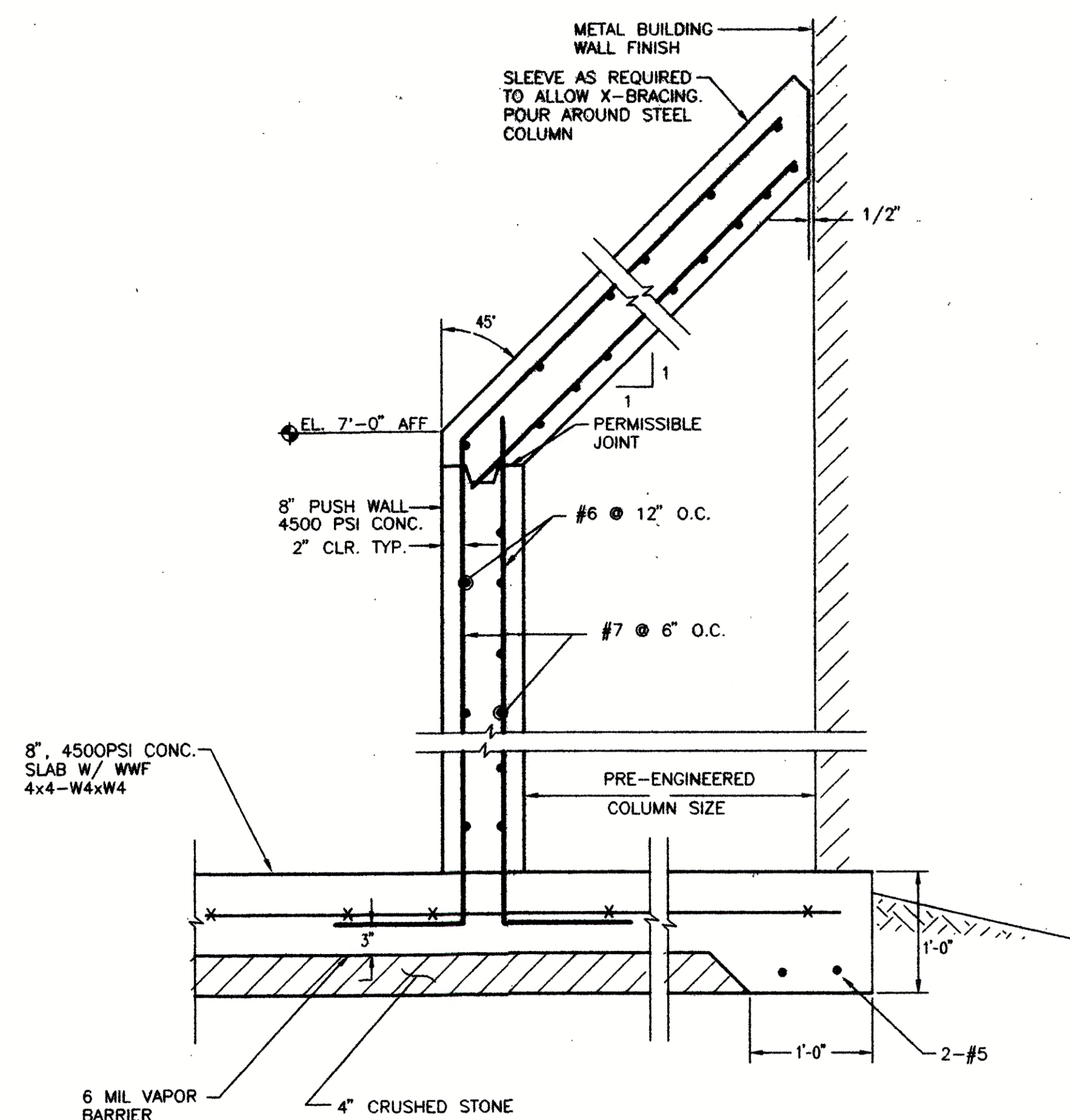
SECTION 1
Scale: 1/2"=1'-0"
S-4



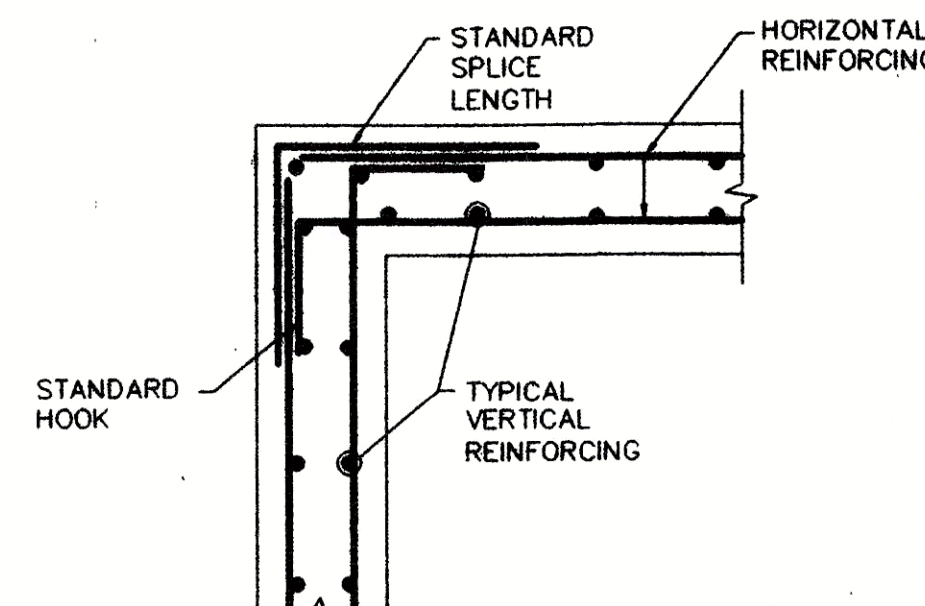
SECTION 2
Scale: 1"=1'-0"
S-4



SECTION 3
NOT TO SCALE
S-4



SECTION 4
Scale: 1"=1'-0"
S-4



TYPICAL WALL CORNER
NOT TO SCALE

NOTE TO CONTRACTOR

FOOTING SIZE AND LOCATIONS MAY CHANGE DUE TO PRE-ENGINEERED METAL BUILDING MANUFACTURER'S DESIGN. DO NOT POUR FOOTING UNTIL SHOP DRAWINGS ARE APPROVED BY ENGINEER IN WRITING. COORDINATE ANCHOR BOLTS LOCATION WITH MANUFACTURER.

W. Neill Fortuna

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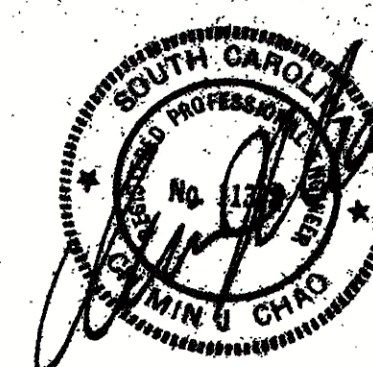
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DETAILS

Project 39163

Date 5/28/11

Revisions



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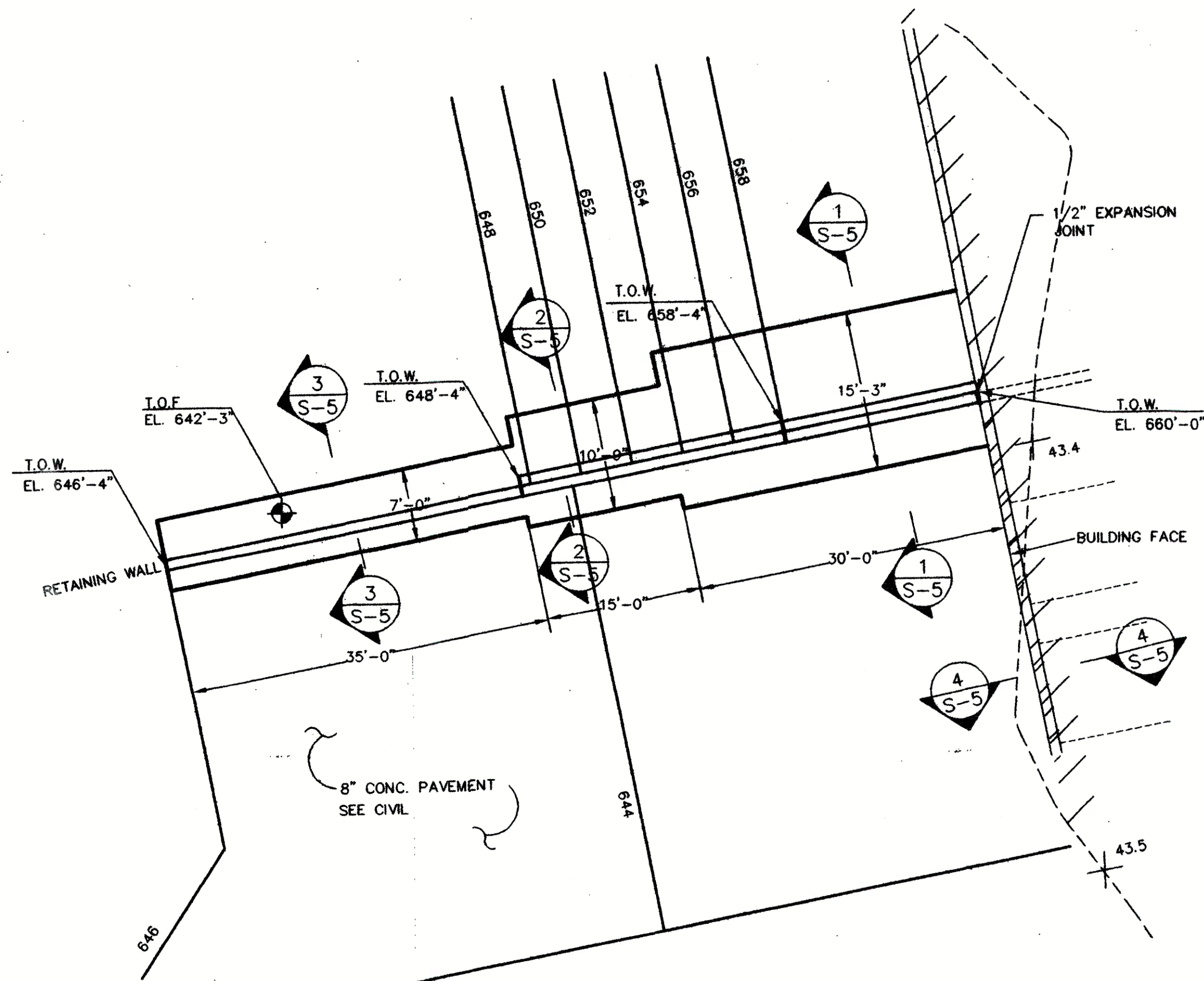
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Sheet

S-4

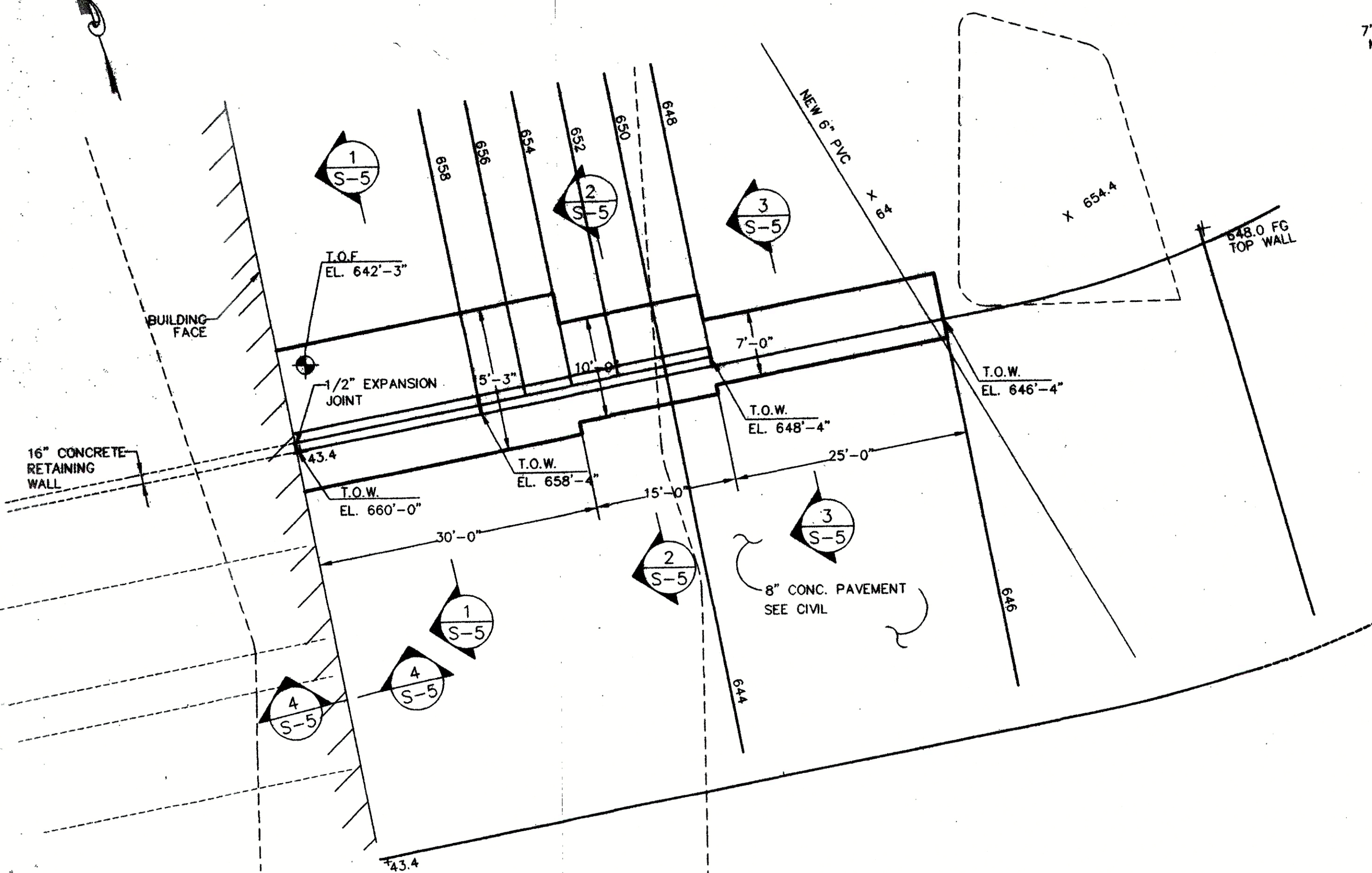


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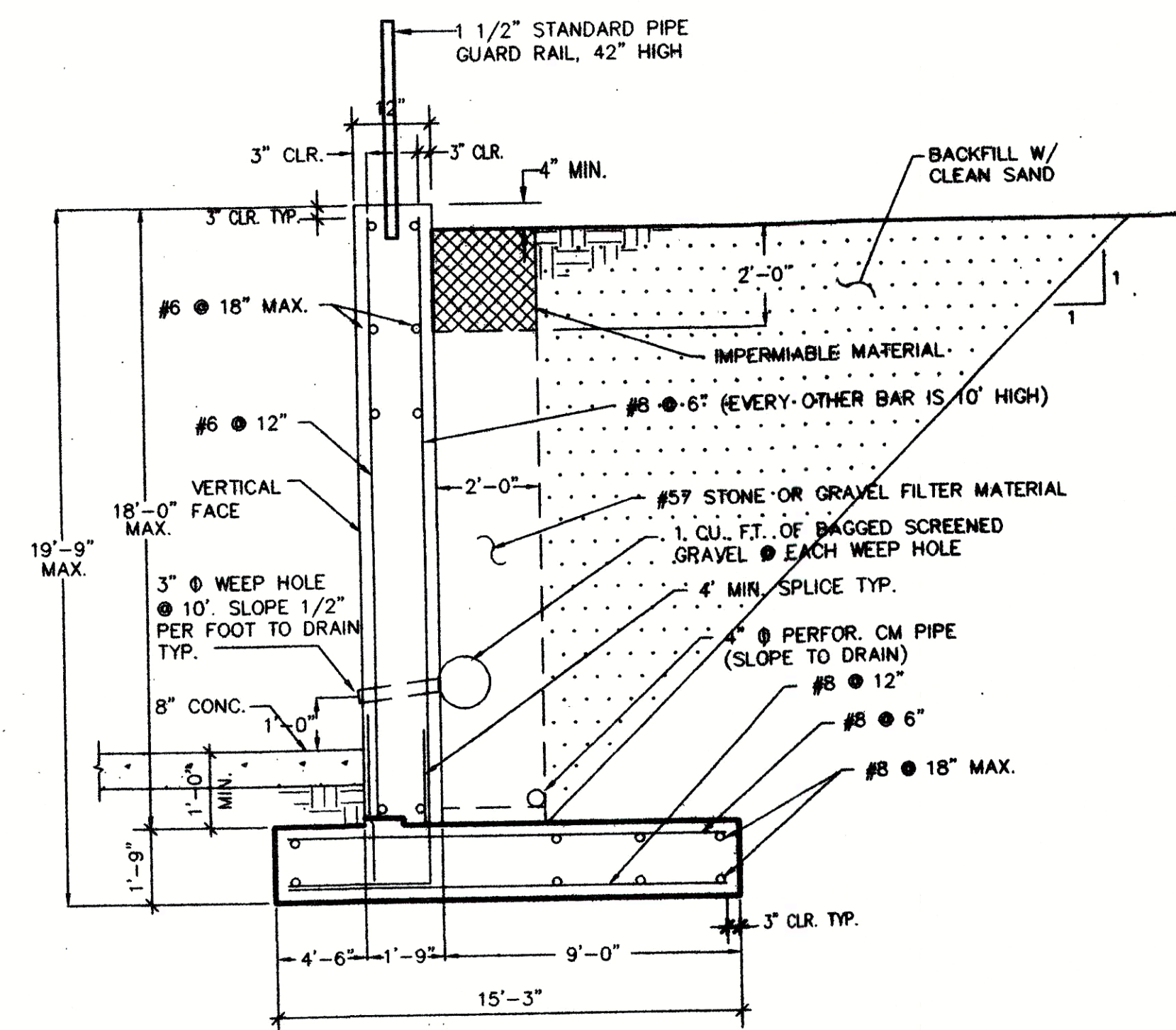


RETAINING WALL
SCALE: 1"=10'-0"

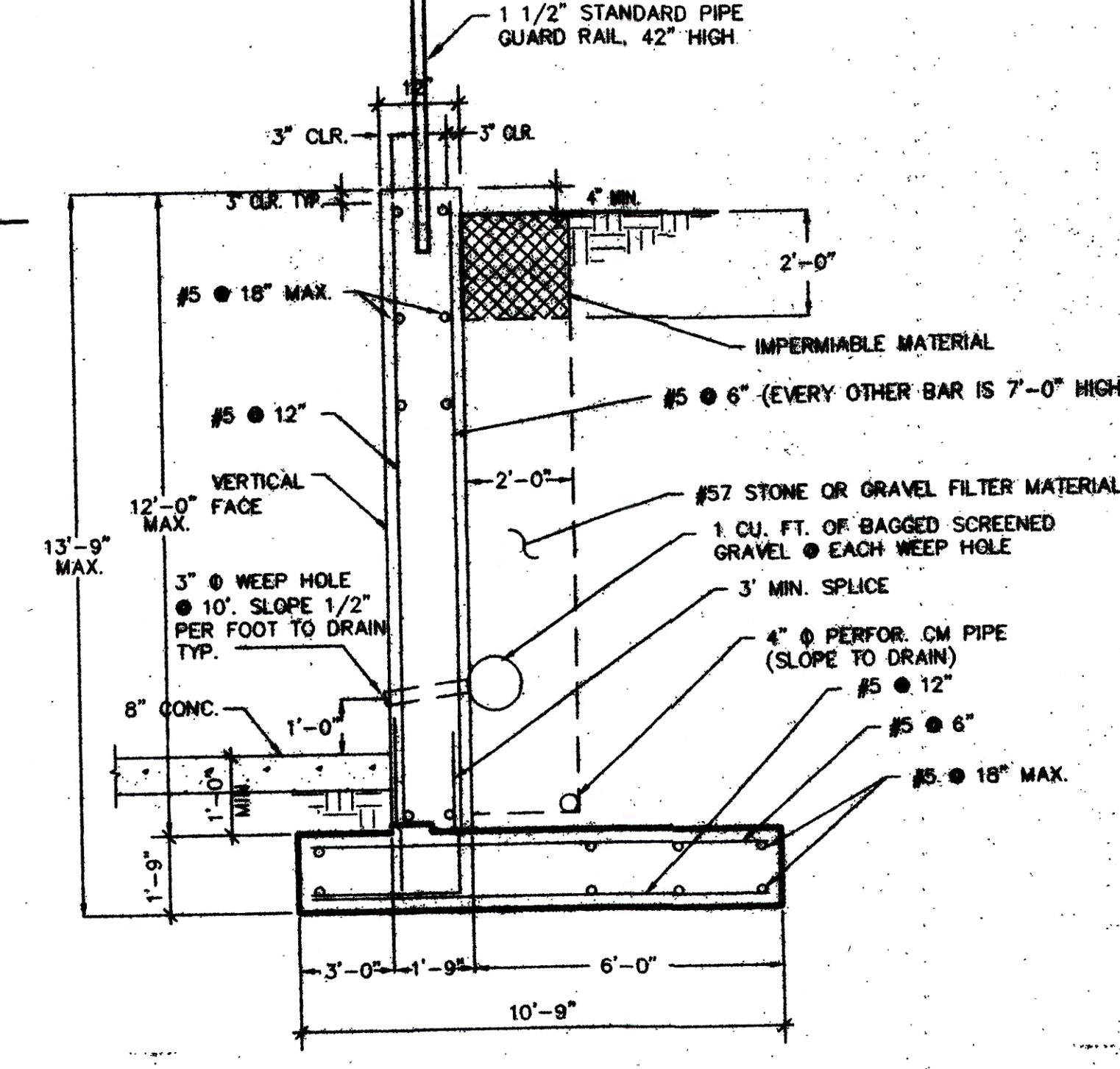
NOTE:
T.O.W.: TOP OF WALL, SLOPED BETWEEN ELEVATION POINTS
T.O.F.: TOP OF FOOTING



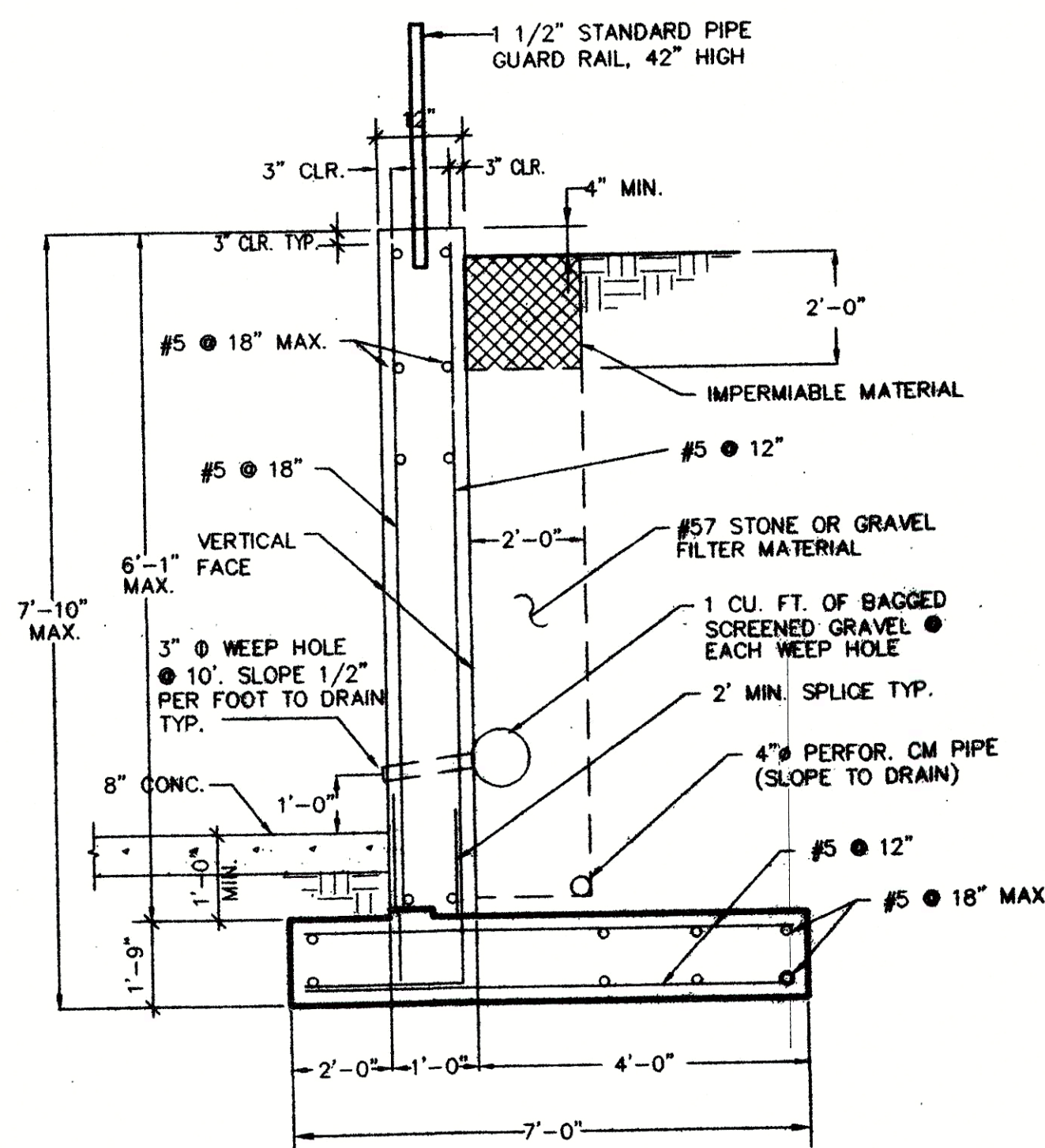
RETAINING WALL
SCALE: 1"=10'-0"



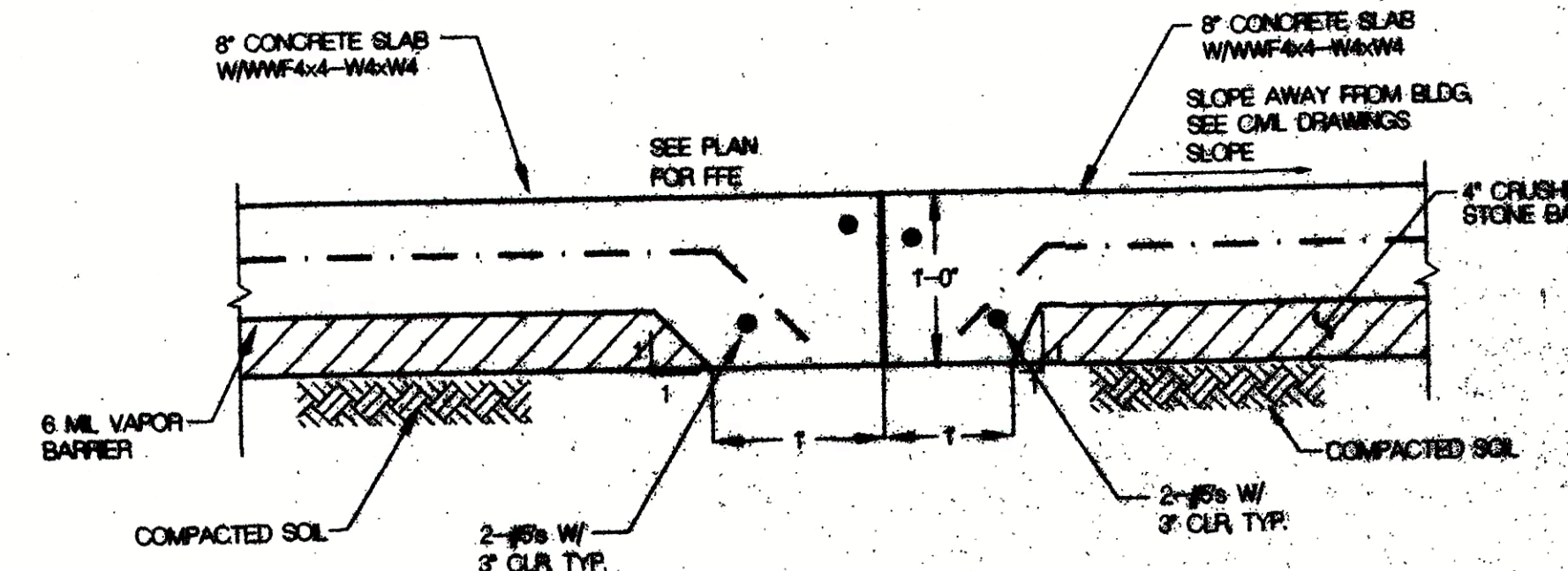
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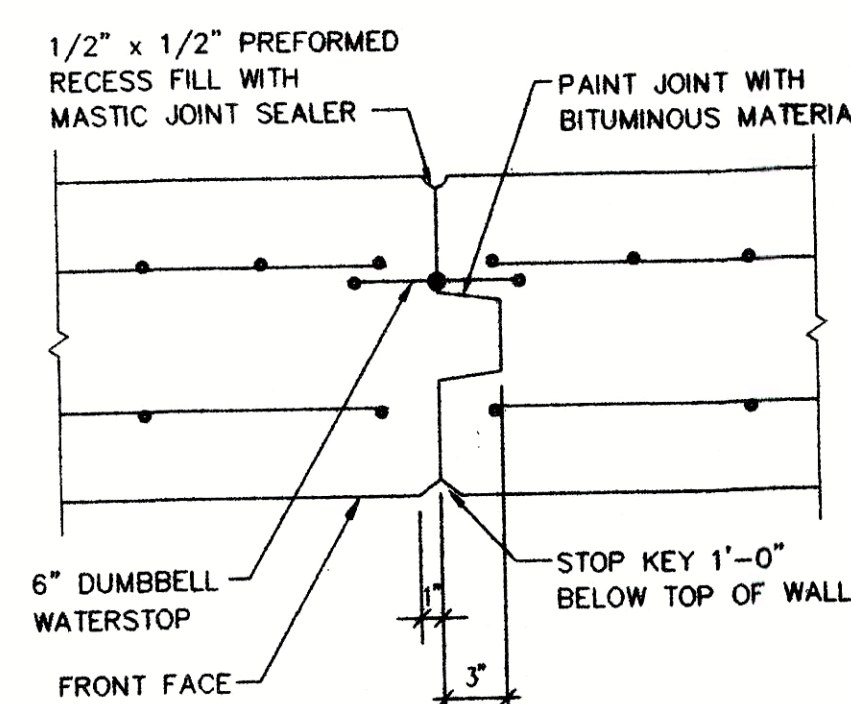
SECTION 2 S-5
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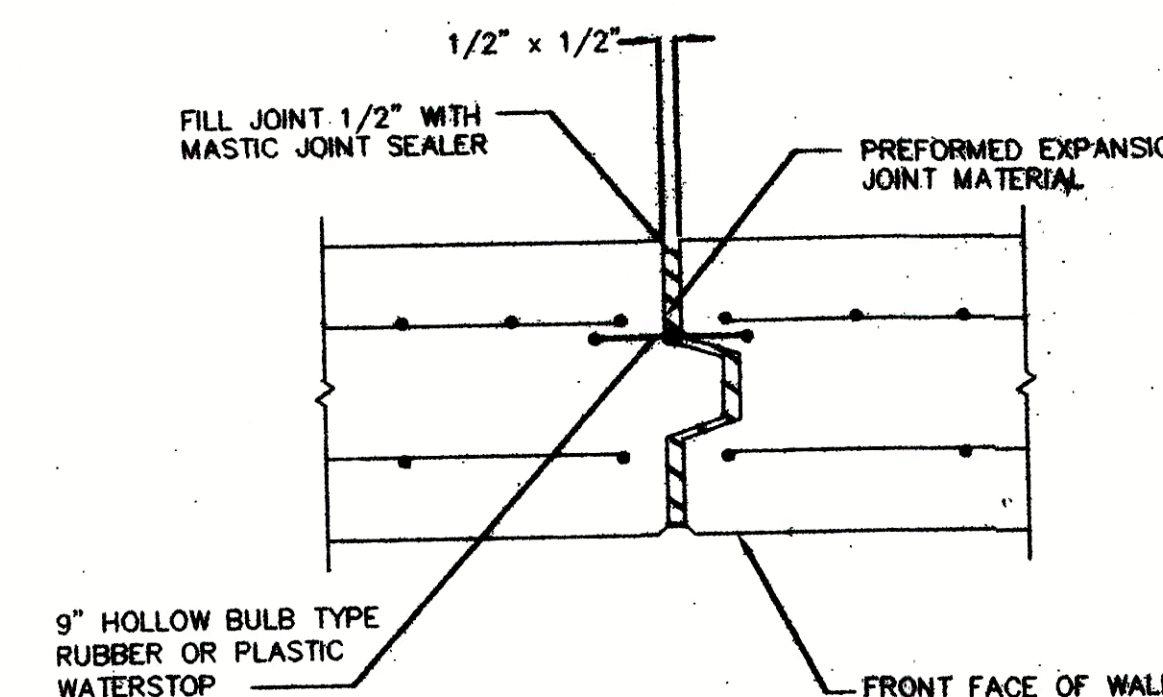
SECTION 3 S-5
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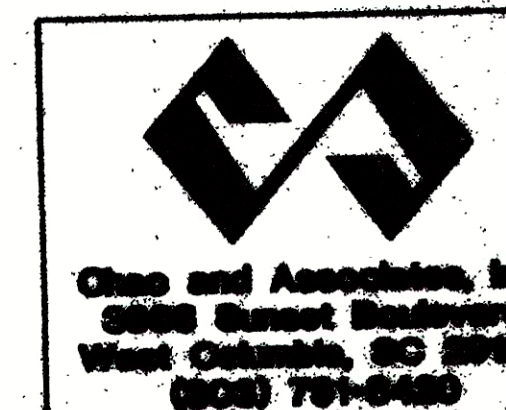
SECTION 4 S-5
NOT TO SCALE



CONTRACTION JOINT
(SPACED AT 15' MAX.)



EXPANSION JOINT
SEE PLAN FOR LOCATION



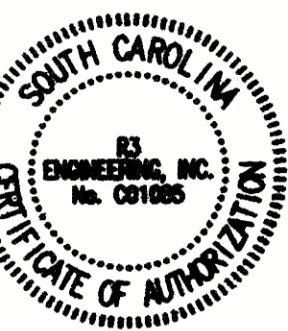


R3 Engineering, Inc.
3726 LaTrobe Dr.
Suite 105
Charlotte, NC 28222
Phone (704) 382-5100
Fax (704) 382-0904



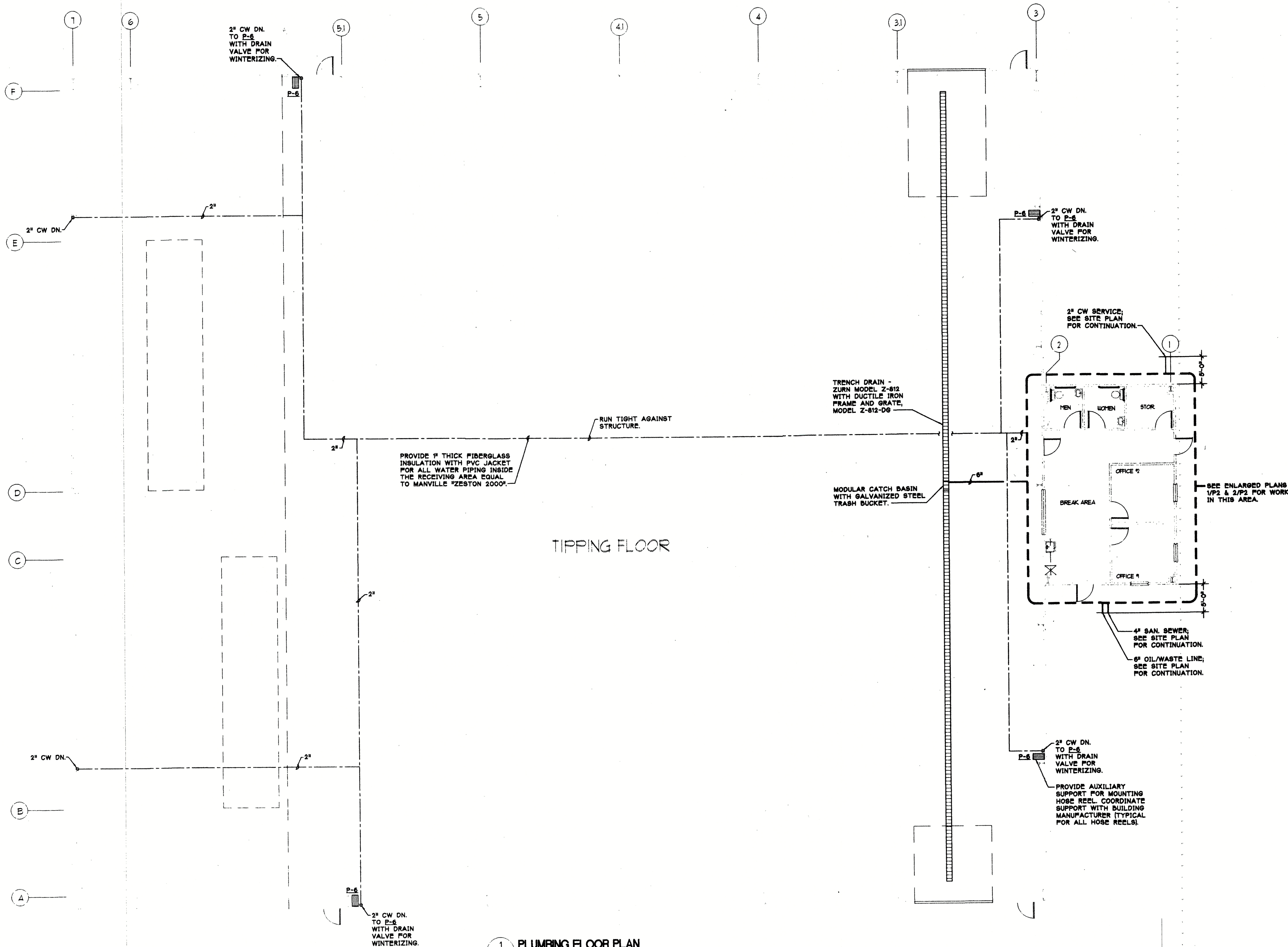
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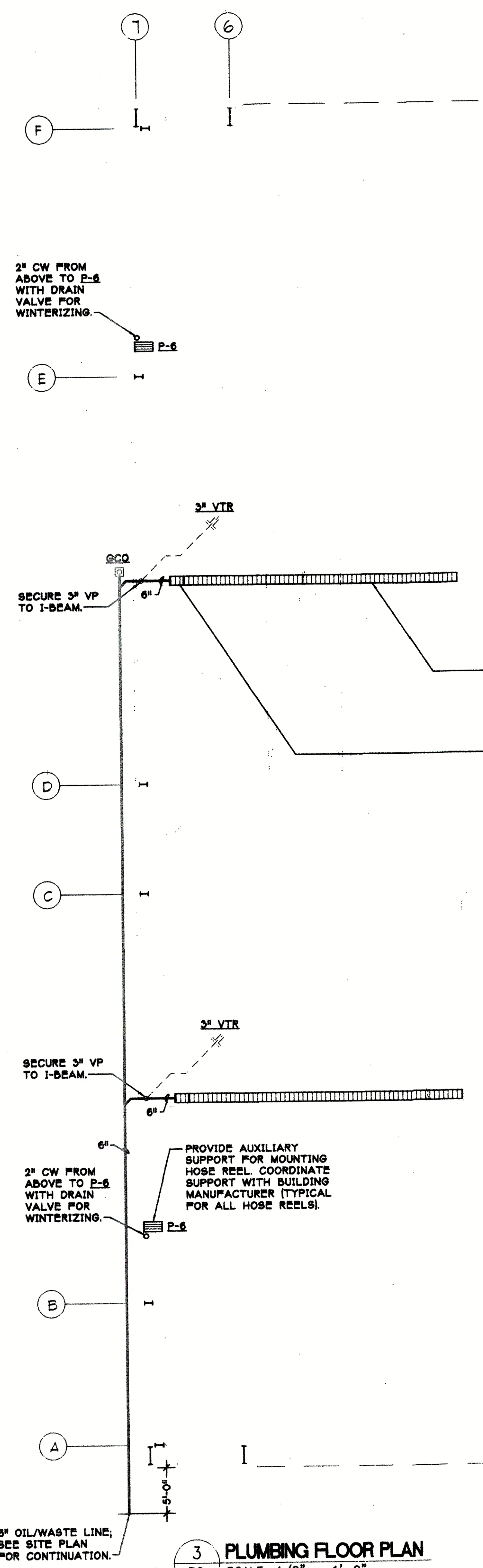


Content
PLUMBING
FLOOR
PLAN

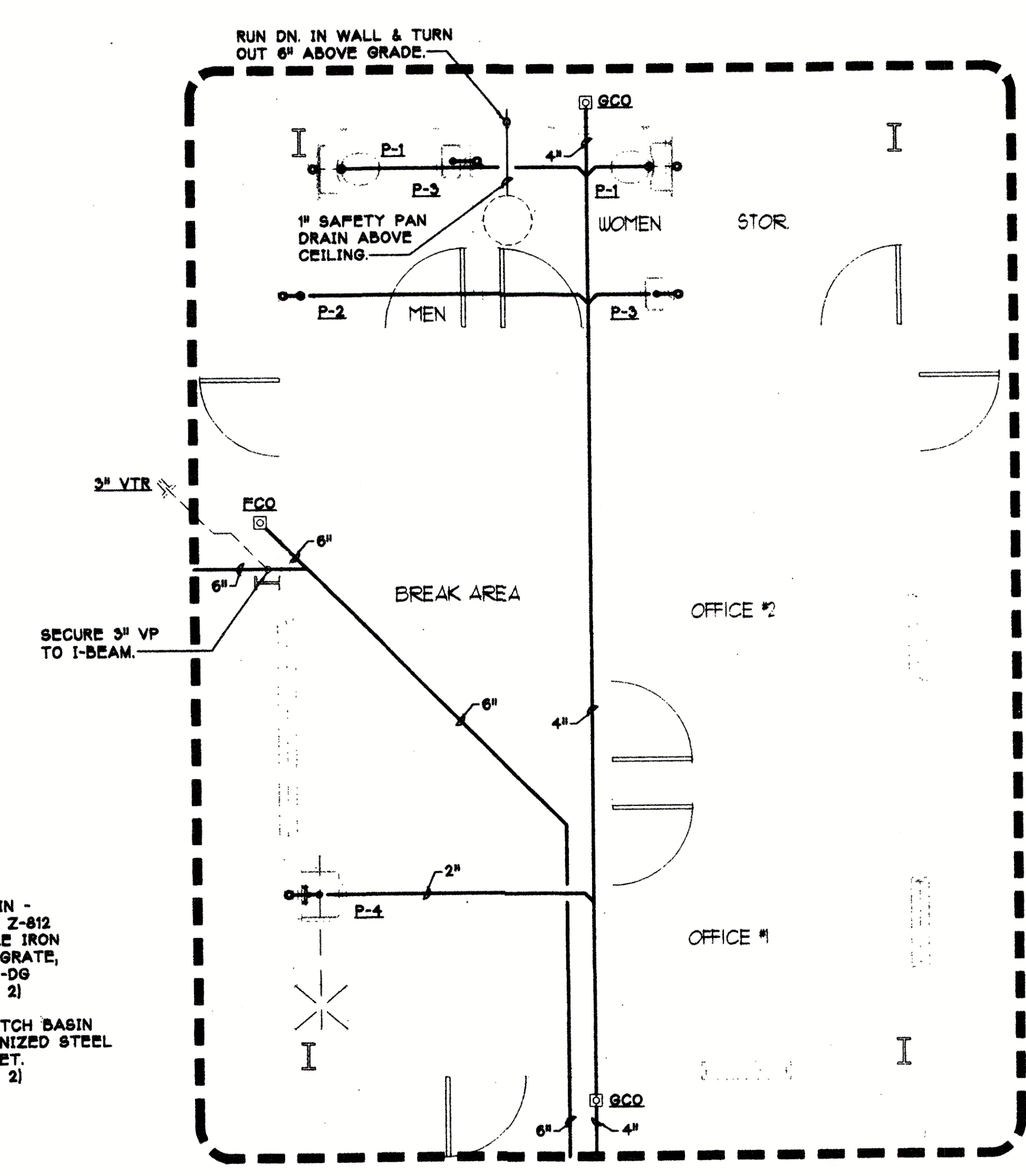
Project R3ENG
Date May 30,
Revisions



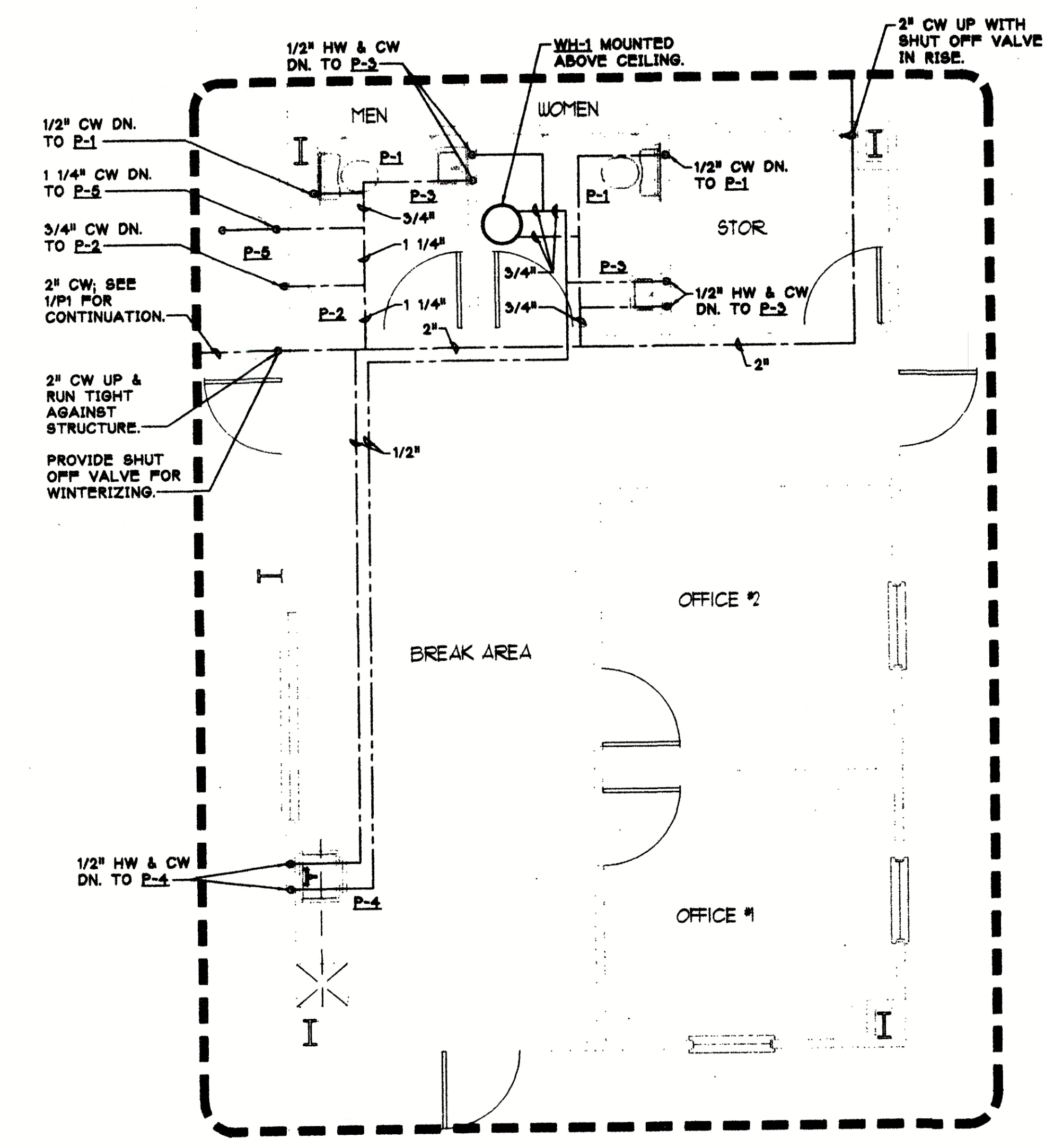
1 PLUMBING FLOOR PLAN
P1 SCALE: 1/8" = 1'-0"



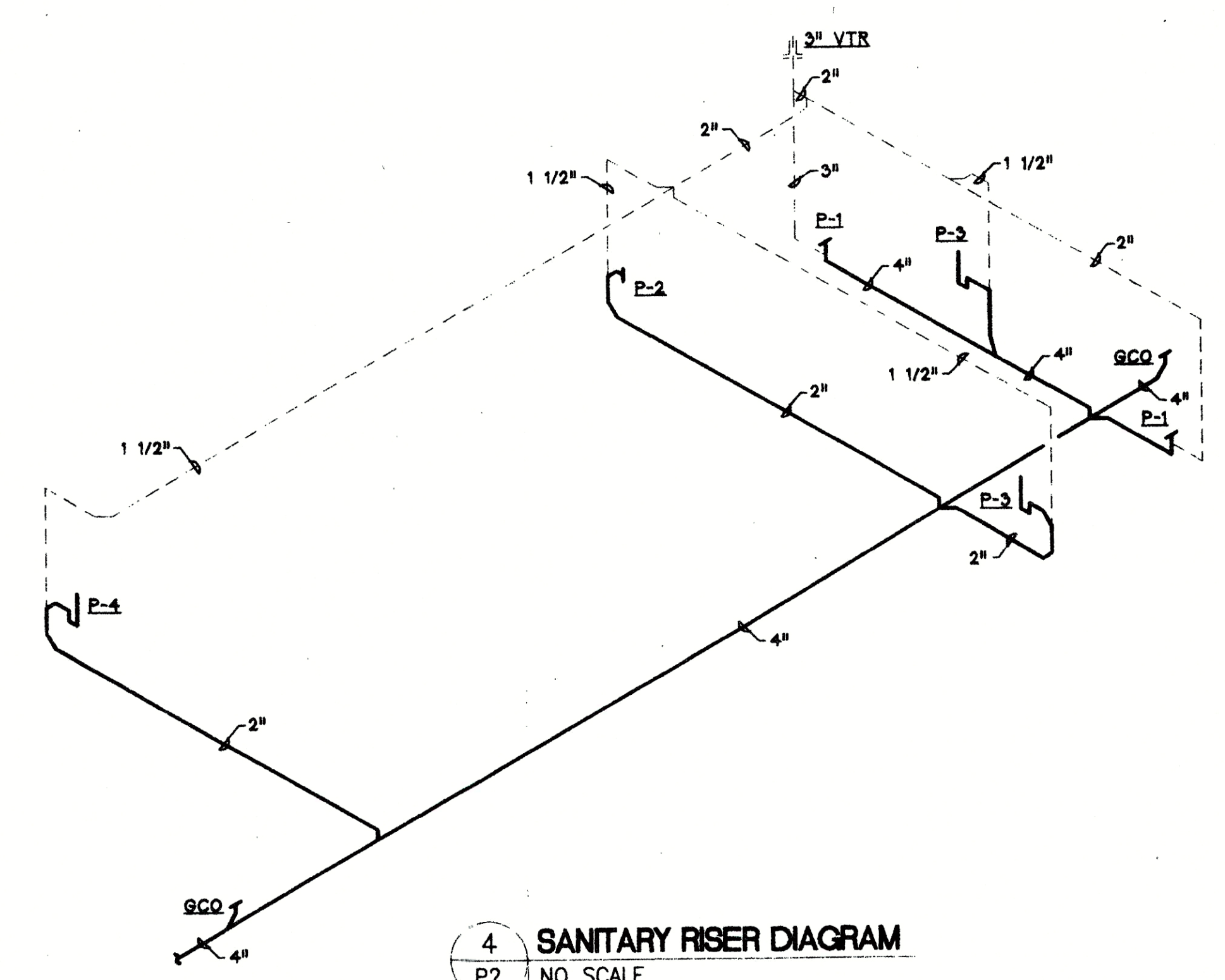
3 PLUMBING FLOOR PLAN
P2 SCALE: 1/8" = 1'-0"



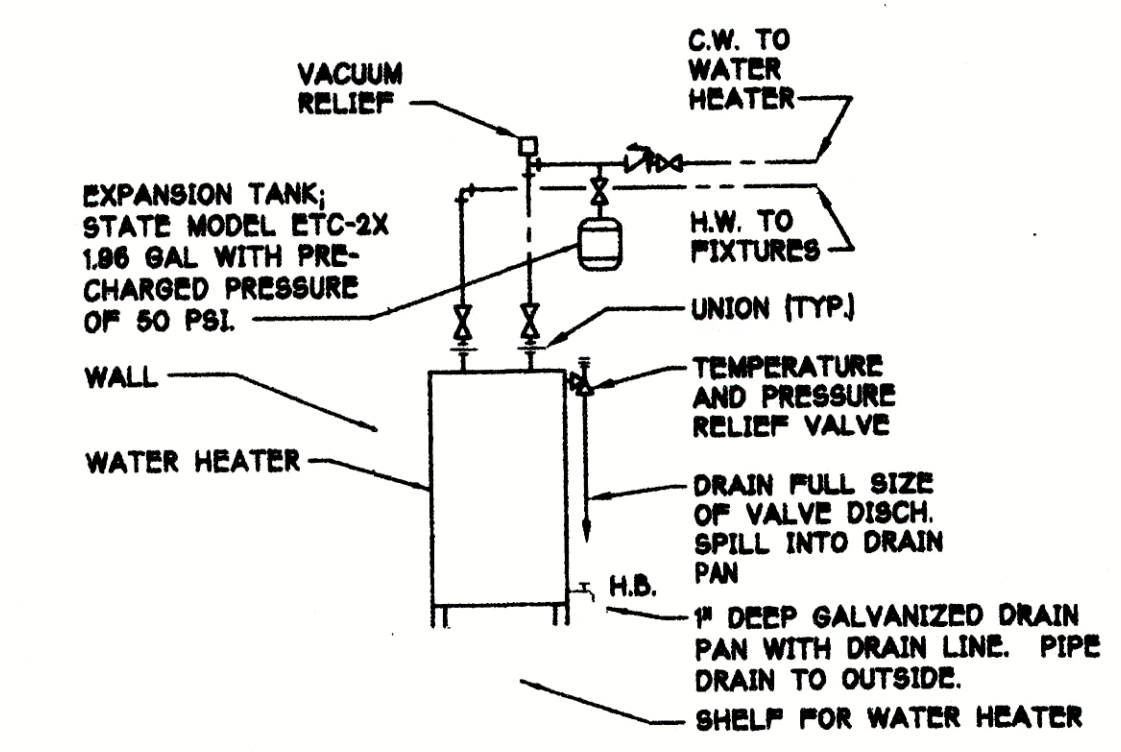
1 ENLARGED FLOOR PLAN - WASTE
P2 SCALE: 1/4" = 1'-0"



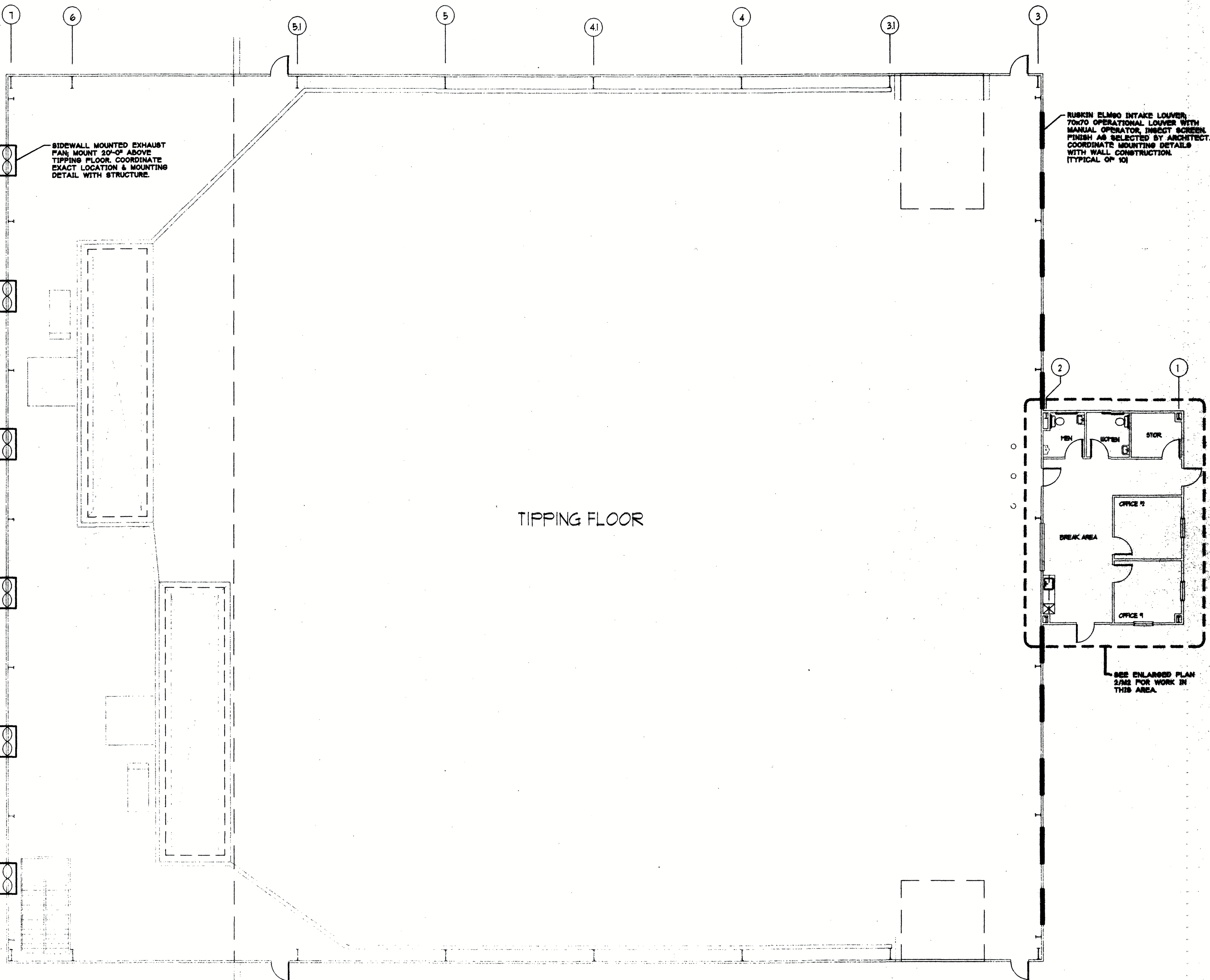
2 ENLARGED FLOOR PLAN - WATER
P2 SCALE: 1/4" = 1'-0"



4 SANITARY RISER DIAGRAM
P2 NO SCALE



5 WATER HEATER DETAIL
P2 NO SCALE



1 MECHANICAL FLOOR PLAN
M1 SCALE: 1/8" = 1'-0"

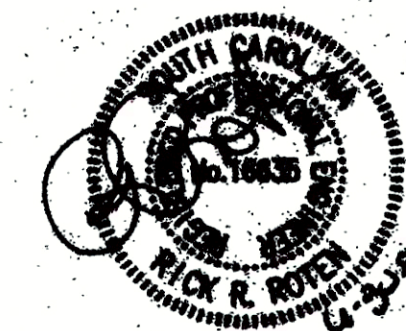
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Content

MECHANICAL
FLOOR
PLAN

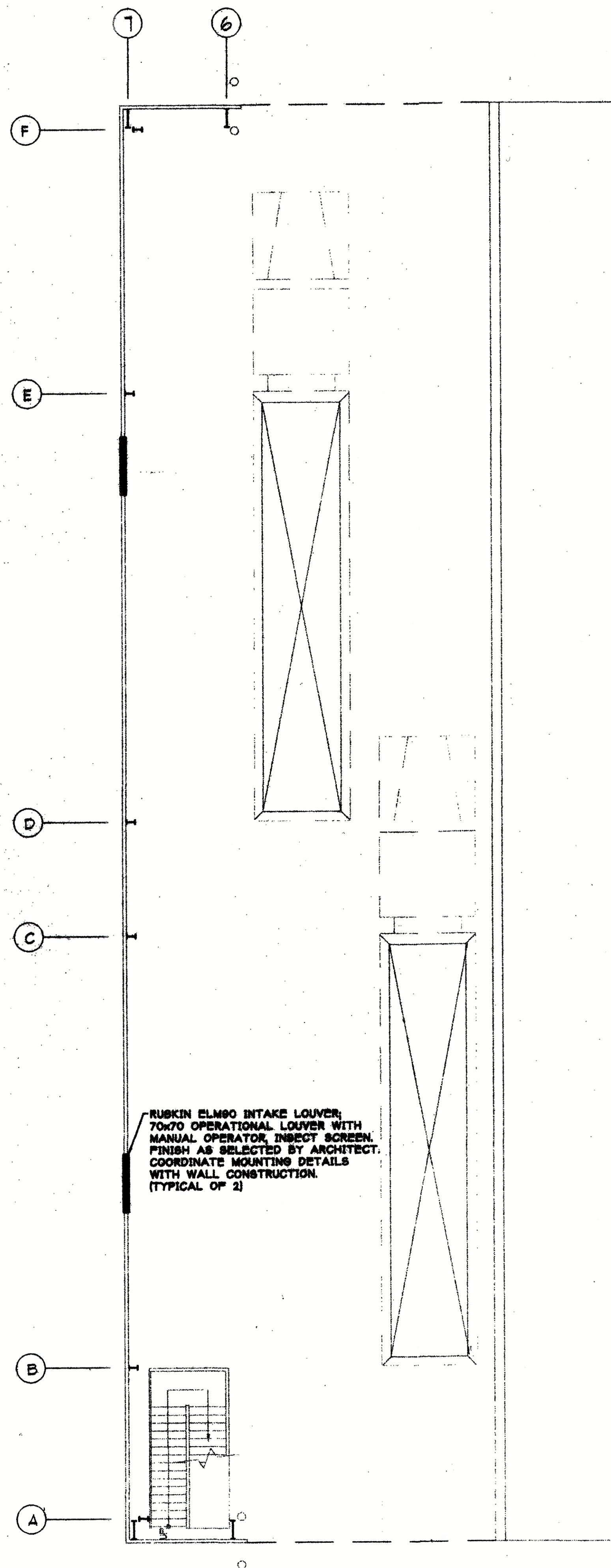
Project R3ENG43

Date May 30, 19

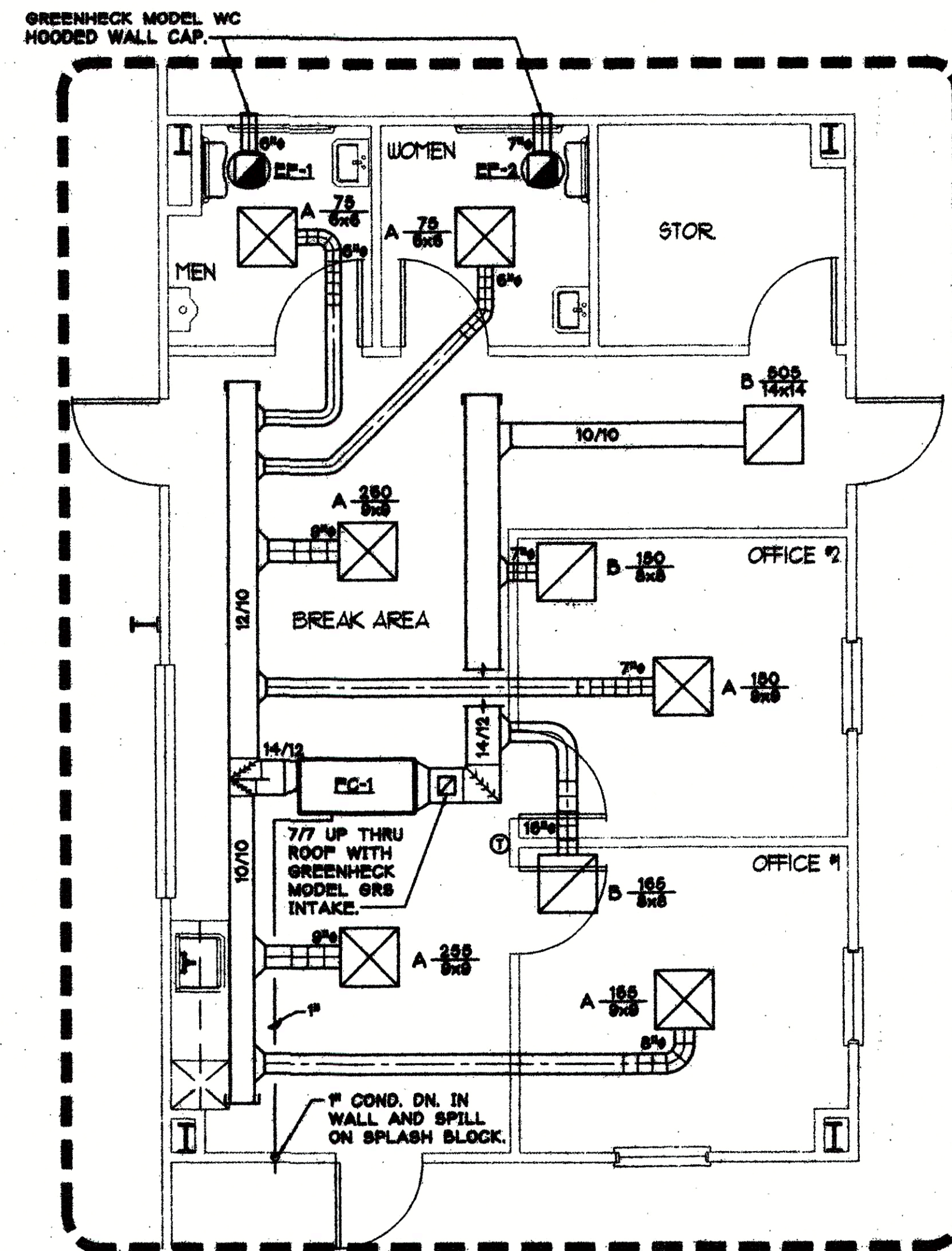
Revisions

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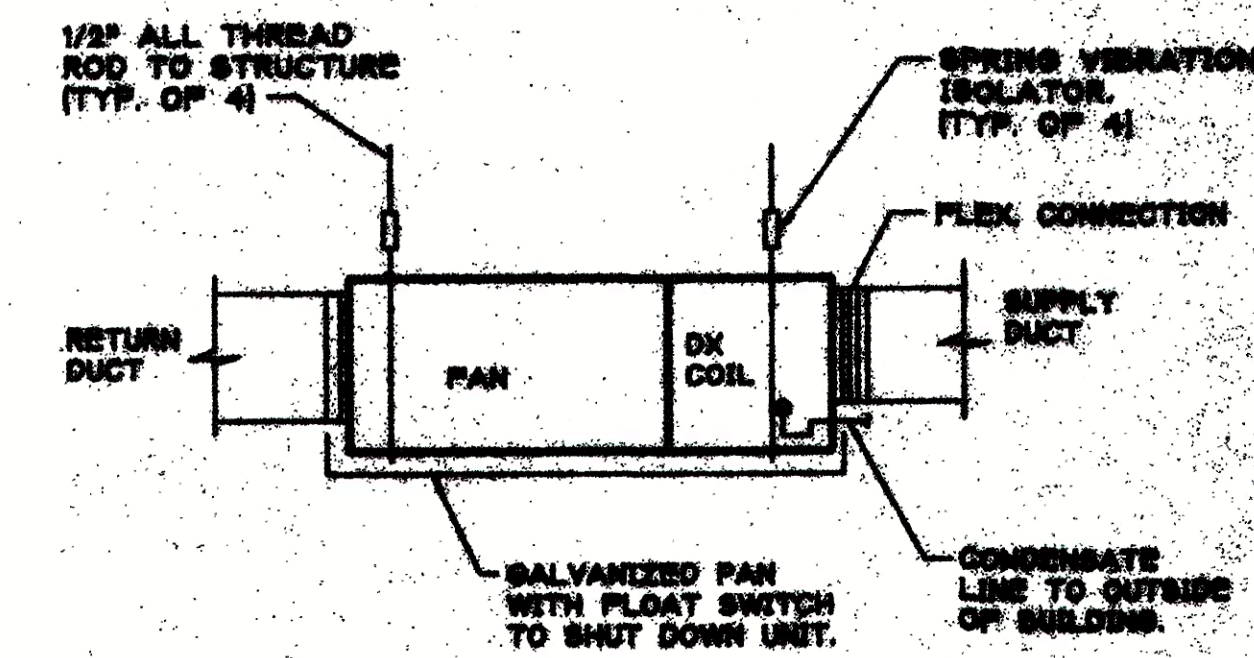
M1



1 MECHANICAL FLOOR PLAN
M2 SCALE: 1/8" = 1'-0"

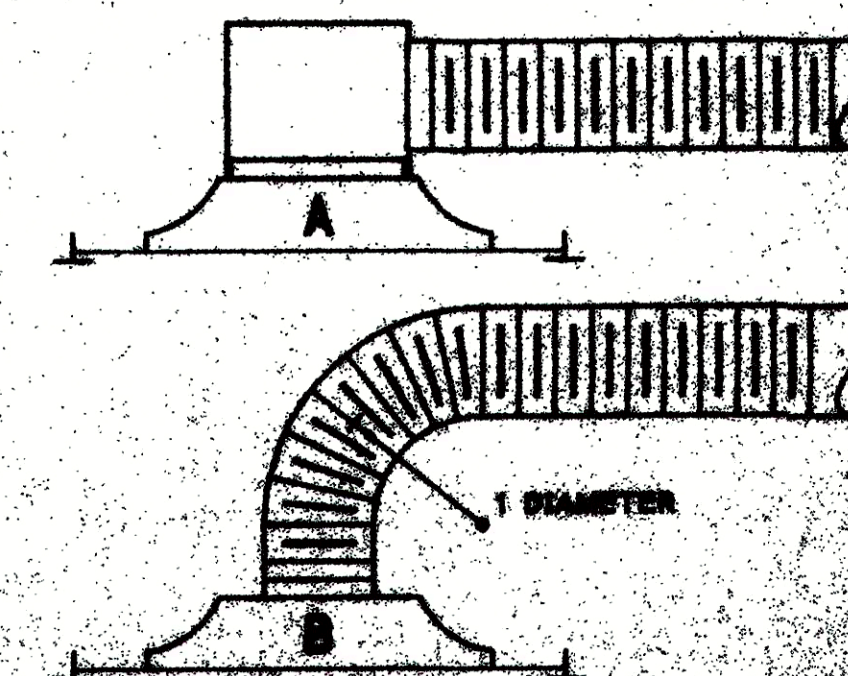


2 ENLARGED FLOOR PLAN - MECHANICAL
M2 SCALE: 1/4" = 1'-0"



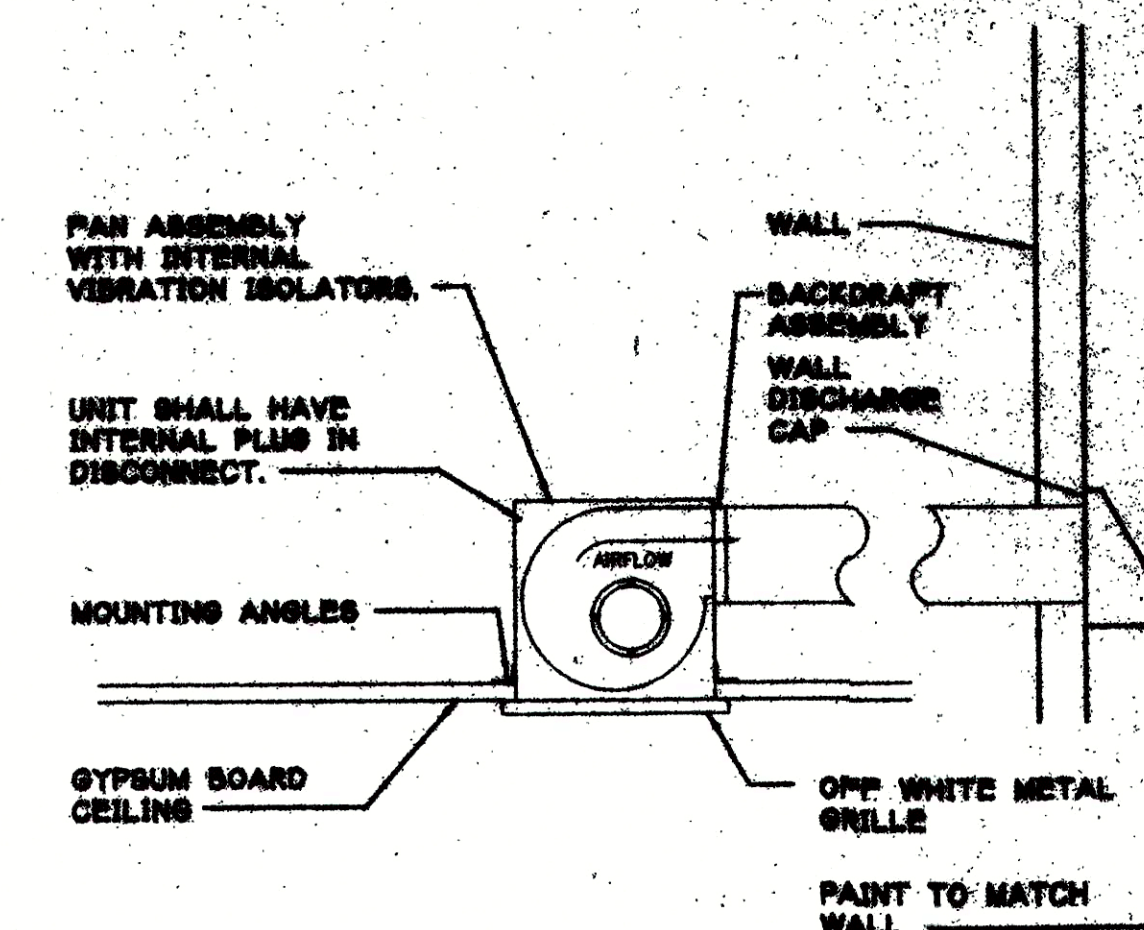
NOTE: PROVIDE 3 SEISMIC ISOLATION CABLE KITS. EQUAL TO VMC "BOM", 1/4" CABLE, HELTI H88 1/2" ANCHOR WITH 5" EMBEDMENT.

3 FAN COIL DETAIL
M2 NO SCALE



- A. LIMITED CEILING SPACE - PROVIDE RECTANGULAR GRG PLENUM TO MATCH NECK SIZE. SEAL AIR TIGHT AGAINST DIFFUSER. CONNECT FLEX DUCT TO PLENUM. WRAP PLENUM WITH EXTERNAL INSULATION.
- B. ADEQUATE CEILING SPACE - CONNECT FLEX DUCT DIRECTLY TO DIFFUSER WITH A 1-DUCT DIAMETER CENTERLINE RADIUS BEND.

4 CEILING DIFFUSER DETAIL
M2 NO SCALE



5 CEILING MOUNTED EXHAUST FAN DETAIL
M2 NO SCALE

W. Neil Fortune

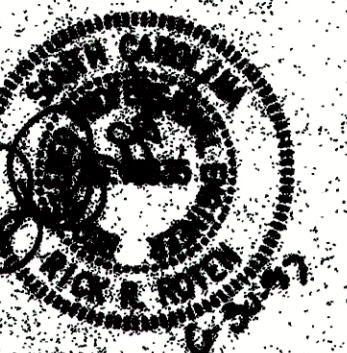
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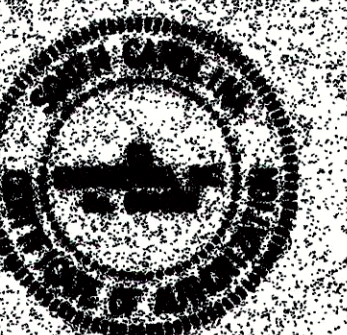


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Content

MECHANICAL
FLOOR
PLANS

Project R3ENG43

Date May 30, 98

Revisions

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M2

SPLIT SYSTEM HEAT PUMP SCHEDULE													
FAN COIL										HEAT PUMP CONDENSING UNIT			
MARK	MANUFACTURER & MODEL	FAN DATA				COOLING CAPACITY		HEATING CAPACITY		ELECTRICAL DATA			NOTES
		CFM	O.A.	E.S.P.	HP	TOTAL MBH	SENS. MBH	REV. CYCLE MBH	AUXILIARY KW	VOLT/PH	MCA	MAX FUSE	
FC-1	CARRIER FB4A030	880	180	0.8"	1/3	27.82	30.37	17.46	3.8	208V/1φ	21.0	30	HP-1 CARRIER 38YCB030 208V/1φ 12.7 18 1,2,3,4

- NOTES:
- COOLING CAPACITIES ARE RATED IN ACCORDANCE WITH ARI STANDARD 210/280 AT 85 F AMBIENT OUTDOOR AIR TEMP, 80 F DRY BULB, 67 F WET BULB ENTRANCE AIR TEMP, AND NOMINAL AIR QUANTITY LISTED.
 - PROVIDE AN AUTOMATIC CHANGEOVER HEAT/COOL THERMOSTAT WITH LOCKING COVER.
 - PROVIDE NEW FILTERS FOR EACH UNIT.
 - REVERSE CYCLE HEATING CAPACITY RATED AT 17 F AMBIENT AT 70 F ENTERING AIR.
 - ACCEPTABLE MANUFACTURERS: CARRIER, TRANE & YORK.

AIR DISTRIBUTION SCHEDULE											
MARK	MANUFACTURER & MODEL #	FRAME TYPE	FACE TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	MAX PD	MAX NC	NOTES
A	METALPAIRE 65006	A.C.T.	LOUVER	4-WAY	NO	STEEL	SUPPLY	OFF-WHITE	0.16"	<30	1-3
B	METALPAIRE 7500R	A.C.T.	PERFORATED	NA	NO	STEEL	RETURN	OFF-WHITE	0.16"	<30	1,5

- NOTES:
- DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:



DIFFUSER TYPE
AS NOTED ABOVE

AIR QUANTITY

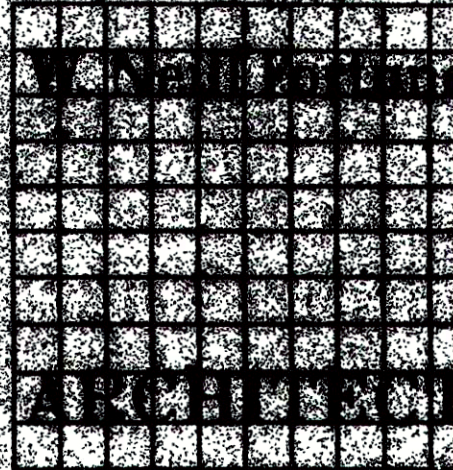
DIFFUSER OR
NECK SIZE
 - PROVIDE SQUARE TO ROUND TRANSITION MODEL TR.
 - ACCEPTABLE MANUFACTURERS: CARRIER, TUTTLE & BAILEY, PRICE & TITUS. (NO SUBSTITUTIONS)

EXHAUST FAN SCHEDULE										
MARK	MANUFACTURER & MODEL	CFM	S.P.	FAN TYPE	MOUNTING	DRIVE	MAX. BONES	MOTOR DATA		NOTES
								HP	VOLT/PH	
EF-1	GREENHECK SF-6	120	0.28	CABINET	CEILING	DIRECT	3.6	170 A	120V/1φ	1-3,5
EF-2	GREENHECK SF-6	120	0.28	CABINET	CEILING	DIRECT	3.6	170 A	120V/1φ	1-3,5
EF-3	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7
EF-4	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7
EF-5	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7
EF-6	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7
EF-7	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7
EF-8	GREENHECK SBE-3LS4-90	34,000	0.30	PROPELLER	SIDEWALL	BELT	32.0	6.0	460V/3φ	1-7

- NOTES:
- FAN SHALL BE INTERLOCKED WITH LOCAL LIGHT SWITCH.
 - PROVIDE WITH BACKDRAFT DAMPER.
 - PROVIDE WITH WALL CAP.
 - PROVIDE UL 706 ELECTRICAL, EXTERIOR MOUNTED GRAVITY BDD WD-300 86-86, SPOXY FAN & ACCESSORIES, OSHA MOUNTED SIDE GUARD - EXHAUST, WALL HOUSING & WEATHERHOOD.
 - ACCEPTABLE MANUFACTURERS: PENN & LOREN COOK. (NO SUBSTITUTIONS)
 - PROVIDE 2 SPEED MOTOR FOR FULL RPM & 2/3 RPM OPERATION, TOTALLY ENCLOSED MOTORS.
 - STARTERS, DISCONNECTS & SWITCHES SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR.

HVAC LEGEND	
	CEILING DIFFUSER
	EXHAUST/RETURN DIFFUSER
	WALL DIFFUSER
	THERMOSTAT/CONTROL
	RECTANGULAR DUCT W/D - WIDTH / DEPTH
	FLEX DUCT
	ROUND DUCT
	CONICAL TAP WITH WITH DAMPER
	V.D. VOLUME DAMPER
	B.D.D. BACKDRAFT DAMPER
	DOOR UNDERCUT
	DOOR LOUVER
	SWITCH
	FIRE DAMPER W/ AND ACCESS DOOR
	RADIATION DAMPER
	SMOKE DETECTOR - DUCT MOUNTED WITH ACCESS DOOR
	A.D. ACCESS DOOR
	O.E.D. OPEN END DUCT WITH WIRE MESH SCREEN

MECHANICAL GENERAL NOTES	
1.	DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
2.	ALL DUCTWORK AND PIPING SHALL BE COORDINATED WITH THE WORK PERFORMED UNDER OTHER DIVISIONS TO AVOID INTERFERENCE.
3.	LOCATE ALL THERMOSTATS 5'-0" ABOVE THE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
4.	HVAC CONTRACTOR SHALL REPAIR, REPLACE, OR REPAINT TO MATCH EXISTING SURFACES DAMAGED BY THE HVAC CONTRACTOR DURING INSTALLATION OF MECHANICAL EQUIPMENT.
5.	HVAC CONTRACTOR SHALL REMOVE FROM THE JOBSITE ANY MATERIALS NOT ECONOMICALLY RECOVERABLE. ANY MATERIALS REMOVED FROM THE JOBSITE AND SOLD FOR SALVAGE SHALL BE CREDITED TO THE OWNER'S ACCOUNT.
6.	INSTRUMENT TEST HOLES SHALL BE LOCATED IN ALL NEW SUPPLY, EXHAUST, AND RETURN DUCTS.
7.	HVAC CONTRACTOR SHALL PROVIDE AND INSTALL MANUAL BALANCING DAMPERS IN DUCTWORK FIVE FEET UPSTREAM OF ALL DUCTED DIFFUSERS. IF FIVE FEET CANNOT BE MAINTAINED, THE MAXIMUM DISTANCE POSSIBLE SHOULD BE OBSERVED. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL ALL DAMPERS NECESSARY TO BALANCE THE SYSTEM TO AIR FLOW VALUES SHOWN ON PLANS.
8.	MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE SEVEN FEET.
9.	DUCT SIZES GIVEN ARE INSIDE CLEAR DIMENSIONS.
10.	HVAC CONTRACTOR SHALL PROVIDE AND INSTALL FIRE AND/OR SMOKE DAMPERS WHERE INDICATED ON PLANS AND IN SUCH LOCATIONS AS REQUIRED BY APPLICABLE CODE. INSTALLATION OF FIRE AND/OR SMOKE DAMPERS SHALL BE IN STRICT ACCORDANCE WITH THE DAMPER MANUFACTURER'S RECOMMENDATIONS.
11.	ALL VALVES AND PIPING SPECIALTIES SHALL BE LINE SIZED UNLESS NOTED OTHERWISE. USE ECCENTRIC REDUCERS ON CONTROL VALVES WHERE REQUIRED.
12.	DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS. FIBERGLASS DUCTWORK IS UNACCEPTABLE.
13.	DUCTWORK SHALL BE WRAPPED WITH 1 1/2" FIBER GLASS INSULATION EQUAL TO MANVILLE "GROCLITE".
14.	FLEXIBLE DUCTWORK SHALL BE EXTERNALLY INSULATED AND CONFORM TO ALL REQUIREMENTS OF UL-181 FOR CLASS 1 DUCTS.
15.	ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH THE WALL AND/OR ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
16.	ALL PIPING INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, AND PARTITIONS.
17.	ALL PIPING SHALL BE SUPPORTED AS NEAREST TO EQUIPMENT, TO PREVENT WEIGHT OF PIPING BEING PLACED ON EQUIPMENT.
18.	HVAC CONTRACTOR SHALL PROVIDE ALL ROOF CURBS TO THE GENERAL CONTRACTOR FOR ASSEMBLY AND INSTALLATION PRIOR TO THE INSTALLATION OF EXTERIOR EXHAUSTS.
19.	HVAC CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON JOBSITE.
20.	VERIFY ALL EXISTING IN ALL WORK IN JOBSITE.
21.	GENERAL CONTRACTOR SHALL PERMIT AND INSTALL ALL SUPPORTING ANGLES AND BRACKETS SUPPORT BEAMS FOR WALL MOUNTED EXHAUST FANS, LOUVERS, ETC.
22.	IT IS THE INTENTION OF THESE DRAWINGS TO SHOW ALL WORK FOR A COMPLETE FIRST CLASS MECHANICAL INSTALLATION AND EQUIPMENT. THE MECHANICAL WORKSHOPS USUALLY UTILIZED IN THE CLASS OF WORK THOUGH NOT SPECIFICALLY IDENTIFIED ON DRAWING OR THE EQUIPMENT, THAT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK IS IDENTIFIED BY THE ARCHITECT SHALL BE PROVIDED AND INSTALLED BY THE HVAC CONTRACTOR AS PART OF HIS TOTAL WORK.
23.	HVAC CONTRACTOR SHALL BALANCE THE SYSTEM AND PROVIDE THE OWNER WITH WRITTEN VERIFICATION THAT THE SYSTEM IS IN COMPLIANCE WITH THE COMMISSION DOCUMENTS.



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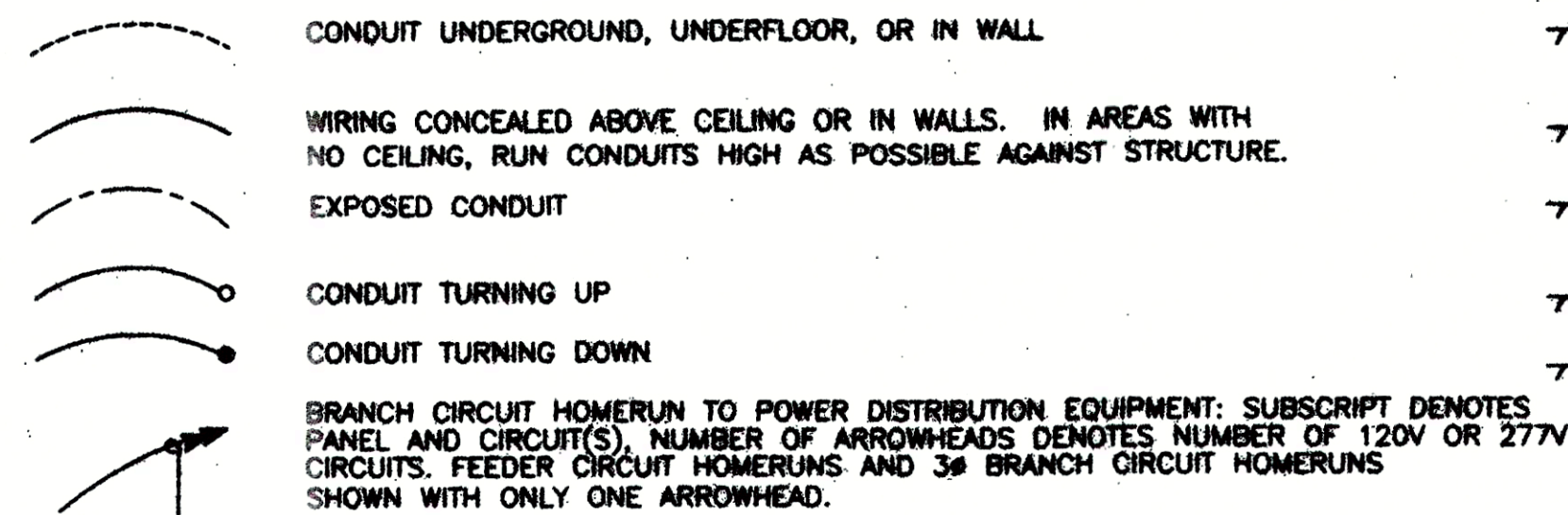


Content
MECHANICAL
SCHEDULES
& DETAILS

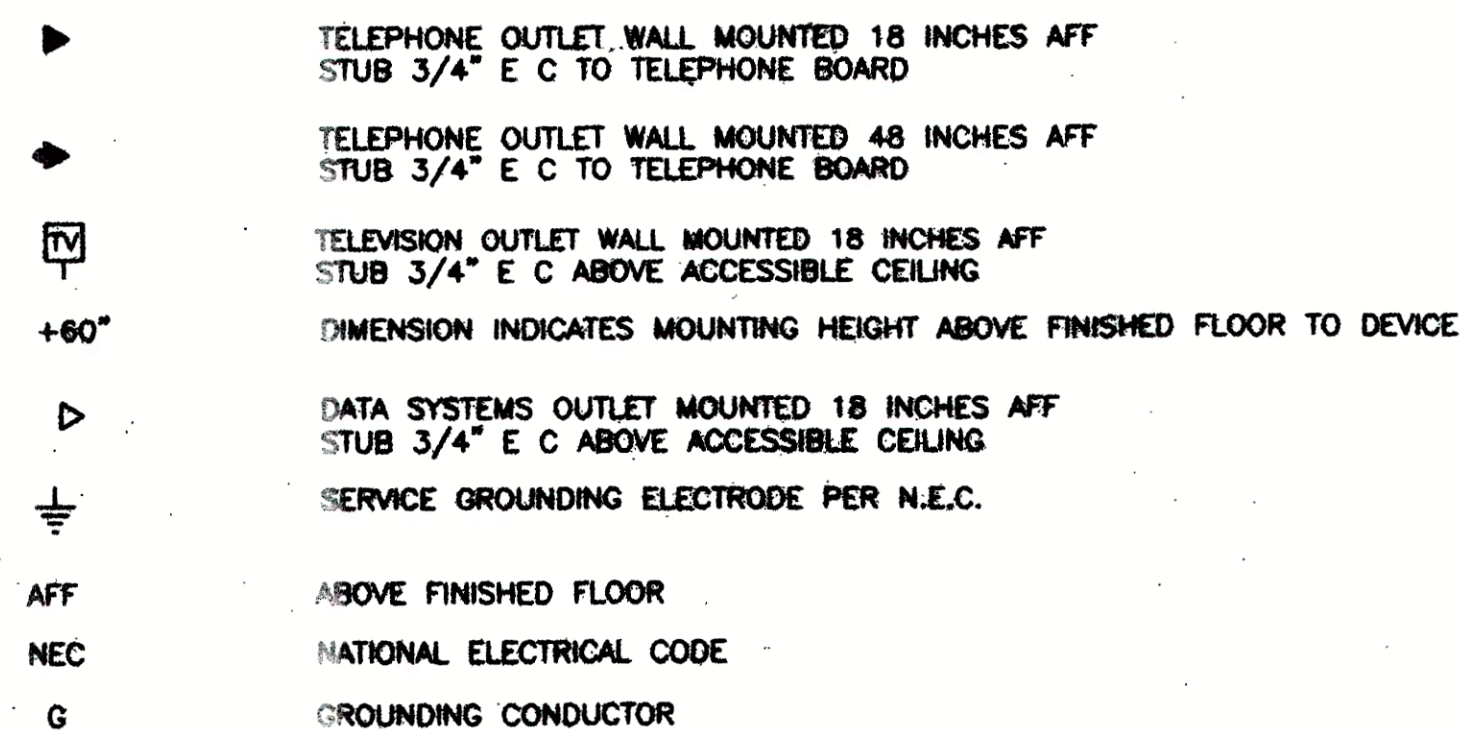
Project R3ENG4
Date May 30, 1991
Revisions

ELECTRICAL SYMBOL SCHEDULE

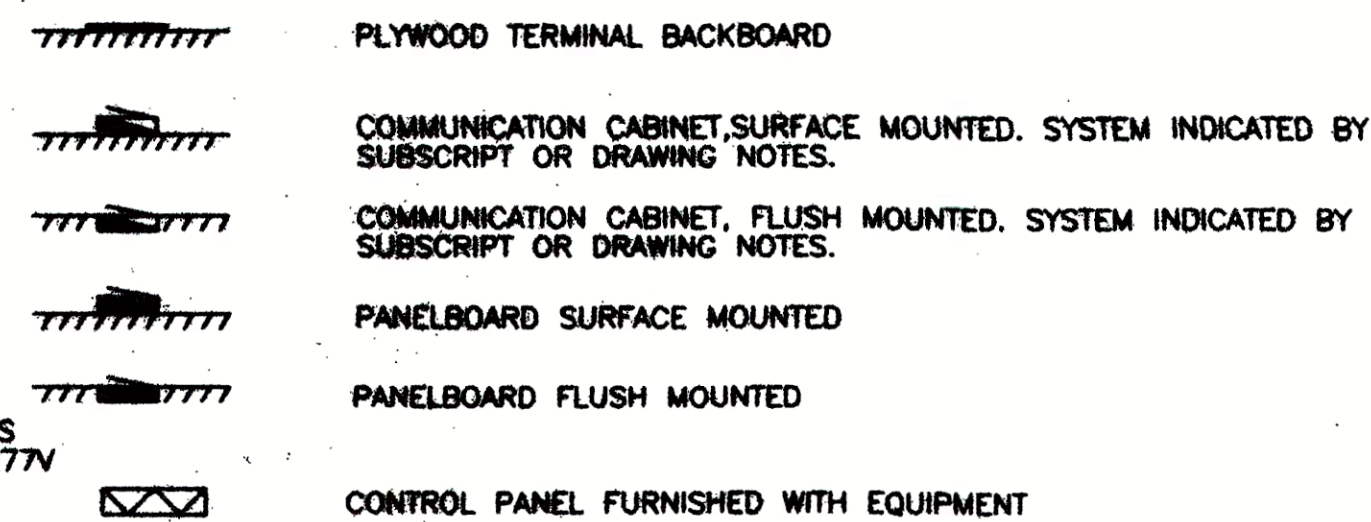
CONDUIT AND CONDUCTORS



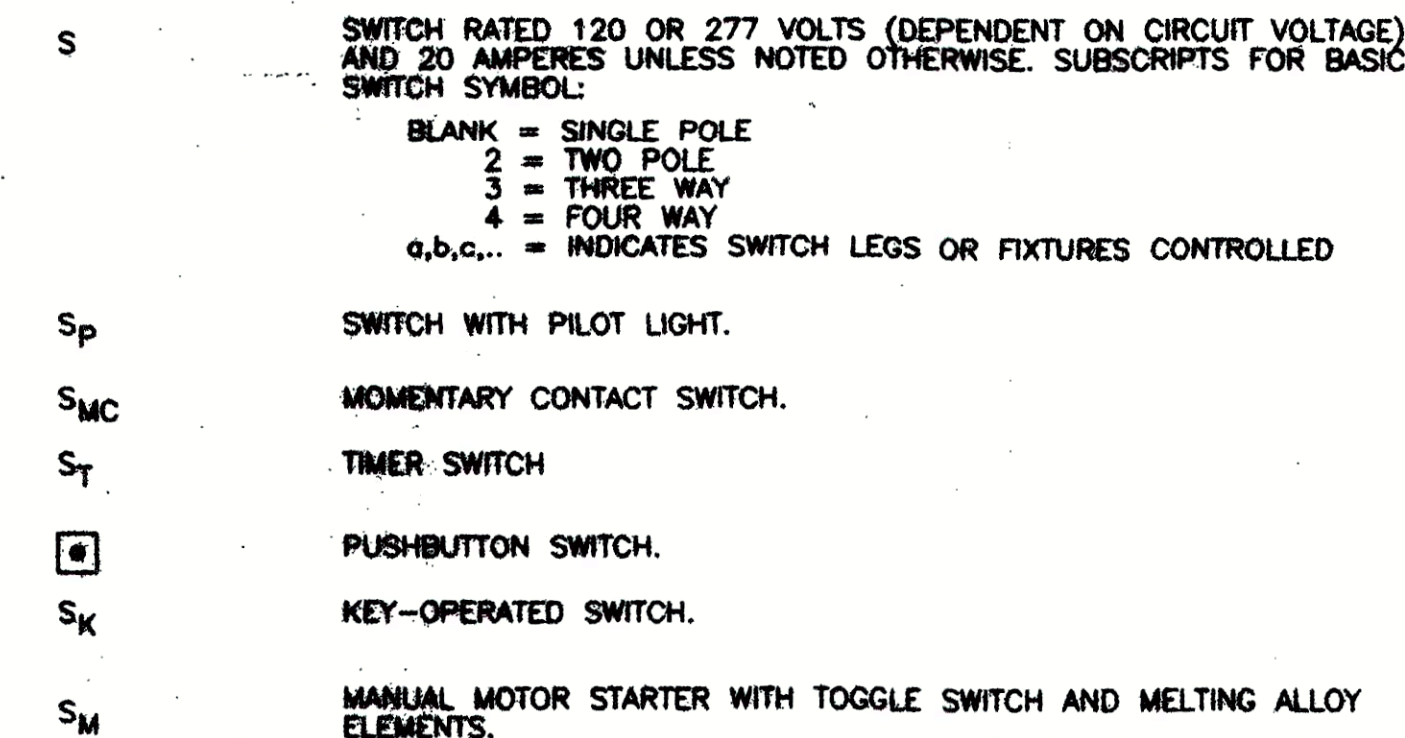
MISCELLANEOUS



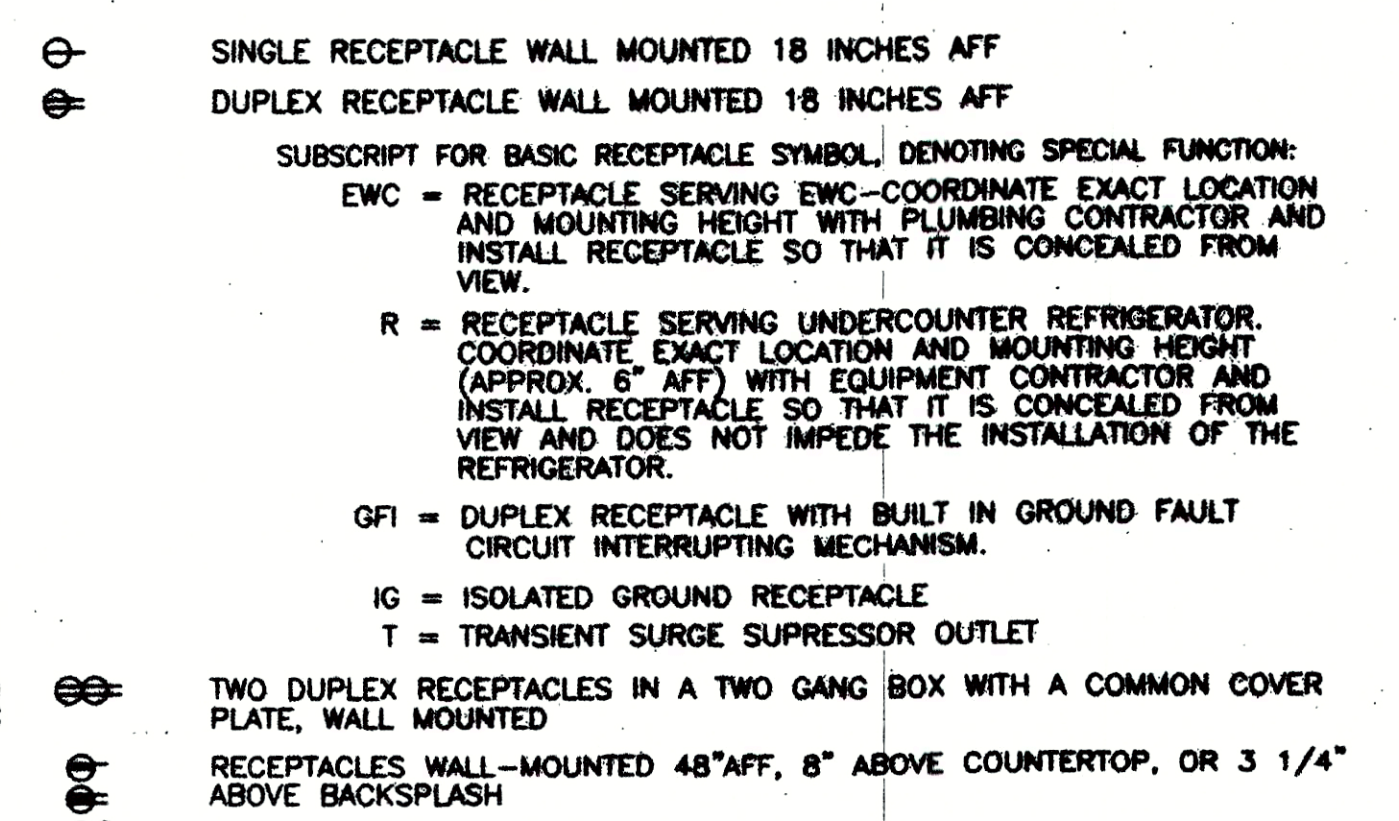
PANELBOARDS AND CABINETS



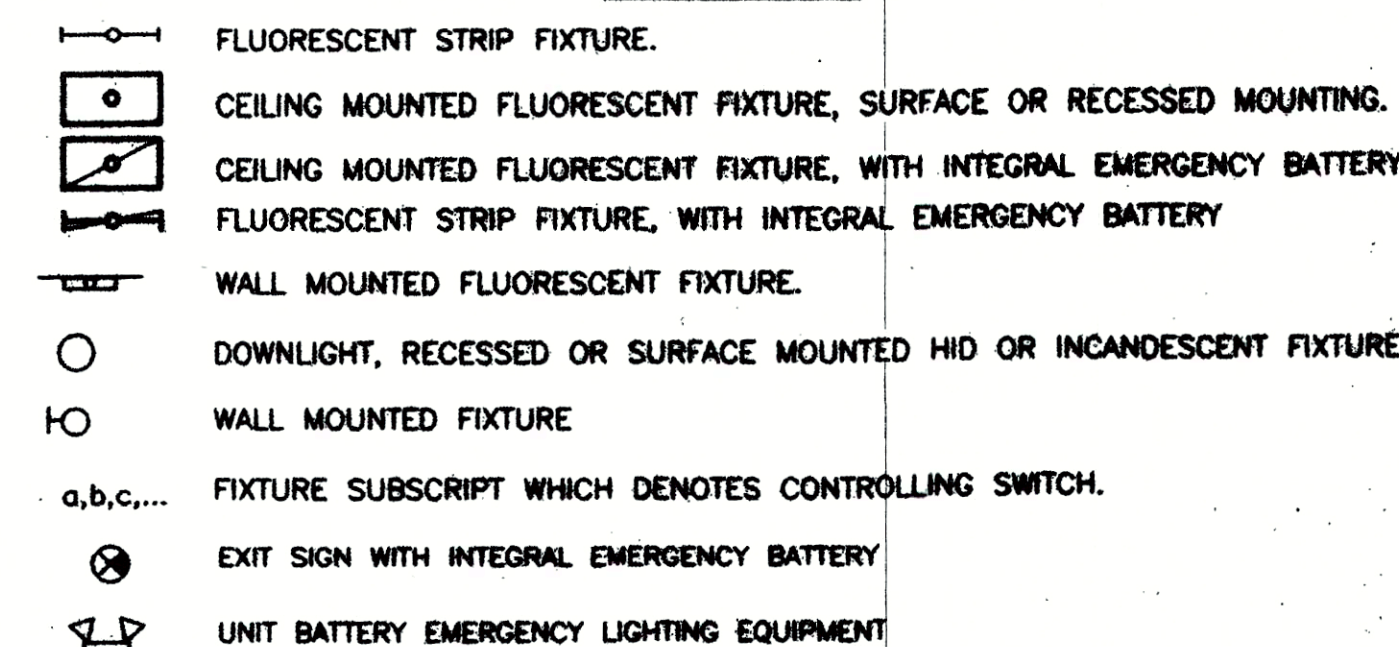
SWITCHES



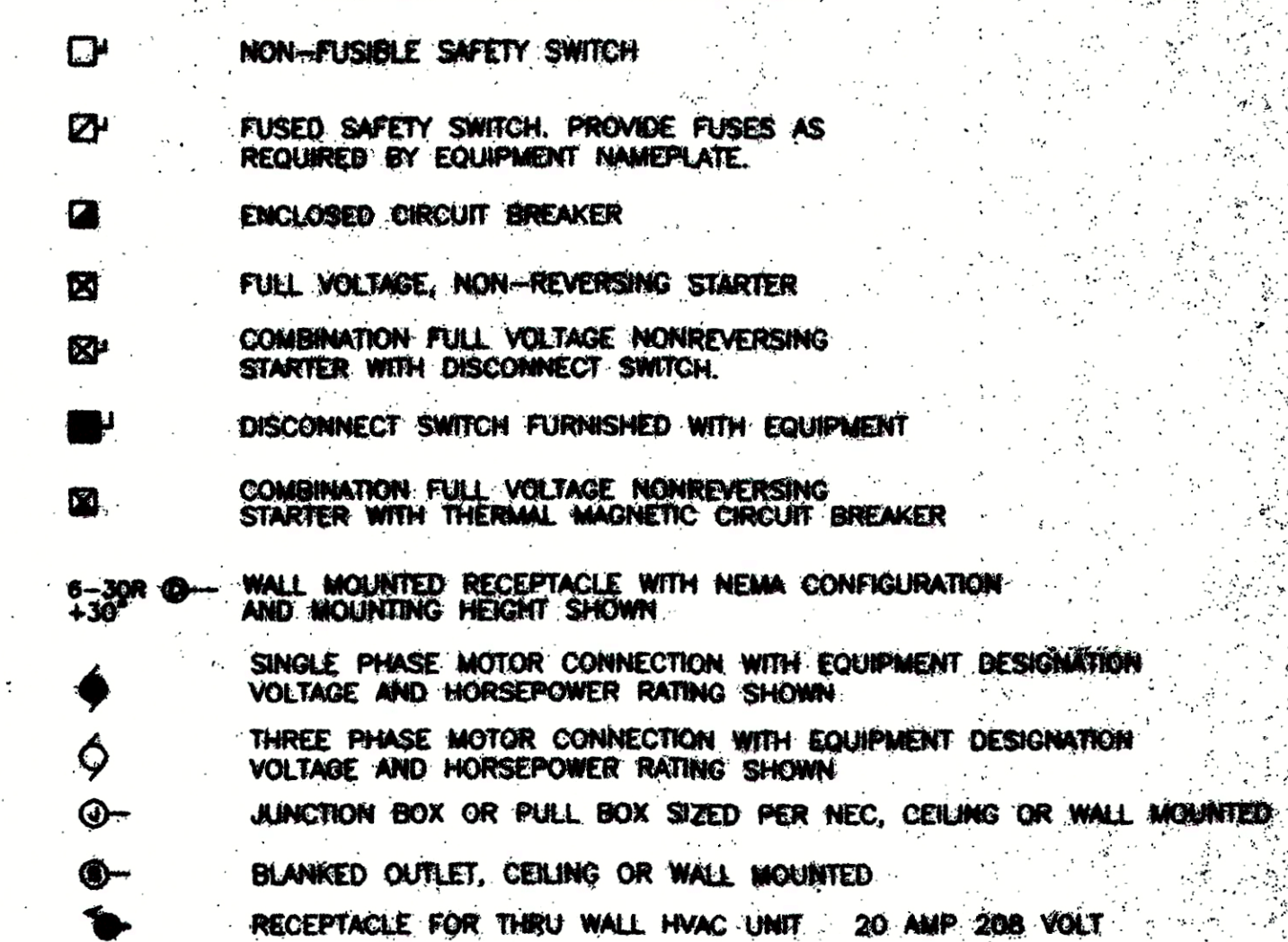
STANDARD RECEPTACLES



LIGHTING

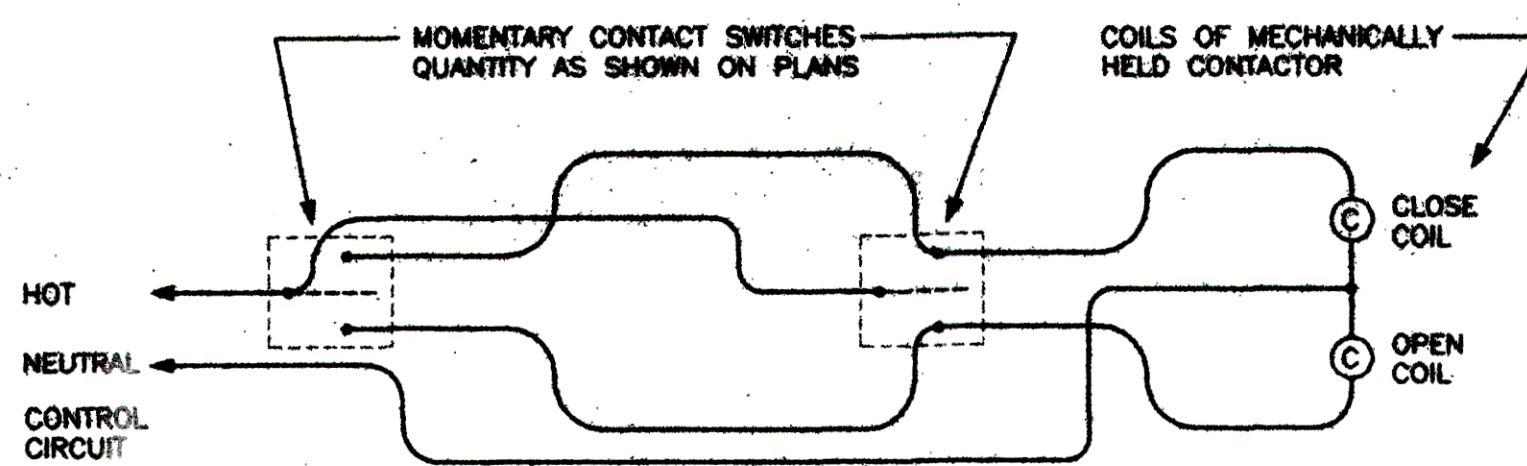


POWER EQUIPMENT



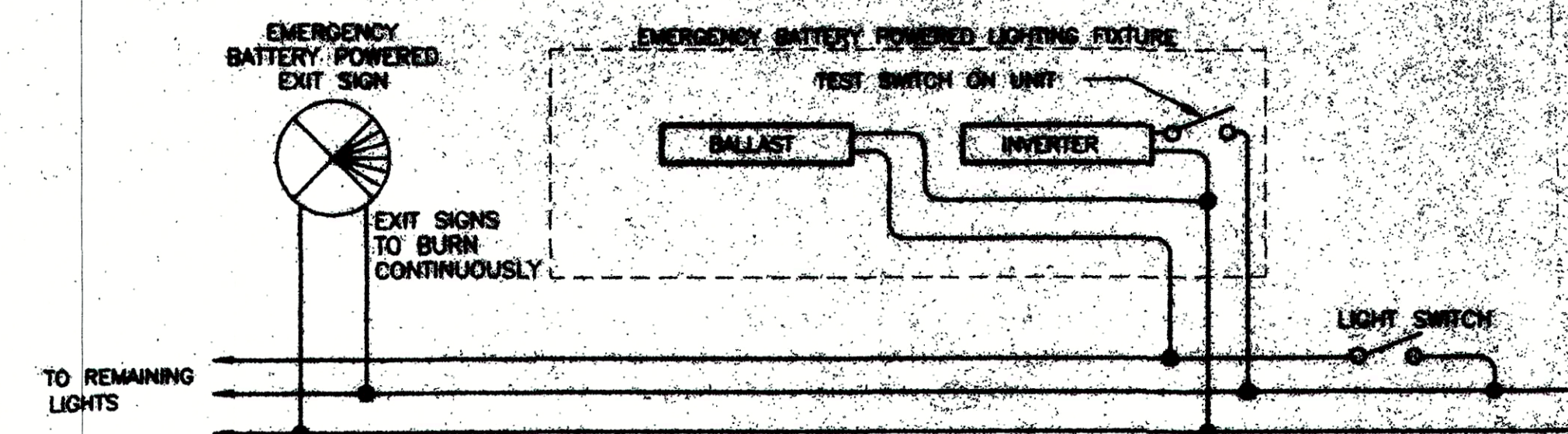
SYMBOL NOTES

- ALL MOUNTING HEIGHTS ARE GIVEN TO THE CENTERLINE OF THE DEVICE.
- ALL SWITCHES SHALL BE MOUNTED SO THAT THEY ARE 48" AFF. WHERE SWITCHES ARE MOUNTED ABOVE CASEWORK OR MILLWORK, MOUNT SO THAT THEY ARE 8" ABOVE COUNTER OR 3-1/4" ABOVE BACKSPLASH.
- WHERE COVERPLATES CONFLICT WITH CASEWORK OR MILLWORK, THE MOUNTING HEIGHTS OF WIRING DEVICES SHALL BE SLIGHTLY ADJUSTED TO MAKE THE COVERPLATE CLEAR THE BACKSPLASH BY 1-INCH.
- ADDITIONAL SYMBOLS MAY BE SHOWN OR DENOTED ON OTHER SHEETS.
- THIS IS A STANDARD SYMBOL SCHEDULE AND NOT ALL SYMBOLS MAY BE USED IN THE CONTRACT DOCUMENTS
- CONNECT EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS AHEAD OF LOCAL LIGHT SWITCHES.

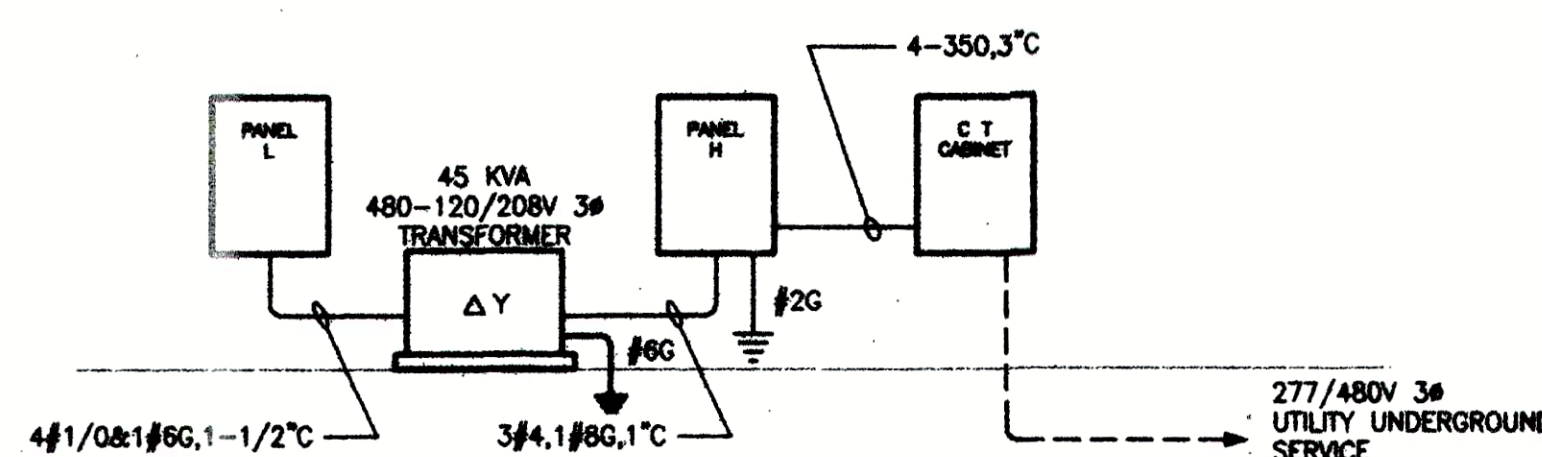


MECHANICALLY HELD LIGHTING CONTACTOR WIRING DIAGRAM
NO SCALE

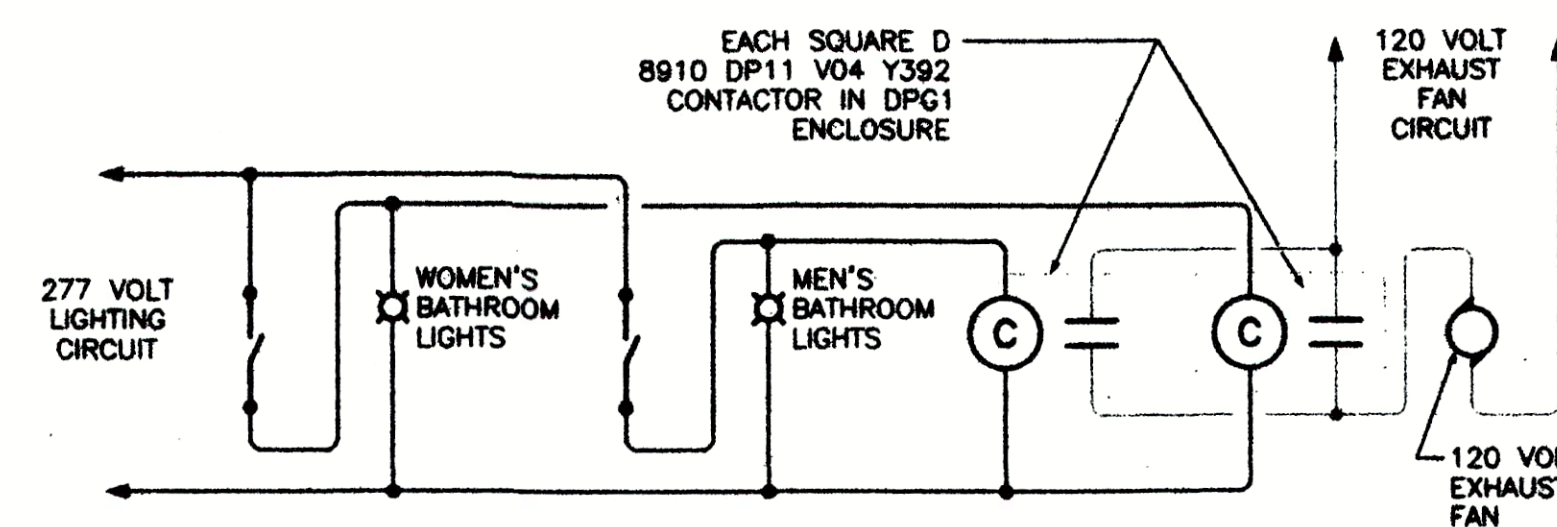
CONTACTOR NUMBER	NO. POLES	RATING	TYPE	PANEL CIRCUIT NO.	SWITCH VIA
LC1	3	20	MECH	H-1,3,5	S _{MC}
LC2	3	20	MECH	H-7,9,11	S _{MC}
LC3	3	20	MECH	H-15,17	S _{MC}
LC4	3	20	MECH	H-21	PE CELL



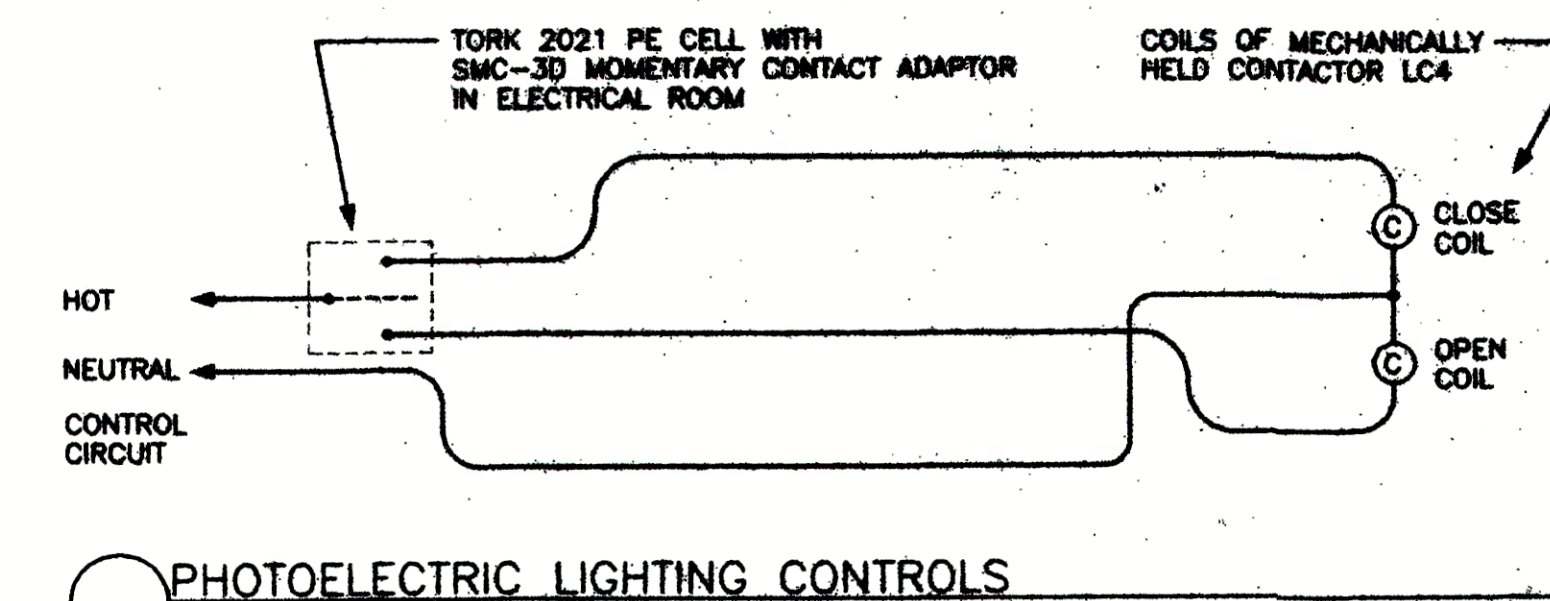
1
E1 EMERGENCY LIGHTING WIRING
NO SCALE



2
E1 POWER RISER DIAGRAM
NO SCALE



TOILET LIGHTING-EXHAUST FAN SWITCHING DETAIL
NOT TO SCALE



PHOTOELECTRIC LIGHTING CONTROLS
NO SCALE

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YORK
COUNTY
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YORK COUNTY
SOUTH CAROLINA

Content
ELECTRICAL
SCHEDULES
AND
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Revisions

Sheet

E1

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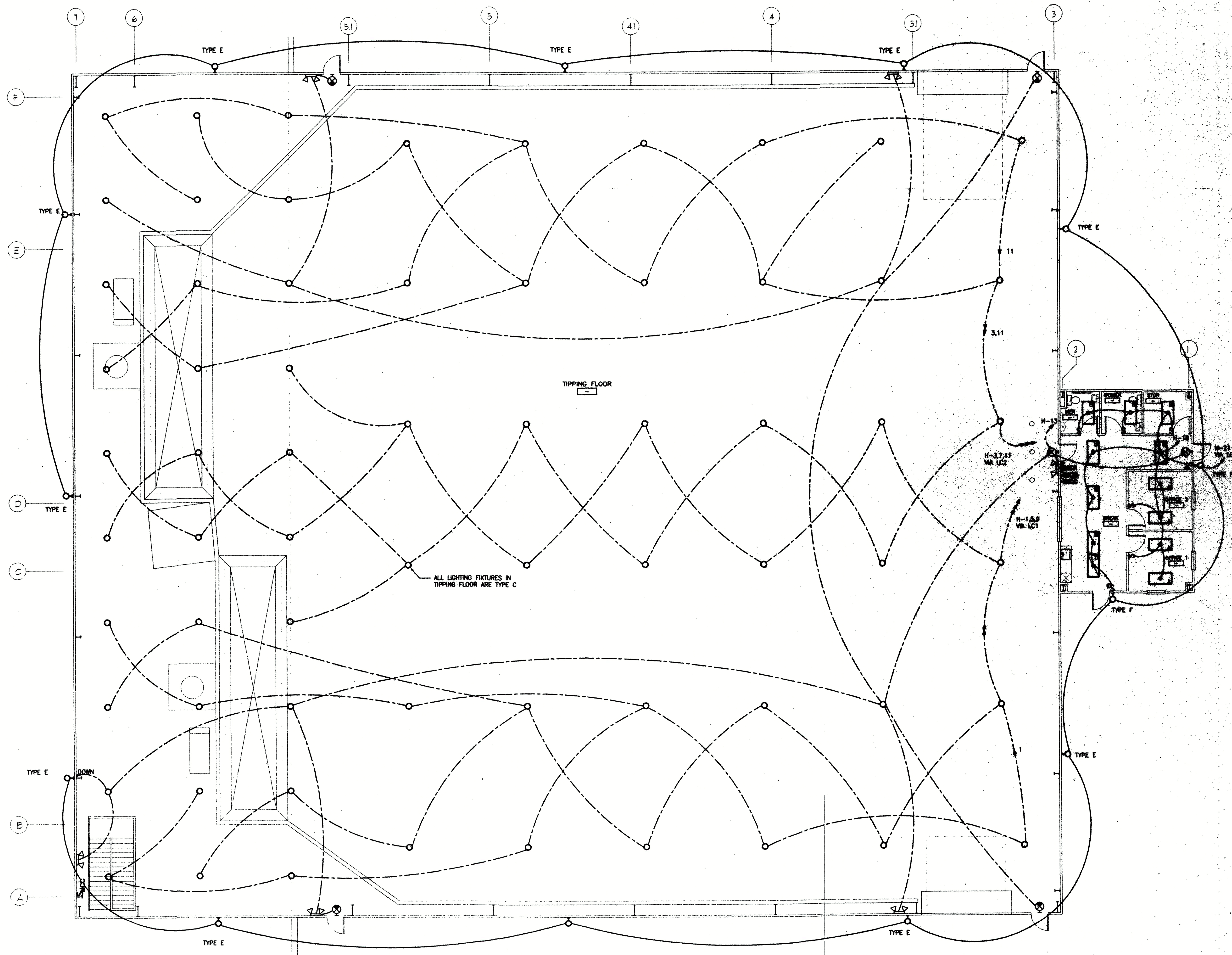


YORK
COUNTY
TRANSFER
STATION
YORK COUNTY,
SOUTH CAROLINA

Content
UPPER
LEVEL
LIGHTING
PLAN

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E2



1
E2 UPPER LEVEL LIGHTING PLAN
SCALE: 1/8"=10"

Sheet
E3



