



# UNITED STATES POST OFFICE

## DAVENPORT, FLORIDA 33837

### UNITED STATES POSTAL SERVICE

FACILITIES SERVICE OFFICE  
 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020  
 (813) 281-5265

### LUNZ and ASSOCIATES, inc. ARCHITECTS

44 LAKE MORTON DRIVE  
 LAKELAND, FLORIDA 33801  
 (813) 682-1882

### CONSULTANTS:

#### CIVIL ENGINEER

**KEITH & SCHNARS**  
 2525 DRAINFIELD ROAD SUITE 7  
 LAKELAND, FLORIDA 33811  
 (813) 646-4771

#### LANDSCAPE ARCHITECT

**CURTIS PETERSON**  
 225 N. GARY RD.  
 LAKELAND, FLORIDA 33803  
 (813) 683-4011

#### STRUCTURAL ENGINEER

**PAUL J. FORD & CO.**  
 1321 U.S. HWY. 19 SO. SUITE 209  
 CLEARWATER, FLORIDA 34624  
 (813) 535-5582

#### MECHANICAL / ELECTRICAL ENGINEER

**BURTON & ROLLEY INC.**  
 5535 MEMORIAL HIGHWAY  
 TAMPA, FLORIDA 33634  
 (813) 889-0835

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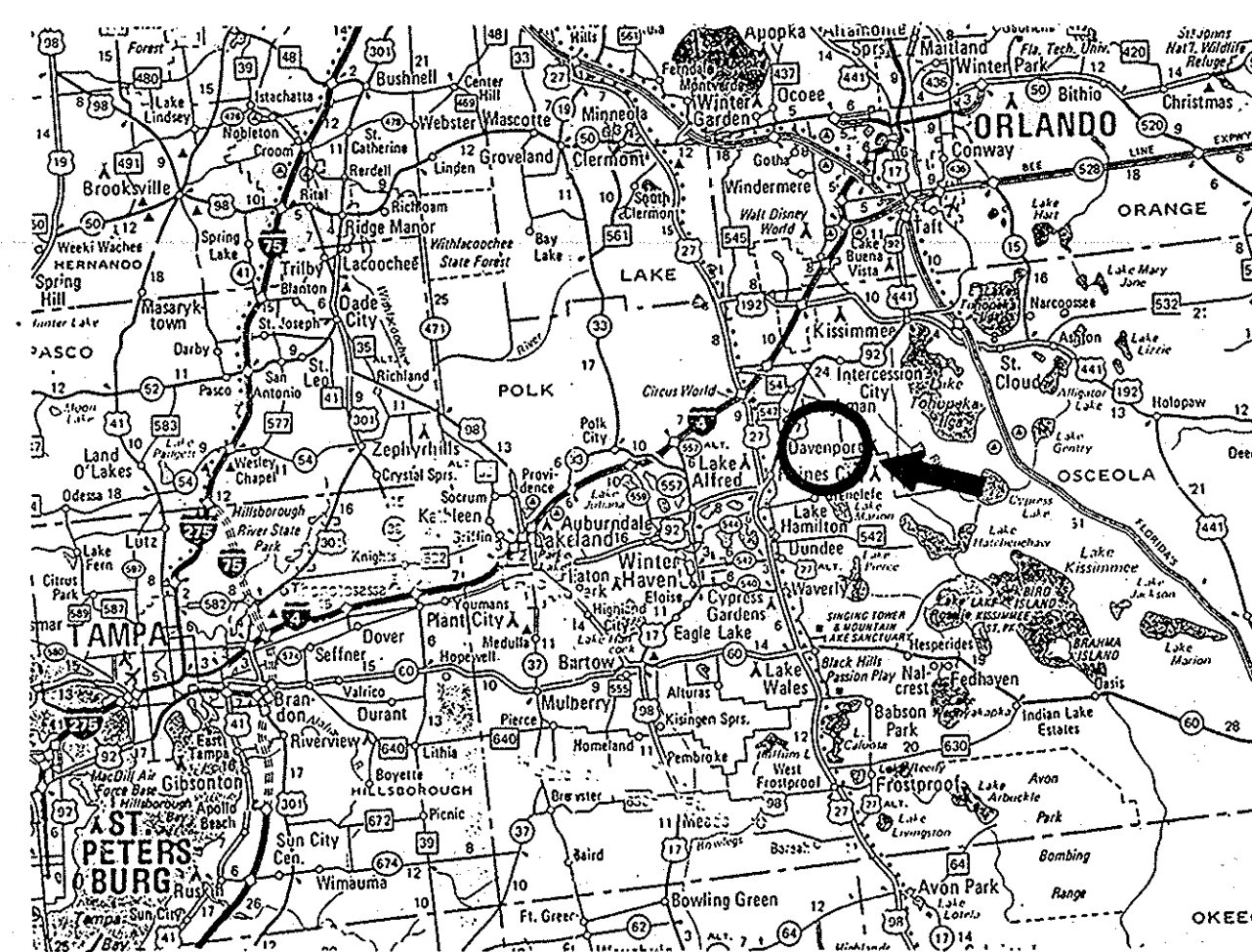
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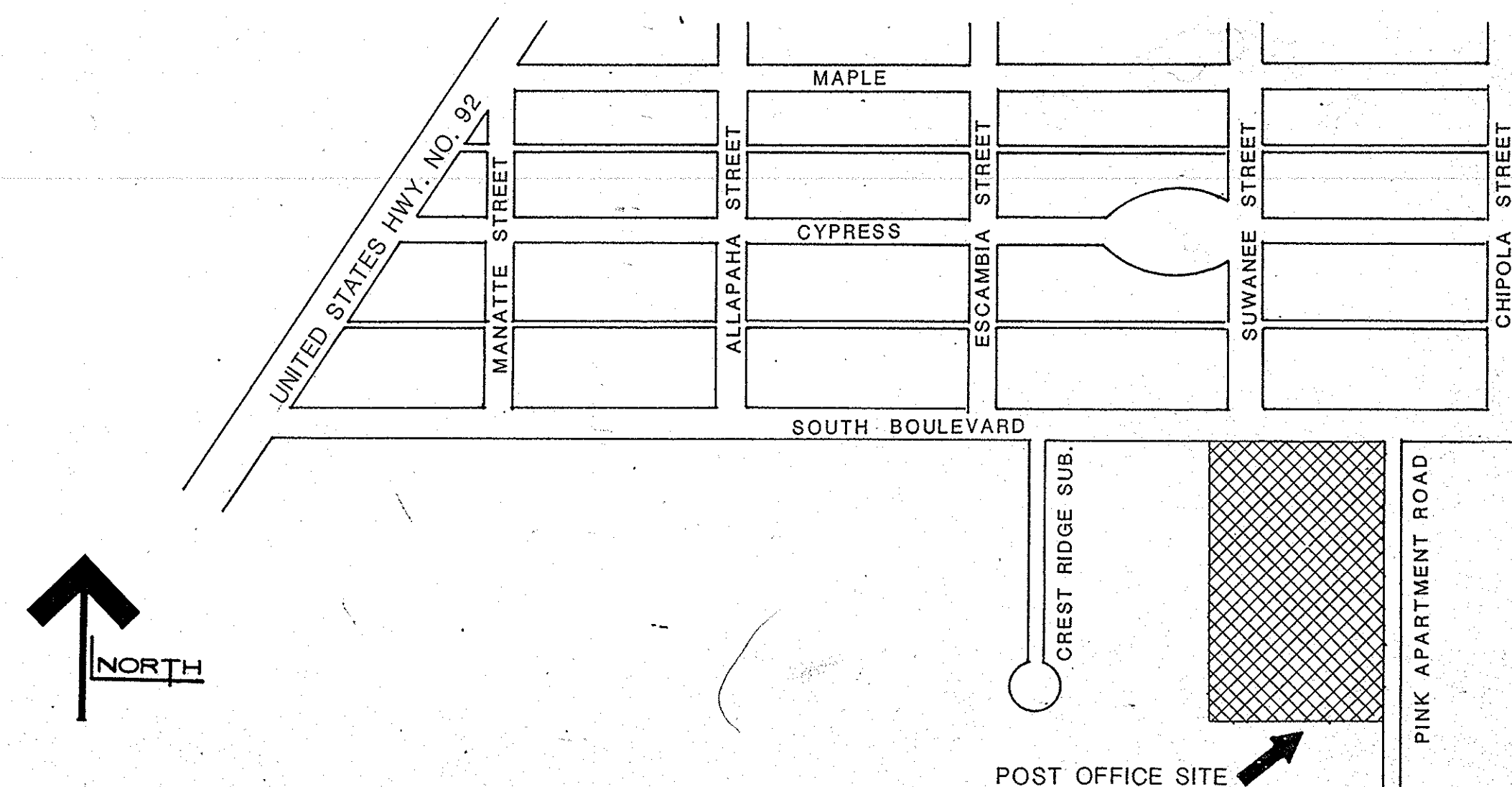
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VICINITY MAP

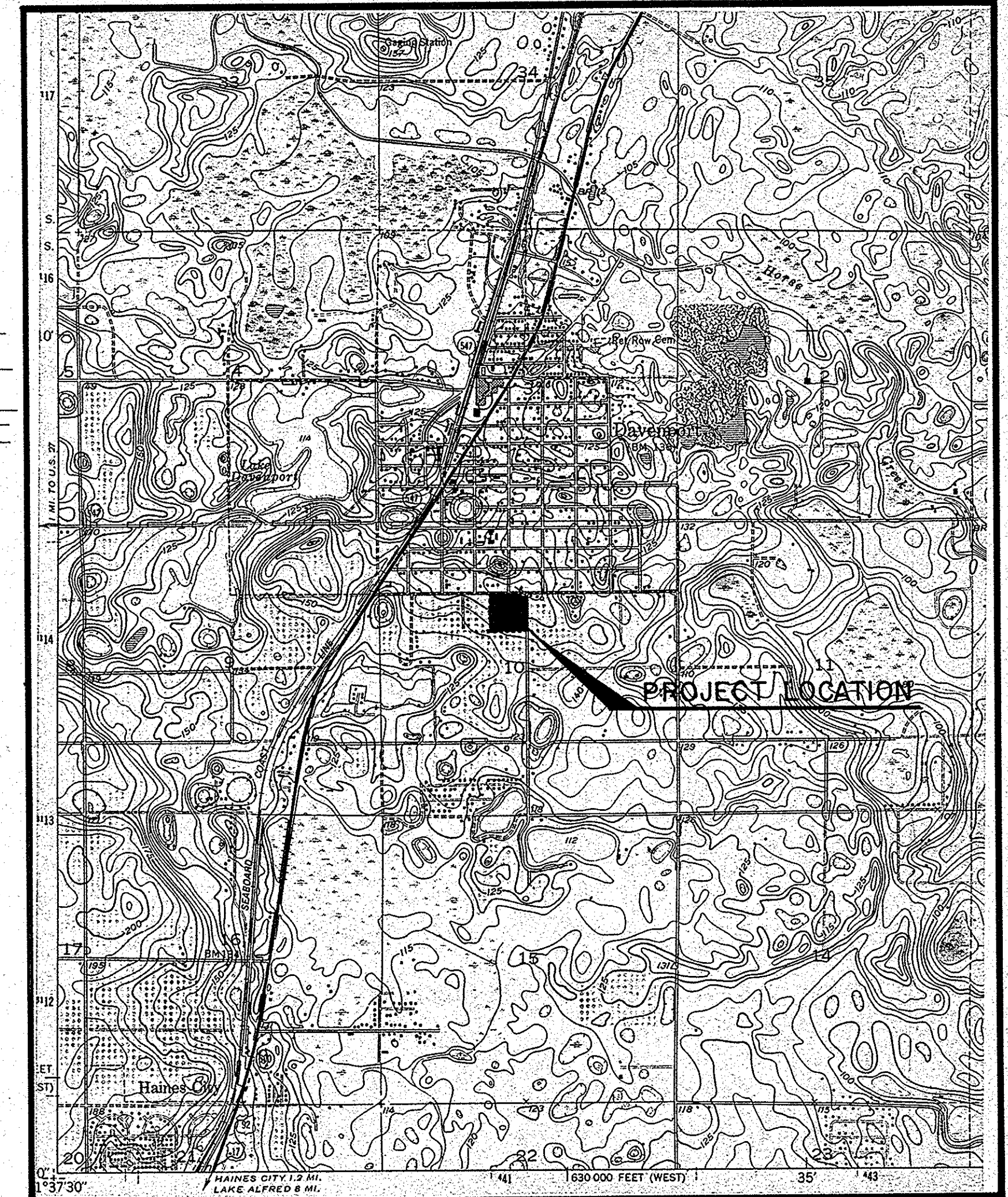


LOCATION MAP

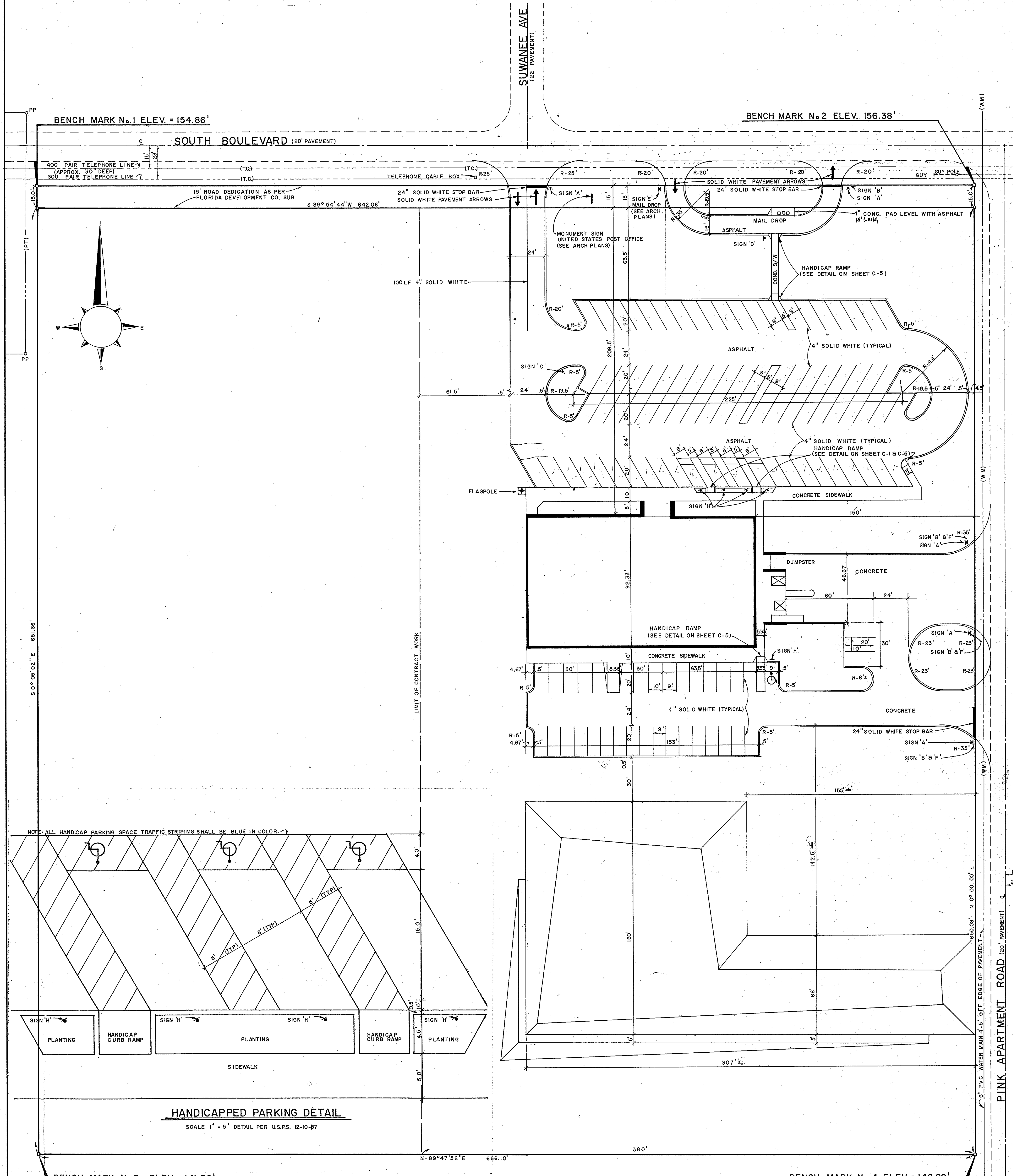
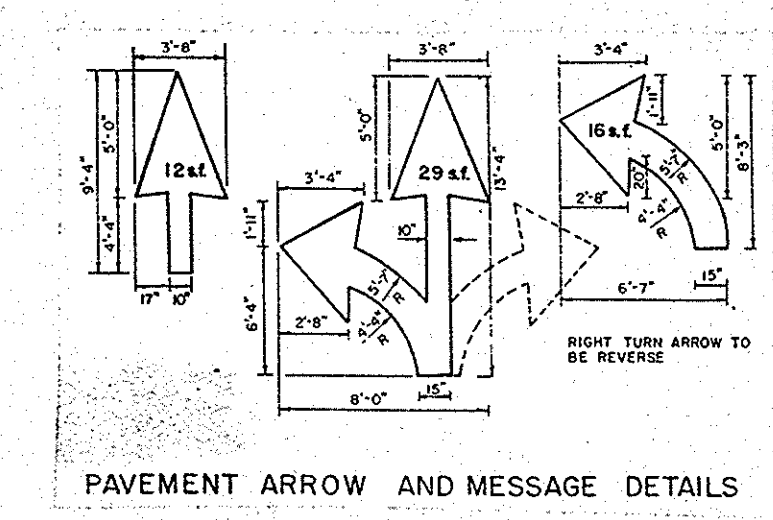
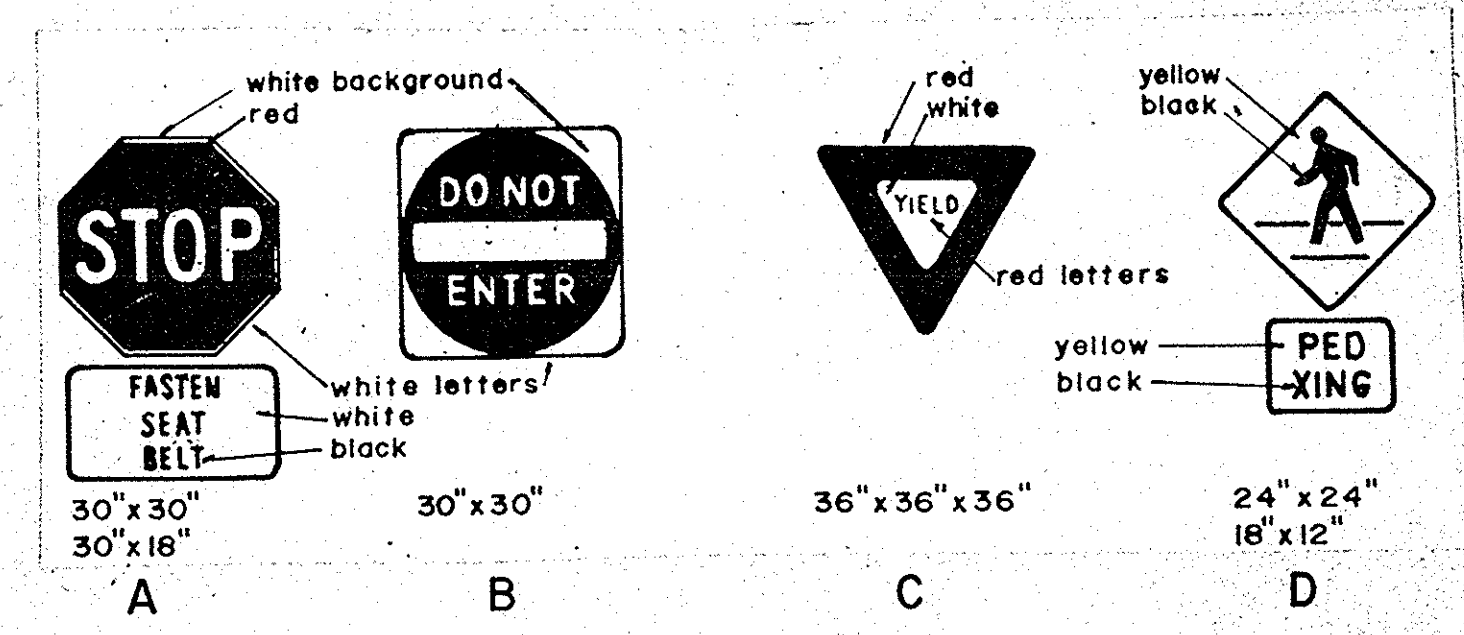
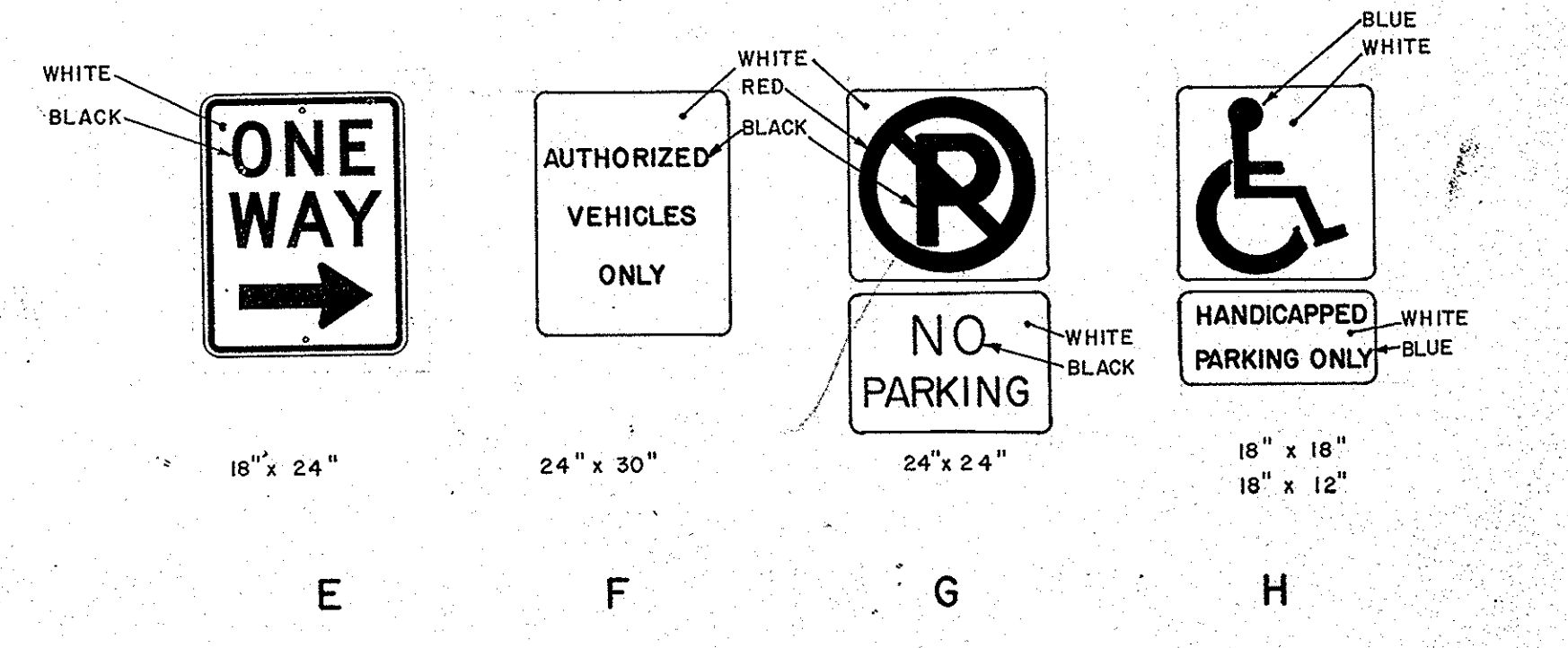
DAVENPORT



- 1) All layout dimensions are to hold to the east and north property lines. Errors are to occur to the west and south.
- 2) All striping (pavement markings) to conform to Section 710 of PDOT specifications.
- 3) All posts to be set in concrete at a minimum depth of 36".
- 4) For further information refer to the manual on uniform traffic control devices, USA Standard Institute's latest edition.
- 5) Signs to be 16-gauge steel or .063 aluminum.
- 6) Sign post to be U-type flanged steel section.



LOCATION MAP  
SCALE 1" = 2000"



HANDICAPPED PARKING DETAIL  
SCALE 1" = 5' DETAIL PER U.S.P.S. 12-10-87

ITEM	ILLUSTRATION
U. G. WATER MAIN (W.M.)	
U. G. TELEPHONE CABLE (T.C.)	
POWER POLE (P.P.)	
EXISTING ELEV. (100)	
EXISTING CONTOUR (100)	
FINISHED ELEV. (100)	
FINISHED CONTOUR (100)	
O. H. POWER & TELE. (P.T.)	

UTILITY COMPANIES	
DAVENPORT CITY MANAGER	422-5975
TELEPHONE - GTE	294-7667
WATER - CITY OF DAVENPORT	422-4410
ELECTRIC - FPC	422-4928
CATV - PARAGON	693-6451

**CALL CANDY 1-800-282-8881**  
48 HOURS BEFORE DIGGING FOR THE LOCATION OF UNDERGROUND UTILITIES.

KEITH AND SCHNARS, P.A.  
ENGINEERS-PLANNERS-SURVEYORS

Henry H. Higginbotham, Jr., P. E.  
HENRY H. HIGGINBOTHAM, JR., P. E.  
FLA. REG. NO. 31977 FOR THE FIRM  
REPRODUCTIONS OF THIS DRAWING ARE NOT VALID UNLESS SIGNED AND EMBOSSED WITH ENGINEER'S SEAL.

REVISIONS

**LAYOUT, STRIPING & SIGNAGE**  
**DAVENPORT POST OFFICE**

**Keith and Schnars** LAKELAND DIVISION  
ENGINEERS - PLANNERS - SURVEYORS

3504 S. Florida Avenue Lakeland, Florida 33803 Tel: 813-646-4771

DATE	9-1-87
SCALE	1" = 30'
FIELD BOOK	NONE
DWN. BY	BSD
CHK. BY	HHHJr.
DWG. NO.	1293-L

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED	LAYOUT, STRIPING AND SIGNAGE
REVISION 1 ISSUED	DAVENPORT MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	DAVENPORT FLORIDA
ISSUED FOR APPROVAL	
ISSUED FOR REVIEW	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY	
DRAWN BY	

**C-1**

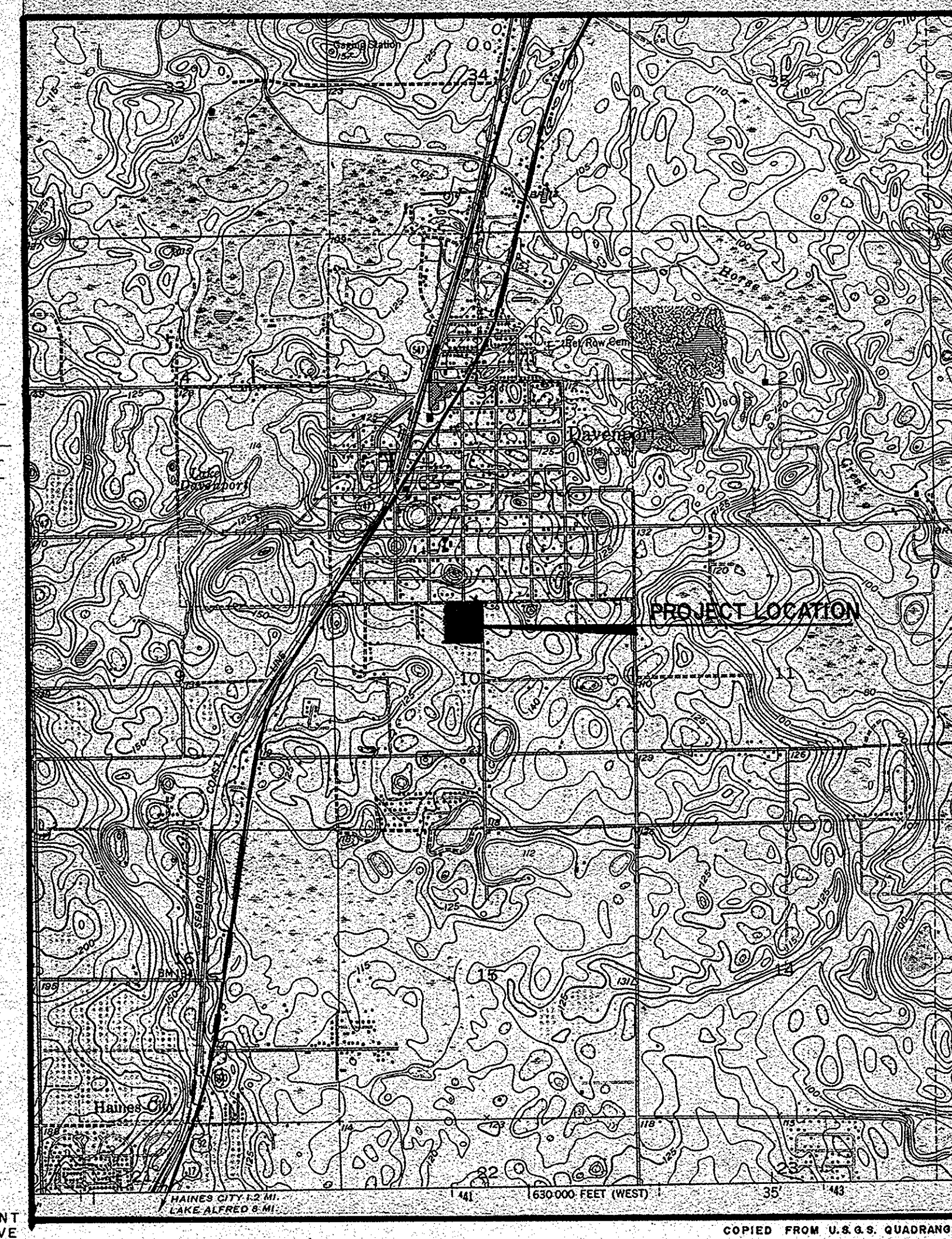


LEGAL DESCRIPTION FURNISHED BY EDWARDS-PANTER

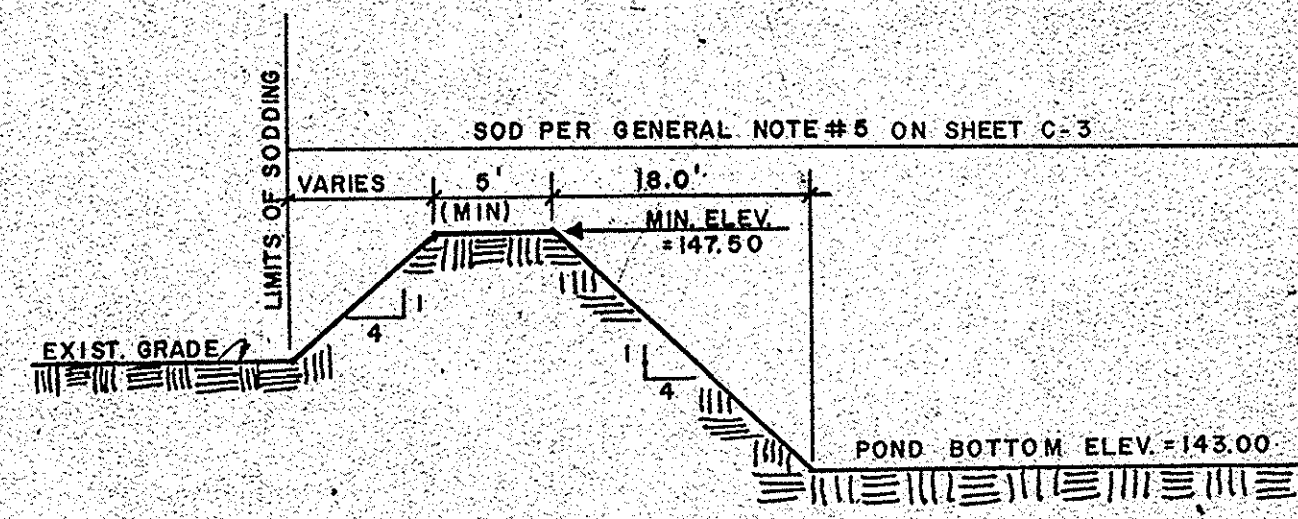
Tracts 23 and 24, in the Northwest 1/4 of Section 10, Township 27S., Range 27E., of MAP OF FLORIDA DEVELOPMENT COMPANY TRACT, less existing road right-of-way, according to the map or plat thereof recorded in Plat Book 3, Pages 60 through 63 of the public records of Polk County, Florida, all more fully described as follows: Begin at the Northeast corner of the Southeast 1/4 of the Northwest 1/4 of Northwest 1/4 of said Tract 23, run thence S-05°02'-E. along the West boundary of said Tract 23 a distance of 666.36 feet to the Southwest corner of said Tract 23, run thence N-89°47'52"-E. along the South boundary of said Tracts 23 and 24 a distance of 666.10 feet to the Southeast corner of said Tract 24, a distance of 665.03 feet to the point of beginning, being subject to road right-of-way dedication by Map of Florida Development Company Tract Plat across the entire North and East 15.0 feet thereof and subject to an additional 10 foot right-of-way easement across the West 10.0 feet of the East 25.0 feet of Tract 24 as granted to County of Polk by easement recorded in O.S. Book 1098, Page 791, of the public records of Polk County, Florida, the above described containing 417,488.94 Sq. feet/9.58 Acres exclusive of right-of ways as described herein.

MAINTENANCE AND OPERATION INSTRUCTIONS FOR STORMWATER FACILITIES FOR DAVENPORT POST OFFICE

- Periodically mow grass within retention ponds. Remove all grass clippings, trash, etc. from these areas.
- At least twice a year, perform the following:
  - Inspect all catch basin and inlet sumps for accumulated sand and debris, and remove excessive build-up.
  - Inspect all rip-rap erosion protection in the retention pond. Repair any scour or erosion damage.
  - Inspect retention pond banks for any stormwater damage, and repair if necessary.



LOCATION MAP  
SCALE 1" = 2000'



SECTION C-C  
N.T.S.

DRAINAGE BASIN DATA

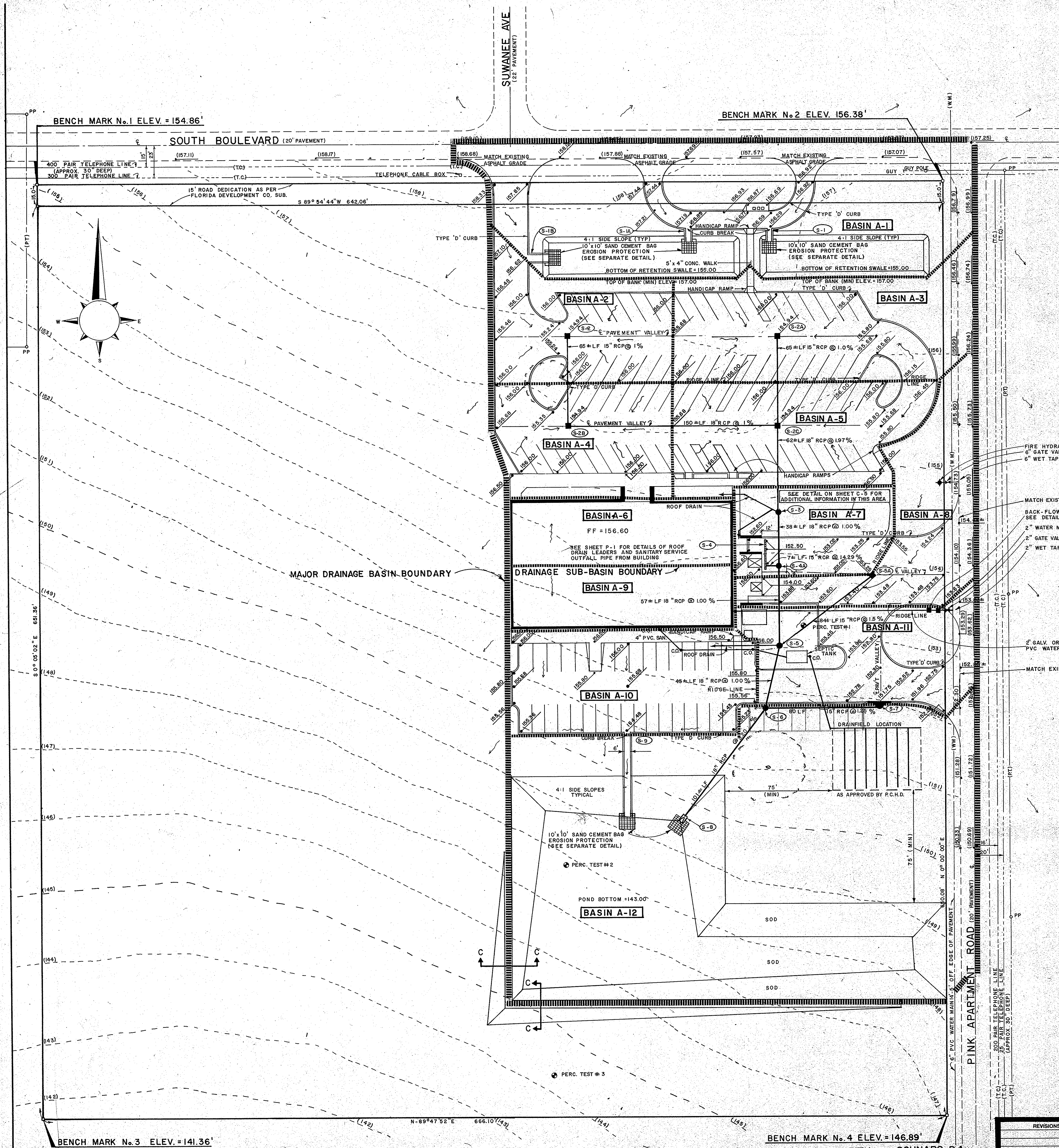
I. Existing Site Conditions:  
Basin "A" = 4.562 Acres (0.207 Ac. imp. (4.5%), 4.355 Ac. perv. (95.5%))

Existing soils on site per the preliminary SCS soils maps indicate Chandler Series Sands. This soil is classified within hydrologic soil group "A", with a water table greater than 6 feet below the surface, and a soil permeability (K) of greater than 20 in/hr (0.000463 Ft/sec).

Soil percolation test results are as follows:  
Perc test #1 =  $K = 4.28 \times 10^{-4}$  Ft/sec  
Perc test #2 =  $K = 3.55 \times 10^{-4}$  Ft/sec  
Perc test #3 =  $K = 5.92 \times 10^{-4}$  Ft/sec

II. Post-Developed Conditions:

Sub-Basin #	Total-Area (Acres)	Pervious Area (Acres)	Impervious Area (Acres)
A-1	0.720	0.512	0.208
A-2	0.230	0.023	0.207
A-3	0.367	0.104	0.263
A-4	0.235	0.019	0.216
A-5	0.292	0.016	0.276
A-6	0.162	0.000	0.162
A-7	0.148	0.091	0.057
A-8	0.280	0.093	0.187
A-9	0.162	0.000	0.162
A-10	0.293	0.000	0.293
A-11	0.252	0.098	0.154
Sub-Totals	3.141	2.185	0.956
		$\times 0.2$	$\times 0.9$
		0.191	1.967
			Weighted "c" Factor = .687
A-12	1.421	1.410	0.011
GRAND-TOTALS	4.562	2.366	2.196



NOTE: ALL EXISTING FEATURES AND BENCHMARKS SHOWN HEREON, ARE FROM A SURVEY AND DRAWING BY EDWARDS-PANTER SURVEYING & ENGINEERING INC. PLS No. 2703, JOB No. 26300 DATED AUG. 10, 1987. THIS DATA IS NOT CERTIFIED BY KEITH & SCHNARS.

ITEM	ILLUSTRATION
U.G. WATER MAIN	(W.M.)
U.G. TELEPHONE CABLE	(T.C.)
POWER POLE	(P.P.)
EXISTING ELEV.	(100)
EXISTING CONTOUR	(100)
FINISHED ELEV.	100
FINISHED CONTOUR	100
O.H. POWER & TELE.	(P.T.)

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 DAVENPORT CITY MANAGER 422-5975  
 TELEPHONE - GTE 294-7667  
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 ELECTRIC - FPC 422-4928  
 CATV - PARAGON 683-6451

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 ENGINEERS-PLANNERS-SURVEYORS  
 HENRY H. HIGGINBOTHAM, JR. P.E.  
 FLA. REG. NO. 31977 FOR THE FIRM  
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REVISIONS

S.W.F.W.M.D. DATA MAP  
**DAVENPORT POST OFFICE**  
 LAKELAND DIVISION  
**Keith and Schnars**  
 ENGINEERS - PLANNERS - SURVEYORS  
 3504 S. Florida Avenue Lakeland, Florida 33805 Tel: 813-646-4771

DATE 10-14-87  
 SCALE 1" = 30'  
 FIELD BOOK NONE  
 DWN. BY BSD  
 CKD. BY HHHJr.  
 DWG. NO. 1293-L

UNITED STATES POSTAL SERVICE  
 FACILITIES SERVICE OFFICE  
 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020

REVISION #	ISSUED	FOR
1	ISSUED	PAVING, GRADING, DRAINAGE & UTILITY PLAN
2	ISSUED	DAVENPORT MAIN POST OFFICE
3	ISSUED FOR CONSTRUCTION	DAVENPORT FLORIDA
4	ISSUED FOR APPROVAL	
5	ISSUED FOR REVIEW	
6	APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
7	CHECKED BY	41 LAKE MORTON DRIVE, LAKELAND, FLORIDA 33801 (813) 683-1412
8	DRAWN BY	

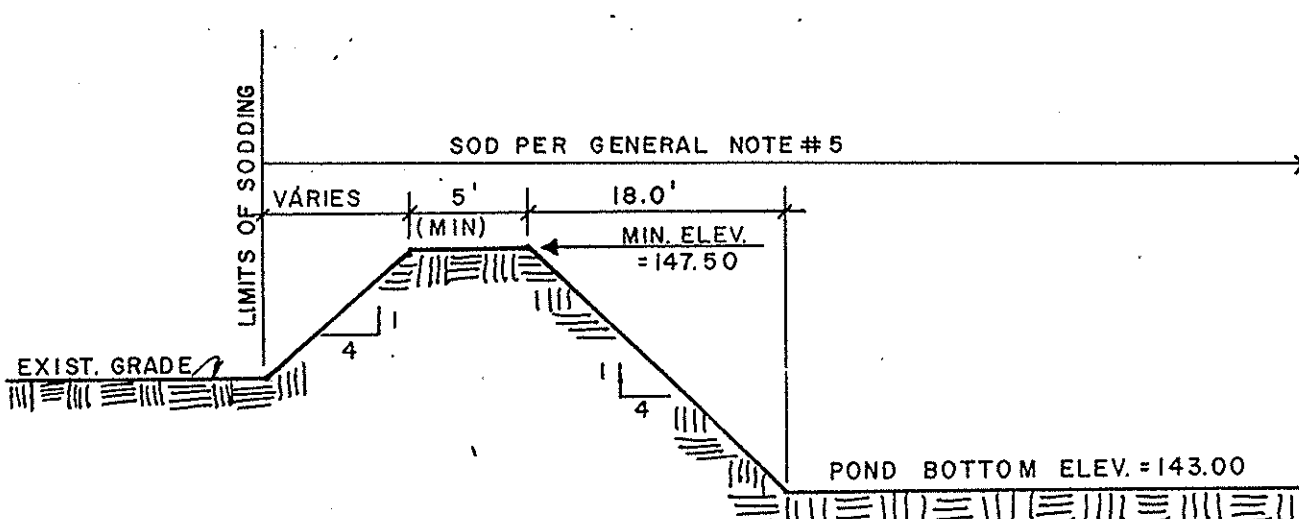
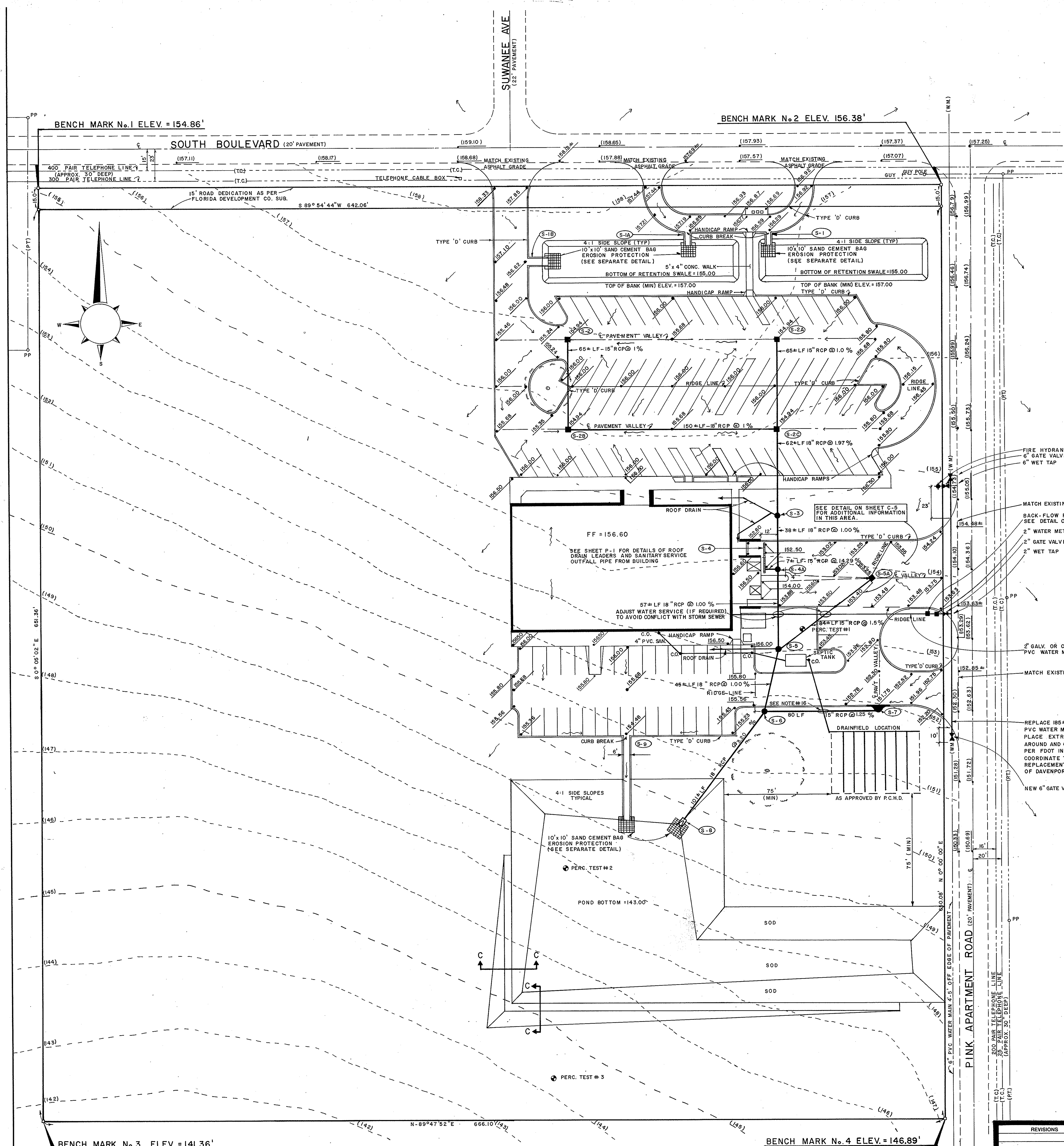
**C-2**  
8721



DRAINAGE STRUCTURE SUMMARY  
For Davenport Post Office

STRUCT. #	TYPE OF STRUCTURE	FDOT INDEX #	GRATE, RIM, OR E.O.P. ELEVATION	INVERTS	REMARKS
S-1	Concrete Flume	-	N= 156.29 S= 155.00	-	See separate Detail on Sheet C-5
S-1A	Concrete Flume	-	N= 156.89 S= 155.00	-	See separate Detail on Sheet C-5
S-1B	Concrete Flume	-	N= 156.62 S= 155.00	-	See separate Detail on Sheet C-5
S-2	Type "F" DBI	233	154.94	S= 151.00	
S-2A	Type "F" DBI	233	154.94	S= 151.00	
S-2B	Type "F" DBI	233	154.94	N= 150.35 W= 148.85 S= 148.85	
S-2C	Type "F" DBI	233	154.94	N= 150.35 W= 148.85 S= 148.85	
S-3	P-7-NT Manhole	200 and 201	154.75 ± (Match finished grade)	N= 147.63 S= 147.63 E= 149.25	
S-4	Trench Drain	-	152.50	E= 150.00	See separate detail on Sheet C-5
S-4A	Type J-7-T Manhole	200 and 201	152.62 ± (Match finished pavement elevation)	N= 147.25 S= 147.25 W= 149.00	
S-5	Type P-7-NT Manhole	200 and 201	155.00 ± (Match finished grade)	N= 146.68 S= 146.68 NE= 148.04	
S-5A	Type "F" DBI	233	153.25	SW= 149.30	
S-6	P-7-NT Manhole	200 and 201	156.00 ± (Match finished grade)	N= 146.23 S= 146.23 E= 147.00	
S-7	P-2 Inlet	200 and 210	151.75	W= 148.00	
S-8	U-Type concrete endwall with Baffle	261	-	NE= 143.00	
S-9	Concrete Flume	-	N= 154.48 S= 143.00	-	See separate Detail on Sheet C-5

- MAINTENANCE AND OPERATION INSTRUCTIONS FOR STORMWATER FACILITIES FOR DAVENPORT POST OFFICE
- Periodically mow grass within retention ponds. Remove all grass clippings, trash, etc. from these areas.
  - At least twice a year, perform the following:
    - Inspect all catch basin and inlet sumps for accumulated sand and debris, and remove excessive build-up.
    - Inspect all rip-rap erosion protection in the retention pond. Repair any scour or erosion damage.
    - Inspect retention pond banks for any stormwater damage, and repair if necessary.
- GENERAL NOTES
- See existing site condition plan for additional information.
  - Unless otherwise noted on these plans, or specifications, all construction methods, materials, and testing are to conform to the 1986 edition of the Florida Department of Transportation's "Standard Specifications for Road and Bridge Construction", its current supplements, and standard index drawings.
  - Pavement specifications for new parking lot.
    - 12" Type "B" stabilization, LBR = 40 (Min) PDOT Section 160
    - 6" Limestone base compacted to 98% AASHTO T-180 PDOT Section 200. Primed at 0.10 gal/sy, PDOT Section 300
    - 1-1/2" Type S-1 Asphalt, PDOT Section 331
  - All concrete pavement shown on this drawing shall be 6" (min.) thickness. See Section 232 of the contract specifications for additional information.
  - All disturbed sodded areas and new construction to be resodded with St. Augustine sod per PDOT Section 575. Sod to be free from any clay materials.
  - All practical and necessary effort shall be taken during construction to control and prevent erosion and transport of sediments to surface drains, surface waters, or onto adjacent properties. Revegetation and stabilization of disturbed ground surfaces should be accomplished as rapidly as possible to prevent erosion from occurring and reduce the sediment load in discharge water. Contractor to field verify all existing utilities prior to construction.
  - PVC pipe for sanitary sewer gravity lines shall conform to ASTM Specification D-3034 and have an SDR of 35. The pipe shall have push-on joints also conforming to ASTM Specification D-3212. All sanitary sewer items are to be guaranteed for 12 months after final acceptance by the United States Parcel Service.
  - Materials and workmanship on improvements accepted by the City are required to be warranted for a period of 12 months from the date of acceptance.
  - All drainage inlets, grates, or manholes shall have a 12" sump. See detail on sheet C-4.
  - Unless otherwise noted on the plans or drainage structure summary, match all grate and rim elevations with finished asphalt, concrete, or earthwork grades.
  - All inverts on sanitary or storm sewer pipes shall be within 0.10 feet vertically of the design grade. All pipe inverts and spot pavement elevations will be field verified after construction by the engineer. The contractor shall replace and/or repair any items exceeding the specified tolerances.
  - All internal parking lot and driveway pavement edges will be bordered with Type "D" curb. Type "D" curb details are located on sheet C-5.
  - The contractor is to final grade and hand rake all exposed earthwork areas immediately prior to the installation of sod and/or landscaping. See contract specifications for earthwork grade tolerance requirements.
  - See special detail on Sheet C-4 for angle iron seat requirements on Type "F" ditch bottom inlets.
  - Data at crossing of 6" PVC over 15" RCP between storm structures # S-6 and # S-7.
    - Inv. of 15" RCP = 147.44 ±
    - Top of pipe of 6" RCP = 148.88 ±
    - Approx. invert of 6" PVC = 150.51 ±
    - (Assuming 30" min. cover under edge of pavement)
    - Clearance = 1.6' ±
  - See sheet C-5 for details of handicap ramps (FDOT index #304).



SECTION C-C  
N.T.S.

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 ENGINEERS-PLANNERS-SURVEYORS

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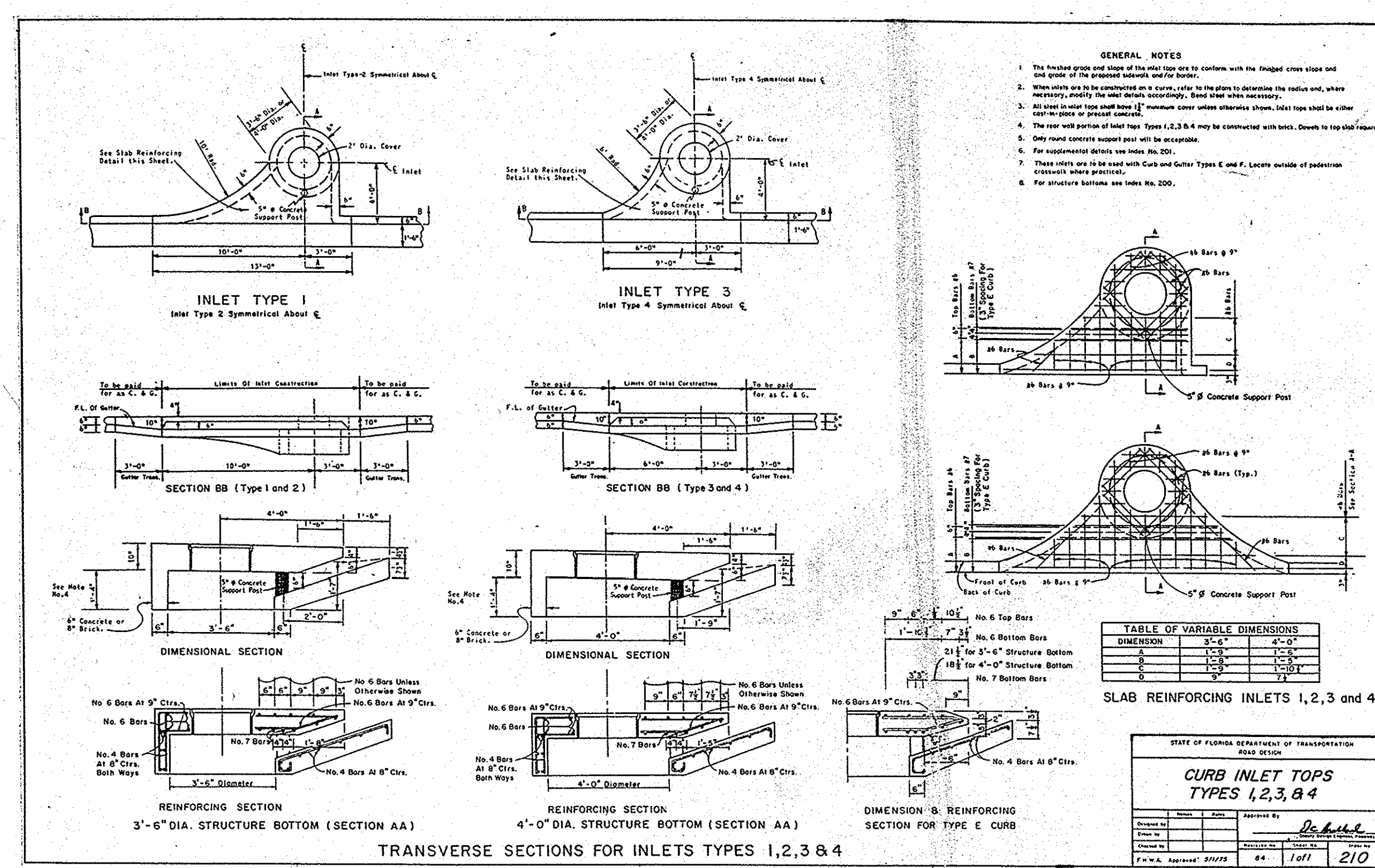
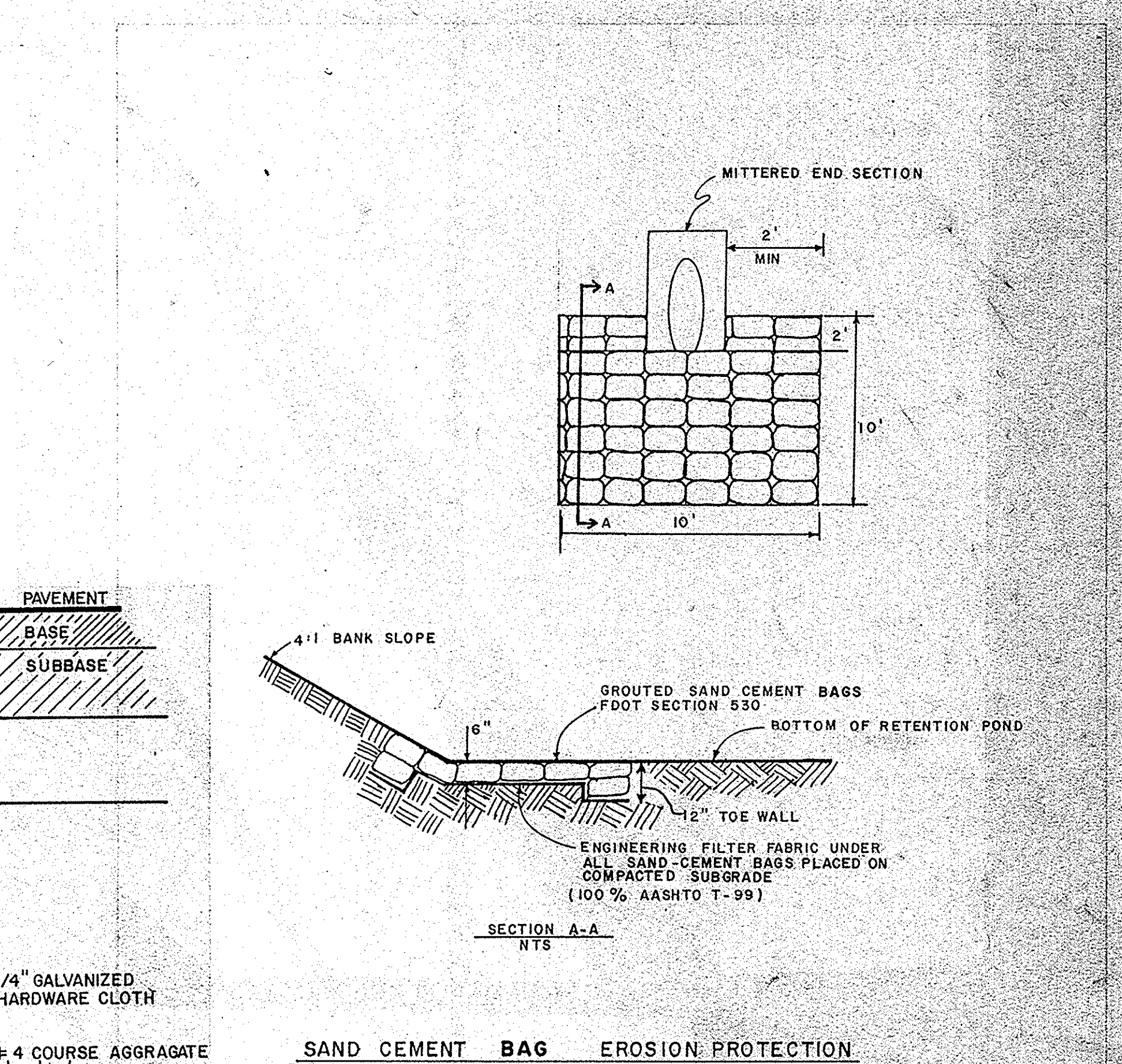
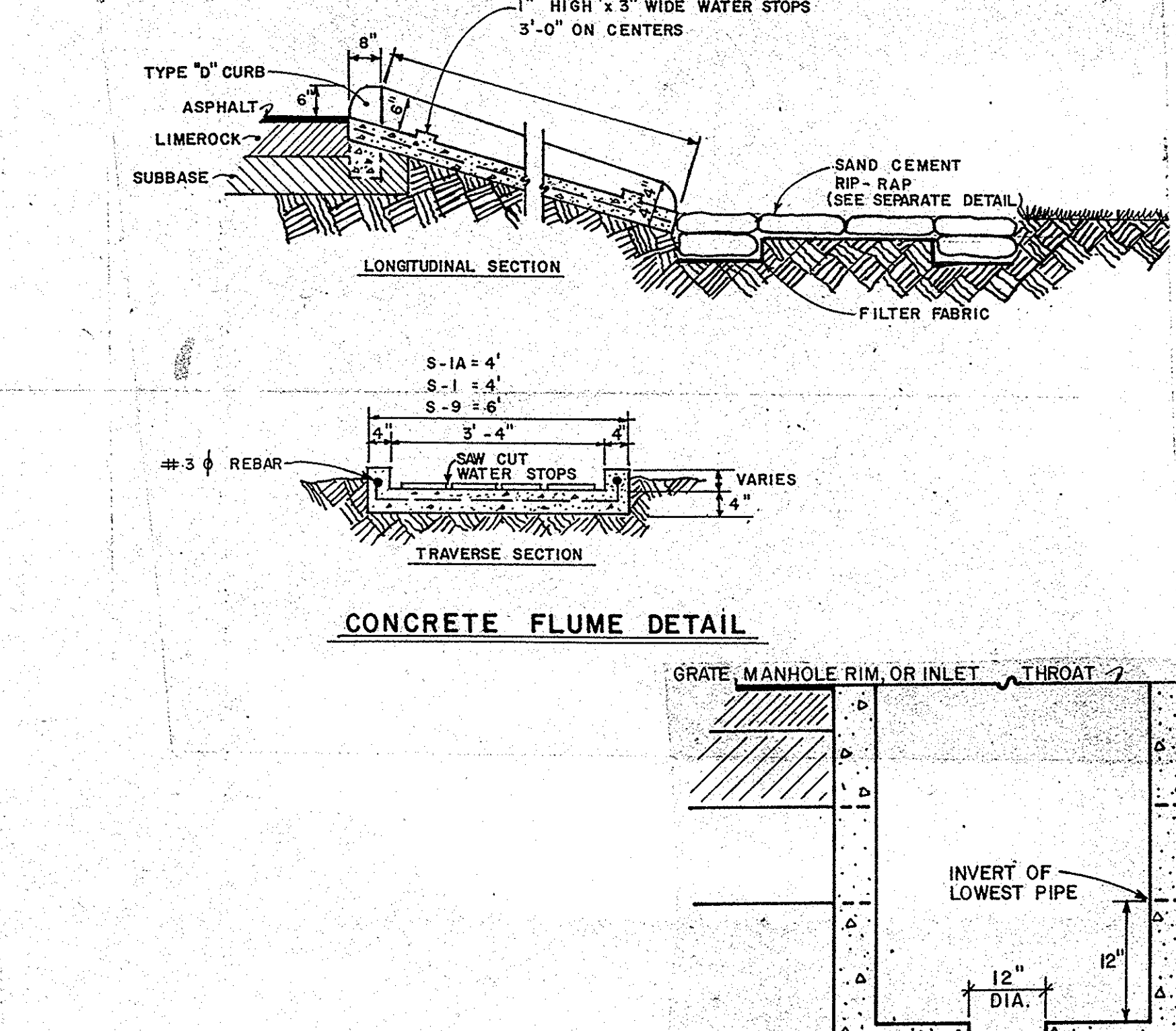
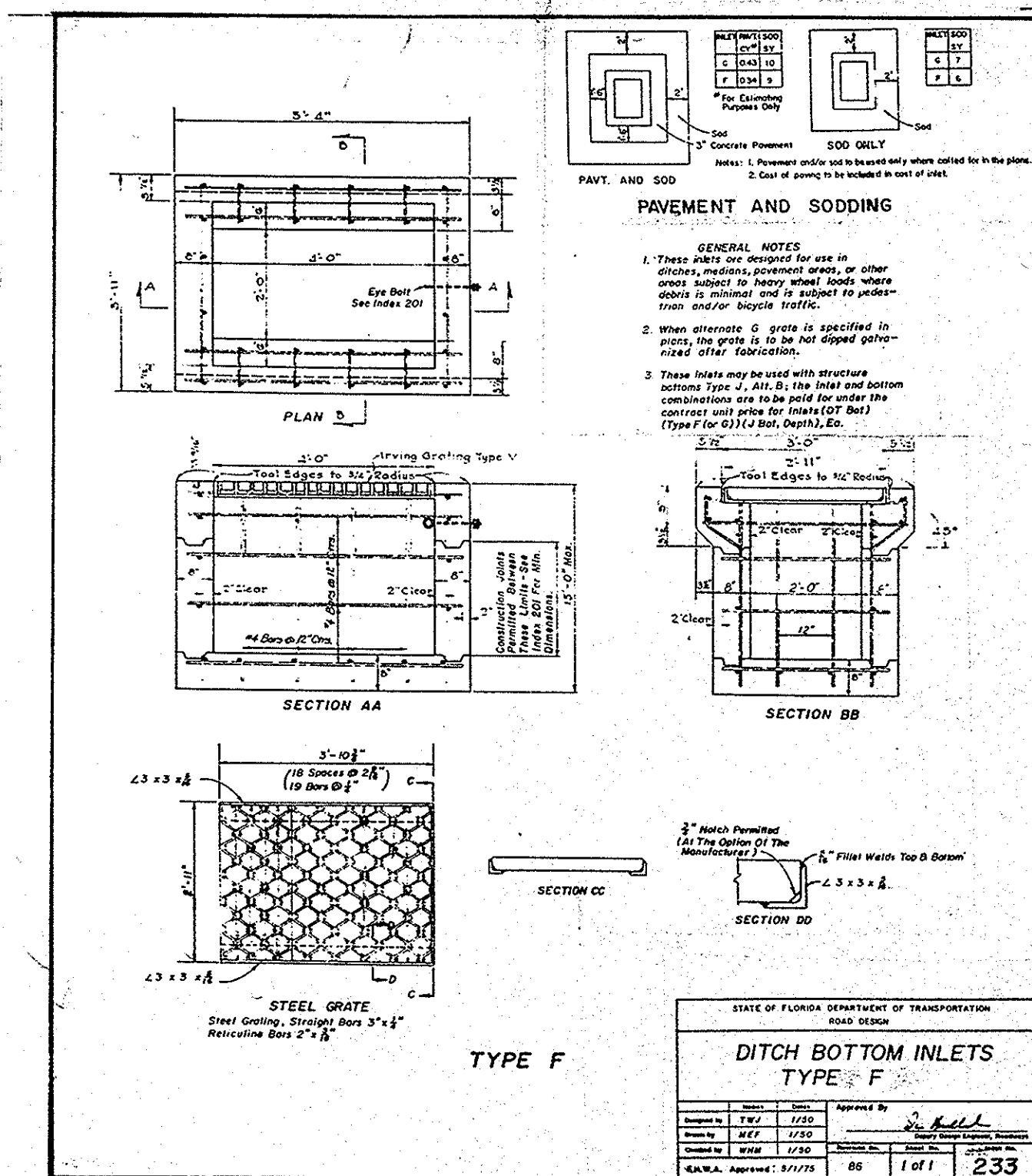
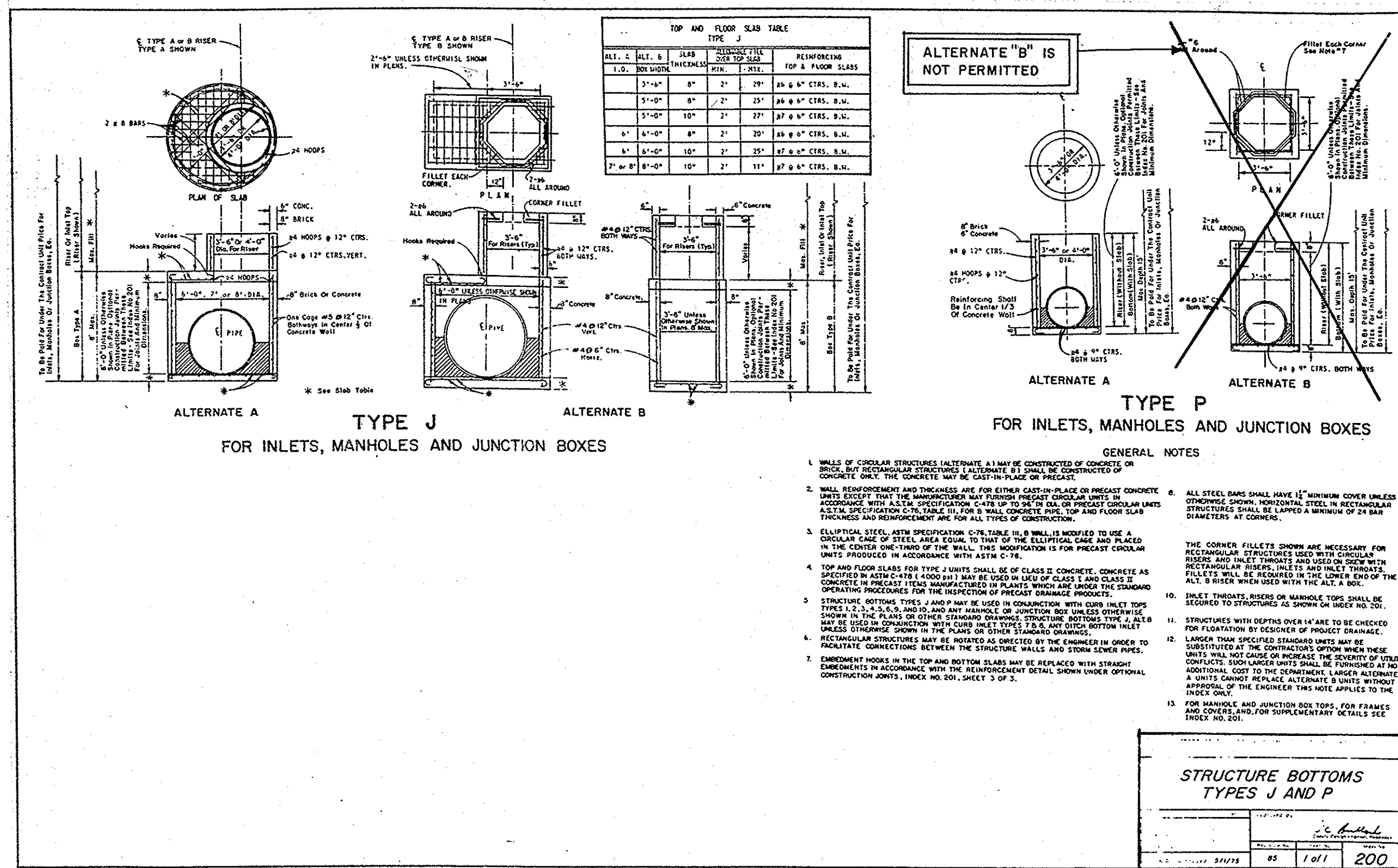
UNITED STATES POSTAL SERVICE  
 FACILITIES SERVICE OFFICE  
 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED PAVING, GRADING, DRAINAGE & UTILITY PLAN  
 REVISION 1 ISSUED DAVENPORT MAIN POST OFFICE  
 ISSUED FOR CONSTRUCTION DAVENPORT FLORIDA  
 APPROVAL ISSUED FOR APPROVAL  
 APPROVED BY [Signature]  
 CHECKED BY [Signature]  
 DRAWN BY [Signature]

Lunz and Associates, Inc.  
 ARCHITECTS  
 44 LAKE MORTON DRIVE  
 LAKELAND, FLORIDA 33801 (813) 682-1882

**C-3**  
 8721

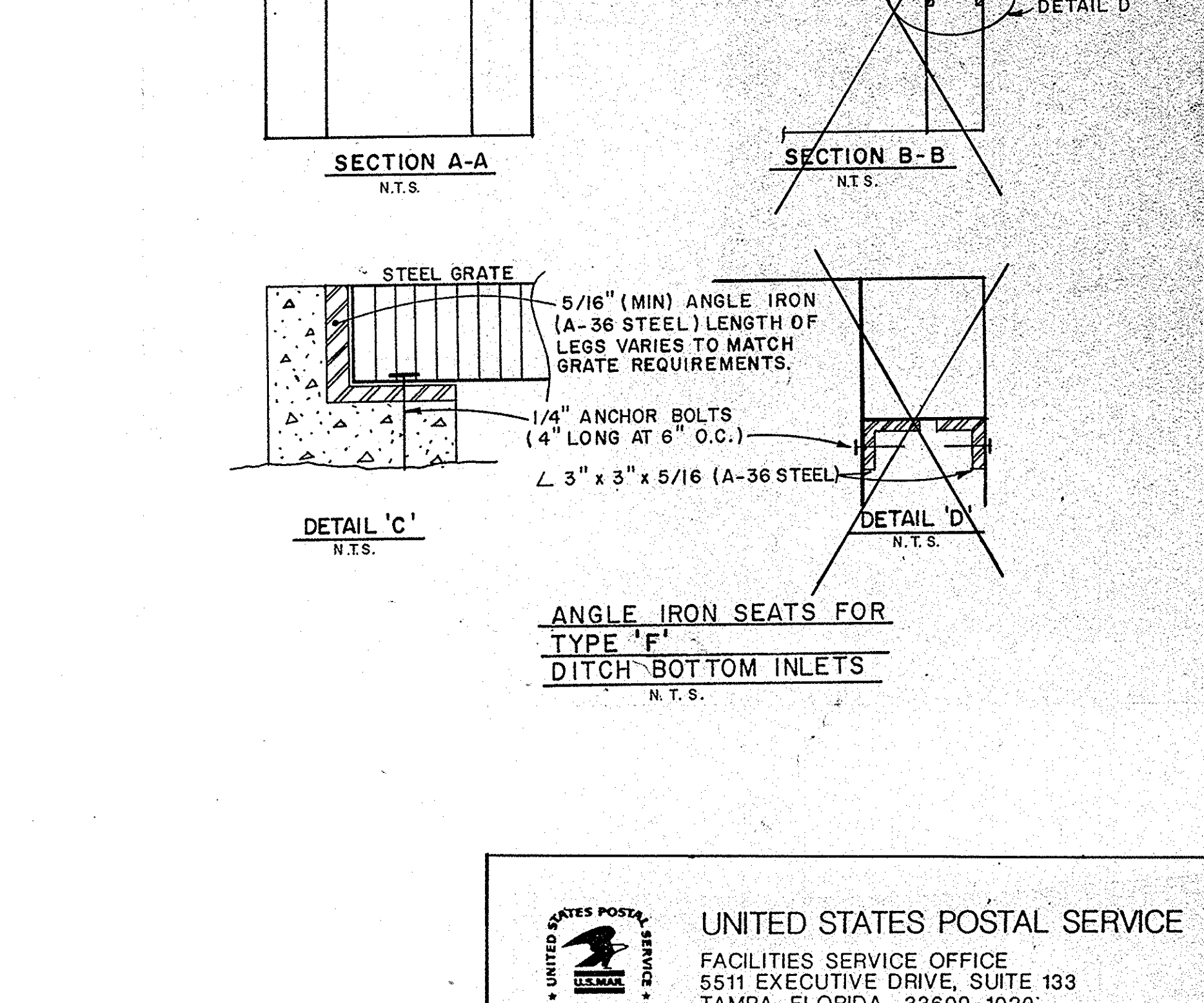
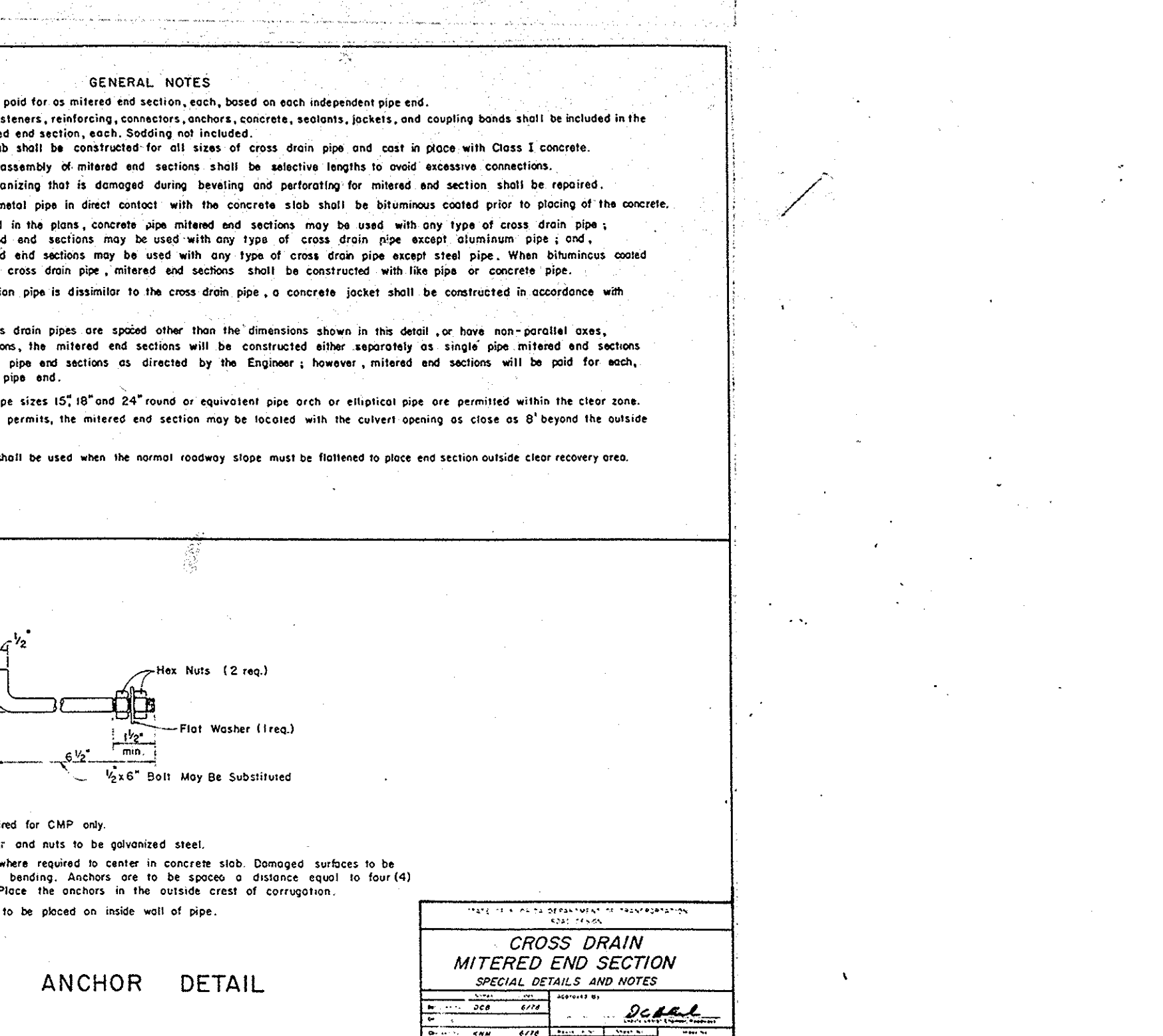
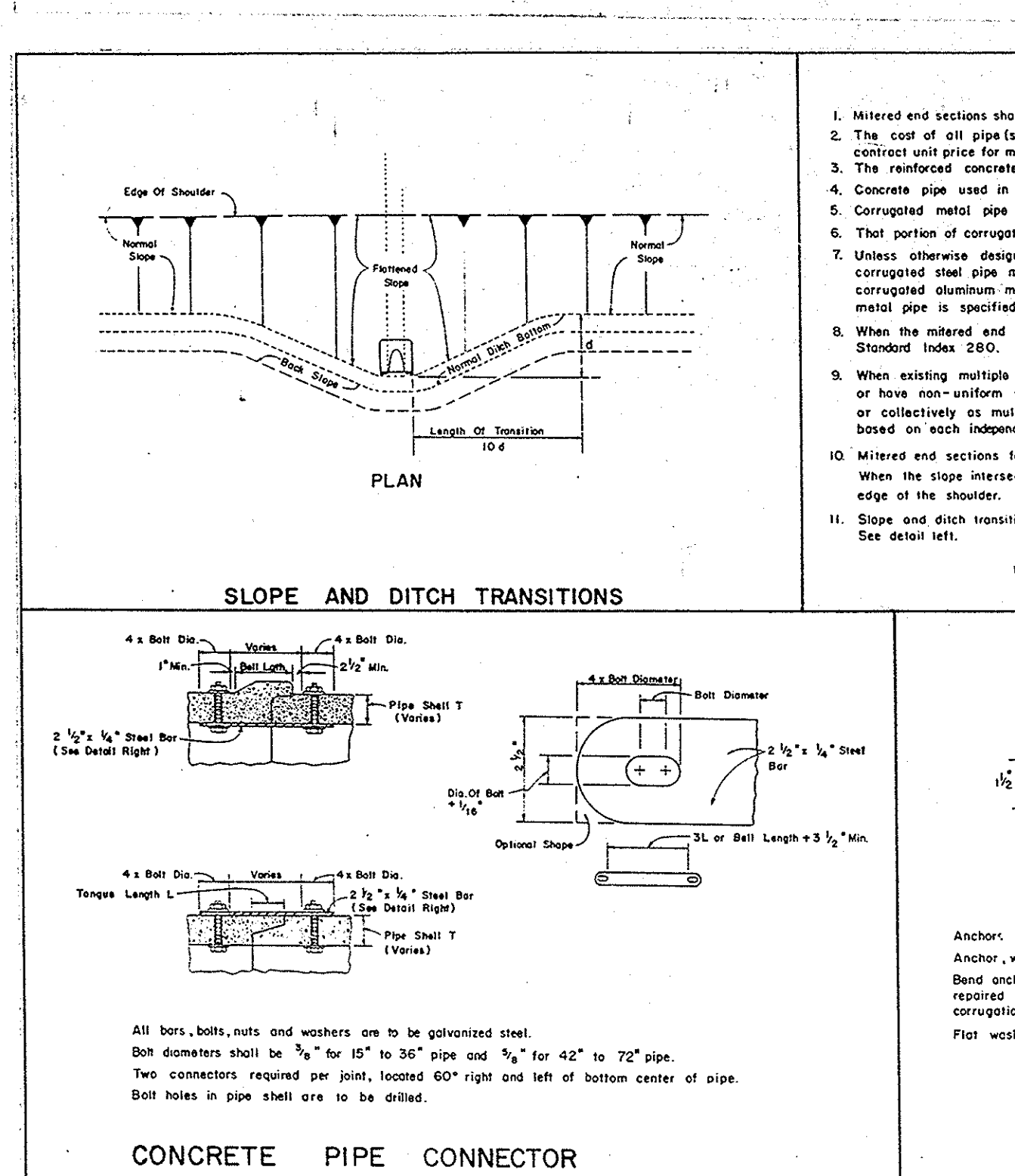
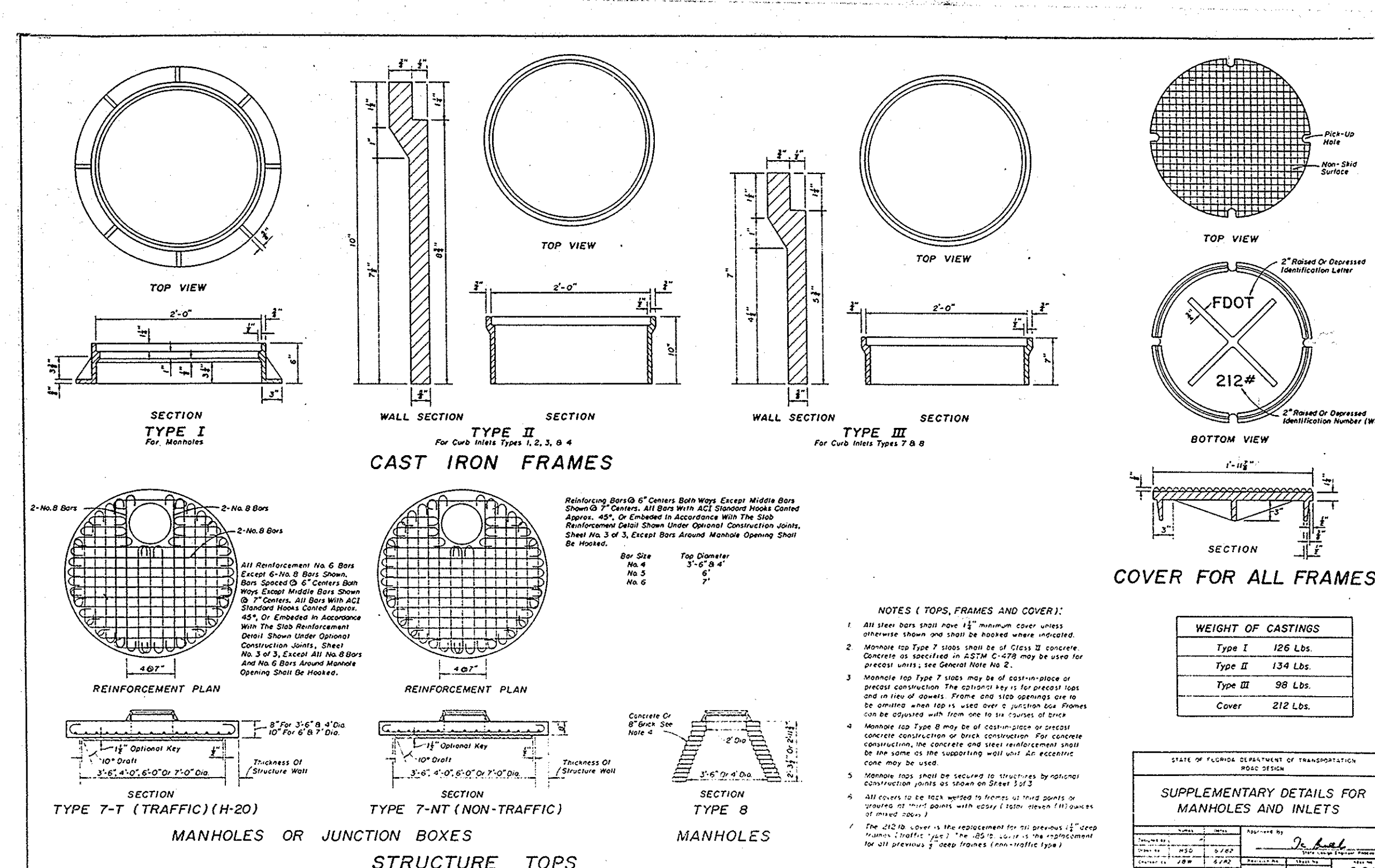
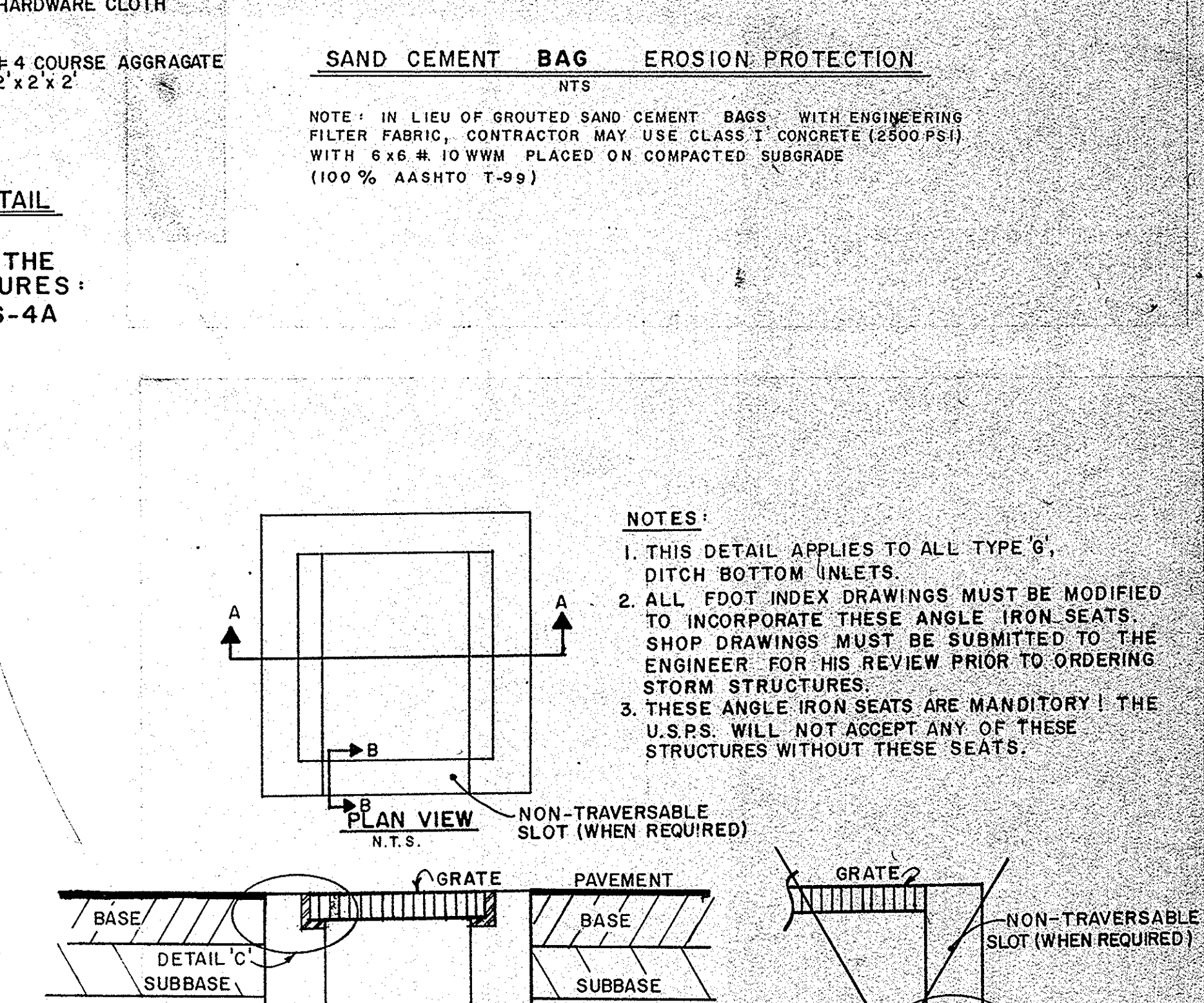
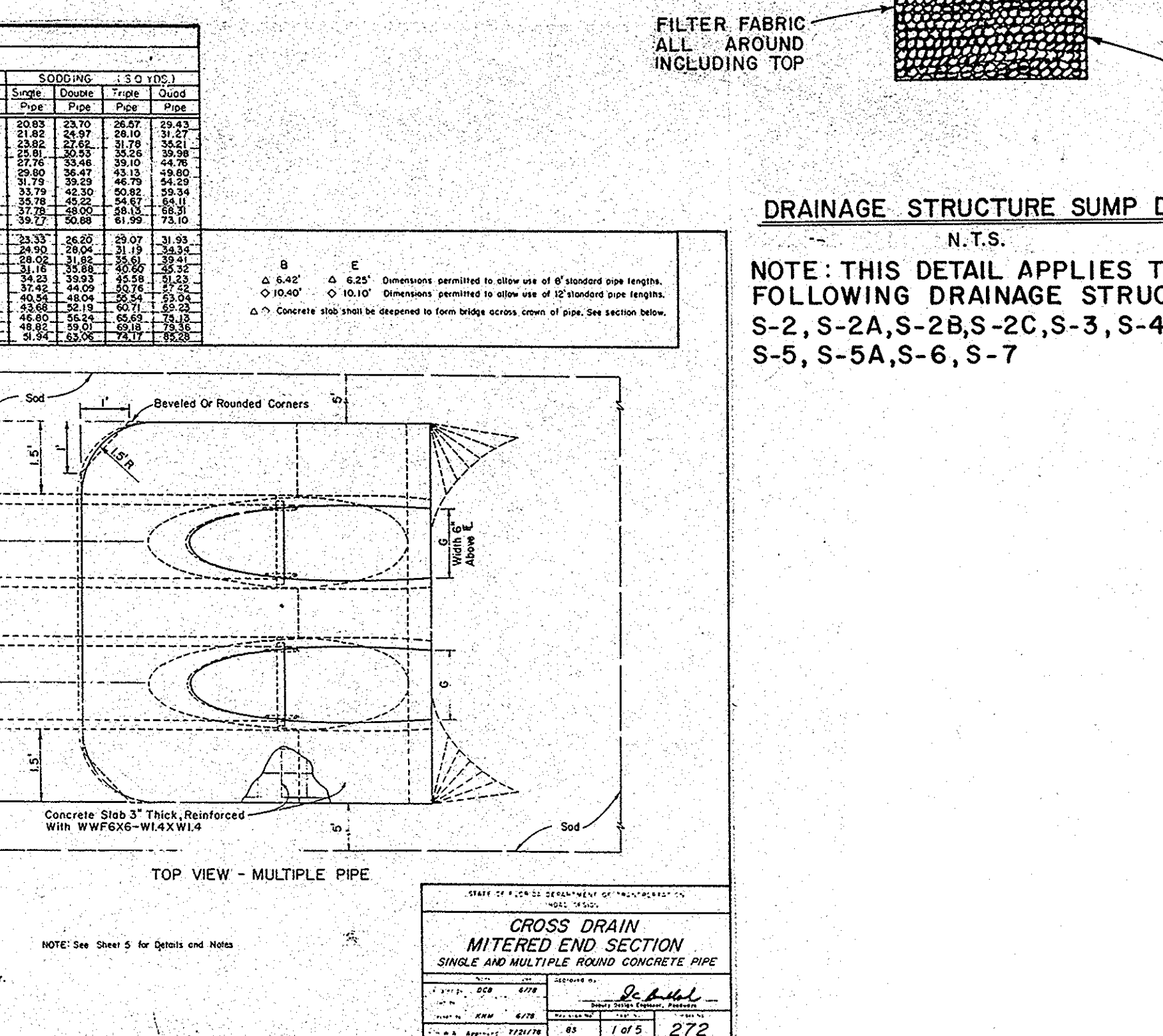




**DIMENSIONS AND QUANTITIES**

NO.	DESCRIPTION	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT
1	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
2	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
3	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
4	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
5	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
6	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
7	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
8	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
9	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
10	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
11	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
12	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
13	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
14	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
15	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
16	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
17	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON
18	GRAVEL	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
19	CONCRETE	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD	1.00	CU YD
20	STEEL REBAR	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON	1.00	TON

DATE: 10/1/87  
DRAWN BY: J.S.  
CHECKED BY: J.S.  
SCALE: 1/8" = 1'-0"



CALL CANDY 1-800-282-8881  
48 HOURS BEFORE DIGGING FOR THE LOCATION OF UNDERGROUND UTILITIES.

KEITH AND SCHNARS, P.A.  
ENGINEERS-PLANNERS-SURVEYORS

Henry H. Higginbotham, Jr., P.E.  
FLA. REG. NO. 31977 FOR THE FIRM  
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REVISIONS

MISCELLANEOUS DETAILS  
**DAVENPORT POST OFFICE**

Keith and Schnars  
ENGINEERS - PLANNERS - SURVEYORS

DATE: 9-16-87  
SCALE: N.T.S.  
FIELD BOOK: NONE  
DWN. BY: BSD  
CHK. BY: HHJ  
DWG. NO.: 1293-L

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

MISCELLANEOUS DETAILS

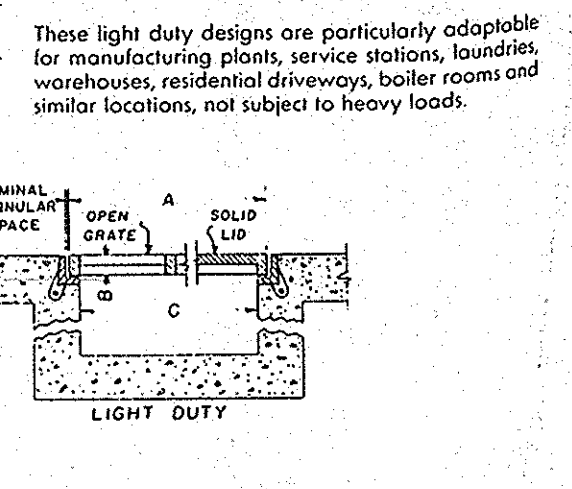
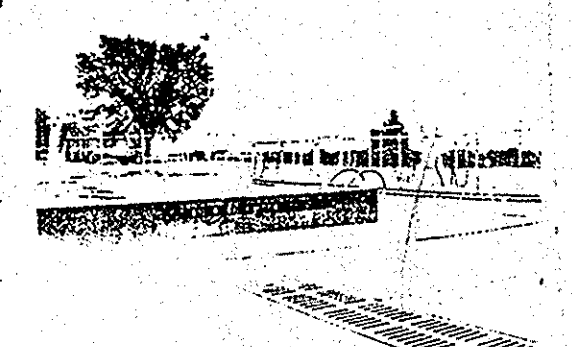
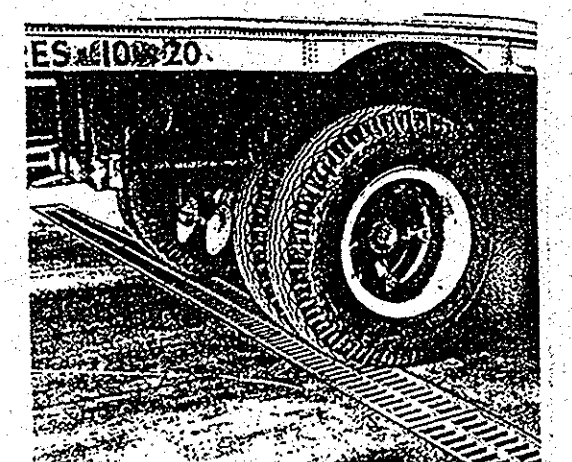
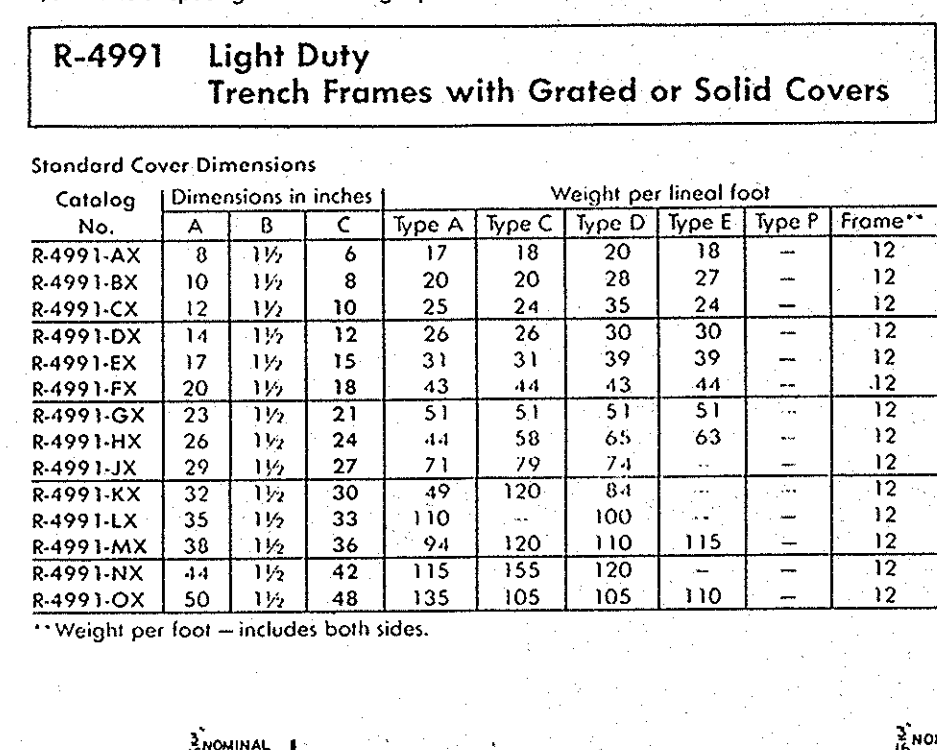
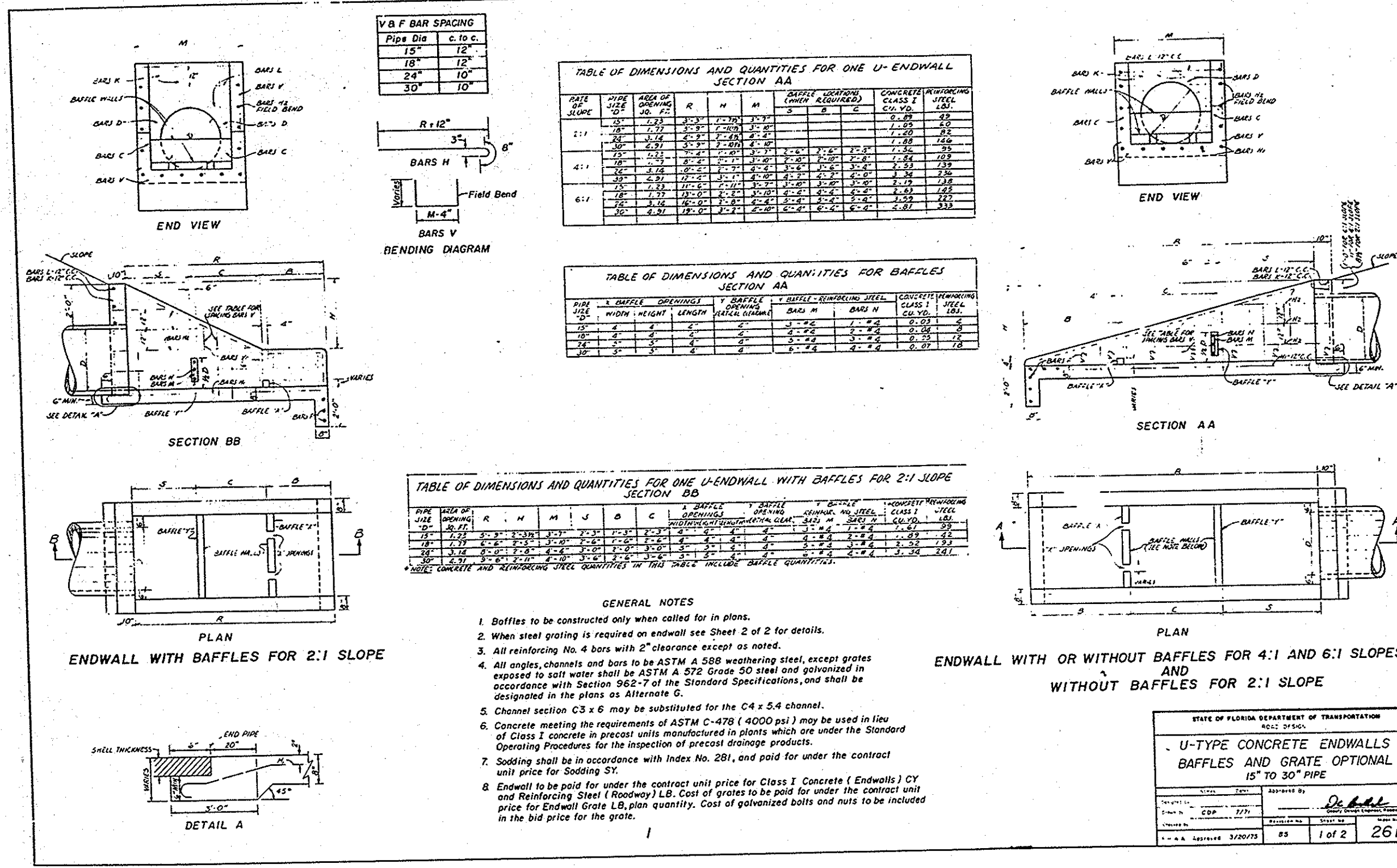
REVISION 2 ISSUED	DAVENPORT MAIN POST OFFICE	FLORIDA
REVISION 1 ISSUED	DAVENPORT	FLORIDA
ISSUED FOR CONSTRUCTION	Lunz and Associates, Inc.	ARCHITECTS
ISSUED FOR APPROVAL		
ISSUED FOR REVIEW		
APPROVED BY		
CHECKED BY		
DRAWN BY		

C-4

44 LAKE MORTON DRIVE  
LAKELAND, FLORIDA 33801 (813) 662-1882

8721





Read Carefully Before Ordering

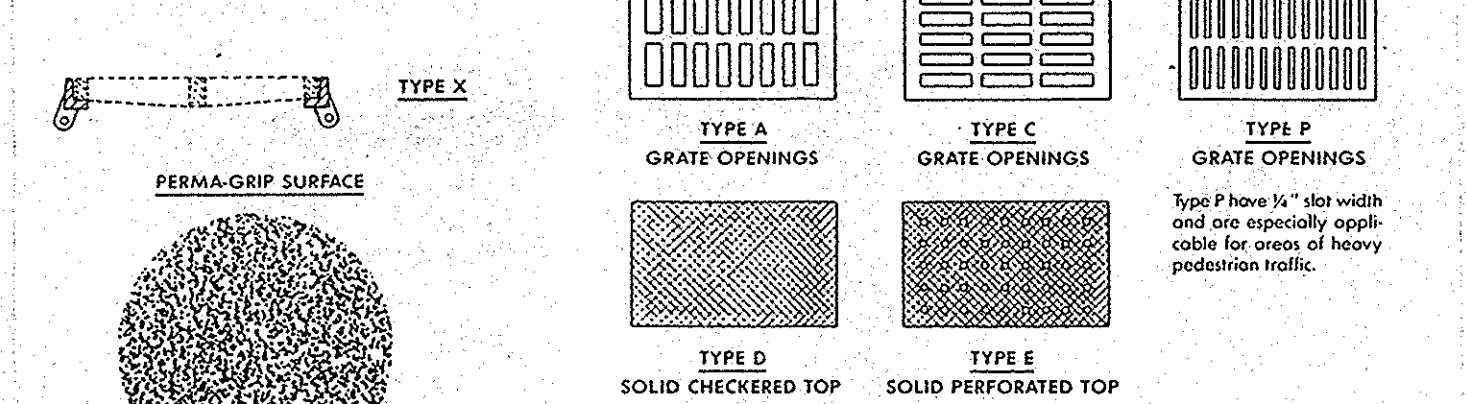
The various standard trench drains shown here are available with a number of alternates illustrated below. It is important to specify all of the variables carefully and specify fully your requirements. Your order will be entered correctly and promptly, if it includes the information:

Specify:

1. Complete catalog number.
2. Frame and pieces, when required.
3. Type of grate or lid, A, C, D, E or R.
4. Length of trench.
5. Special painting requirements other than asphalt coating.
6. PERMA-GREP surface if required.
7. When extremely heavy loading is expected, such as concentrated loads, heavy aircraft, etc., reduction may be necessary, depending on the type and size selected.
8. Ductile Iron frames and/or Ductile Iron grates.
9. Special dimensions, such as changes in trench direction, etc. Send details.
10. Frames or lid handles if required.
11. If trench drain covers are to be installed in bicycle traffic areas, please advise so that safety standards can be applied.

**Standard Support Frame**

Frames manufactured in standard maximum lengths of 36". Fractional frame sections can be furnished to produce a trench drain of any overall length. When necessary, frames can be closed at ends by specifying end frame sections.



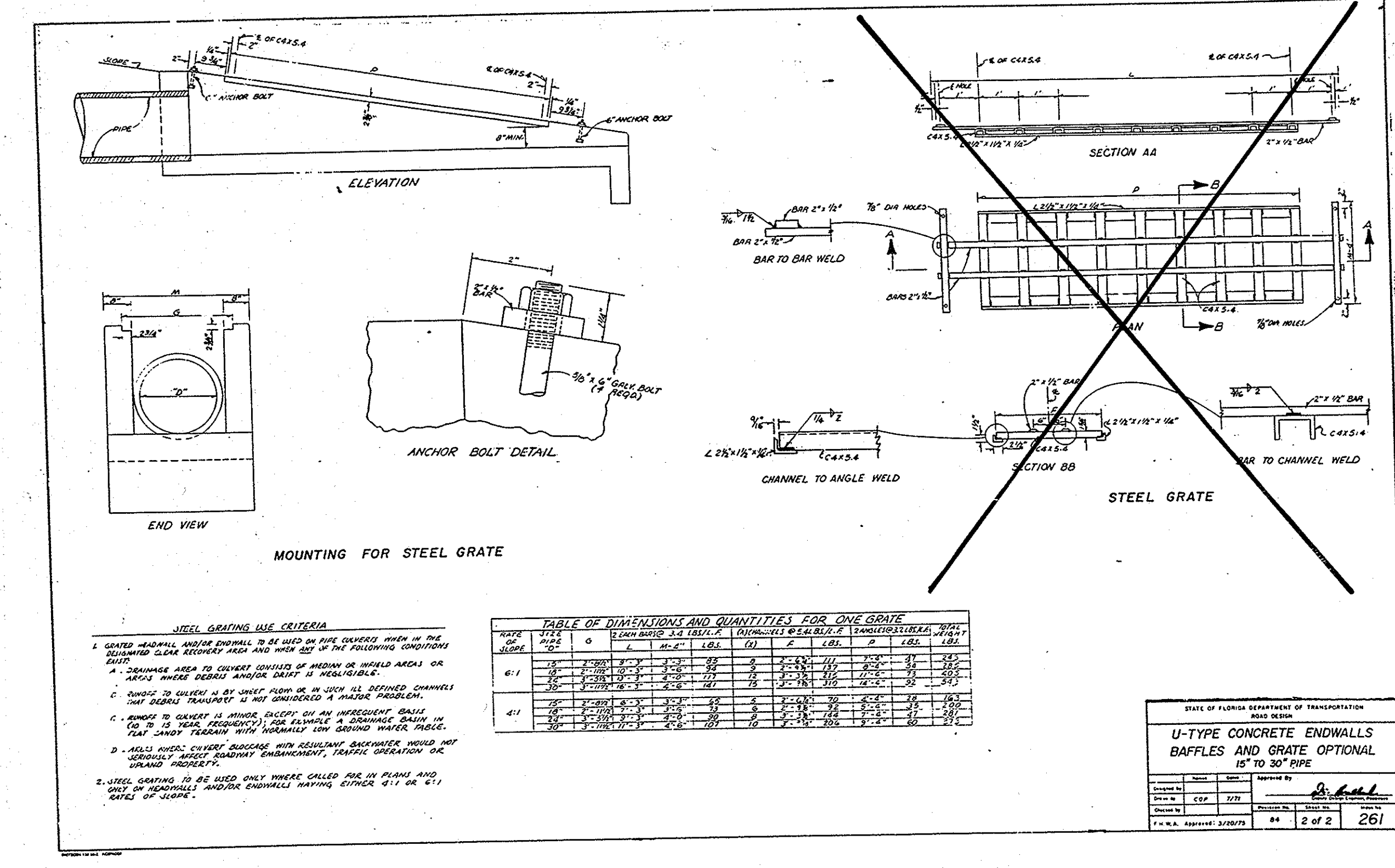
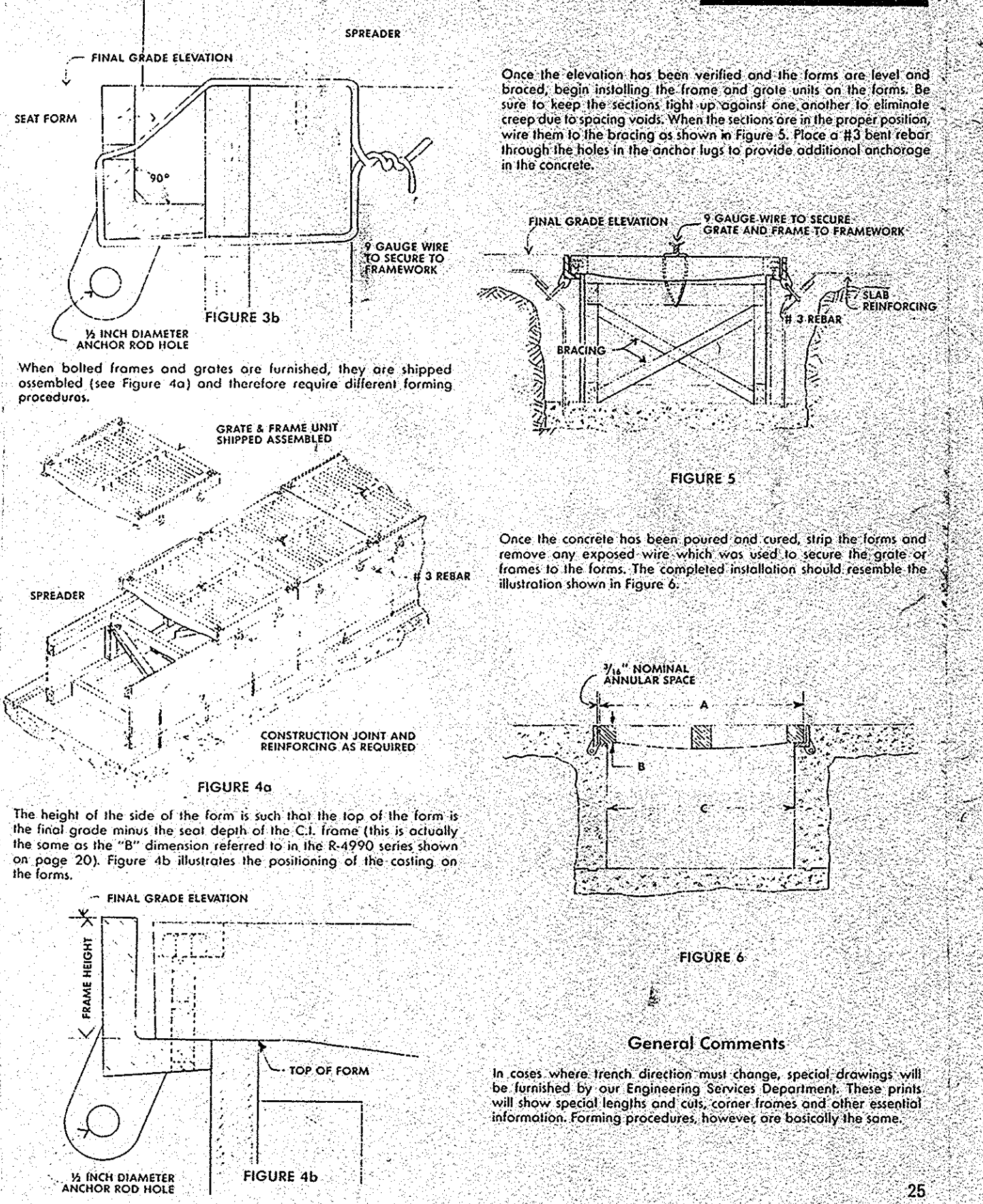
**Optional - Bolted Down Covers**

In areas of fast heavy traffic, and in locations where vandalism is a problem, covers are frequently bolted to frames.

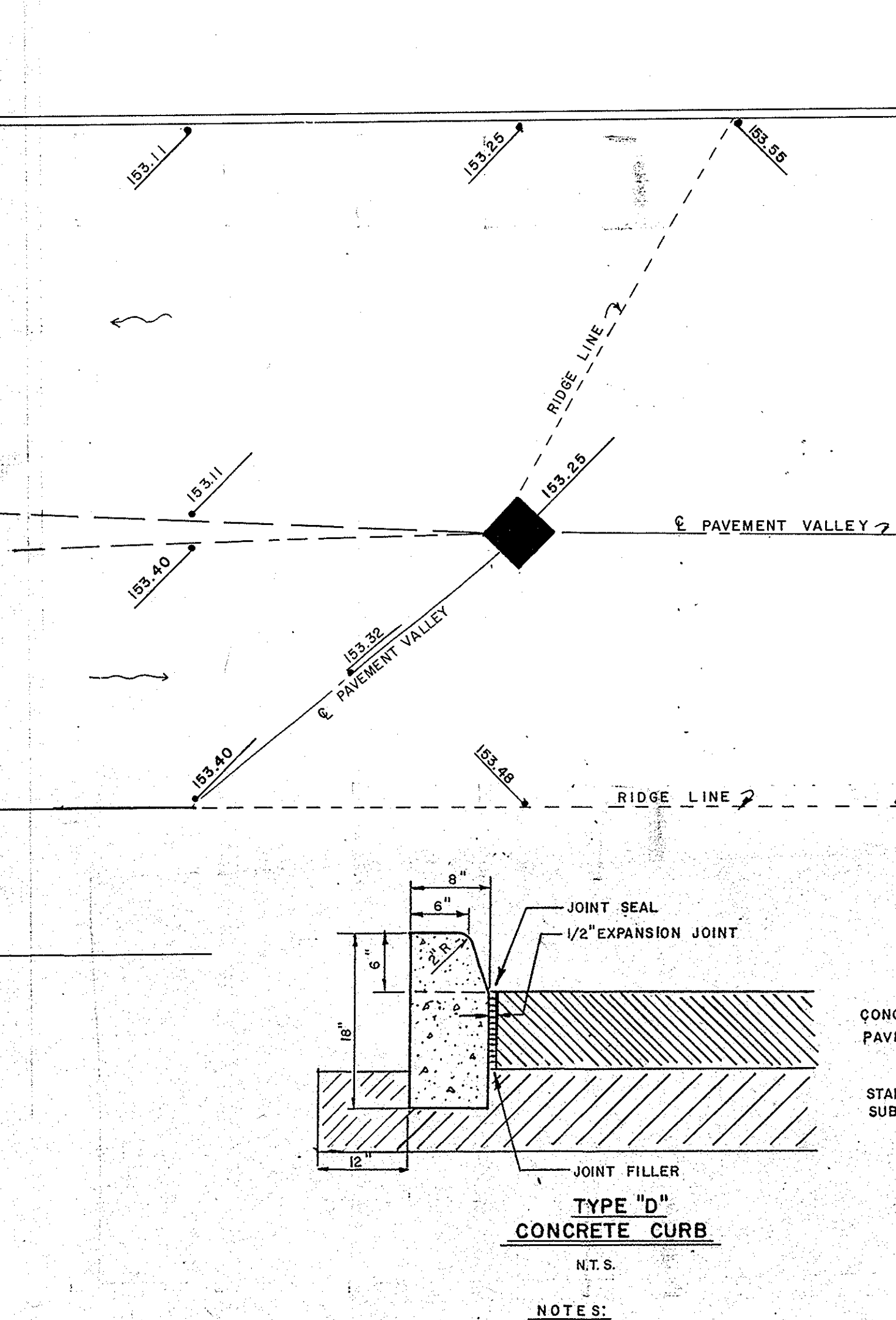
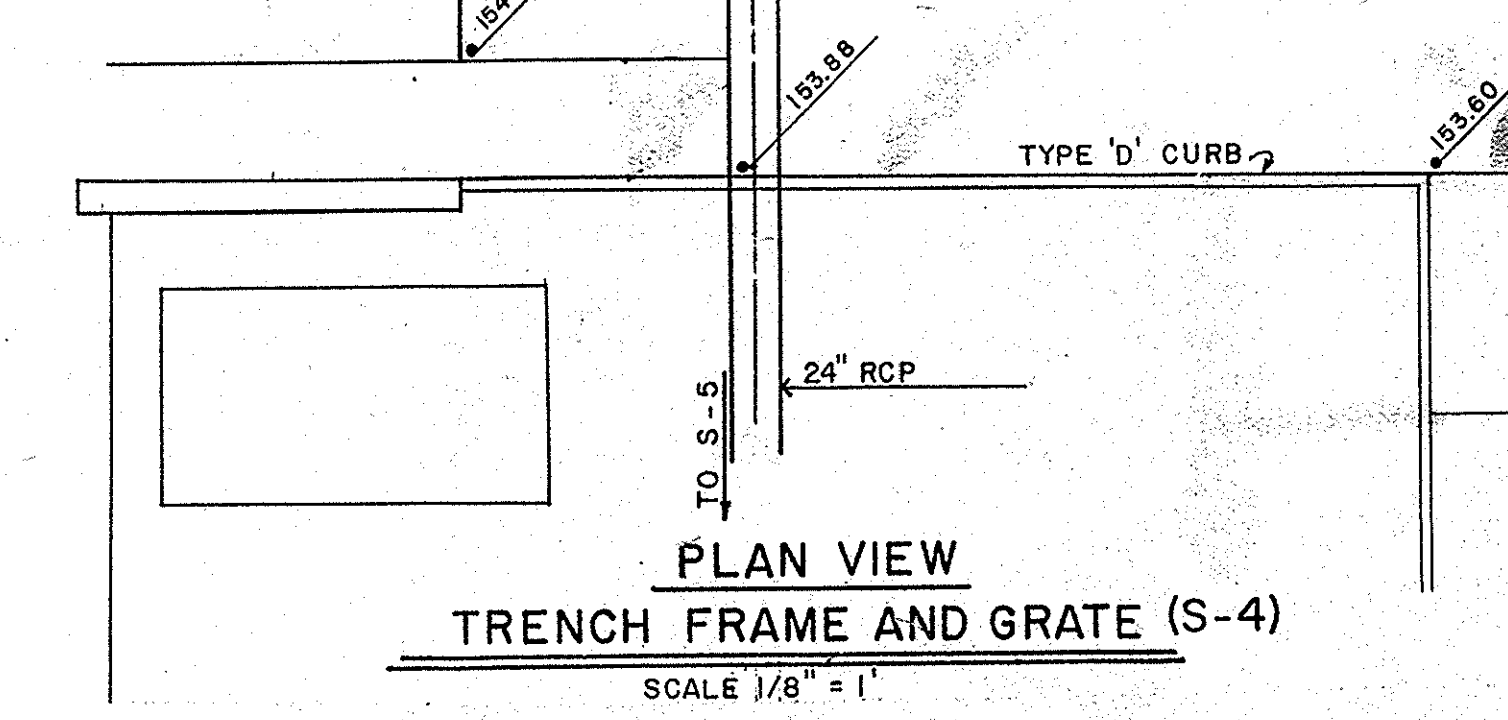
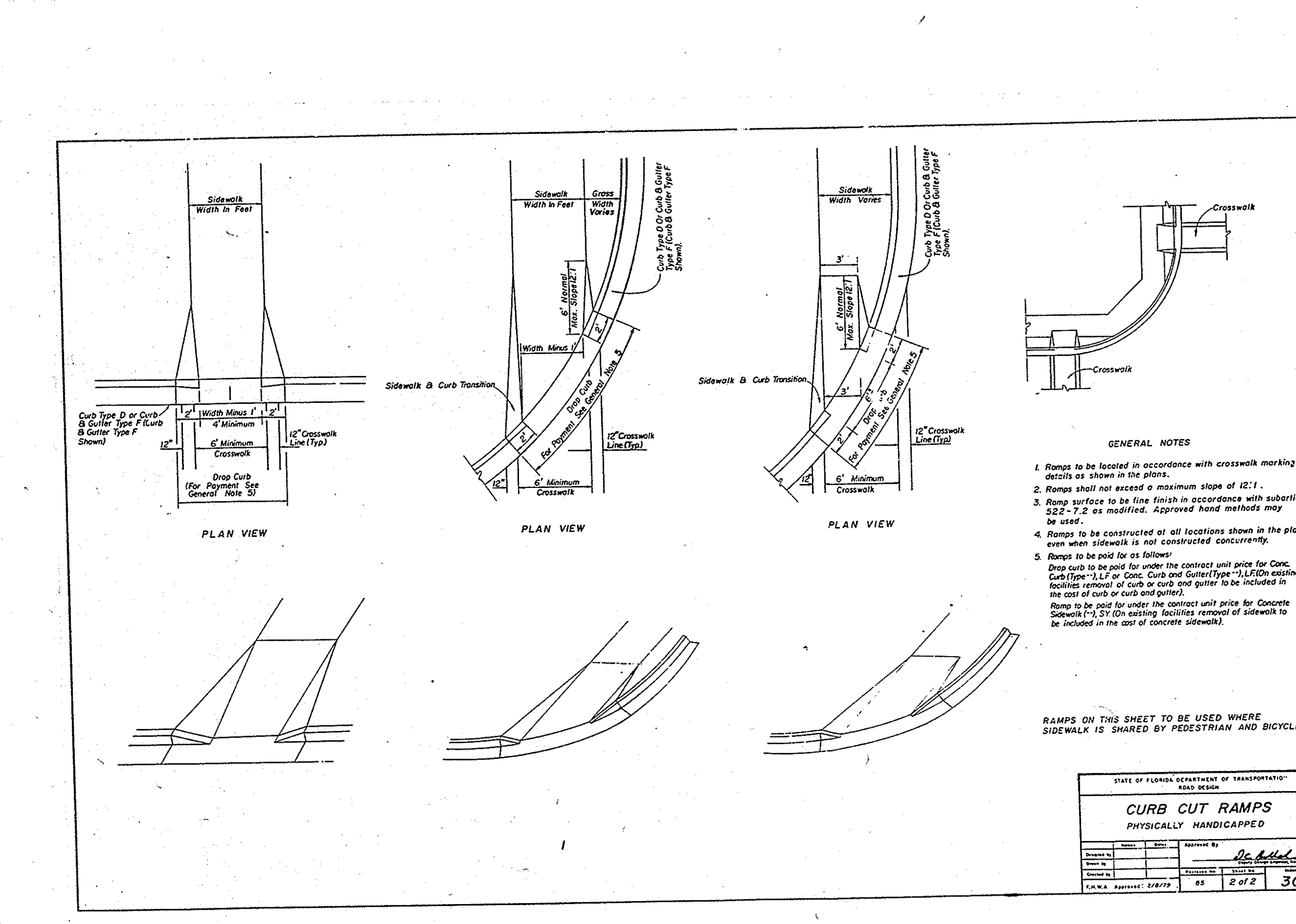
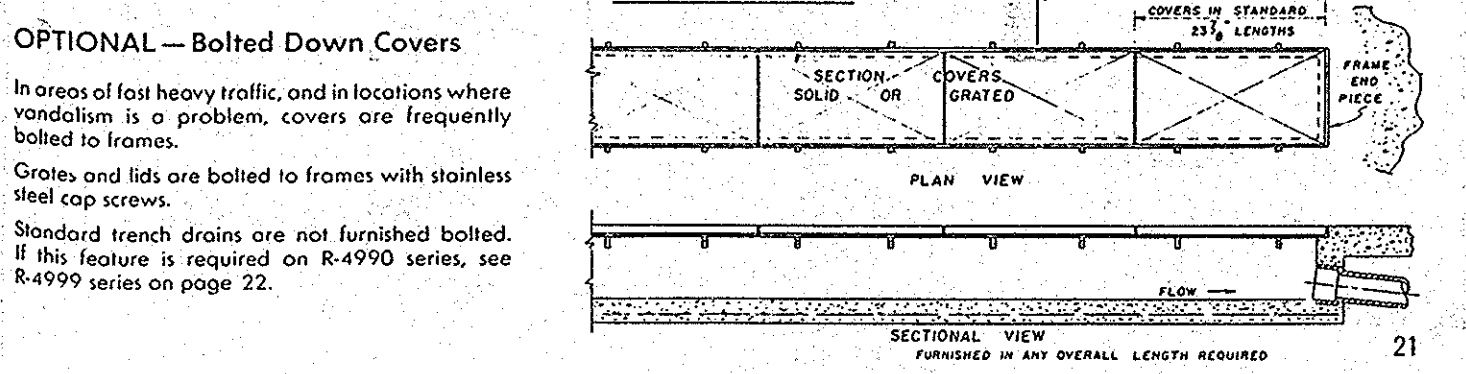
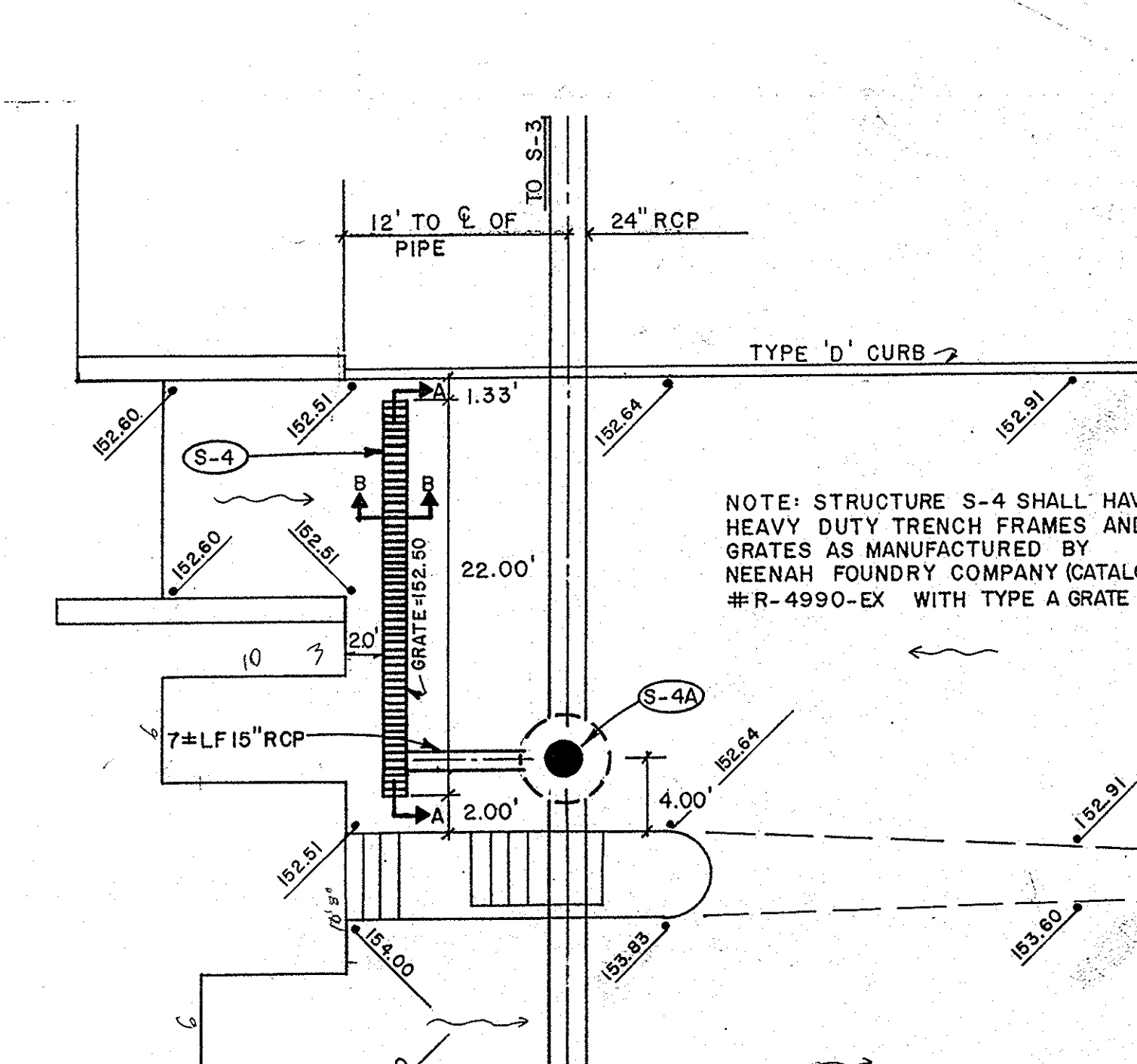
Grates and lids are bolted to frames with stainless steel cap screws.

Standard trench drains are not furnished bolted. If this feature is required on R-4990 series, see R-4999 series on page 22.

**Forming Procedures Continued**



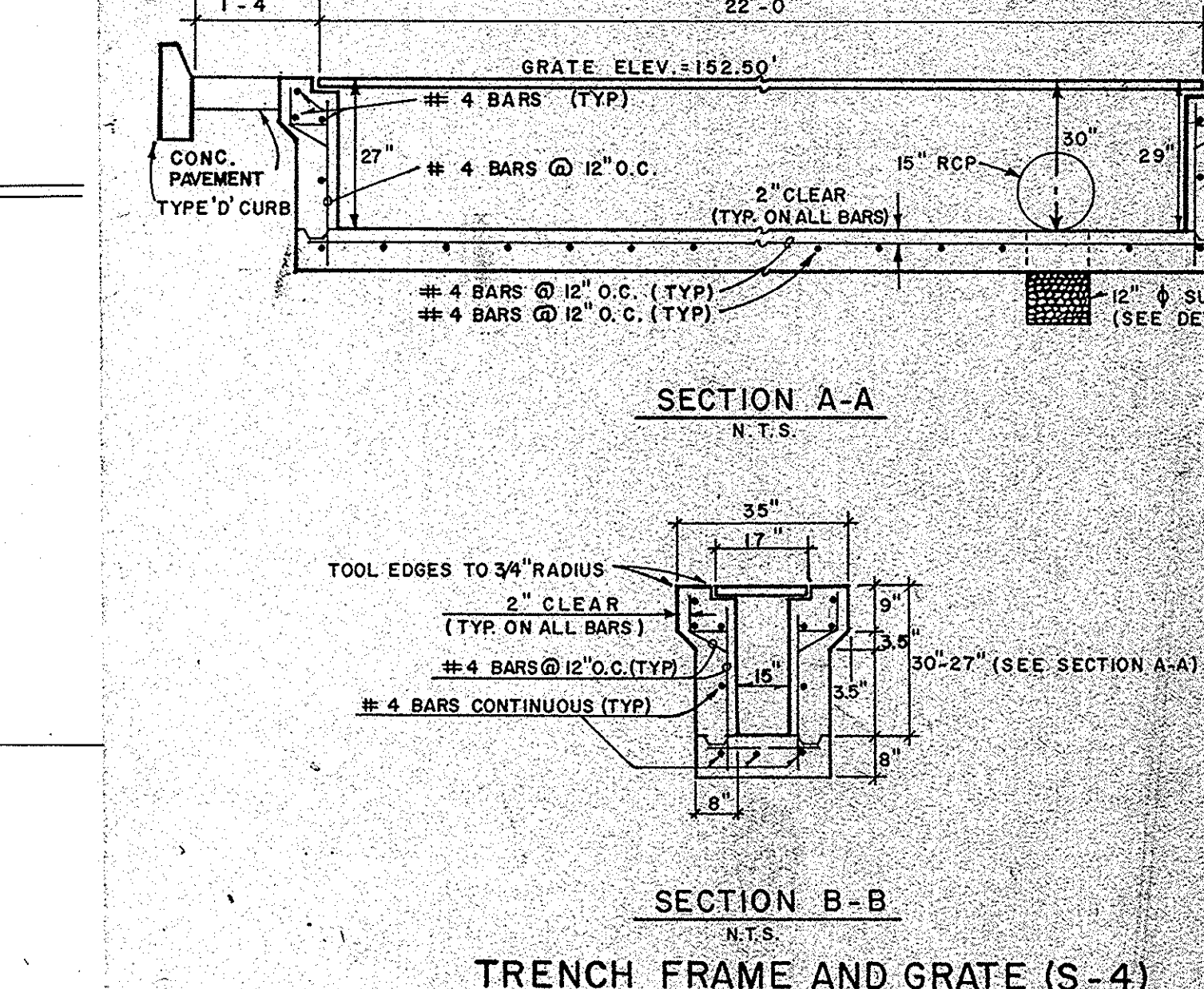
The above schematic drawings closely identify dimensions and do not vary significantly with design. But call the depth, plate thickness and verify width, etc. may vary in different sizes and styles. If your project has design variations, ask for approved drawings.



NOTES:

1. THE CURB AND CURB AND GUTTER DETAILS SHOWN HEREON ARE FOR CONSTRUCTION ADJACENT TO CONCRETE PAVEMENT.
2. FOR CURB AND CURB AND GUTTER CONSTRUCTED ADJACENT TO FLEXIBLE (ASPHALT) PAVEMENT, THE 1/2" EXPANSION JOINT WILL NOT BE USED.
3. CURB AND CURB AND GUTTER SHALL BE INSTALLED IN ACCORDANCE WITH F.D.O.T. SECTION 920.

NOTES: 1. SHOP DRAWINGS ARE TO BE PROVIDED FOR STRUCTURE S-4 PRIOR TO FABRICATION.  
2. SEE SHEET C-5 FOR ADDITIONAL INFORMATION.



CALL CANDY 1-800-282-8881  
48 HOURS BEFORE DIGGING FOR THE LOCATION OF UNDERGROUND UTILITIES.

REVISIONS

MISCELLANEOUS DETAILS  
**DAVENPORT POST OFFICE**  
LAKELAND DIVISION  
**Keith and Schnars**  
ENGINEERS - PLANNERS - SURVEYORS  
3504 S. Florida Avenue Lakeland, Florida 33803 Tel: 813-646-4771

DATE 11-11-87  
SCALE N.T.S.  
FIELD BOOK NONE  
DOWN BSD  
BY HHHJ  
CHK BY  
DWG NO. 1293-L

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

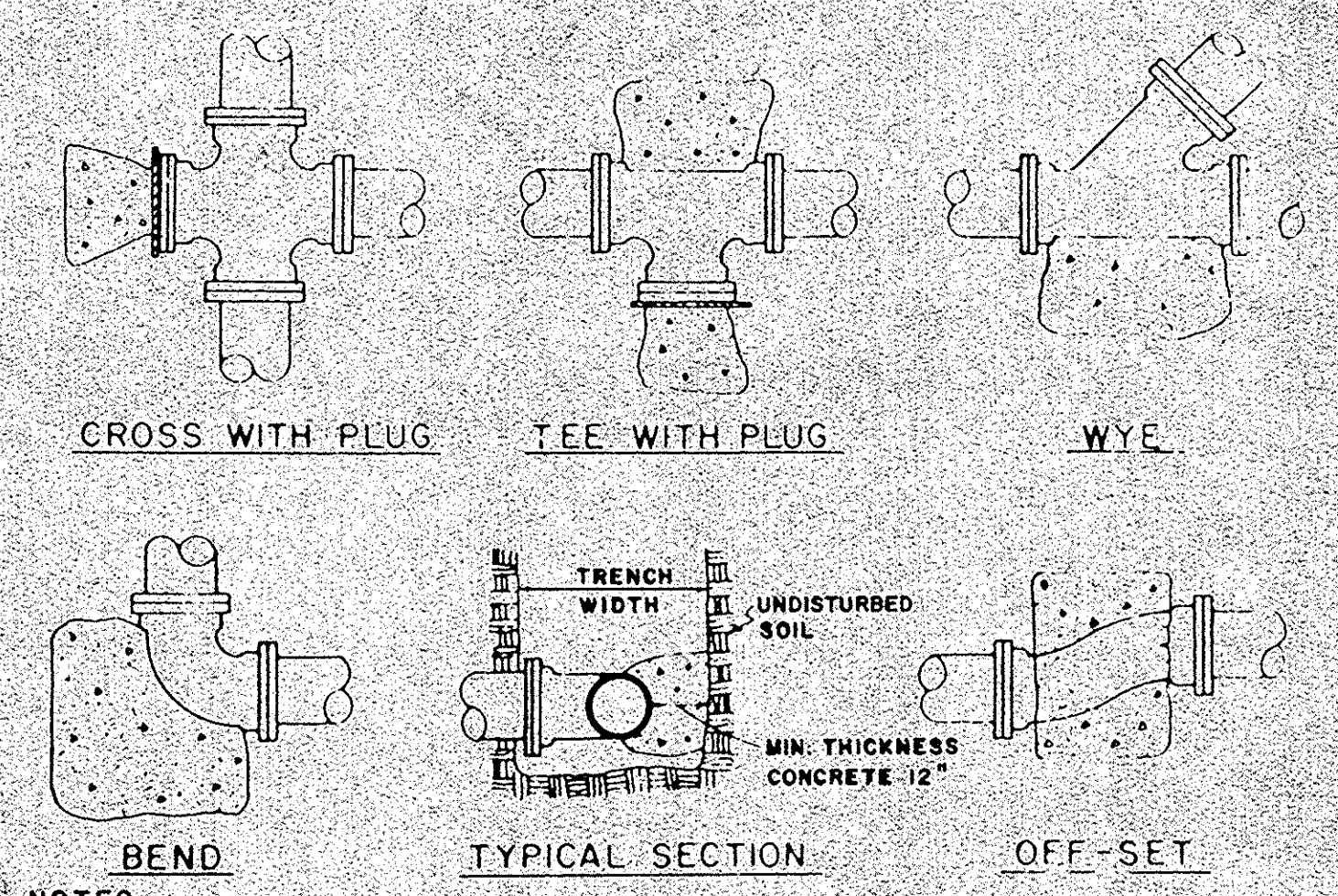
MISCELLANEOUS DETAILS  
**DAVENPORT MAIN POST OFFICE**  
DAVENPORT FLORIDA

Lunz and Associates, Inc.  
ARCHITECTS  
44 LAKE MORTON DRIVE  
LAKELAND, FLORIDA 33801 (813) 982-1682

REVISION 2 ISSUED  
REVISION 1 ISSUED  
ISSUED FOR CONSTRUCTION 3/3/88  
ISSUED FOR APPROVAL 4/1/88  
ISSUED FOR REVIEW  
APPROVED BY  
CHECKED BY  
DRAWN BY LGS

C-5  
-8721

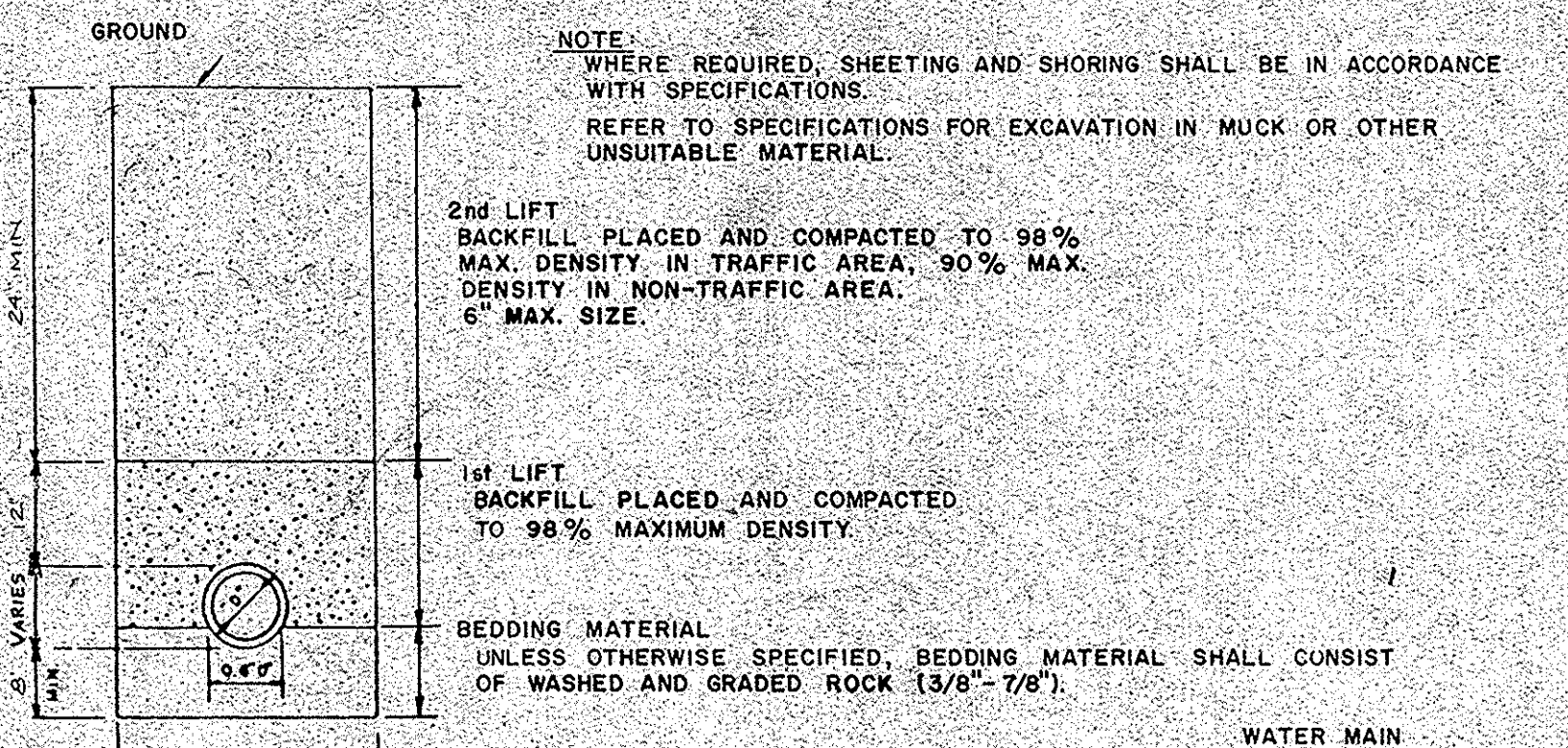




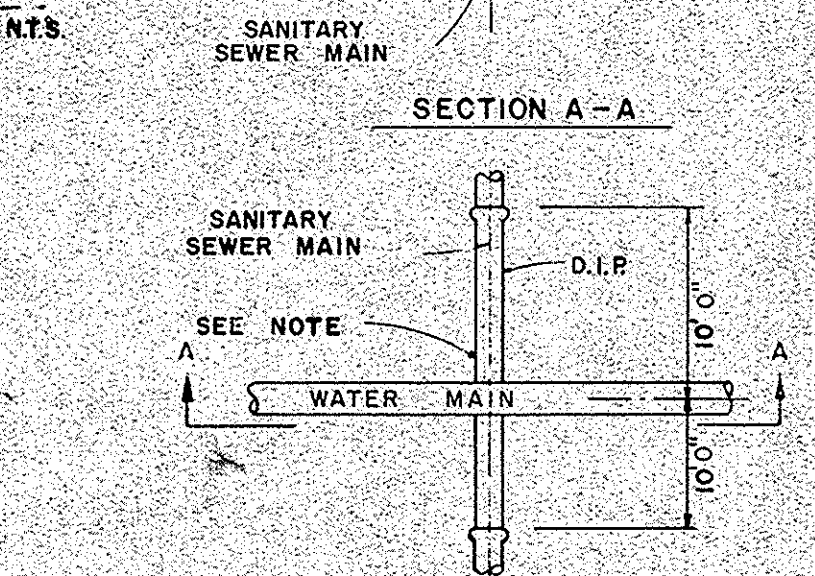
**NOTES:**  
 1. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL. KEEP "T" BOLTS CLEAR OF CONCRETE.  
 2. BEFORE POURING PLUGS SHALL BE WRAPPED WITH VISQUEEN AND A BOARD PLACED IN FRONT. ALL "T" BOLTS WRAPPED WITH VISQUEEN FOR FUTURE ACCESS.  
 3. CONCRETE SHALL BE 2500 PSI MIN.  
 4. THRUST BLOCKS SHOWN ALSO APPLY TO SANITARY FORCE MAIN.

PIPE DIA (INS)	90° BEND		45° BEND		12 1/2° BEND		1/4° BEND		WYES & TEES		TRENCH	
	CUBIC FEET CONCRETE	CONCRETE	CUBIC FEET CONCRETE	CONCRETE	CUBIC FEET CONCRETE	CONCRETE	CUBIC FEET CONCRETE	CONCRETE	CUBIC FEET CONCRETE	CONCRETE	MAX. WIDTH	MIN. COVER
2	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	18"	30"
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	18"	30"
4	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	18"	30"
6	2.6	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21"	30"
8	4.6	2.5	1.3	1.0	1.0	1.0	3.3	2.4	2.4	2.4	24"	30"

**THRUST BLOCK DETAILS**



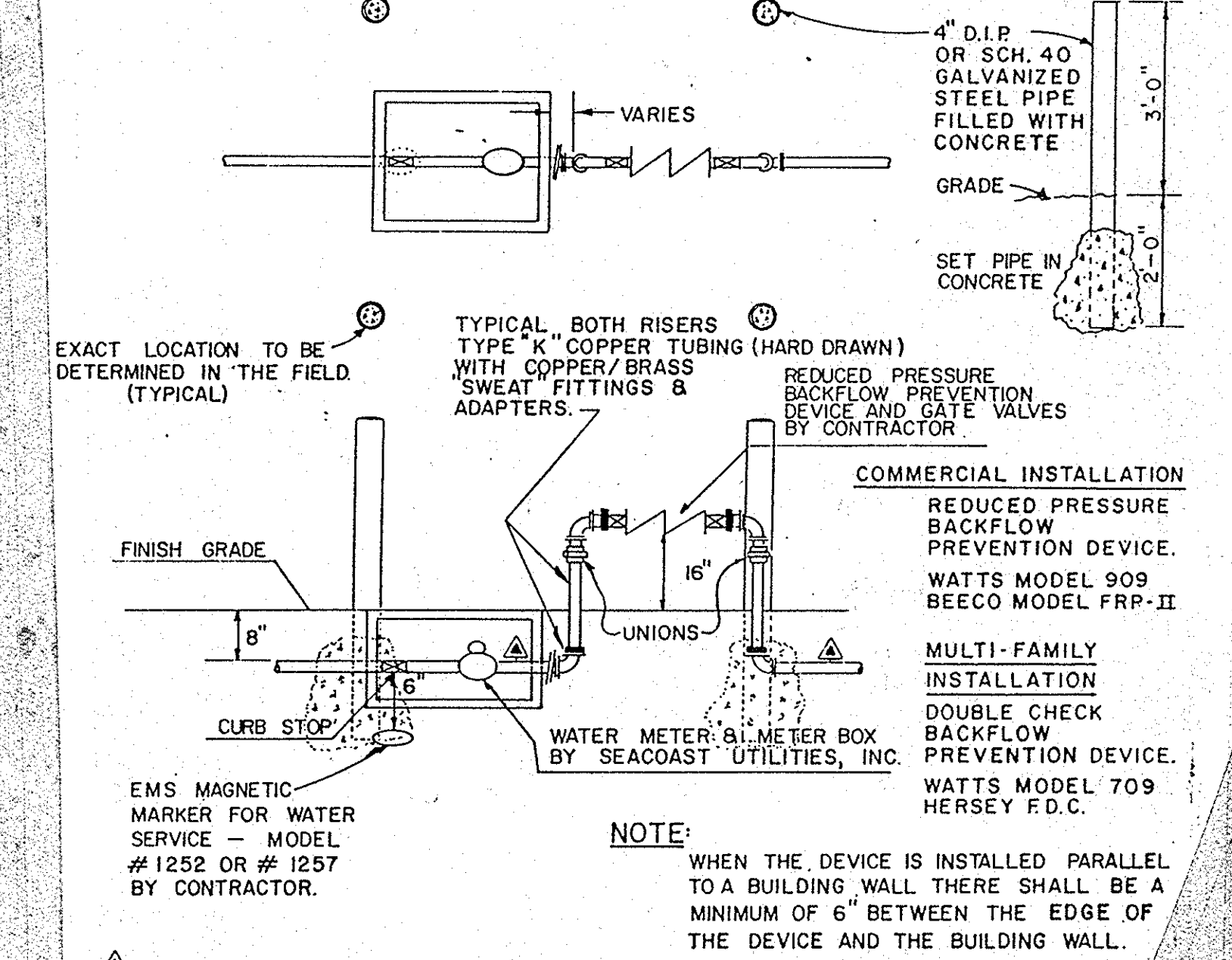
**TRENCHING DETAILS**



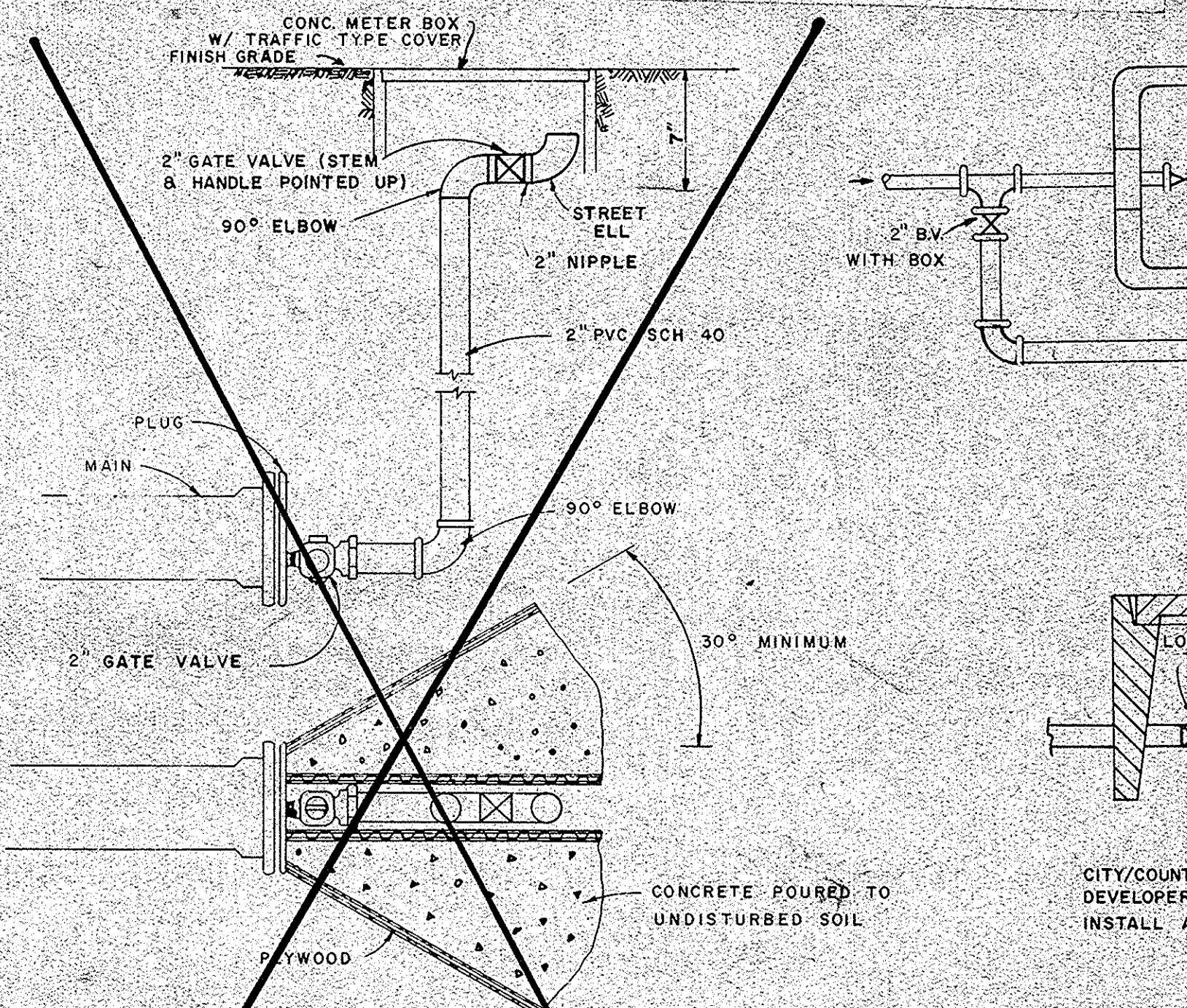
**NOTES:**  
 1. IF A VERTICAL DISTANCE BETWEEN WATER MAIN AND SEWER IS LESS THAN 18", WHEN WATER MAIN CROSSES OVER SEWER, OR ANY TIME A WATER MAIN CROSSES UNDER SEWER, THE SEWER SHALL BE D.I.P. FOR A DISTANCE OF 20 FEET CENTERED ON CROSSING, WITH NO JOINTS WITHIN 10 FEET OF CENTER.  
 2. 18" SEPARATION BETWEEN ALL PIPES (STORM-GRAVITY-WATER) SHOULD BE MAINTAINED (6-INCH ABSOLUTE MINIMUM SEPARATION WITH D.I.P. WHEN NECESSARY).

**WATER MAIN - SEWER CONFLICT**

N.T.S.



**WATER METER & BACKFLOW PREVENTION DEVICE - SIZE 3/4" - 2"**

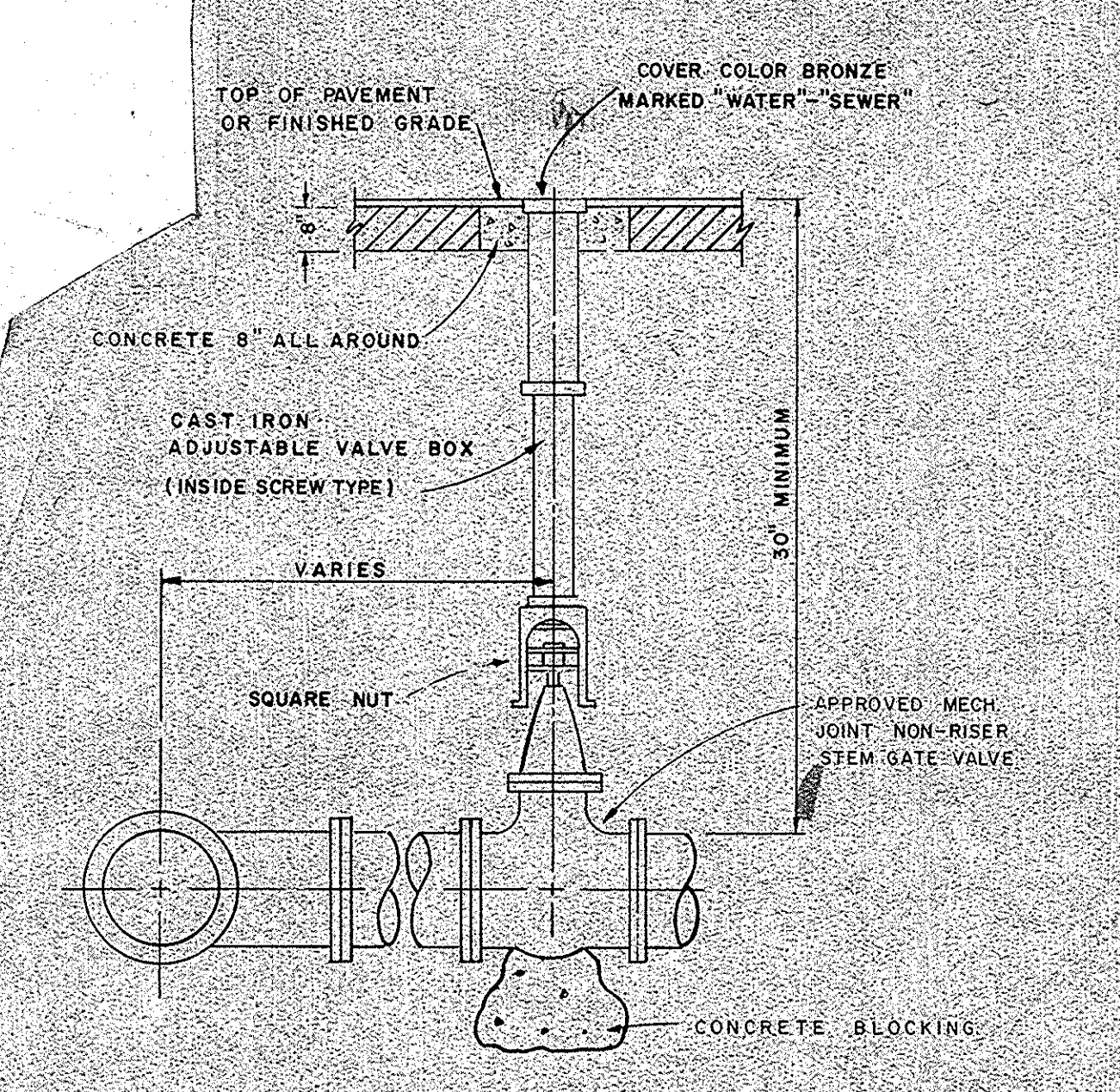


**2" METER INSTALLATION**

**NOTES:**  
 1. CITY/COUNTY TO SUPPLY AND INSTALL METER DEVELOPER'S EXPENSE. CONTRACTOR MAY INSTALL APPURTENANCES.  
 2. GATE VALVE "1" MAY BE A NEW OR EXISTING VALVE.

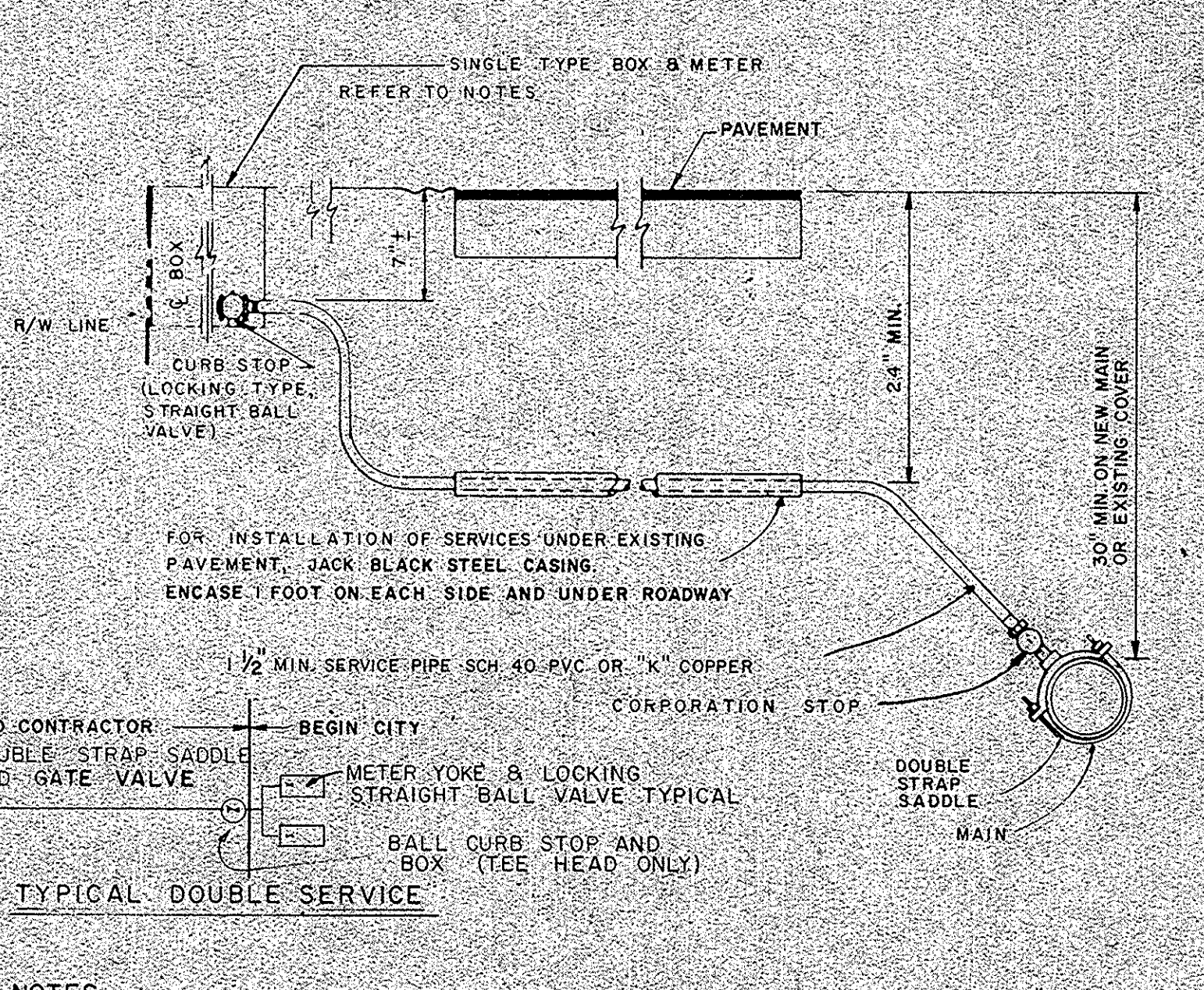
**2" TERMINAL BLOW OFF**

N.T.S.



**TYPICAL VALVE SETTING**

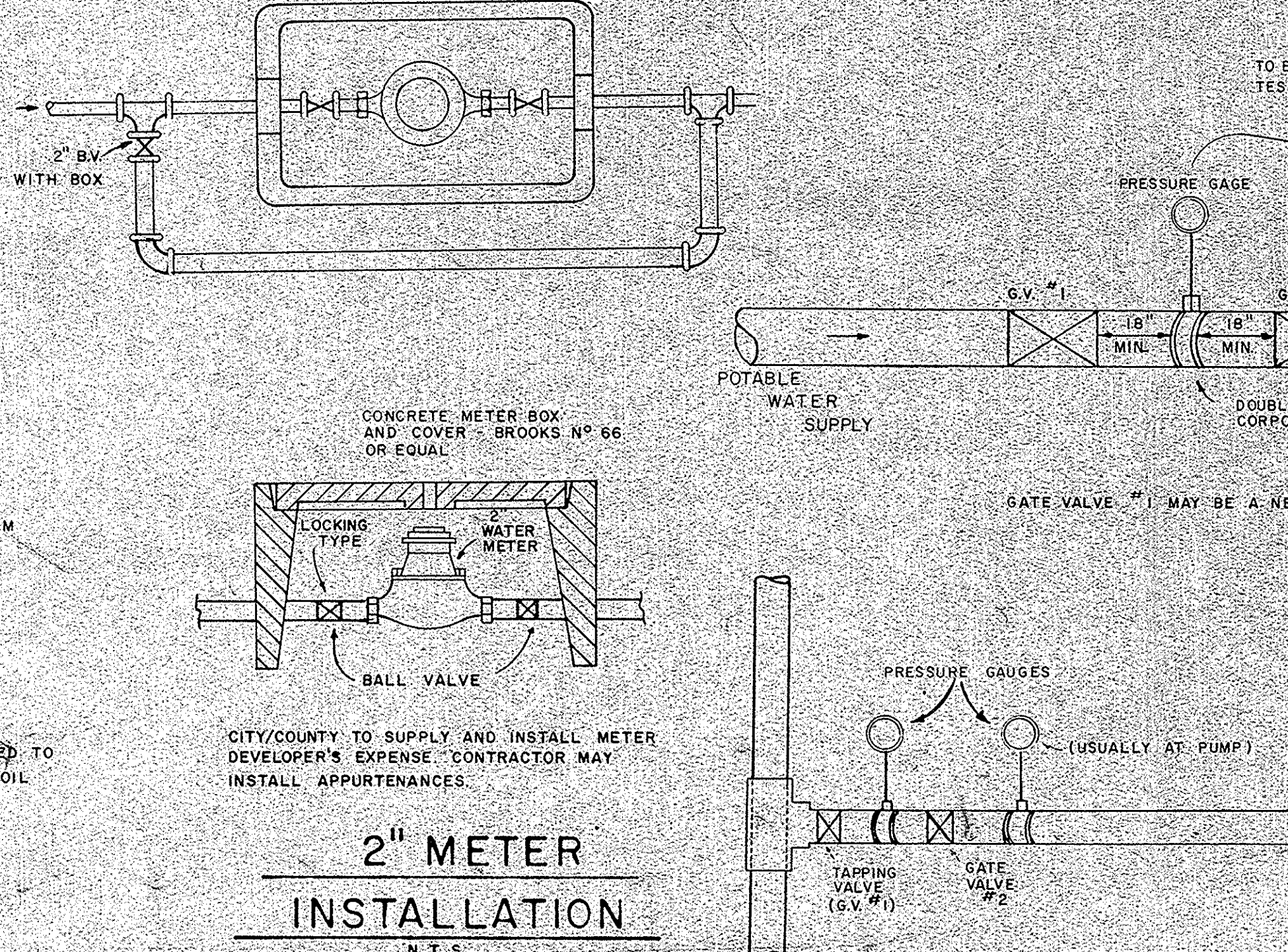
N.T.S.



**NOTES:**  
 1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" OFFSET.  
 2. METER BOX SHALL BE SET TO FINISHED GRADE ADJACENT TO PROPERTY LINE OR IN SIDEWALK.  
 3. COPPER SERVICE LINE SHALL BE CONTINUOUS FROM CORPORATION STOP TO CURB STOP WITH NO FITTINGS IN BETWEEN.  
 4. ALL 5/8" METERS REQUIRE A 3/4" LOCKING CURB STOP (STRAIGHT BALL VALVE) & YOKE.  
 5. 2" METER REQUIRES BYPASS.

**TYPICAL WATER SERVICE**

N.T.S.



**DOUBLE VALVE DETAIL**

N.T.S.

**TYPICAL SAMPLING POINT**

N.T.S.

**MINIMUM COVER FOR CONCRETE, STEEL, ALUMINUM AND POLYETHYLENE PIPE**

PIPE TYPE/SIZE & SHAPE	MINIMUM COVER
CONCRETE	6"
ALL Round & Elliptical	6"
CORRUGATED STEEL	6"
12" Round & Arch Equiv.	6"
15" Round & Arch Equiv.	6"
18" Round & Arch Equiv.	6"
24" Round & Arch Equiv.	6"
30" Round & Arch Equiv.	6"
36" Round & Arch Equiv.	6"
42" Round & Arch Equiv.	6"
48" Round & Arch Equiv.	6"
54" Round & Arch Equiv.	6"
60" Round & Arch Equiv.	6"
66" Round & Arch Equiv.	6"
72" Round & Arch Equiv.	6"
78" Round & Arch Equiv.	6"
84" Round & Arch Equiv.	6"
90" Round & Arch Equiv.	6"
96" Round & Arch Equiv.	6"
102" Round & Arch Equiv.	6"
108" Round & Arch Equiv.	6"
114" Round & Arch Equiv.	6"
120" Round & Arch Equiv.	6"
126" Round & Arch Equiv.	6"
132" Round & Arch Equiv.	6"
138" Round & Arch Equiv.	6"
144" Round & Arch Equiv.	6"
150" Round & Arch Equiv.	6"
156" Round & Arch Equiv.	6"
162" Round & Arch Equiv.	6"
168" Round & Arch Equiv.	6"
174" Round & Arch Equiv.	6"
180" Round & Arch Equiv.	6"
186" Round & Arch Equiv.	6"
192" Round & Arch Equiv.	6"
198" Round & Arch Equiv.	6"
204" Round & Arch Equiv.	6"
210" Round & Arch Equiv.	6"
216" Round & Arch Equiv.	6"
222" Round & Arch Equiv.	6"
228" Round & Arch Equiv.	6"
234" Round & Arch Equiv.	6"
240" Round & Arch Equiv.	6"
246" Round & Arch Equiv.	6"
252" Round & Arch Equiv.	6"
258" Round & Arch Equiv.	6"
264" Round & Arch Equiv.	6"
270" Round & Arch Equiv.	6"
276" Round & Arch Equiv.	6"
282" Round & Arch Equiv.	6"
288" Round & Arch Equiv.	6"
294" Round & Arch Equiv.	6"
300" Round & Arch Equiv.	6"
306" Round & Arch Equiv.	6"
312" Round & Arch Equiv.	6"
318" Round & Arch Equiv.	6"
324" Round & Arch Equiv.	6"
330" Round & Arch Equiv.	6"
336" Round & Arch Equiv.	6"
342" Round & Arch Equiv.	6"
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354" Round & Arch Equiv.	6"
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366" Round & Arch Equiv.	6"
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708" Round & Arch Equiv.	6"
714" Round & Arch Equiv.	6"
720" Round & Arch Equiv.	6"
726" Round & Arch Equiv.	6"
732" Round & Arch Equiv.	6"
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744" Round & Arch Equiv.	6"
750" Round & Arch Equiv.	6"
756" Round & Arch Equiv.	6"
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774" Round & Arch Equiv.	6"
780" Round & Arch Equiv.	6"
786" Round & Arch Equiv.	6"
792" Round & Arch Equiv.	6"
798" Round & Arch Equiv.	6"
804" Round & Arch Equiv.	6"
810" Round & Arch Equiv.	6"
816" Round & Arch Equiv.	6"
822" Round & Arch Equiv.	6"
828" Round & Arch Equiv.	6"
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846" Round & Arch Equiv.	6"
852" Round & Arch Equiv.	6"
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888" Round & Arch Equiv.	6"
894" Round & Arch Equiv.	6"
900" Round & Arch Equiv.	6"
906" Round & Arch Equiv.	6"
912" Round & Arch Equiv.	6"
918" Round & Arch Equiv.	6"
924" Round & Arch Equiv.	6"
930" Round & Arch Equiv.	6"
936" Round & Arch Equiv.	6"
942" Round & Arch Equiv.	6"
948" Round & Arch Equiv.	6"
954" Round & Arch Equiv.	6"
960" Round & Arch Equiv.	6"
966" Round & Arch Equiv.	6"
972" Round & Arch Equiv.	6"
978" Round & Arch Equiv.	6"
984" Round & Arch Equiv.	6"
990" Round & Arch Equiv.	6"
996" Round & Arch Equiv.	6"
1002" Round & Arch Equiv.	6"

**KEITH AND SCHNARS, P.A.**  
 ENGINEERS-PLANNERS-SURVEYORS

**CALL: CANDY 1-800-282-8881**  
 48 HOURS BEFORE DIGGING FOR THE LOCATION OF UNDERGROUND UTILITIES.

**STANDARD WATER DETAILS**  
**DAVENPORT POST OFFICE**

**Keith and Schnars**  
 ENGINEERS - PLANNERS - SURVEYORS

**DATE:** 9-17-87  
**SCALE:** N.T.S.  
**FIELD BOOK:** NONE  
**DWN. BY:** B.S.D.  
**CHK. BY:** HHHJr.  
**DWG. NO.:** 1293-L-1

**UNITED STATES POSTAL SERVICE**  
 FACILITIES SERVICE OFFICE  
 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020

**STANDARD WATER DETAILS**

REVISION 2 ISSUED  
 REVISION 1 ISSUED  
 ISSUED FOR CONSTRUCTION  
 ISSUED FOR APPROVAL  
 ISSUED FOR REVIEW  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY

**DAVENPORT MAIN POST OFFICE**  
 DAVENPORT FLORIDA

**Lunz and Associates, Inc.**  
 ARCHITECTS

**C-6**

8721



SPECIFICATIONS

SCOPE

The contractor shall furnish all labor, equipment and materials and perform all operations in connection with installation of a complete water distribution system ready for use in accordance with these specifications, either specific or implied, the applicable plans and all other terms and conditions of this policy. Work to include any and all restoration necessary to duplicate original conditions.

MATERIALS

Material shall be new, of first quality, manufactured in the United States and conform to the appropriate AWWA standard. Any later revision shall automatically supersede standards enumerated herein.

PIPE

Pipe shall be either ductile iron, asbestos cement, or polyvinyl chloride (PVC) conforming to the following specifications:

- Ductile iron pipe shall be in accordance with ANSI Specifications A21.50-1976 (AWWA C150-76) thickness Class 51 for 4" and Class 50 for 6" and over. Manufacture shall be in accordance with ANSI A2150-1976 (AWWA C-151-76) and cement lined/bituminous coated to ANSI A21.4.

Joints may be mechanical or push-on.

- Asbestos cement shall be in accordance with AWWA Standard C400-80, Class 150. Sizes 6" through 12" only may be used.

- Polyvinyl chloride pipe shall be in accordance with AWWA Standard C900-75 for sizes 4" and over. Dimension ratio (DR) shall be 18. Sizes 2" and under shall conform with ASTM-2241 with SDR of 21 with a 200 PSI rating.  $\Delta$

Pipe shall be cast iron O.D., slip on type with bell as integral part of pipe.

Each length should be clearly labelled as to allow identification and specification conformance.

- Polyethylene water tubing shall be in accordance with AWWA C-901-78, ATSM Standard D-2737, SDR-PR, (PE 3406).

(1)

All stubbed valves shall be installed with retaining glands, tied off or otherwise prevented from separating.

Allowable deflection shall be no greater than stated in the applicable AWWA standard.

No pipe shall be laid when, in the opinion of the inspector, trench conditions are unsuitable. Pipe shall be laid in a dry trench unless otherwise authorized by the City.

Length of open trench on existing roads may be limited by the inspector to minimize public inconvenience or danger to life or property.

Contractor/developer will be charged three times the system volume at the established water rate for flushing, testing and disinfection.

ANCHORAGE:

All fittings, hydrants and plugs shall be thoroughly backed with adequate reaction backing or restrained with suitable rods and clamps. Concrete should be poured directly against the fitting and the undisturbed trench wall. In no case shall the fittings be encased in concrete. Thrust block must be left uncovered until inspected by the City.

BLOW-OFFS:

No distribution line shall be terminated without a hydrant or a blow-off. All blow-offs shall be constructed with galvanized pipe/fittings, shall be at ground level and enclosed in a meter box.

SERVICE LINES:

Water installation shall include service stubs at alternate lot lines or other locations as shown on the plan and at sizes indicated.

In all cases a gate valve shall immediately adjoin the main connection and a second gate valve, equivalent in size to the service crossing, shall be provided at termination adjacent to the property line or other specified point. This valve should be approximately 12" deep, buried and staked. No valve box required in either case.

CONNECTIONS TO EXISTING LINES:

These will in all cases be made by the City at the developer's expense.

(4)

FITTINGS

All fittings shall be rated for not less than 150 psi working pressure.

Grade for ductile iron fittings shall conform with ANSI/AWWA Standard C110-77 or ANSI/AWWA C111/A21.11-80, and shall be cement lined inside and bituminous coated outside.

Malleable iron fittings shall be galvanized conforming to the applicable provision of Federal Specification WW-P-521D.

Polyvinyl chloride (PVC) fittings shall be minimum Schedule 40 and may be used in sizes 2" and under only.

VALVES

Gate valves 4" and over shall be in accordance with ANSI/AWWA C500-80 with "O" type stem seal and 2" square operating nut for buried services. Valves shall be mechanical joint and open left (counter clockwise). Gate valves 2" and under shall conform with Federal Specifications WW-V-54 Type II, solid wedge disc, rising stem, secured joints and of bronze construction. Valves shall have malleable iron hand wheels.

All valves shall be American made, minimum 150 psi cold water rated, and shall be cast with manufacturer's name and pressure rating.

VALVE BOXES

Boxes shall be cast iron of standard design with adjustable drop section to fit disc of cover over valve. Interior diameter shall be not less than 5", with cast iron cover marked "Water".

FIRE HYDRANTS

Hydrants shall be in accordance with ANSI/AWWA standard C502-80 and the following requirements:

- Dry barrel compression type.
- "O" ring seal at operating nut stem and means for lubrication.
- Traffic model with frangible sections at ground line.
- Open left (counter clockwise).
- Two 2-1/2" hose nozzles and one 4-1/2" pump nozzle with National Standard threads.
- Main valve openings shall be not less than 5.
- Paint shall be one coat primer and 2 coats finish yellow equal to Rust-O-Leum #659 or #2148.
- Pipe outlet shall be 6" mechanical joint.

(2)

TESTING:

A 24 hour notice must be provided to the City prior to testing. After installation is completed, the system shall be filled with water and flushed at the highest obtainable velocity and at the furthest points. Velocity must be at least 2.5 feet per second. All air must be expelled. A pressure at least equal to the City's existing system should be maintained for a period of 1 hour. Should the system appear tight, the leakage test may begin.

The contractor will pump his lines to a pressure equal to or greater than 150 psi. Should pressure fall below 150 psi during the test period, it shall be voided and restarted. Test period shall be one hour. Measured allowable leakage shall not exceed the gallons as determined by the following formula:

$$L = \frac{NDP}{7400} \text{ (from AWWA C600-77)}$$

in which L is the allowable leakage in gallons per hour; N is the number of joints in the length to be tested; D is the nominal pipe diameter; P is the average test pressure in pounds per square inch.

The following table approximates the above for a 1,000 foot segment at 150 psi and may be used in lieu thereof:

Pipe Size (Inches)	Allowable Leakage (Gallons)
2"	0.19
4"	0.37
6"	0.55
8"	0.74
10"	0.92
12"	1.10

DISINFECTION:

Before any portion of the newly installed system can be placed in service, all mains and appurtenances shall be thoroughly disinfected and tested.

Procedures to be used shall conform to AWWA Standard C601. Pertinent requirements are as follows:

- Chlorine solution shall be added to ensure a 50 ppm residual in all portions of the system. Inspectors may designate points where residual is measured.
- Retention time shall be not less than 24 hours.

(5)

- Operating nut shall be pentagonal measuring 1-1/2" point to flat.
- All hydrant leads shall be valved.

Acceptable are Mueller Centurian, Kennedy Model K-10DB or K-81A, M & H 129T Traffic Model or approved equal.

MODIFICATIONS

GENERAL

All work involved in system installation shall at all times conform with good water works practice, whether specifically stated or not. Industry standards or manufacturer's recommendations must be complied with.

The contractor must use maximum care in the protection of underground structures or facilities, whether shown on the plan or not, and above ground property. The city will in no way be liable for any damage or other claims directly resulting from the work. System ownership is not vested in the city until final acceptance.

PIPE LAYING

All pipe shall be installed with 30" to 36" cover unless otherwise stipulated or authorized by the City.

Line shall be minimum 5' from parallel road pavement and not located under parallel sidewalks unless otherwise authorized. Alignment shall remain constant unless prevented by some construction.

Every precaution must be taken to keep pipe interior clean from foreign material, dirt or debris. Tools, clothing, etc. must not be placed in the pipe at any time.

Special attention must be paid to backfilling in order to ensure proper pipe support. Backfill free of lumps, organic materials, asphalt, etc., shall be hand worked from the trench bottom to above centerline of the pipe and "walked in", filling any void under the pipe. Soil material unsuitable for backfill shall be replaced and removed from the site.

Installation and restoration operation under roads, shoulders or other level areas shall be performed in compliance with any city, county, or state requirement which may apply.

Every effort shall be made to cover pipe ends during installation and a watertight plug or other approved seal must be used when installation is not in progress.

(3)

- A minimum 25 ppm chlorine residual must remain at the end of the 24 hour period.

- Chlorine may be used in the following forms:
  - Liquid chlorine as gas/water mixture through an approved solution feeding device.
  - Sodium Hypochlorite in a package liquid form with 5% to 15% available chlorine.
  - Calcium Hypochlorite in a dry form (powder or tablets) with 70% available solution such as BTH or Perchloron.

After the disinfection process has been completed, all lines shall be thoroughly flushed to a condition equal to the normal base residual.

A minimum of 2 bacteriological samples shall be drawn from the newly installed system at remote points. Samples shall be taken on two consecutive days (minimum four samples). Sampling must conform with acceptable techniques using a suitable sterile container.

Proof of satisfactory results will be required from a Florida DER certified laboratory before service will be provided by the City.

WARRANTY

All portions of the installed water system shall be fully guaranteed against material defects or improper workmanship for a period of one (1) year from acceptance by the City. During this time repairs will be made by the City at the developer's expense or by the developer at no cost to the City - at the City's option.

Revised February 27, 1984

(6)

KEITH AND SCHNARS, P. A.  
ENGINEERS-PLANNERS-SURVEYORS

CALL CANDY 1-800-282-8881  
48 HOURS BEFORE DIGGING FOR THE  
LOCATION OF UNDERGROUND UTILITIES.

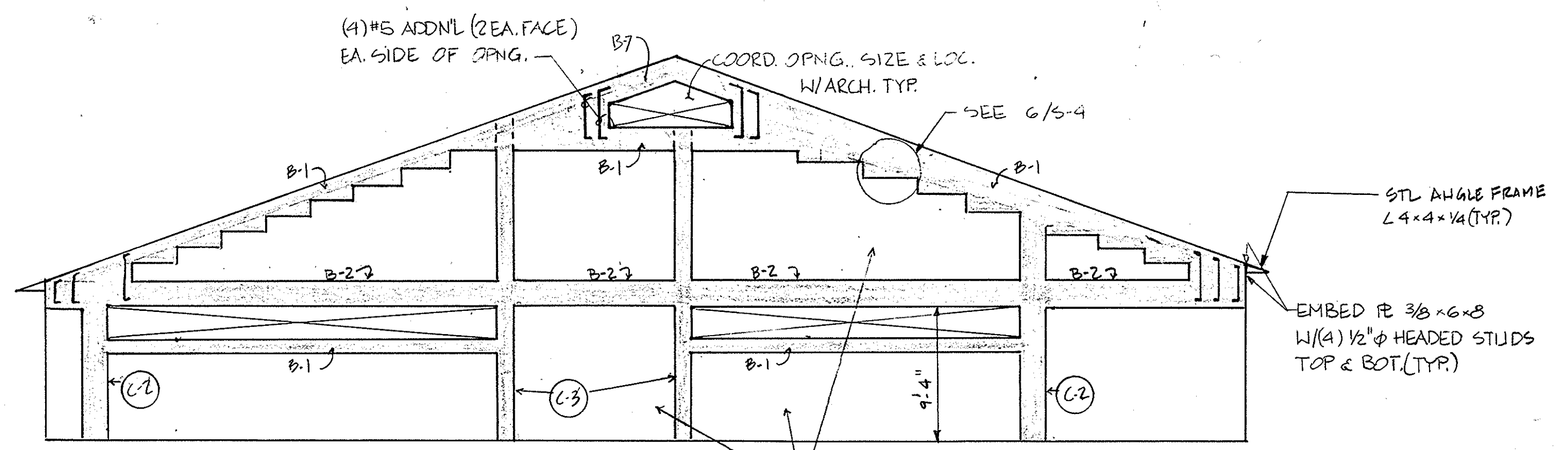
Henry H. Higginbotham, Jr. P.E.  
FLA. REG. No. 31977 FOR THE FIRM  
REPRODUCTIONS OF THIS DRAWING ARE NOT VALID  
UNLESS SIGNED AND EMBOSSED WITH ENGINEERS SEAL

REVISIONS 2/5/88 PER CITY OF DAV.	MISCELLANEOUS DETAILS DAVENPORT POST OFFICE LAKELAND DIVISION	DATE 11-13-87
	SCALE N.T.S.	FIELD BOOK NONE
	DWN. BY H.H.H.	ISSUED FOR REVIEW B.S.D.
	CHK. BY H.H.H.	APPROVED BY [Signature]
	DWG. NO. 1293-L	CHECKED BY [Signature]

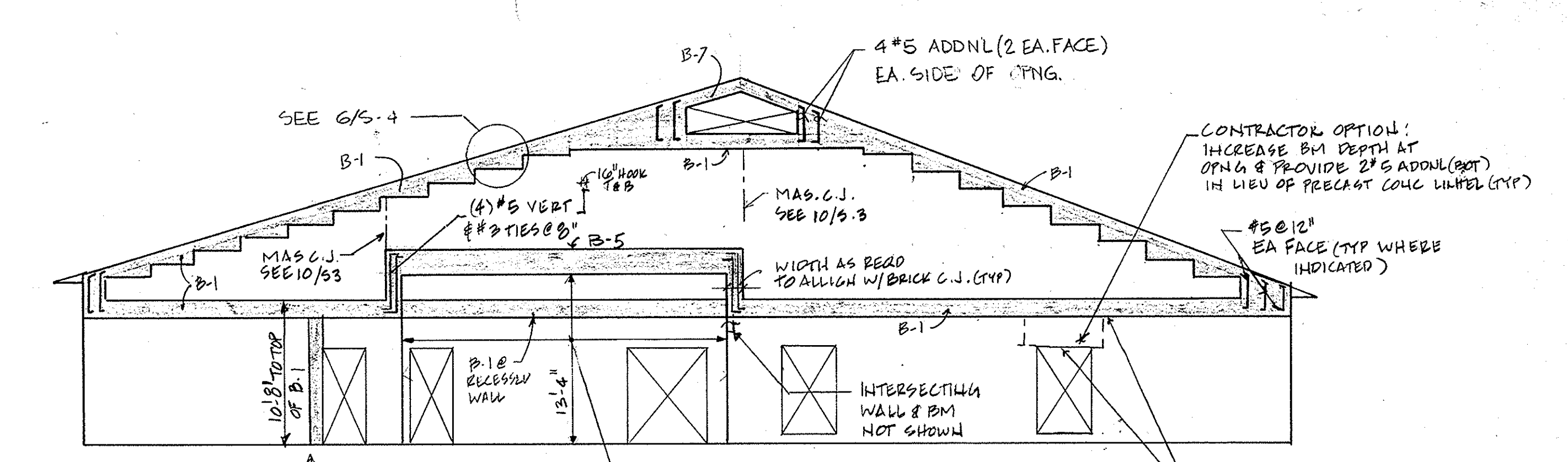
UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED	MISCELLANEOUS DETAILS
REVISION 1 ISSUED	DAVENPORT MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	DAVENPORT FLORIDA
ISSUED FOR APPROVAL	
ISSUED FOR REVIEW	Lunz and Associates, Inc. ARCHITECTS
APPROVED BY	C-7
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1882
DRAWN BY	8721

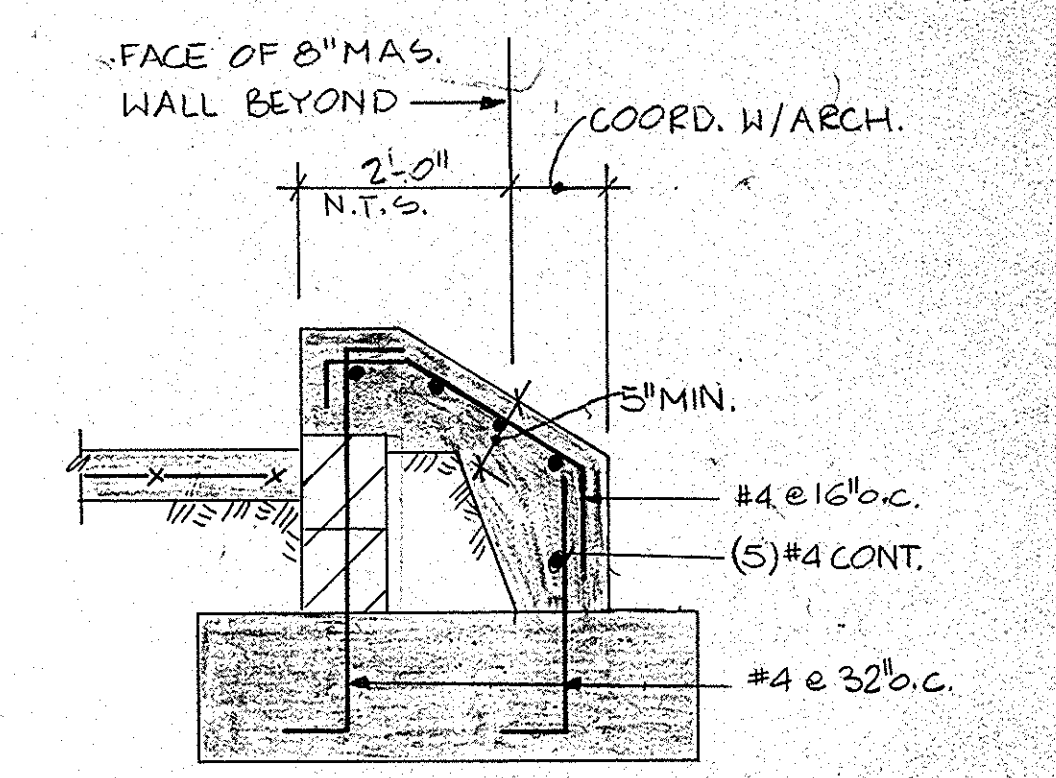




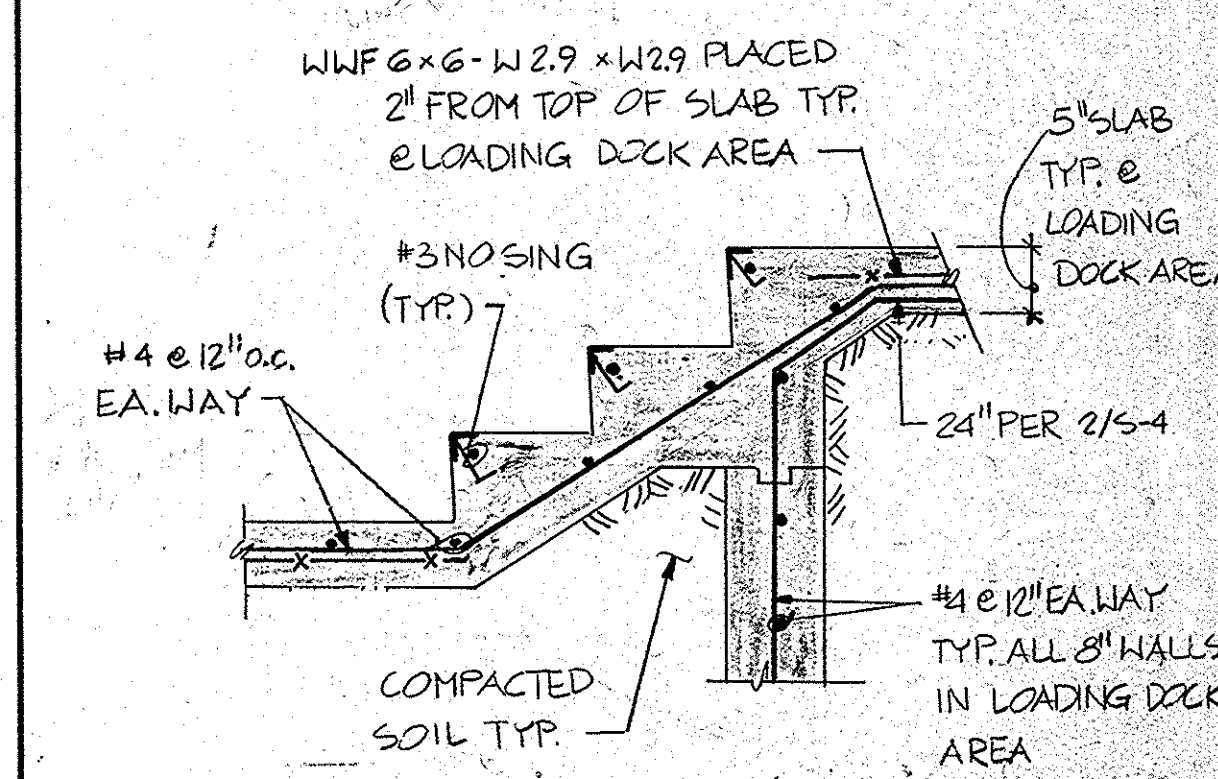
WEST ELEVATION A  
SCALE 3/8" = 1'-0"



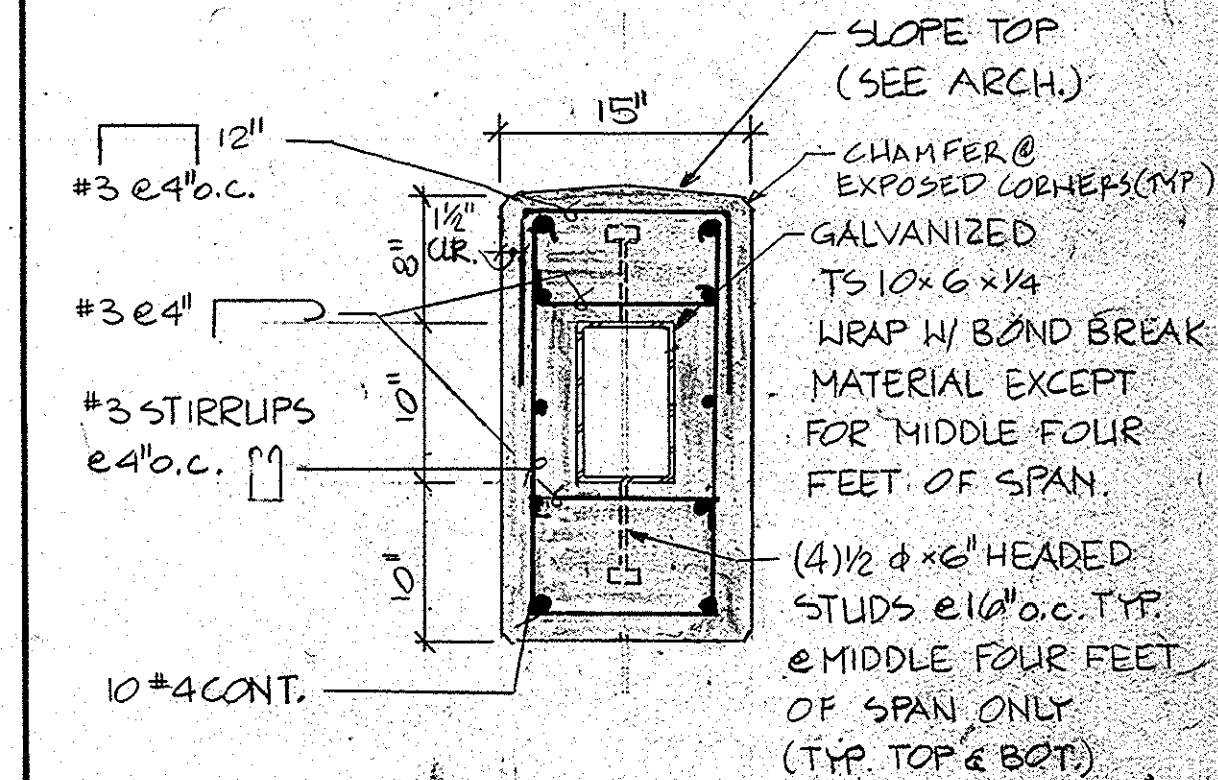
EAST ELEVATION B  
SCALE 3/8" = 1'-0"



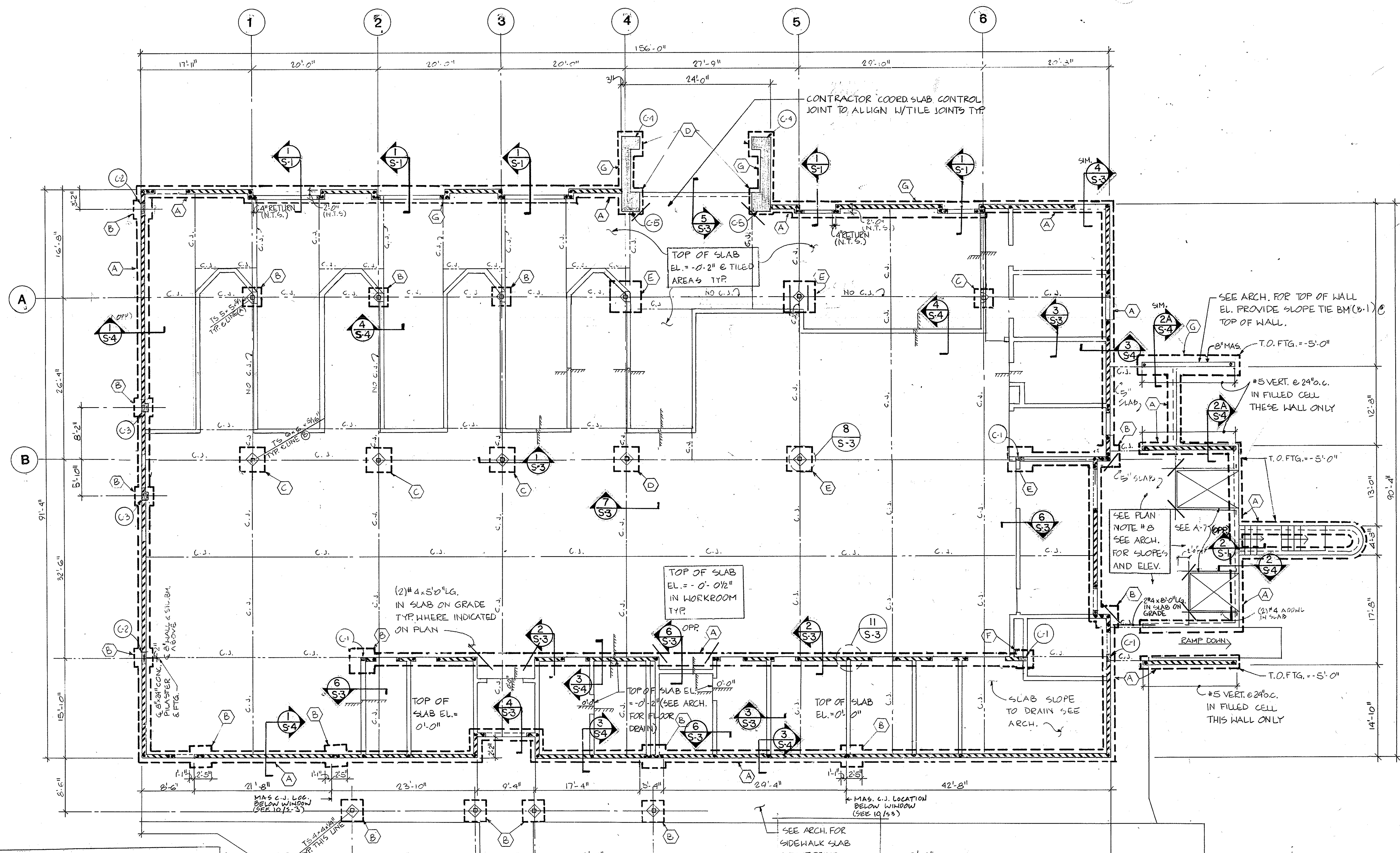
SECTION 1  
SCALE 3/4" = 1'-0"



SECTION 2  
SCALE 3/4" = 1'-0"



SECTION 3  
SCALE 1" = 1'-0"



- FOUNDATION PLAN NOTES**
- SEE SHEET S-4 FOR GENERAL NOTES.
  - SLAB ON GRADE SHALL BE 4" CONCRETE SLAB. REINFORCE WITH 5000-PSI 1/2" X 1/2" W/IF PLACED 1-1/2" FROM TOP OF SLAB. TOP OF SLAB EL. = 0'-0" SEE ARCH. FOR EXACT LOCATION AND DEPTH OF RECESSED AREAS.
  - CONTROL JOINTS FOR SLAB ON GRADE SHALL BE PLACED AS SHOWN ON THE DRAWINGS. SEE DETAIL 7/5-3.
  - ON PLAN INDICATES FOOTING TYPE. SEE FOOTING SCHEDULE FOR SIZE AND REINFORCING. SOME FOOTINGS ARE NOT TO SCALE ON PLAN.
  - ON PLAN INDICATES (1) #5 VERTICAL WITH CORES GROUTED FULL. DOWN TO FOOTING AND EXTEND REINFORCING FULL HEIGHT OF BUILDING. IN ADDITION TO REINFORCING SHOWN ON THE PLAN, ALL EXTERIOR WALLS SHALL HAVE MINIMUM VERTICAL REINFORCING OF #5 AT 48" O.C. UNLESS NOTED OTHERWISE. SEE 4/5-1 AND 8/5-3 FOR ADDITIONAL REINFORCING REQUIREMENTS.
  - BRICK IS NOT SHOWN. SEE ARCH. FOR LOCATION.
  - SEE ARCH. FOR DIMENSIONS NOT SHOWN.
  - LOADING DOCK AREA (WALLS AND SLAB) SHALL BE CONCRETE WITH 5000 PSI 28 DAY COMPRESSIVE STRENGTH. (USE 5" SLAB & LOADING DOCK AREA W/6x6 - 6/6 W/IF.)
  - ON PLAN INDICATES CONCRETE COLUMN/PIESTER. SEE COLUMN SCHEDULE FOR SIZE AND REINFORCING.
  - TYPICAL TOP OF FOOTING EL. = (-)1'-4" BELOW TOP OF SLAB. TYPICAL UNLESS OTHERWISE NOTED ON PLAN. TOP OF SLAB EL. = 0'-0"
  - NON-CROSS HATCHED WALLS ON PLAN INDICATE NON-BRG. MAS. (SEE ARCH. FOR LOC.) PROVIDE #5 @ 12" O.C. MAX. VERT. REINF. & KNOCK-OUT BLOCK W/ #5 CONT. @ EL. 10'-0" TYP.

**FOOTING SCHEDULE**

MARK	WIDTH	DEPTH	REINF.	REMARKS
A	24" CONT.	12"	5 #5 CONT. T&B	#4 @ 48" O.C. TRANSVERSE (T&B)
B	3'-6" S2.FT.	12"	4 #5 E.W.	
C	4'-0" S2.FT.	12"	4 #5 E.W.	
D	4'-6" S2.FT.	12"	5 #5 E.W.	
E	5'-0" S2.FT.	12"	5 #5 E.W.	
F	3'-0" S2.FT.	12"	3 #5 E.W.	
G	4'-0" CONT.	12"	4 #5 CONT. T&B	#4 @ 48" O.C. TRANSVERSE (T&B)

NOTE: SOME FOOTINGS SHOWN NOT TO SCALE ON PLAN

**FOUNDATION PLAN**  
SCALE: 1/8" = 1'-0"

**CONCRETE COLUMN SCHEDULE**

COLUMN	SIZE	STEEL	TIES	TYPE	DOWELS
(C-1)	8" x 16"	(4) #6	#3 @ 8" O.C.	DO	DO
(C-2)	8" x 24"	(4) #7	#3 @ 8" O.C.	DO	DO
(C-3)	16" x 16"	(4) #8	#3 @ 12" O.C.	DO	DO
(C-4)	24" x 36"	(10) #8	#3 @ 16" O.C.	DO	DO
(C-5)	36" x 36"	(12) #7	#3 @ 16" O.C.	DO	DO

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1029

**FOUNDATION PLAN**  
NEW MAIN POST OFFICE  
DAVENPORT FLORIDA

**Lunz and Associates, Inc.**  
ARCHITECTS  
44 LAKE MORTON DRIVE  
LAKELAND, FLORIDA 33801 (813) 682-1882

**PAUL J. FORD AND COMPANY**  
STRUCTURAL ENGINEERS  
1321 U.S. HIGHWAY 19 S.W.  
CLEARWATER, FLORIDA 33546  
(813) 555-5582

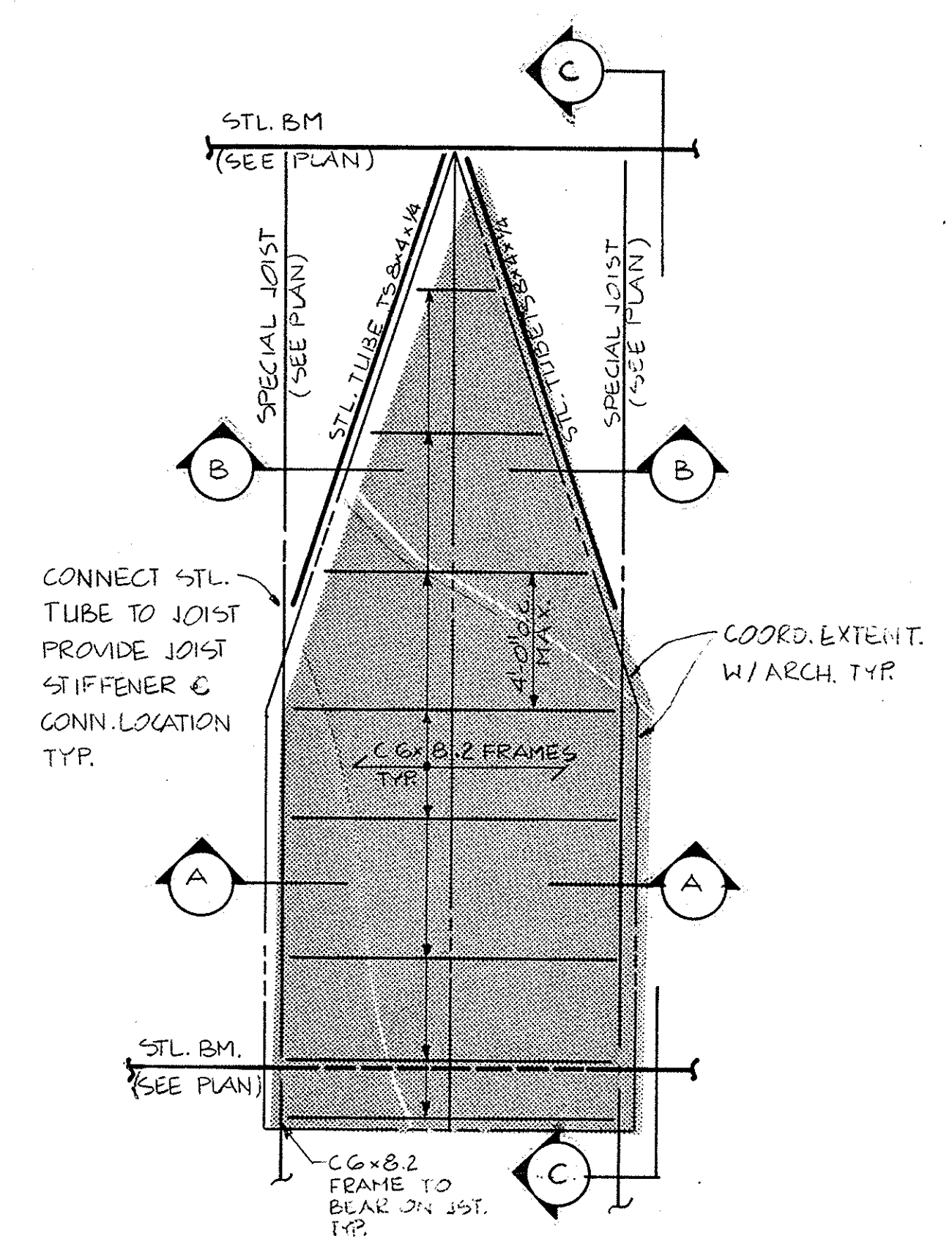
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**S-1**  
8721

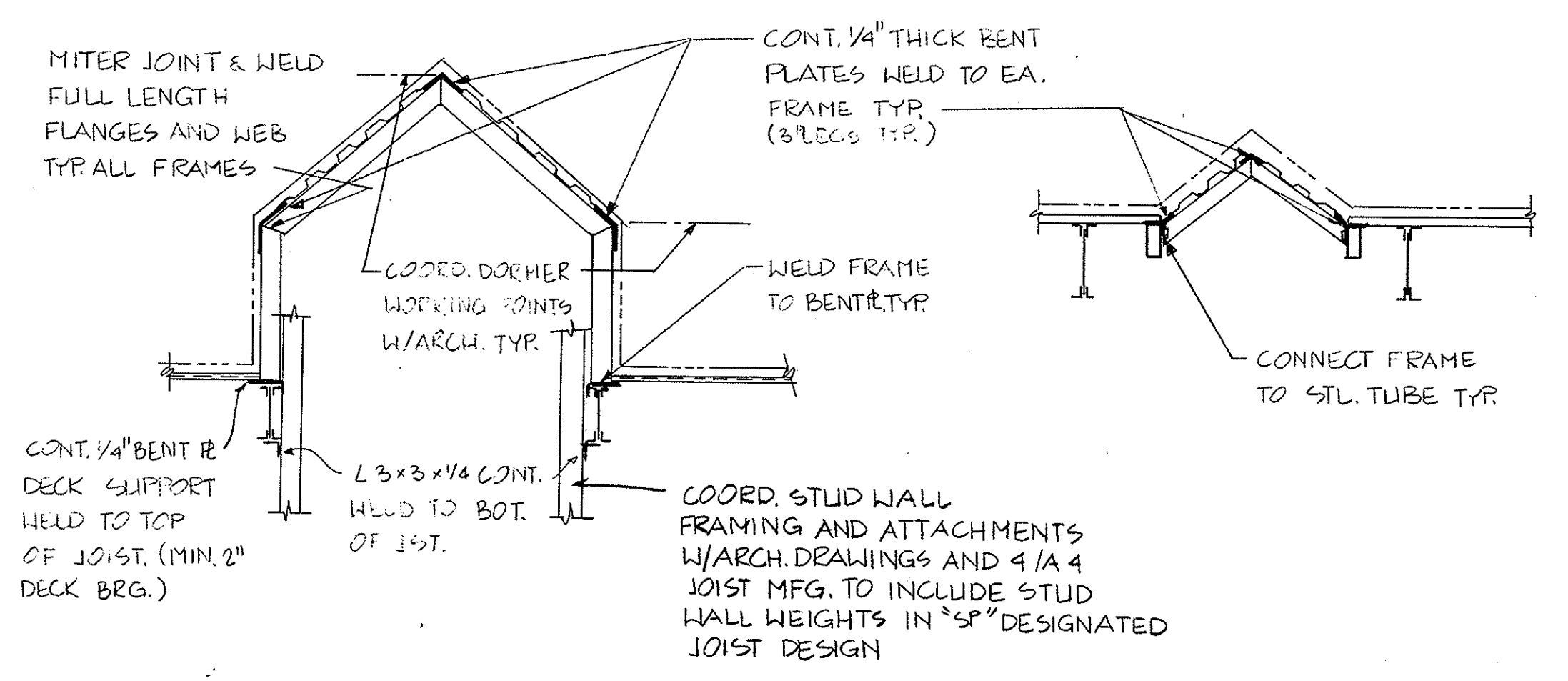


ROOF FRAMING PLAN NOTES

- SEE S-4 FOR GENERAL NOTES.
- ROOF DECK SHALL BE 1-1/2" DEEP 22 GAUGE INTERMEDIATE RIB STEEL DECK.
- DECK WELDING SHALL BE 5/8" PUDDLE WELDS @ 12" O.C. AT ALL PANEL ENDS AND INTERMEDIATE SUPPORTS. 1-1/2" SIDE LAP WELDS BETWEEN EACH SUPPORT AT EACH PANEL EDGE.
- MAXIMUM JOIST SPACING SHALL BE 6'-0" O.C. JOIST MFG. TO PROVIDE COMPLETE SHOP DRAWINGS SHOWING LAYOUT.
- "SP" DENOTES SPECIAL JOIST TO BE DESIGNED BY JOIST MFG. FOR CONCENTRATED LOADS, STUD WALL LOADS AND/OR TOP CHORD EXTENSIONS. (SEE GEN. NOTES #5 AND #15).
- SEE GENERAL JOIST NOTE #11 FOR JOIST UPLIFT REQUIREMENTS.
- SEE BEAM SCHEDULE AND NOTES ON S-3.

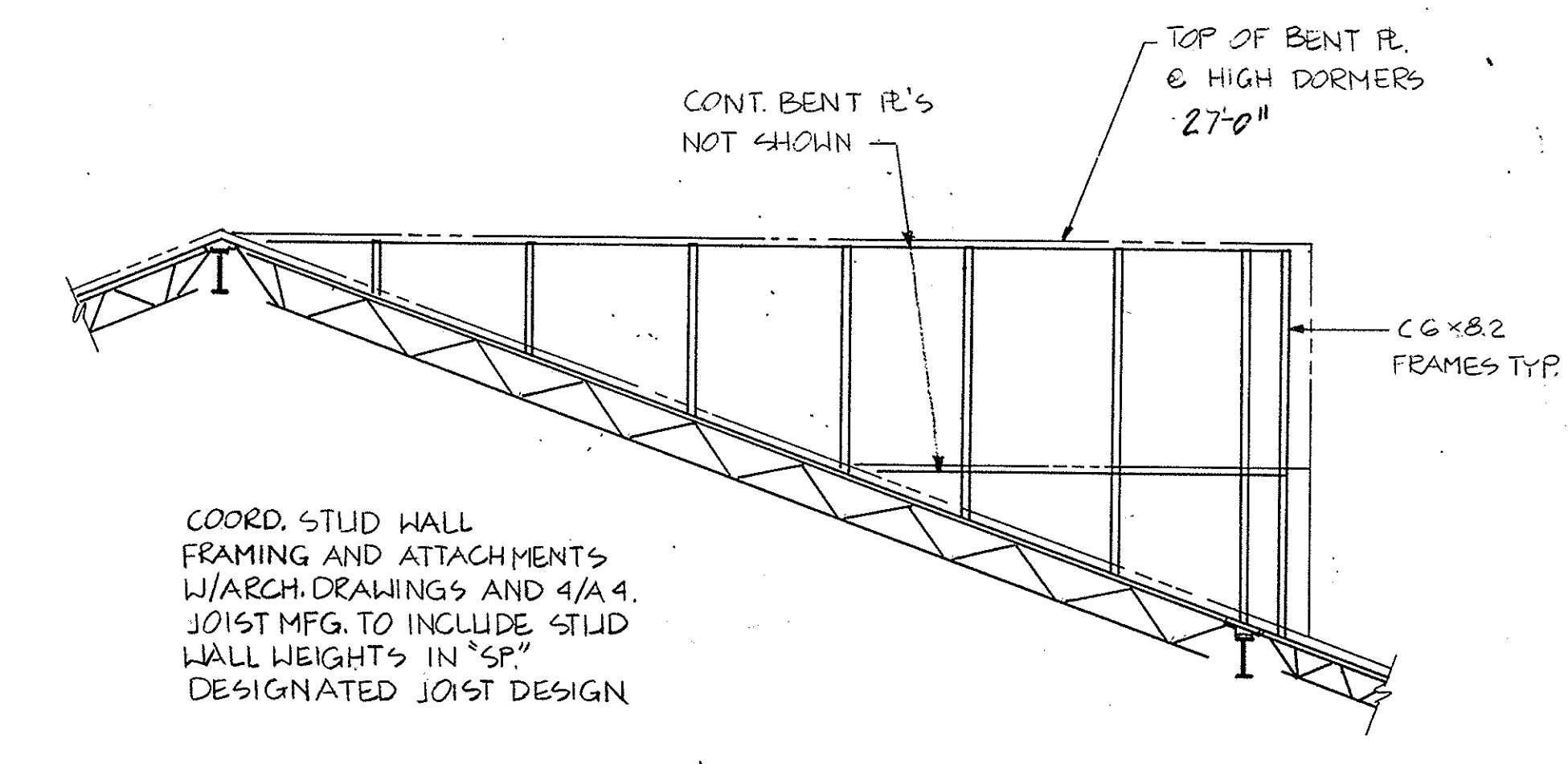


TYP. DORMER FRAMING PLAN (SIZE OF DORMER VARIES - SEE PLAN AND ARCH. DRAWINGS.)

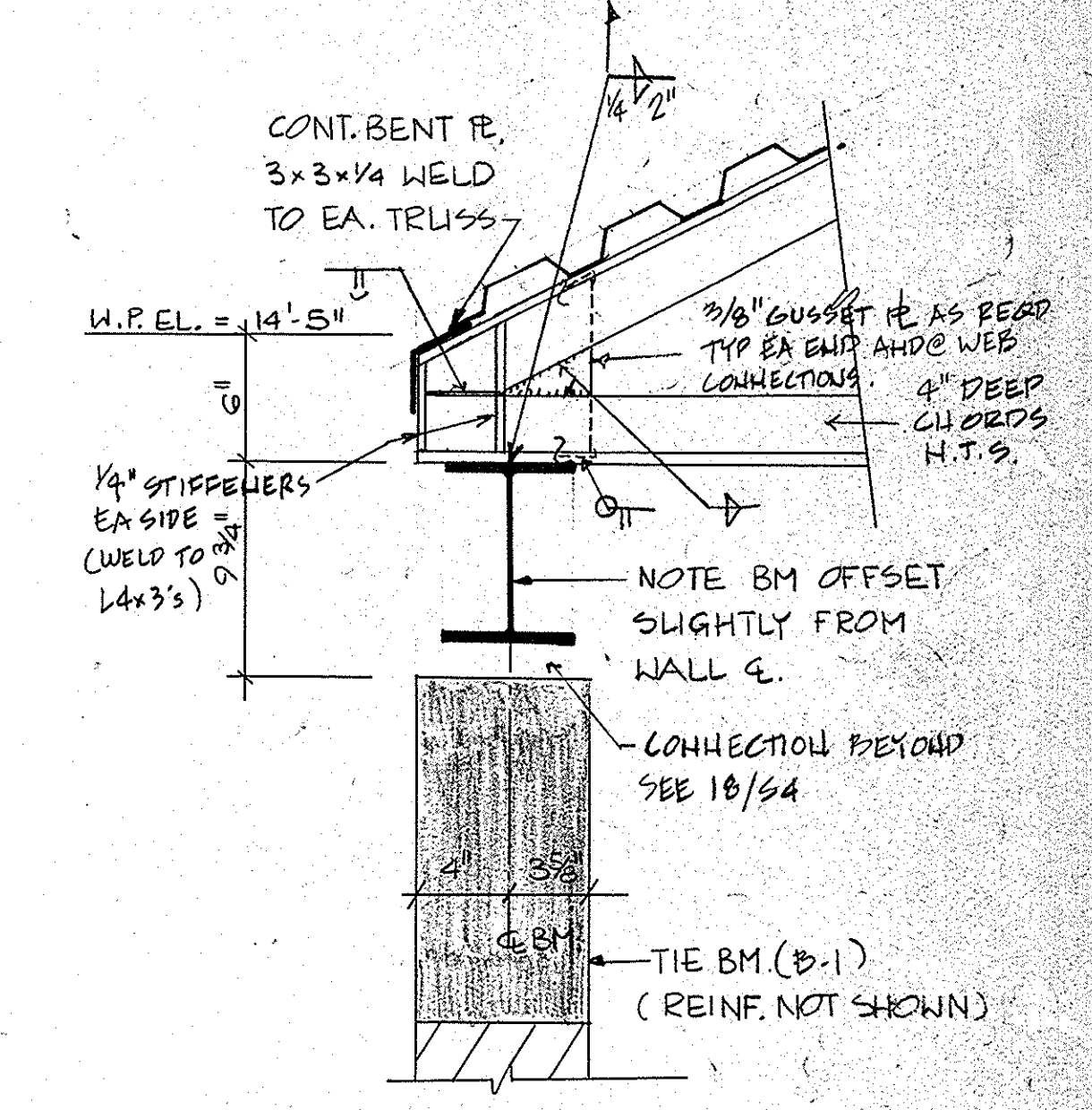


SECTION A SCALE: 1/4" = 1'-0"

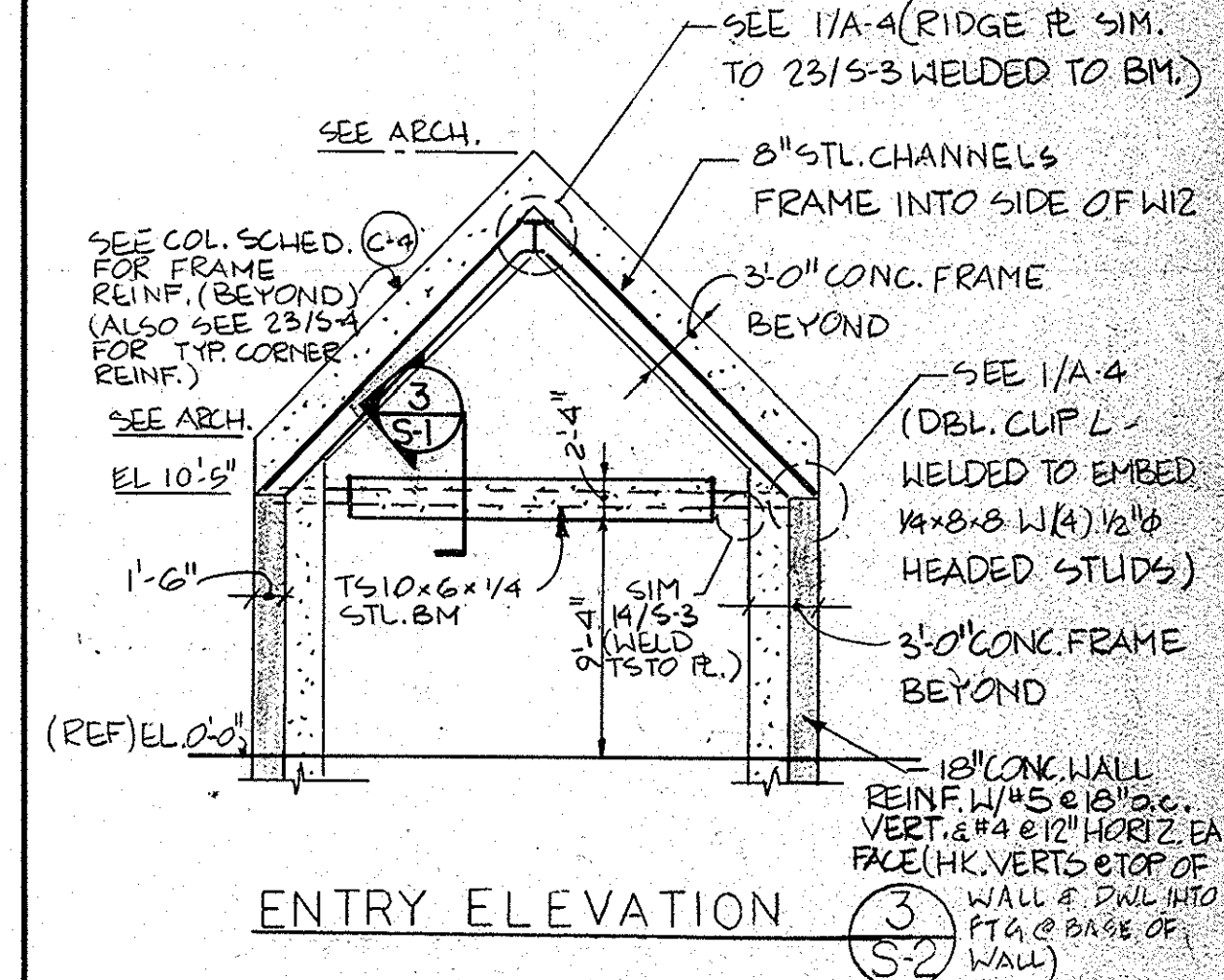
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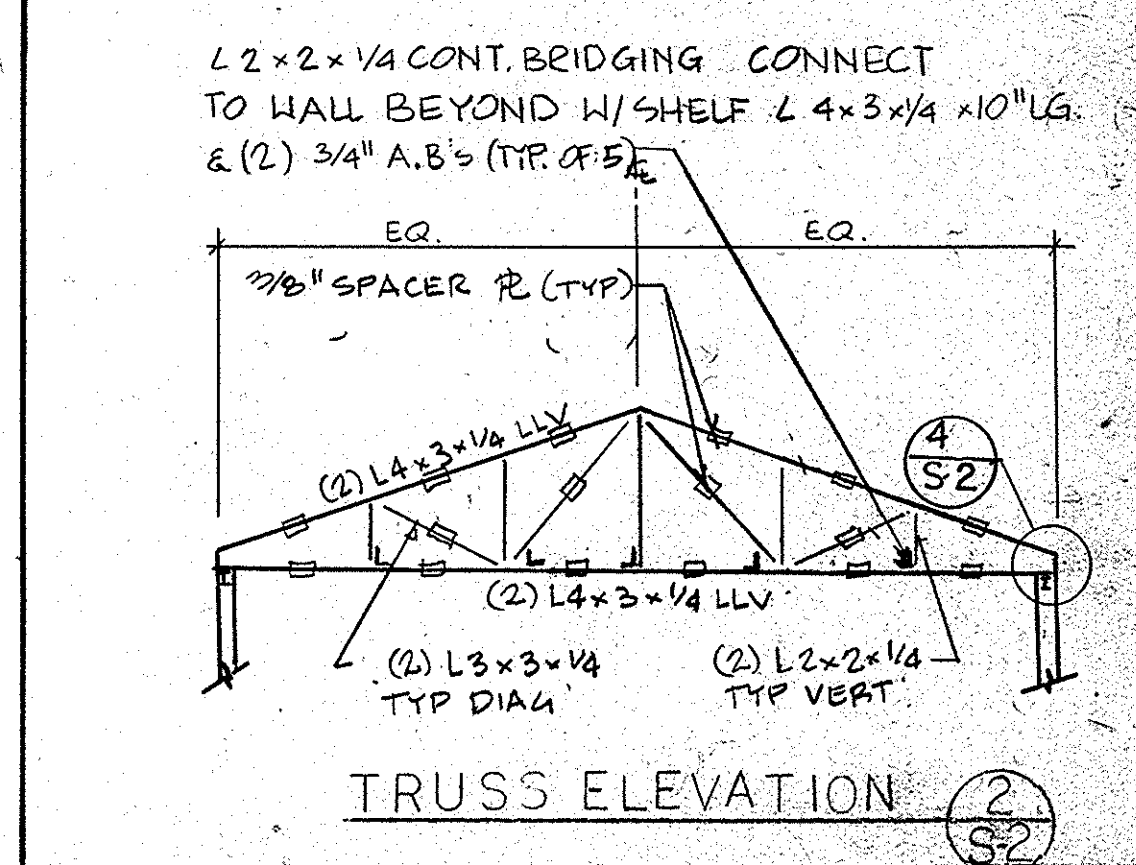
SECTION C SCALE: 1/4" = 1'-0"



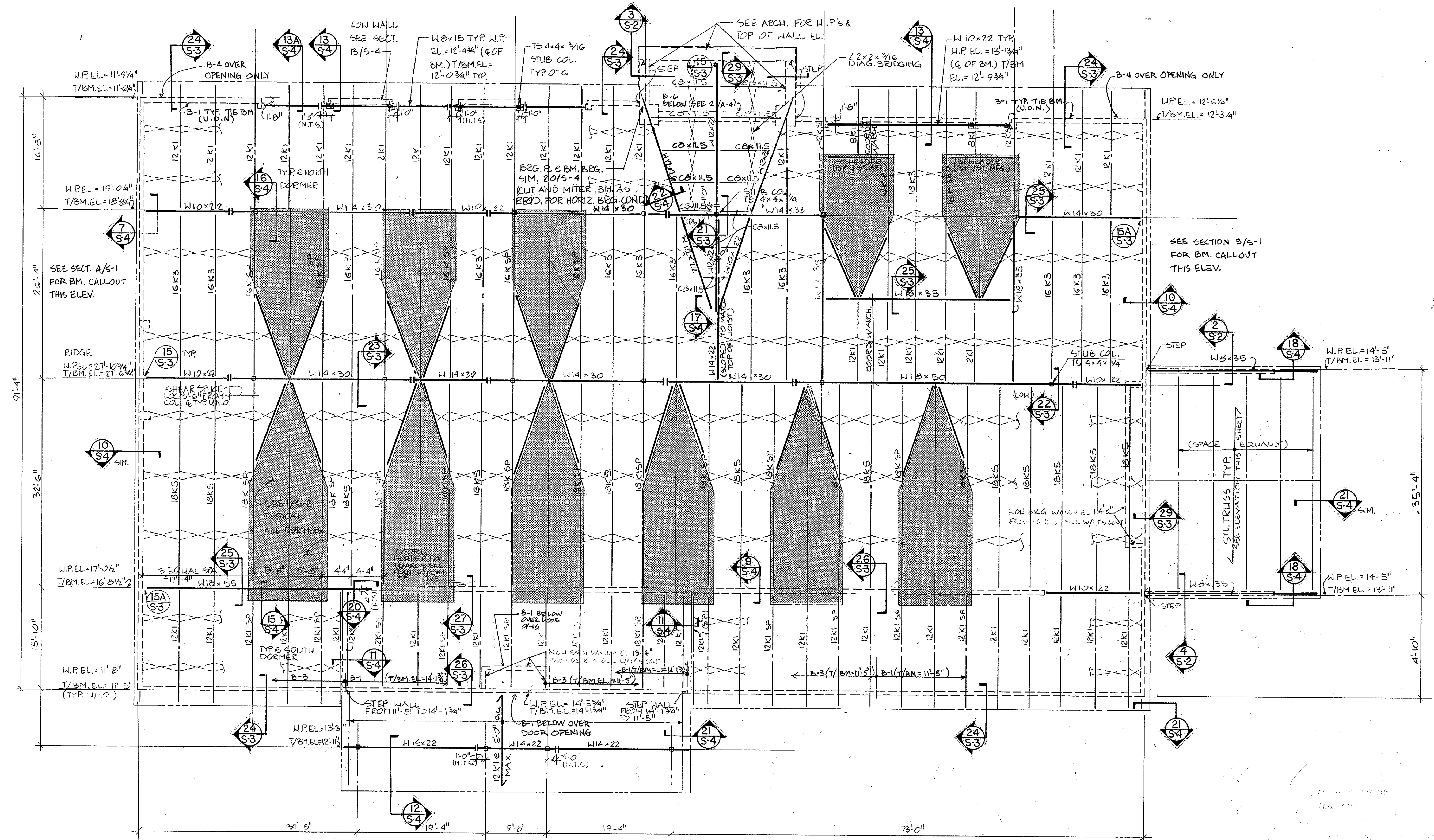
SECTION 4 SCALE: 1/4" = 1'-0"



ENTRY ELEVATION



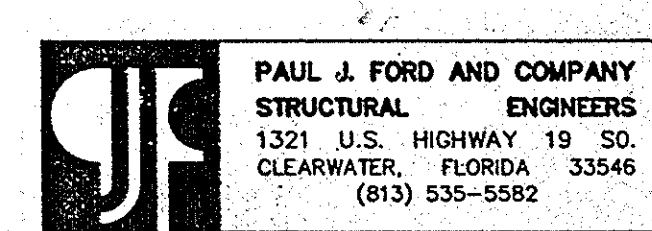
TRUSS ELEVATION



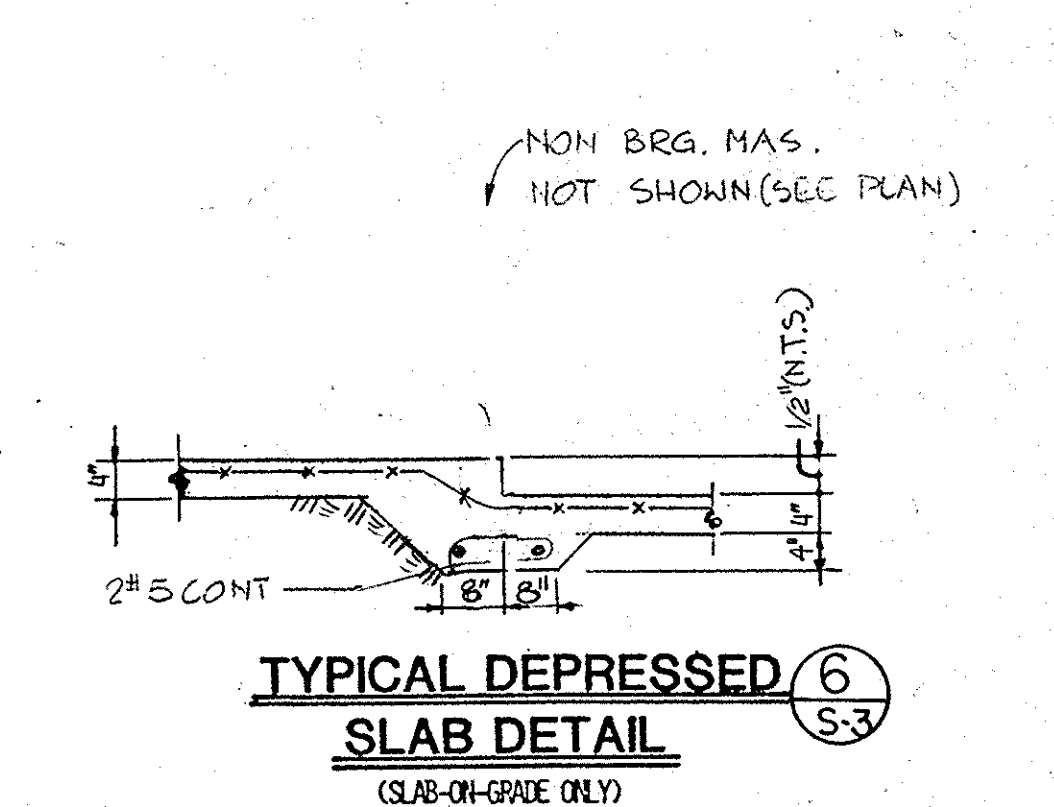
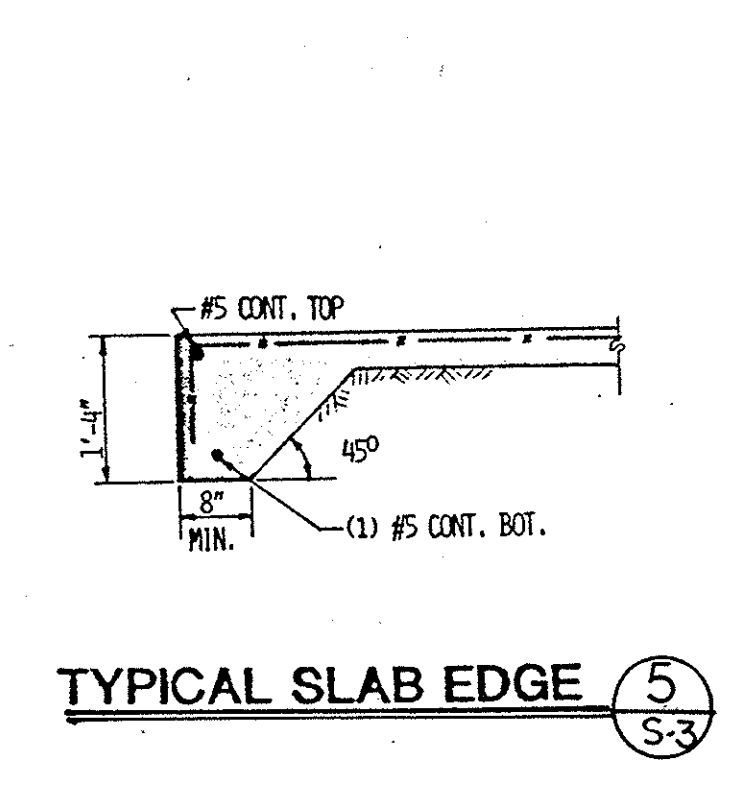
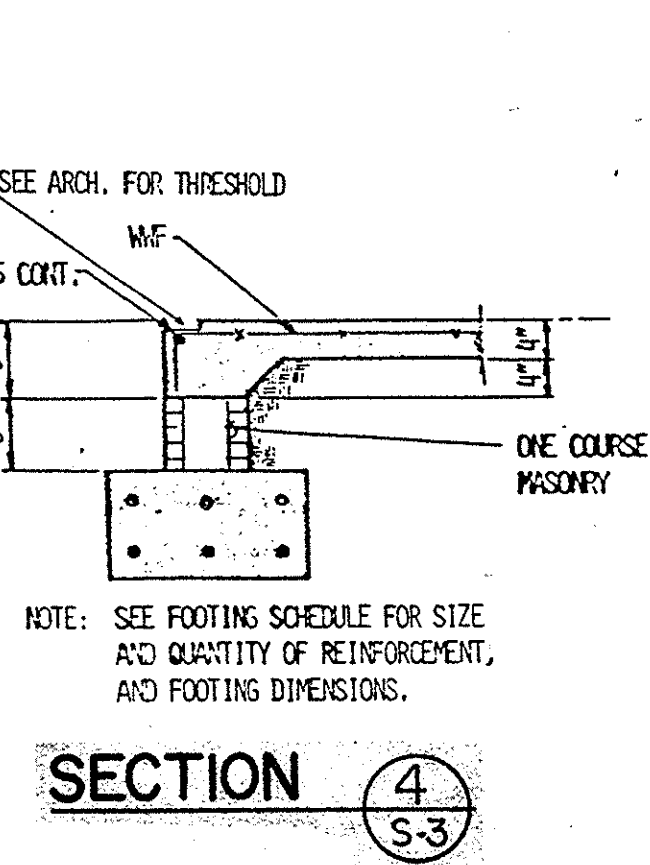
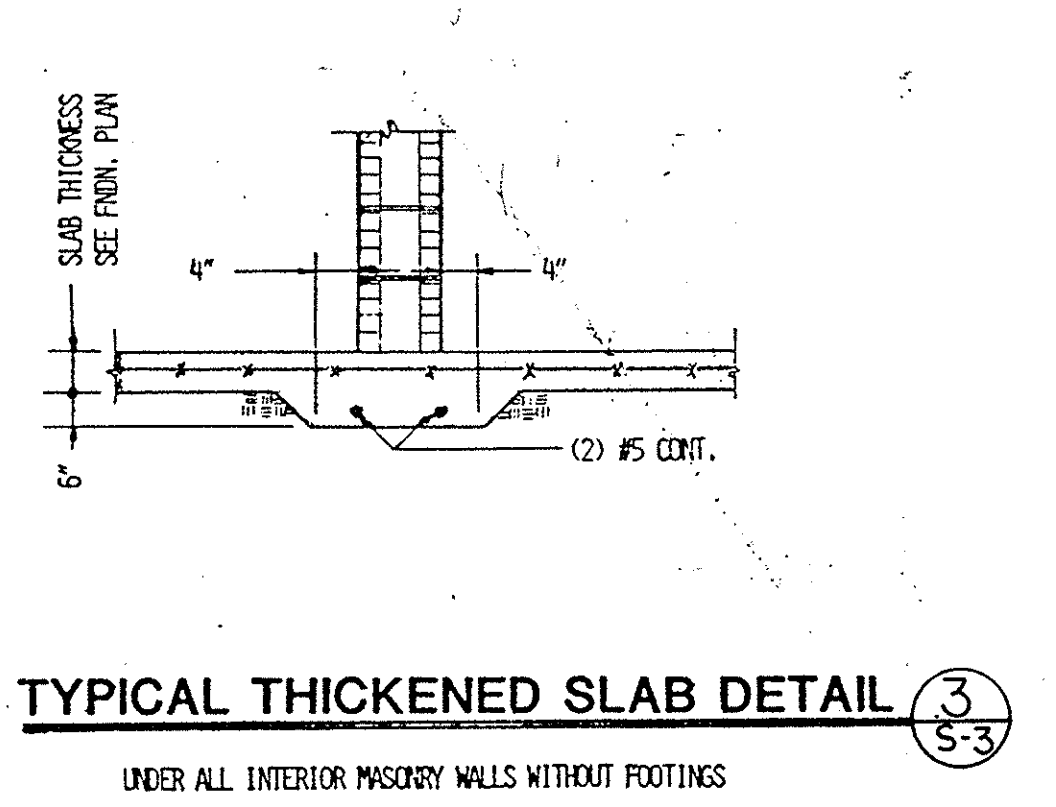
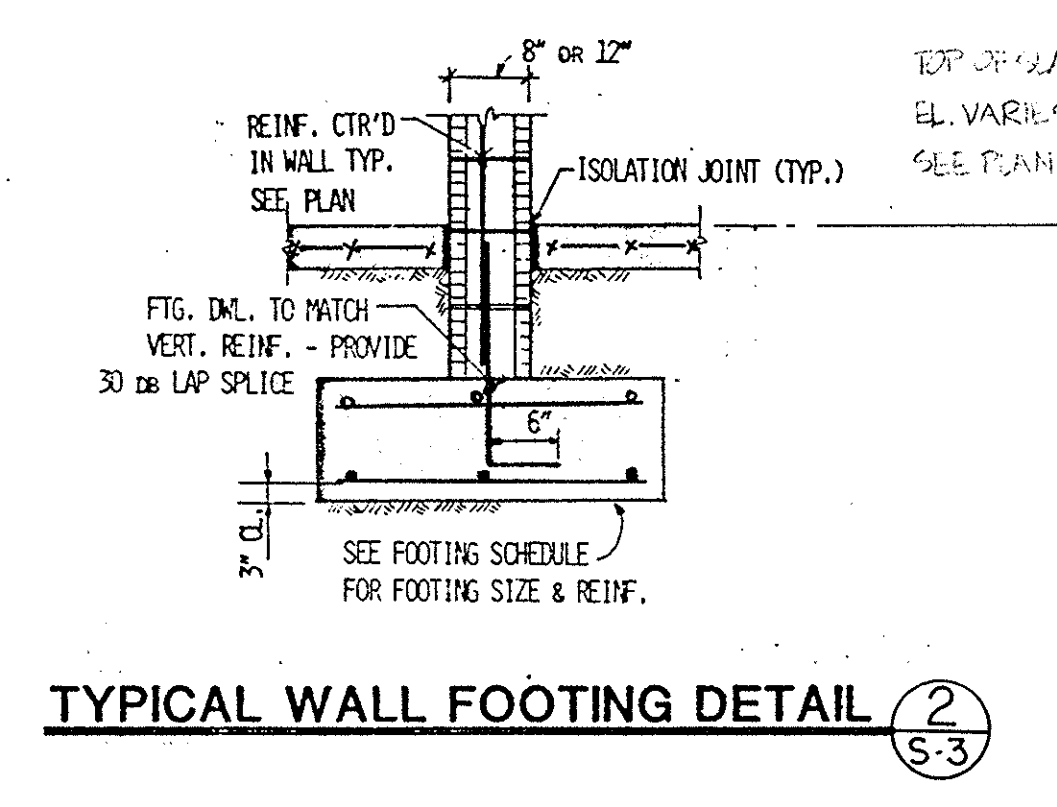
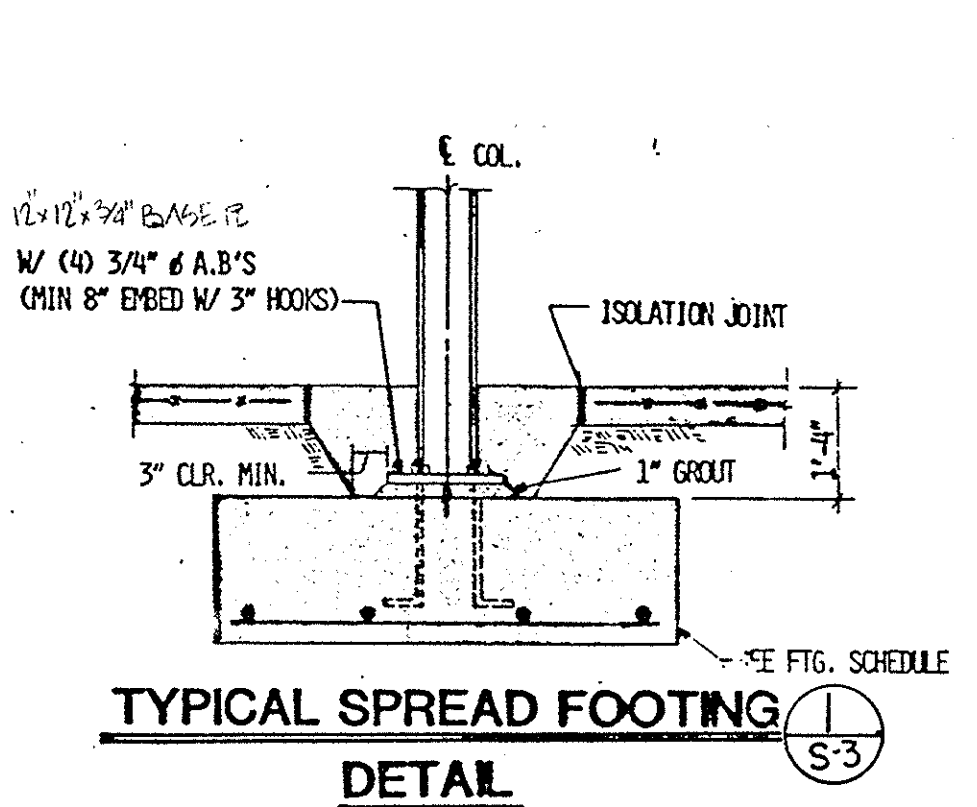
ROOF FRAMING PLAN SCALE: 1/8" = 1'-0"

UNITED STATES POSTAL SERVICE  
 FACILITIES SERVICE OFFICE  
 551 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1020

REVISION 2 ISSUED		ROOF FRAMING PLAN	
ISSUED FOR CONSTRUCTION	1/1/88	NEW MAIN POST OFFICE	
ISSUED FOR APPROVAL	3/1/88	DAVENPORT	FLORIDA
ISSUED FOR REVIEW	3/1/88	Lunz and Associates, Inc. ARCHITECTS	
APPROVED BY	[Signature]	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1882	S-2
CHECKED BY	[Signature]		8721
DRAWN BY	[Signature]		

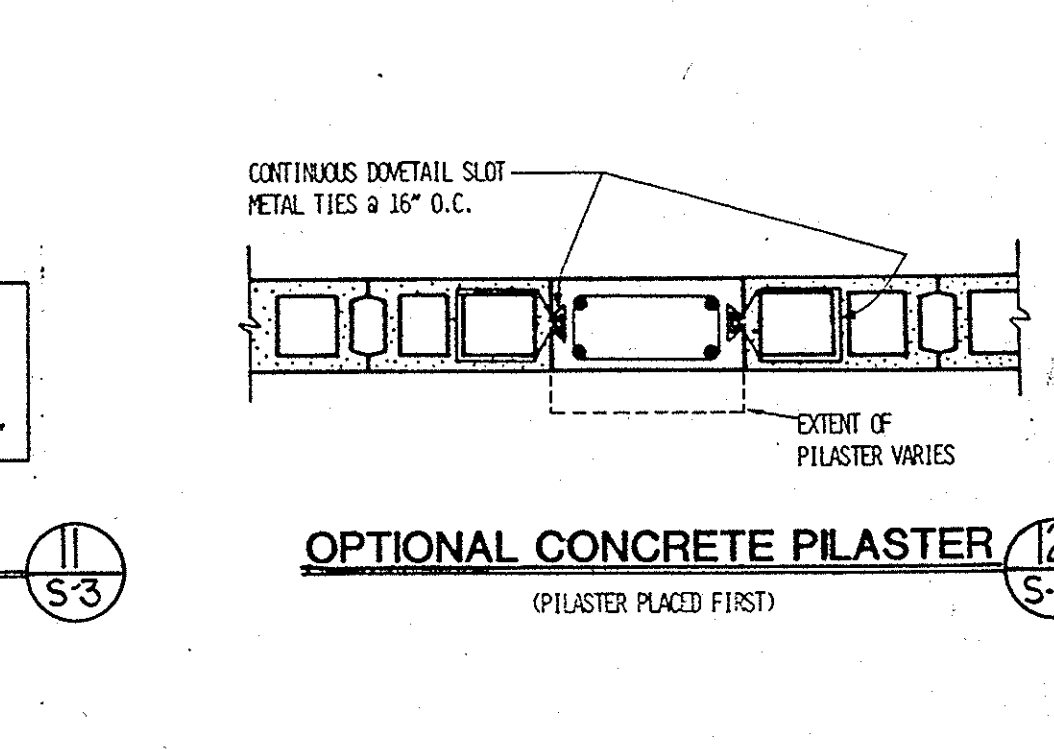
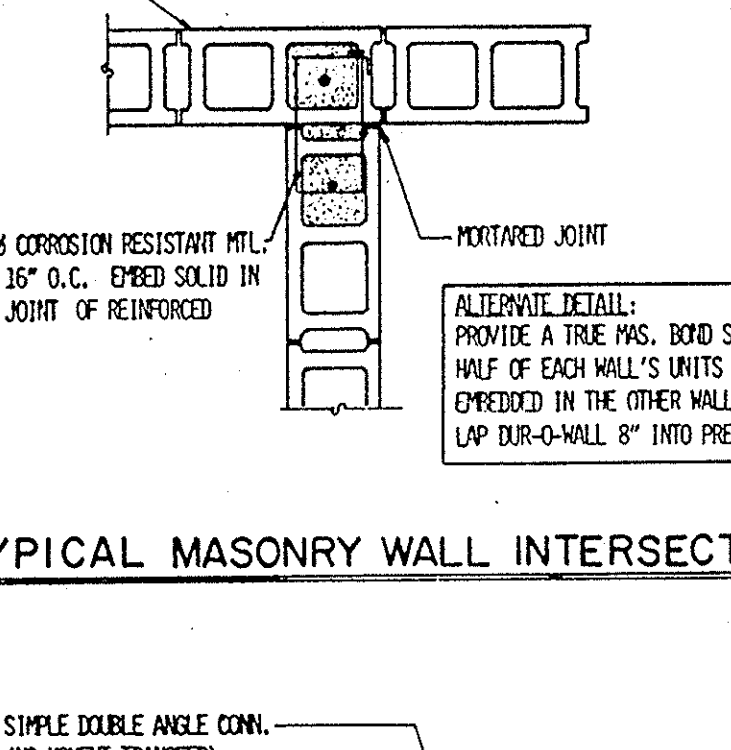
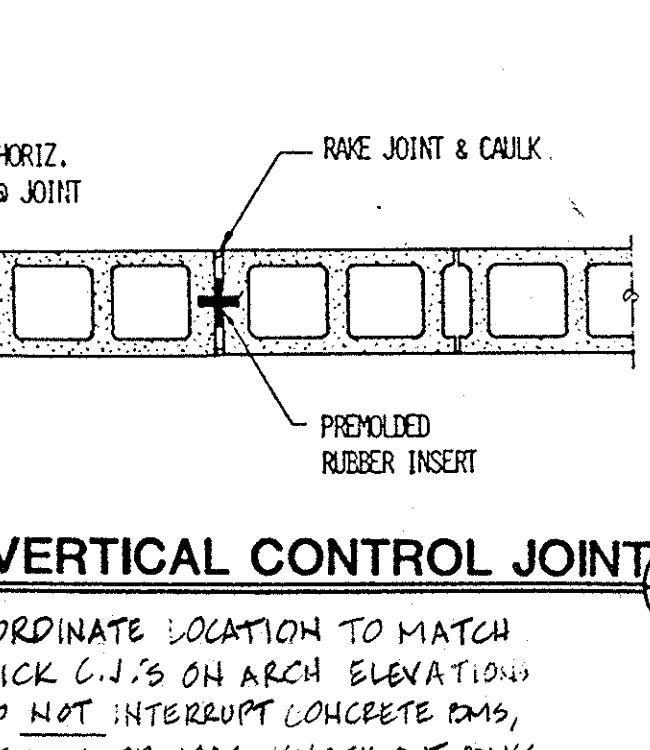
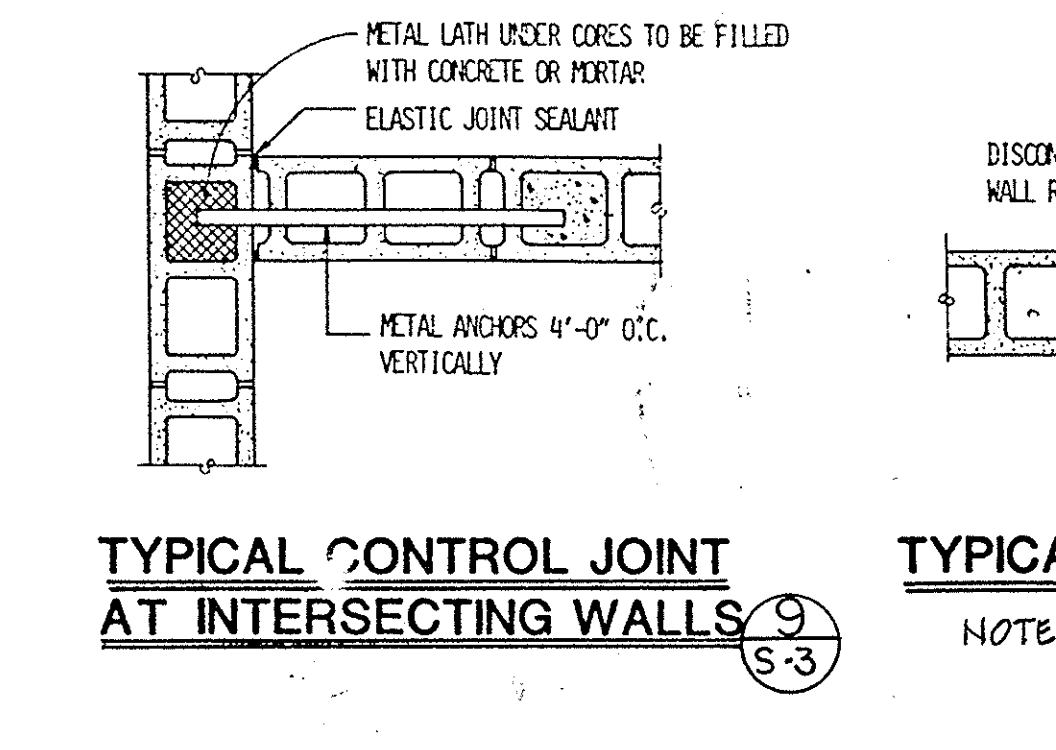
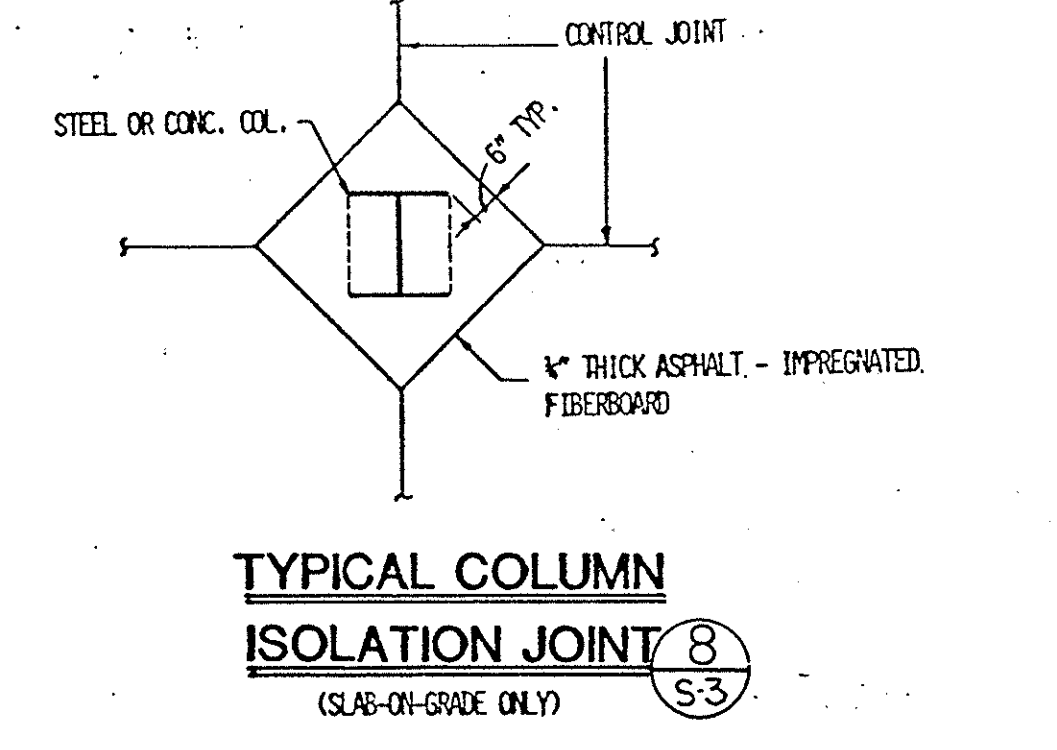
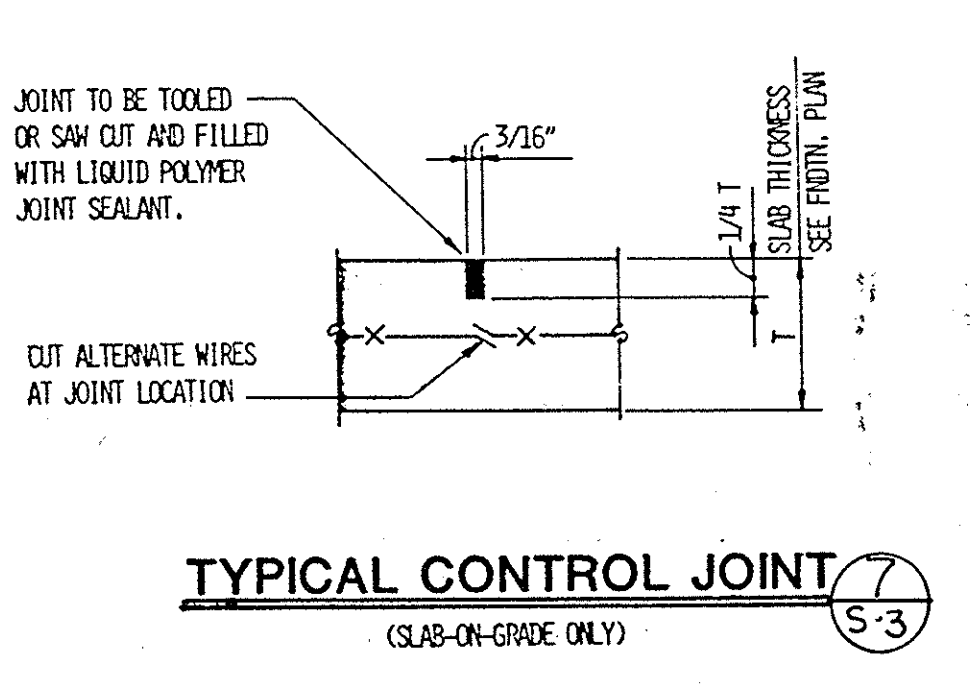




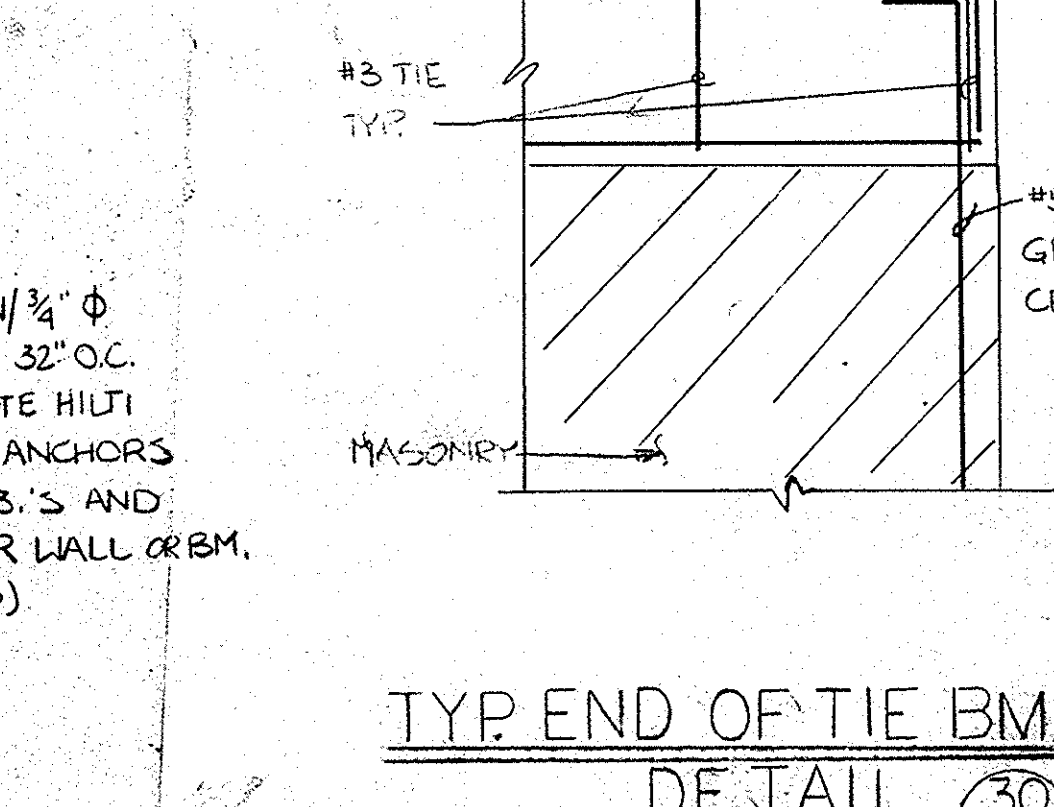
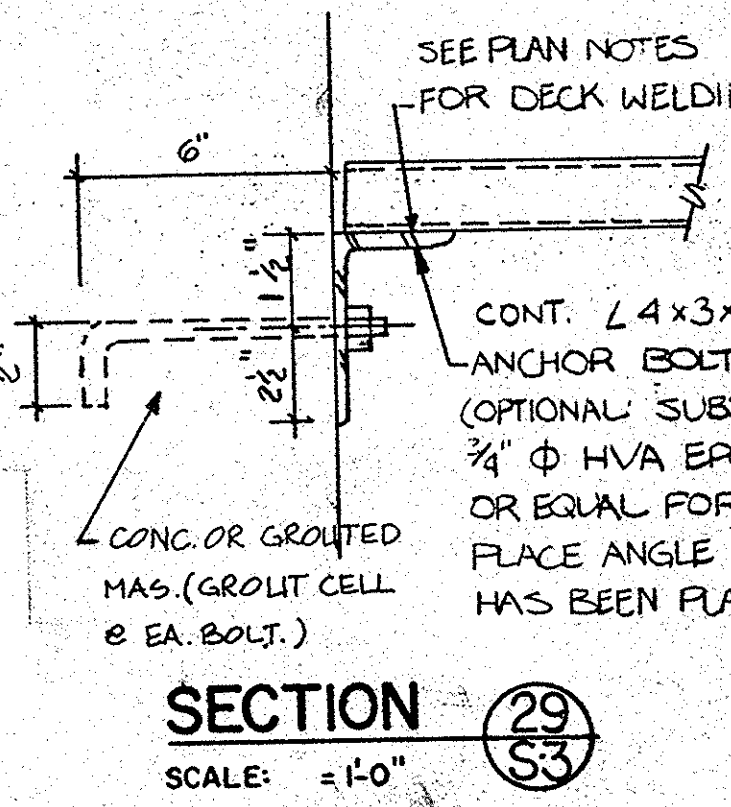
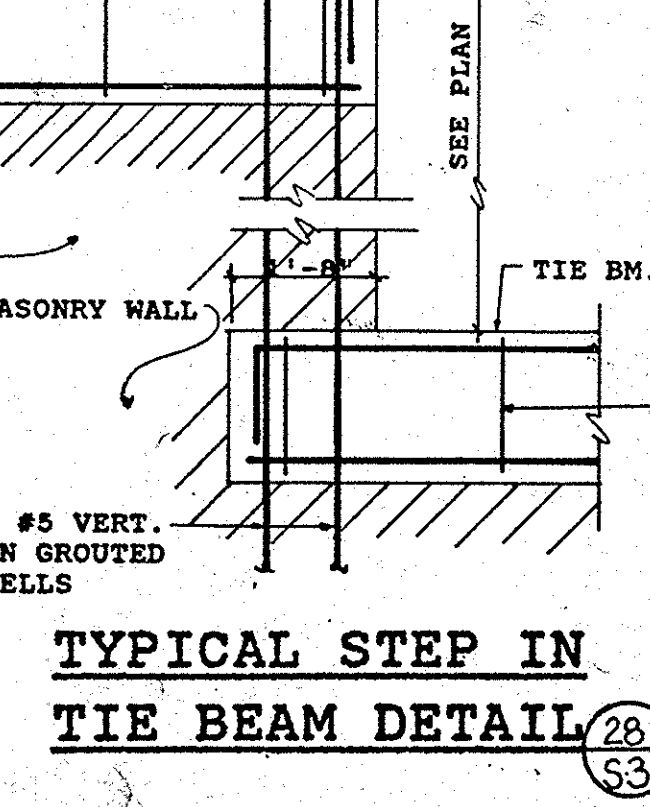
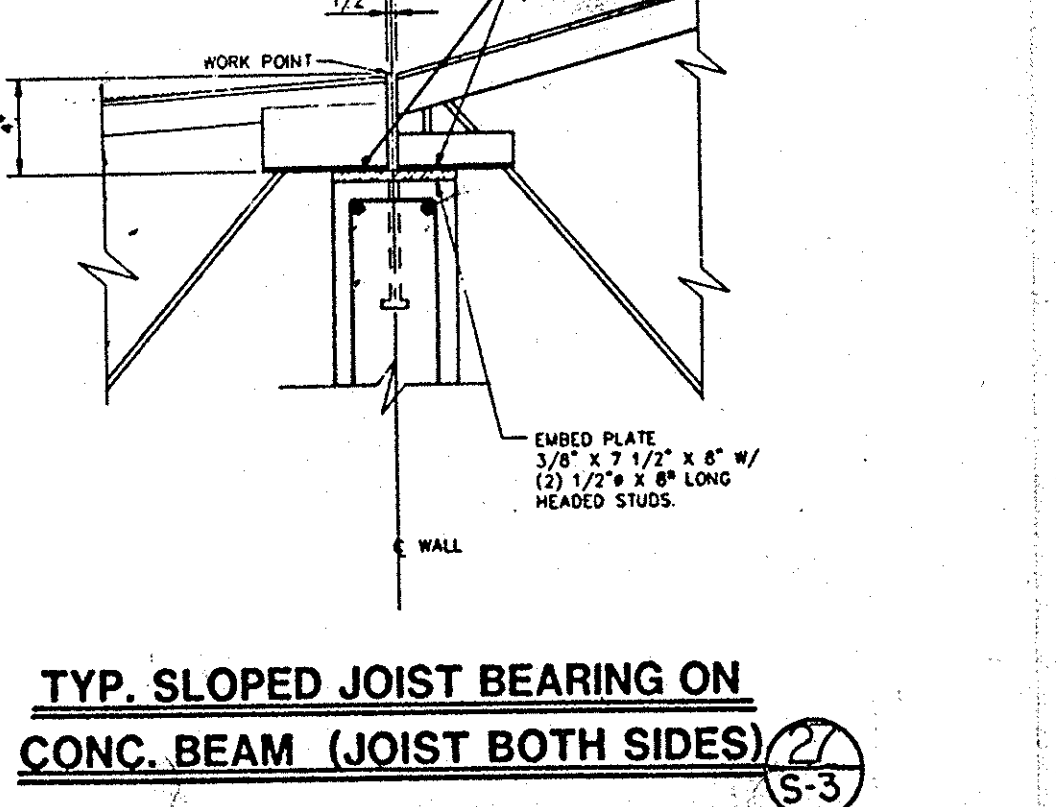
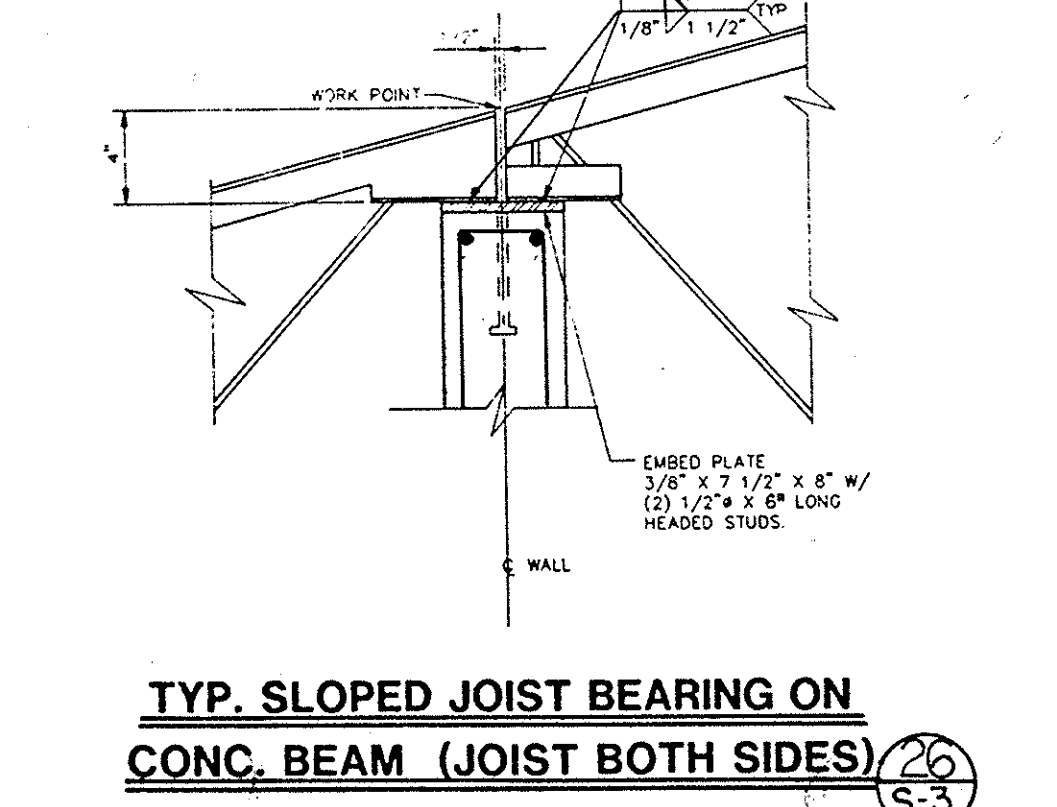
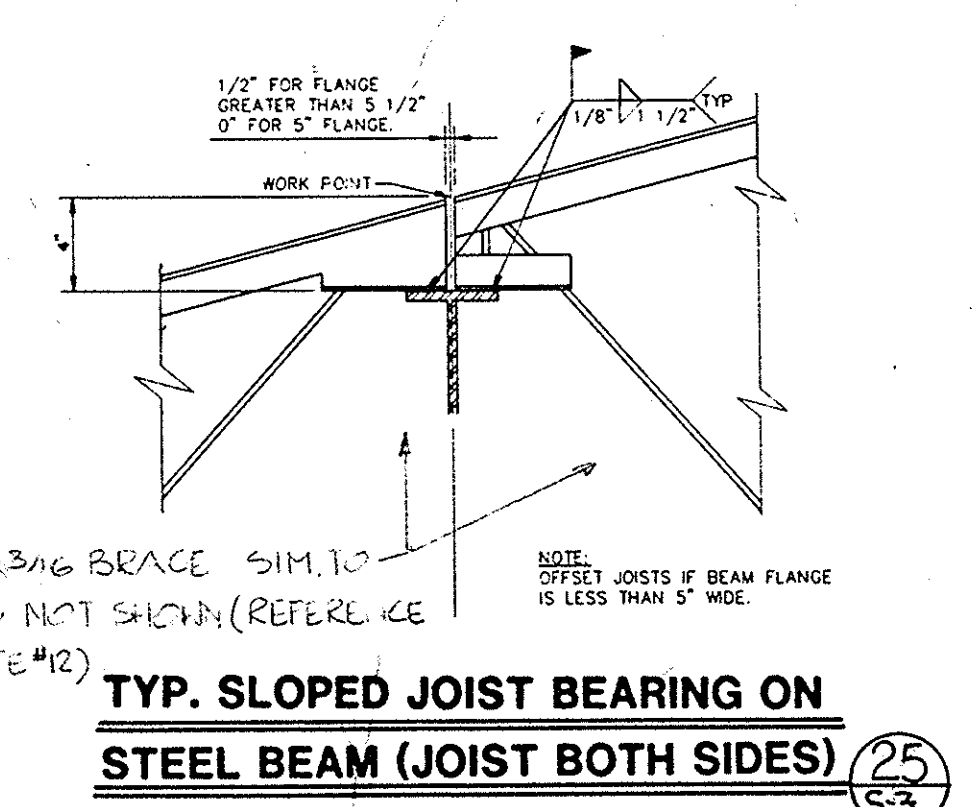
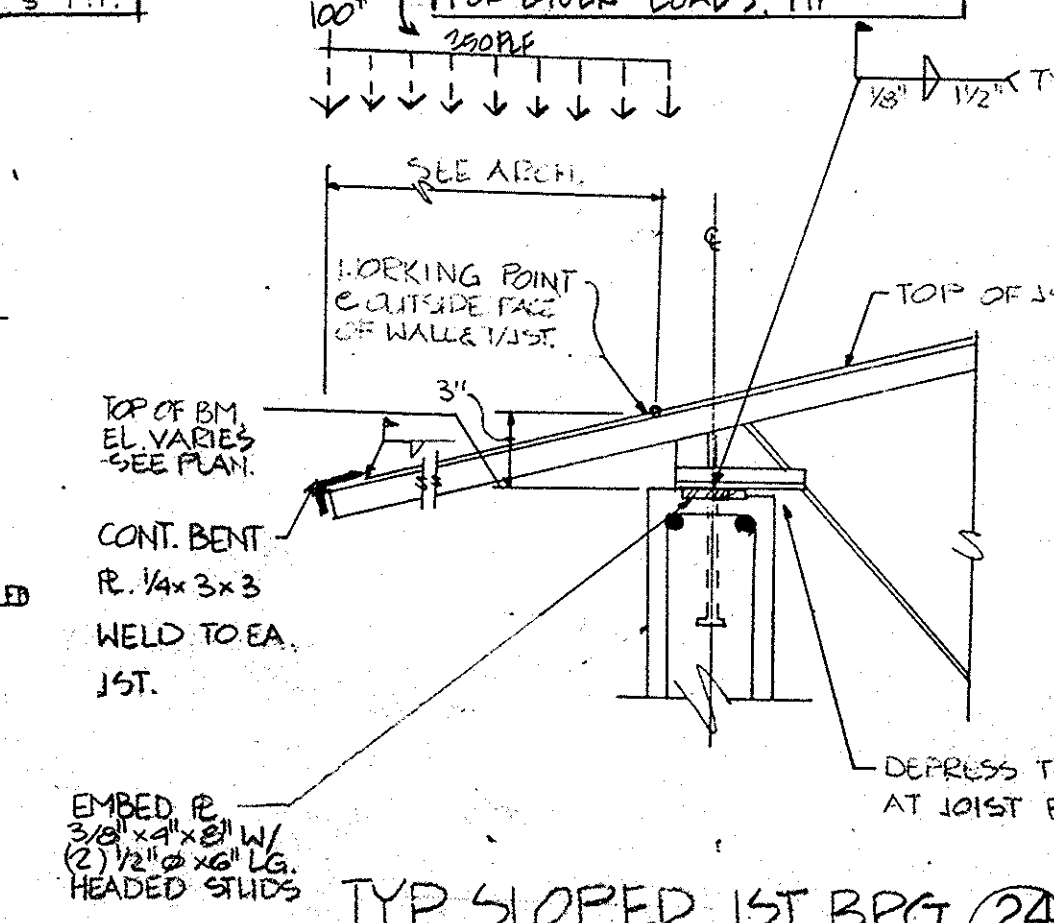
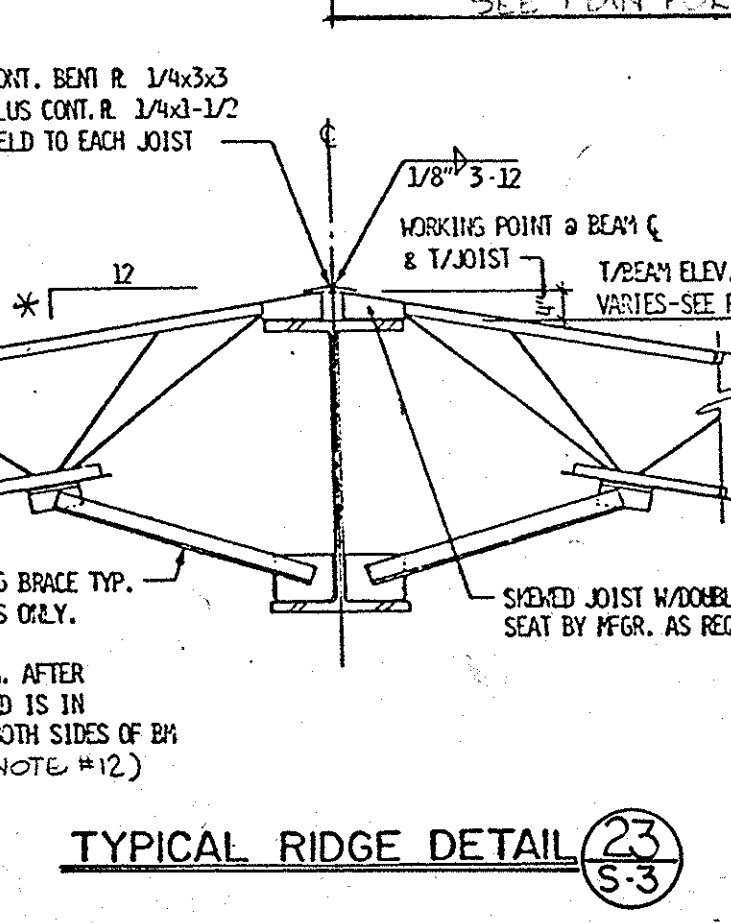
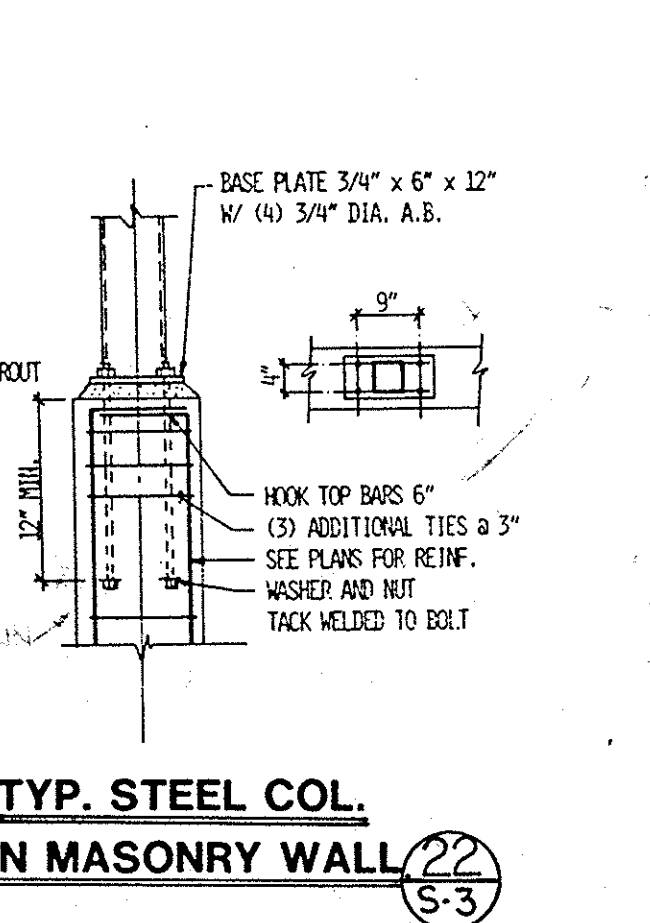
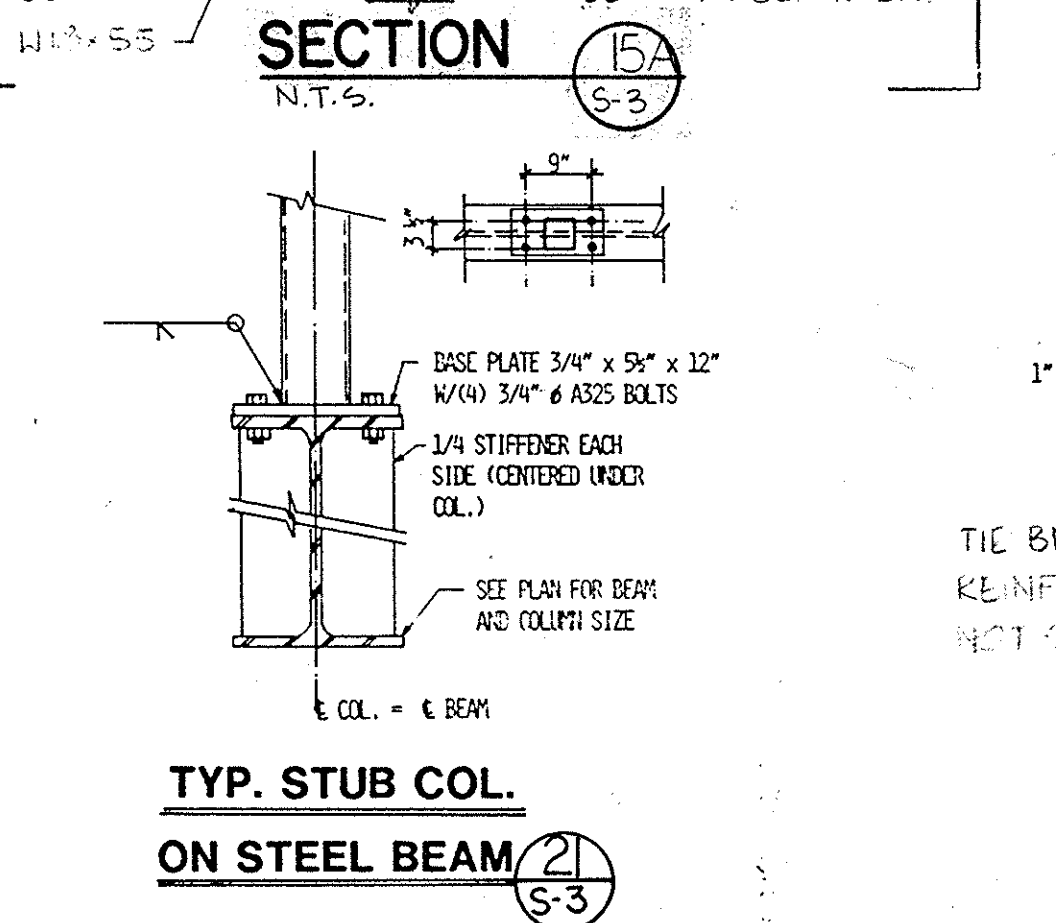
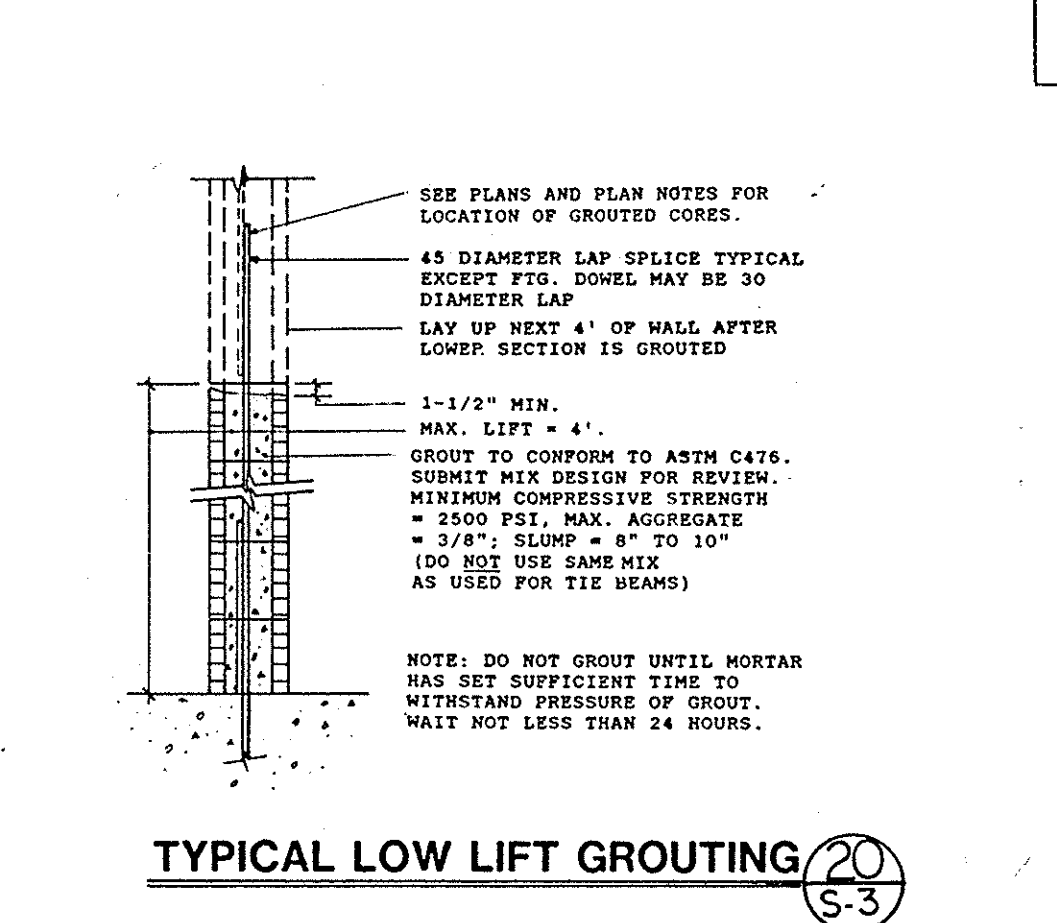
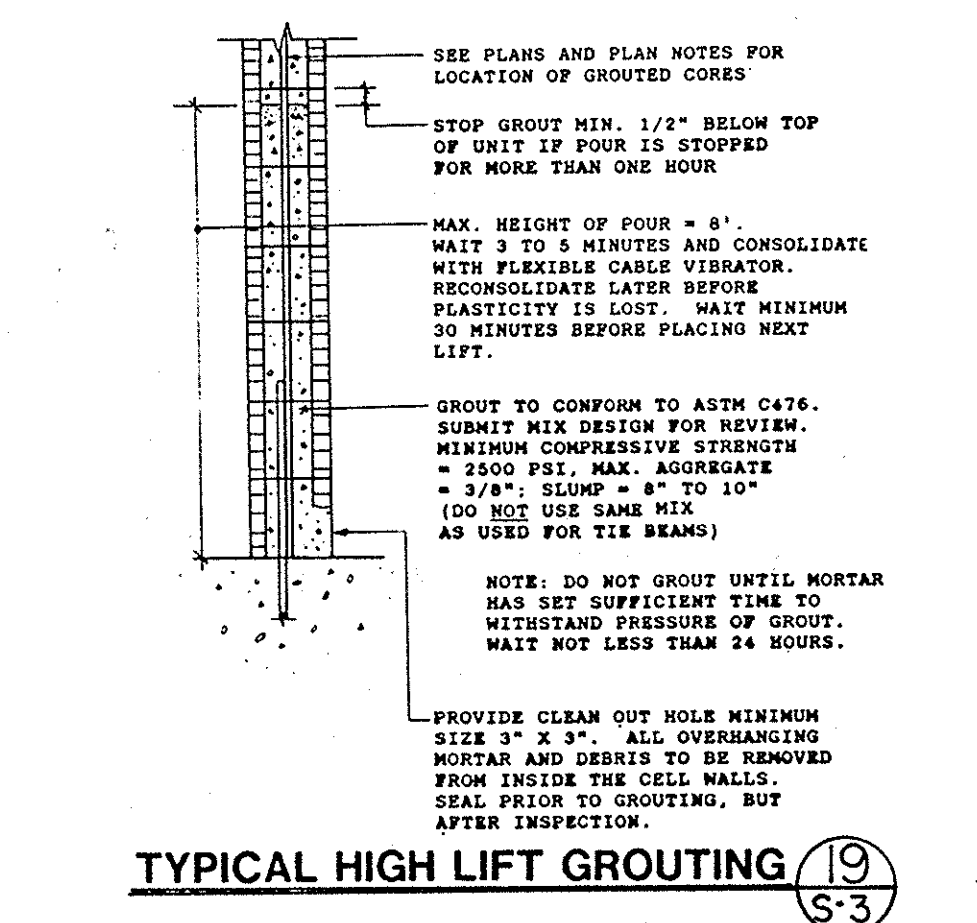
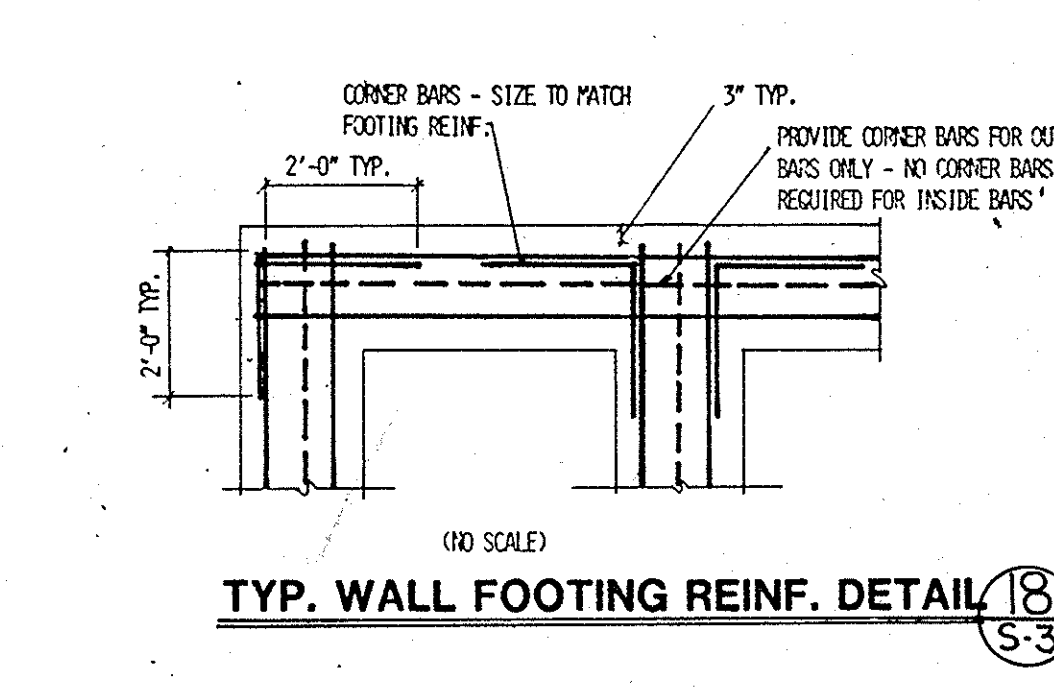
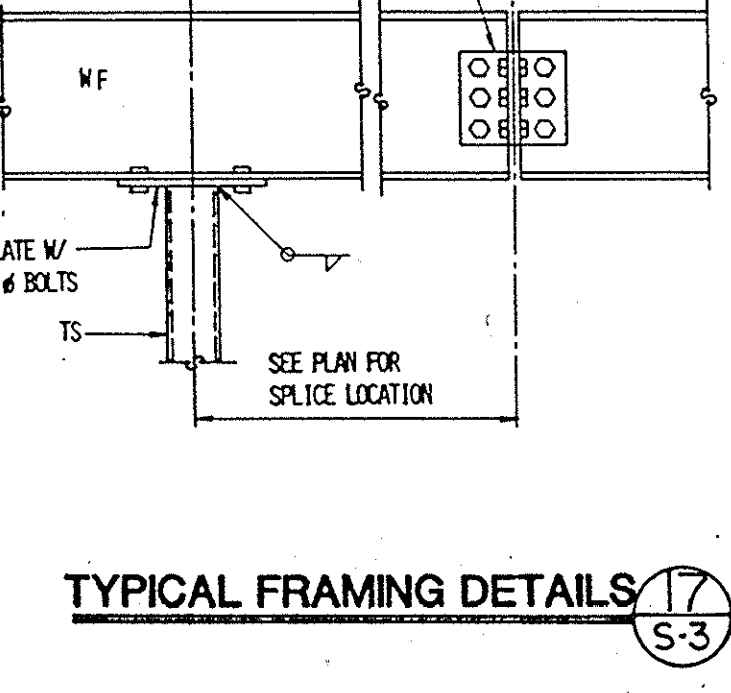
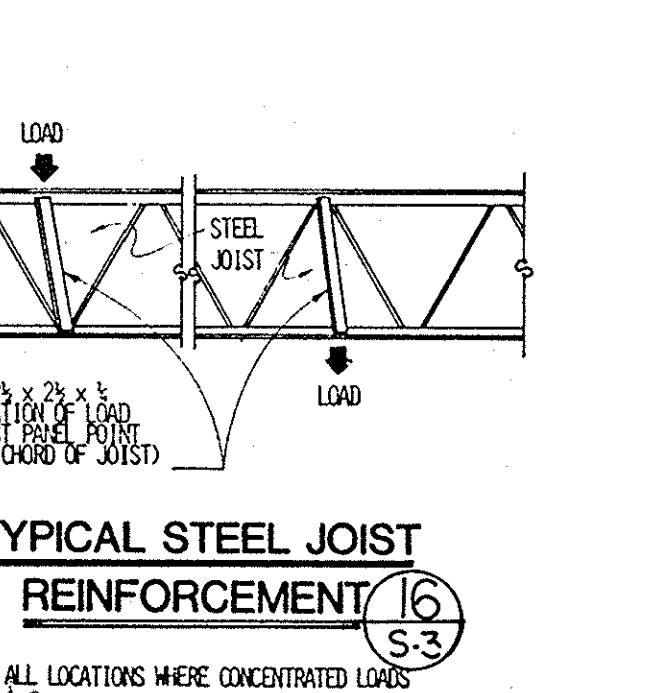
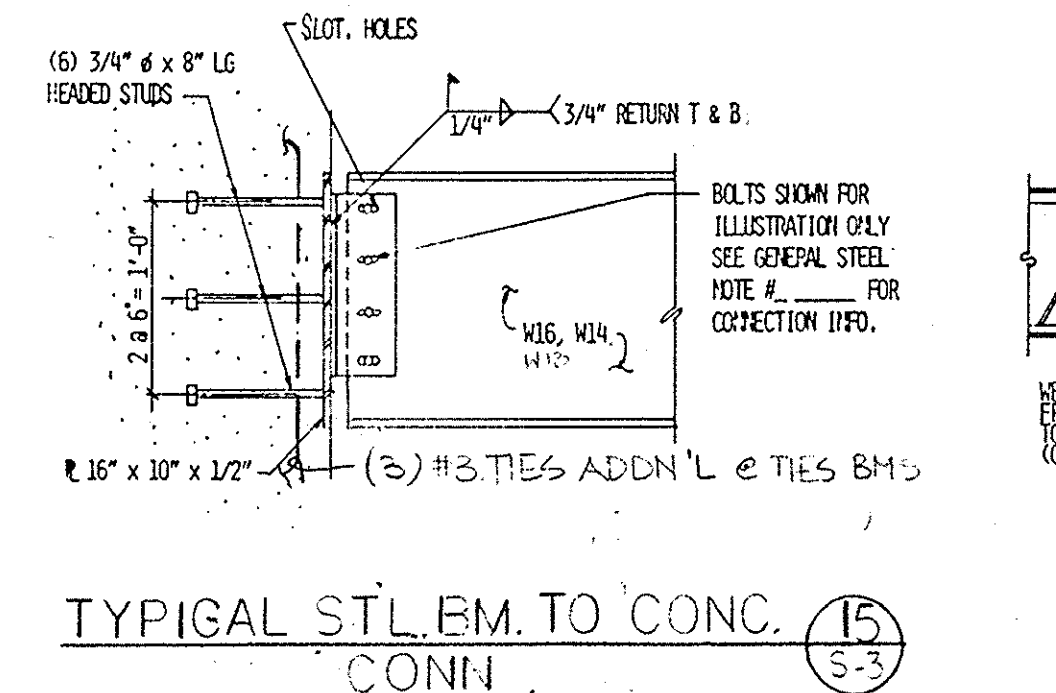
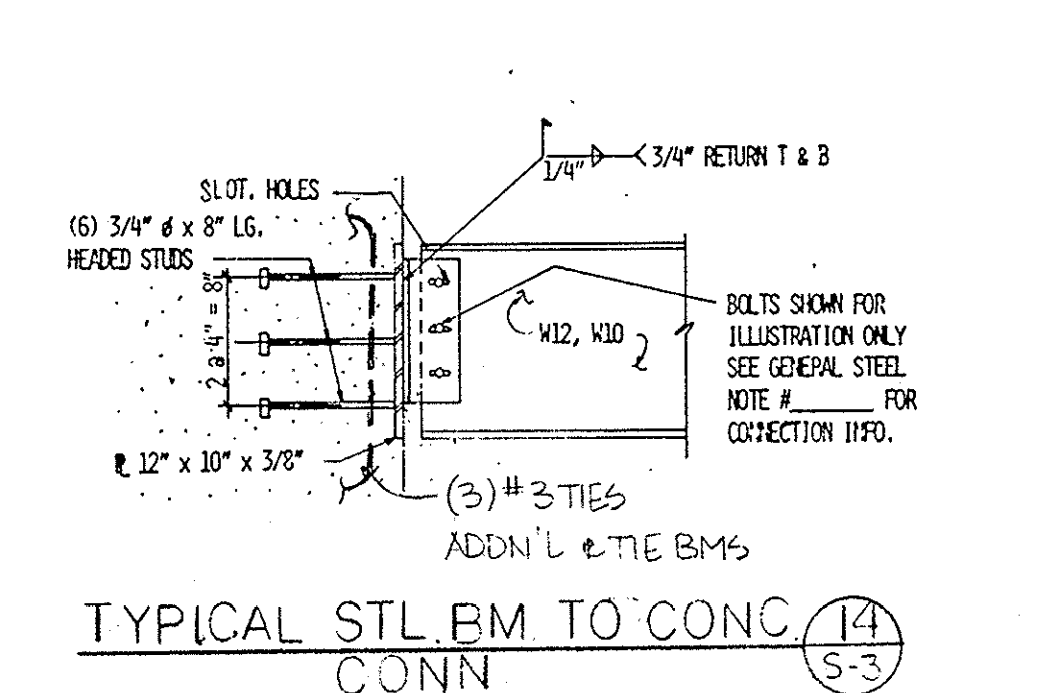
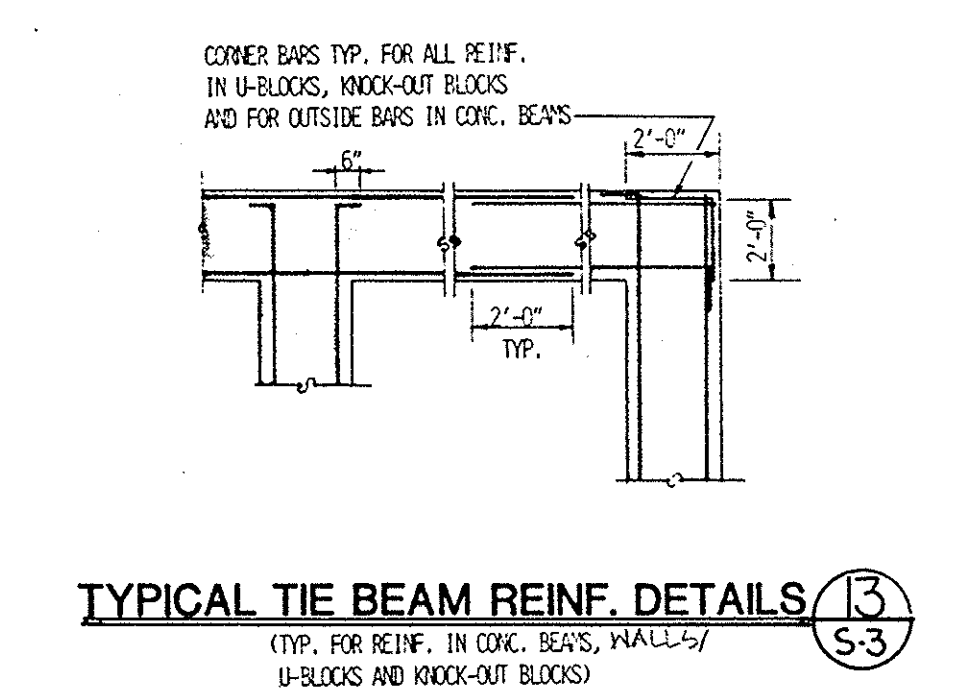


CONCRETE BEAM SCHEDULE						
MARK	WIDTH	DEPTH	REIN. TOP	REIN. BOT	STIRRUPS	REMARKS
B-1	8"	16"	2#5	2#5	#3@16" O.C.	SEE NOTE #1 BELOW
B-2	8"	24"	2#8	2#8	#3@16" O.C.	
B-3	8"	25"	2#7	2#7	#3@16" O.C.	
B-4	8"	26 1/2"	2#5	2#5	SEE B-1	
B-5	8"	32"	4#7	2#7	#3@16" O.C.	
B-6	15"	28"	2#8	2#8	#3@16" O.C.	
B-7	8"	16"	2#5	2#5	#3@16" O.C.	

\* STIRRUPS #3 @ 6" O.C. OVER OPENINGS GREATER THAN 4'-0"

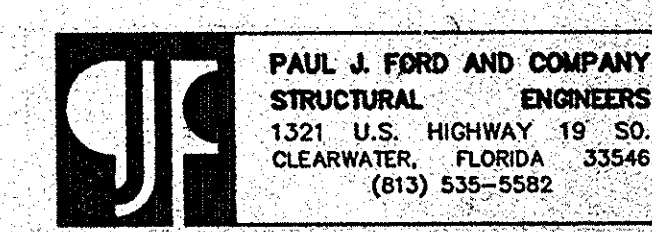


- NOTES
- B-1 TYPE SHALL BE USED AS TYPICAL TIE BM @ TOP OF ALL BEARING WALLS. SEE FRAMING PLAN FOR TOP OF TIE BEAM ELEVATIONS. DEPTH MAY BE ADJUSTED PLUS OR MINUS 4" MAX. TO ACCOMMODATE BLOCK COURSING. COORDINATE DEPTH ON SHOP DRAWINGS SO THAT STIRRUP DEPTH MAY BE SET.
  - PROVIDE U-BLOCK OR KNOCK OUT BLOCK GROUTED FULL WITH 1 #6 CONTINUOUS TYPICALLY @ TOP OF ALL NON-BEARING WALLS (REFERENCE SECT. 10/54).
  - PROVIDE PRECAST CONCRETE LINTERS TYPICALLY OVER ALL WALL OPENINGS UNLESS A BEAM IS CALLED FOR ON THE DRAWINGS. LINTERS SHALL BE OF SUFFICIENT SIZE AND REINFORCEMENT FOR THE GIVEN SPANS AND LOADING CONDITIONS. SUBMIT SHOP DRAWINGS WITH RATED LOAD CAPACITIES TO THE ARCHITECT FOR REVIEW.
  - PROVIDE A KNOCK OUT BLOCK OR U-BLOCK ROUTED FULL WITH 1 #6 CONTINUOUS TYPICALLY AT THE SILL OF ALL WINDOW OPENINGS. EXTEND 16" BEYOND EACH SIDE OF THE OPENING TYP.



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 TAMPA, FLORIDA 33609-1020

REVISIONS		DETAILS	
REVISION 2	ISSUED	NEW MAIN POST OFFICE	
REVISION 1	ISSUED	DAVENPORT FLORIDA	
ISSUED FOR CONSTRUCTION	3/16	Lunz and Associates, Inc. ARCHITECTS	
ISSUED FOR APPROVAL	7/16	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1992	
ISSUED FOR REVIEW			
APPROVED BY	BYL	S-3	
CHECKED BY		8721	
DRAWN BY			





# GENERAL NOTES

## GENERAL CONDITIONS

- IF MATERIALS, QUANTITIES, STRENGTHS OR SIZES INDICATED BY THE DRAWINGS OR SPECIFICATIONS ARE NOT IN AGREEMENT WITH THESE NOTES, THE BETTER QUALITY AND/OR GREATER QUANTITY, STRENGTH OR SIZE INDICATED, SPECIFIED OR NOTED SHALL BE PROVIDED.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR TO CONFORM TO THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS.
- DESIGN LIVE LOADS  
 ROOF: 20 PSF  
 WIND BASE VELOCITY: 100 MPH  
 APPLY APPROPRIATE SHAPE FACTORS PER LATEST EDITION OF S.B.C.

## FOUNDATIONS

- FOUNDATION DESIGN IS BASED ON AN ALLOWABLE BEARING PRESSURE OF 2500 PSF AS RECOMMENDED IN THE FOUNDATION INVESTIGATION DATED AUG. 1, 1987, PREPARED BY CRAGGERS ENGR. SERVICES, INC.
- DISTRIBUTION OF THE VARIOUS FOOTING TYPES IS INDICATED ON THE FOUNDATION PLAN.
- NOTIFY ARCHITECT IF FOUNDATION CONDITIONS ENCOUNTERED DIFFER FROM SOILS EXPLORATION INFORMATION MADE AVAILABLE TO THE CONTRACTOR.
- ALL FOUNDATION, WALL AND FORMING DIMENSIONS SHALL BE VERIFIED WITH AND CONFORM TO THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS.

## CAST IN PLACE CONCRETE

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS, EXCEPT FOOTINGS AND SLAB ON GRADES MAY BE 3000 PSI AT 28 DAYS. CONC. IN LOADING DOCK AREA (WALLS AND SLABS) SHALL BE 5000 PSI AT 28 DAYS.
- ALL CONCRETE MIXES SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF ACI 301, METHOD 2.
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 60 OR NEW DOMESTIC RAIL STEEL CONFORMING TO ASTM A-616 GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. LAP AT MINIMUM 8".
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318.
- ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315, UNLESS DETAILED OTHERWISE ON THE STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, ANCHOR BOLTS, INSERTS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENING, ANCHOR BOLT, NOR INSERT SHALL BE PLACED UNLESS SHOWN ON SHOP DRAWINGS WHICH HAVE BEEN REVIEWED BY THE ARCHITECT.
- CONTRACTOR SHALL PROVIDE SPACERS, CHAIRS, BOLSTERS, ETC. NECESSARY TO SUPPORT REINFORCING STEEL. SUPPORT ITEMS WHICH BEAR ON EXPOSED CONCRETE SURFACES SHALL HAVE ENDS WHICH ARE PLASTIC TIPPED OR STAINLESS STEEL.
- CONTRACTOR SHALL FURNISH 800 POUNDS OF #5 REINFORCING BARS DELIVERED TO THE JOB SITE IN STANDARD LENGTHS AND FABRICATED AND PLACED AS DIRECTED BY THE ARCHITECT. THE UNUSED MATERIAL SHALL BE REMOVED AND CREDITED TO THE PROJECT AT THE CONTRACT UNIT PRICE.
- MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT AS PER ACI 318.
- HORIZONTAL WALL AND FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH 2'-0" LAP SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS.

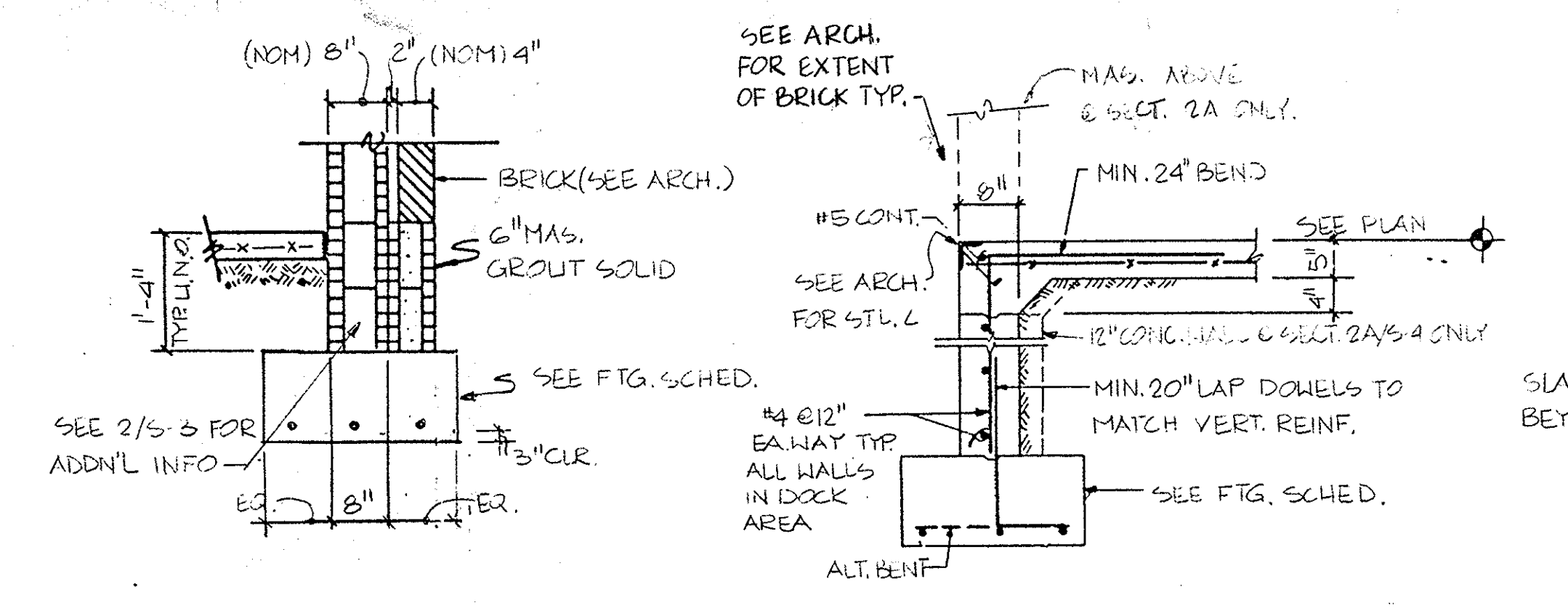
## MASONRY WALL CONSTRUCTION

- HOLLOW UNITS SHALL BE NORMAL WEIGHT, TYPE N1, CONFORMING TO ASTM C90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1350 PSI.
- MORTAR SHALL BE TYPE S, CONFORMING TO ASTM C270, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI.
- REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 30 BAR DIAMETERS WHERE SPICED AND SHALL BE WIRE TOGETHER.
- HORIZONTAL WALL REINFORCEMENT SHALL BE 9 GAUGE STANDARD DUR-O-WALL AT 16" O.C., UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- SPICED WIRE REINFORCEMENT SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE 6".
- PROVIDE 2 COURSES BY 16" WIDE SOLID OR GROUTED SOLID MASONRY LINTEL BEARING POINTS.
- COURSE GROUT SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI AND SHALL BE IN ACCORDANCE WITH ASTM C476. SLUMP SHALL BE 8 TO 10 INCHES. MAXIMUM AGGREGATE SIZE SHALL BE 3/8". PROVIDE MIX DESIGN. SEE 19/S-3 OR 20/S-3 FOR GROUTING INFORMATION.
- GROUT CORES IN A SEPARATE OPERATION FROM POURING TIE BEAMS. PROVIDE INSPECTION HOLES AT BOTTOM OF ALL CORES TO BE GROUTED. ALL GROUTED CORES TO BE COMPLETELY FILLED WITH GROUT.

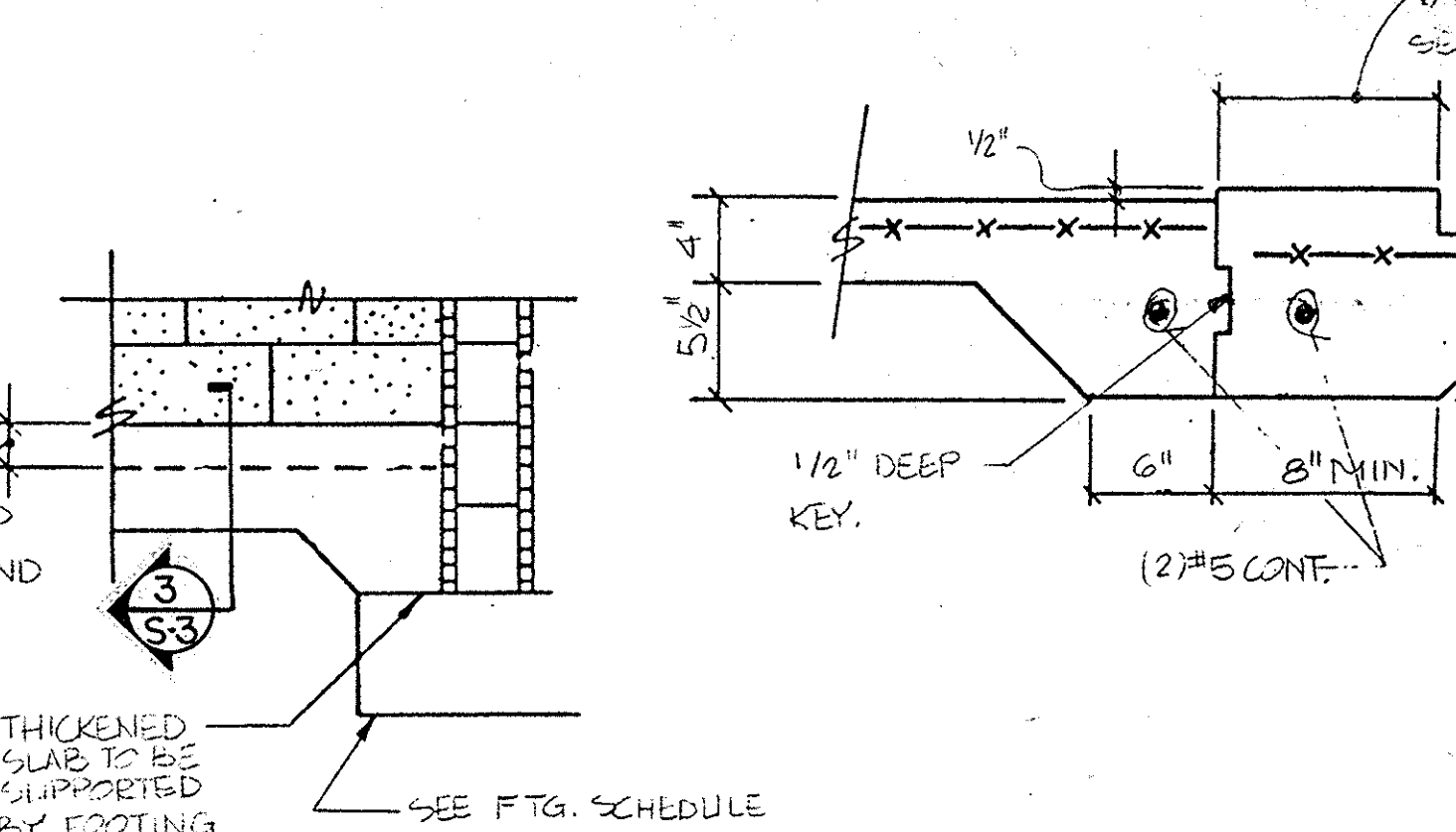
## STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.
- WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISED CODE OF THE AMERICAN WELDING SOCIETY, AWS D1.1.
- BOLTS AND BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS" AS APPROVED BY THE COUNCIL ON RIVETED AND BOLTED JOINTS. USE 3/4" DIAMETER A325-N TYPE BOLTS WITH THREAD ALLOWED ACROSS THE SHEAR PLANE. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.

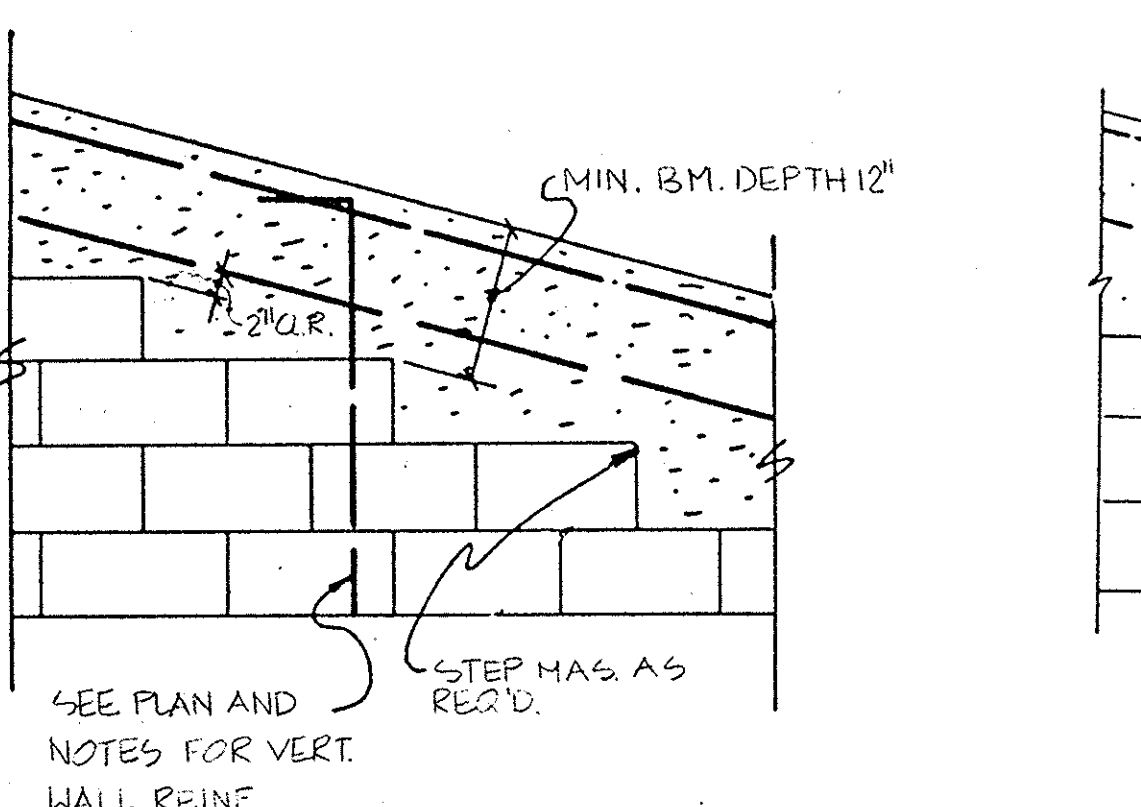
- ALL BEAM CONNECTIONS SHALL BE STANDARD DOUBLE ANGLE TYPE UNLESS DETAILED OTHERWISE. FOR DESIGN OF STANDARD CONNECTIONS 55% OF THE TOTAL LOAD CAPACITY, DERIVED FROM THE UNIFORM LOAD CONSTANT TABLES, PART 2, EIGHTH EDITION OF THE AISC CODE. IN NO CASE SHALL THE ANGLE SIZE AND MINIMUM NUMBER OF ROWS OF BOLTS FOR THE GIVEN BEAM SIZE BE LESS THAN THAT SHOWN IN TABLE 1, PART 4 OF THE SEVENTH EDITION OF THE AISC CODE.
  - STRUCTURAL STEEL SHAPES, PLATES, ETC. SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36, UNLESS NOTED OTHERWISE. STEEL TUBES SHALL BE 46 KSI STEEL CONFORMING TO ASTM A-500.
  - IN GENERAL, IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT ALL SHOP CONNECTIONS BE WELDED OR BOLTED AND ALL FIELD CONNECTIONS BE BOLTED EXCEPT WHERE NOTED OTHERWISE.
  - VERIFY THE EXACT LOCATION AND SIZE OF ALL ROOF AND FLOOR OPENINGS FOR MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION OF MATERIALS.
  - ALL STEEL BEAMS SHALL BE FABRICATED WITH THE NATURAL CAMBER (WITHIN THE MILL TOLERANCE) LOCATED ABOVE THE HORIZONTAL CENTERLINE BETWEEN THE END CONNECTIONS.
- ### OPEN WEB STEEL JOISTS
- MANUFACTURER SHALL BE A MEMBER OF THE STEEL JOIST INSTITUTE.
  - STEEL JOISTS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE AISC STANDARD SPECIFICATIONS OPEN WEB STEEL JOISTS K SERIES. MATERIAL SHALL BE DOMESTIC STEEL.
  - DESIGN AND FABRICATION OF JOIST TO CONFORM WITH ALL SJI RECOMMENDATIONS AND SPECIFICATIONS. SPECIAL JOISTS TO BE DESIGNED BY SJI MFG. FOR SPECIAL LOADING CONDITIONS AND/OR UNUSUAL BOTTOM CHORD OF K SERIES JOISTS SHALL BE FABRICATED OF TEES OR ANGLES, IN LIEU OF RODS.
  - VERIFY THE EXACT LOCATIONS OF ALL MECHANICAL OPENINGS WITH THE MECHANICAL CONTRACTOR AND THE EQUIPMENT TO BE USED PRIOR TO FABRICATION OF JOISTS AND HEADERS.
  - ALL HANGERS TO SUPPORT MECHANICAL EQUIPMENT, ETC. TO BE SUPPORTED BY THE BOTTOM CHORD OF JOISTS SHALL BE LOCATED AT THE JOIST PANEL POINTS. PROVIDE JOIST STIFFENERS AT ALL HANGERS NOT LOCATED AT PANEL POINTS.
  - BRIDGING SHALL BE FURNISHED AND INSTALLED TO MEET THE DESIGN AND SPACING REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS, FOR OPEN WEB STEEL JOISTS. USE DIAGONAL BRIDGING FOR ROOF JOISTS. ALL BRIDGING AND BRIDGING ANCHORS SHALL BE COMPLETELY INSTALLED BEFORE CONSTRUCTION LOADS ARE PLACED ON THE JOISTS.
  - UNLESS NOTED OTHERWISE WELDING OF JOISTS BEARING ON STEEL SHALL BE AS SPECIFIED BY THE SJI AND WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1 UNLESS NOTED OTHERWISE.
  - JOISTS AND ACCESSORIES SHALL HAVE ONE SHOP COAT OF PAINT MEETING THE MINIMUM PERFORMANCE REQUIREMENTS OF THE LATEST SJI SPECIFICATIONS, UNLESS OTHERWISE NOTED. ASPHALT PAINT IS NOT ACCEPTABLE.
  - MANUFACTURER SHALL DESIGN ROOF JOISTS FOR A 5 PSF NET UPLIFT AND PROVIDE ADDITIONAL BRACING AS REQUIRED. SHOW ANY ADDITIONAL BRACING REQUIRED ON SHOP DRAWINGS. (OVERHANGS AND CANOPIES DESIGN FOR 5 PSF NET UPLIFT.)
  - STEEL JOIST MANUFACTURER SHALL PROVIDE CALCULATIONS VERIFYING THAT ALL SPECIAL STEEL JOISTS (SPECIAL W/50% OH PLAN) ARE DESIGNED IN ACCORDANCE WITH ALL THE DESIGN REQUIREMENTS OF THE PROJECT. THESE CALCULATIONS SHALL BE SEALED BY REGISTERED ENGINEER IN THE STATE OF FLORIDA.
  - HEADERS OF ADEQUATE STRENGTH SHALL BE PROVIDED BY JOIST MFG. AT ALL OPENINGS AS REQUIRED.



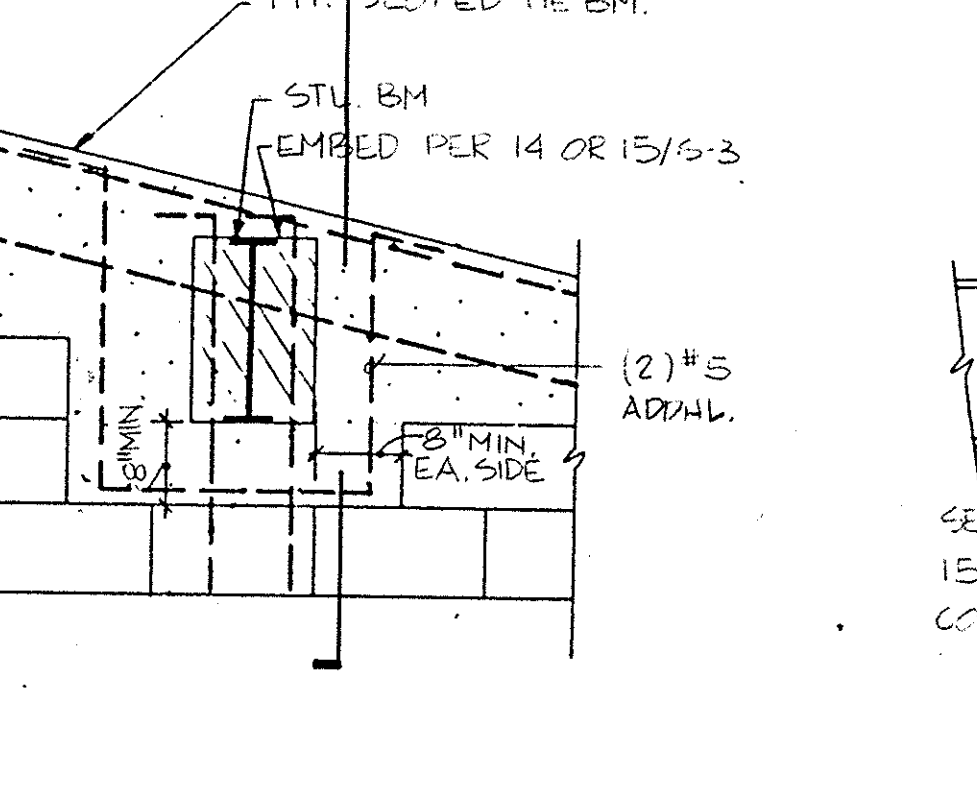
**TYPICAL WALL FOOTING DETAIL** SECTION 1-5/4



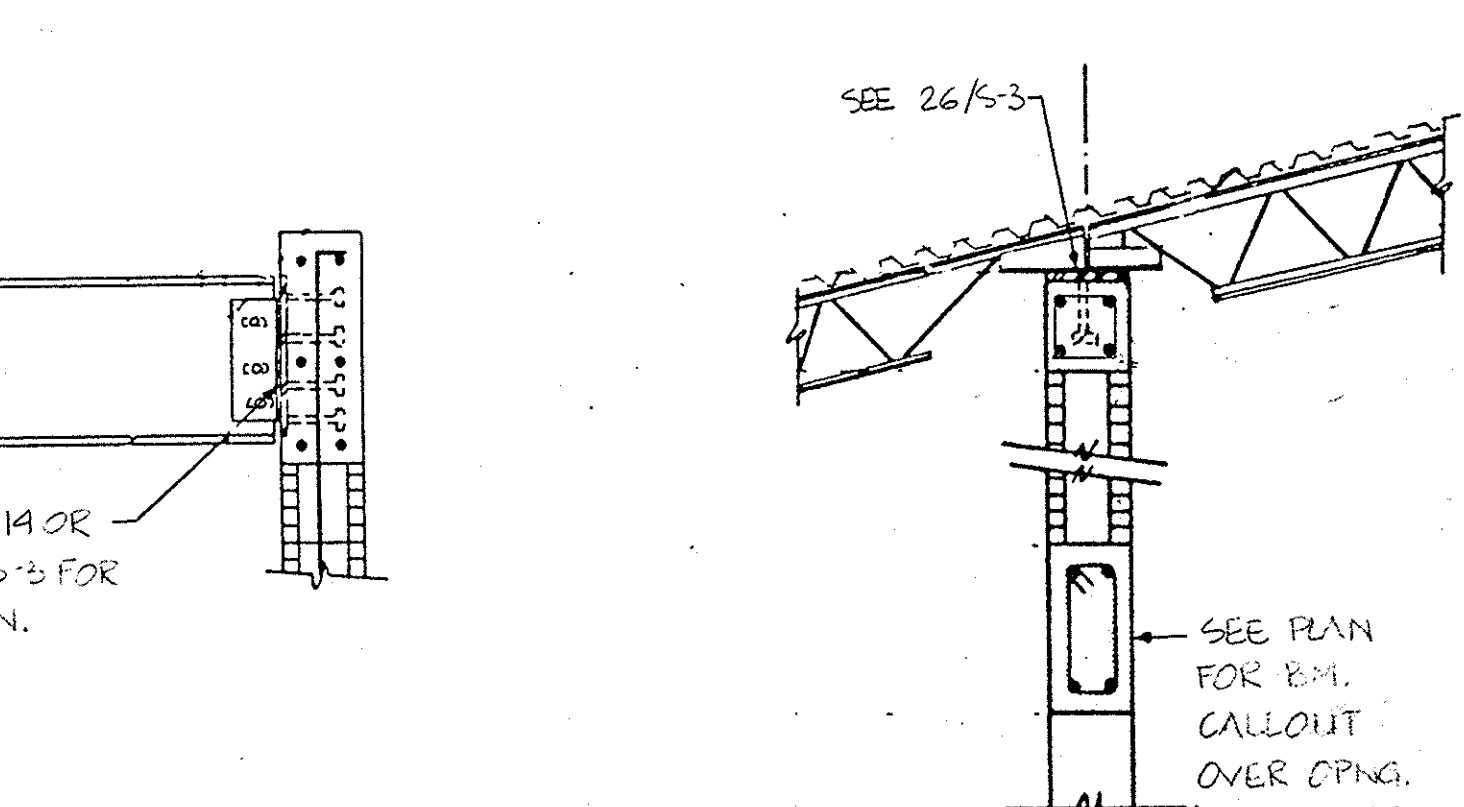
**TYPICAL STEPPED FOOTING DETAIL** SECTION 5-5/4



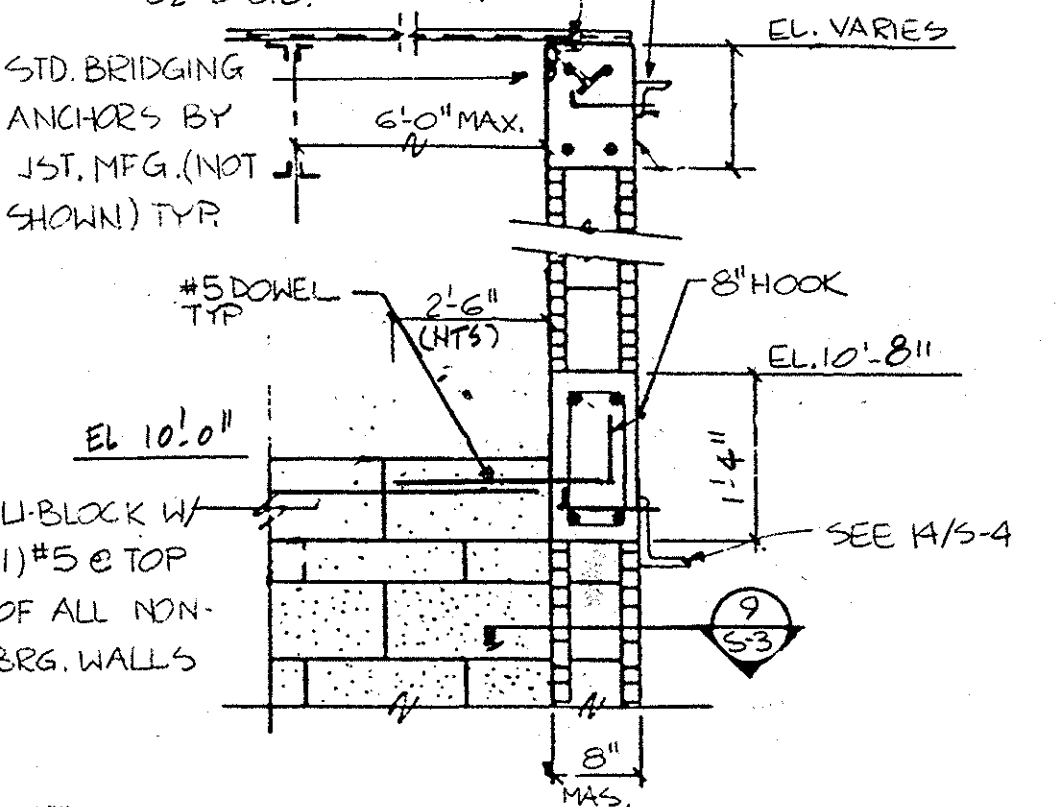
**TYPICAL SLOPED TIE BEAM** SECTION 6-5/4



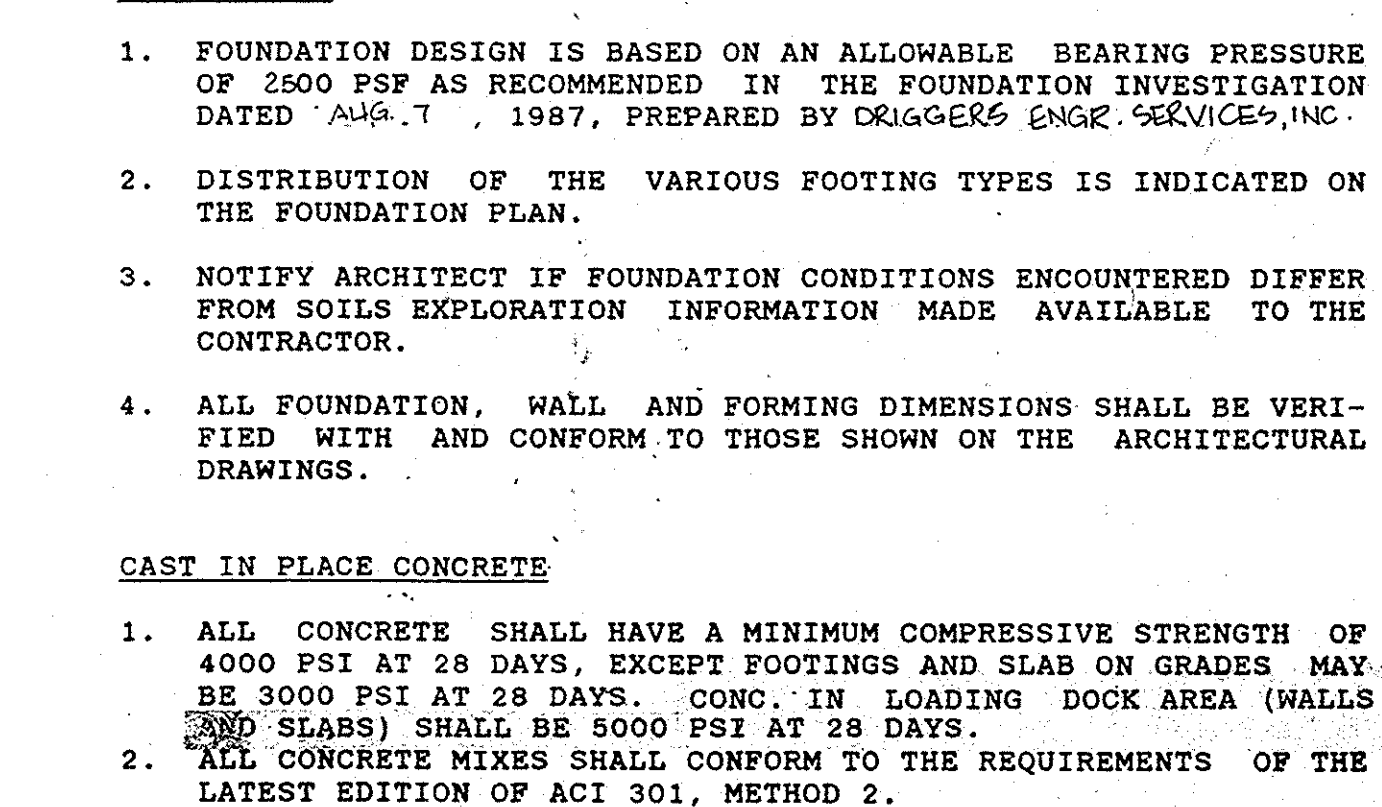
SECTION 7-5/4



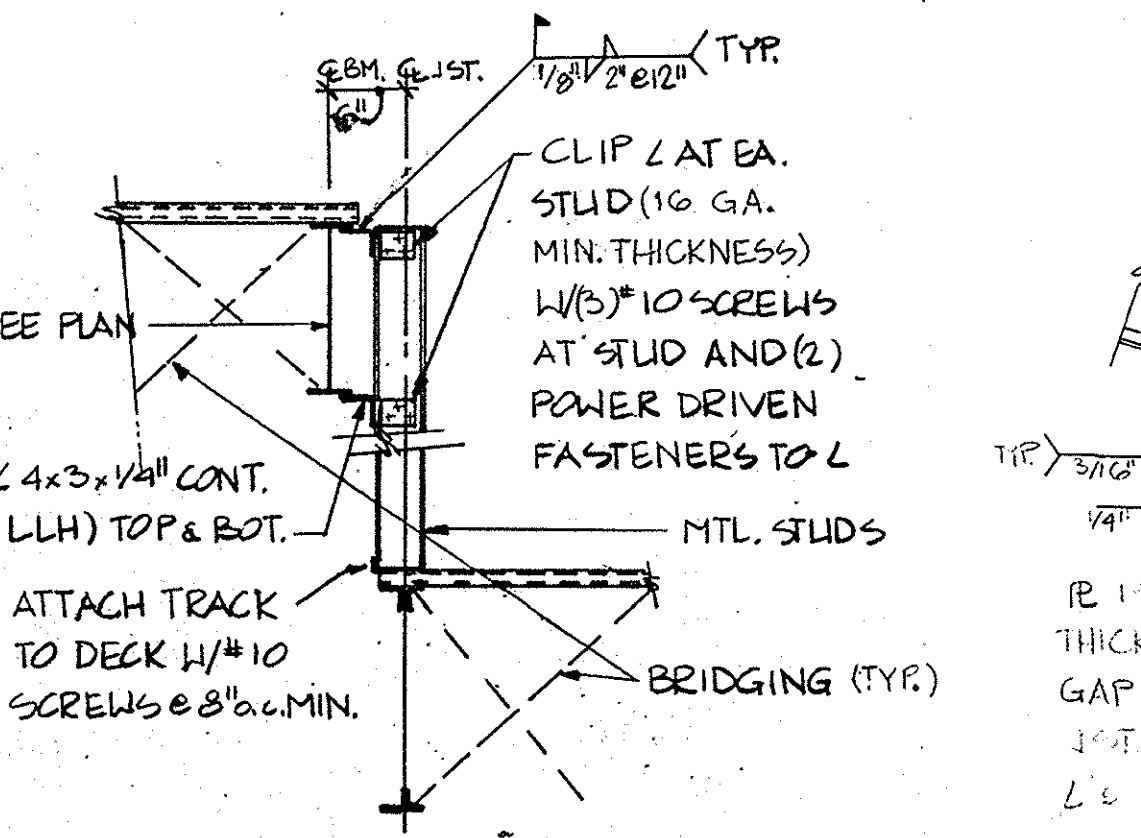
SECTION 8-5/4



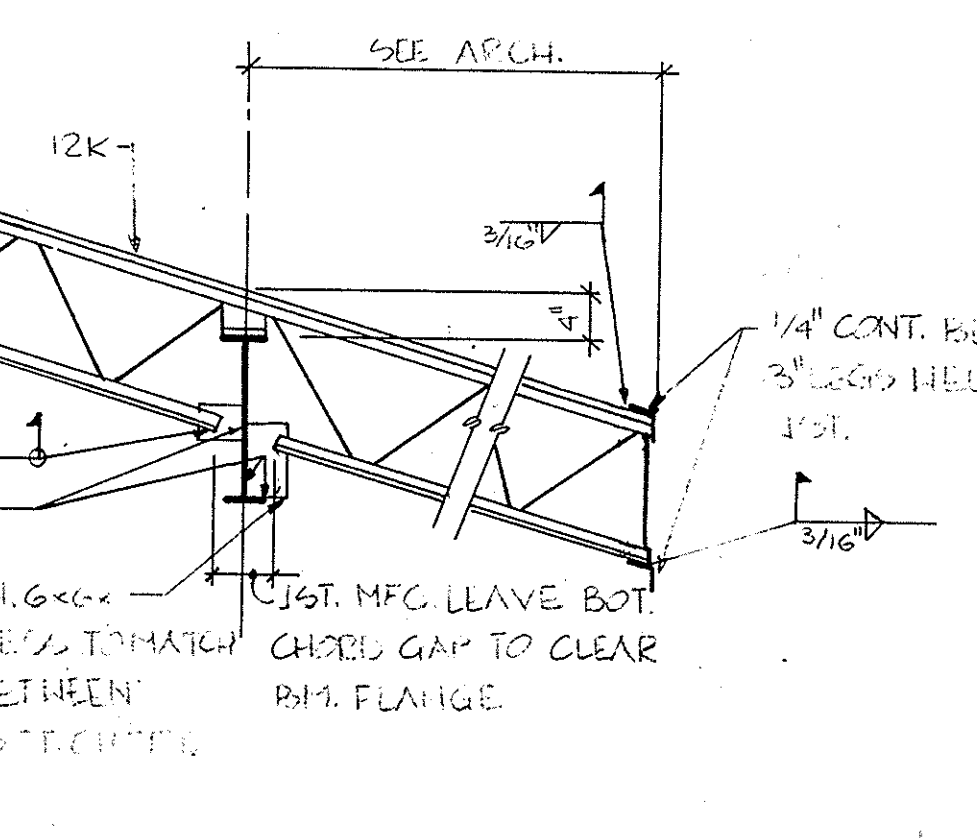
SECTION 9-5/4



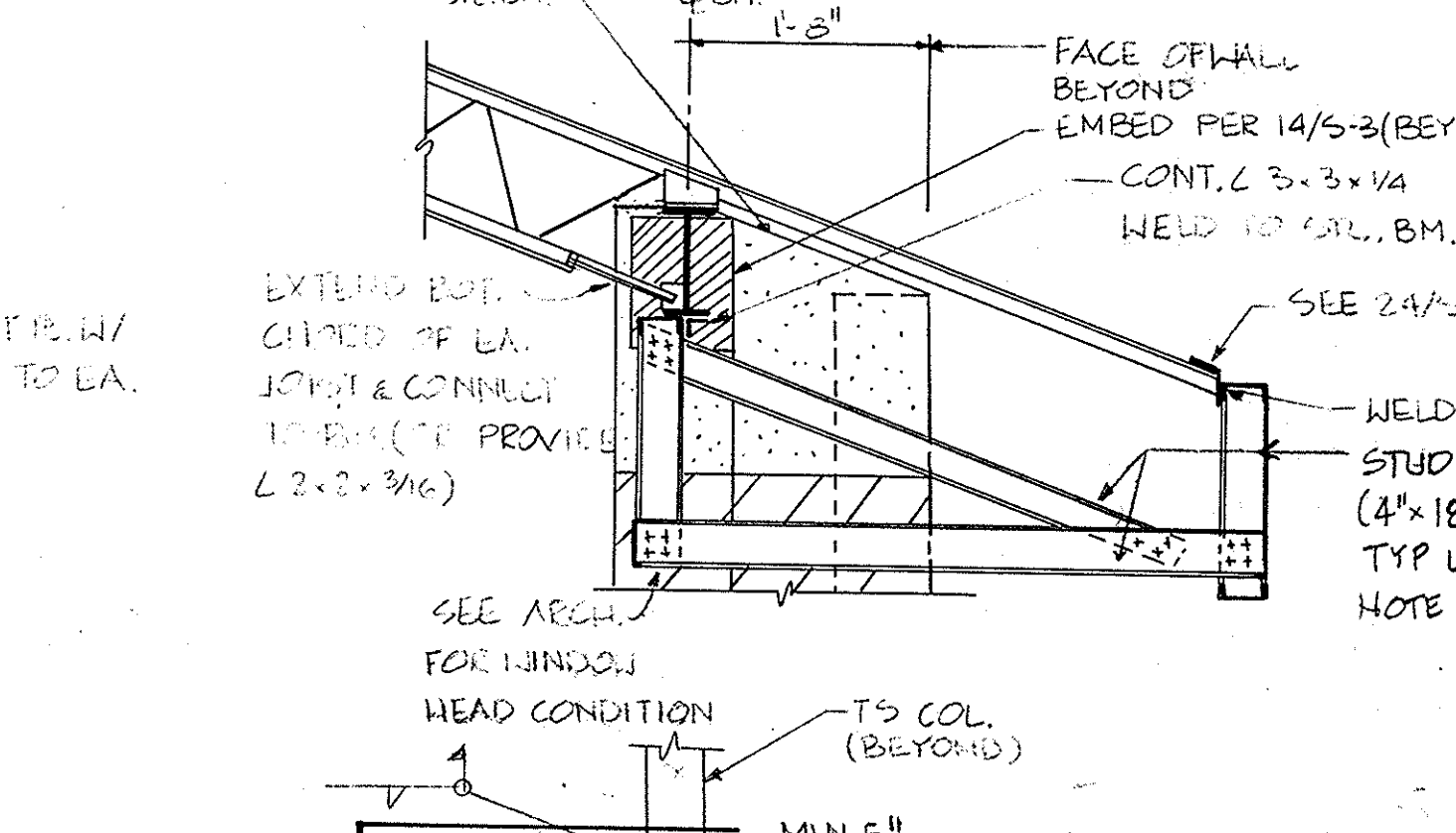
SECTION 10-5/4



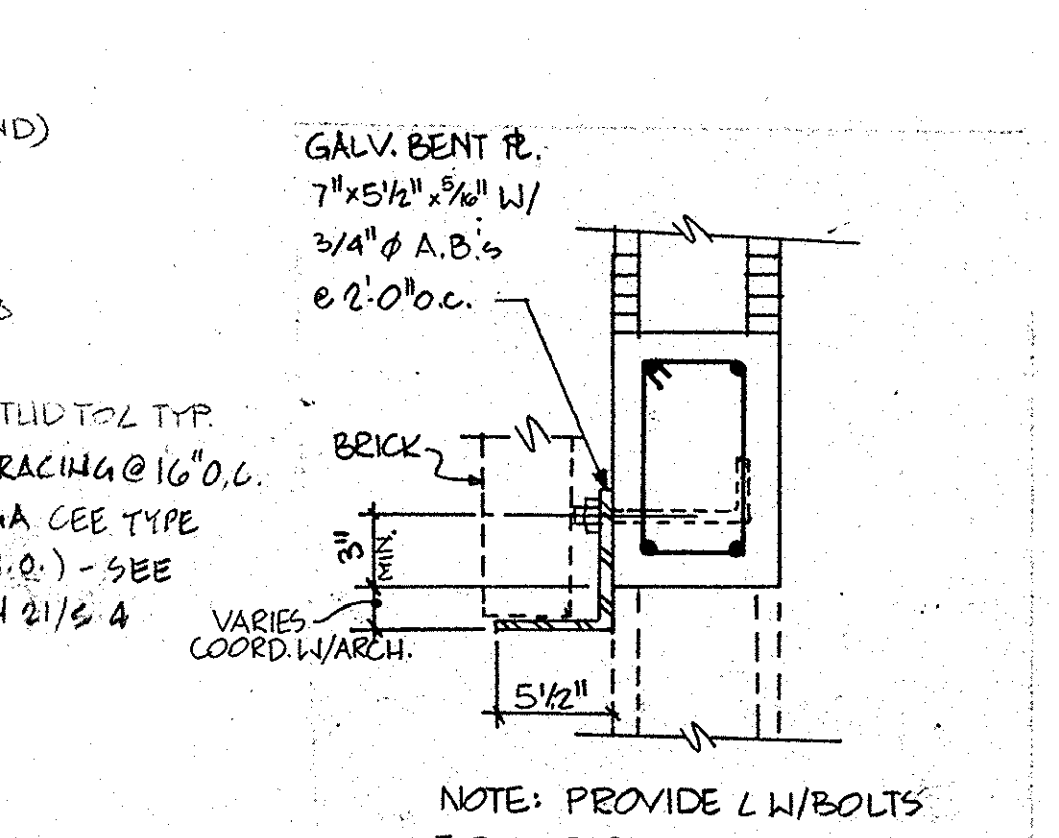
SECTION 11-5/4



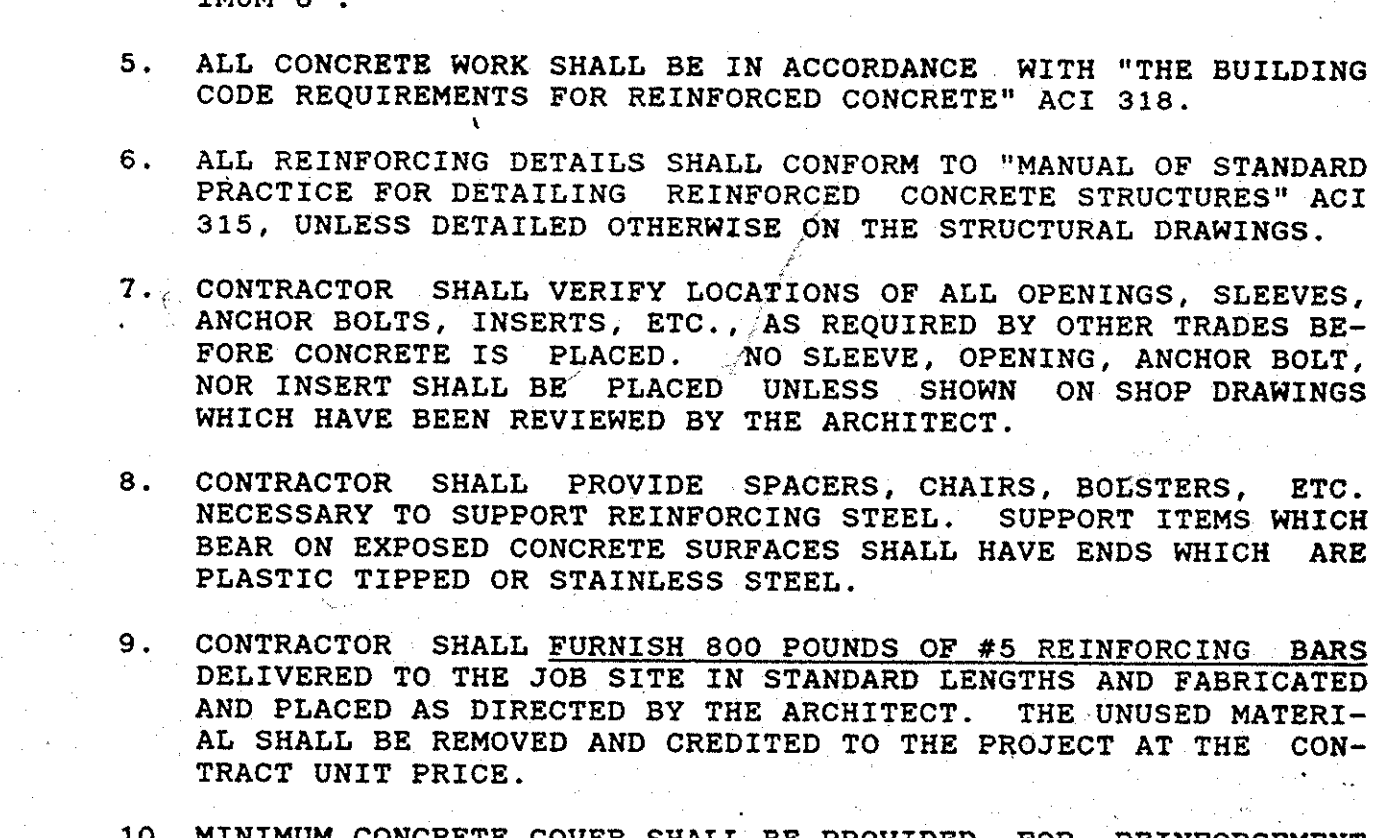
SECTION 12-5/4



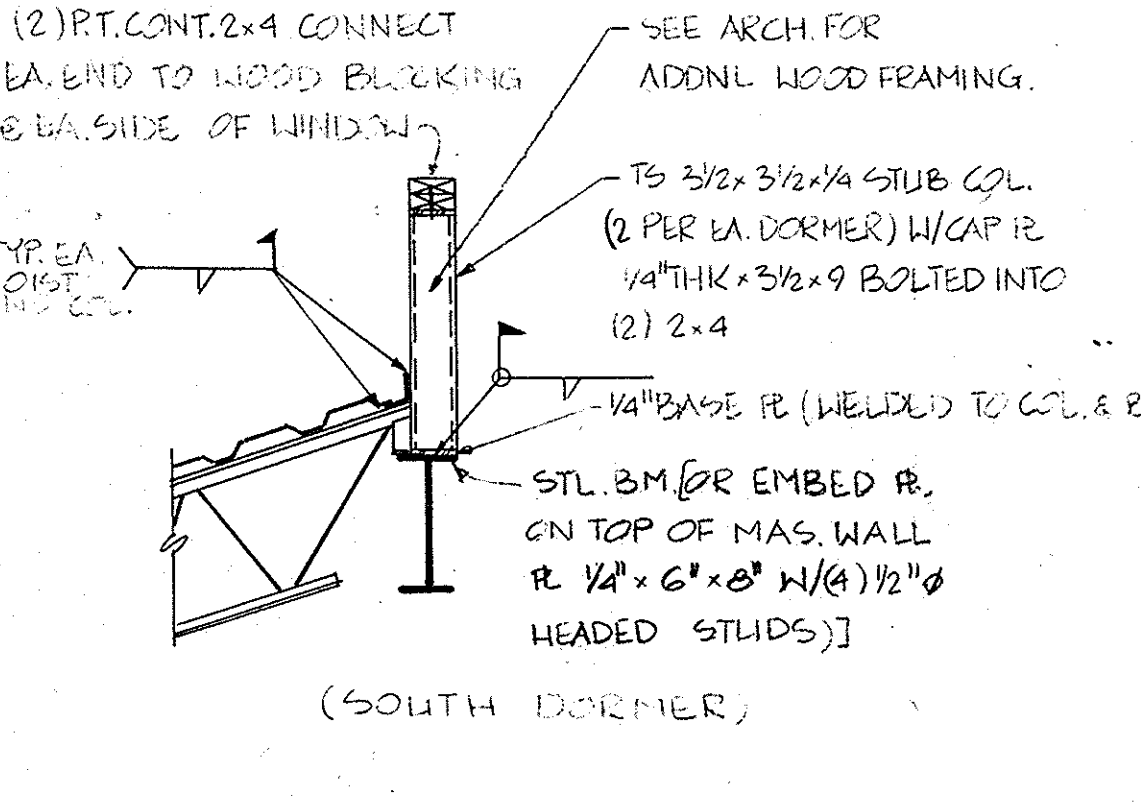
SECTION 13-5/4



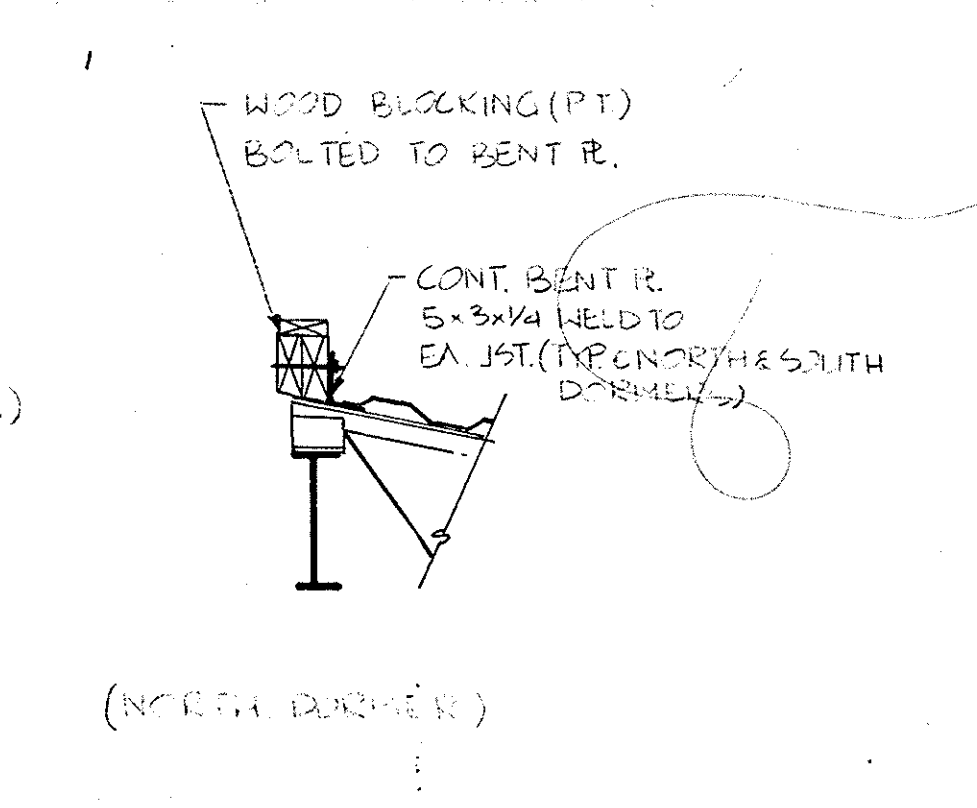
SECTION 14-5/4



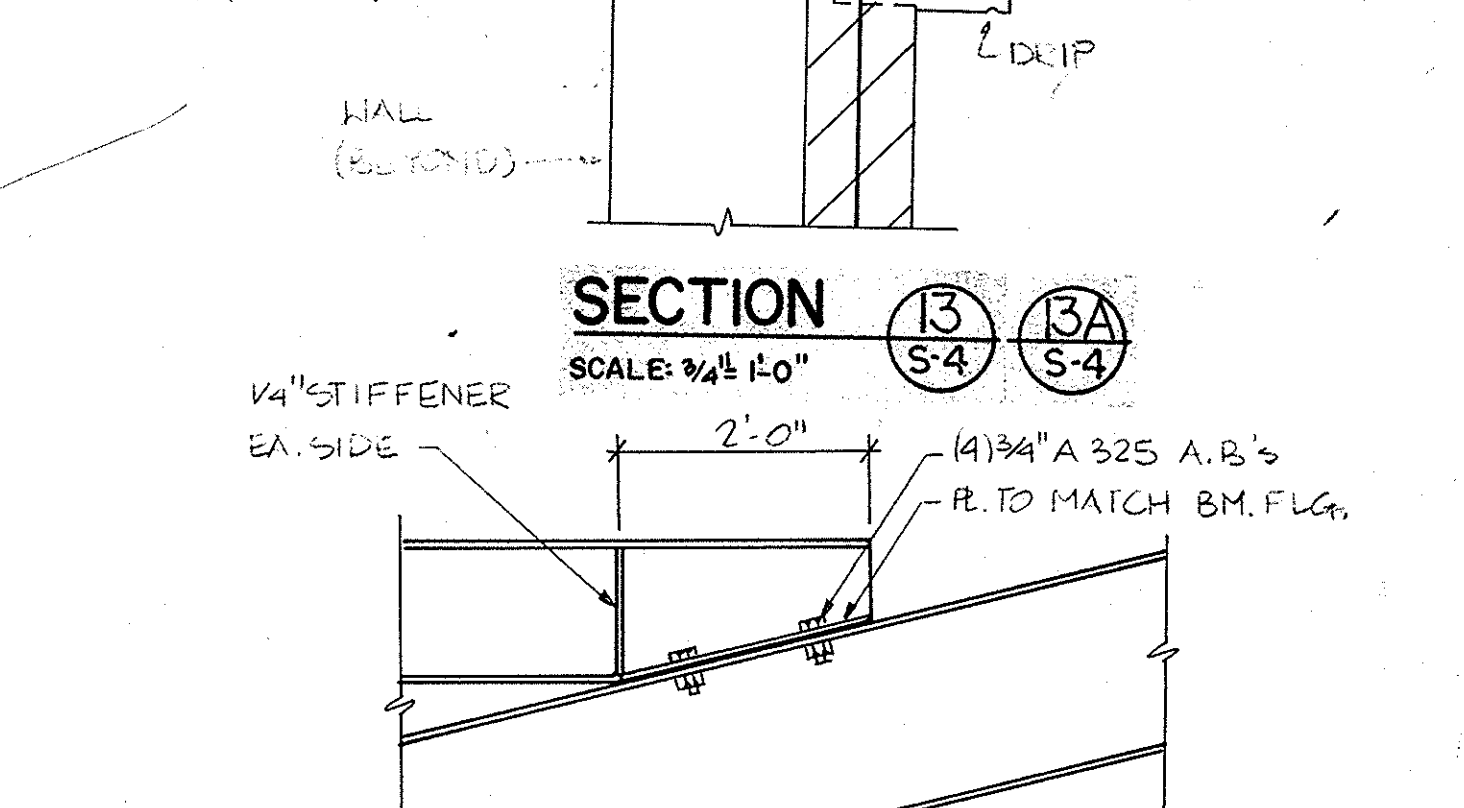
SECTION 15-5/4



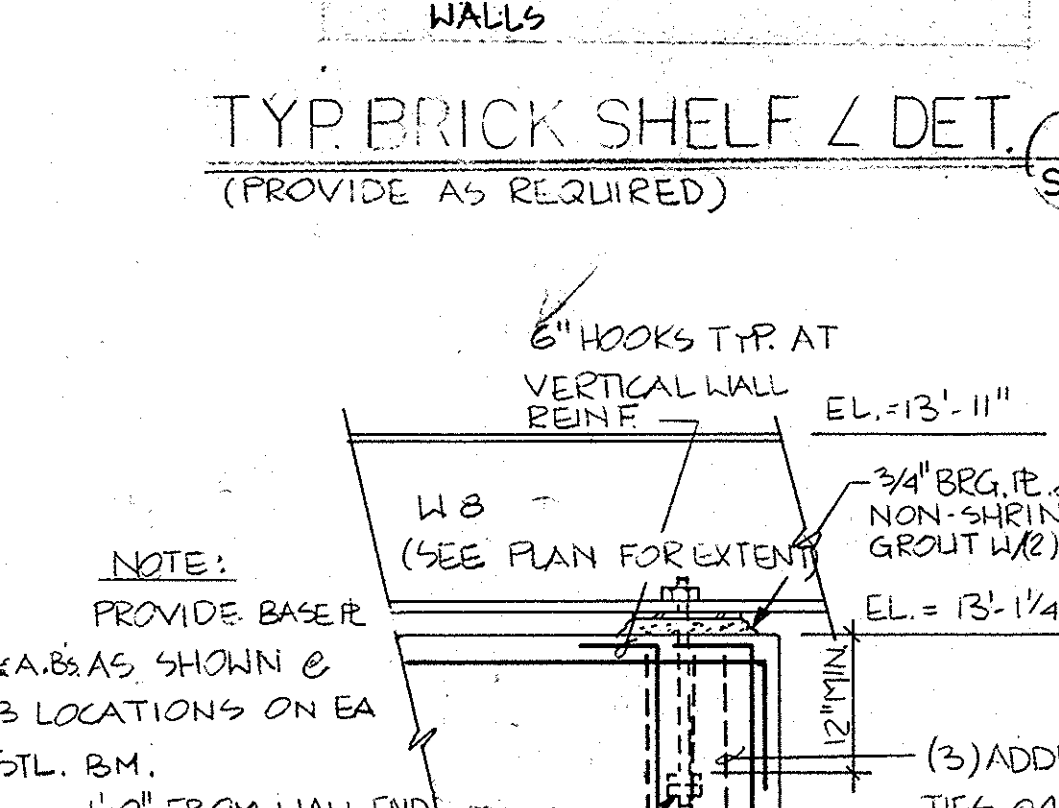
SECTION 16-5/4



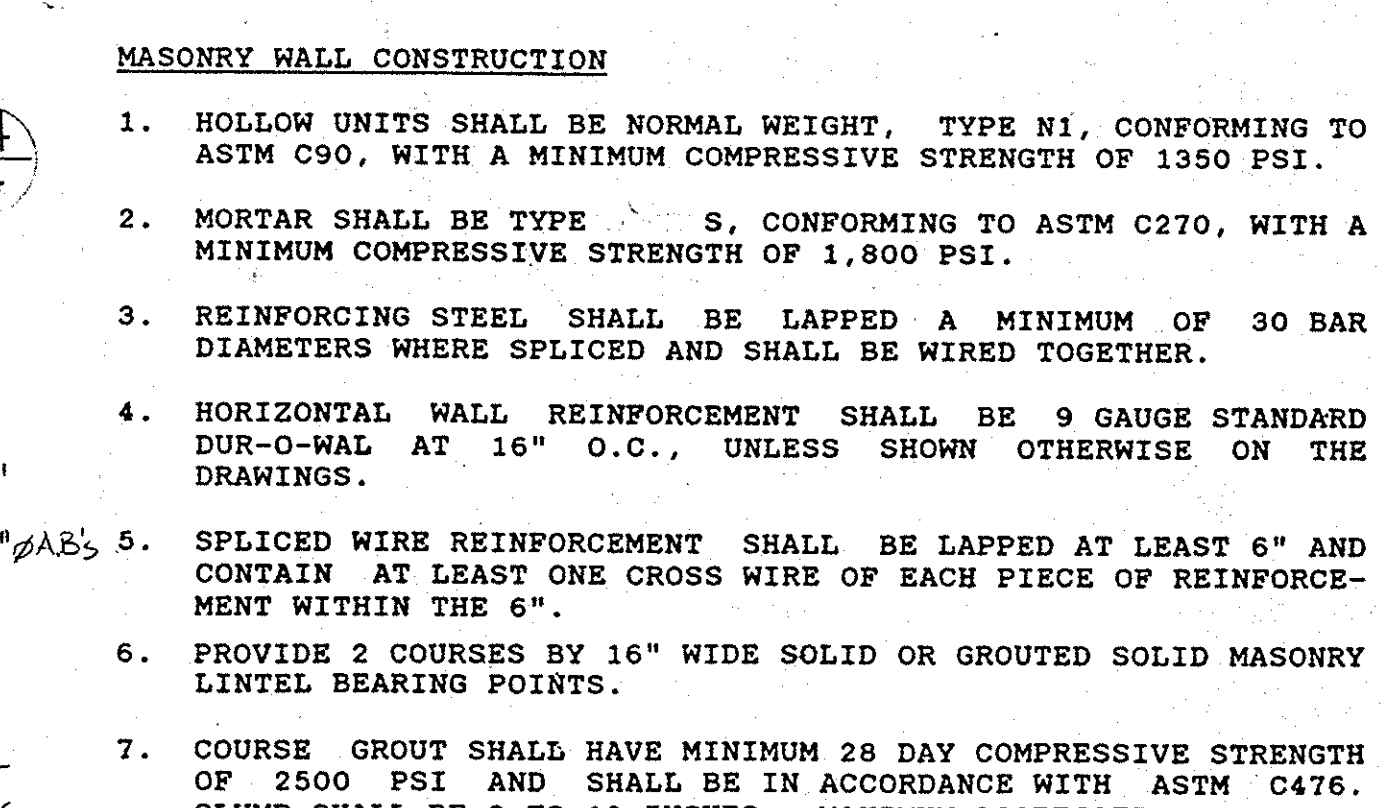
SECTION 17-5/4



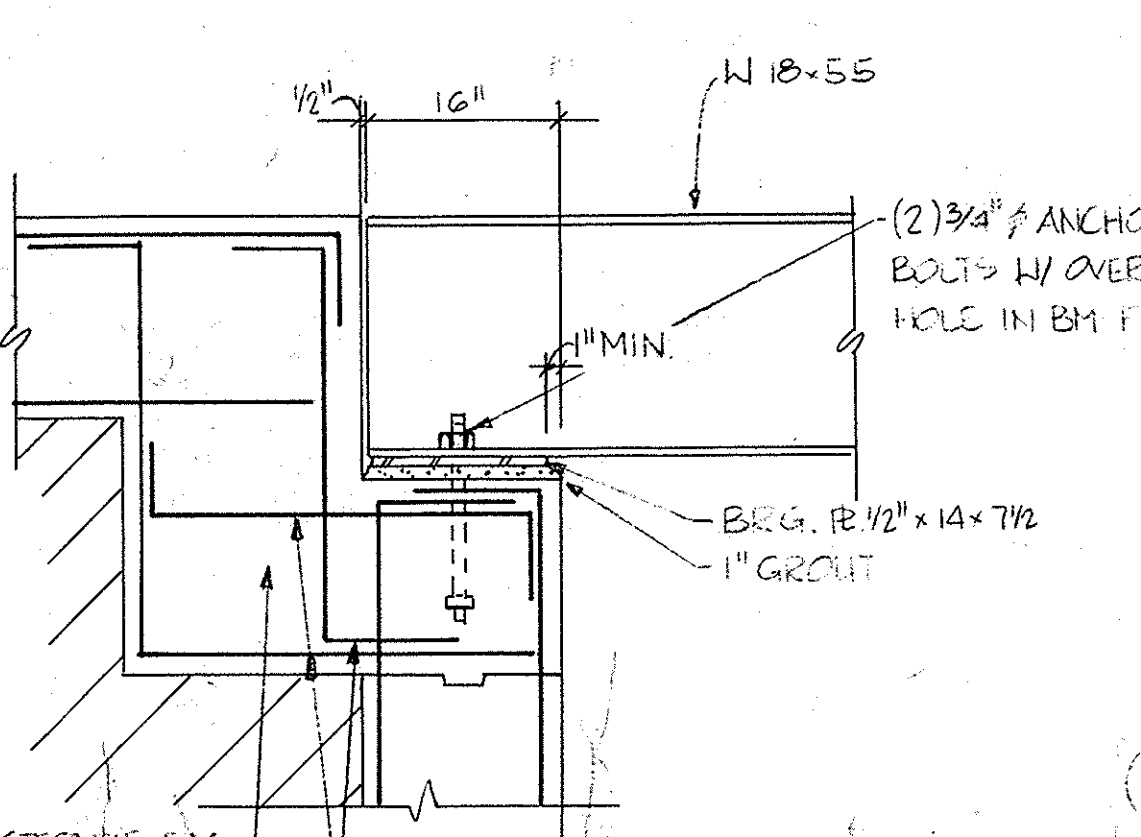
SECTION 18-5/4



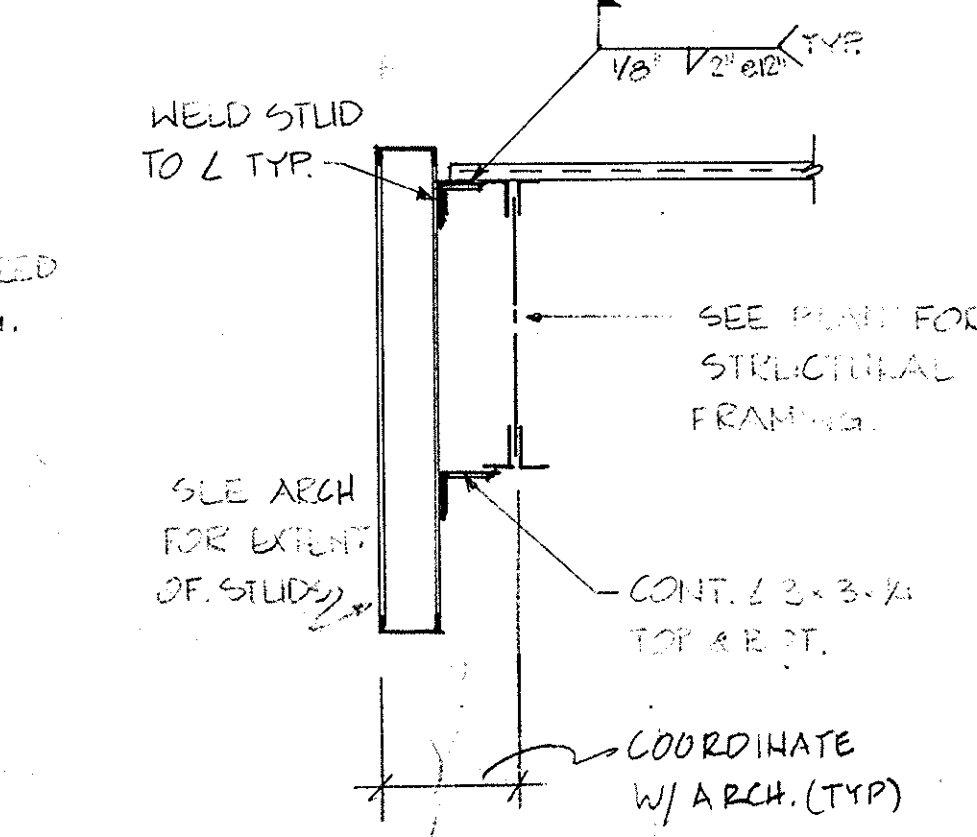
SECTION 19-5/4



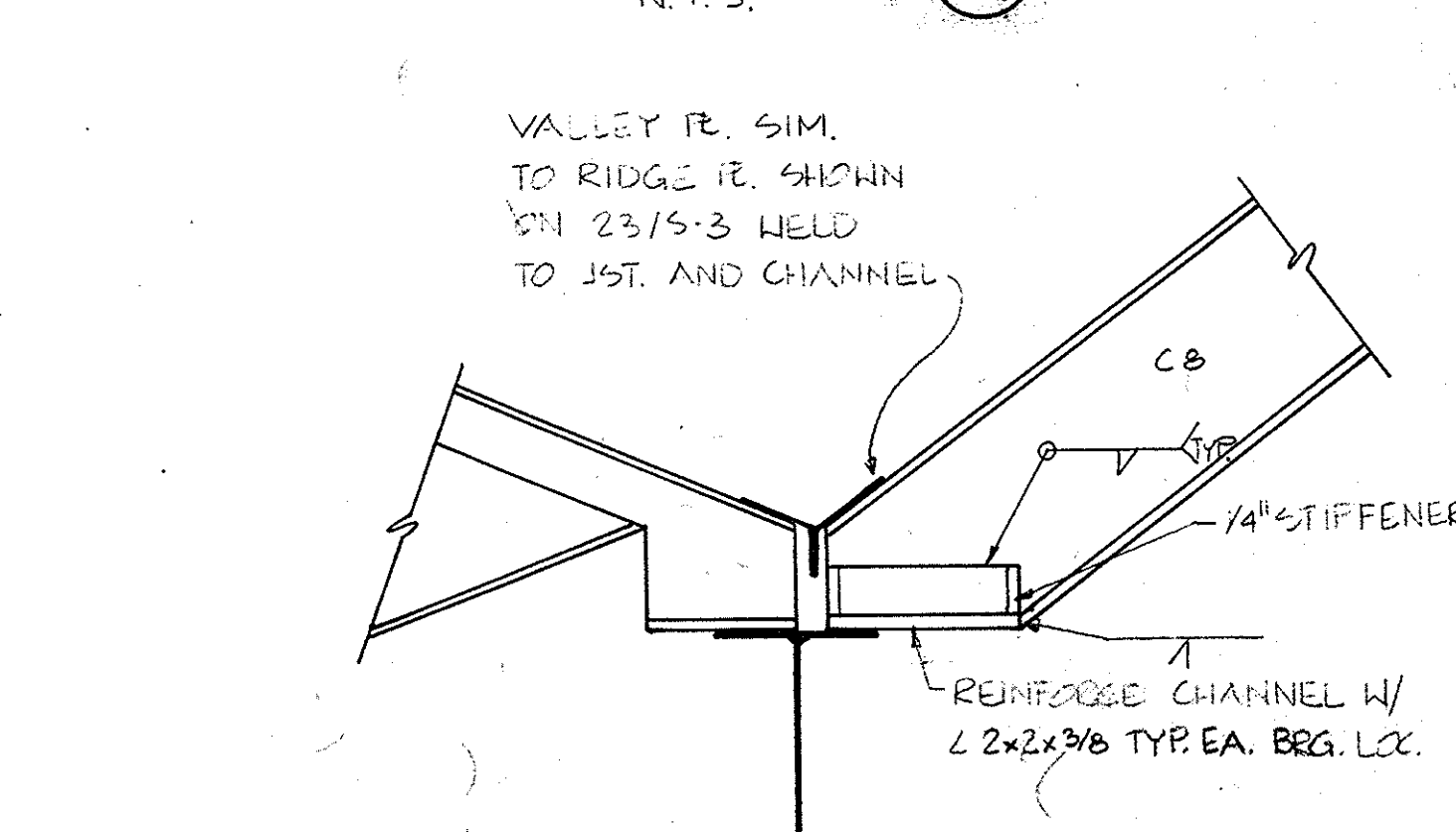
SECTION 20-5/4



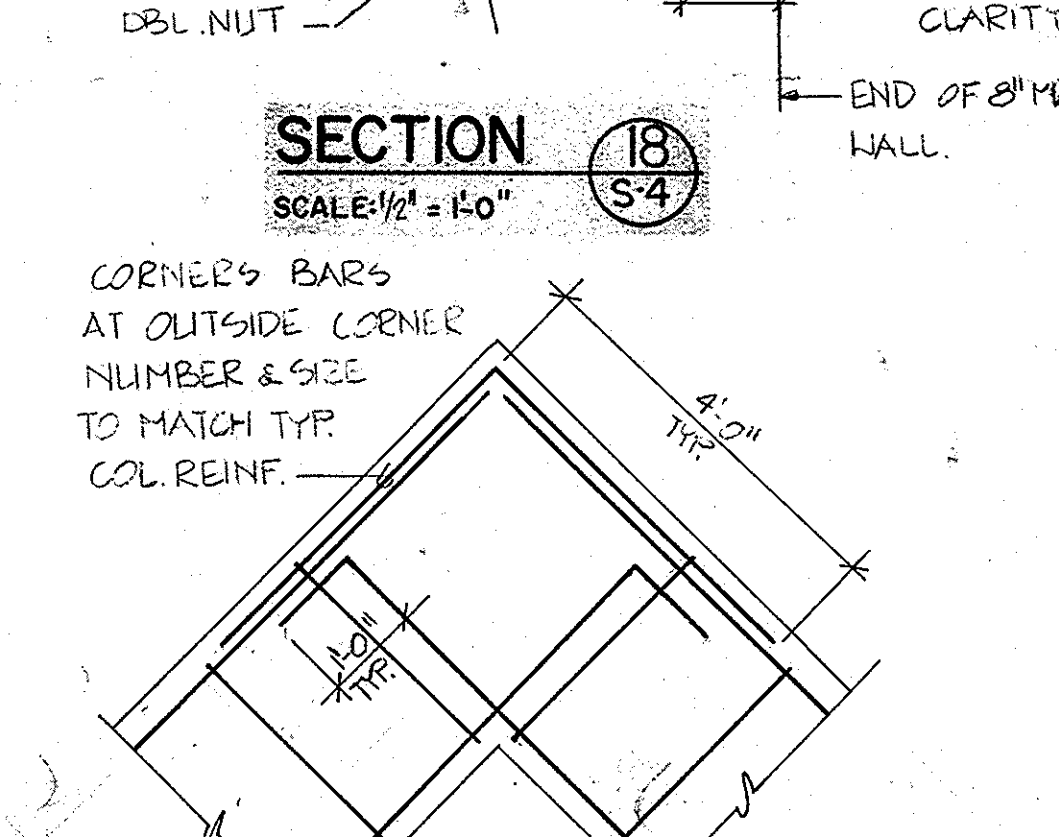
SECTION 21-5/4



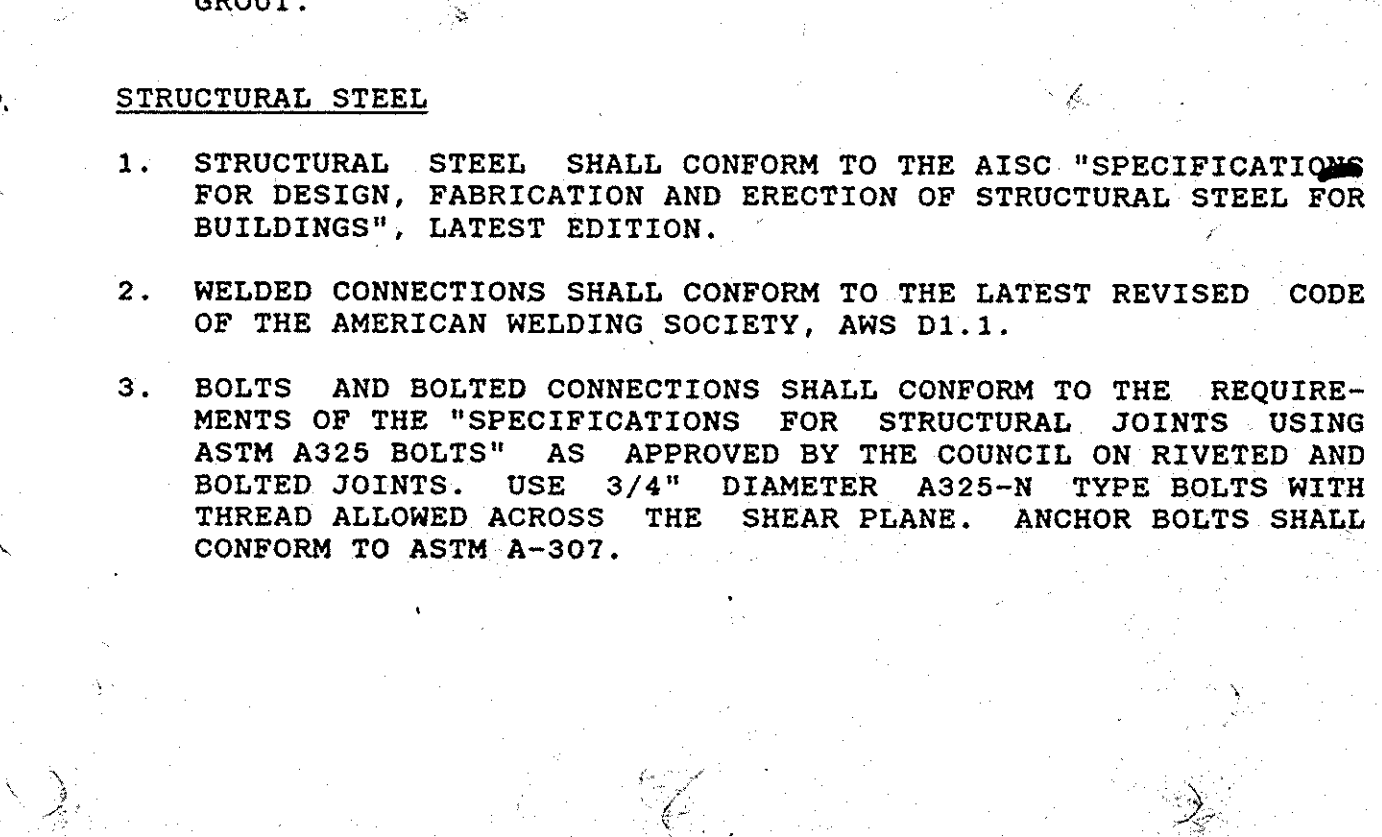
SECTION 22-5/4



SECTION 23-5/4



SECTION 24-5/4



SECTION 25-5/4

NOTE: STUDS 4\"/>

UNITED STATES POSTAL SERVICE FACILITIES SERVICE OFFICE 5511 EXECUTIVE DRIVE, SUITE 133 TAMPA, FLORIDA 33609-1020	
REVISION 2 ISSUED REVISION 1 ISSUED ISSUED FOR CONSTRUCTION APPROVAL ISSUED FOR REVIEW APPROVED BY CHECKED BY DRAWN BY	<b>GENERAL NOTES AND DETAILS</b> NEW MAIN POST OFFICE DAVENPORT FLORIDA Lunz and Associates, Inc. ARCHITECTS 44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 662-1982
PAUL J. FORD AND COMPANY ENGINEERS 1321 U.S. HIGHWAY 19 SO. CLEARWATER, FLORIDA 33546 (813) 535-9592	<b>S-4</b> 8721



NET BUILDING AREA			
ROOM	DESCRIPTION	PROGRAM	PROVIDED
SL	SERVICE COUNTER LOBBY	666 SF	522 SF
SSL	SELF-SERVICE LOBBY	252 SF	
BL	POST OFFICE BOX LOBBY	2568 SF	2366 SF
PL	PARCEL LOCKER LOBBY	315 SF	
PM	POSTMASTER	150 SF	150 SF
GS/TR	GENERAL SHOP/TRAINING ROOM	150 SF	150 SF
SE	STAMPED ENVELOPE	150 SF	150 SF
SPO	SUPER. OF POSTAL OPERATIONS	120 SF	120 SF
MV	MAILING VESTIBULE	300 SF	296 SF
B/GR	BUILDING/GROUNDS	100 SF	120 SF
ME	MECHANICAL ROOM	653 SF	322 SF
EL	ELECTRICAL ROOM	00 SF	100 SF
JC	JANITOR'S CLOSET	50 SF	
CS	CUSTODIAL SUPPLIES	100 SF	150 SF
LUNCH	LUNCH ROOM	150 SF	155 SF
V. MACH.	VENDING MACHINES	25 SF	25 SF
WLCK	WOMEN'S LOCKER ROOM	120 SF	120 SF
WT	WOMEN'S TOILET	100 SF	98 SF
MT	MEN'S TOILET	100 SF	130 SF
MLCK	MEN'S LOCKER ROOM	120 SF	120 SF
CV	CARRIER VESTIBULE	00 SF	81 SF
G.STG	GENERAL STORAGE	150 SF	150 SF
P. EQ	POSTAL EQUIPMENT	100 SF	100 SF
WORKRM	WORKROOM	723 SF	735 SF
TOTAL NET SQ. FT.		13712 SF	12732 SF

- Cooler (N.I.C.).
- 6'-0" enclosed bulletin board, see Specification Section 1004.
- Removable railing with chain connector on East end. See Railing details on Sheet A-7.
- See enlarged plan on this sheet.
- 6'-0" bulletin board. See details on Sheet A-8.
- Steel plate threshold, see Sheet A-2 and spec. section 851.
- 8" CMU wall with 4" face brick each side with brick rowlock cap.
- Dock leveler, see Specification Section 1108.
- Sissors lift, see details on Sheet A-19 and Spec. Section 1112.
- Dock bumpers, see details on Sheet A-9.
- Safety handrail, see details on Sheet A-9.
- Pavement, see C-series, drawing for type and elevations.
- Steel bollard, see detail on Sheet A-2.
- Dock steps - see details Sheet A-13.
- Mojo holder.
- Vertical blinds. See Spec. Section 1212.
- Plant beds in front of handicap parking.
- Paint car stops yellow at handicap parking.
- Handicap parking sign typical at all handicap parking.
- Concrete slab for HVAC units.
- Wood wall bumper, see 11/A-4.
- Corner guards - see Spec. Section.
- Signage - see Spec. Section.
- Surface mounted toilet paper dispenser. See Spec. Section 1017.
- 48" grab bars. See Spec. Section 1017.
- Urinal screen, provide lateral support with overhead bracing - see Spec. Section 1012.
- Semi-recessed paper towel dispenser/waste receptacle - see Spec. Section 1017.
- Framed mirror with shelf. 18"x24" - See Spec. Section 1017.
- Ash receptacle, see Spec. Section 1017.
- Naokin disposal unit - see Spec. Section 1017.
- Toilet partitions - see Spec. Section 1012.
- Blank Panels - see detail (A-11) & (A-12).
- Plywood side panels - see detail (A-11).
- Postal lockups - supplied by USPS, installed by General Contractor. NOTE: All wood and wood trim to be supplied and installed by contractor. See details on Sheets A-9, A-10, A-11 and A-12.
- Parcel lockers - supplied and installed by general contractor. See Specification Section 1110 and Elevations Sheet.
- Customer Self Service Units - Frames supplied by USPS installed by contractor - wood trim plywood panels to be supplied and installed by contractor - see details Sheet A-11.
- Flush mounted concealed cranks for remote clearstory window operators.
- Steel column - see Structural Drawings.
- 6" metal stud wall with 5/8" gypsum drywall each side and 6" fiberglass batt insulation. See Specifications Section.
- 8" wall constructed of staggered 3" metal studs with 5/8" type "X" gypsum - drywall each side.
- Wood/Glass customer rail - see details Sheet A-5.
- Vinyl strip curtain - see Specifications Section.
- Wood bumper - see detail (A-4).
- 5/8" gypsum drywall over P.T. 1x2 wood furring @ 16" o.c.
- 2x6 joist at 16" o.c. with 5/8" type "X" gypsum drywall.
- 18" vinyl roof with two 734 hook plates as manufactured by Shio "N" Out Company or approved equal.
- Glazing in Aluminum frame above counter.
- Recessed electrical Panel - verify size.
- 6" Bench see detail Sheet A-2.
- Flagpole, see spec. section 1009.
- 4" concrete walk (2000 PSI) REINFORCED WITH 6# @ 16" W.I. MEAS - SEE PLAN FOR EXPANSION AND CONTROL JOINT LOCATIONS.
- 4" concrete walk (2000 PSI) REINFORCED WITH 6# @ 16" W.I. MEAS - SEE PLAN FOR EXPANSION JOINTS.

ADJUSTED GROSS AREA			
BUILDING SF	(NET)	13712	12732
10% SF	(WALL ALLOWANCE)	1371	1378
PLATFORM SF	(@ 100%)	620	660
CCL SLAB SF	(@ 50%)	300	483
ADJUSTED GROSS SF		16003	15253

PARKING SPACES			
	REQUIRED	ACTUAL	
Employee	21	21	
Officials	4	4	
Carriers	5	4	
Covered Carriers	3	4	
Customers	81	81	
Handicapped Customers	3	4	

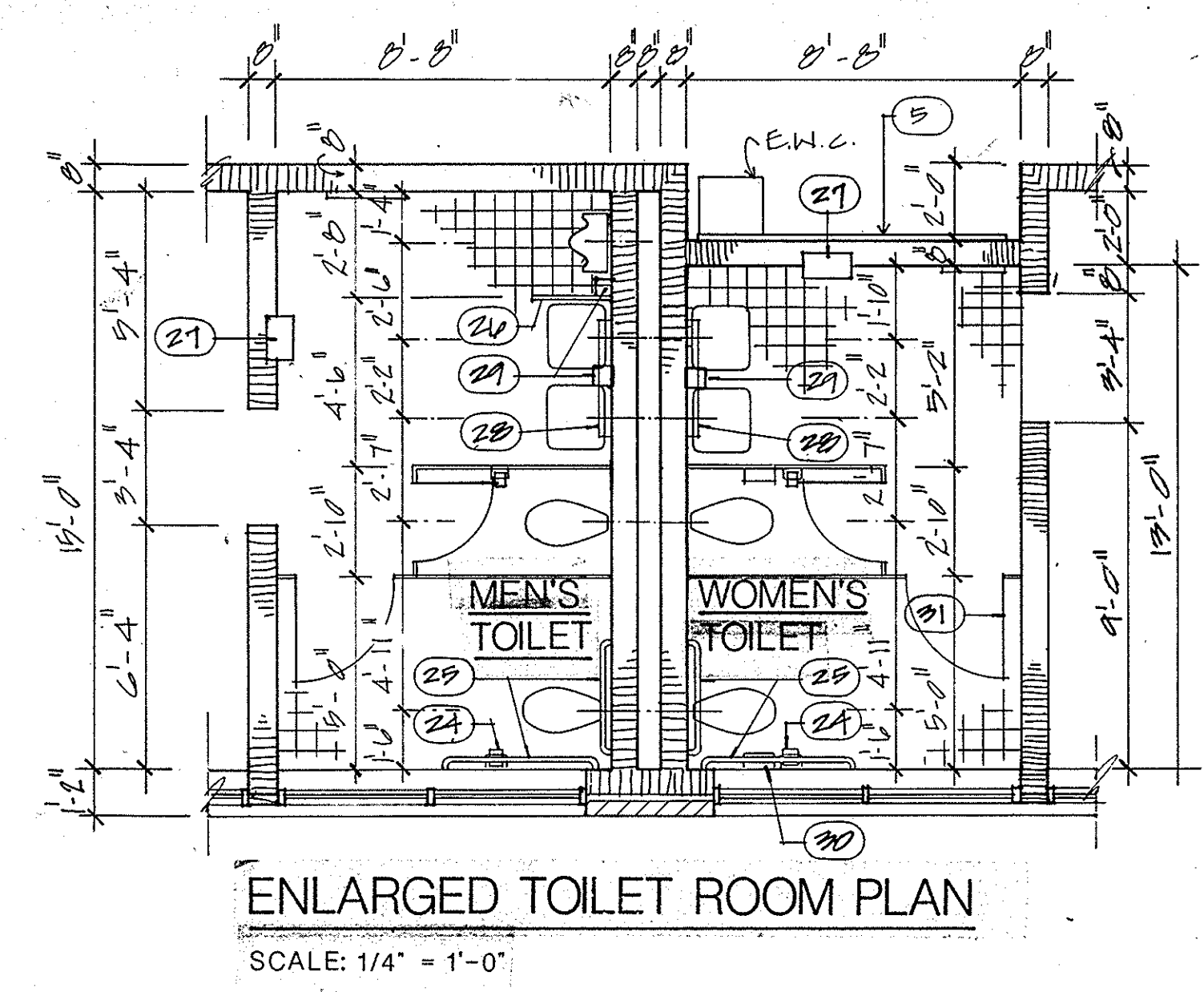
AREA	PROGRAM	ACTUAL
PAVED AREAS:		
Customer Parking	32072	39060
Employee, Carriers and Manuevering Area	7920	21240
Sidewalk	4015	5430
Off Site Paving	-0-	2880
TOTAL PAVED AREAS	44005	68610

\* AREAS AND DIMENSIONS ARE FOR INFO PURPOSES ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL QUANTITY OF AREA CALCULATIONS.

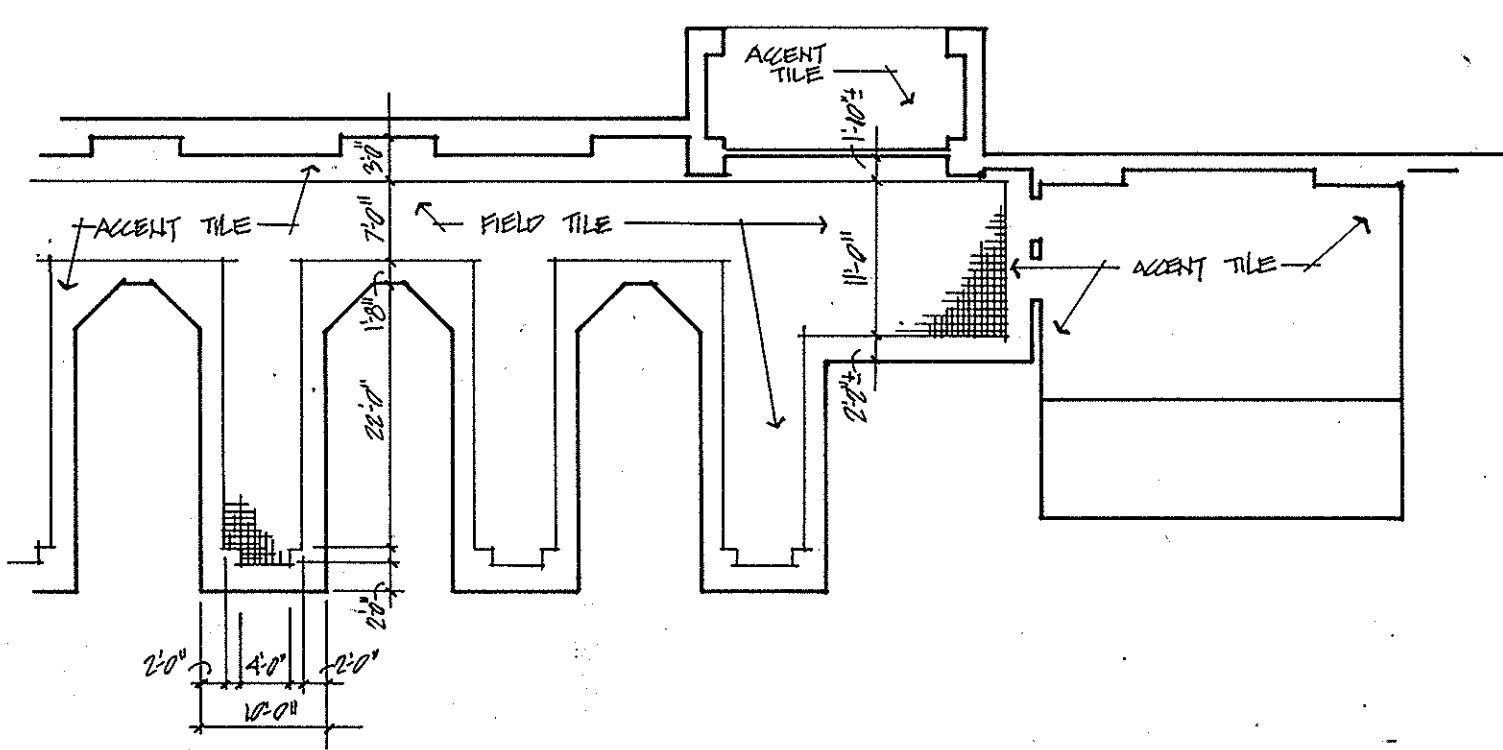
SYMBOL LEGEND

- MASONRY
- BRICK
- METAL STUD
- CONCRETE PAVEMENT
- CONCRETE WALL OR COLUMN
- TILE
- FIRE EXTINGUISHER
- DOOR NUMBER
- DRAWING NOTE
- ROOM NUMBER
- MILLWORK DESIGNATION
- ELEVATION
- WINDOW DESIGNATION
- ELECTRIC WATER COOLER
- CROSS SECTION
- WALL SECTION
- EXPANSION JOINT
- C.J.
- TYP.
- A.F.F.
- O.T.O.
- D.S.

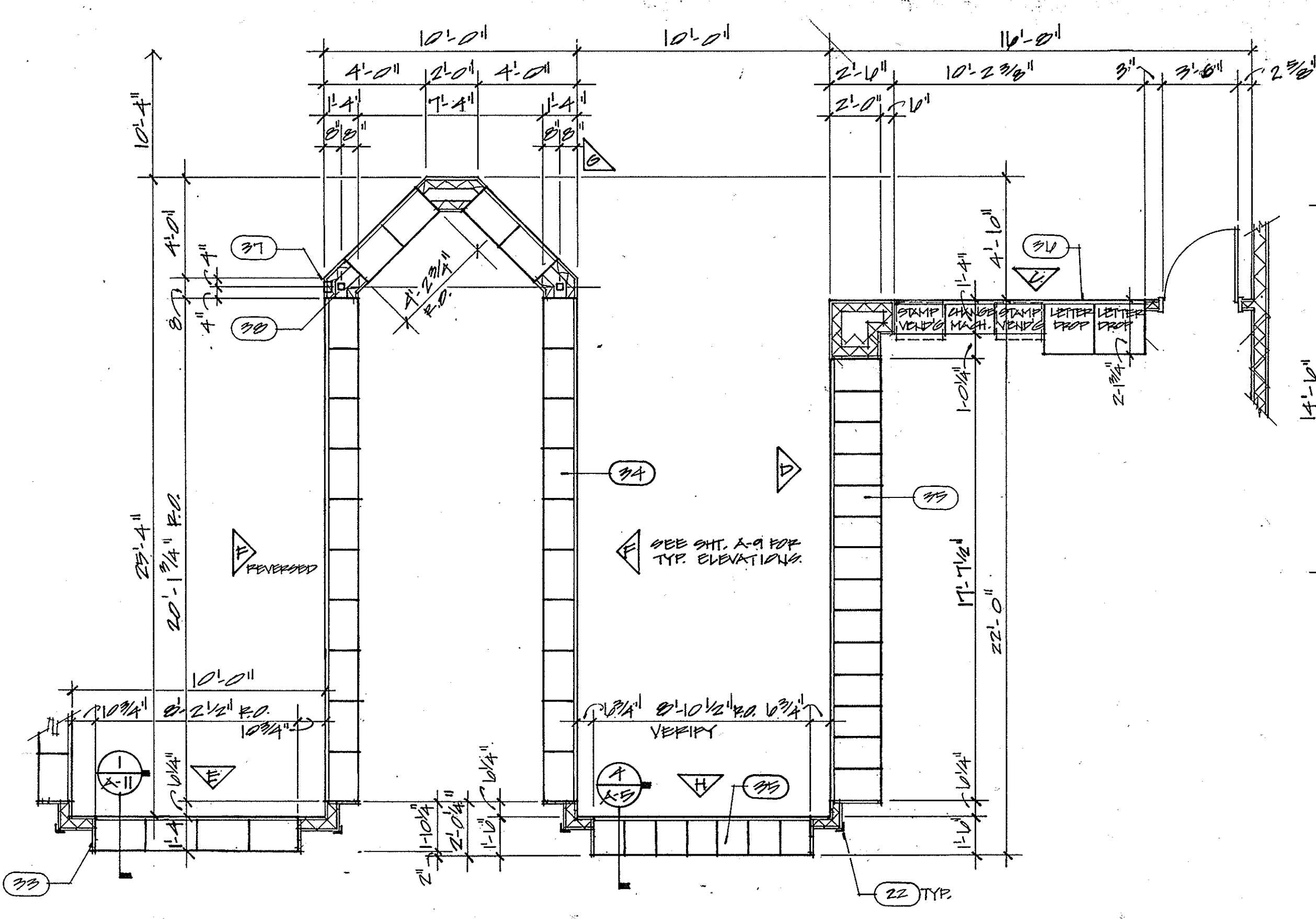
NOTE: ALL COLUMNS ARE CONCEALED IN WALLS EXCEPT AS NOTED.



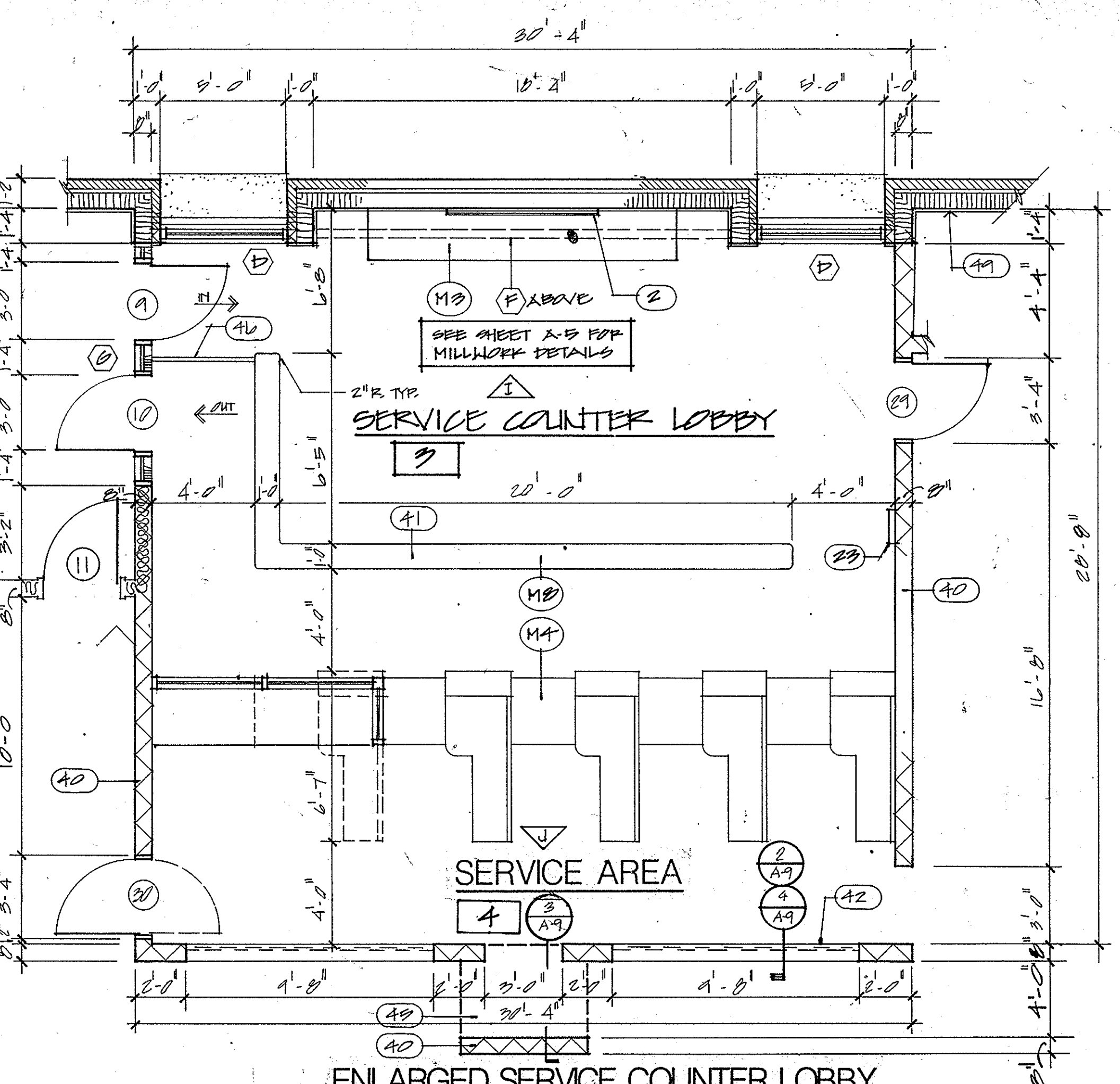
ENLARGED TOILET ROOM PLAN  
SCALE 1/4" = 1'-0"



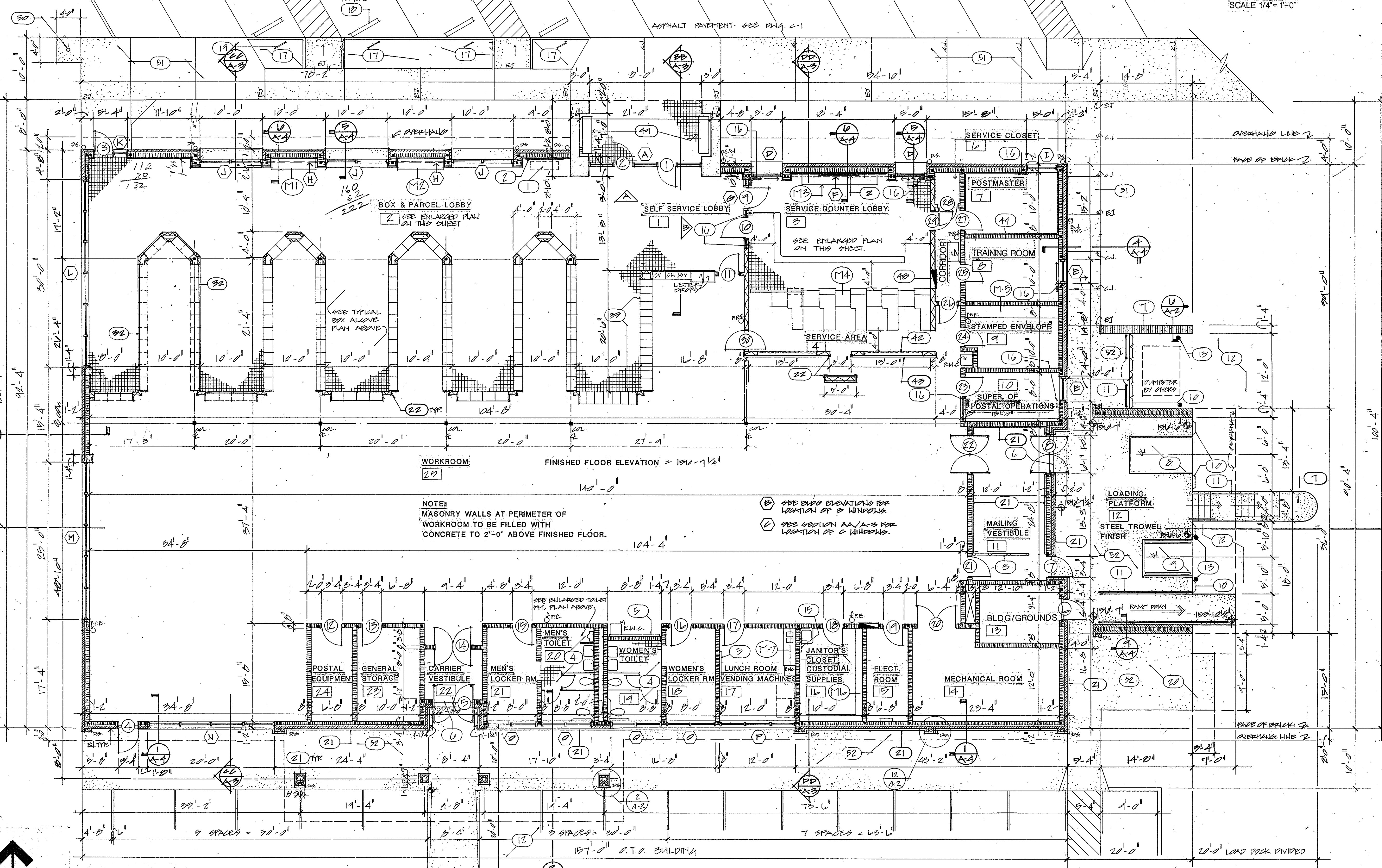
PARTIAL PLAN - TILE LAYOUT  
SCALE 1/8" = 1'-0"



PARCEL LOCKER ALCOVE PLAN AND SERVICE AREA PLAN  
SCALE 1/4" = 1'-0"



ENLARGED SERVICE COUNTER LOBBY TYPICAL POST OFFICE BOX & SERVICE AREA  
SCALE 1/4" = 1'-0"



FLOOR PLAN  
SCALE 1/8" = 1'-0"

**UNITED STATES POSTAL SERVICE**

FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

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**FLOOR PLAN**

**NEW MAIN POST OFFICE**

**DAVENPORT FLORIDA**

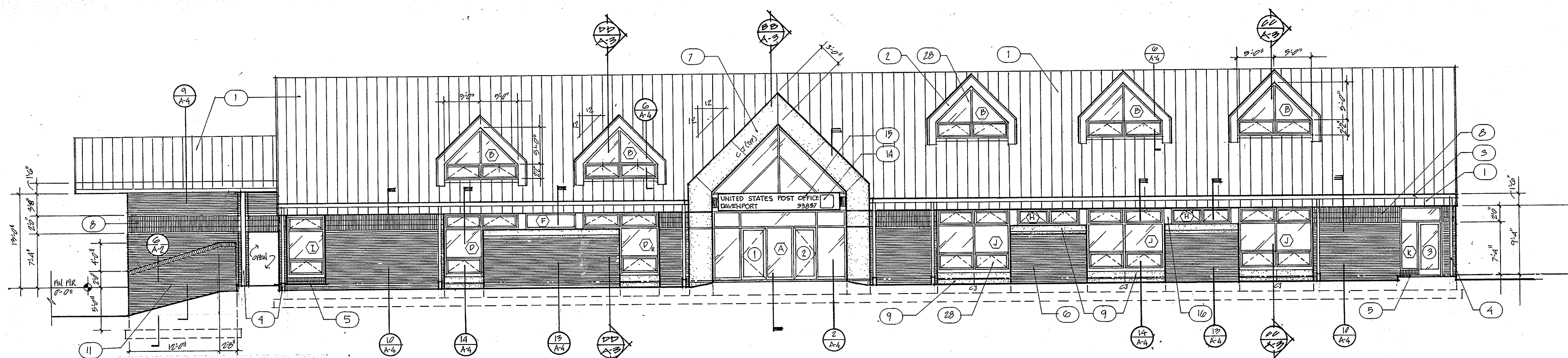
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**Lunz and Associates, Inc.**  
ARCHITECTS

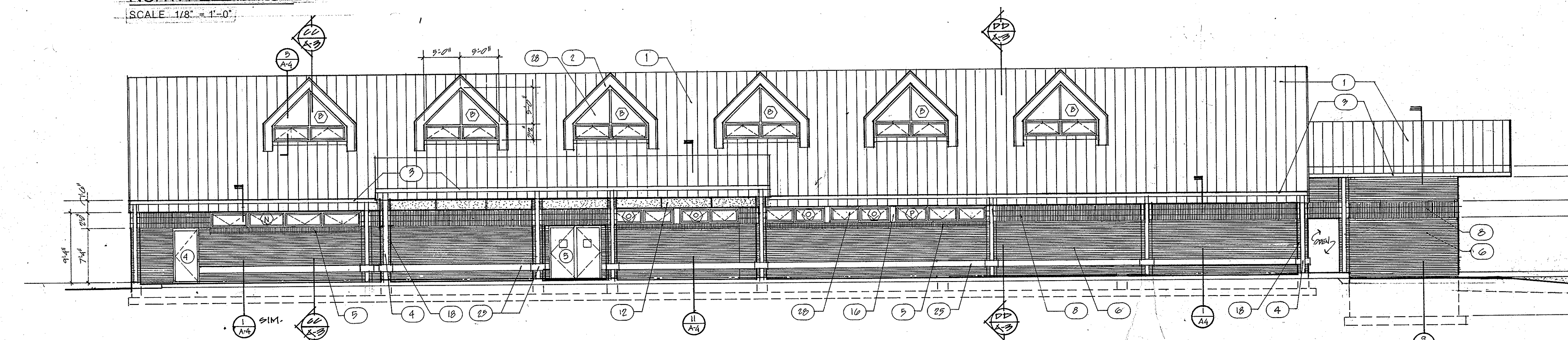
44 LAKE MORTON DRIVE  
LAKELAND, FLORIDA 33801 (813) 682-1882

A-1  
872

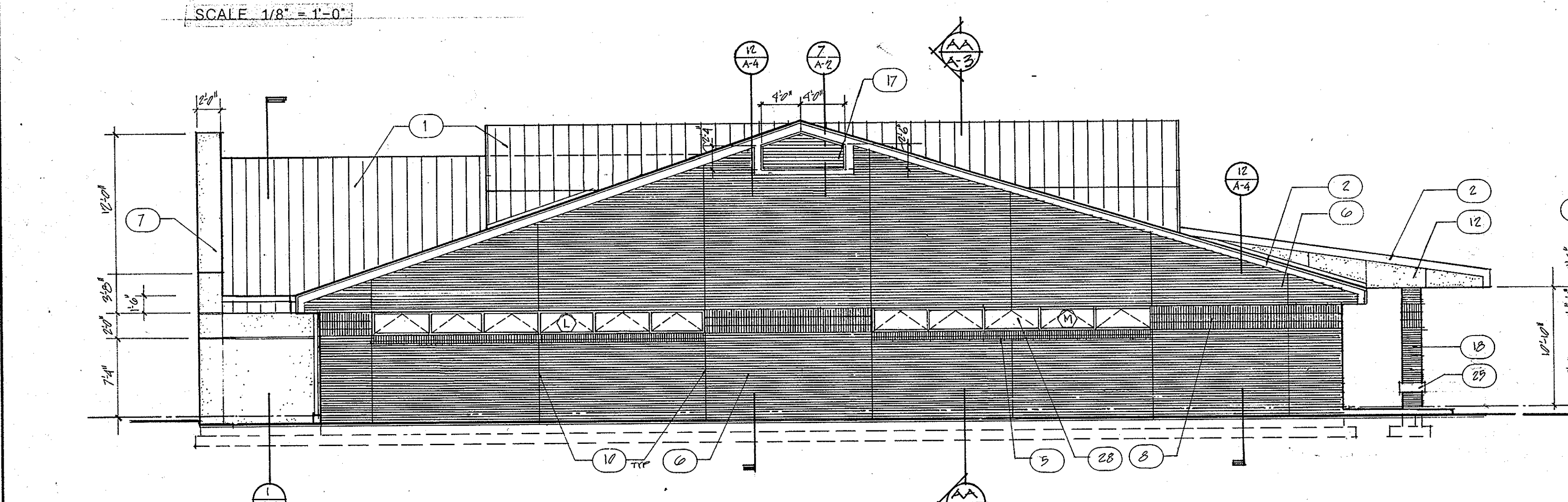




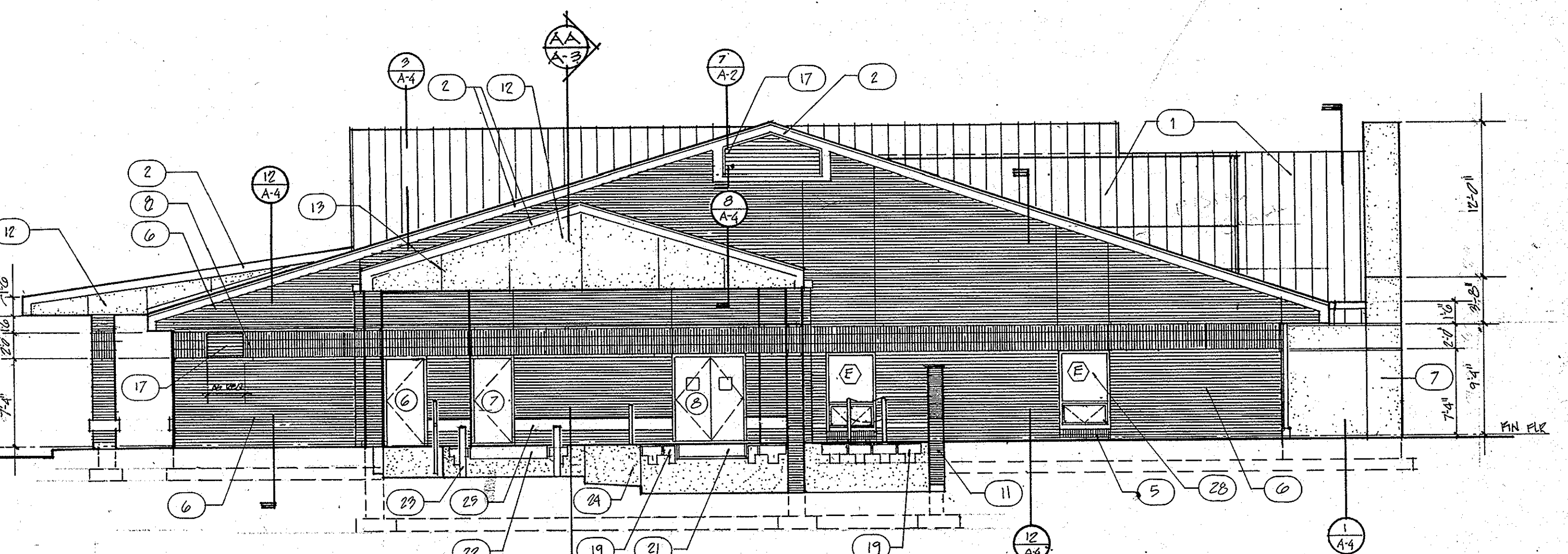
**NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



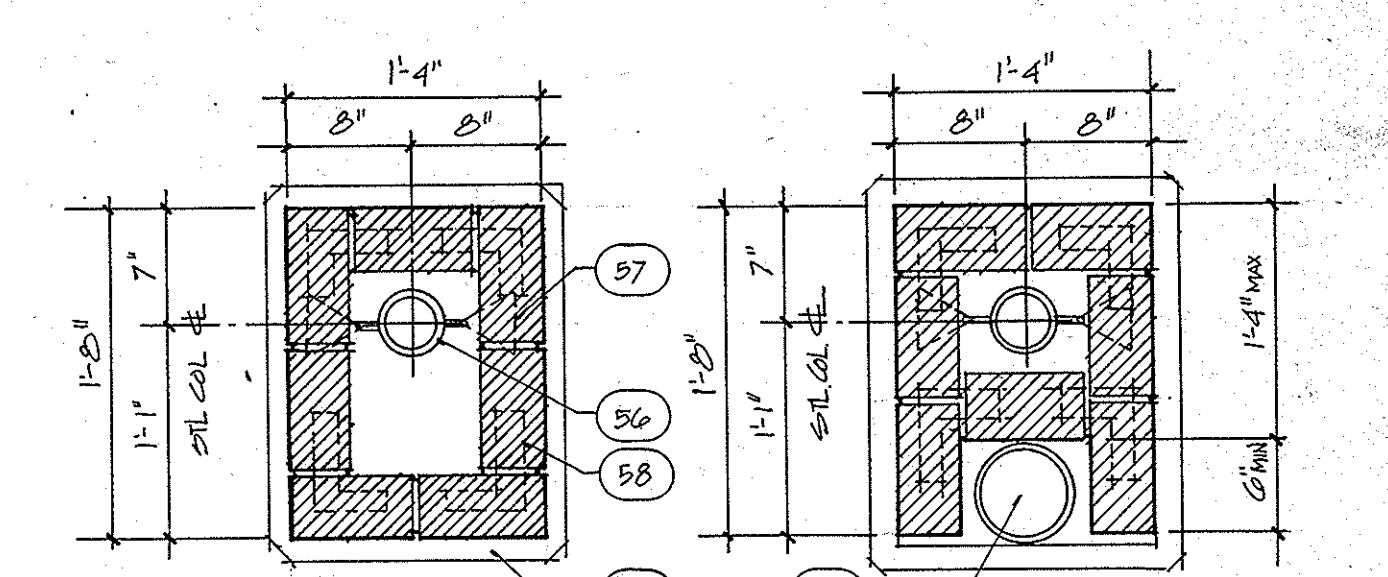
**SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



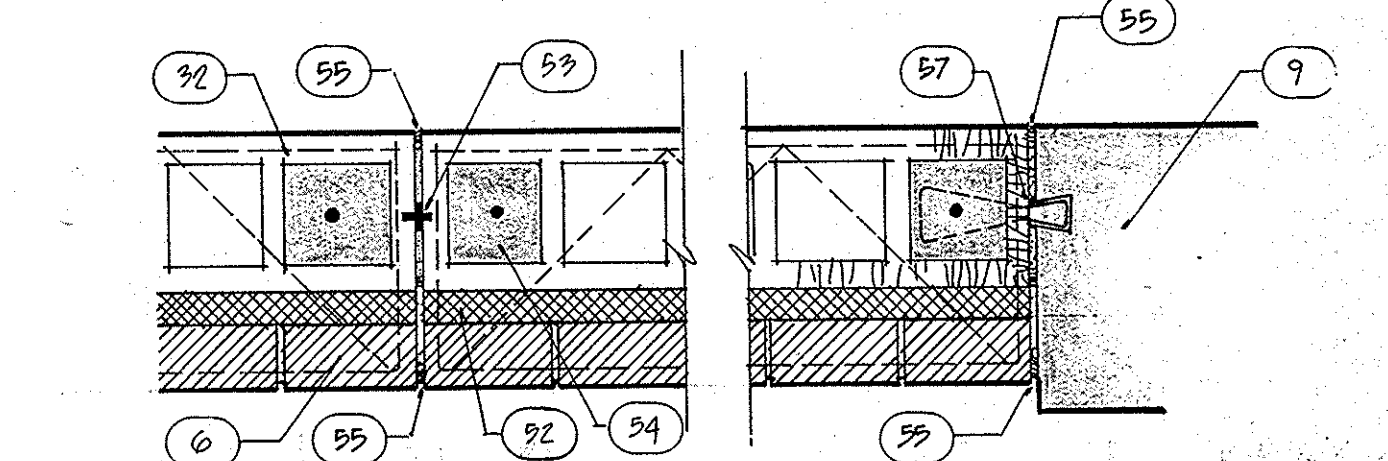
**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



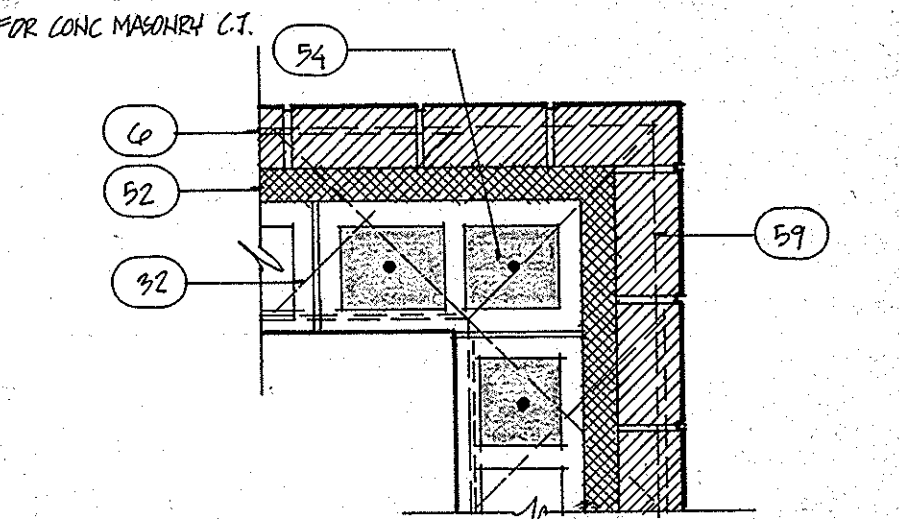
**EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**1 BRICK/STEEL COLUMN**  
A-2  
**2 COLUMN @ DOWNSPOUT**  
A-2

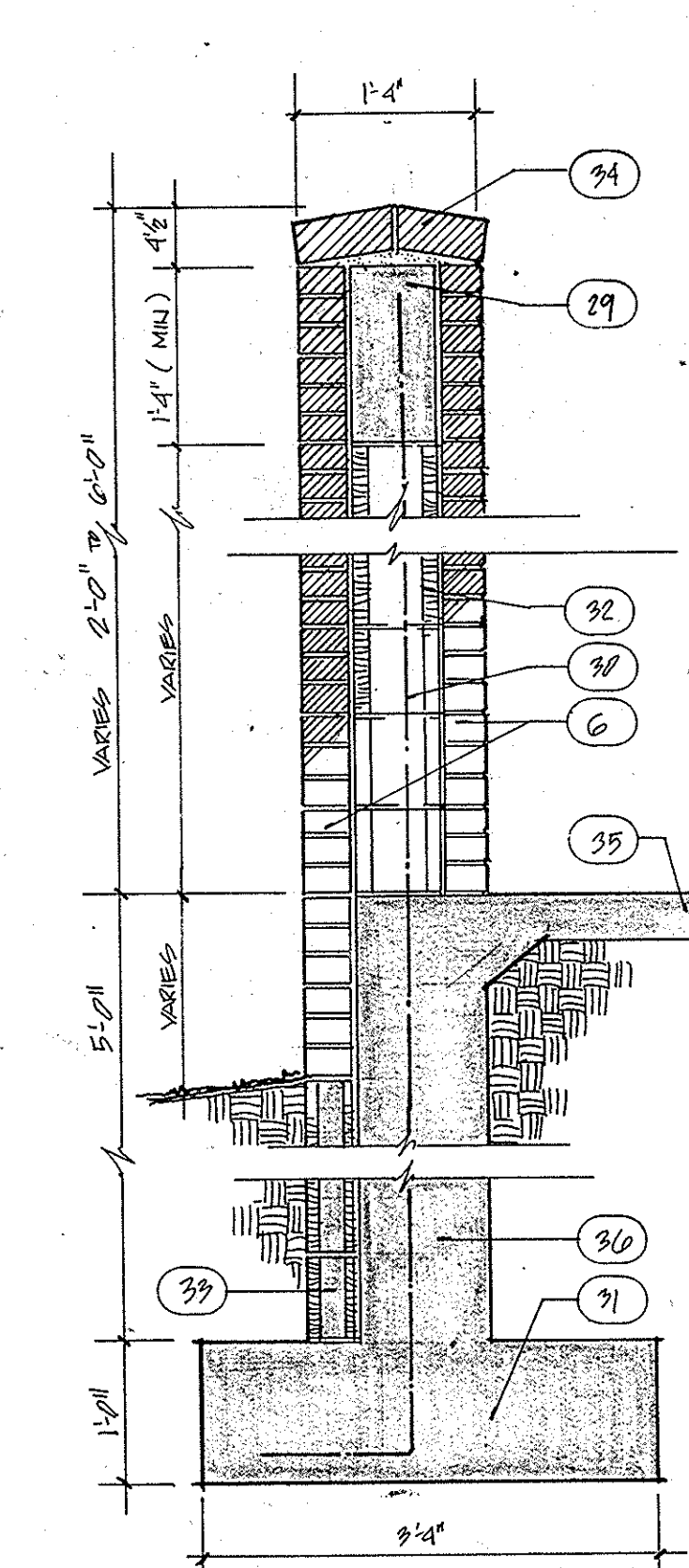


**3 CONTROL JOINT BRICK-BRICK**  
A-2  
**4 CONTROL JOINT BRICK-CONCRETE**  
A-2

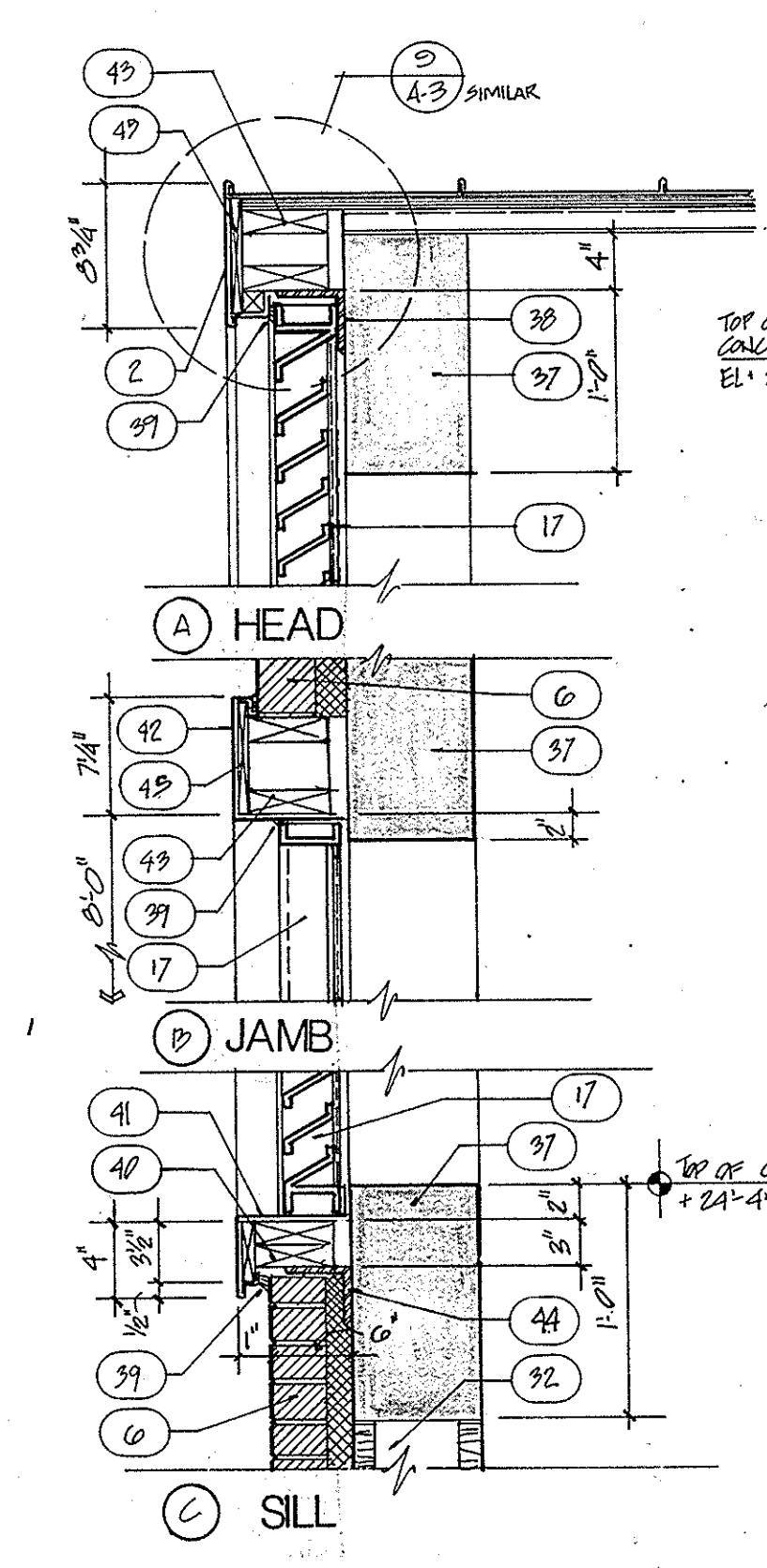


**5 BRICK CORNER REINFORCING**  
A-2

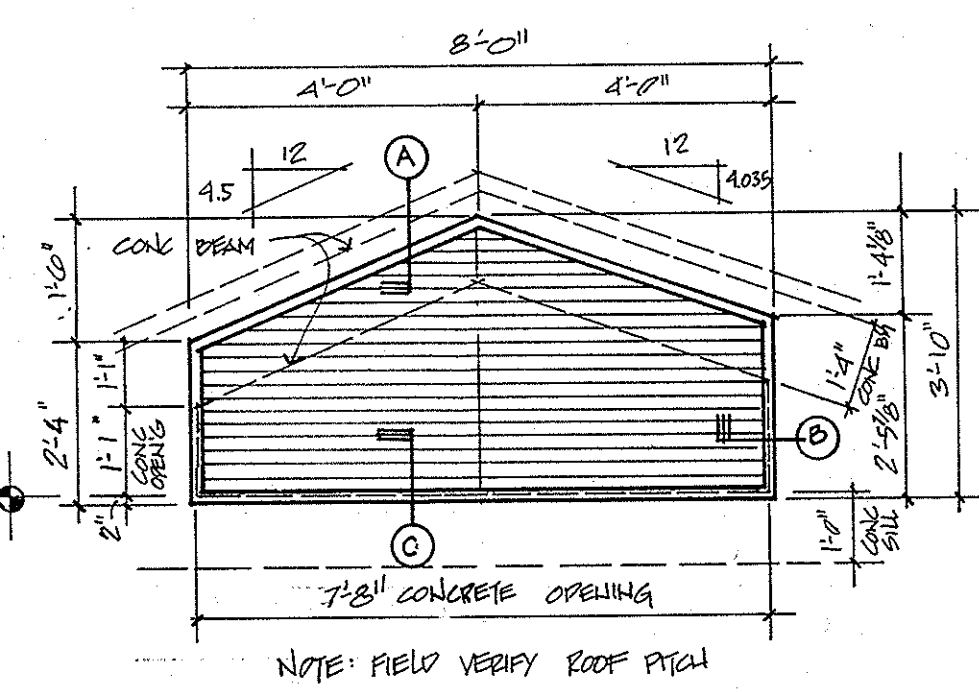
**TYPICAL BRICK DETAILS**  
SCALE: 1" = 1'-0"



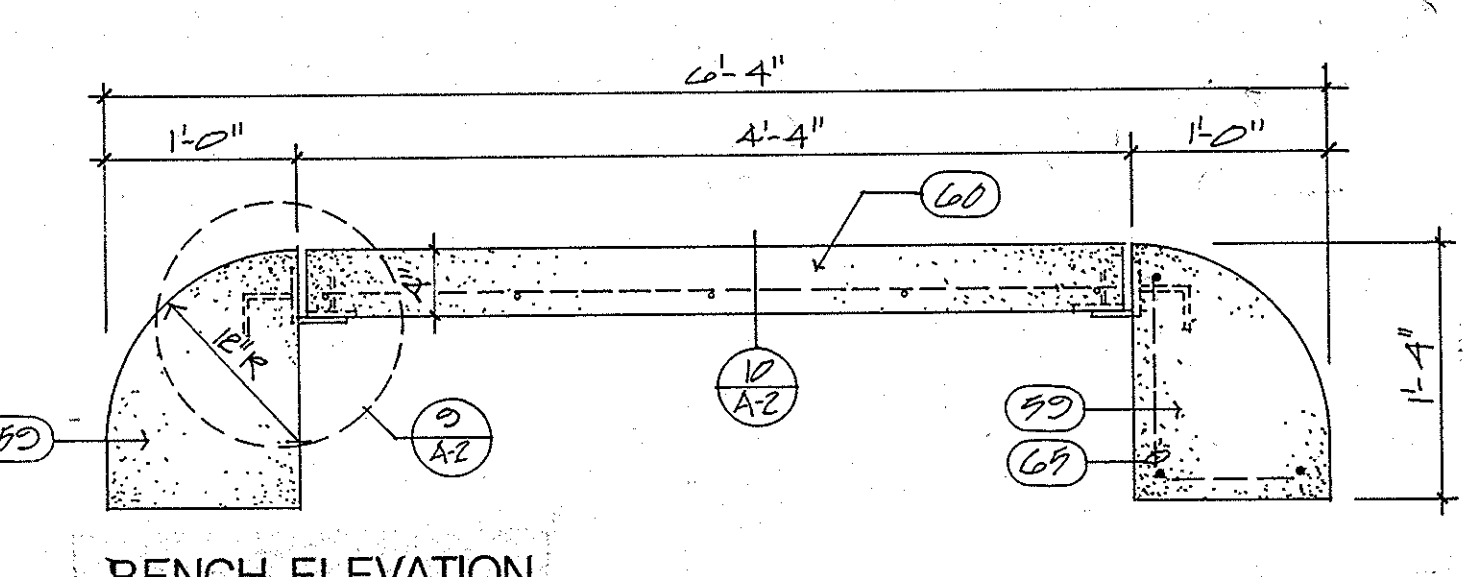
**6 SCREEN WALL DETAIL**  
A-2  
SCALE: 3/4" = 1'-0"



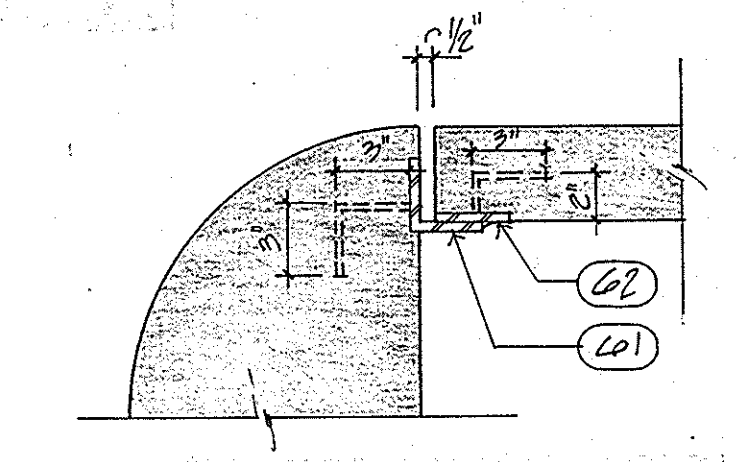
**7 GABLE END LOUVER**  
A-2  
SCALE: 1" = 1'-0"



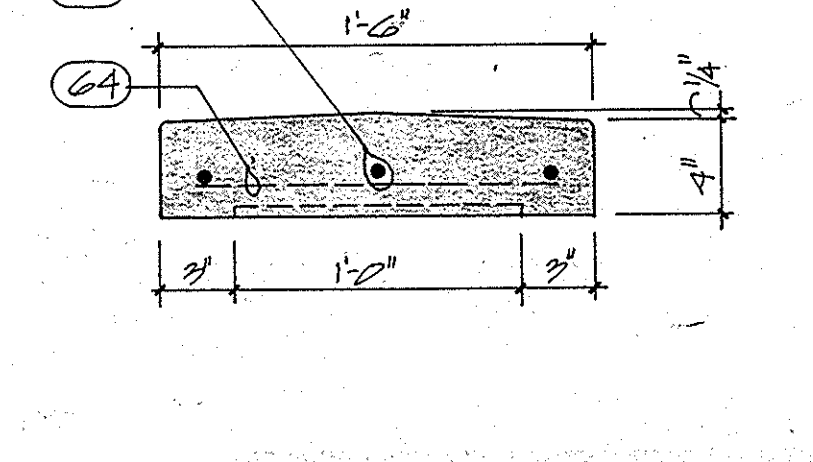
**8 GABLE LOUVER**  
WEST ELEVATION  
EAST ELEVATION REVERSED  
SCALE: 3/8" = 1'-0"



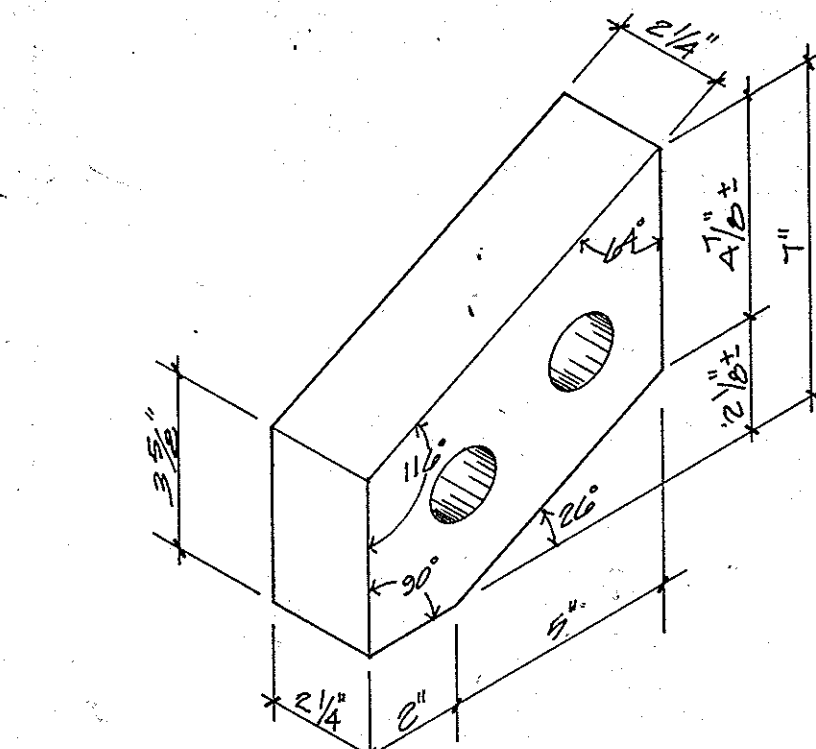
**BENCH ELEVATION**  
SCALE: 1" = 1'-0"



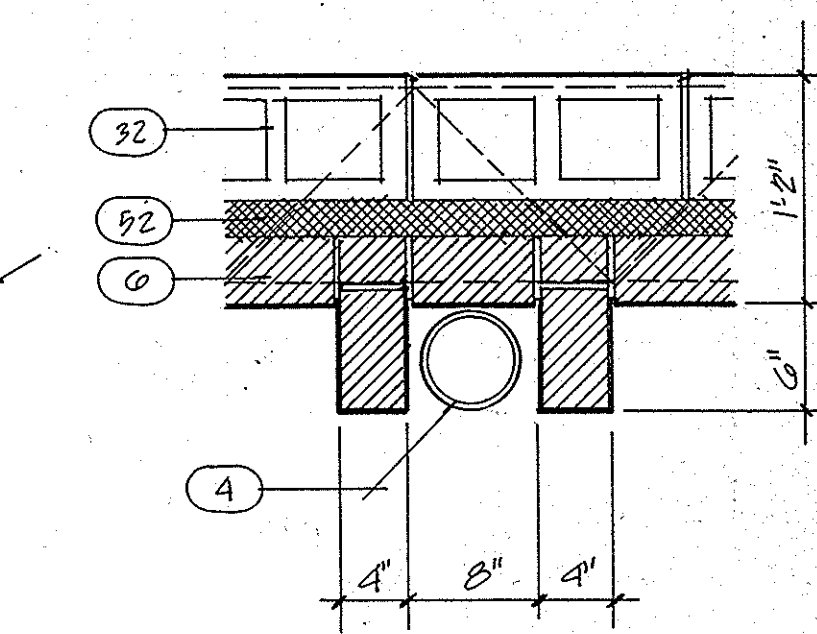
**9 TYPICAL CONNECTION**  
A-2  
SCALE: 1 1/2" = 1'-0"



**10 SECTION THRU BENCH**  
A-2  
SCALE: 1 1/2" = 1'-0"



**11 SPECIAL BRICK SHAPE**  
A-2  
N.T.S.



**12 DOWNSPOUT DETAIL**  
A-2

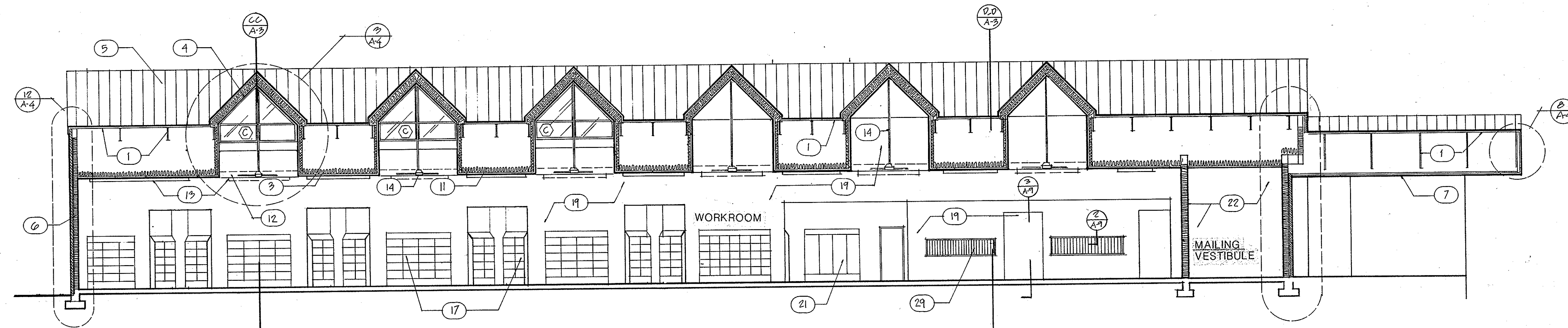
1. Aluminum standing seam metal roof. See specifications section 731.
2. 8 3/4" aluminum fascia trim. See details on sheet A-3.
3. Aluminum gutter. See details on Sheet A-3.
4. 6" aluminum downspout.
5. Brick sill.
6. 4" face brick. Rake all joints.
7. Cast in place exposed concrete beam and column with finish.
8. Stacked soldier course. Rake joints.
9. Cast in place exposed concrete sill with rubbed finish.
10. 1/2" expansion joint. See detail this sheet.
11. Masonry screen wall - see detail A-2.
12. Stucco on gypsum sheathing.
13. 1/2" expansion control screed - MM systems PECS 34-14.
14. USPS seal - supplied by USPS. Installed by contractor. See Sheet A-1.
15. 8" cast aluminum letters. See specifications section 1015.
16. Anodized aluminum break metal trim - finished to match window frame.
17. Prefinished metal louver. See Spec Section 839 - see detail this sheet.
18. Steel column wrapped with brick.
19. Loading dock bumpers. See details on sheet A-15.
20. Painted steel guardrail.
21. Dock leveler. See specifications section 1108.
22. Sissors lift. See details on sheet A-15.
23. Steel bollard - see detail sheet A-15.
24. Dock stairs - see details on Sheet A-15.
25. P-1 2x12 wood bumper - see details on Sheet A-5.
26. Exposed concrete cast around steel tube - paint exposed ends of steel tube.
27. Aluminum storefront.
28. Aluminum window with projected vent.
29. Concrete bond BM with sloped top - see structural drawings for reinforcement.
30. #5 vertical reinf. at 2'-0" o.c. or as directed. Tie to TIE-BM and footing steel. Grout reinforced cells solid.
31. Concrete footing - see structural drawings.
32. 6" concrete masonry with horizontal masonry reinf. at 16" o.c.
33. 4" concrete masonry below grade - grout solid.
34. Brick rowlock cap.
35. 4" concrete loading platform slab (5000 p.s.f.) see structural drawing.
36. 12" wide concrete foundation wall - see structural drawings.
37. Concrete bond beam - see structural drawings.
38. Continuous steel angle - see structural drawings.
39. Sealant over backer rod - see specifications section 709.
40. (2x) P-7 2x6 nailer with P-7 1x4 edge board.
41. Aluminum break metal sill flashing with continuous cleat finish to match roof trim.
42. Aluminum break metal trim - finish to match roof trim.
43. TD - P-7 2x6 nailer with blocking at 24" o.c.
44. Steel bent extended 81" beyond masonry opening each side - see structural drawings.
45. P-7 1x8 Sub-Fascia.
46. Open back head joint weeps @ 16" o.c.
47. Through wall flashing.
48. Steel channel frame with MC8x Top and MC10x21.9 bottom and sides.
49. #5 rebar at 6" o.c. each way - see spec. # 551.
50. 8" precast concrete lintel with #5 continuous reinf. - grout solid.
51. 8" knock-out block with #5 reinf. extend rod up each side of opening until grout reinforced masonry cells solid.
52. 2" polystyrene insulated panels.
53. Water stop - see spec. section 300.
54. #5 vertical reinf. - grout reinforced cells solid.
55. Rake joint 3/4" and caulk.
56. Steel column - see structural.
57. Adjustable triangle wire tie.
58. Wire tie.
59. Precast concrete base with rubbed finish to match exterior concrete.
60. Precast concrete bench with rubbed finish to match exterior concrete.
61. 12" long 3"x3" x3/8" galvanized steel angle with three 3/8" bent bars set in concrete.
62. 3/8"x12"x3" galvanized steel plate with three 3/8" bent bars set in concrete.
63. 3 Number 5 bars.
64. Number 3 bars @ 12" o.c.
65. 3 number 5 @ 5" o.c. with 15" number 5 @ each end and center - typical each base.

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

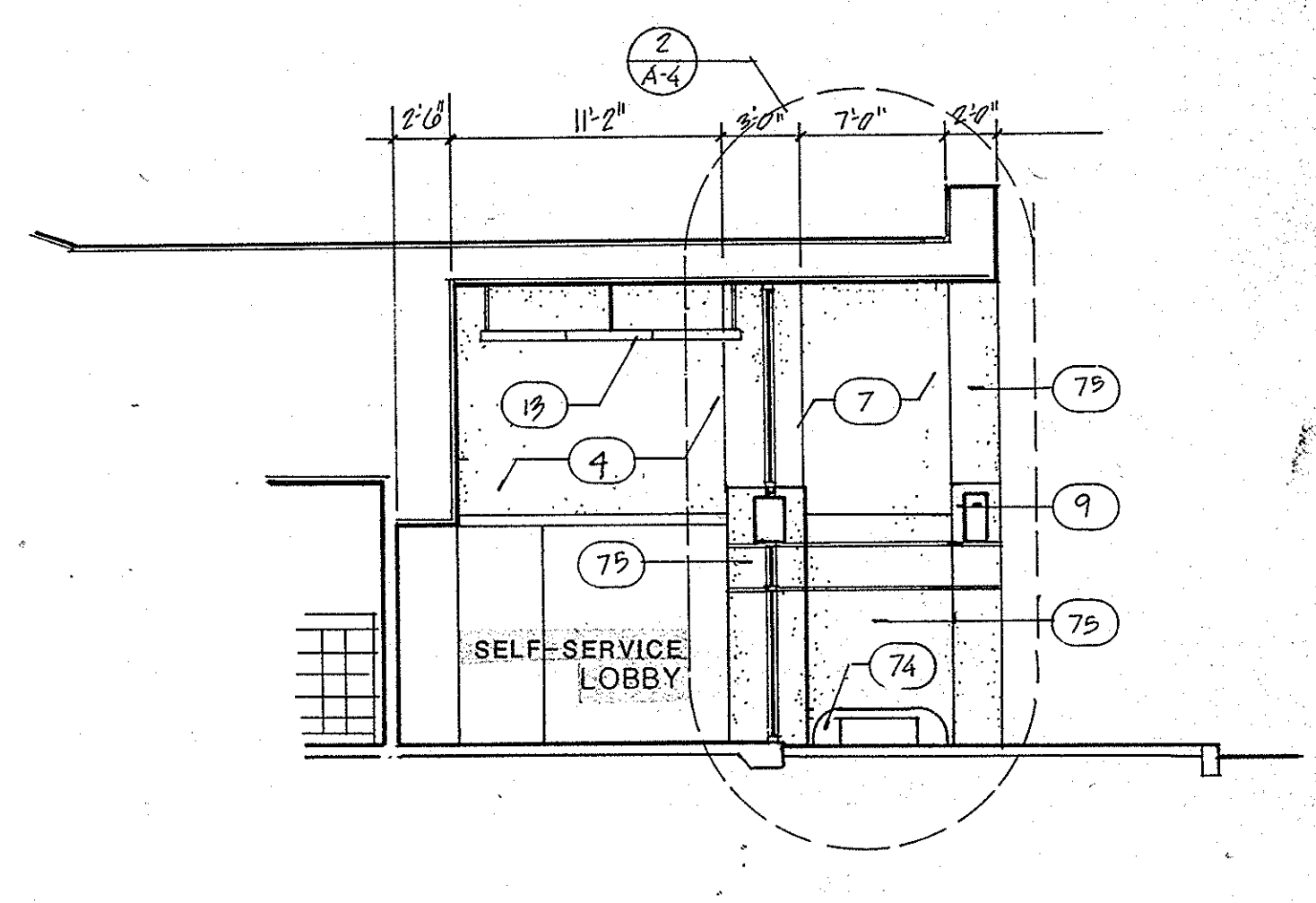
REVISION 2 ISSUED	ELEVATIONS	
REVISION 1 ISSUED	NEW MAIN POST OFFICE	
ISSUED FOR CONSTRUCTION	DAVENPORT	FLORIDA
ISSUED FOR APPROVAL	Lunz and Associates, Inc. ARCHITECTS	
APPROVED BY	LAKE HORTON DRIVE LAKELAND, FLORIDA 33852 (813) 682-1882	
CHECKED BY	A-2	
DRAWN BY	8721	



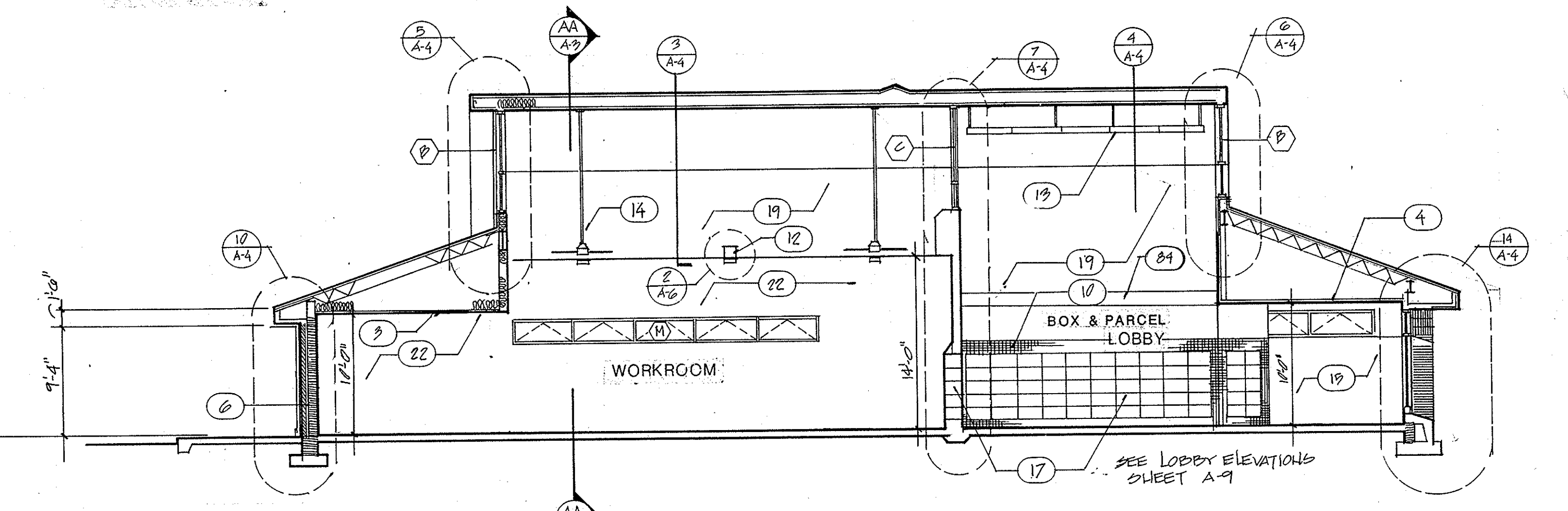
1. Roof structure - see structural drawings.
2. Column footing - See Dwg. S-1
3. Suspended Acoustical tile ceiling.
4. Suspended drywall ceiling.
5. Shop formed metal roof - See spec. #731.
6. 8" concrete masonry wall with 4" face brick.
7. Exterior plaster soffit on suspended metal lath. See Spec. # 911 & 917
8. Exterior reinforced concrete beam cast around steel tube see exterior elevations - Sheet A-2 for signage to be mounted on beam.
9. Ceramic tile - see box & parcel lobby elevations on Sheet A-9.
10. Insulation See Spec. #741.
11. Light fixture support beam - see detail 2/A-5
12. Light fixture.
13. Pendant mounted ceiling fan.
14. Vinyl covered drywall over metal studs.
15. Concrete floor slab. See Dwg. S-1 for recess locations.
16. Parcel and letter boxes.
17. Operable clerestory.
18. Painted gypsumboard over metal studs.
19. Fixed clerestory.
20. Self service postal machines.
21. Painted masonry finish.
22. 4"x8" tile finish to 6'-8" A.F.F. around item -17- walls.
23. Face brick. See Spec. #403.
24. 3/2" metal stud bracing at 16"o.c.
25. Fill all block wall cores solid for the first 24" A.F.F. around work room.
26. Concrete walk.
27. Steel Column.
28. Vinyl strip curtain.
29. 5/8" plywood sheathing - Spec. Section
30. Metal deck - see structural drawings.
31. Steel metal joist - see structural drawings.
32. Steel beam - see structural drawings.
33. Steel column - see structural drawings.
34. Continuous steel bent - see structural drawings.
35. 3/2" metal studs at 16"o.c. with continuous top and bottom runner.
36. P.1. 2x4 continuous nailer with beveled top.
37. Fry PRM 75-75
38. 3/4" furring channels on suspended 1 1/2" channels.
39. Concrete beam - see structural drawings.
40. Aluminum roof pan with standing seams at 16" o.c. See specifications section 731.
41. Seam cap, caulk and pop rivet in place.
42. Drip flashing.
43. Continuous cleat.
44. Aluminum gutter - fabricate from .040 same finish as roof pan. Secure with gutter hangers and spacers of .080 aluminum each side of leader and at 36" o.c. staggered. See Spec. Section 711 & 731.
45. 6" aluminum irrigation pipe downspout with lielnarc joints at all offsets - see spec. section 711.
46. Eave trim - finish to match roof pan - see spec. section 731.
47. Continuous closure - finish to match roof pan - see spec. section 731.
48. 2" clip with neoprene closure.
49. Continuous "3" casing bead.
50. Sealant with backer rod.
51. 4" face brick saw cut at rake of roof where required.
52. P.T. 1x6 nailer.
53. Cut from P.T. 2x6.
54. P.T. 2x4 continuous top and bottom with 2x4x8" blocking at 36"o.c.
55. P.T. 2x4 continuous nailer.
56. P.T. 2x6 nailer.
57. Aluminum leader - construct from .040 aluminum with same finish as roof pan - Leader to be enclosed on all sides below soffit except for openings at gutter and downspout. Revit and weld to gutter.
58. Cut from P.T. 1x4.
59. 3/4" stucco on metal lath over gypsum sheathing.
60. Continuous angle - see structural drawing.
61. Break metal by window installer.
62. Aluminum window.
63. Construct pocket in fascia to receive leader - Finish inside with 3/4" stucco painted.
64. Counter flashing by roofing manufacture - extend slip sheet up wall behind flashing - set flashing with sealant.
65. Outlet thimbel - revit and weld to leader.
66. Steel stub column with steel plate top and bottom see structural drawings.
67. 8" concrete masonry wall with horizontal masonry reinforcing at 16"o.c. and - close to roof deck W/8" Cmu's above concrete Bond BM.
68. 6" metal studs @ 16"o.c. suspended from roof structure similar to detail 3/A-4.
69. 8" metal stud wall - see detail 1/A-9.
70. Concrete bench - see details sheet A-2.
71. Exposed concrete.
72. 6" steel channel rigid-bent.
73. Fry type "CO" springlock reglet & counter flashing system.
74. Extend slip sheet up wall behind flashing.
75. 1 1/2" High hat furring channels at 16"o.c.
76. P.T. 2x12 sub-fascia.
77. Fry PCS-75-V-200.
78. 12" interlocking soffit panel - material and finish to match roof pan.
79. (2) P.T. 2x6.
80. LIGHT COVE - SEE DETAIL 2/A



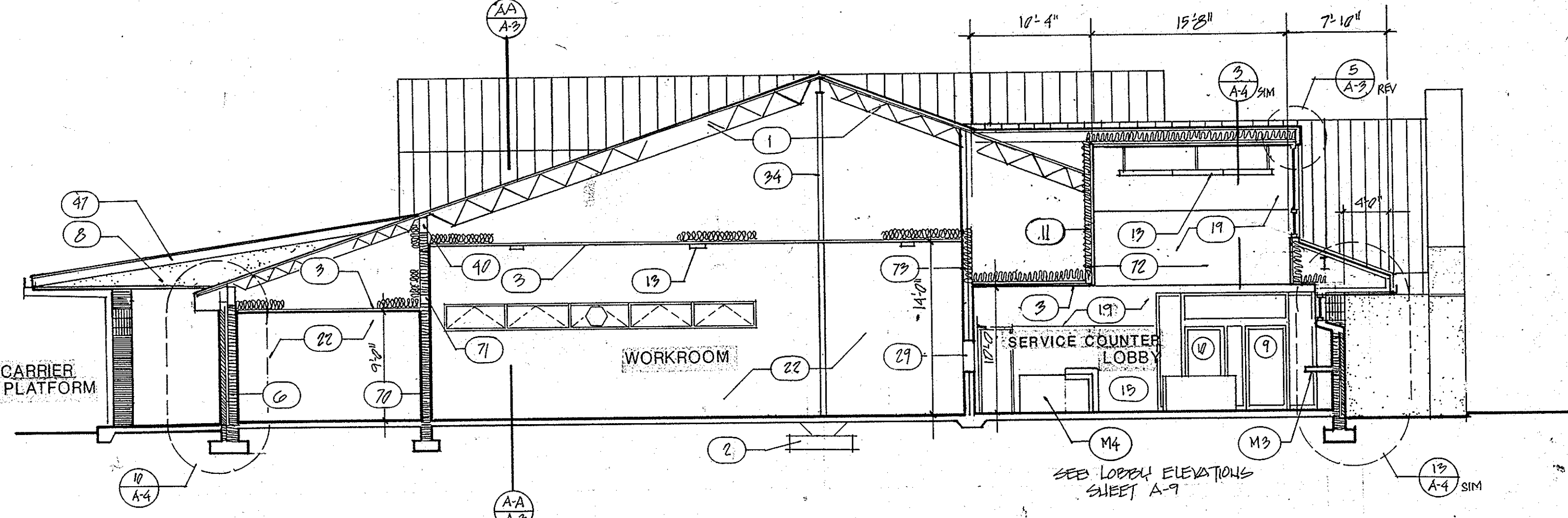
SECTION A-A  
SCALE: 1/8" = 1'-0"  
LOOKING NORTH



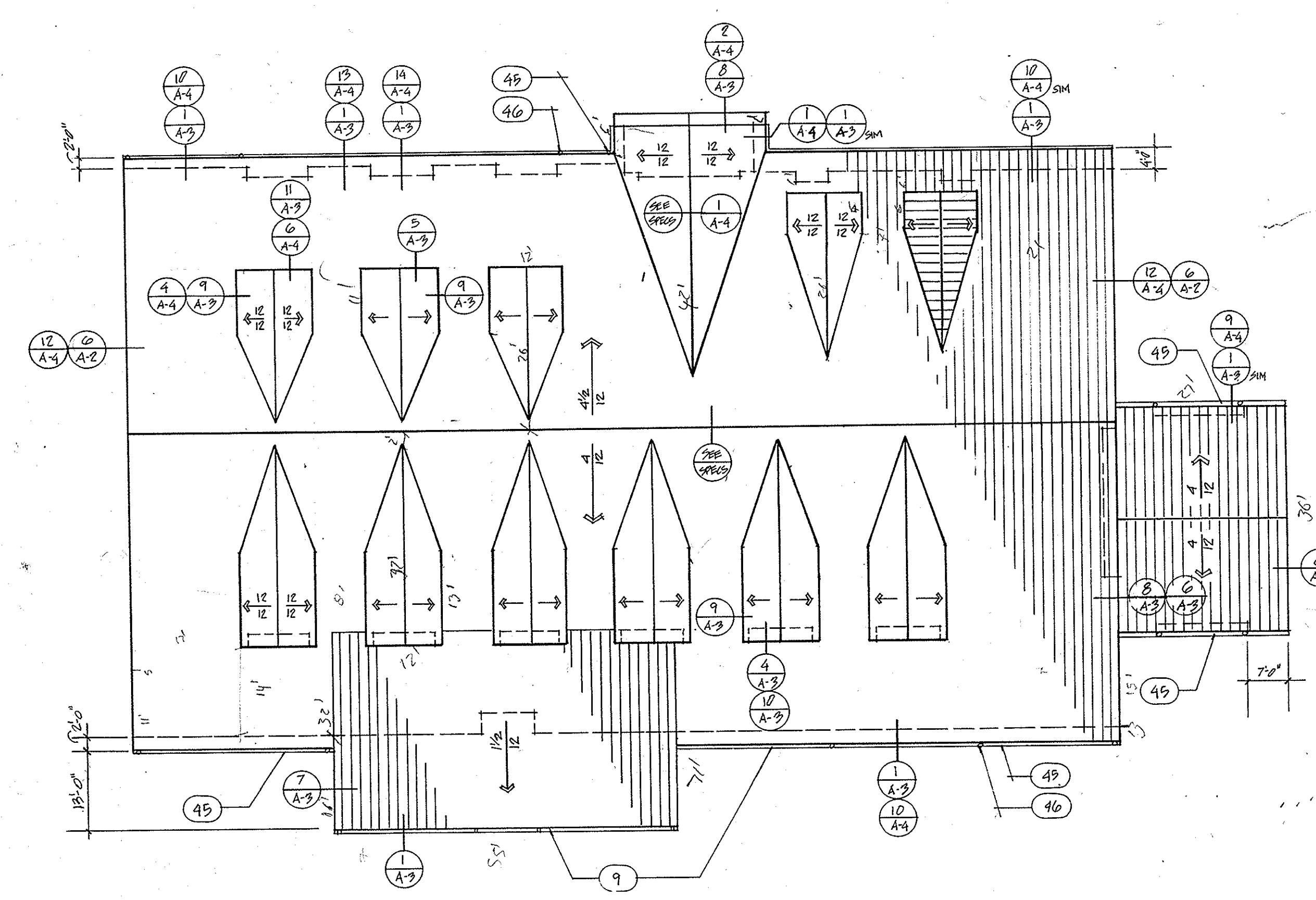
SECTION B-B  
SCALE: 1/8" = 1'-0"



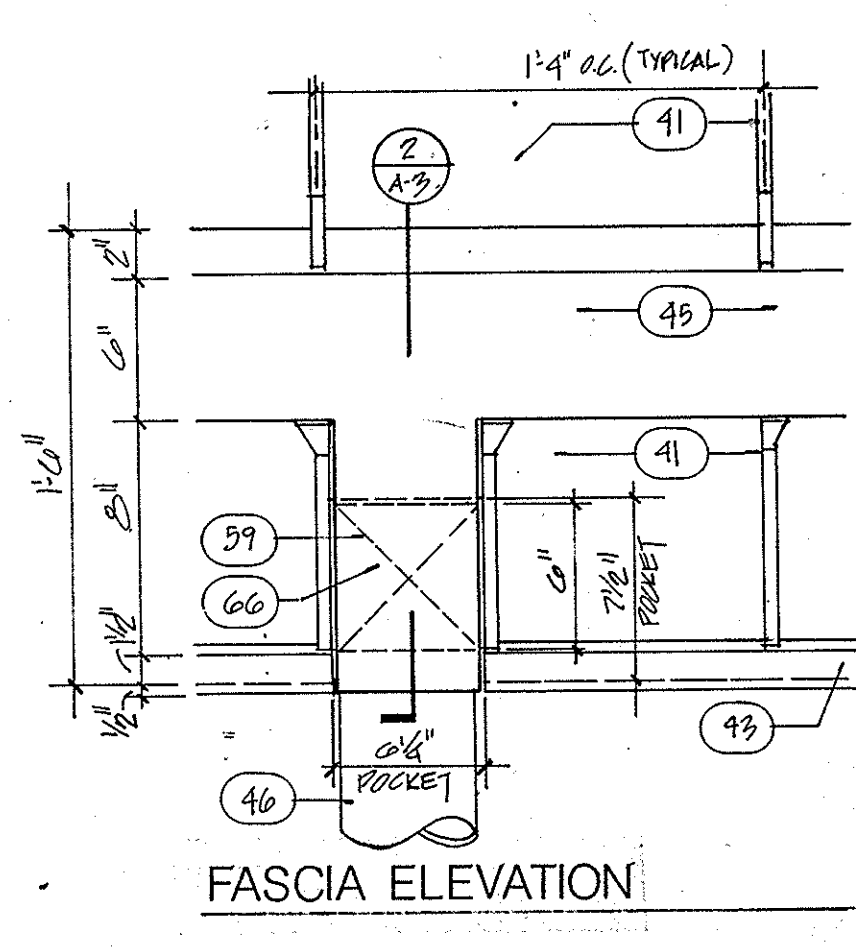
SECTION C-C  
SCALE: 1/8" = 1'-0"  
LOOKING WEST



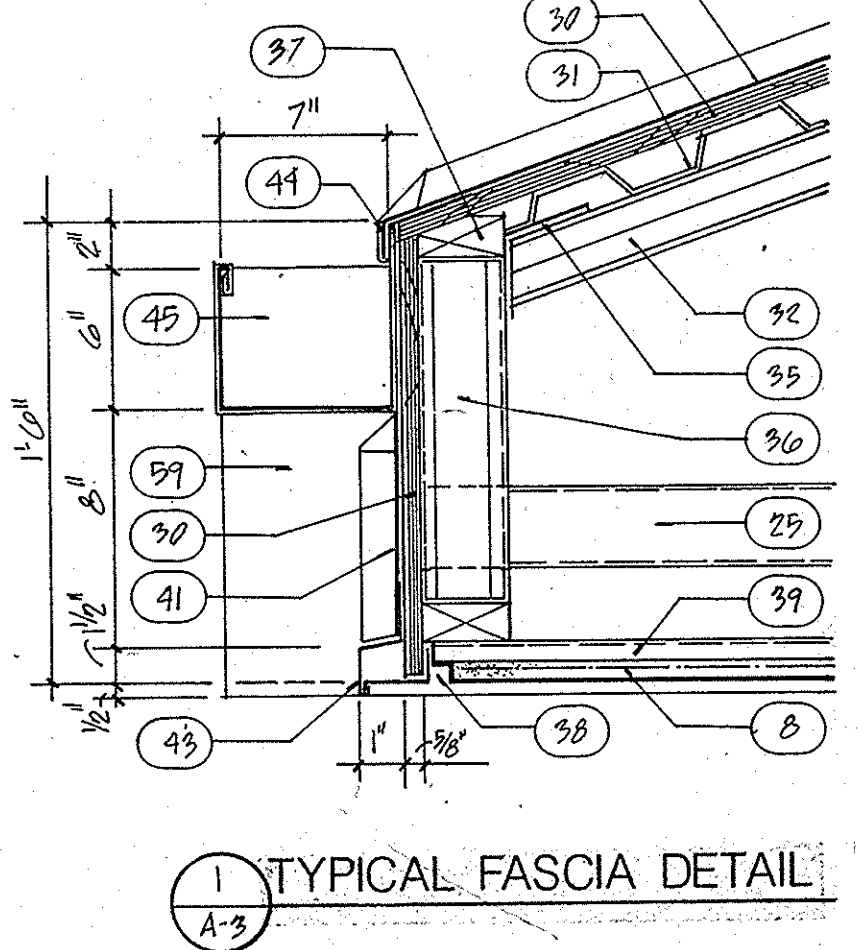
SECTION D-D  
SCALE: 1/8" = 1'-0"  
LOOKING WEST



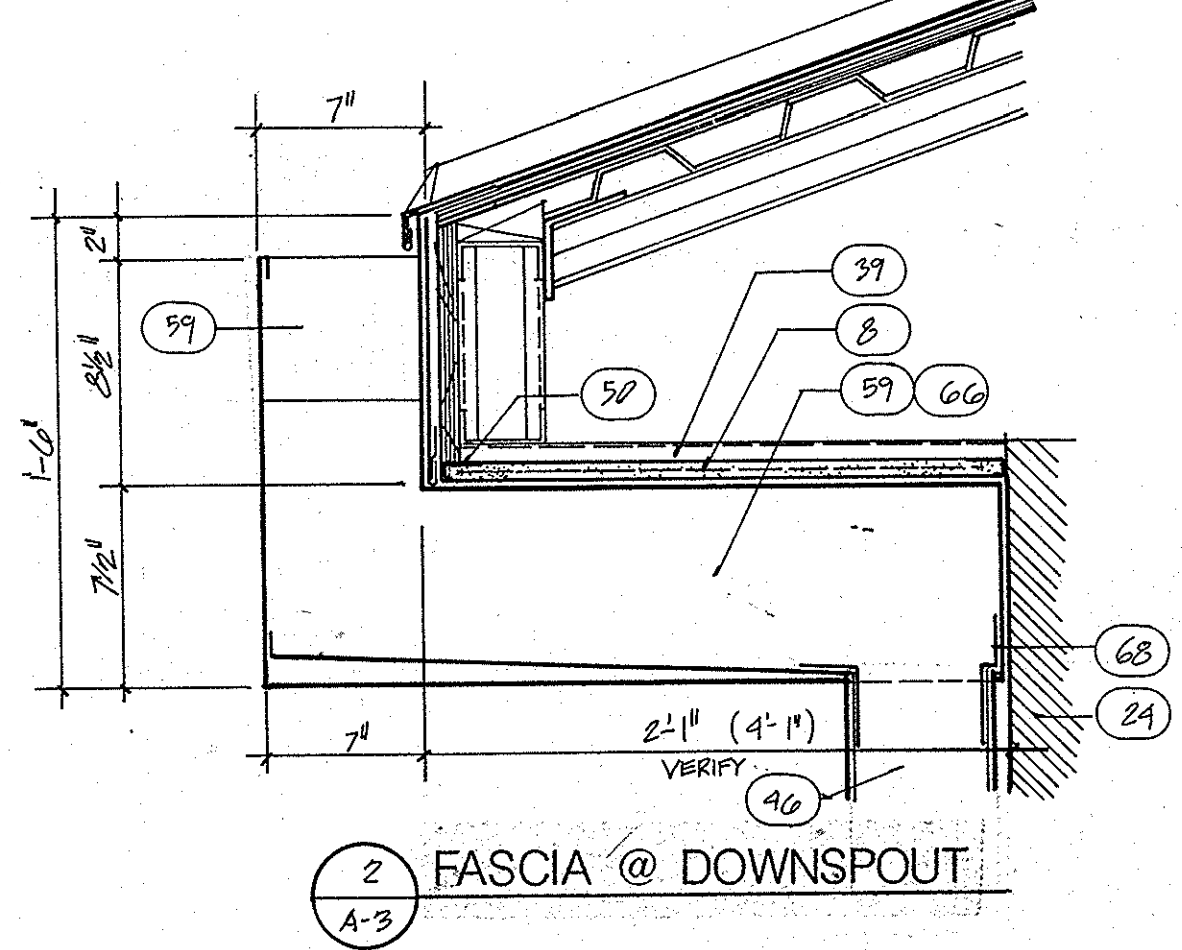
ROOF PLAN  
SCALE: 1/16" = 1'-0"



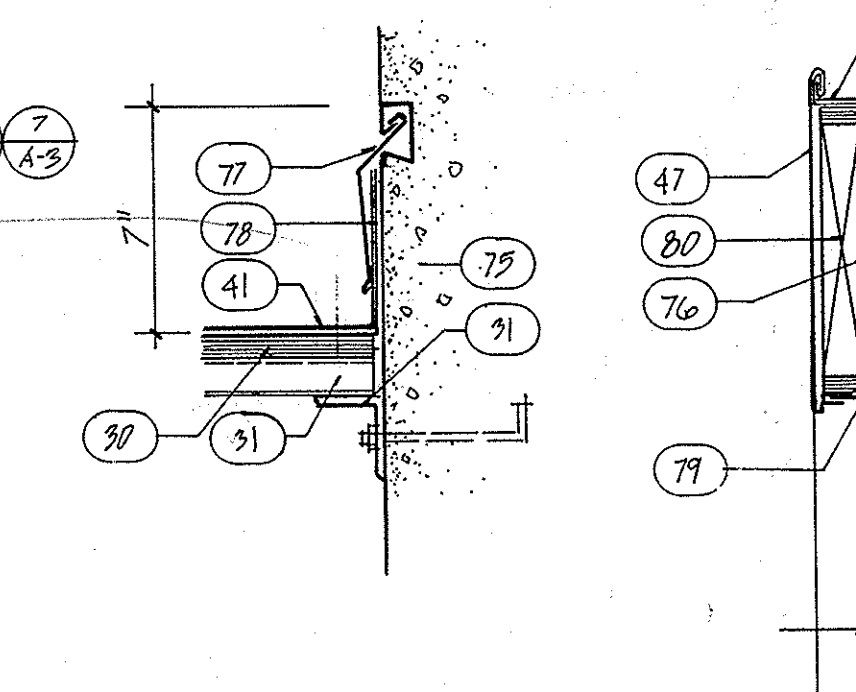
FASCIA ELEVATION



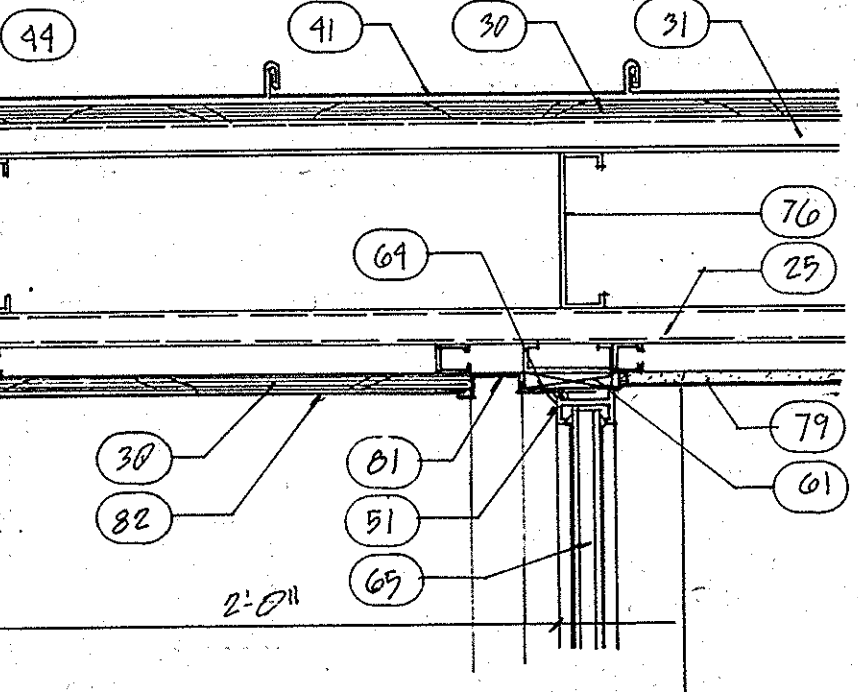
TYPICAL FASCIA DETAIL



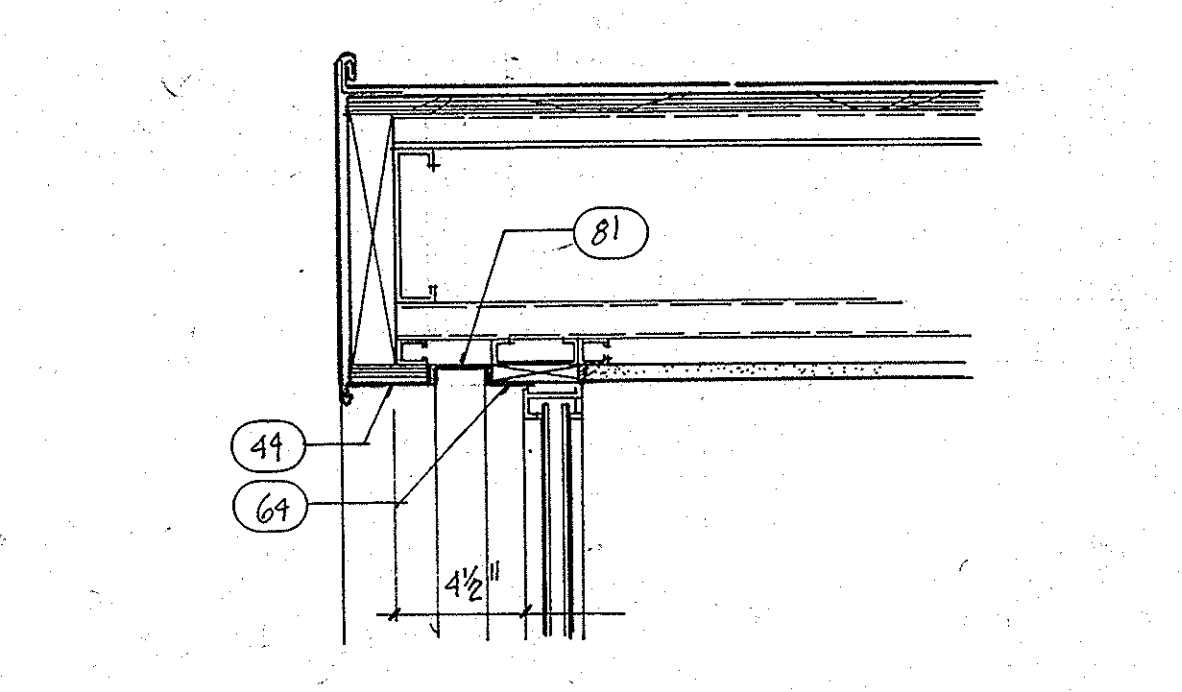
FASCIA @ DOWNSPOUT



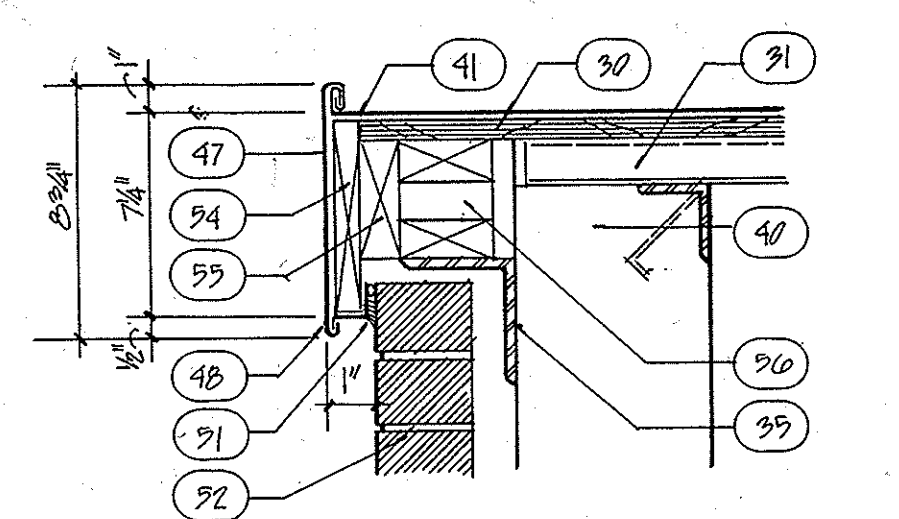
SIDEWALL FLASHING



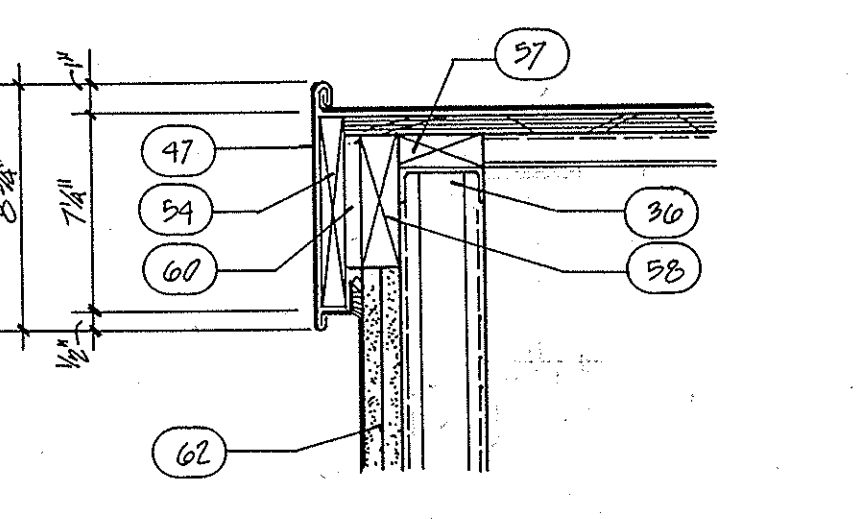
DORMER FASCIA - SOUTH



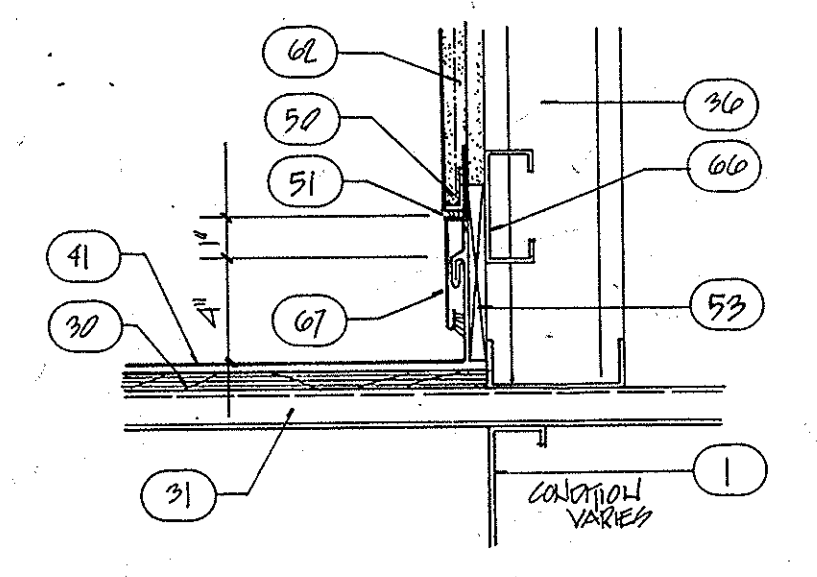
DORMER FASCIA - NORTH



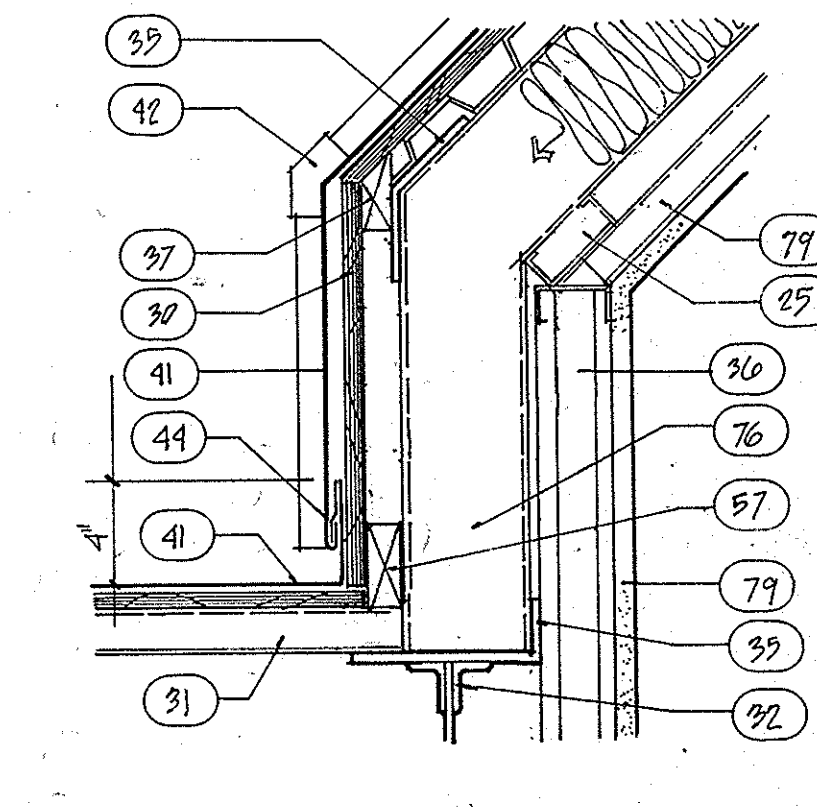
EAVE TRIM @ BRICK



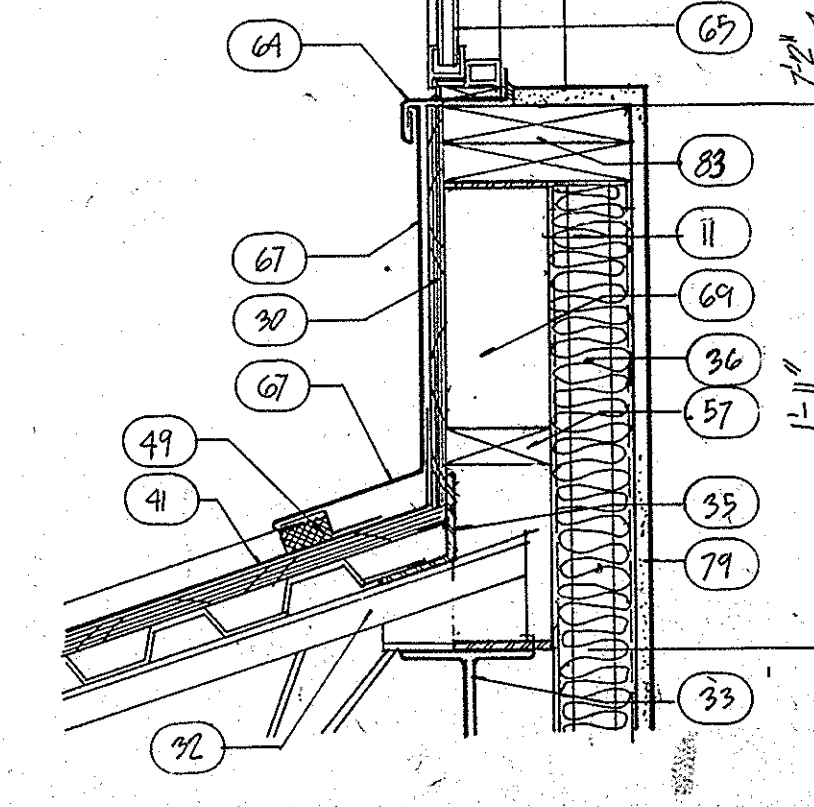
EAVE TRIM @ STUCCO



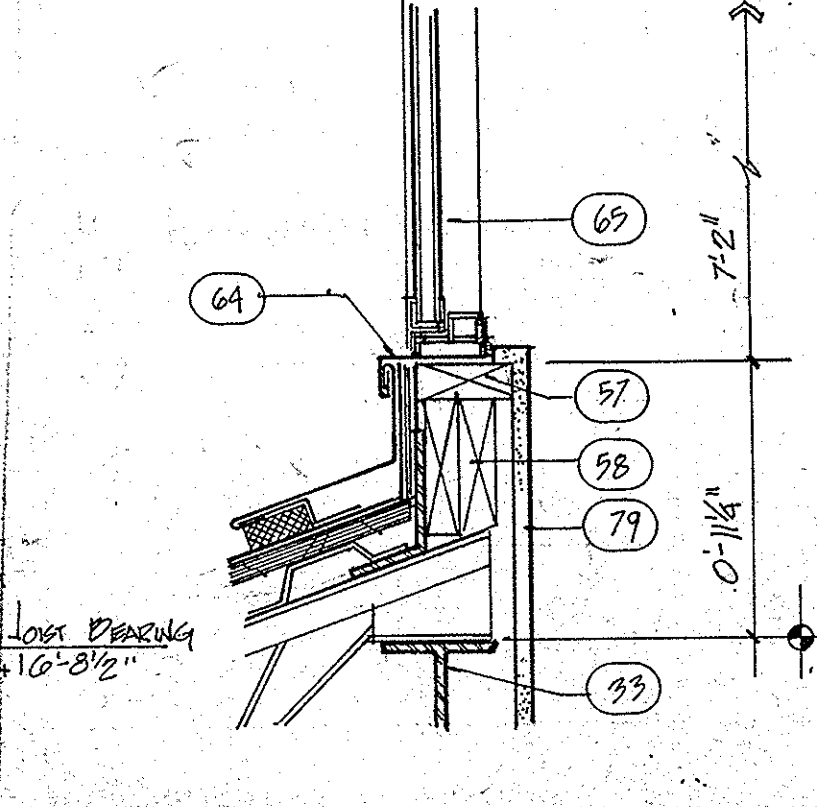
SIDEWALL FLASHING @ STUCCO



SIDEWALL FLASHING @ DORMER



DORMER CURB FLASHING - SOUTH



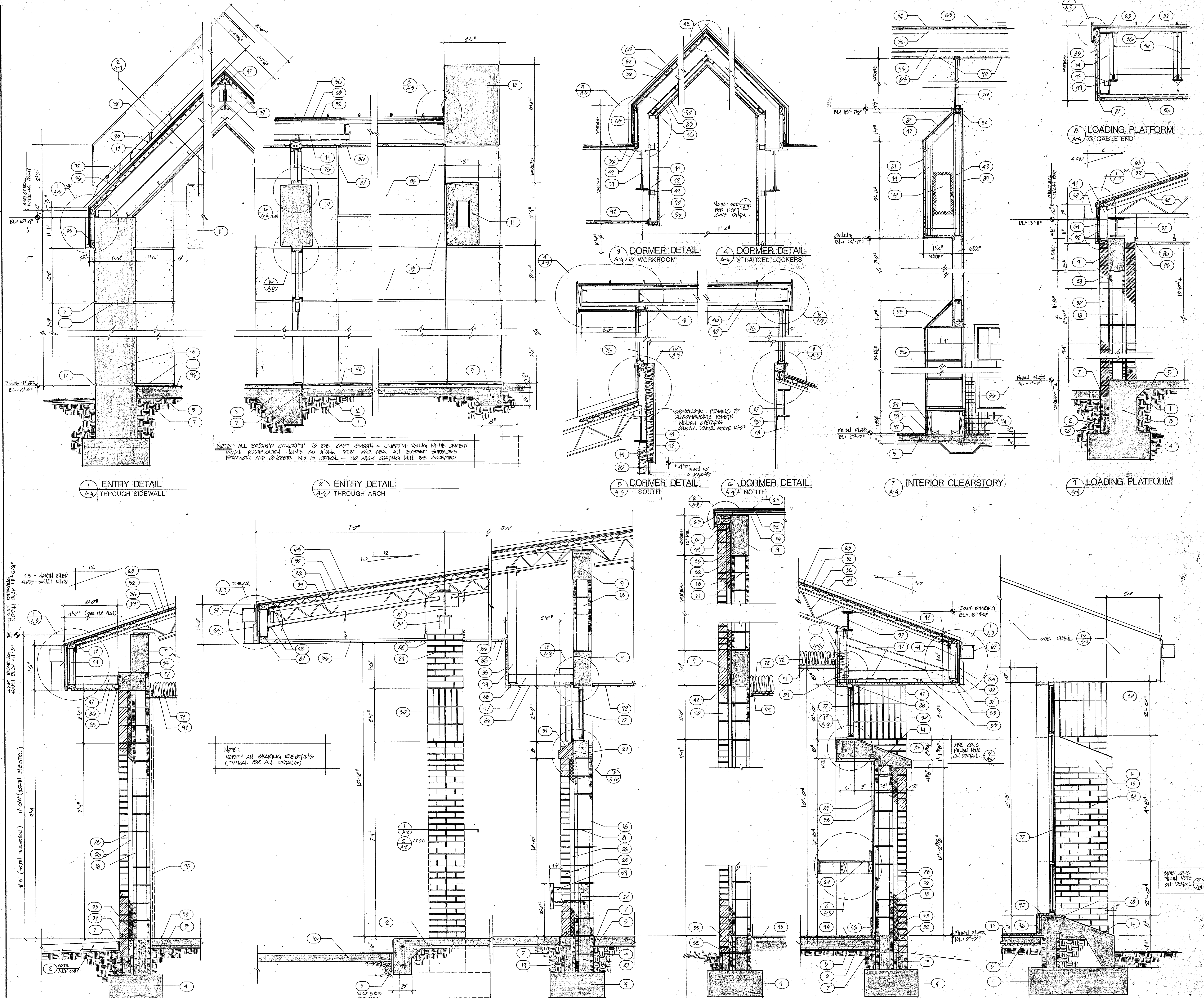
DORMER CURB FLASHING - NORTH

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

REVISION 2 ISSUED	CROSS SECTIONS	ROOF PLAN
REVISION 1 ISSUED	NEW MAIN POST OFFICE	
ISSUED FOR CONSTRUCTION	DAVENPORT	FLORIDA
ISSUED FOR APPROVAL	Lunz and Associates, Inc. ARCHITECTS	
ISSUED FOR REVIEW	A-3	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS	
CHECKED BY	Lunz and Associates, Inc. ARCHITECTS	
DRAWN BY	Lunz and Associates, Inc. ARCHITECTS	



1. Sand fill - clean treated and compacted - see spec sections 202 & 208
2. Reinforced concrete sidewalk.
3. "Monolithic" concrete footing, with 2-#5 rods cont reinf.
4. Concrete footing.
5. 4" Reinforced Concrete slab.
6. Nil polyethylene film vapor barrier.
7. 3" Fiber expansion joint.
8. 12" Concrete Foundation wall.
9. Concrete beam.
10. Exposed reinforced concrete beam.
11. Exposed reinforced concrete beam cast around continuous steel tube.
12. Exposed reinforced concrete column - poured in place.
13. Exposed poured in place concrete wall - see structural drawings and spec section.
14. Exposed reinforced concrete sill, poured in place.
15. Finish sides of concrete sill flush with brick.
16. Asphalt flashing.
17. 1/2" x 3/4" x 3/8" reveal - terminate oak Lites & reveal Lazzopis
18. 8" Concrete masonry.
19. 6" Concrete masonry.
20. 4" Concrete masonry.
21. Truss type horizontal masonry reinforcing @ 16" o.c.
22. See spec section.
23. 45 Vertical reinforcing - grout reinforced cells solid - see plan sheet A1.
24. 8" Concrete "header" block with #5 rod continuous reinforcing @ 16" o.c.
25. Grout solid concrete masonry cavities 2'-0" above finish floor in workroom and exterior wall at carrier platform.
26. 1" Polystyrene insulation panels - see spec section 403.
27. 2" Concrete "header" blk. by 1" #5 rod continuous w/ #2 ties @ 16" o.c.
28. 4" Face brick.
29. Enclose steel column with 4" brick - see details on sheet A-1.
30. 3 High brick soldier coursing.
31. Brick sill - see detail for special shape dimensions.
32. Open brick head joint weeps at 2'-8" o.c.
33. Through wall flashing.
34. 6" Concrete "header" blk. by 1" #5 rod continuous with tie to 8" wall.
35. OTH
36. Structural Metal Deck.
37. Steel Beam.
38. 8" Steel channel framing.
39. Steel bar joist.
40. Steel Truss.
41. 6" steel channel ridge bent.
42. Continuous steel bent plate.
43. Continuous steel angle.
44. 3/4" Metal studs at 16" o.c. with continuous top and bottom track.
45. 6" Metal studs at 16" o.c. with continuous top and bottom track.
46. 3/4" Metal studs at 24" o.c.
47. 3/4" Metal stud bracing at 16" o.c.
48. Metal joist header.
49. Clip angle to structural steel - typical at each stud.
50. Steel tube column.
51. OTH
52. 5/8" CDX Plywood Sheathing.
53. P.T. 2 x 4 wood nailer.
54. P.T. 2 x 6 wood nailer.
55. 3/4" AC plywood dust shelf.
56. See detail sheet A-11 for plywood side and trim details on Postal lockers.
57. Postal locker platform constructed of P.T. 2x10 frame with 2x4 plate and 3/4" CDX plywood top - see details.
58. P.T. 1x2 furring at 16" o.c.
59. R.J. 2x12 bumper secured to 4x4 blocking set with imbedded 1/4"x4" hook anchor bolts - ease all edges of 2x12 paint to match wall.
60. Plastic laminate finished millwork - see detail sheet.
61. P.T. wood blocking.
62. OTH
63. Standing seam metal roof.
64. Standing seam metal fascia.
65. Metal fascia / eave trim - finish to match roof pan.
66. Flush seam metal soffit panel - finish to match roof pan.
67. 6"x6" gutter - finish to match roof pan.
68. Break metal closure cap.
69. Aluminum irrigation pipe downspout with helarc joints at all offsets.
70. OTH
71. OTH
72. 9" (R-30) fiberglass batt insulation with foil back.
73. 6" (R-19) fiberglass batt insulation with paper back and polyethylene vapor barrier.
74. OTH
75. OTH
76. Aluminum clearstory window - caulk perimeter.
77. Aluminum projected window with screen - caulk perimeter.
78. Aluminum sill flashing with continuous cleat - finish to match window.
79. Remote window operator.
80. Surface mounted remote vent operator conduit with surface mounted crank.
81. Concealed remote vent operator conduit with concealed flush mounted crank.
82. OTH
83. 1/2" High Hat Furring Channels
84. 3/4" suspended stucco on metal lath over 3/4" furring channels on 2" hot rolled runner channels.
85. 3/4" stucco on metal lath over 1/2" exterior gypsum sheathing.
86. 3/4" suspended stucco soffit on metal lath over high hat furring channels on metal framing.
87. Fry Rcs 75-75
88. Fry Rcs 75-V-200
89. 5/8" type "X" gypsum sheathing.
90. 5/8" type "X" gypsum sheathing over high hat furring channels at 16" o.c. on metal framing.
91. Suspended 5/8" type "X" gypsum sheathing over 3/4" furring channels on 2" runner channels.
92. Acoustical ceiling tile in suspended grid.
93. See finish schedule for applicable floor finish.
94. Mud set quarry tile floor - recess slab 1/2".
95. Tile sill - finish to match floor tile.
96. 8" tile base - finish to match floor tile.
97. Asphalt plank flooring - provide 1" recess to receive floor.
98. 5/8" gypsum drywall over 1x2 P.T. furring at lobby.
99. 4" vinyl base.
100. HVAC duct - see mechanical drawings - detail (2) A-1



NOTE: ALL EXPOSED CONCRETE TO BE CAST SMOOTH & UNIFORM USING WHITE CEMENT PORTLAND CEMENTATION UNITS AS SHOWN - RUP AND SEAL ALL EXPOSED SURFACES. FORMWORK AND CONCRETE MIX IS CRITICAL - NO SKIN COATING WILL BE ACCEPTED.

NOTE: SEE TOP WORK COVE DETAIL

COORDINATE FRAMING TO ACCOMMODATE REMOTE WINDOW OPERATOR CONDUIT ABOVE 14'-0"

NOTE: VERIFY ALL FINISH ELEVATIONS (TYPICAL FOR ALL DETAILS)

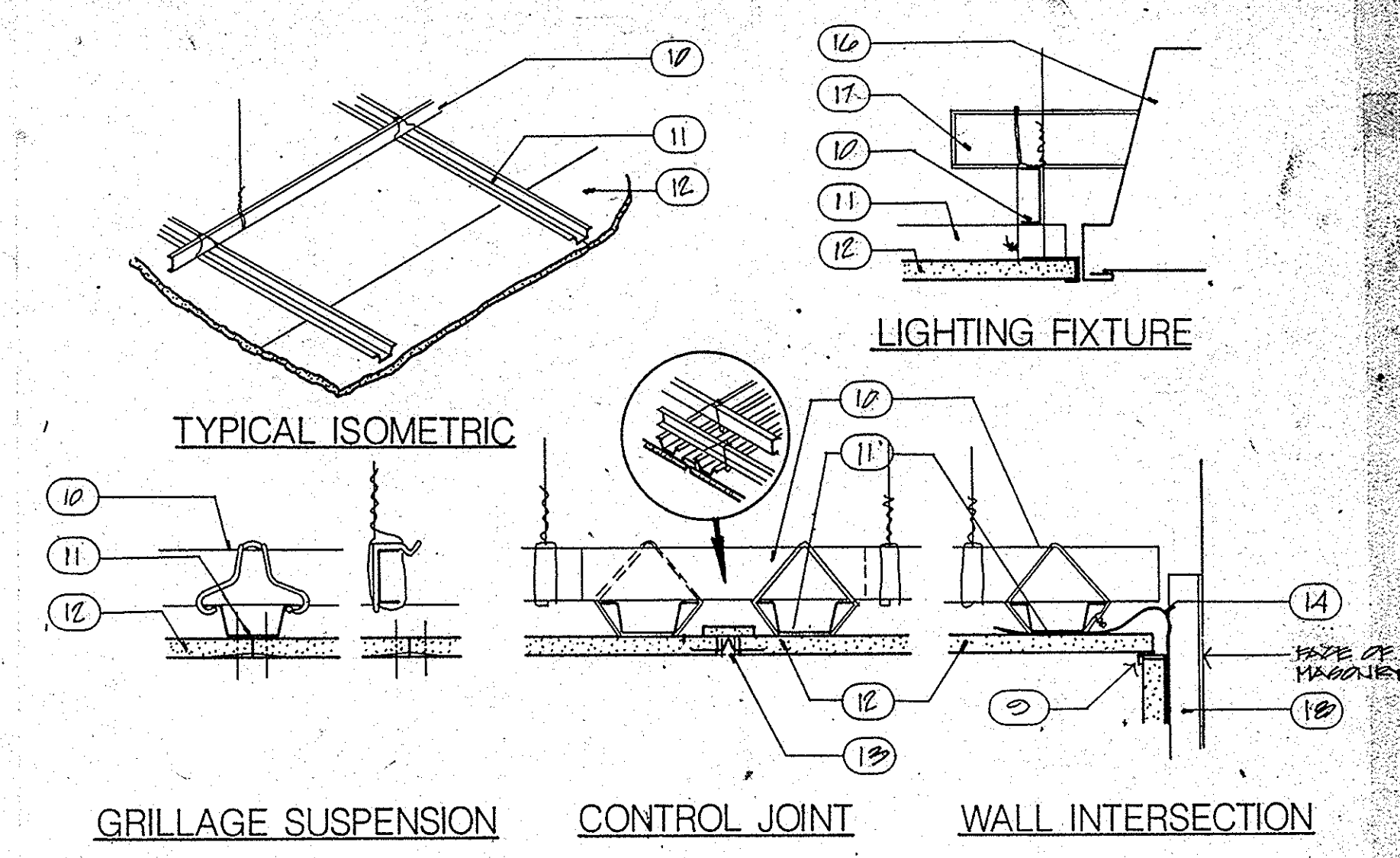
SEE CALC FINISH NOTE ON DETAIL (2) A-1

SEE CALC FINISH NOTE ON DETAIL (2) A-1

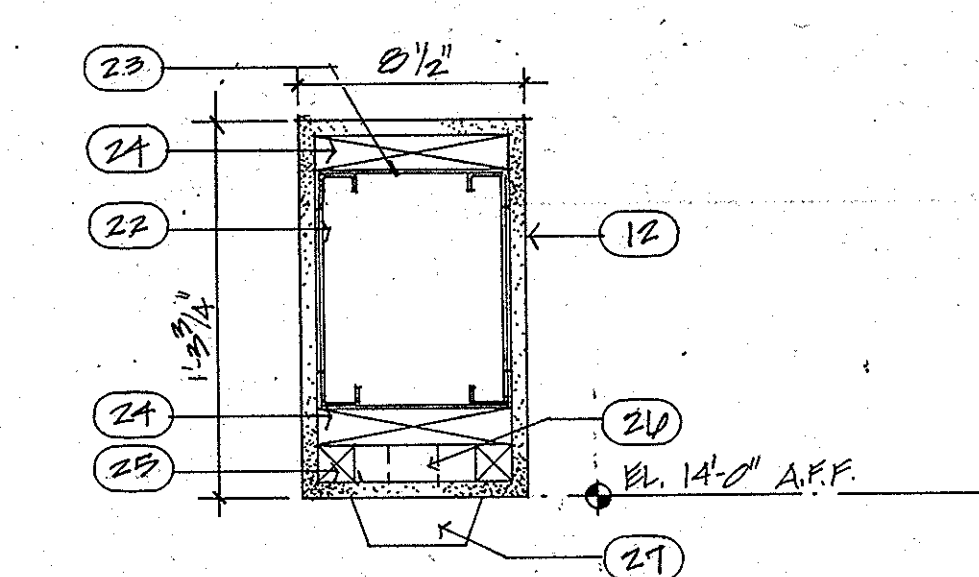
<p><b>UNITED STATES POSTAL SERVICE</b>          FACILITIES SERVICE OFFICE          5511 EXECUTIVE DRIVE, SUITE 133          TAMPA, FLORIDA 33609-1020</p>	
REVISION 2 ISSUED ISSUED FOR CONSTRUCTION ISSUED FOR APPROVAL ISSUED FOR REVIEW APPROVED BY CHECKED BY DRAWN BY	<p><b>WALL SECTIONS</b></p> <p><b>NEW MAIN POST OFFICE</b></p> <p><b>DAVENPORT FLORIDA</b></p> <p><b>Lunz and Associates, Inc.</b>          ARCHITECTS</p> <p>44 CAKE MORTON DRIVE          LAKELAND, FLORIDA 33801 (813) 882-1882</p>
A-4	8721



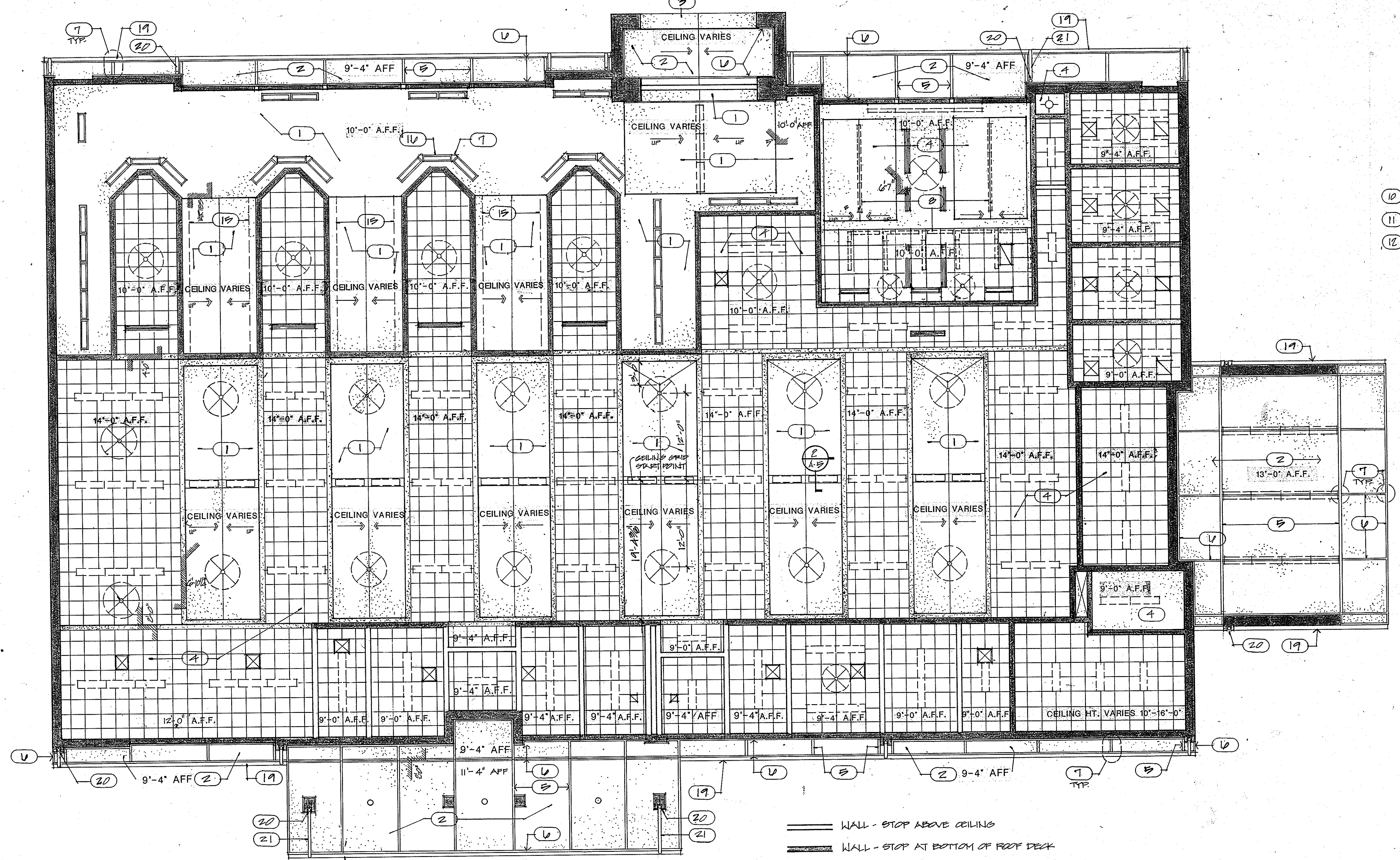
1. Suspended Drywall Ceiling
2. Suspended Plaster Ceiling
3. Exposed Concrete
4. 2x2 Acoustical ceiling tile with suspended grid.
5. Fry PRM-75-4000 cont. vent screed.
6. Fry PRM-75-75.
7. Factory Constructed Intersection.
8. Suspended light fixtures - see electrical drawings.
9. mulling and caulk joint.
10. 1 1/2" channel 48"o.c. with hanger wire at 48"o.c. max.
11. Metal furring channel @ 24"o.c. with furring channel clip at each 1/2" channel.
12. 5/8" gypsum board.
13. Control joint set in finishing compound.
14. Flexible dust membrane
15. Light cove - see detail 11/A-9.
16. Recessed light fixture.
17. Reinforcing channel.
18. P.T. 1x2 Furring.
19. 6"x7" Gutter.
20. 6" Downspout.
21. 6"x6" Horizontal downspout - mount bottom flush with soffit - see details on sheet A-3.
22. 10" Light gauge metal joist.
23. 8" Runner top and bottom.
24. 2x8 Wood nailer.
25. Continuous 2x2 nailer.
26. Recessed electrical box.
27. Surface mounted light fixture.
28. Omit
29. Omit
30. Plastic Laminate top, black splash and edges. Color MR. 11T textured mauve matrix.
31. 6" Radius at corners.
32. Plastic laminate top and edges. Color Mauve Matrix M.R. 11T textured.
33. Plastic laminate finished end panels. Width to be equal to counter top. Color to be Plum Brown S-2 51T textured.
34. Plastic laminate finished panel. Color Rose Brown S-2 51T textured.
35. Pre-manufactured counter station assembly to be furnished and installed by the general contractor. See division 6 of the specifications.
36. Quarry tile base.
37. Black anodized aluminum frame. 2" x 4 1/2"
38. Tinted grey temper ed glass. 4"
39. Plastic laminated finished accent bands. Color plum brown S-2 51T textured.
40. Plastic laminate finished counter front. Color Rose Brown S-2 51T textured.
41. Intermediate support. 2x4 @ 16" o.c. w/ 3/4" plywood top. See electrical drawings.
42. 1" scribe space.
43. Unfinished 3/4" plywood shelving with plastic "T" edging.
44. Unfinished 2x2 wood vertical at a maximum of 4'-0" o.c.
45. 12" deep wall cabinets Rose Bisque S-2 51T w/adj. shelves.
46. Plastic laminate counter top-back splash S-2 51T.
47. 24" deep base cabinets Rose Bisque S-2 51T w/adj. shelves.
48. Sink, see plumbing drawings.
49. 2x2 wood cleat.
50. 3/4" plywood.
51. 2 - 2x6 supports anchor to wing walls.
52. Support panels are to be constructed of 3/4" plywood on 2x2 wood frame.
53. 1/2" plywood.
54. 2x4 wood framing 16" o.c.
55. 1/2" plywood panel with plastic laminate finish. Color Rose Brown S-2 51T textured.
56. Front Panel Laminate S-2 51T Textured. Rose Brown.
57. Countertop Laminate color shall be Mauve Matrix M.R. 11T textured.
58. Oak top rail.
59. 1 1/2" x 3 1/2" steel tube continuous in top rail. Weld to vertical tubes.
60. 1 1/2" x 3 1/2" vertical steel tubes set 4" into floor slab.
61. Clear Oak.
62. Open below glass panel



1 DRYWALL CEILING DETAILS  
NO. SCALE



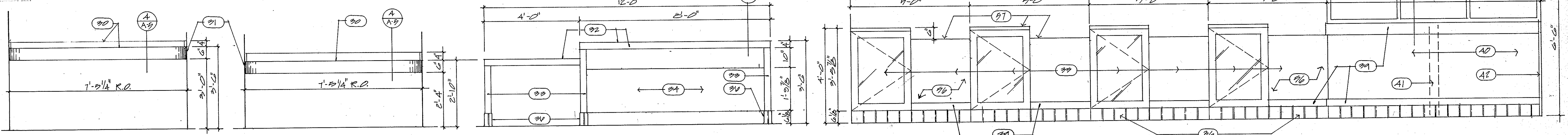
2 LIGHT FIXTURE SUPPORT BEAM  
SCALE: 1/2" = 1'-0"



SYMBOL LEGEND

- RECESSED DOWN LIGHT
- SURFACE OR PENDENT MOUNTED FLOURESCENT
- RECESSED FLOURESCENT FIXTURE
- WALL - STOP ABOVE CEILING
- WALL - STOP AT BOTTOM OF ROOF DECK
- SUSPENDED HEADER W/ DRYWALL FINISH
- ⊗ H.V.A.C. SUPPLY AIR GRILLE
- ⊗ H.V.A.C. RETURN OR EXHAUST GRILLE
- H.V.A.C. LINEAR DIFFUSER
- ⊗ CEILING FAN
- DRYWALL OR SUSPENDED PLASTER
- 2'X2' LAY-IN GRID CEILING

REFLECTED CEILING PLAN  
SCALE 1/8" = 1'-0"



M-1 LOBBY COUNTER  
SCALE: 1/2" = 1'-0"

M-2 LOBBY COUNTER  
SCALE: 1/2" = 1'-0"

M-3 SERVICE LOBBY COUNTER  
SCALE: 1/2" = 1'-0"

M-4 ELEVATION @ SERVICE COUNTER  
SCALE: 1/2" = 1'-0"

M-5 STAMPED ENVELOPE  
SCALE: 1/4" = 1'-0"

C POST DETAIL  
SCALE: 1" = 1'-0"

M-6 JANITORS CLOSET  
SCALE: 1/4" = 1'-0"

M-7 LOUNGE  
SCALE: 1/4" = 1'-0"

3 TYPICAL SHELVING DETAIL  
SCALE: 1" = 1'-0"

4 LOBBY COUNTER  
SCALE: 1" = 1'-0"

5 SERVICE LOBBY COUNTER  
SCALE: 1" = 1'-0"

6 SERVICE COUNTER  
SCALE: 1" = 1'-0"

1 RAIL DETAIL  
SCALE: 1" = 1'-0"

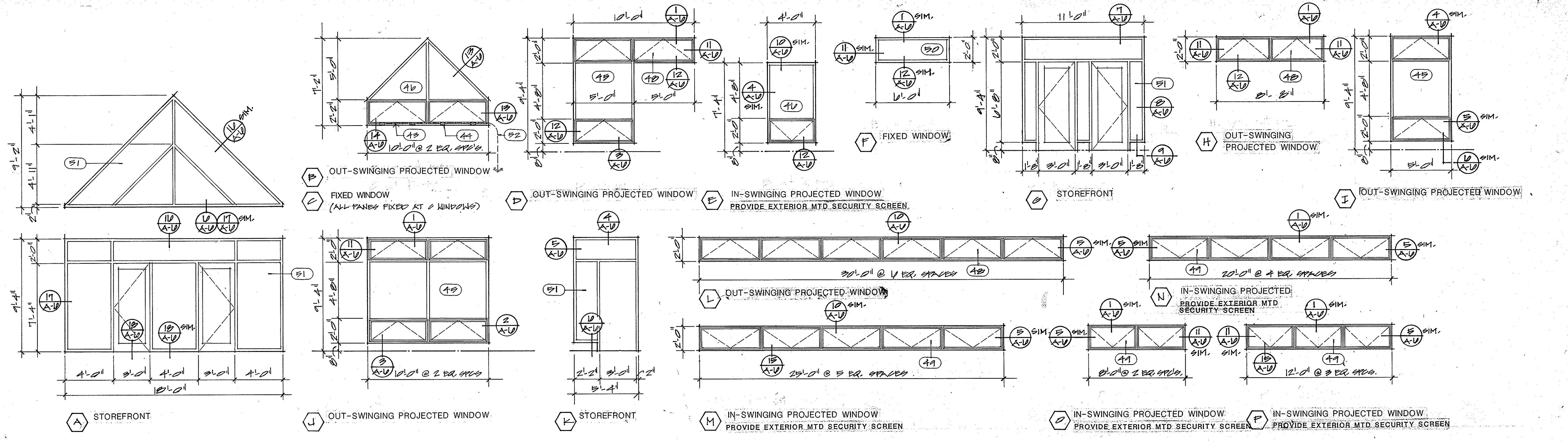
M-8 CUSTOMER RAIL  
SCALE: 1/4" = 1'-0"

UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

REVISION 2 ISSUED	REFLECTED CEILING PLAN
REVISION 1 ISSUES	NEW MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	DAVENPORT FLORIDA
ISSUED FOR APPROVAL	
APPROVED BY	Lunz and Associates, Inc. ARCHITECTS
CHECKED BY	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1082
DRAWN BY	8721

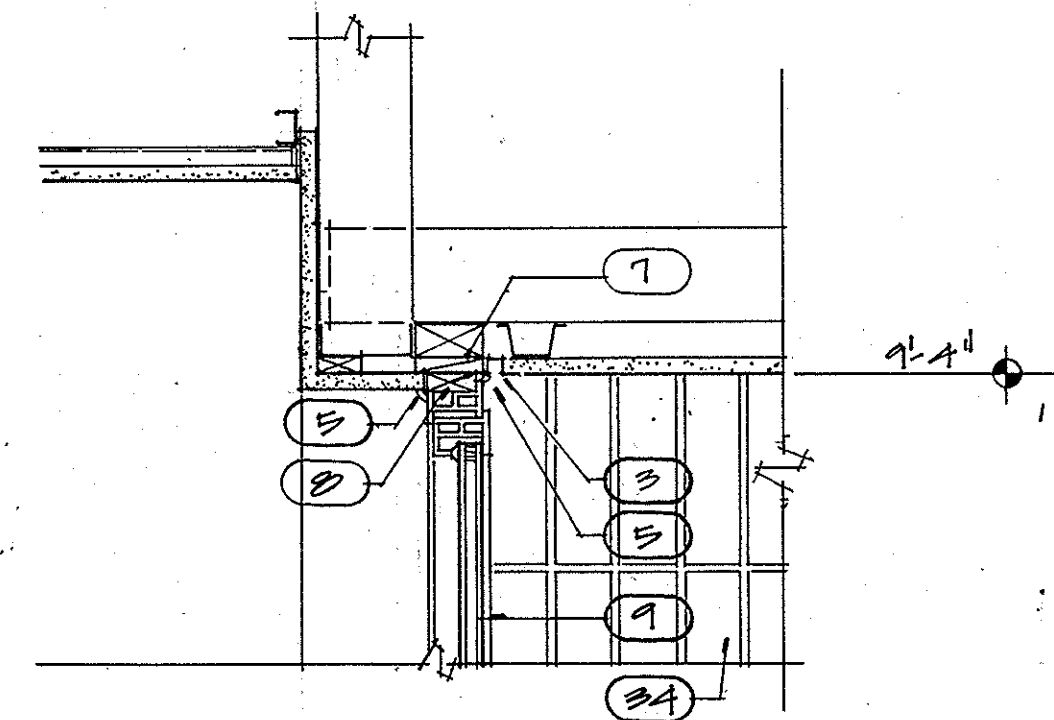


1. Concrete beam - see structural drawings.
2. Frame anchor, see spec section 832.
3. FRY PRM -75-V-75 vented plaster reveal continous at windows - see reflected ceiling plan.
4. P.T. 1x4 wood nailer.
5. Sealant, see Spec. Sec. 709.
6. .032 breakmetal - match window finish.
7. P.T. wood nailer and shim space.
8. P.T. wood buck as required.
9. Aluminum window.
10. 5/8" gypsum drywall over suspended 3/4" hat channels at 16" channel framing. See spec. sec. 832.
11. 5/8" gypsum drywall over 3/4" furring.
12. Exposed reinforced concrete sill poured in place.
13. Brick veneer.
14. 8" concrete masonry units with horizontal masonry reinf. at 16" o.c.
15. # 5 vertical reinf. grout reinforced cells solid.
16. Wire ties at 16" o.c. vertical.
17. 2" insulation board - see Spec. Sec. 403.
18. Sill pan flashing with continuous cleat, typical under all windows.
19. Brick sill - see detail sheet A-5 for special shape dimensions.
20. Parge with mortar.
21. Concrete masonry header block - grout solid.
22. Tile bullnose sill, see spec. sec. 925.
23. Tile base 8" high.
24. Tile set in full mud bed - see Spec. Sec. 925.
25. 4" reinforced concrete slab over vapor barrier.
26. 1/2" fiber expansion joint.
27. 5" concrete masonry units - grout solid.
28. 2"x4" storefront frame - see spec sec. 832.
29. 6" metal stud framing @ 16" o.c. with continuous top and bottom runner. See spec. sec. 832.
30. Storefront door, see spec. sec. 832.
31. Storefront threshold, see spec. sec. 832.
32. Head flashing.
33. Vertical joint weeps at 2'-8" o.c.
34. Brick soldier course trim with 3/8" square struck vertical joints and concave horizontal joints.
35. 7"H x 5 1/2" x 5/16" Galv. bent plate lintel.
36. Cavity cap.
37. 3 1/2" metal stud framing at 16" o.c.
38. 4" x 4" steel tube stub column, see structural.
39. Structural metal deck.
40. 5/8" plywood sheathing.
41. Standing seam metal roof - Spec. Sec. 731.
42. 2x4 T. nailer.
43. 3/8" C.D. conduit with "P" clips on support brackets at 29" o.c. max.
44. Remote vent operator - 2 PRR vent, see Spec. Sec. 1025.
45. Aluminum window with out-swinging projected vent at top and bottom with fixed frame at center.
46. Aluminum window with fixed frame at top and out-swinging projected vent below.
47. Aluminum window with fixed frame at top and in-swinging projected vent below.
48. Aluminum out swinging projected window.
49. Aluminum in swinging projected window.
50. Aluminum window with fixed frame.
51. Aluminum storefront system - see spec. section 832.
52. Concealed conduit to recessed crank unit. Center-line of crank to be 3'-8" A.F.F.

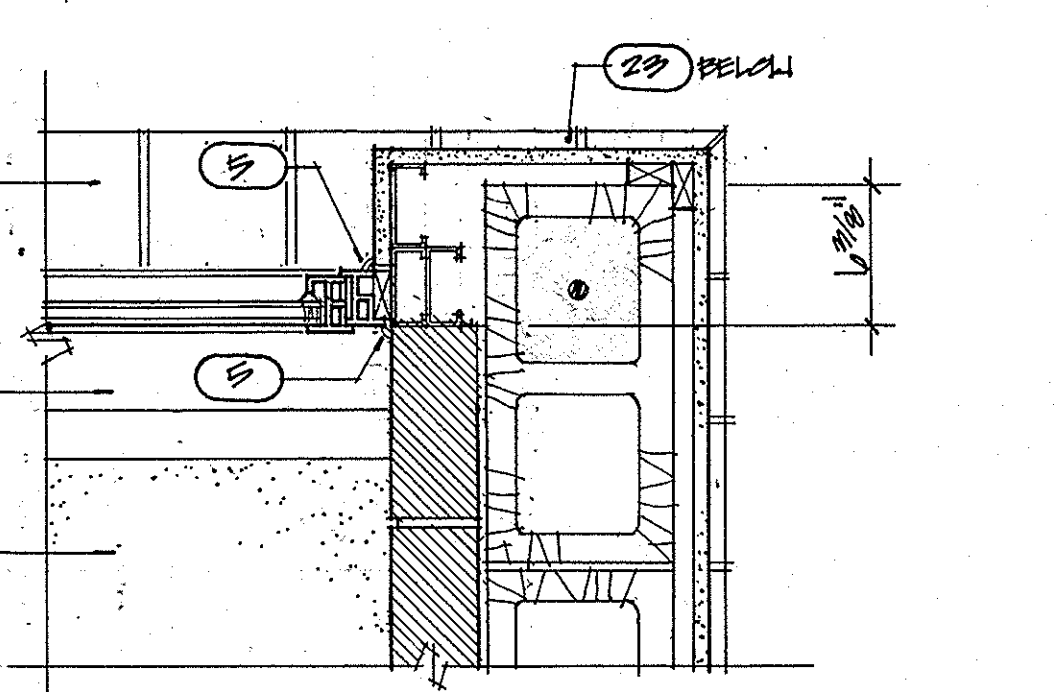


ALUMINUM STOREFRONT & WINDOW TYPES

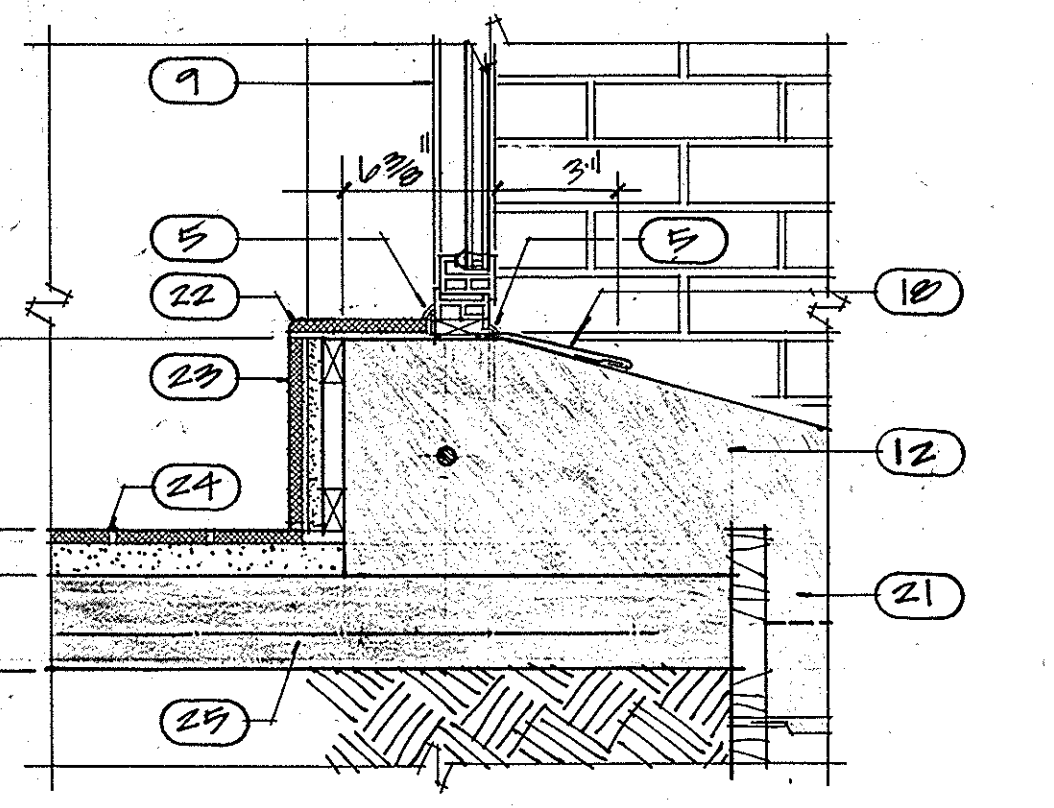
SCALE: 1/4" = 1'-0"



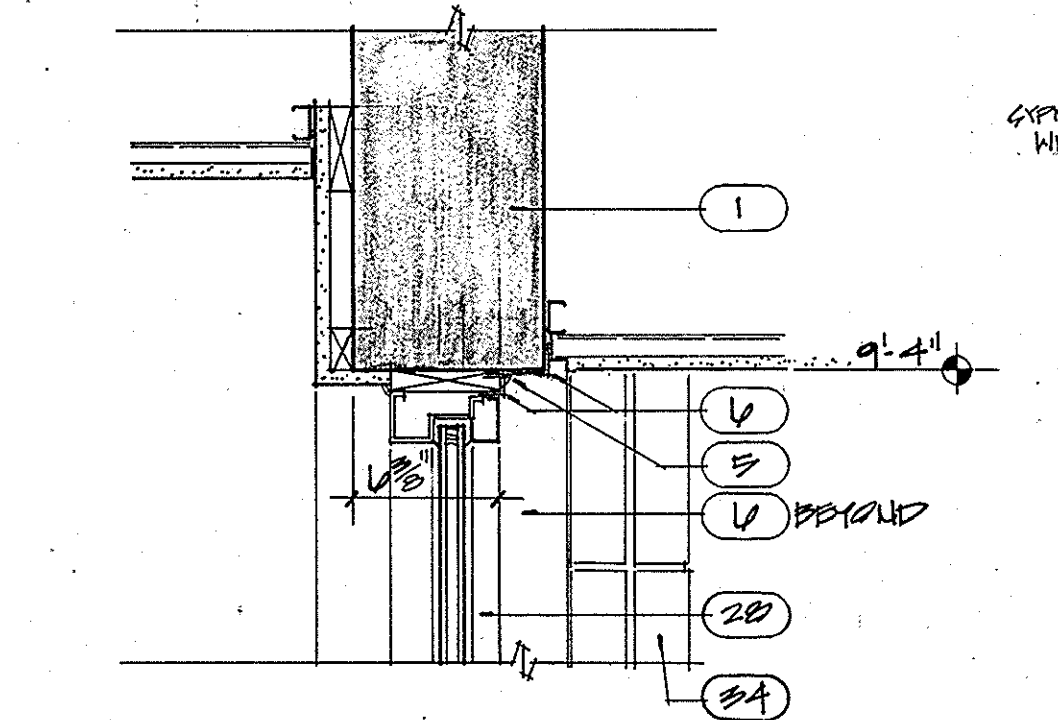
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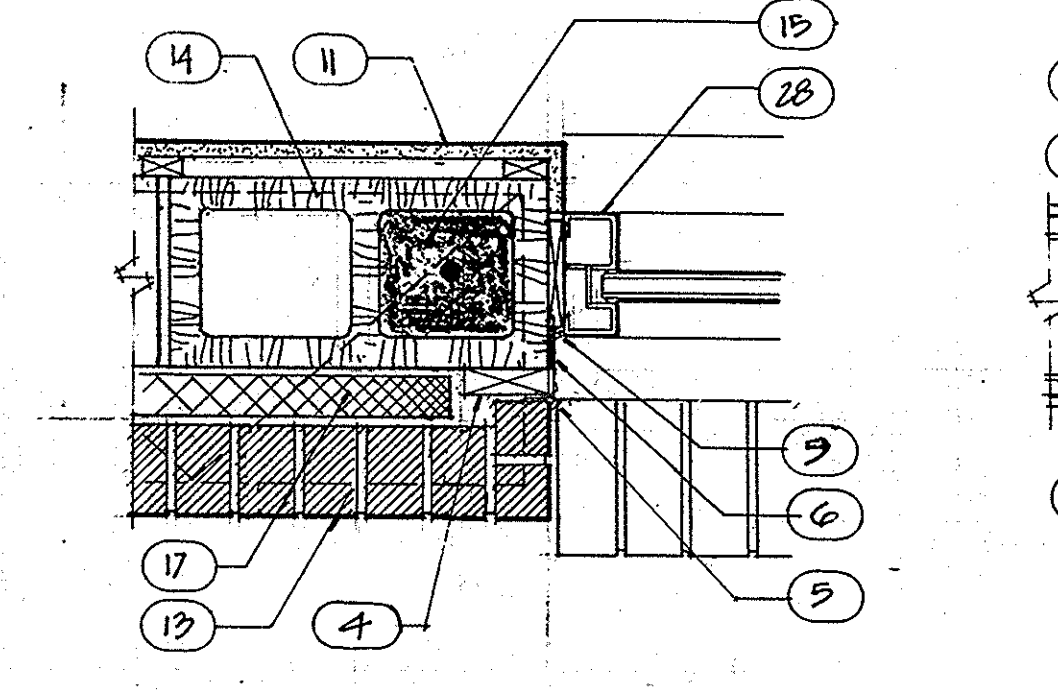
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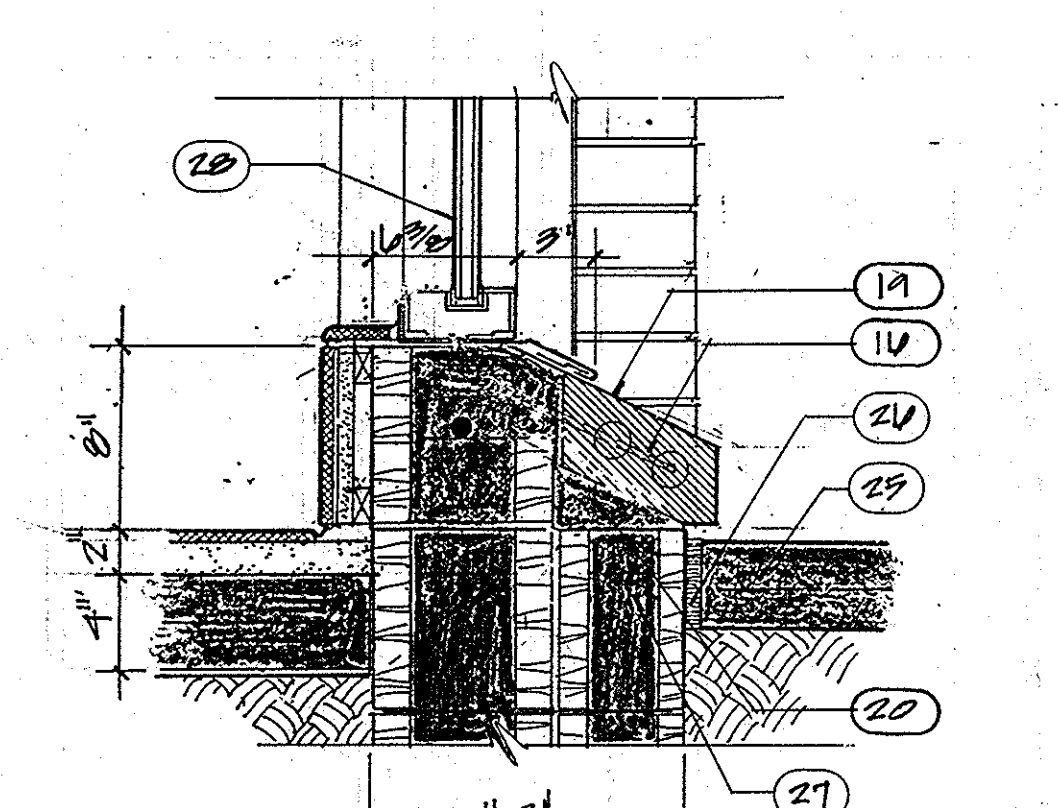
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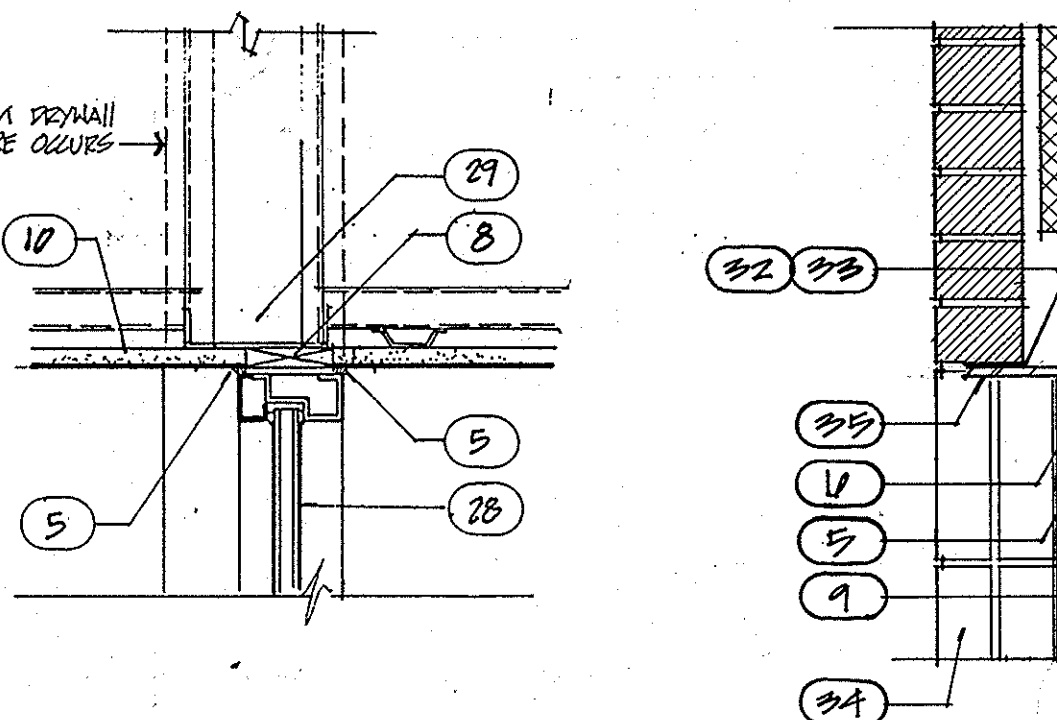
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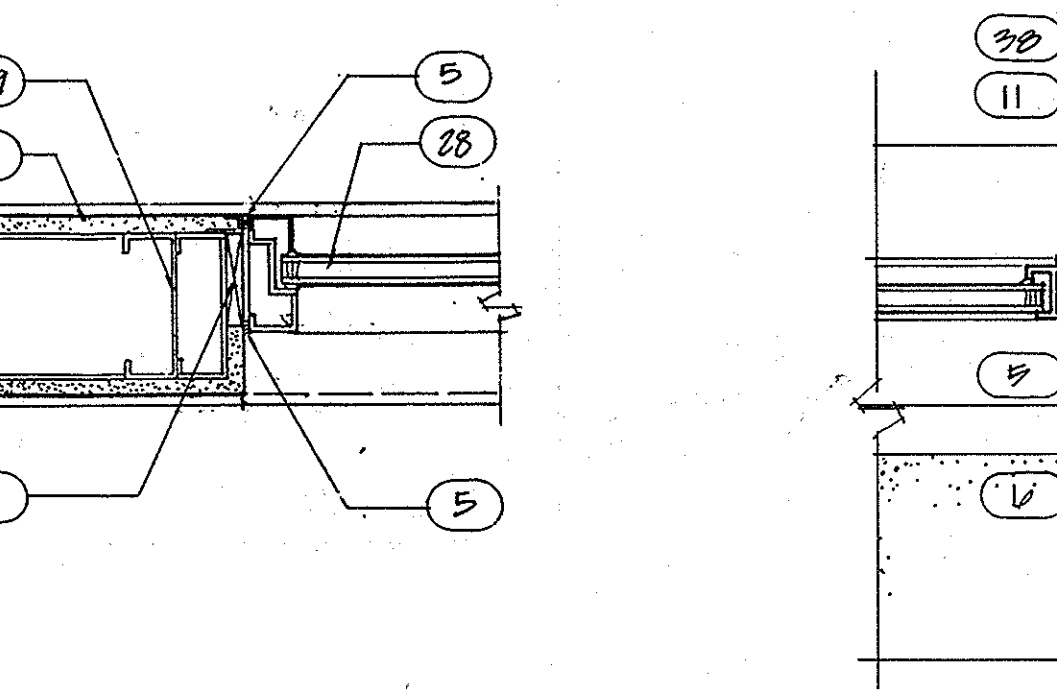
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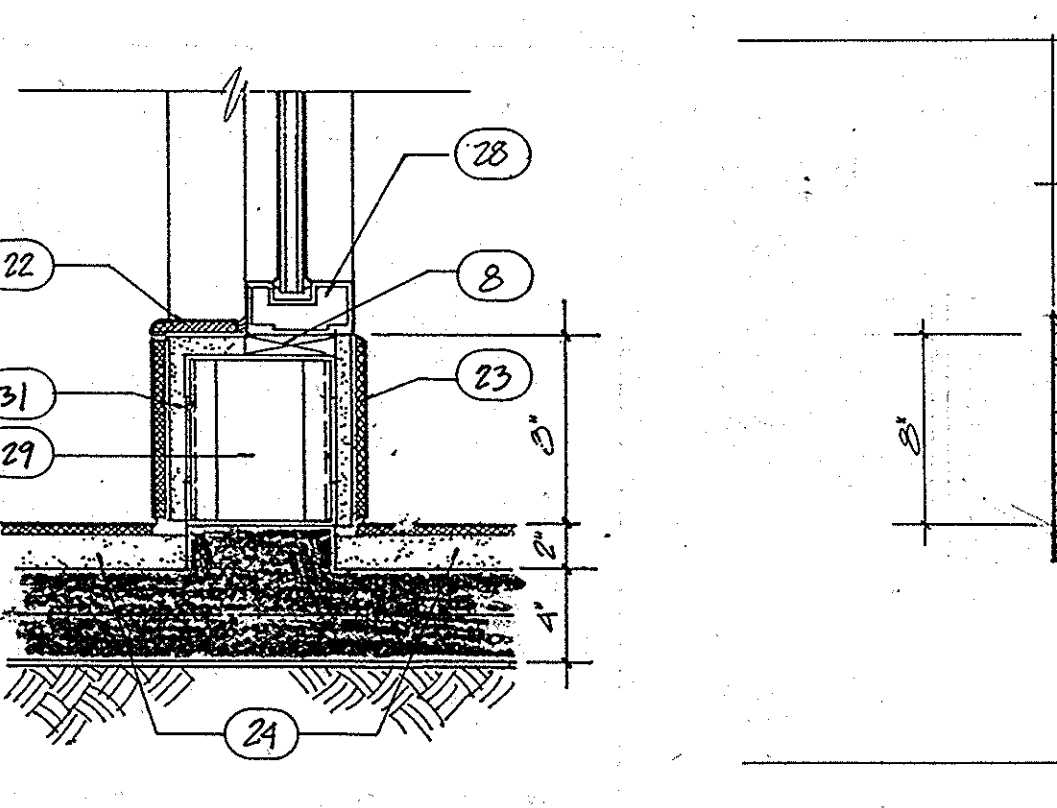
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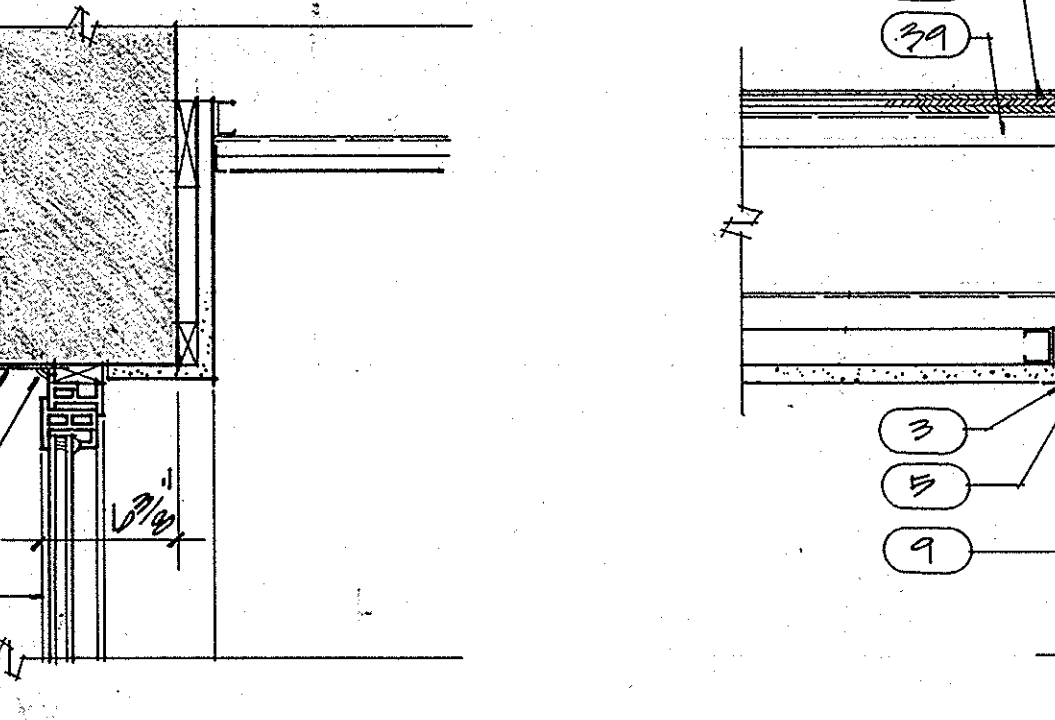
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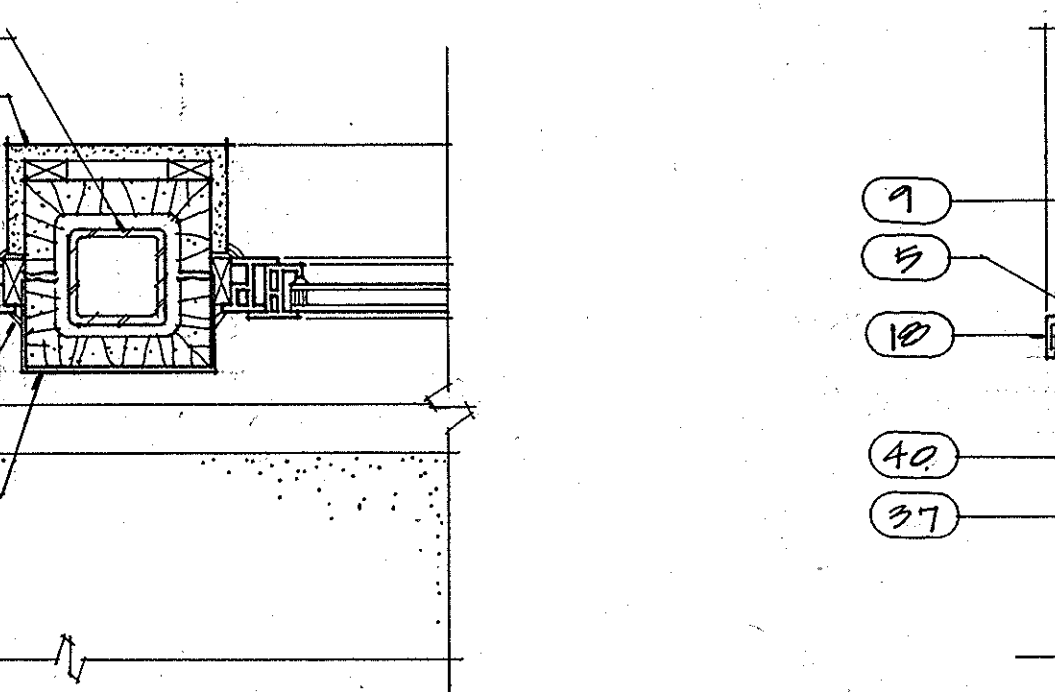
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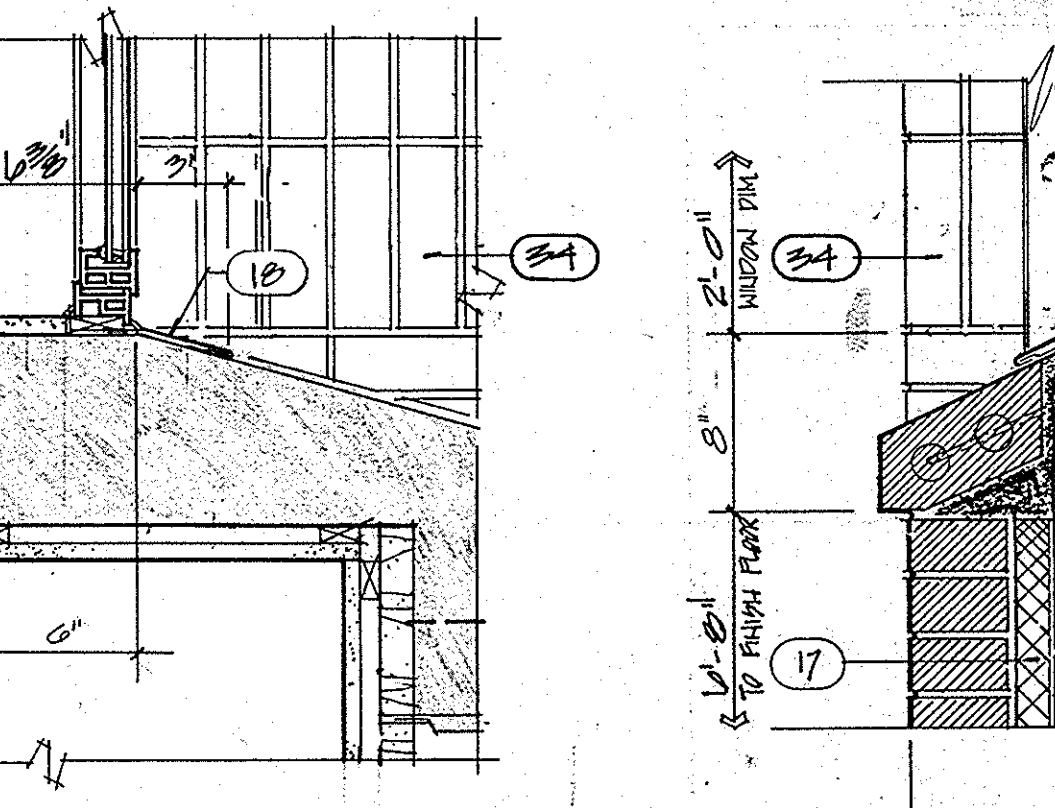
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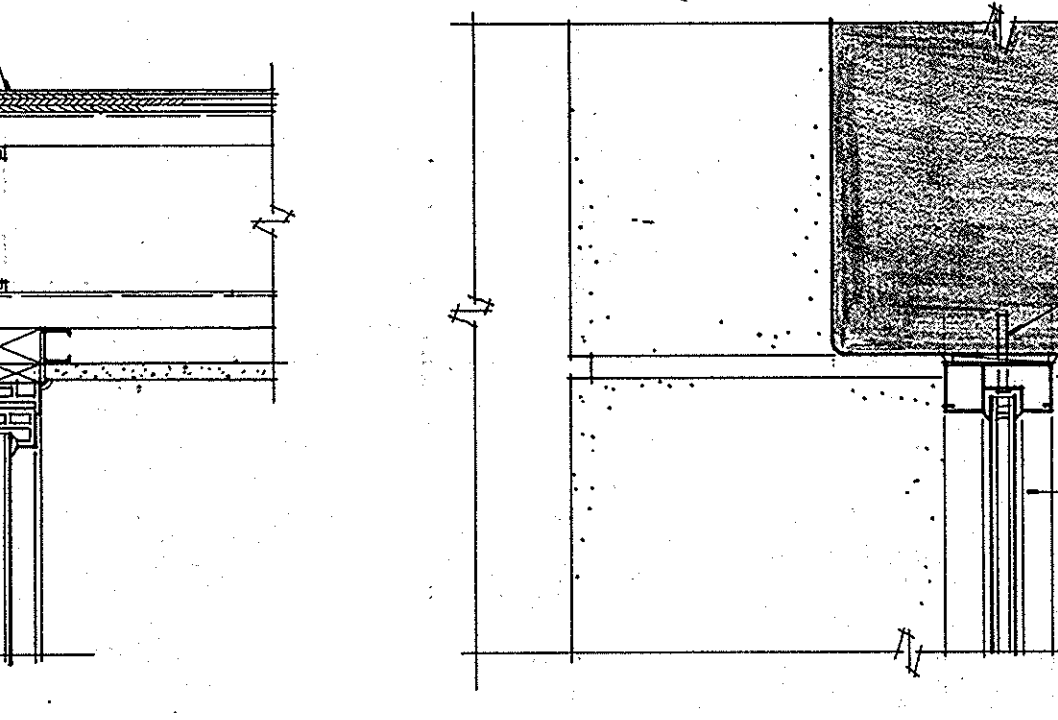
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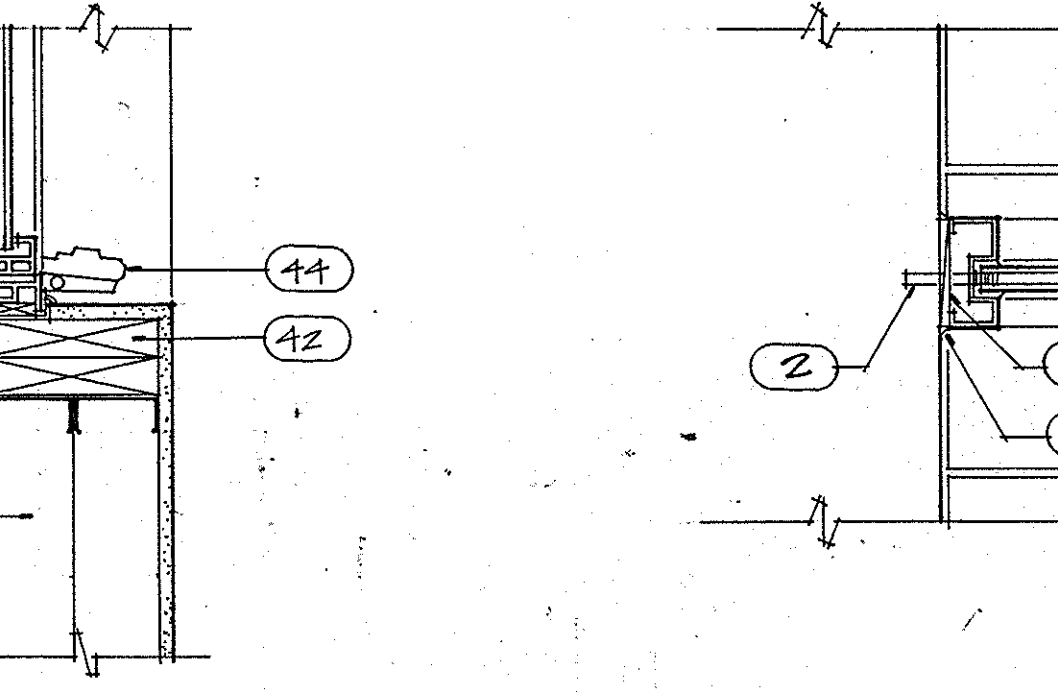
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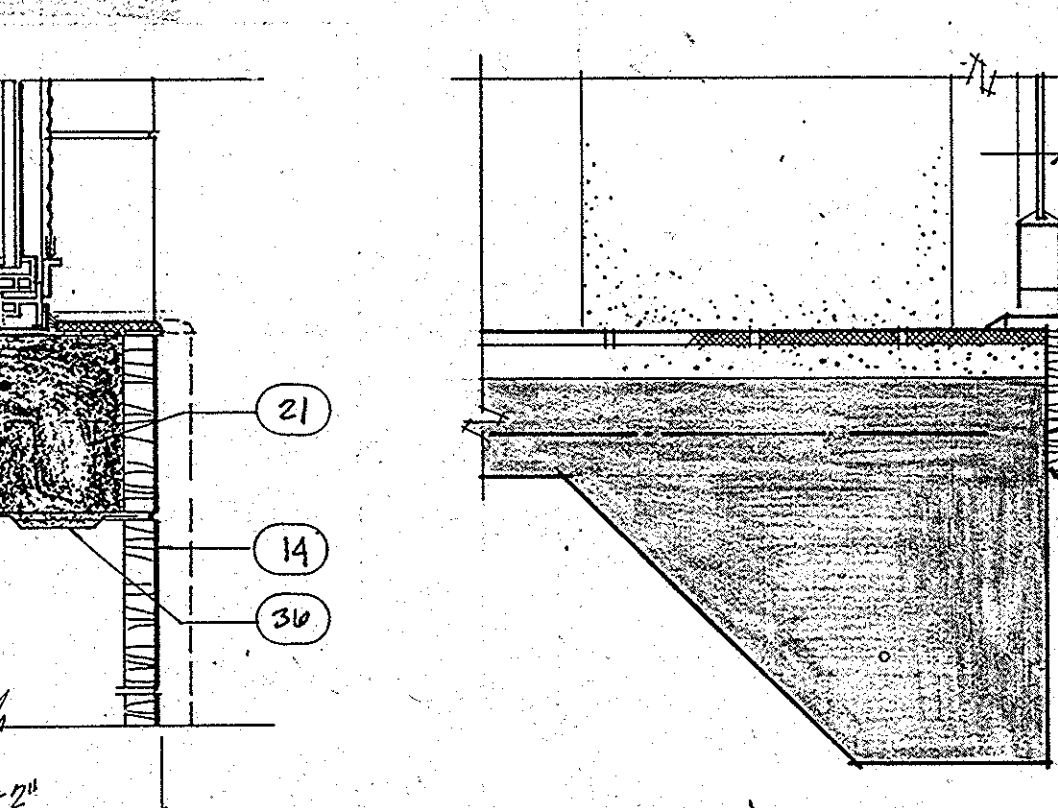
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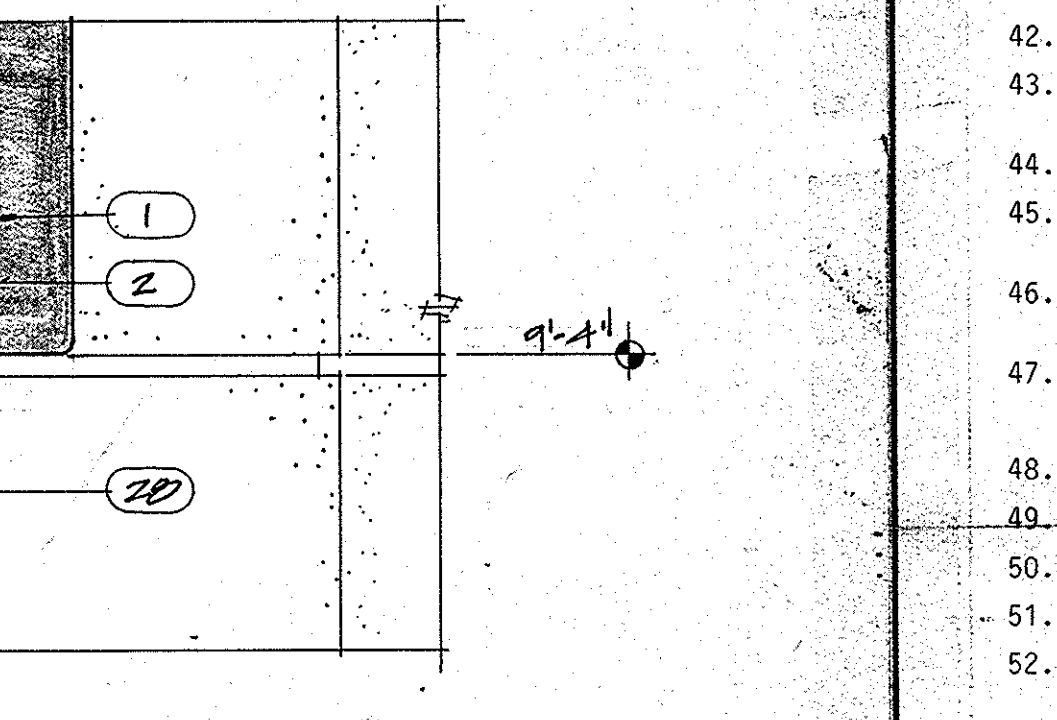
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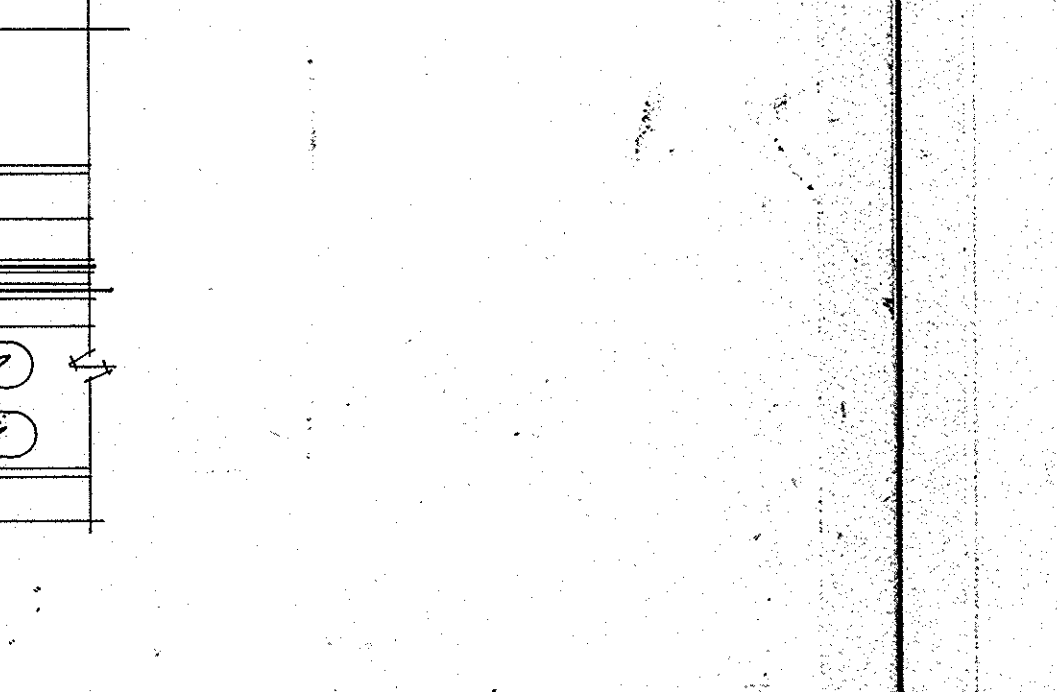
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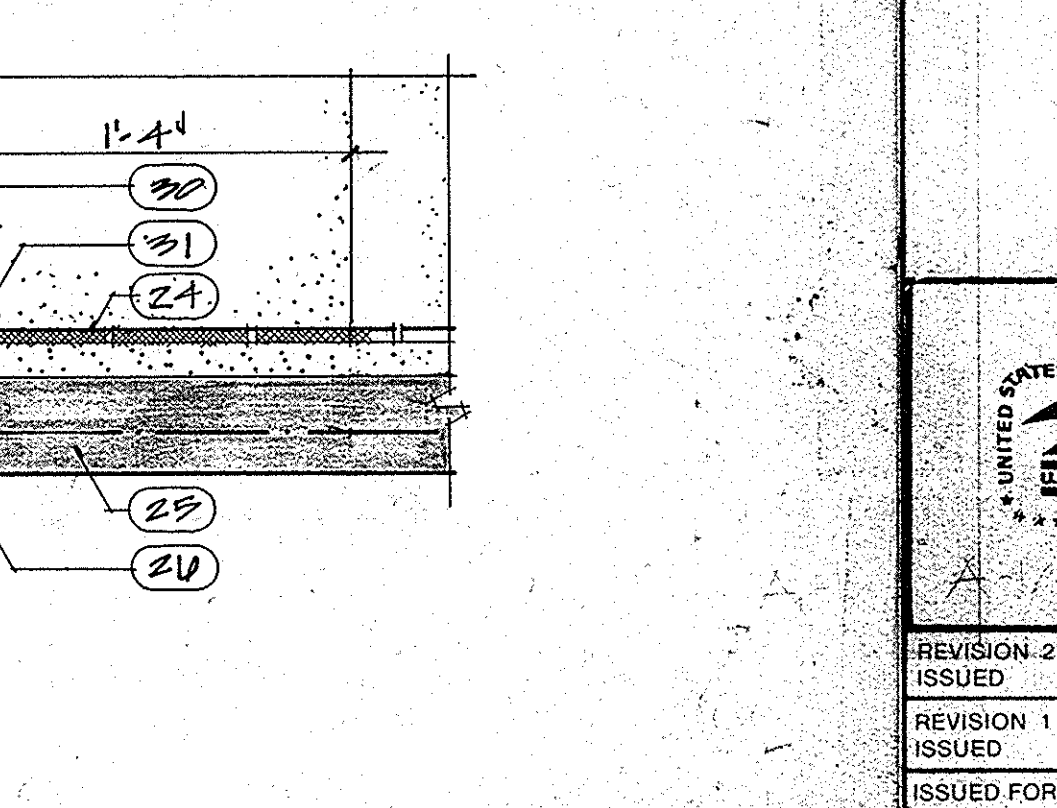
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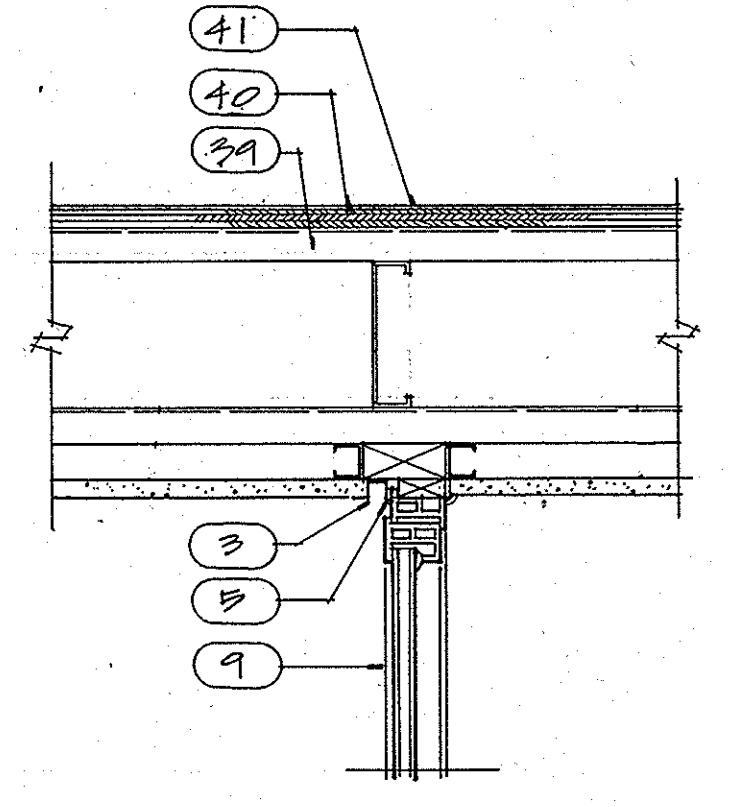
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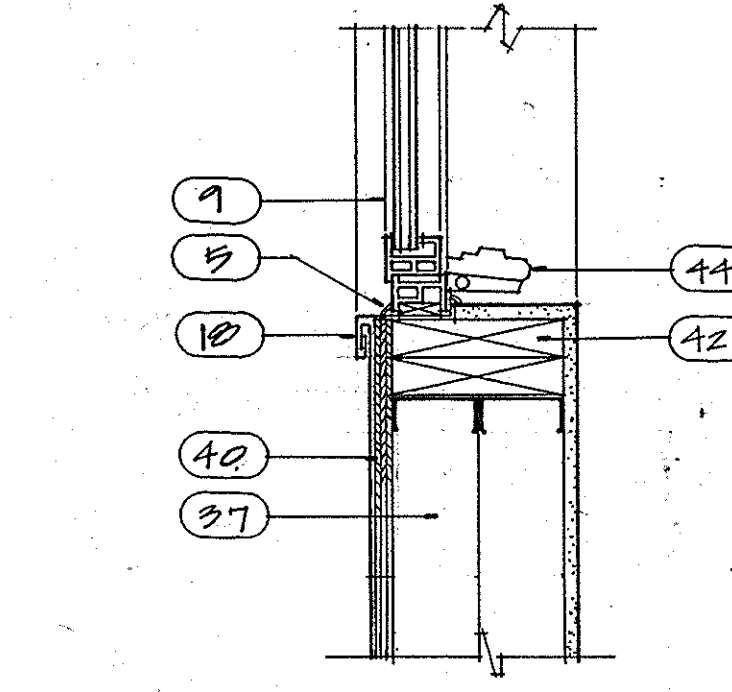
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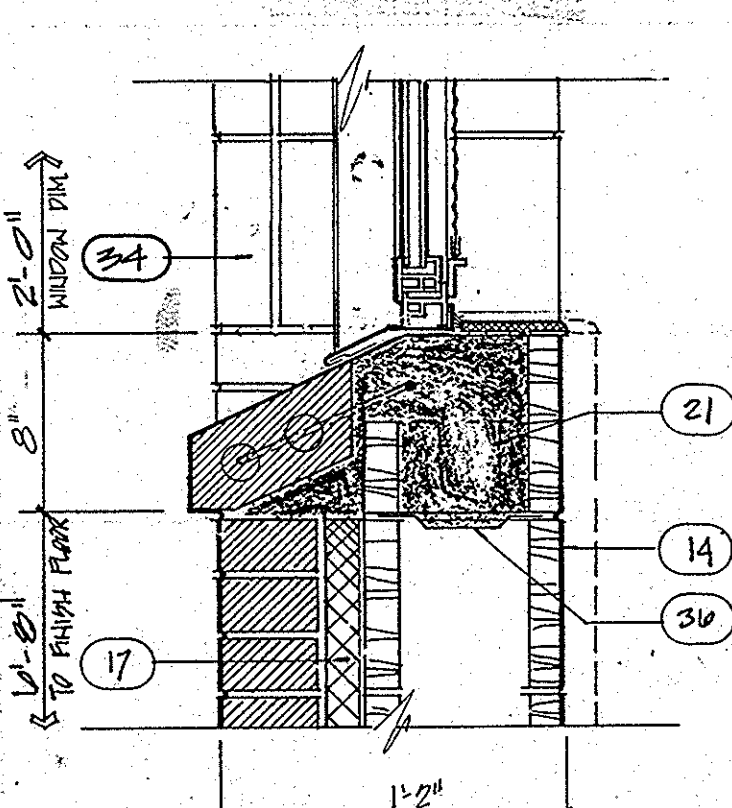
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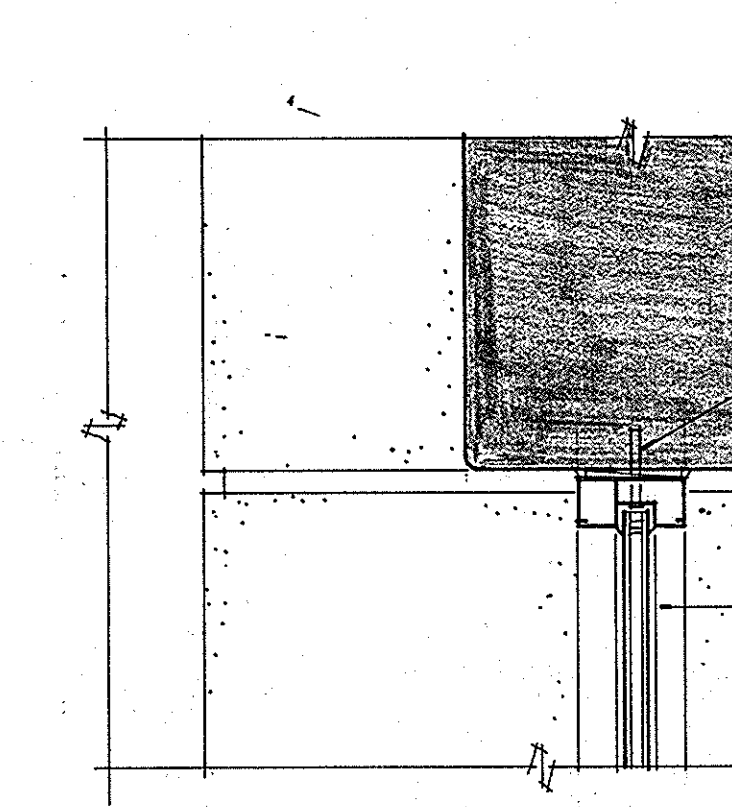
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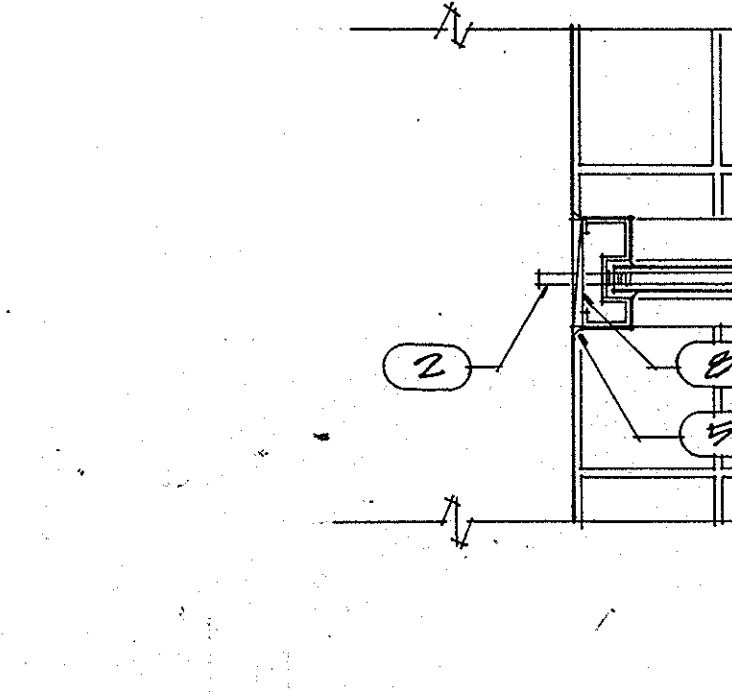
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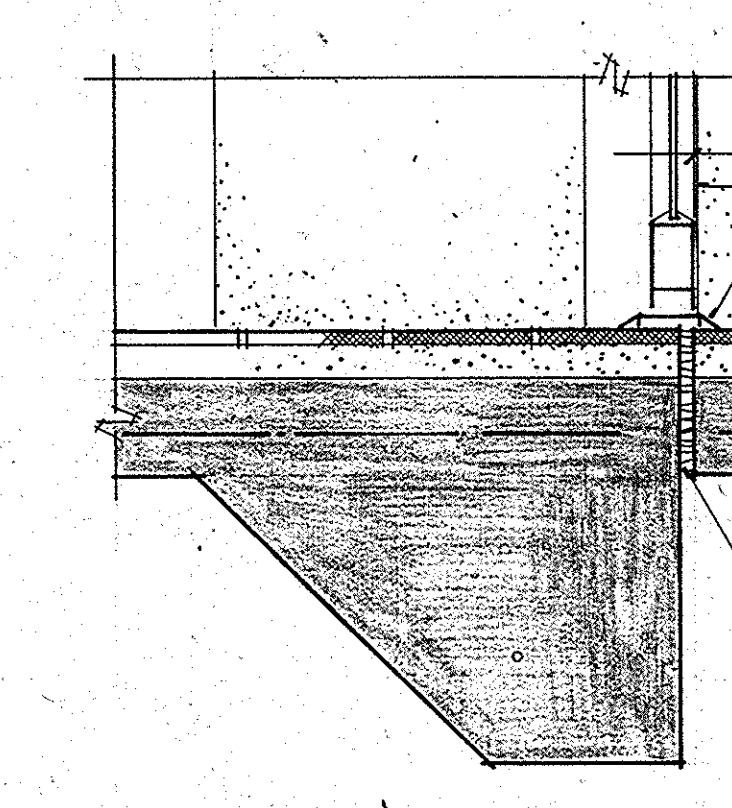
21 SILL



22 HEAD



23 JAMB



24 SILL

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

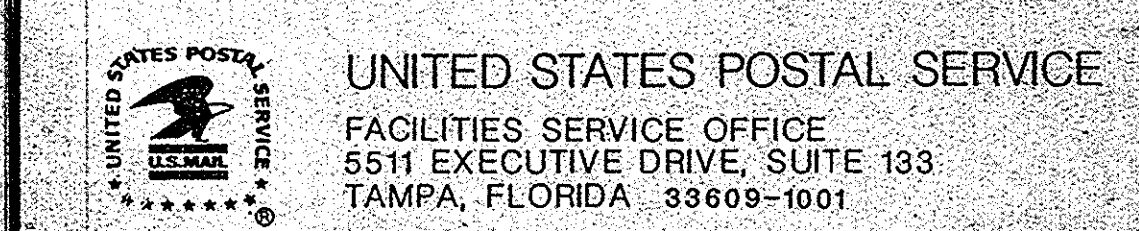
EXTERIOR STOREFRONT DETAIL SCALE: 1/2" = 1'-0"

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

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

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

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

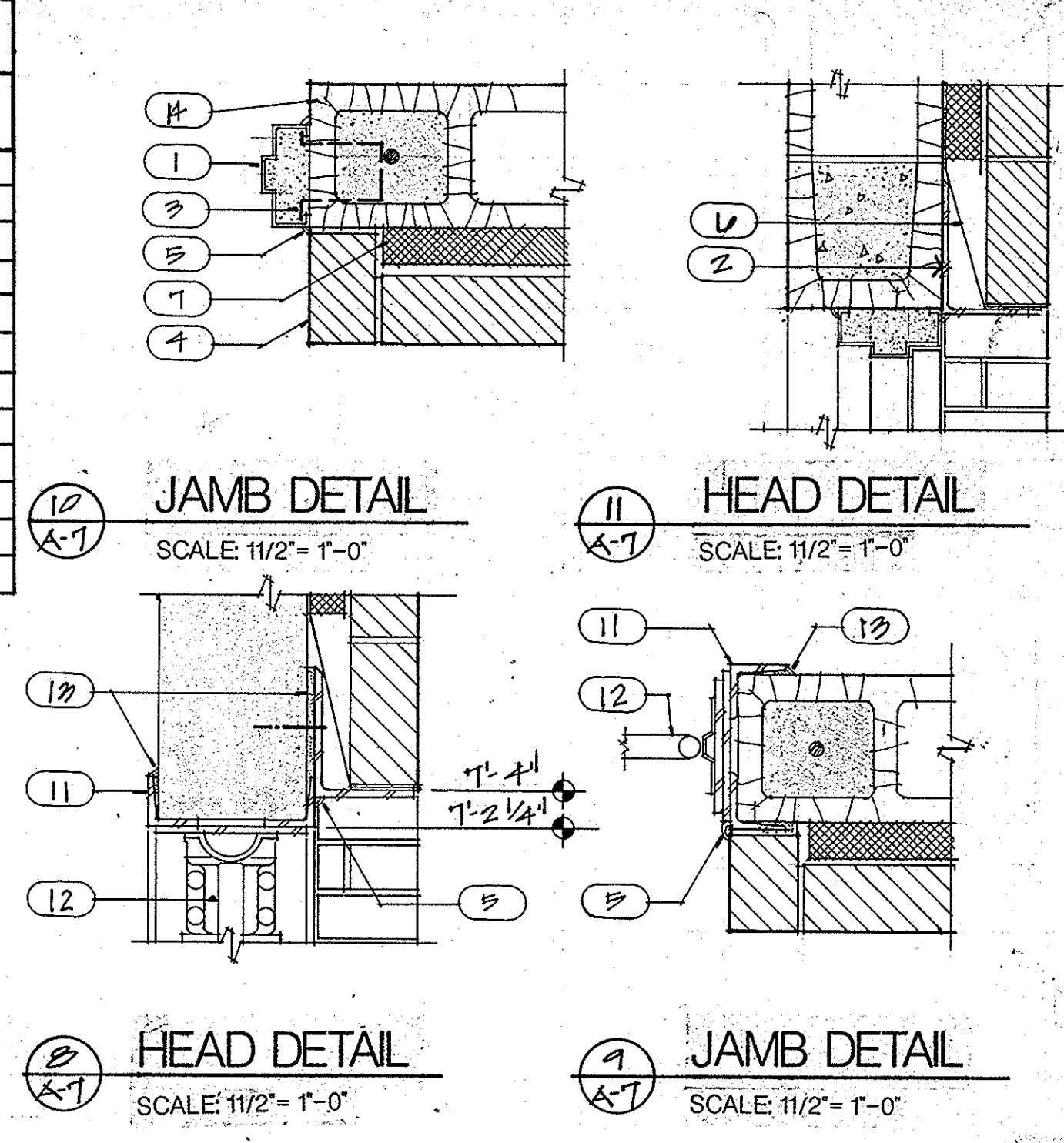
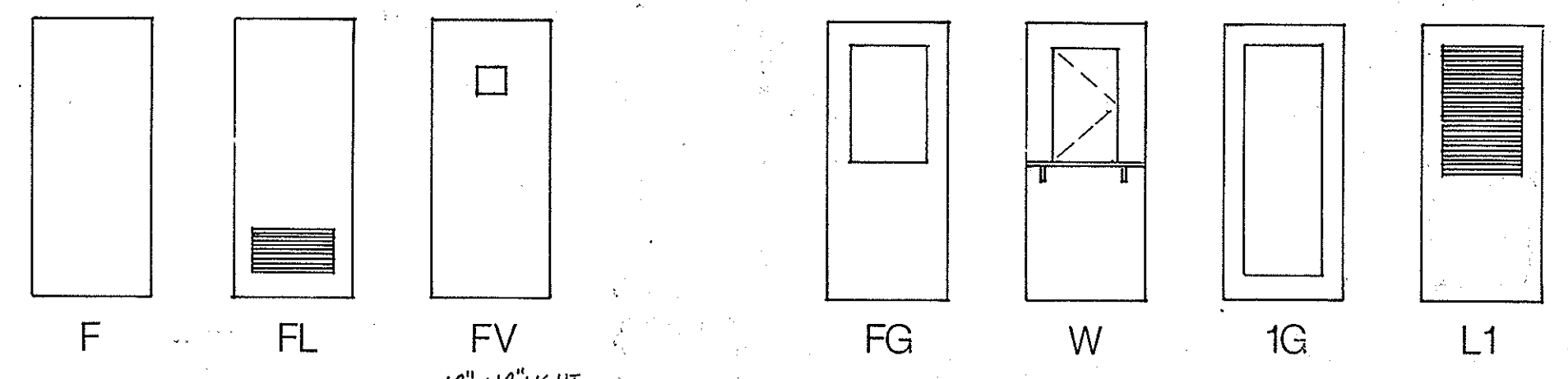


REVISION 2 ISSUED	ALUMINUM STOREFRONT AND WINDOW DETAILS
REVISION 1 ISSUED	NEW MAIN POST OFFICE
ISSUED FOR CONSTRUCTION	DAVENPORT FLORIDA
ISSUED FOR APPROVAL	Lunz and Associates, Inc. ARCHITECTS
ISSUED FOR REVIEW	44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 882-1882

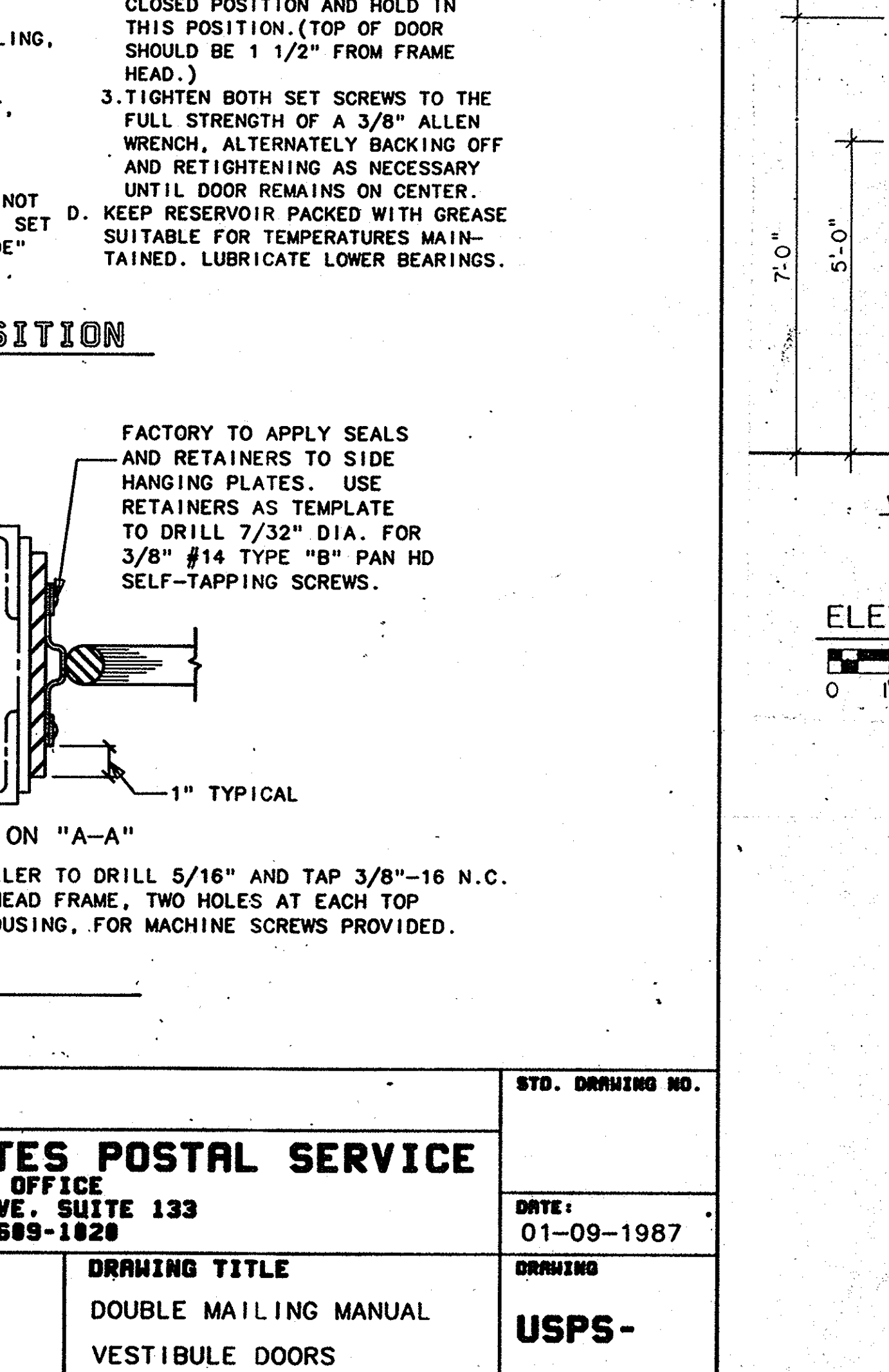
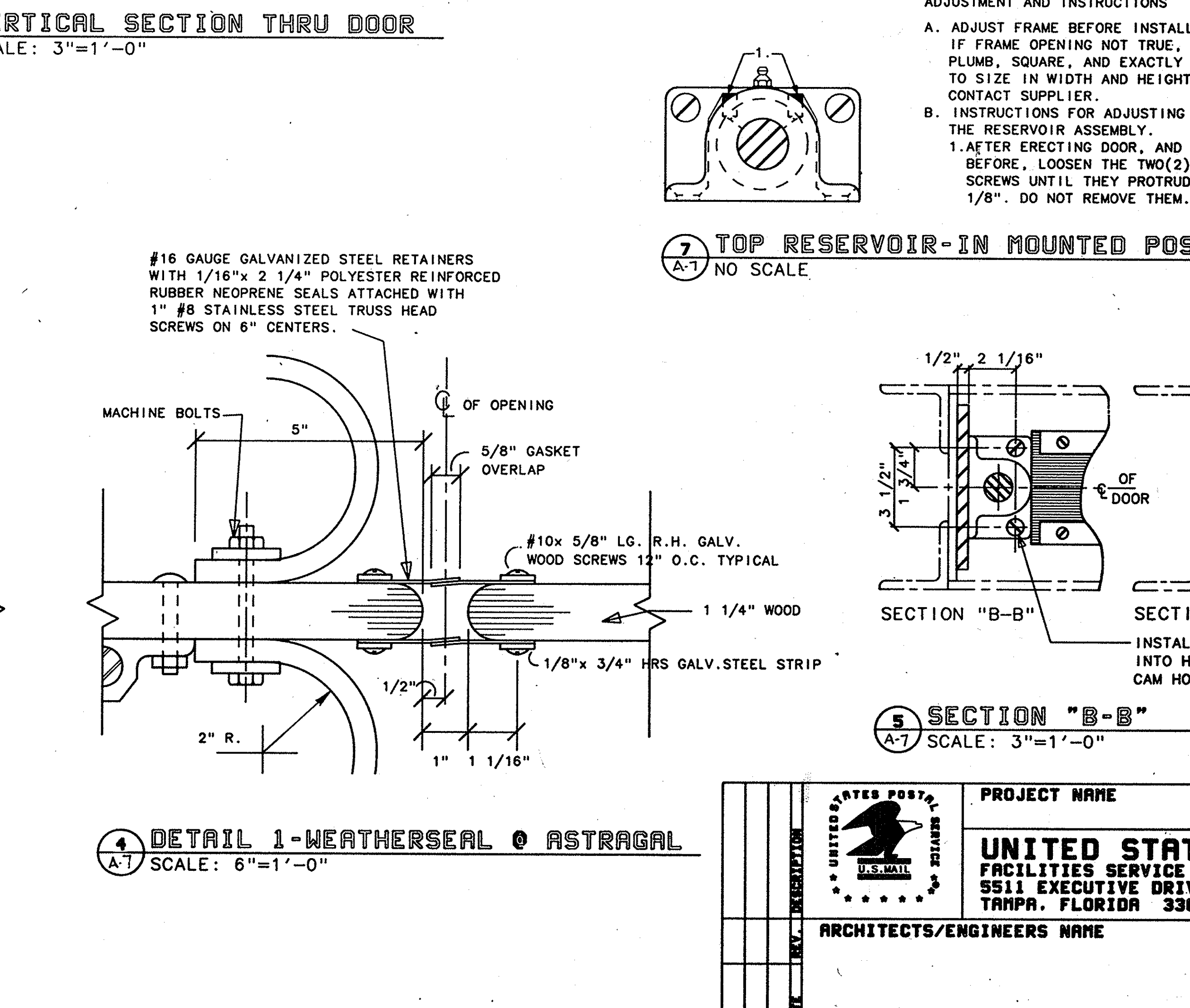
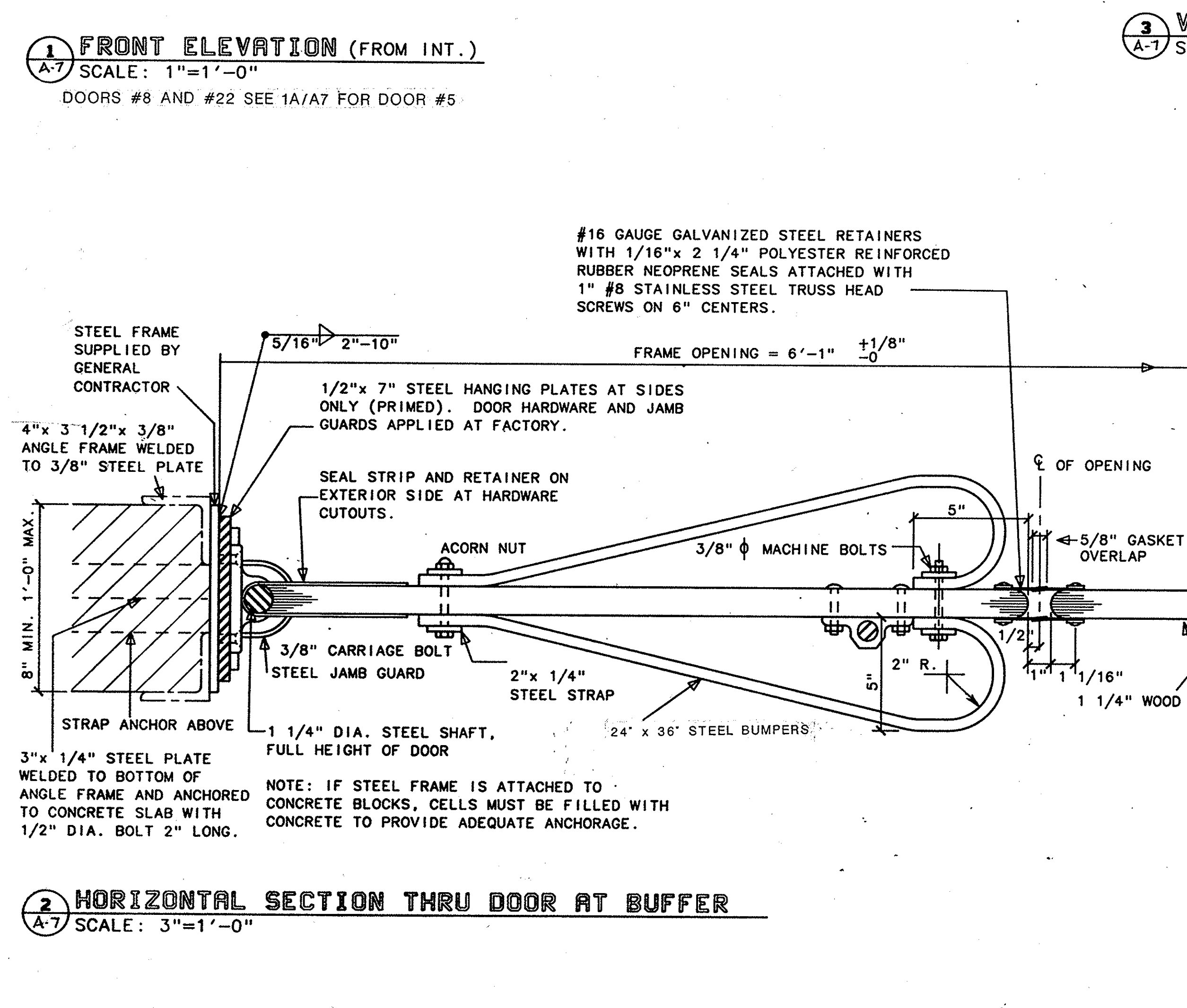
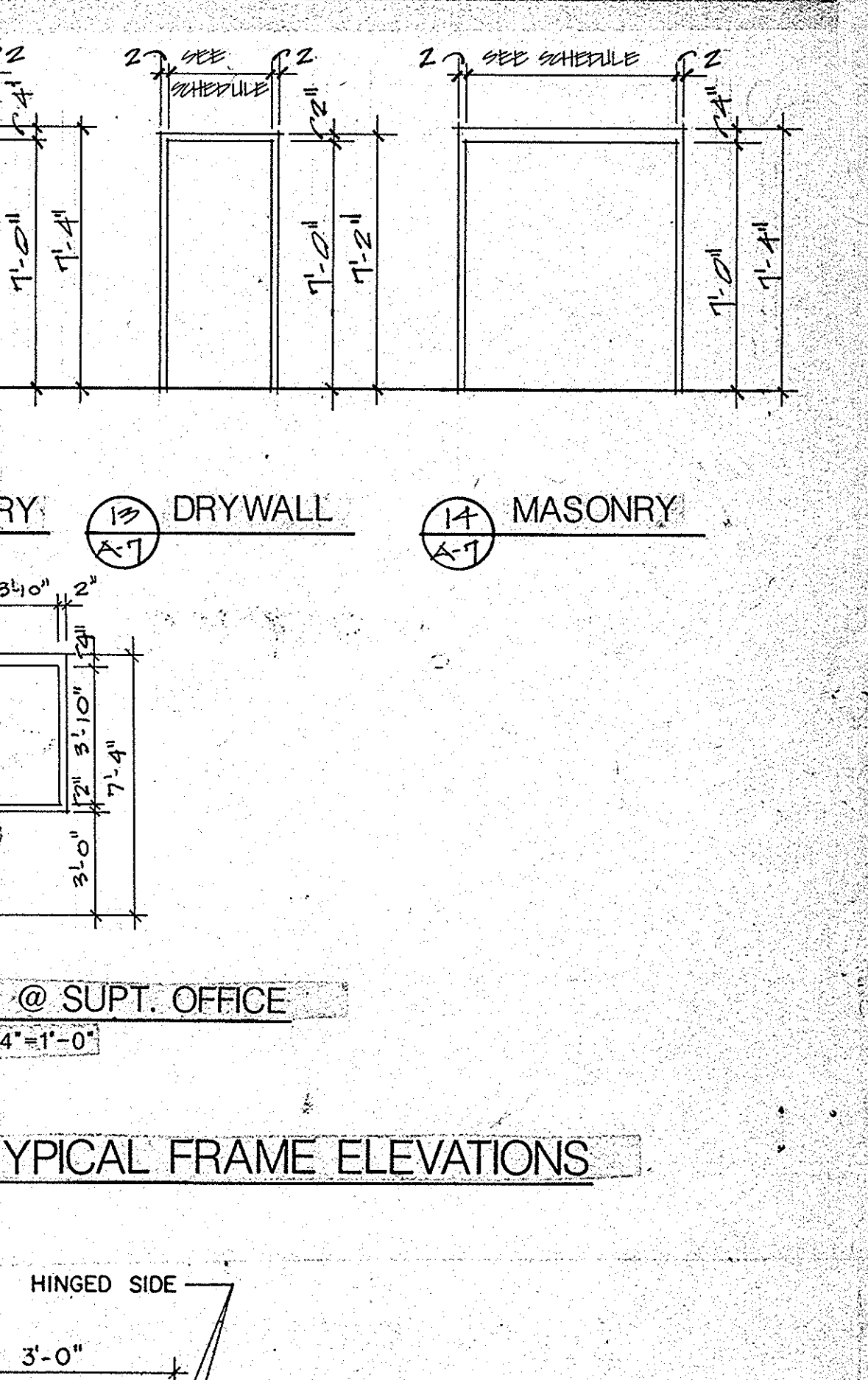
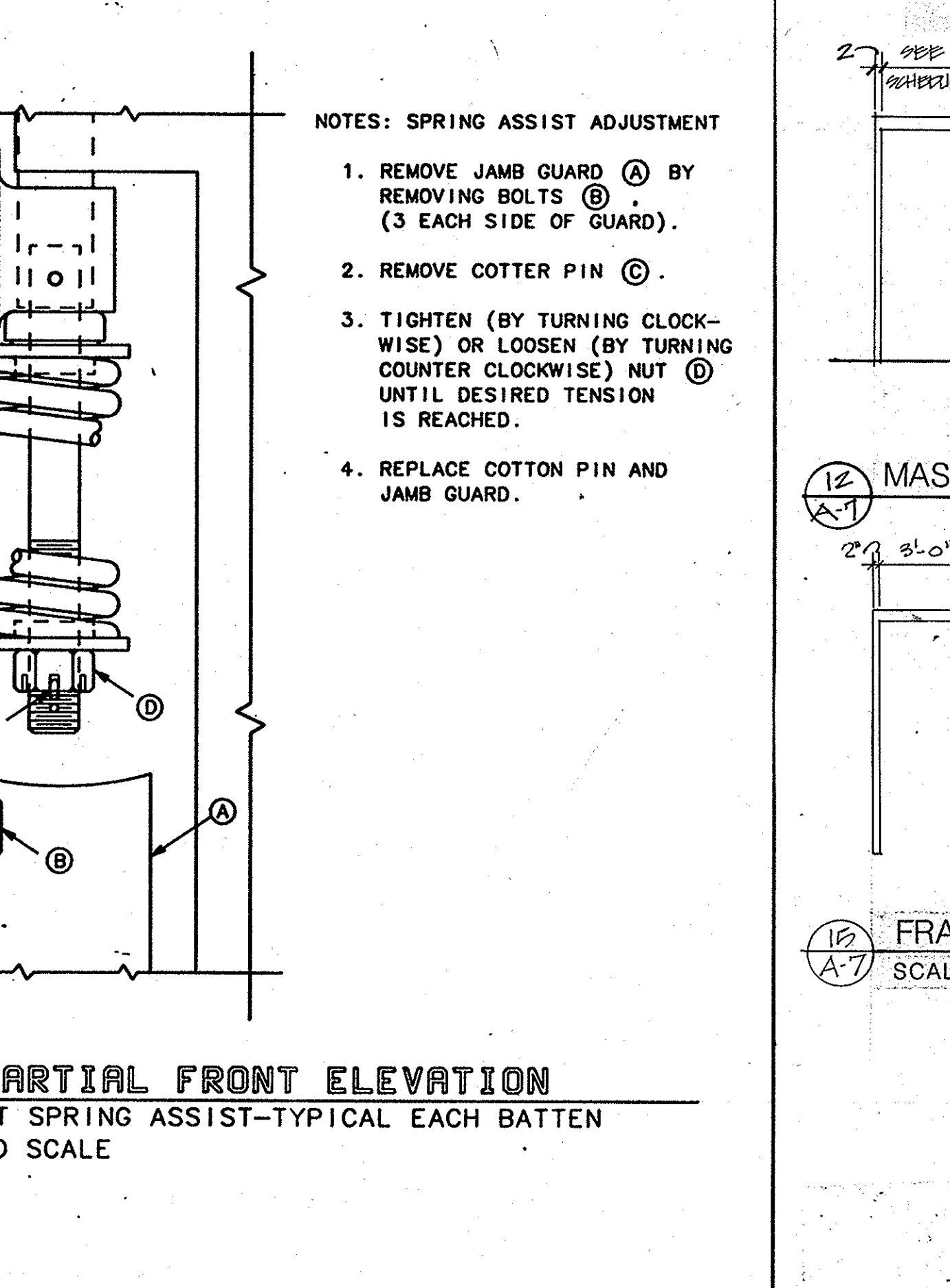
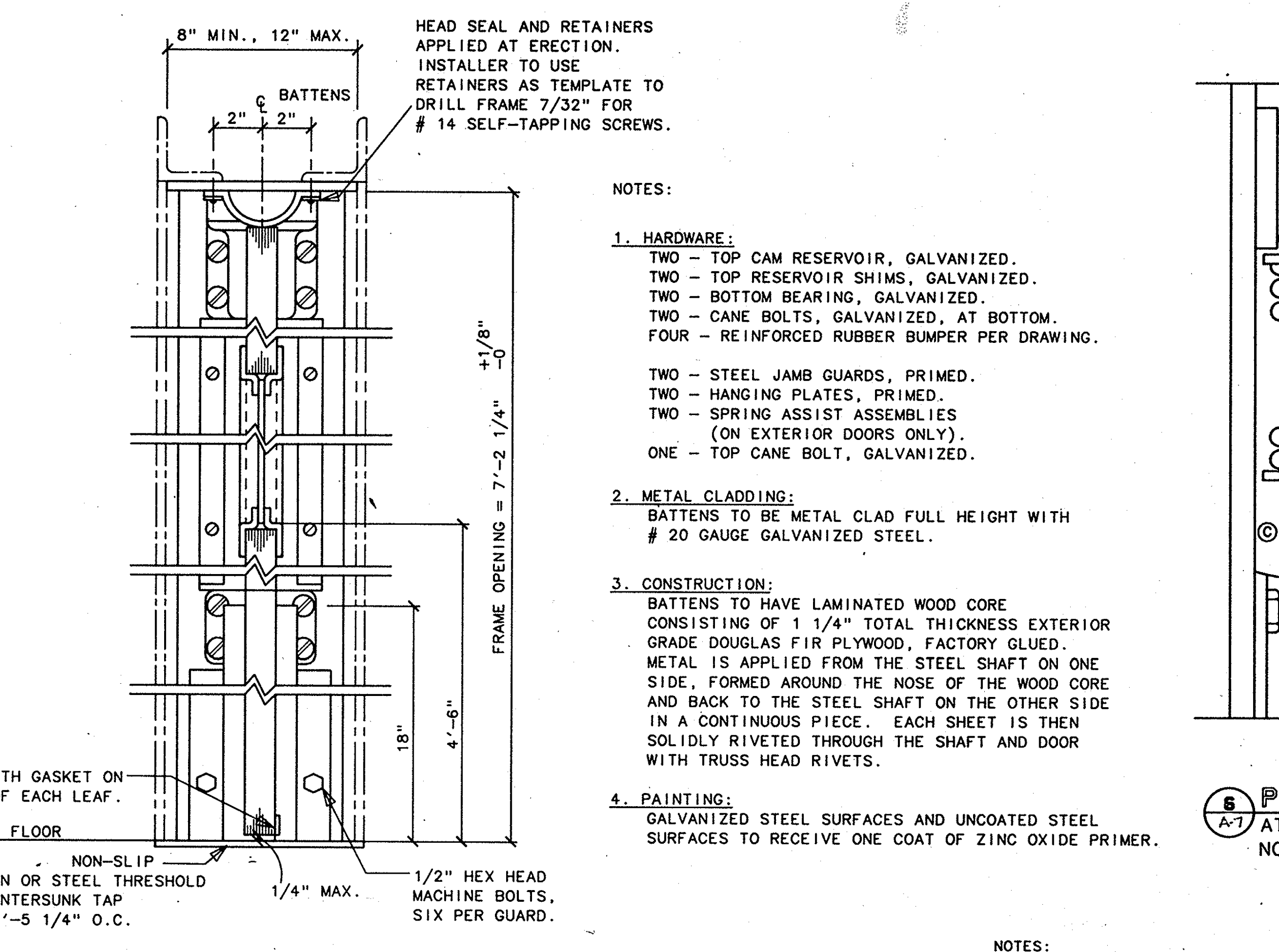
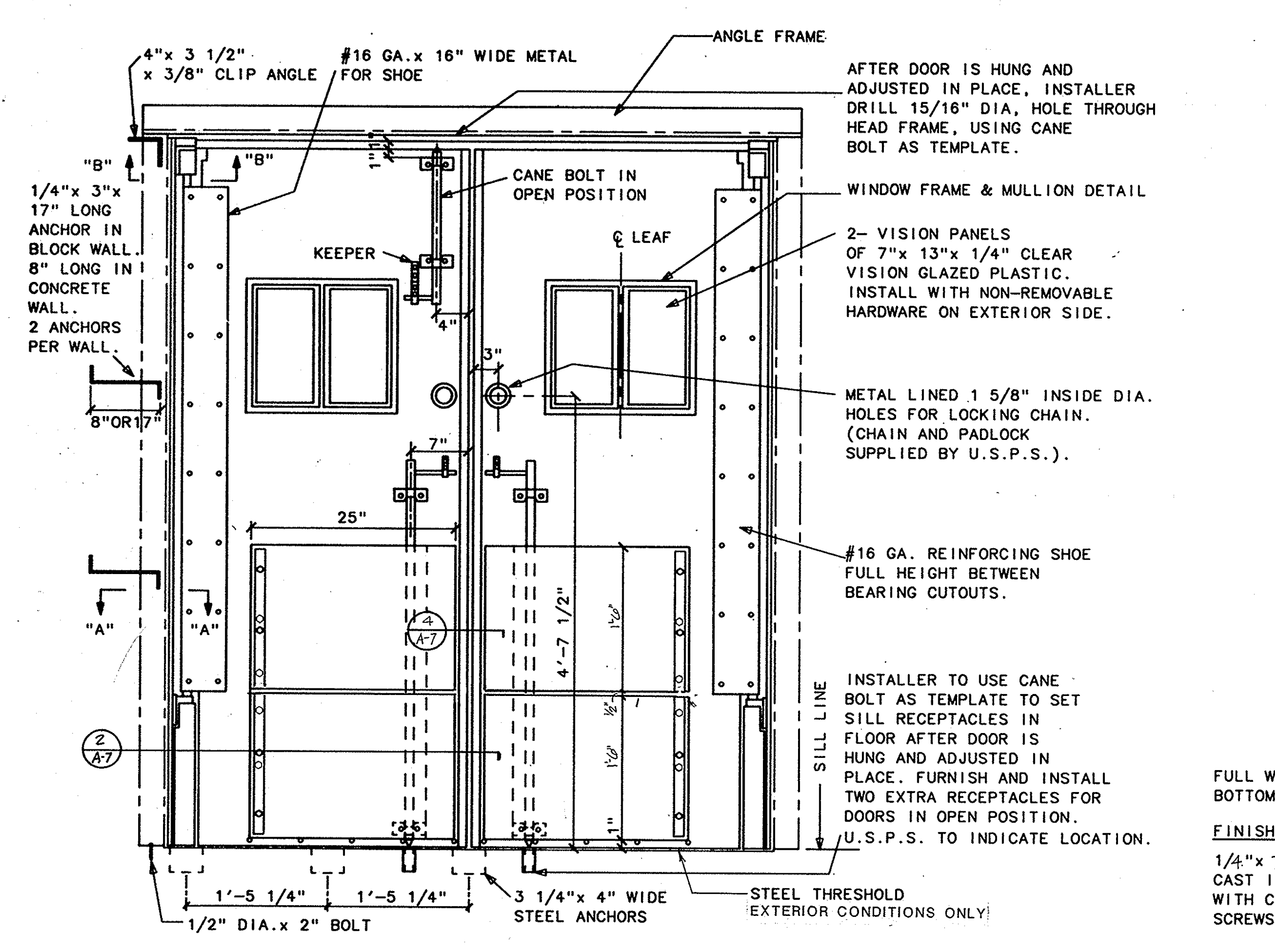


DOOR NO.	LOCATION	FRAME	HDWE	UL LABEL	NO. IN FRAME	DOOR (SIZES IN INCHES)	LOUVER SIZE	TRANSOM TYPE	REMARKS
1	✓	AL	1A	1	1	1A ALA 28 28		ALASS	
2	✓	AL	1A	1	1	1A ALA 28 28		ALASS	
3	✓	AL	1A	1	1	1A ALA 28 28		ALASS	
4	✓	HM	1A	3	1	F HS 24 24	184		HEAD SH. DET. 11A-7, JAMB DET. 11A-7
5	✓	ST	1A	4	2	STUAL ST 24 24	184		UPPER MAIL ROOM, SPEC. SEC. 851, DET. 1 THRU 11A-7
6	✓	HM	1A	2	1	LI HS 24 24	184		HEAD SH. DET. 11A-7, JAMB DET. 11A-7
7	✓	HM	1A	3	1	F HS 24 24	184		HEAD SH. DET. 11A-7, JAMB DET. 11A-7
8	✓	ST	1A	4	2	STUAL ST 24 24	184		UPPER MAIL ROOM, SPEC. SEC. 851, DET. 1 THRU 11A-7
9	✓	AL	1A	1	1	1A ALA 28 28		ALASS	
10	✓	AL	1A	1	1	1A ALA 28 28		ALASS	
11	✓	HS	1A	12	1	W LND 24 24	184		
12	✓	HS	1A	7	1	F LND 24 24	184		
13	✓	HS	1A	7	1	F LND 24 24	184		
14	✓	ST	1A	11	2	STUAL ST 24 24	184		UPPER PLEX. VESTIBULE ROOM, SPEC. SEC. 851
15	✓	HS	1A	10	1	FL LND 24 24	184		
16	✓	HS	1A	10	1	FL LND 24 24	184		
17	✓	HS	1A	10	1	FL LND 24 24	184		
18	✓	HS	1A	7	1	FL LND 24 24	184		
19	✓	HS	1A	7	1	F LND 24 24	184		
20	✓	HS	1A	9	2	F LND 24 24	184		
21	✓	HS	1A	3	1	F LND 24 24	184		
22	✓	ST	1A	4	2	STUAL ST 24 24	184		UPPER MAIL ROOM, SPEC. SEC. 851, DET. 1 THRU 11A-7
23	✓	HS	1A	6	1	F LND 24 24	184		
24	✓	HS	1A	7	1	F LND 24 24	184		
25	✓	HS	1A	8	1	F LND 24 24	184		
26	✓	HS	1A	6	1	FV LND 24 24	184		

DOOR NO.	LOCATION	FRAME	HDWE	UL LABEL	NO. IN FRAME	DOOR (SIZES IN INCHES)	LOUVER SIZE	TRANSOM TYPE	REMARKS
27	✓	HS	1A	6		F WLD 24 24	184		
28	✓	HS	1A	7		F WLD 24 24	184		
29	✓	HS	1A	5		F WLD 24 24	184		
30	✓	HS	1A	13		FV WLD 24 24	184		



- DRAWING NOTES**
- Door frame see spec. section 805 - grout solid.
  - 7" x 5 1/2" x 5/16" galv. bent plate lintel.
  - Steel frame anchor - see spec. section 832.
  - Brick veneer.
  - Sealant - see spec. section 709.
  - Head flashing with vertical joint weeps at 2'-8" o.c.
  - 2" insulation board see spec. section 403.
  - Provide hardware shelf and bracket.
  - Deadlock with rabbeted face plate and strike - no exposed trim on lobby side.
  - Vision lense installed in door. Manufacturer's standard fisheye type lense.
  - Steel frame see 7/A-7.
  - Special USPS mail door - see spec. section 851.
  - Parge with mortar.
  - 8" conc. masonry units w/ horizontal masonry reinf. at 16" o.c.









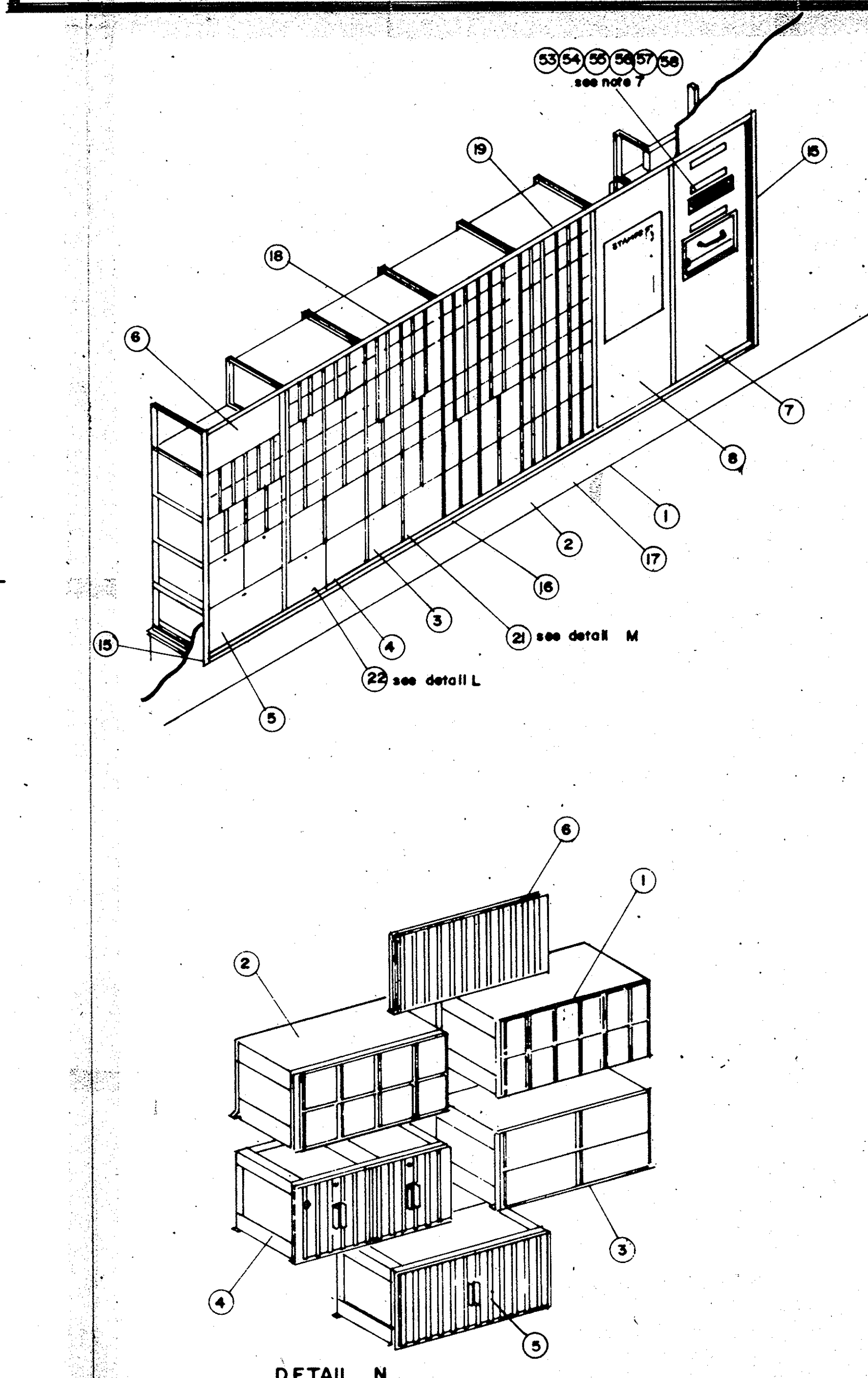
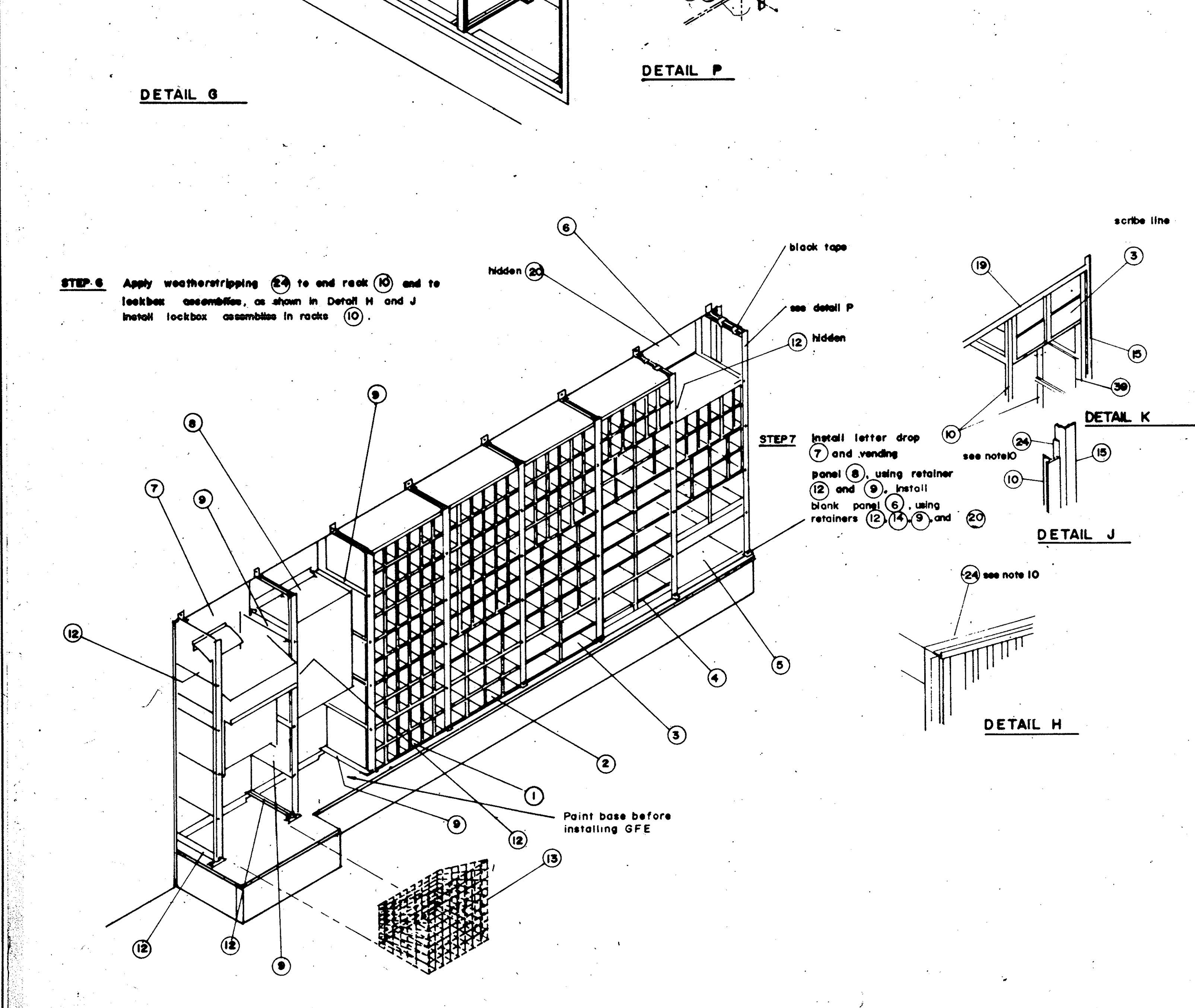
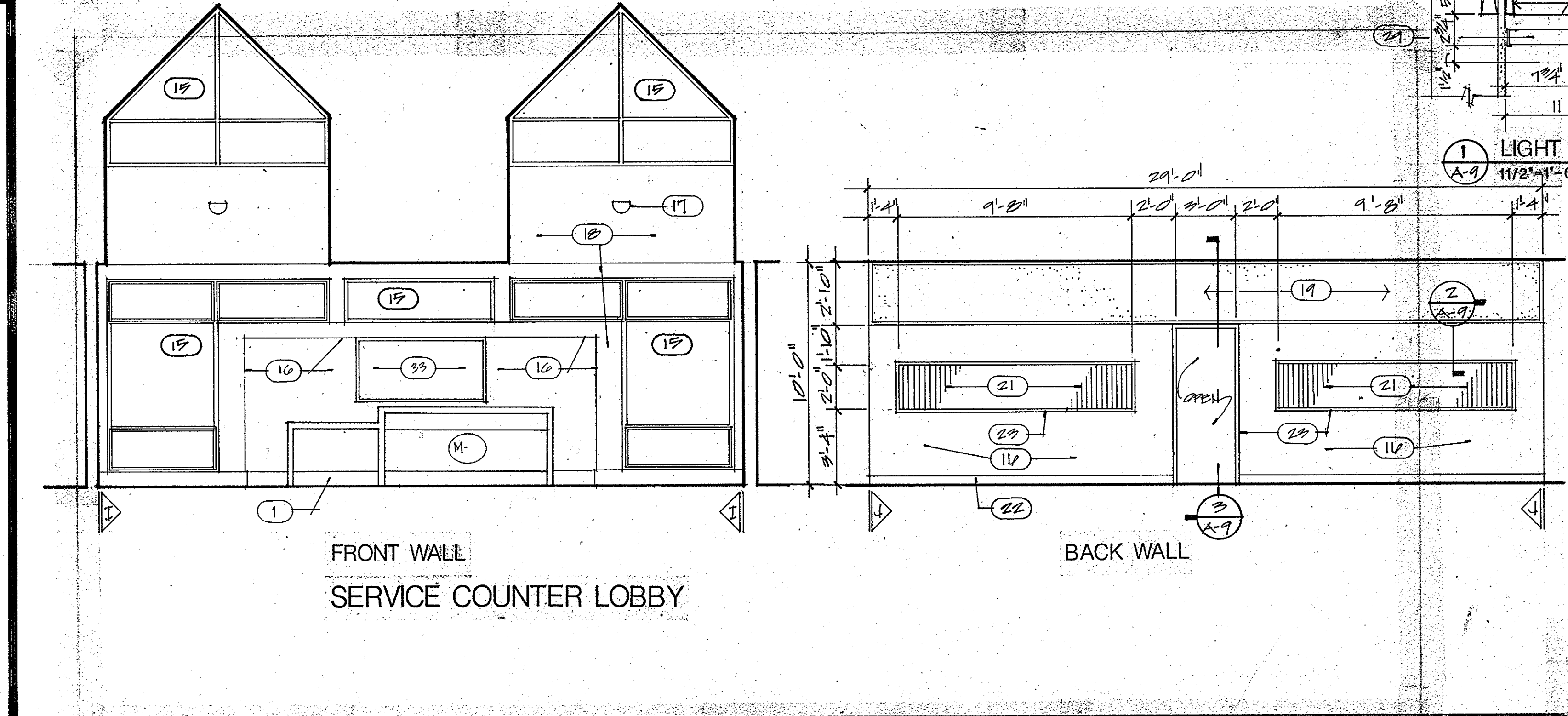
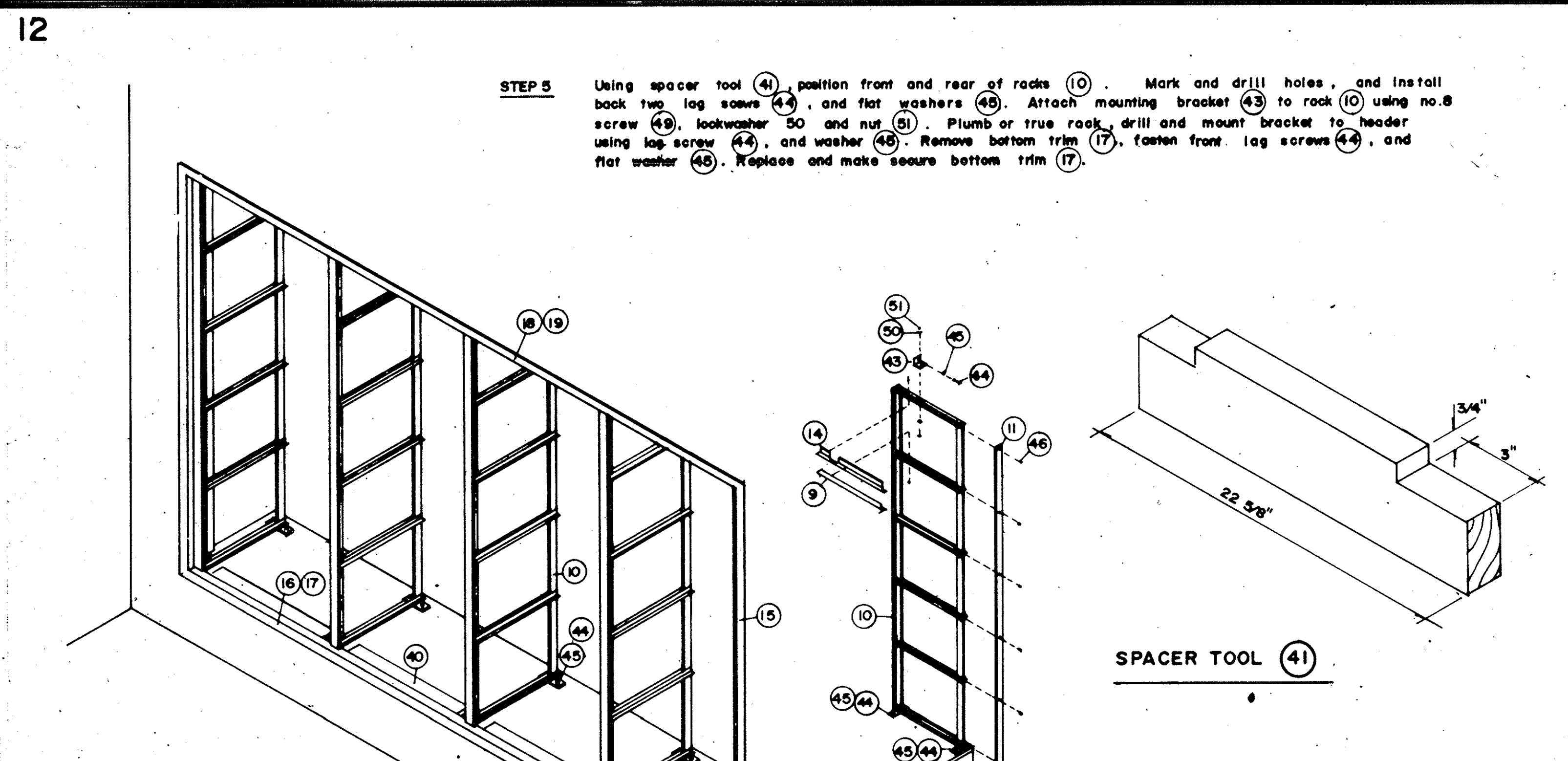
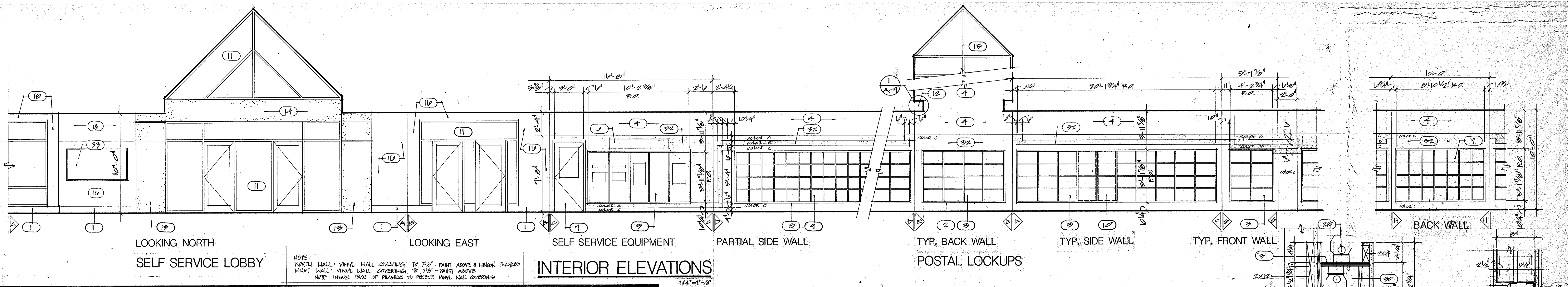


TABLE II

no. of units	rough opening
1	2'-2 7/8"
2	4'-2 3/4"
3	6'-2 3/4"
4	8'-2 1/2"
5	10'-2 3/8"
6	12'-2 1/4"
7	14'-2 1/8"
8	16'-2"
9	18'-1 7/8"
10	20'-1 3/4"
11	22'-1 5/8"
12	24'-1 1/2"
13	26'-1 3/8"
14	28'-1 1/4"
15	30'-1 1/8"
16	32'-1"
17	34'-0 7/8"
18	36'-0 3/4"
19	38'-0 5/8"
20	40'-0 1/2"

TABLE I

no. of units	fin opening
1	2'-1 3/8"
2	4'-1 1/4"
3	6'-1 1/8"
4	8'-1"
5	10'-0 7/8"
6	12'-0 3/4"
7	14'-0 5/8"
8	16'-0 1/2"
9	18'-0 3/4"
10	20'-0 1/4"
11	22'-0 1/8"
12	24'-0"
13	26'-0 1/8"
14	27'-11 3/4"
15	29'-11 5/8"
16	31'-11 1/2"
17	33'-11 3/8"
18	35'-11 1/4"
19	37'-11 1/8"
20	39'-11"

- NOTES:
- All dimensions are in inches unless otherwise specified.
  - Location and fabrication of the screenline in new or existing wall will be determining factor in variations of construction and materials.
  - This drawing is typical of new construction. Screenline consist of 1/2" gyp. bd. This may vary in accordance with local building codes.
  - Brackets (Item 43) may be substituted if suitable using 2x4s nailed to header and fastened to rack (Item 10) from underside with wood screws.
  - Hardware quantity on parts to be dependent on no. of unit assemblies.
  - Notes apply to all detail sheets.
  - Signage to be installed by U.S.P.S.
  - See table I for various finished openings, and table II for rough openings.
  - Items other than GFE shall be furnished by installing contractor.
  - Weather stripping (Item 39) part no. 5350 to be purchased from Durkas-Alwood Co., 217 N.E. 7th Street, Minneapolis, Minn. 55415
  - All parts that are custom cut in the field shall be touched up with paint.

- 6x6 quarry tile, see specification section 925.
- Angle trim at all lock boxes, supplied by USPS, installed by Contractor. See details this sheet.
- Lock box frame units, supplied by USPS, installed by contractor. Install all components including boxes.
- Drywall, painted above 7'-8" tile height.
- Customer Self Service Panels installed in USPS supplied frames. Contractor to construct panels in accordance with details 1 thru 11 on Sheet A-11. Use Nevamar ARP Surface Plumb Brown S-2-56T - Textured -
- Self service sign panel. See spec. section 1015.
- Specially built Wicket Door - See door schedule and details on Sheet A-7 and Spec. Sec. 811.
- Use similar metal trim detail around Contractor supplied postal lockers.
- Postal lockers supplied and installed by Contractor. See Spec. Sec. 1110. Locker size 15" W x 18" H x 18" D.
- Typical installation of blank panels. See detail 6/A11. Floor plans show location of these blank panels.
- Aluminum storefront system - see sheet A-6.
- Cove light - see 1/A-9
- Exposed reinforced concrete column poured in place.
- Exposed reinforced concrete beam.
- Aluminum window see sheet A-5.
- Drywall w/vinyl wall covering.
- Suspended light fixture - see electrical drawings.
- Drywall painted.
- 1/4" corboard applied w/ adhesive over gypsum w/ 1 1/2" x 1/4" mt. PAINT CARDBOARD AND TRIM
- 1 1/2" x 1/4" metal trim - Paint to match metal door jamb.
- Vinyl door - see spec. section - 852.
- Vinyl base - see spec section - 951
- Steel jamb framed opening.
- 3/4" plywood on 6" metal joist @ 16" o.c.
- 2x4 metal joist headers w/6" runner track top and bottom.
- 2x12 wood bumper ease edges.
- 2x10 nailer on 3" metal studs.
- Fluorescent strip with asymmetric reflector.
- 1x Aluminum paper, 36" x 48" w/6" oc. LIGHT GREY by ALP. W/1/2" LEADING PAPER.
- 1x6 @ 50" o.c.
- 3/4" plywood.
- Thinset ceramic tile - see spec. section 928.
- 5/8" x 2 1/2" ENCLOSED BULLET BOARD - SEE DETAIL 7/A

UNITED STATES POSTAL SERVICE

UNITED STATES POSTAL SERVICE FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

LOCK BOX DETAILS

NEW MAIN POST OFFICE

DAVENPORT FLORIDA

Lunz and Associates, Inc.  
ARCHITECTS

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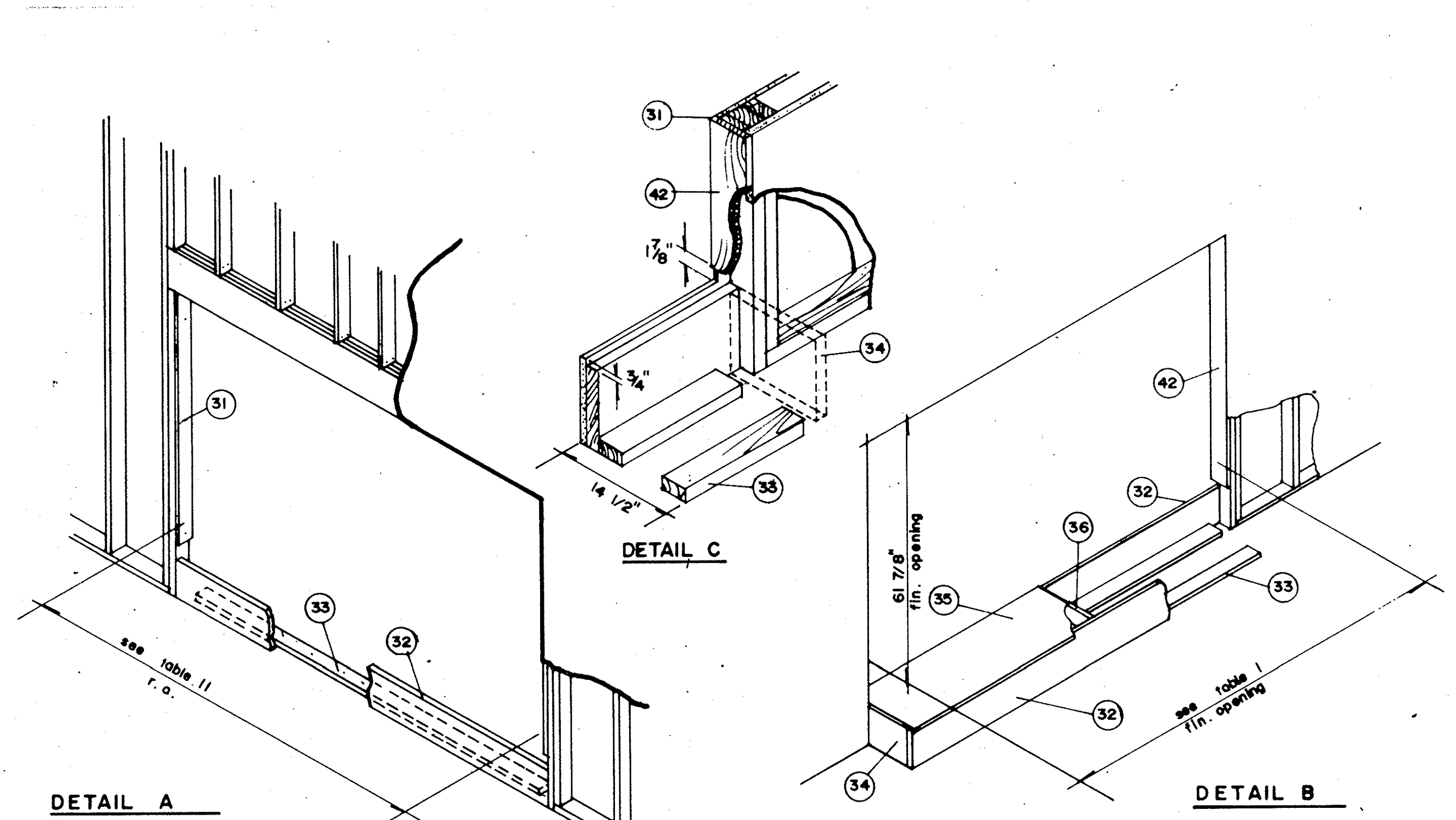
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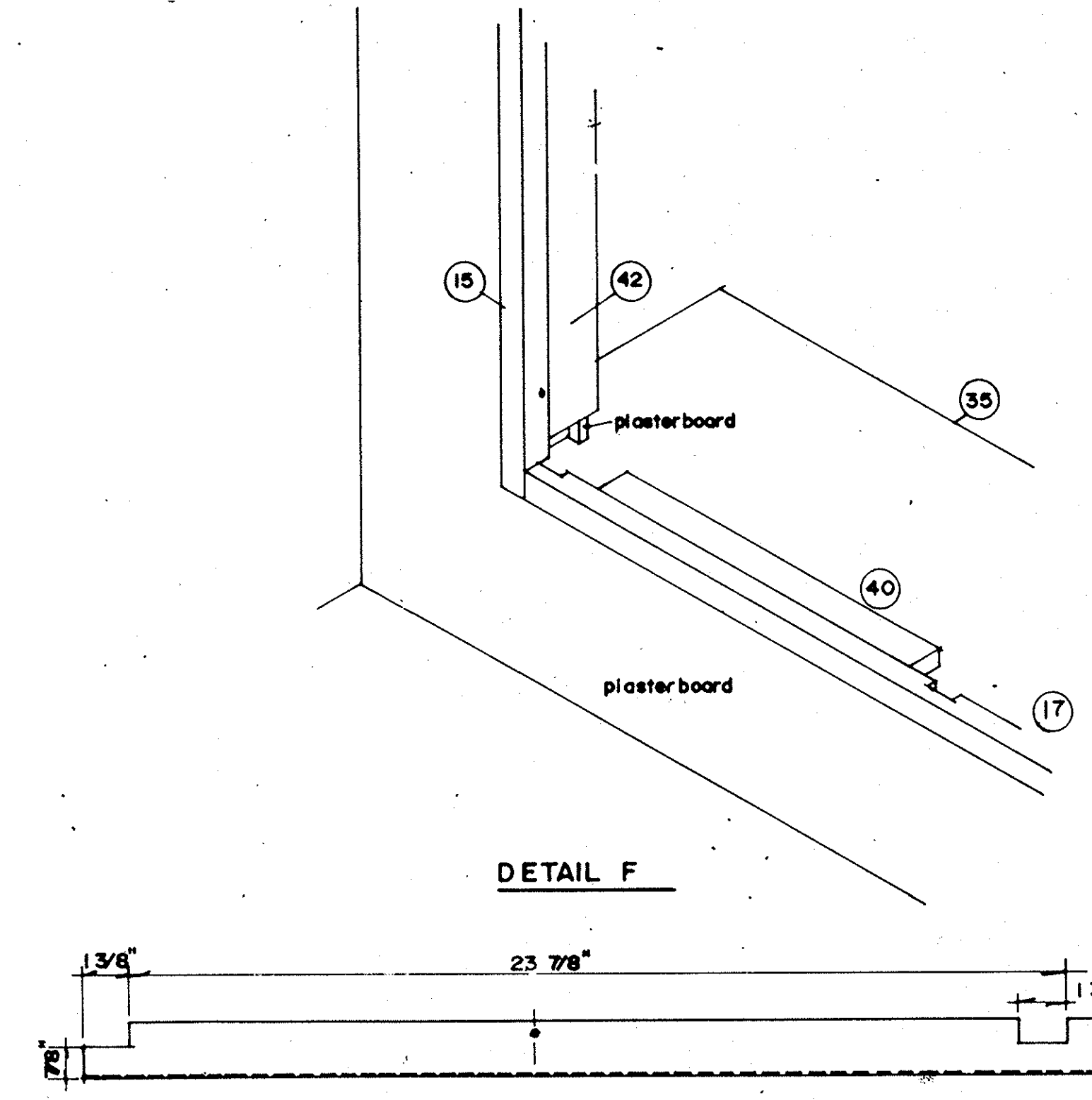
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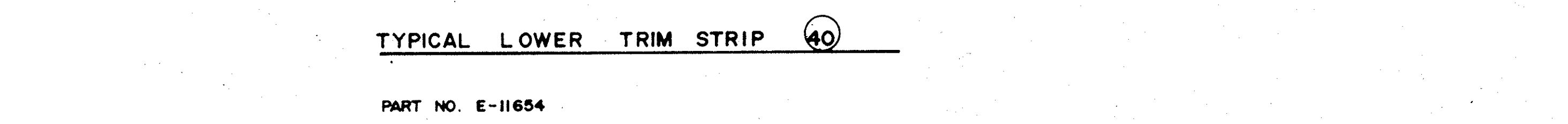




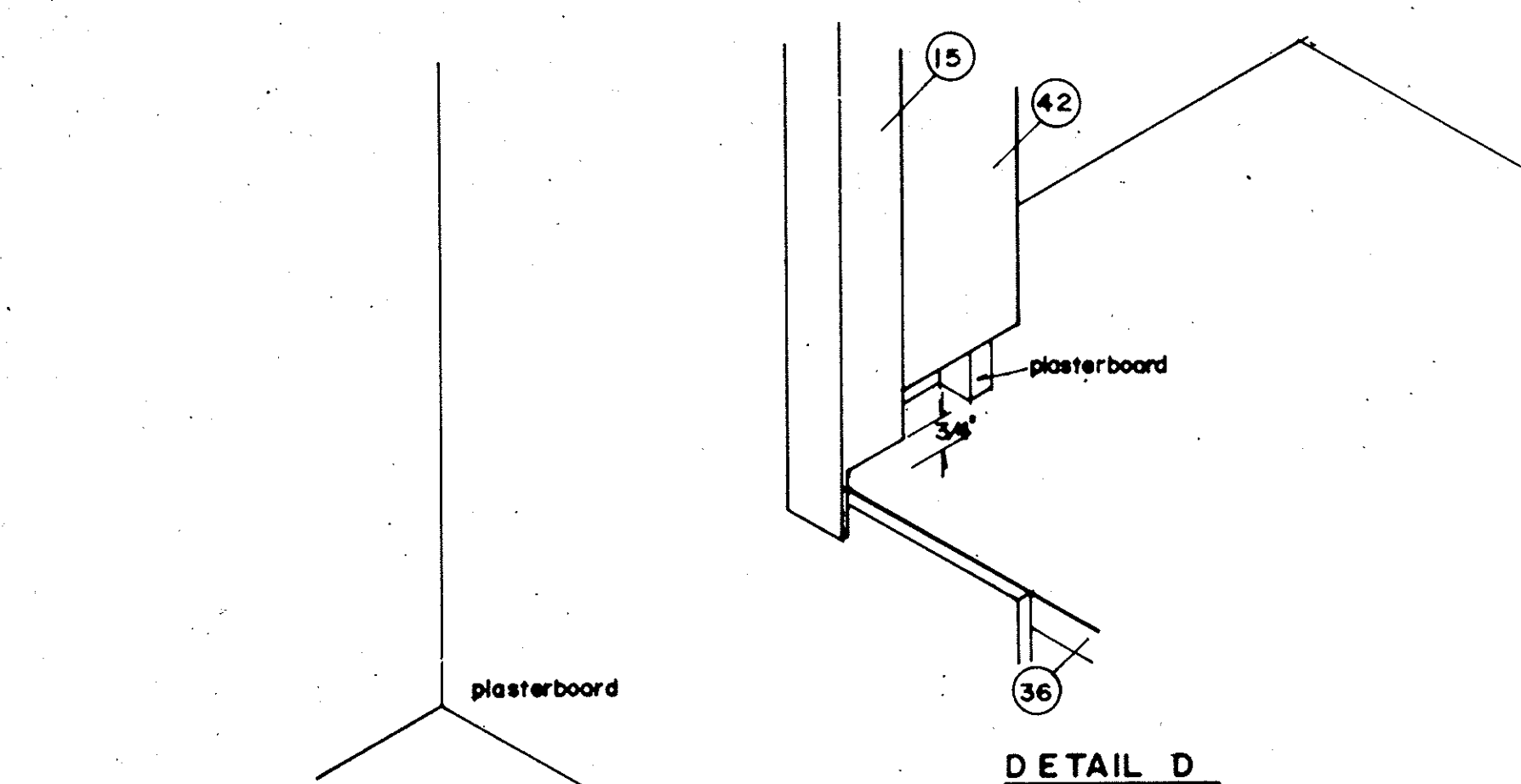
**Step 1** Rough frame opening including items 31, 32, 33, as shown in detail A. Apply plasterboard to both sides of partition. Install remaining support anchor 33, and nail into place the platform support 32, platform support side 34, and platform cover support 36. Fasten platform cover 35 so that fin. opening hgt. is 61 7/8". Fasten spacer 42 so that fin. opening width is that shown on Table I.



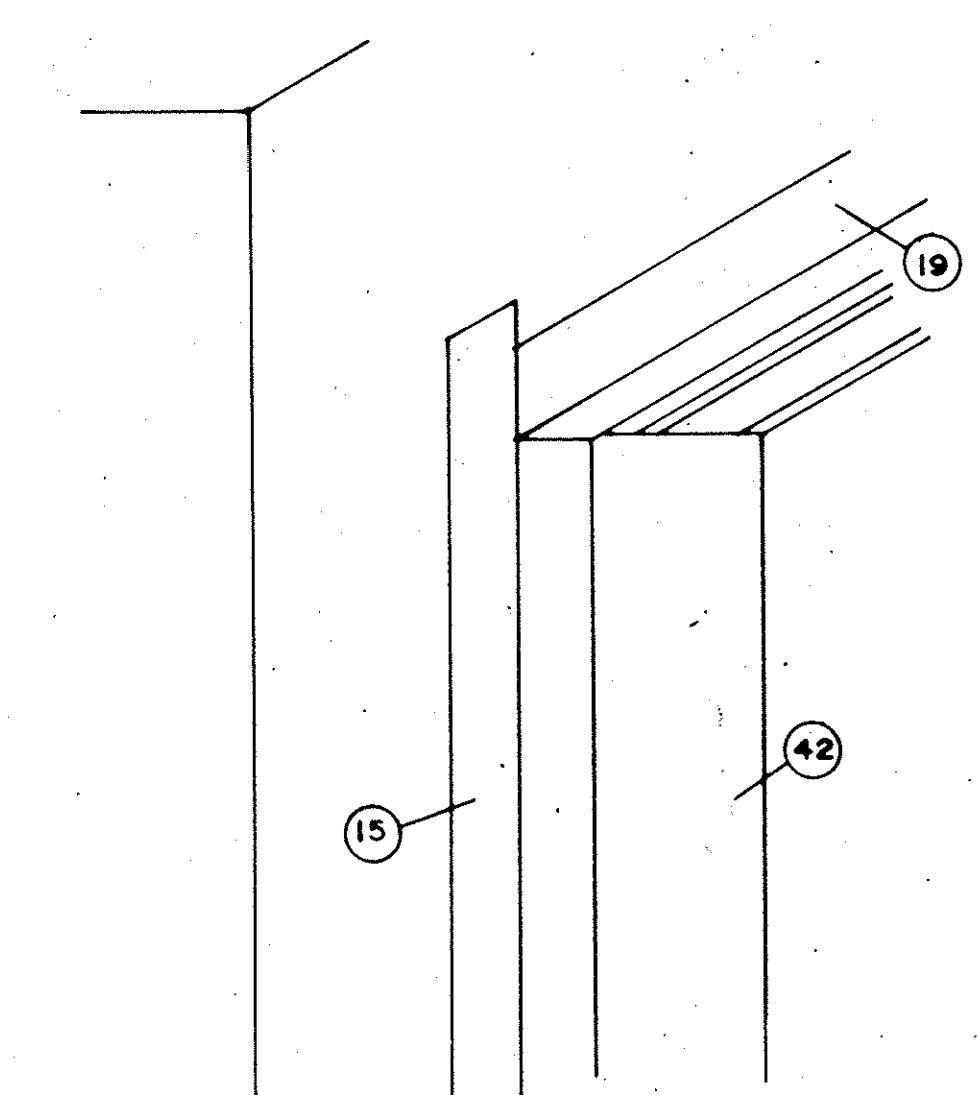
**Step 3** Install spacers 40 and temporarily install lower trim 17 fitting flush against side 15.



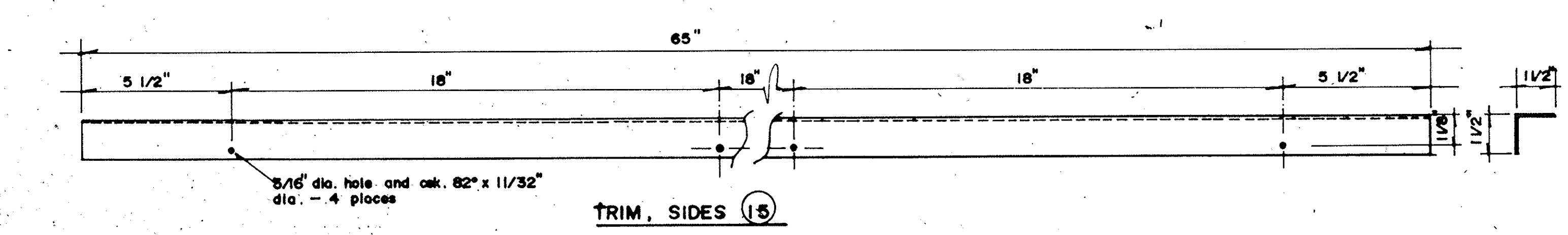
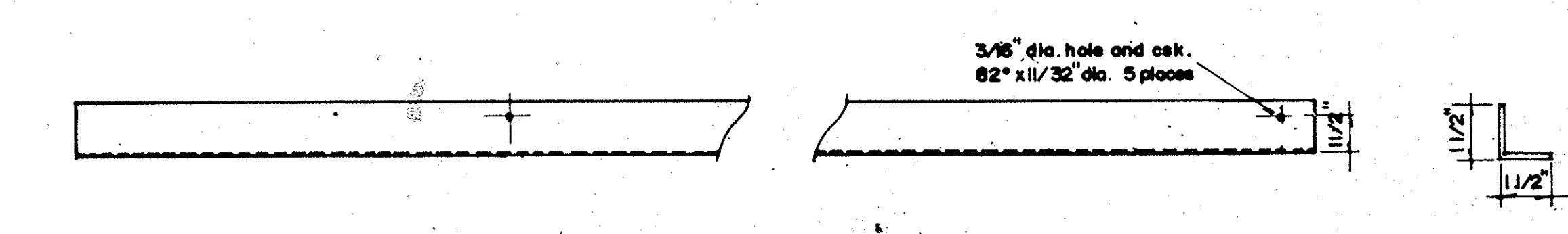
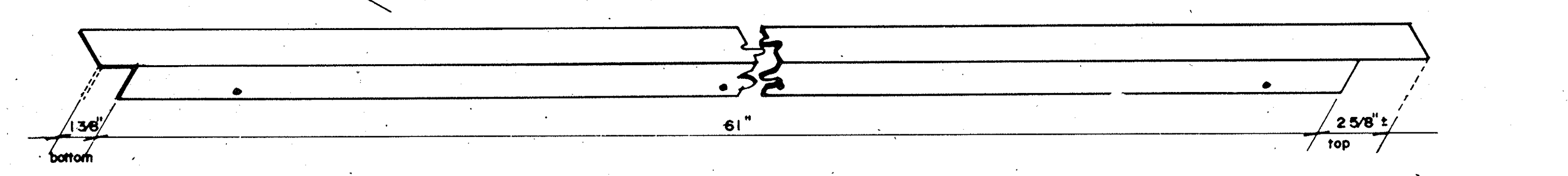
PART NO. E-11654



**Step 2** Field cut side trim 15 leaving excess on top as shown. Starting on one side, position and temporarily install side trim 15 (see detail) using two flat head screws 47.



**Step 4** Install upper trim 19, shim as required for a tight fit against top of rack. Scribe line for cutting excess from side trim 15. Remove side trim 15 and cut excess off. Replace and permanently secure side trim 15.

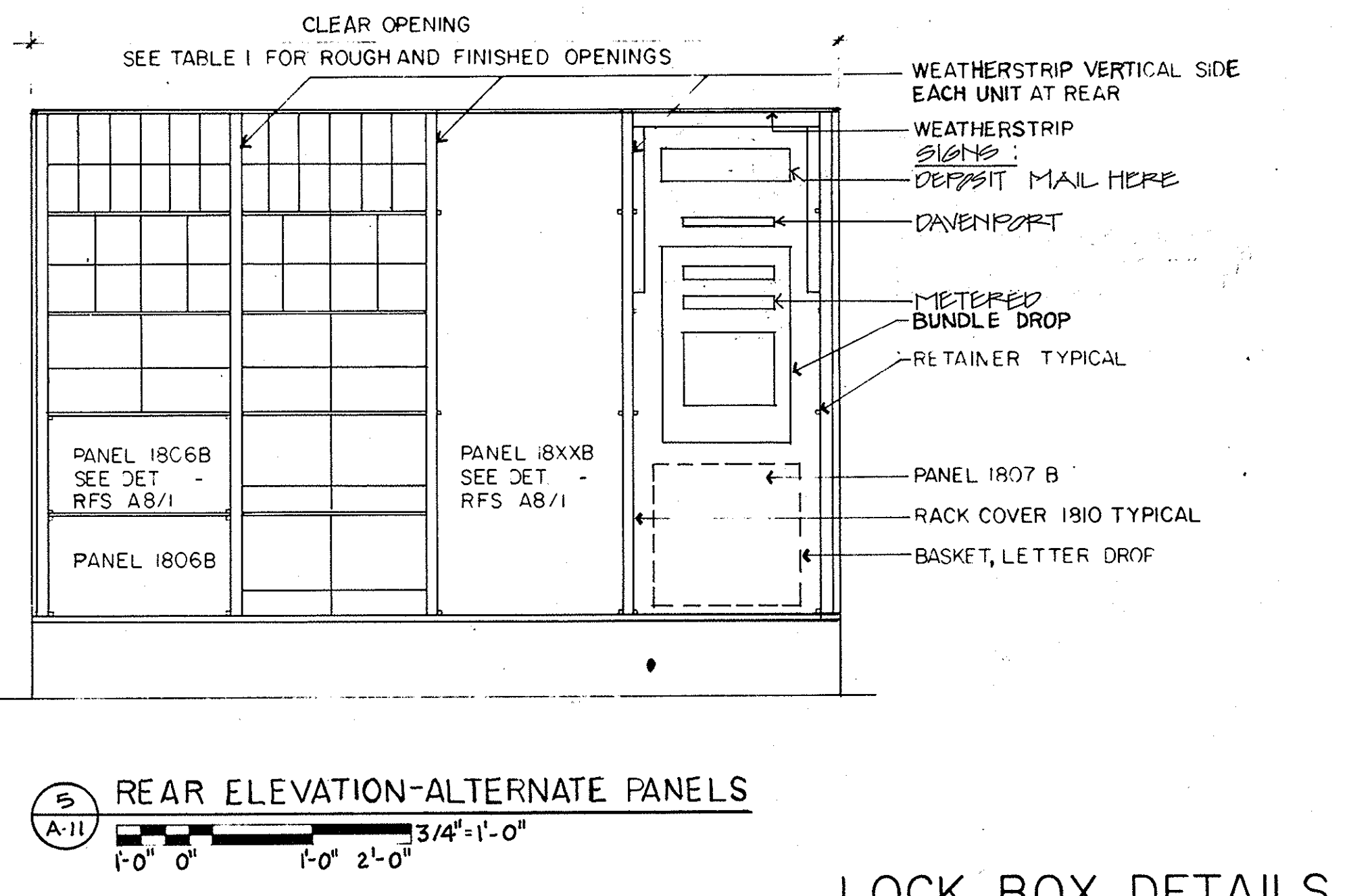
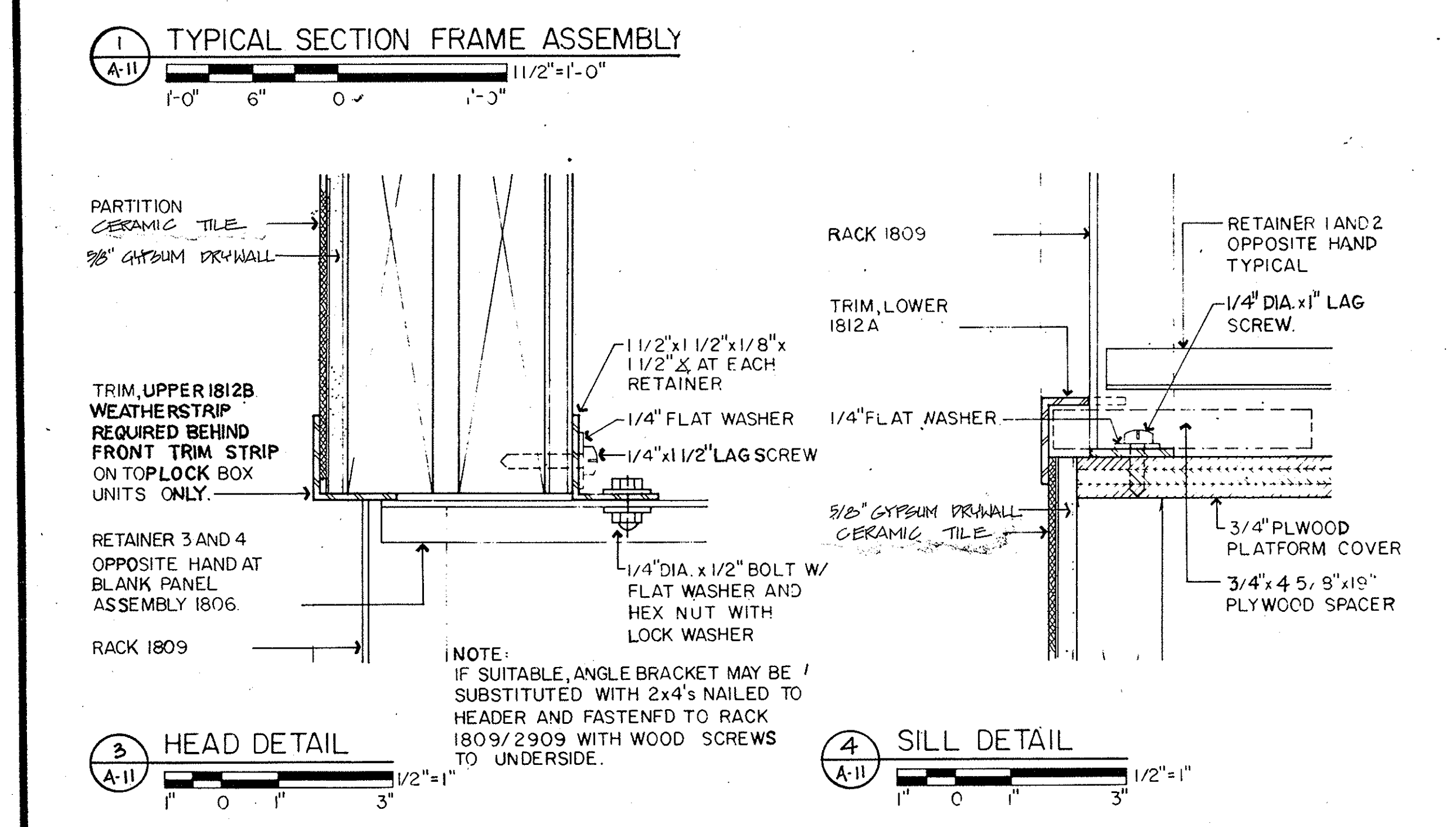
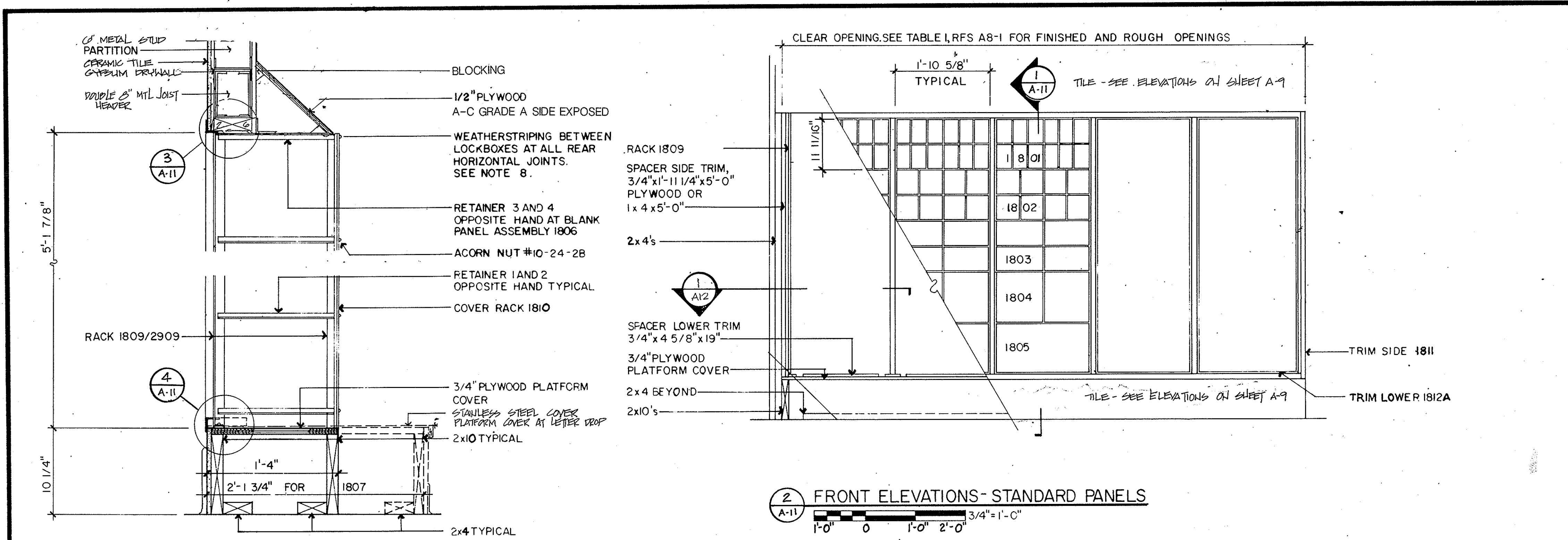


PART NO. C-21327

UNITED STATES POSTAL SERVICE  
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 5511 EXECUTIVE DRIVE, SUITE 133  
 TAMPA, FLORIDA 33609-1001

REVISION 2 ISSUED		LOCK BOX DETAILS
REVISION 1 ISSUED		NEW MAIN POST OFFICE
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ISSUED FOR APPROVAL	7/18/87	
ISSUED FOR REVIEW		
APPROVED BY		Lunz and Associates, Inc. ARCHITECTS
CHECKED BY		44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33801 (813) 682-1882
DRAWN BY	BJF	A-10 8721





**LOCK BOX ASSEMBLY PARTS LIST**

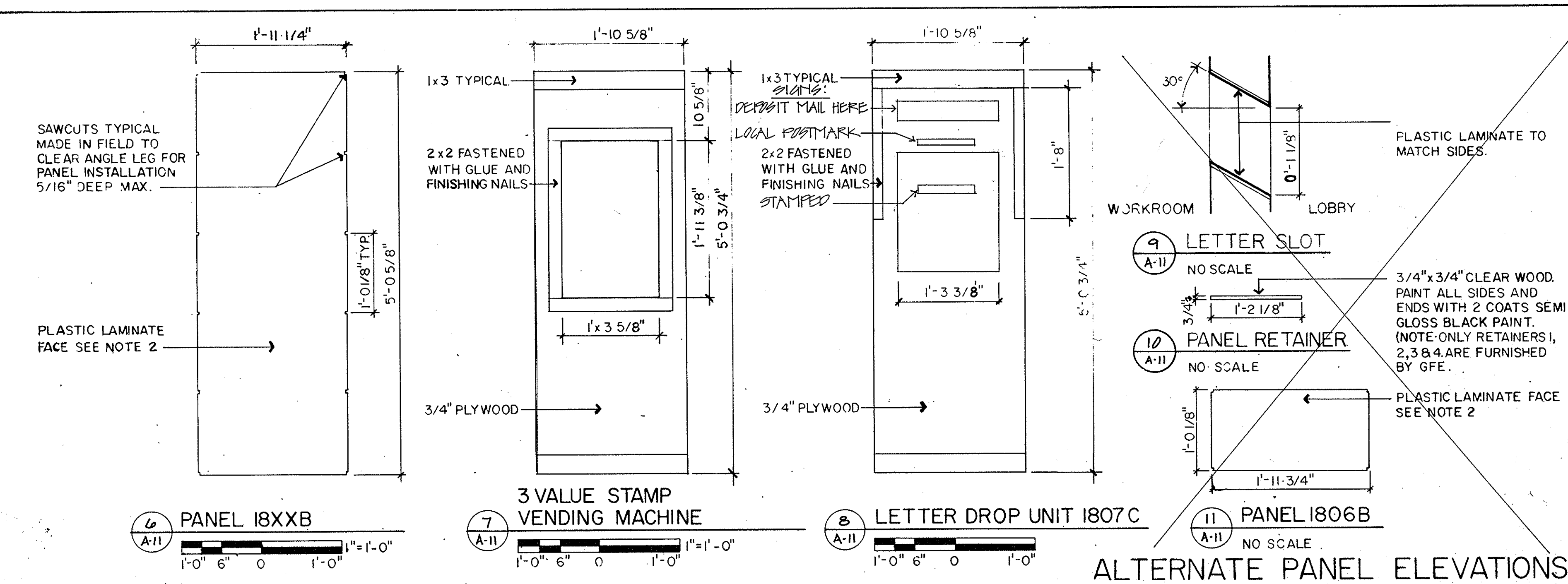
QTY.	DESCRIPTION	PART NUMBER	REMARKS	SPECIFICATION
A/R	LOCK BOX ASSEMBLY	1801		GFE
	LOCK BOX ASSEMBLY	1802		
	LOCK BOX ASSEMBLY	1803		
	LOCK BOX ASSEMBLY	1804		
	LOCK BOX ASSEMBLY	1805		
	BLANK PANEL ASSEMBLY	1806		
	LETTER DROP PANEL	1807		GC
	3 VALUE STAMP FINDING PANEL	1808		GC
	RACK	1809		GFE
	COVER, RACK	1810		
	TRIM, SIDE	1811		
	TRIM, LOWER	1812A	L.H.	
	TRIM, LOWER	1812A	R.H.	
	TRIM, UPPER	1812B	R.H.	
	TRIM, UPPER	1812B	L.H.	
	NUMBER STRIP, DOOR	1813		
	NUMBER STRIP, DRAWER	1813MOD		
	RETAINER 1		L.H.	
	RETAINER 2		R.H.	
	RETAINER 3		L.H.	
	RETAINER 4		R.H.	
SEE NOTE 4	BASKET, LETTER DROP		P.O. ITEM	
	SIGN, STAMPED		NOTE 8	GC
	SIGN, DEPOSIT MAIL HERE			
	SIGN, LOCAL POSTMARK			
	SIGN, DAVENPORT			
	SIGN, METERED			
	SIGN, HRS OF OPERATIONS (FOR WORK)			
	LETTER DROP	1817 C		GFC
	HARDWARE			

**GENERAL NOTES**

- ITEMS MARKED "GFE" ARE GOVERNMENT FURNISHED EQUIPMENT, ALL OTHER ITEMS CONTRACTOR FURNISHED.
- 1800 SERIES INDICATES COLOR/FINISH  
A.1800-BRONZE ANODIZED ALUMINIUM
- HARDWARE AND PARTS QUANTITIES AS REQUIRED (A/R) ARE BASED ON INDIVIDUAL FACILITY REQUIREMENTS. REF LOBBY LAYOUT.
- LOCK BOX SCREENLINE MATERIALS MAY VARY IN ACCORDANCE WITH LOCAL BUILDING CODES.
- ALL PARTS THAT ARE FIELD CUT, EDGES AND ADJACENT SURFACES TOUCHED UP WITH PAINT.
- LOCK BOX SCREENLINES IN NEW OR EXISTING CONSTRUCTION, DETERMINES FABRICATION AND MATERIALS OF CONSTRUCTION.
- WEATHERSTRIPPING "BLACK, 5/16" THICK x 3/8" WIDE WITH FABRIC IMPREGNATED BACK AND PRESURE SENSITIVE ADHESIVE ON ONE SURFACE. ITEM NC.5350 AS MANUFACTURED BY DURKER-ATWOOD CO. OR APPROVED EQUAL.
- SIGNAGE INSTALLED BY USPS.

**TABLE 1**  
SCHEDULE OF PANEL OPENINGS

NO. OF PANELS	FINISHED OPG.	ROUGH OPG.
1	2'-13/8"	2'-2 7/8"
2	4'-1 1/4"	4'-2 3/4"
3	6'-1 1/8"	6'-2 5/8"
4	8'-1"	8'-2 1/2"
5	10'-0 7/8"	10'-2 3/8"
6	12'-0 3/4"	12'-2 1/4"
7	14'-0 5/8"	14'-2 1/8"
8	16'-0 1/2"	16'-2"
9	18'-0 3/8"	18'-1 7/8"
10	20'-0 1/4"	20'-1 3/4"
11	22'-0 1/8"	22'-1 5/8"
12	24'-0"	24'-1 1/2"
13	25'-11 7/8"	26'-1 3/8"
14	27'-11 3/4"	28'-1 1/4"
15	29'-11 5/8"	30'-1 1/8"
16	31'-11 1/2"	32'-1"
17	33'-11 3/8"	34'-0 7/8"
18	35'-11 1/4"	36'-0 3/4"
19	37'-11 1/8"	38'-0 5/8"
20	39'-11"	40'-0 1/2"



**NOTES - (ALTERNATE PANELS)**

- PANELS AND RETAINERS USED WITH RACKS AND 1800 LOCK BOX INSTALLATIONS IN LIEU OF PANELS 1806, 1807 AND 1808
- PANEL CONSTRUCTION  
 A. 3/4" THICK CORE WOOD PARTICLE BOARD CS.236 TYPE I, GRADE B, CLASS 2, OR SOFT WOOD PLYWOOD PS 1.66 INTERIOR TYPE GRADE BB.  
 B. FINISH MATERIAL, PLASTIC LAMINATE GENERAL PURPOSE GRADE 1/16" THICK FORMICA ITEM 796 COLOR-BLACK SLATE, FINISH B, OR APPROVED EQUAL.  
 C. GLUE URAC185 AS MANUFACTURED BY AMER. CYANAMID OR APPROVED EQUAL.  
 D. LAMINATE GLUED AND PRESSED LEVEL WITH SURFACE FREE OF AIR BUBBLES.  
 E. WORKMANSHIP - ARCHITECTURAL WOODWORK INSTITUTE, CUSTOM GRADE.
- PAINT EXPOSED WOOD SURFACES, INCLUDING SAWCUT AND CUTOUT EDGES WITH SEMI-GLOSS BLACK PAINT AS MANUFACTURED BY GLIDDEN PAINT CO. OR APPROVED EQUAL.
- USE PANEL 18XXB IN LIEU OF 1806B IF VENDING MACHINE IS NOT AT SITE, PANEL 18XXB MODIFIED TO 1808B AFTER RECEIPT OF VENDING MACHINE.

**PROJECT NAME**  
REGIONAL STANDARD DRAWING

**STD. REVISION DATE**  
RFS-A-8

**STD. DRAWING NO.**  
SHEET 1 OF 2

**ARCHITECTS/ENGINEERS NAME**  
Lunz and Associates, Inc. ARCHITECTS

**DRAWING TITLE**  
LOCK BOX DETAILS

**DRAWING**  
DATE: 2/28/81

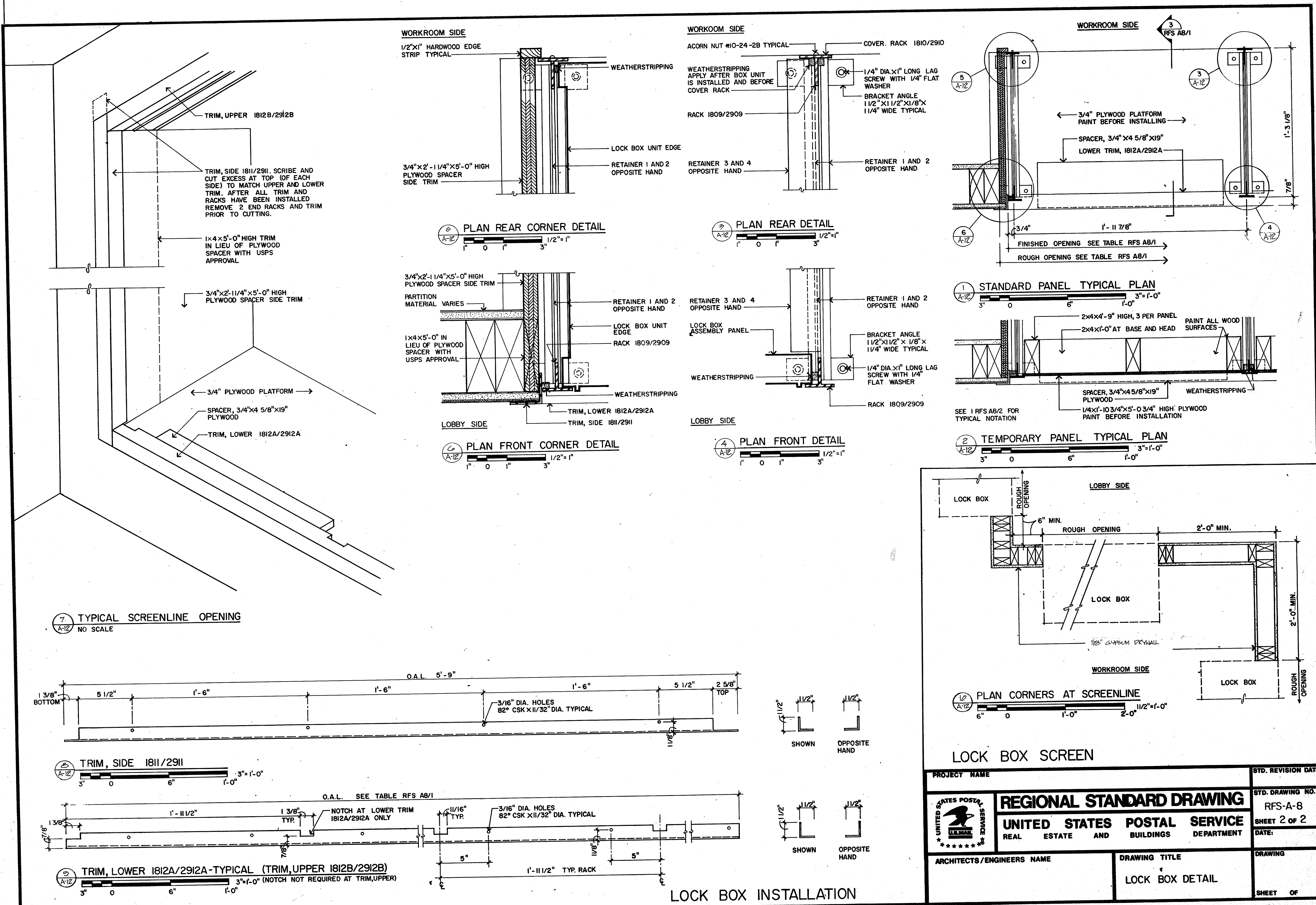
**SHEET OF**  
8721

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 5511 EXECUTIVE DRIVE, SUITE 133  
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**LOCK BOX DETAILS**  
 NEW MAIN POST OFFICE  
 DAVENPORT FLORIDA

**REVISION 2 ISSUED**  
 REVISION 1 ISSUED  
 ISSUED FOR CONSTRUCTION 2/28/81  
 ISSUED FOR APPROVAL 2/28/81  
 ISSUED FOR REVIEW  
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 CHECKED BY [Signature]  
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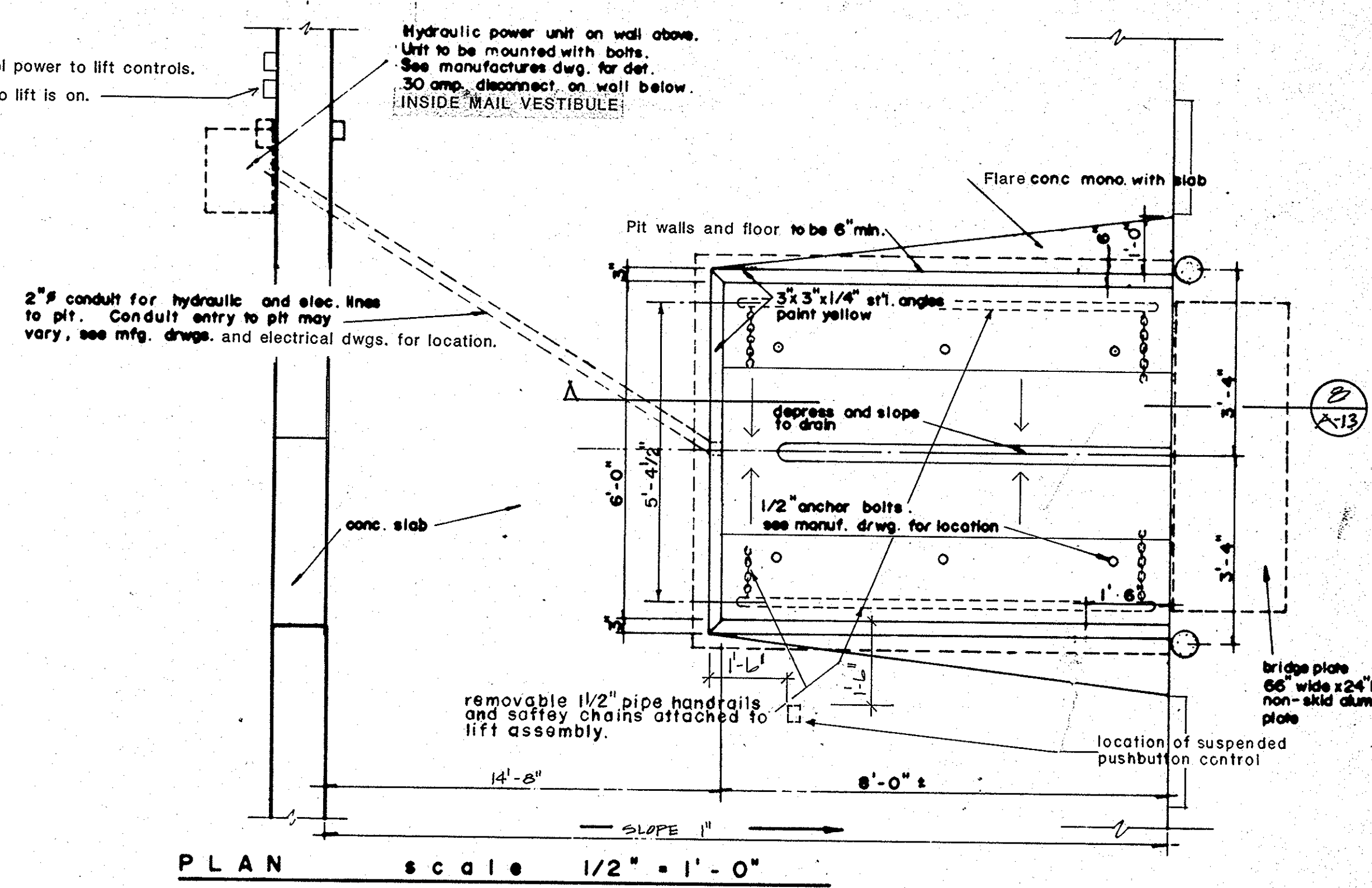
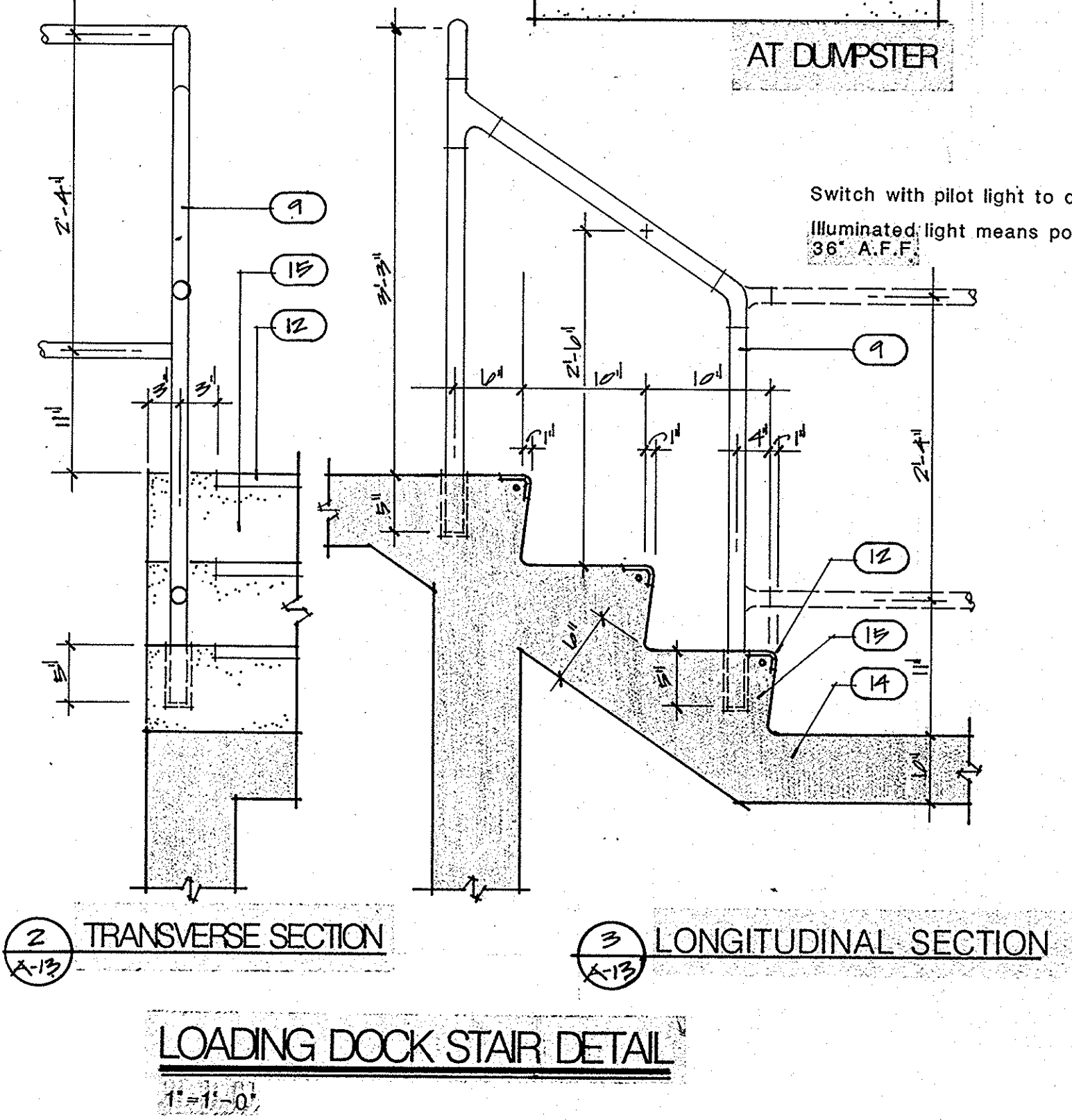
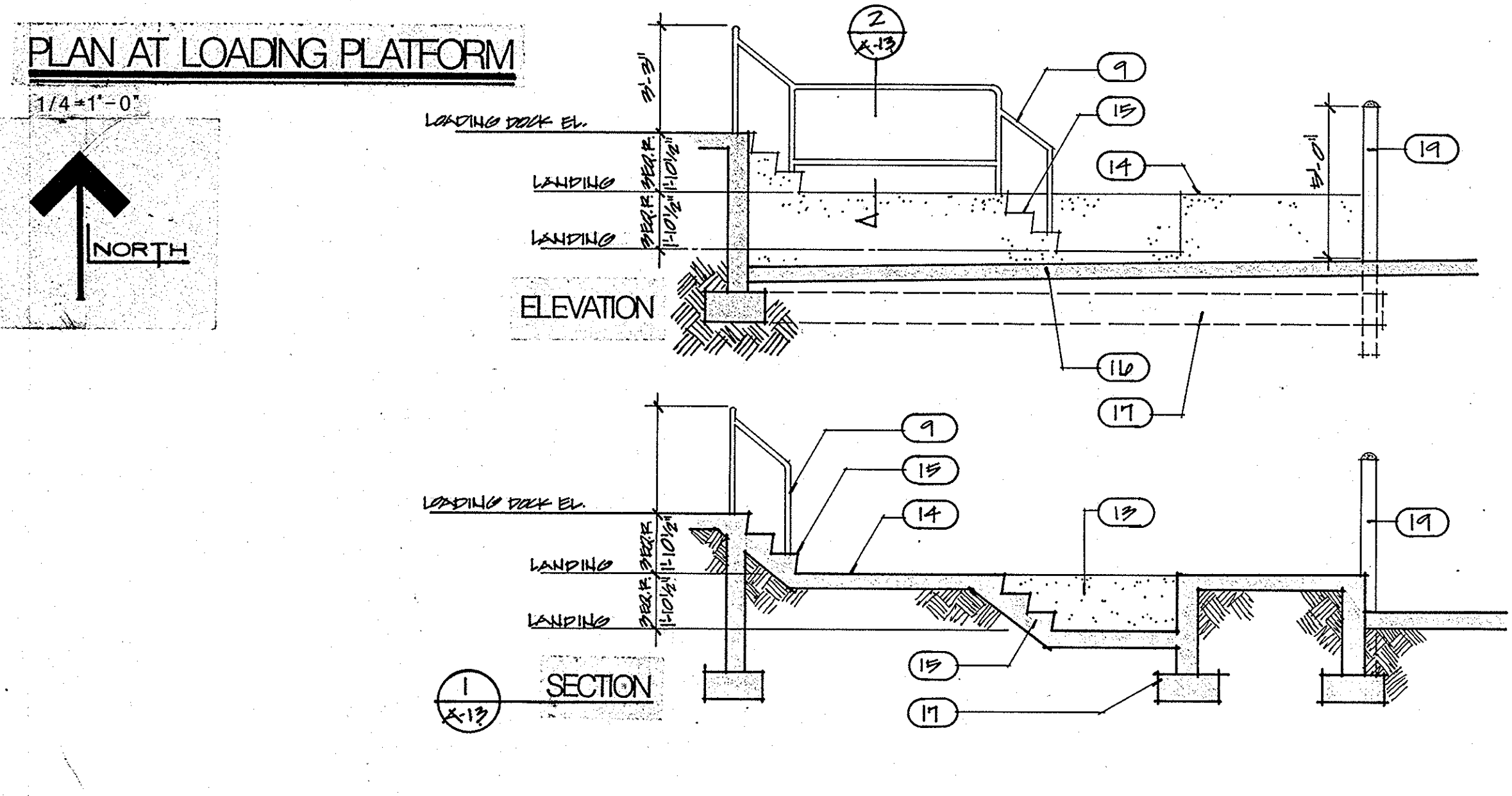
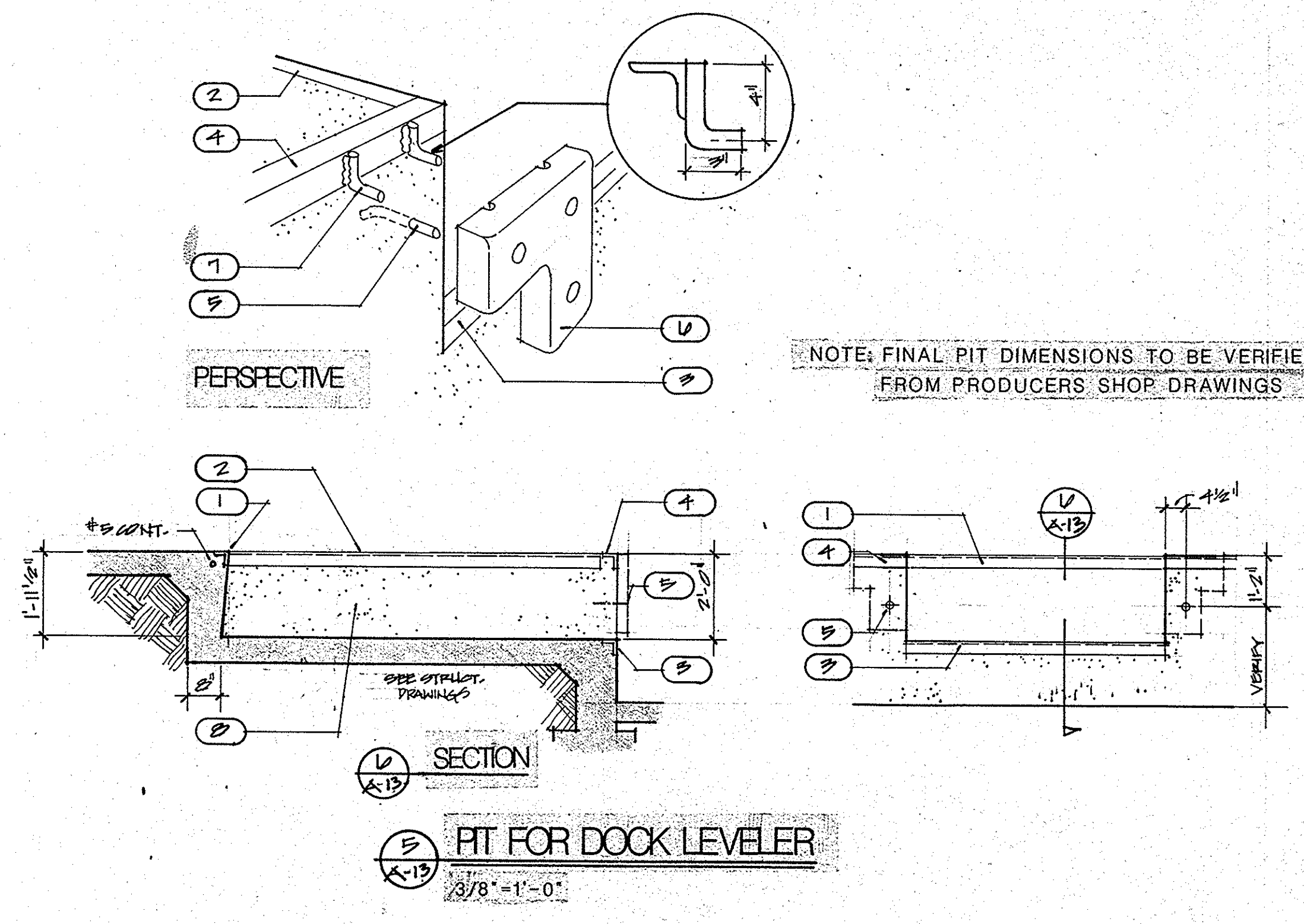
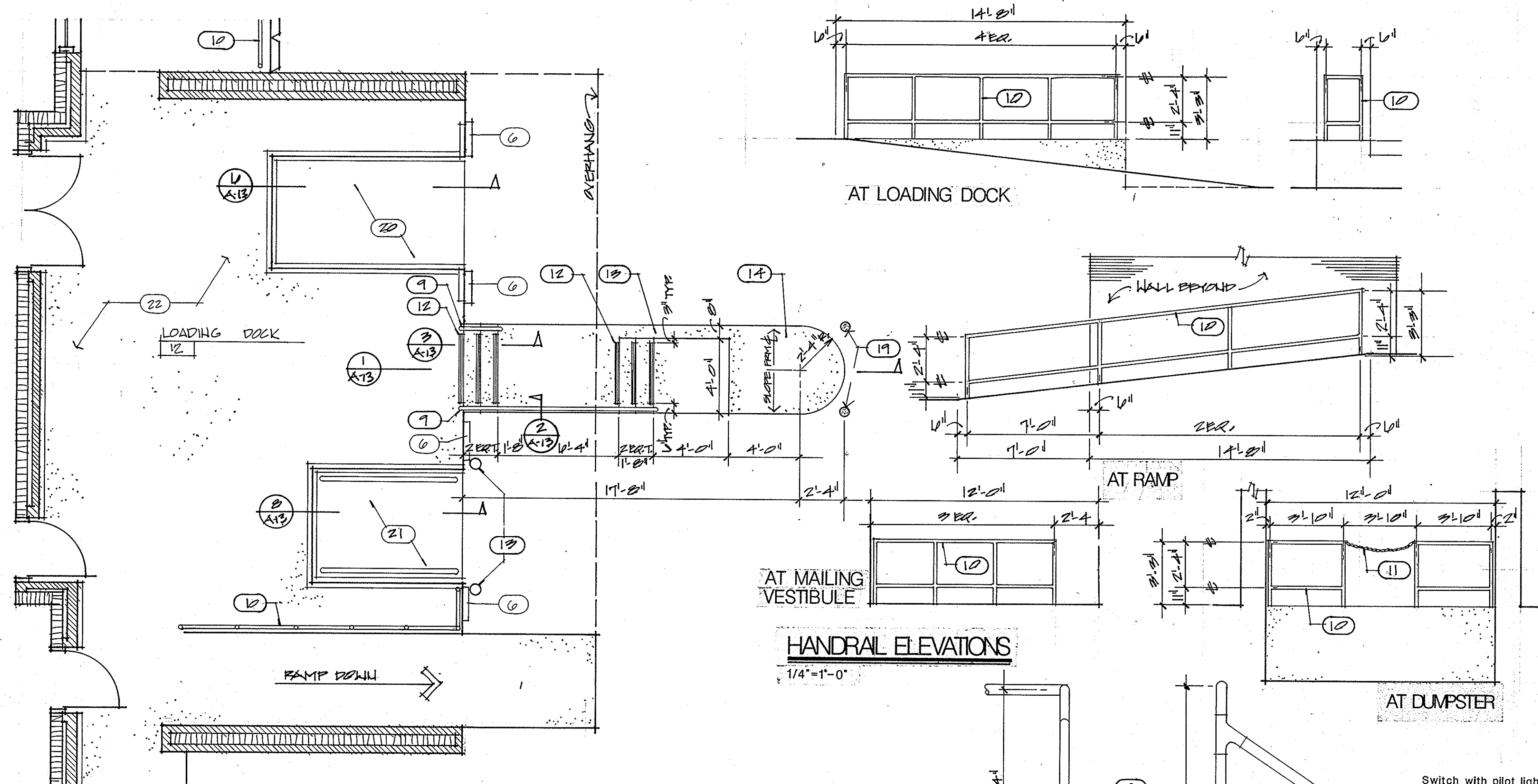




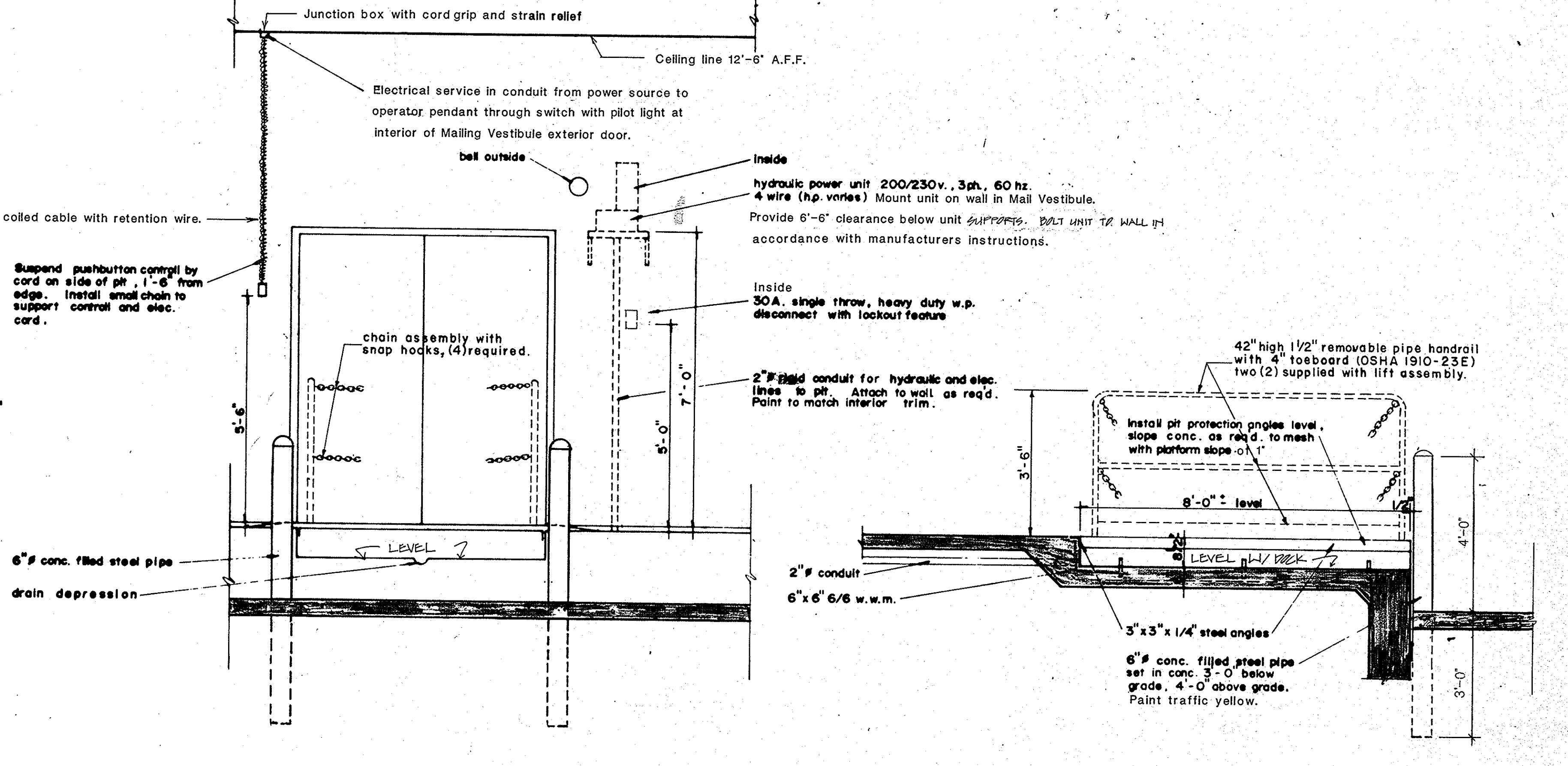
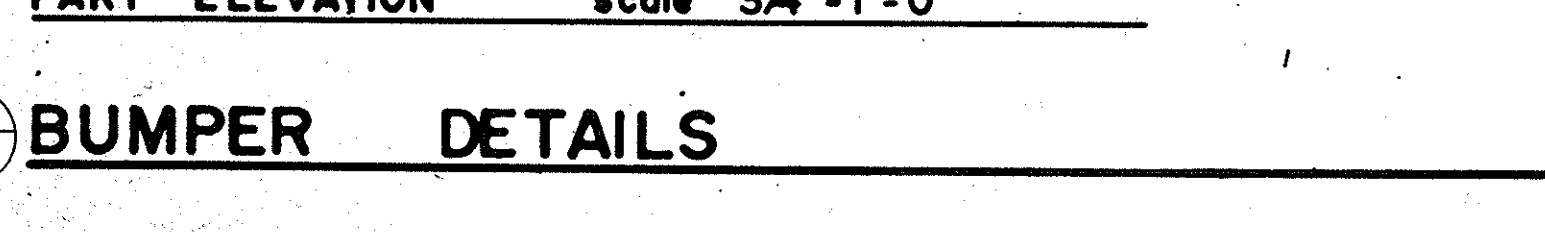
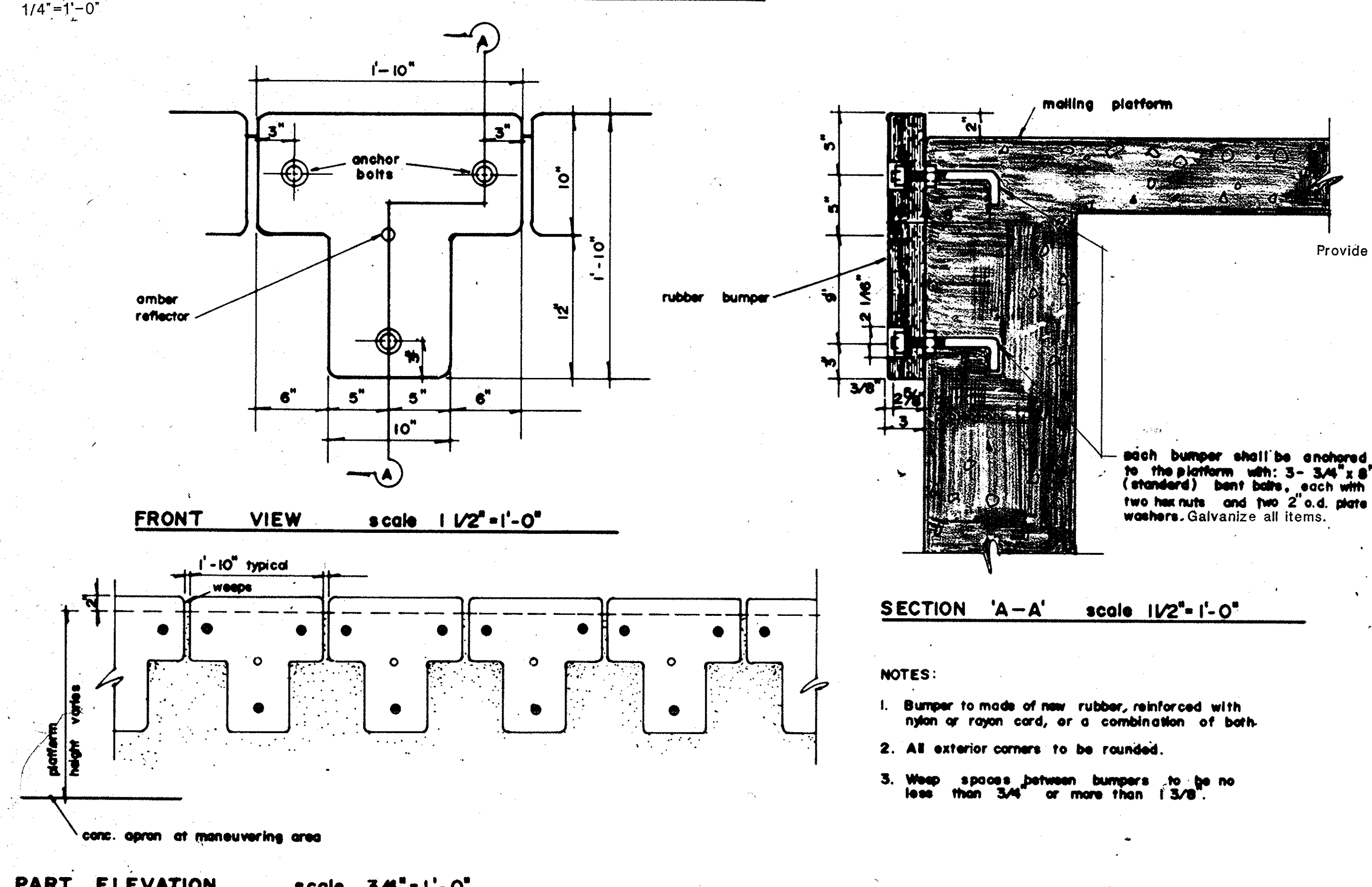
UNITED STATES POSTAL SERVICE FACILITIES SERVICE OFFICE 5511 EXECUTIVE DRIVE, SUITE 133 TAMPA, FLORIDA 33609-1001	
REVISION 2 ISSUED REVISION 17 ISSUED ISSUED FOR CONSTRUCTION 1/1/88 ISSUED FOR APPROVAL 2/2/87 ISSUED FOR REVIEW APPROVED BY: [Signature] CHECKED BY: [Signature] DRAWN BY: [Signature]	LOCK BOX DETAILS NEW MAIN POST OFFICE DAVENPORT FLORIDA Lunz and Associates, Inc. ARCHITECTS 44 LAKE MORTON DRIVE LAKELAND, FLORIDA 33601 (813) 692-1882 A-12 8721



- Rear curb angle 3"x3"x 1/4 x 80" long. One required. Weave 1/2" x 6" long anchors at 12" o.c. to inside.
- Side curb angle as item -1- only, 117" long. Two required.
- Front pit curb angle as item -1- only 72" long. One required.
- Bumper mounting angle as item -1- only 20" long, minimum. Two required. Insure dock face and angle are flush to achieve proper item -6- mounting.
- Bumper mounting bolt cast in dock wall. One per bumper. 3/4" x threaded 2" long, projecting 2 5/8" from dock face.
- "L" shaped bumper.
- 3/4" bumper mounting bolts welded in field to item -4-. Two per bumper.
- Rear pit wall to be square with dock floor. Reverse slope up to 1/2" is required.
- 1 1/2" I.D. round pipe handrail permanently grouted in place with sulphur cement or "hallemite". See spec # 556.
- 1 1/2" I.D. removable round pipe set in metal sleeve. See spec. # 556.
- Brass safety chain with hook hasps welded to railing at each end.
- Abrasive metal stair nosing cast into item -15-. See Spec. # 300.
- Abrasive metal stair nosing cast into item -15-. See Spec. # 300.
- 8" reinforced concrete wall and footing. See loading dock wall details on structural drawings.
- 6" concrete slab. See loading dock floor slab details on structural drawings.
- Concrete's steps on grade.
- Loading dock ramp.
- Footing for item -13-. See structural drawings.
- Retaining wall beyond.
- 6" O steel bollard. Embed in 12" O concrete foundation 3'-0" below top of pavement. Grout solid and wash top of bollard.
- Dock leveler, see specification section 1108 and details at 5/A-7.
- Scissors lift, see details at 7/A and Specifications section 1112.
- 9" REINFORCED CONC. SLAB (2000 P.S.I.) REINF. W/ 6#6 @ 18" ON CENTER



**RAILING AND STEPS FOR LOADING DOCK**  
1/4" = 1'-0"



UNITED STATES POSTAL SERVICE  
FACILITIES SERVICE OFFICE  
5511 EXECUTIVE DRIVE, SUITE 133  
TAMPA, FLORIDA 33609-1001

LOADING DOCK DETAILS  
NEW MAIN POST OFFICE  
DAVENPORT FLORIDA

Lunz and Associates, Inc.  
ARCHITECTS  
44 LAKE MORTON DRIVE  
LAKE HAVEN, FLORIDA 33801 (813) 682-1852

REVISION 2 ISSUED  
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DRAWN BY

REVISED 6/6/85, PRF.

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