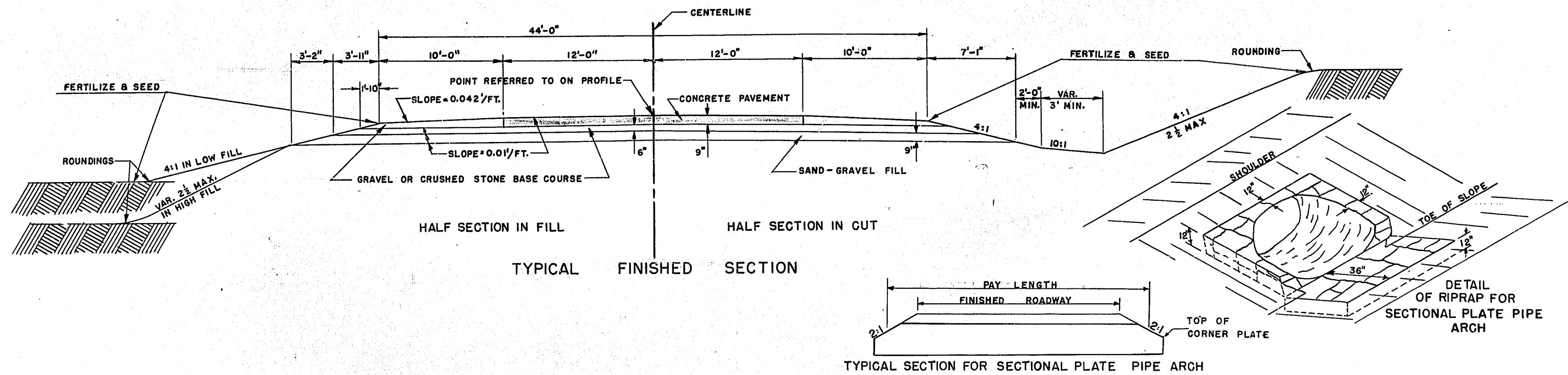




GENERAL NOTES

NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER

THE EXACT LOCATION OF PRIVATE ENTRANCES TO BE DETERMINED IN THE FIELD BY THE ENGINEER

SHRINKAGE VARIABLE ESTIMATED AT 25% TO 30%

ALL FILL SLOPES TO BE COVERED WITH 6" OF SELECTED EXCAVATION SUITABLE FOR PLANT GROWTH AND CUT SLOPES TO BE COVERED WITH 6" OF SALVAGED TOPSOIL

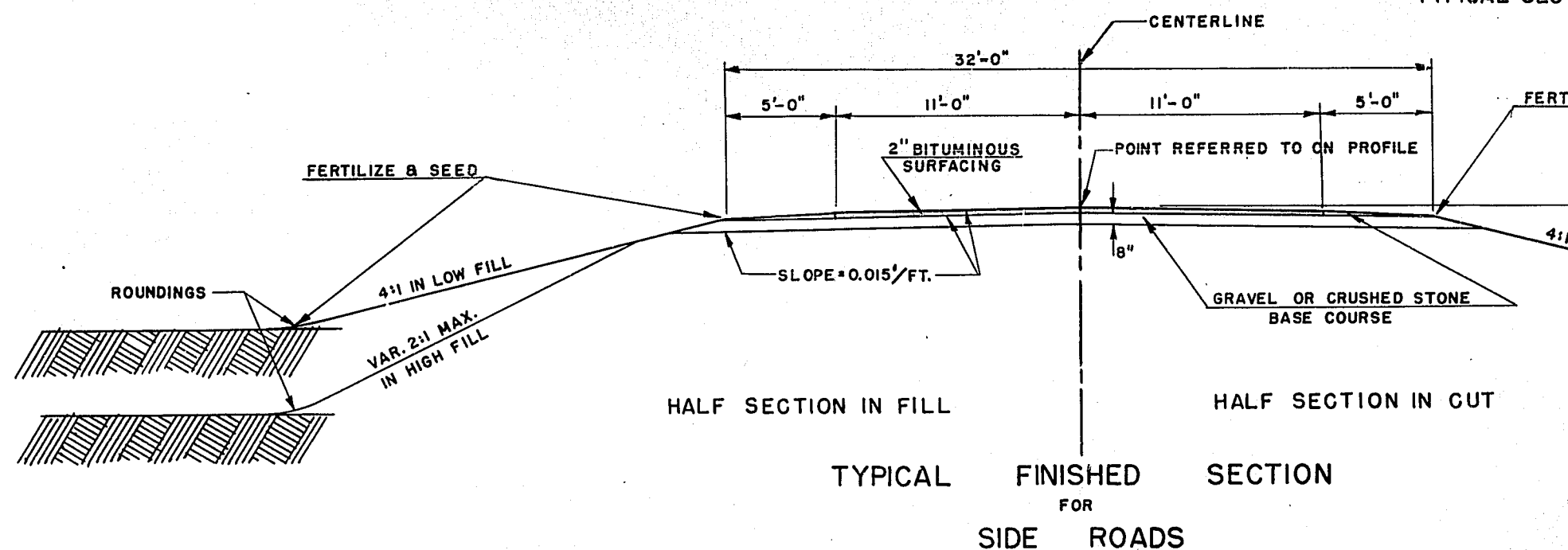
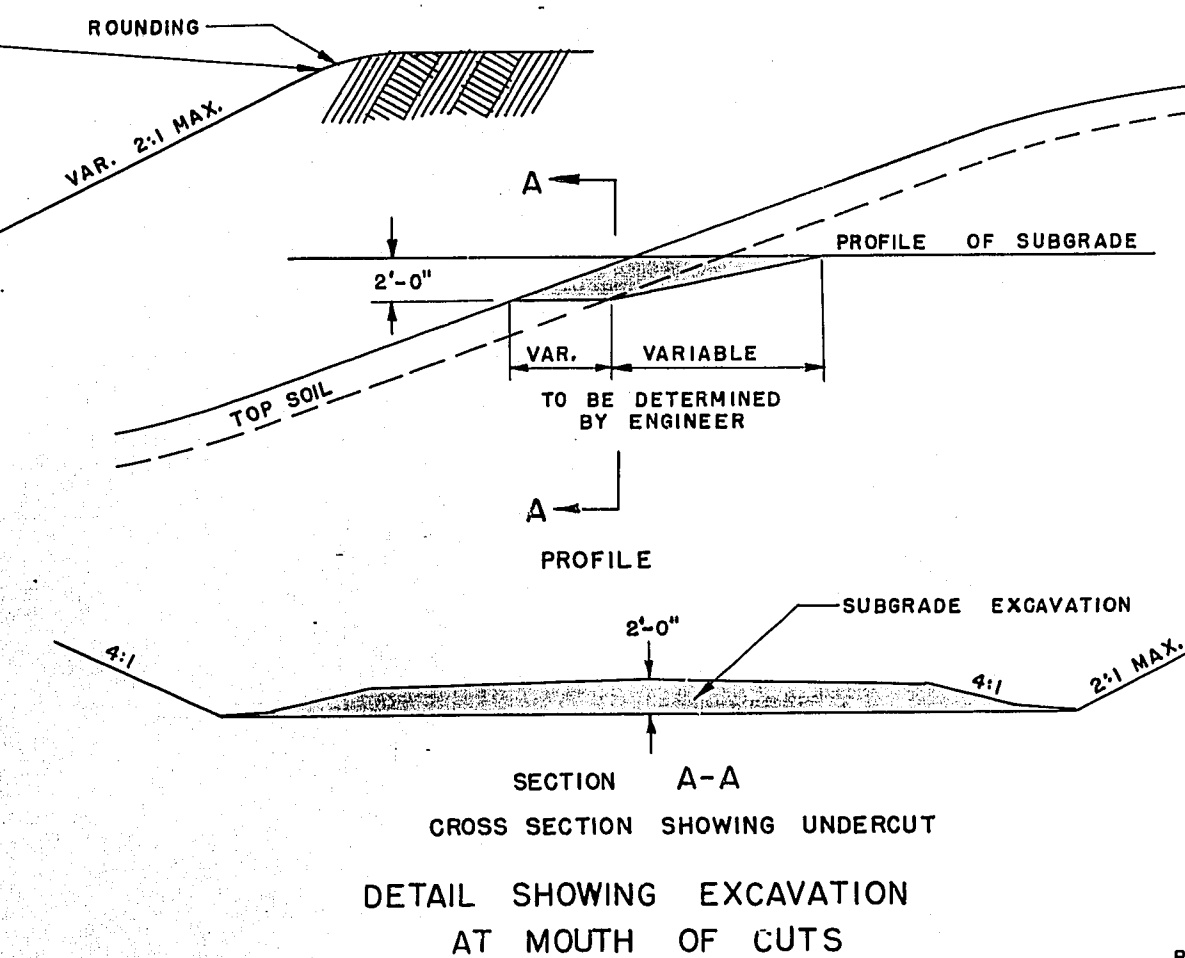
ALL OF THE RIGHT OF WAY EXCLUSIVE OF THE ROAD BED AND AREAS ALREADY COVERED WITH SUITABLE GRASSES SHALL BE FERTILIZED AND SEED

STANDARD ABBREVIATIONS

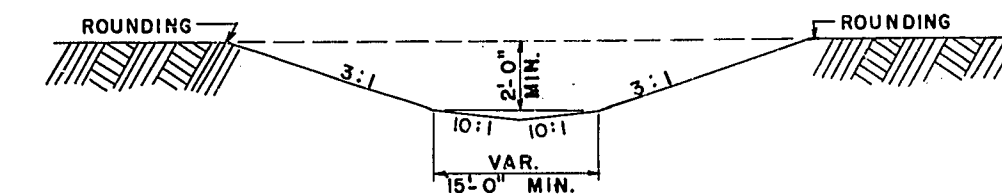
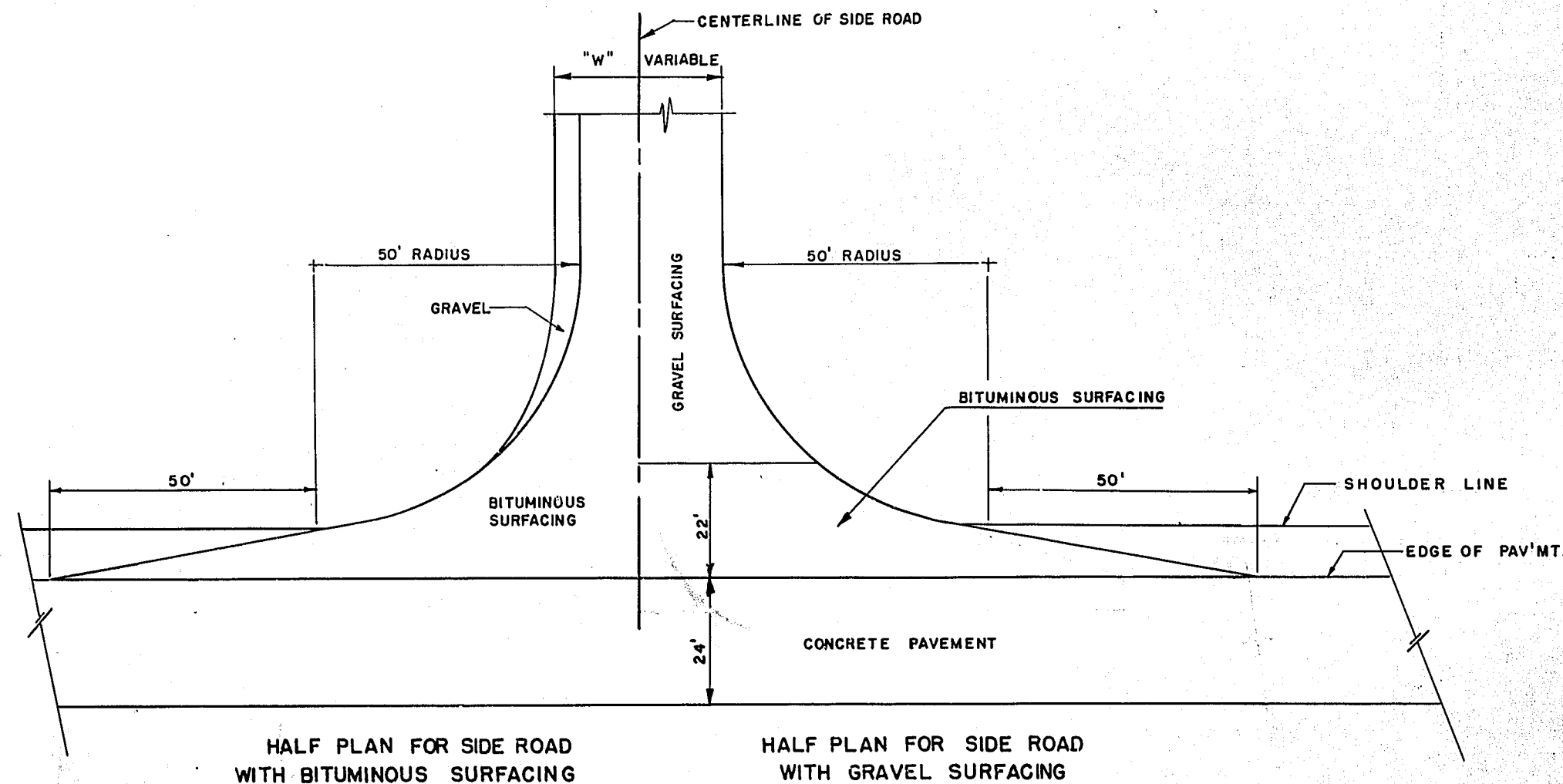
C = UNCLASSIFIED EXCAVATION
F = FILL

APPROVED DETAIL DRAWINGS ARE AS FOLLOWS

DETAIL	PLATE NO.
PIPE AND BOX CULVERTS - ABUTMENTS	1-2.1.1
PRIV. ENT. & SIDE ROAD APPR.	1-3.1.1
OBLITERATING OLD ROAD	1-4.1.1
INLETS	5-3.5.1
INLET COVERS	5-3.6.1
BRIDGE & R.R. APPR. PAV'T. DETAILS	2-2.1.8
CONCRETE CURB & GUTTER	3-1.1.3
TRANSVERSE JOINTS CONC. PAV'T.	4-4.2.7
LONGITUDINAL JOINTS CONC. PAV'T.	4-4.3.5
M.R.M., RIPRAP, OR MORTAR RIPRAP FOR CULVERT & CATTLE PASS ENDWALLS	6-2.4.1
MARKER POSTS	7-1.3.2
STEEL PLATE BEAM GUARD (CLASS) "B"	7-2.4.1
CONSTRUCTION BARRICADE	7-4.1.1
R.G.G.P. CATTLE PASS	6-6.1.1
RIPRAP AT S.R. CULVTS. & RIPRAP OR SOD AT P.E. CULVERTS	6-2.5.1
SECTIONAL PLATE PIPE ARCH	6-5.2.3
CABLE GUARD FENCE	7-2.3.3



NOTE: TYPE OF SURFACING TO MATCH EXISTING SURFACING

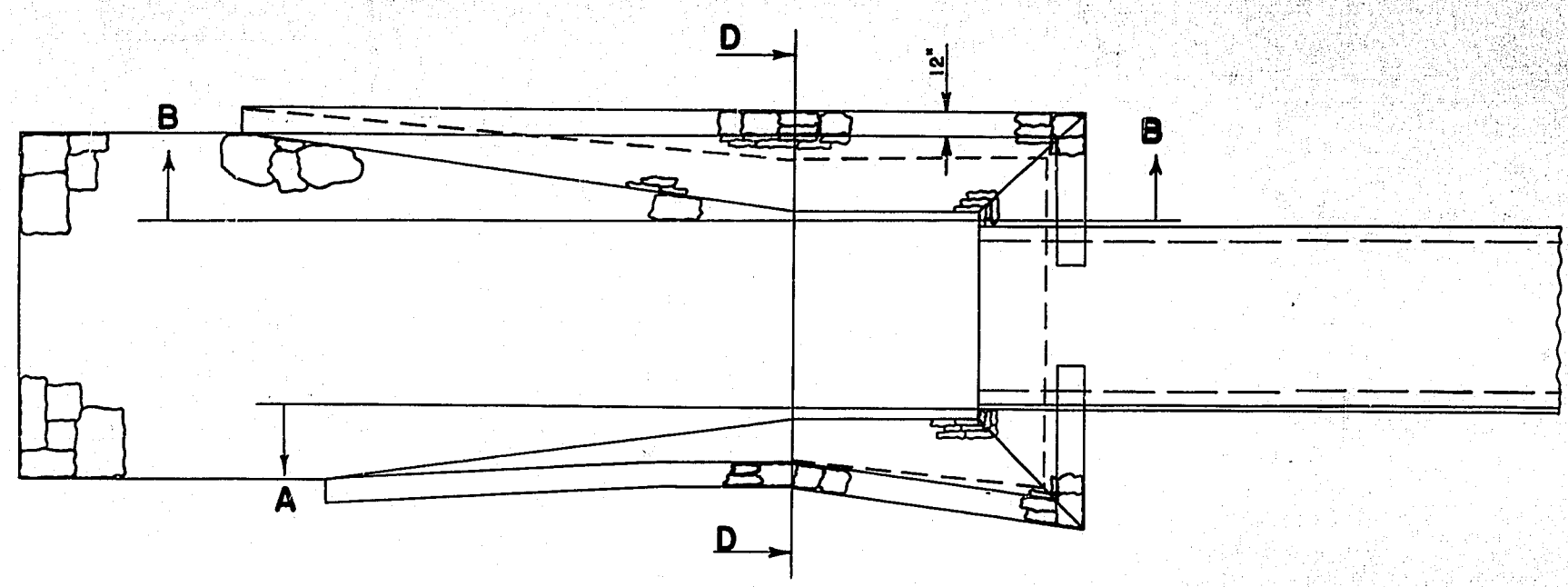


TYPICAL CROSS SECTION FOR

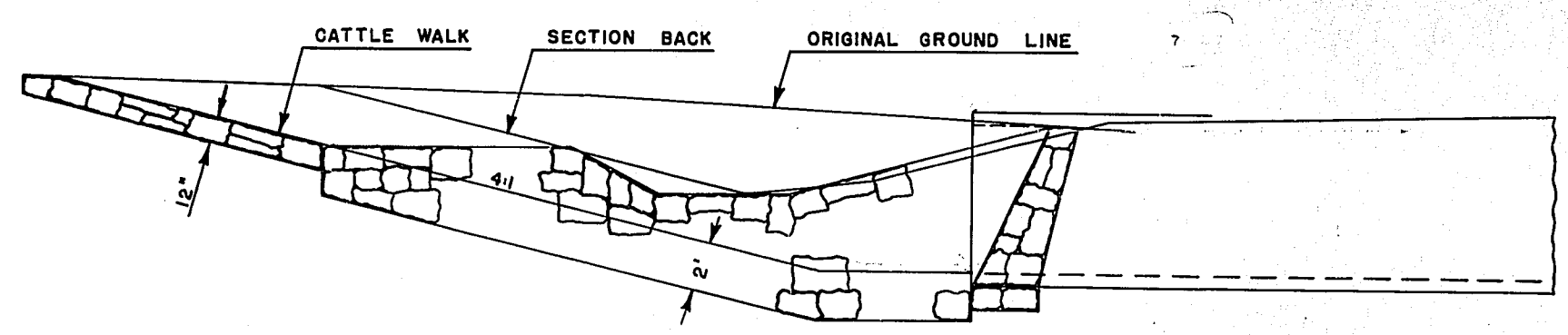
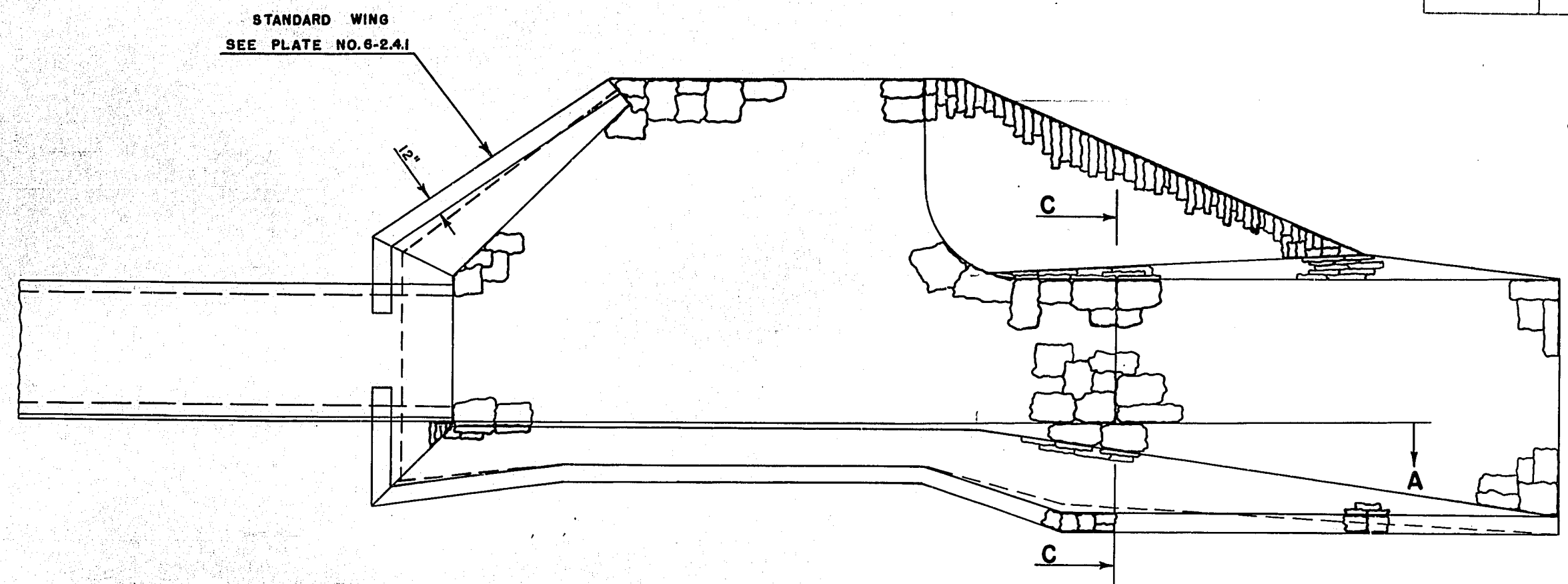
24 FT. CONCRETE PAVEMENT

SCALE

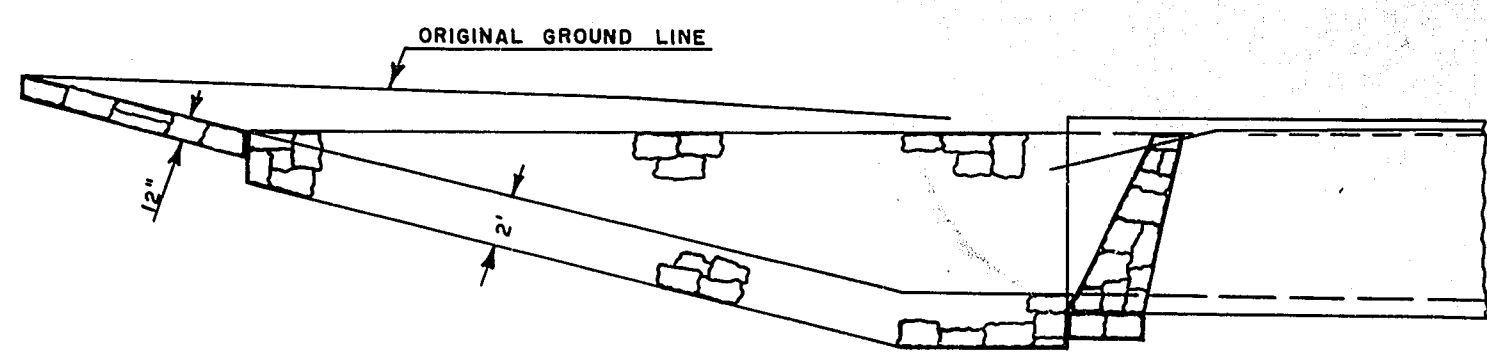
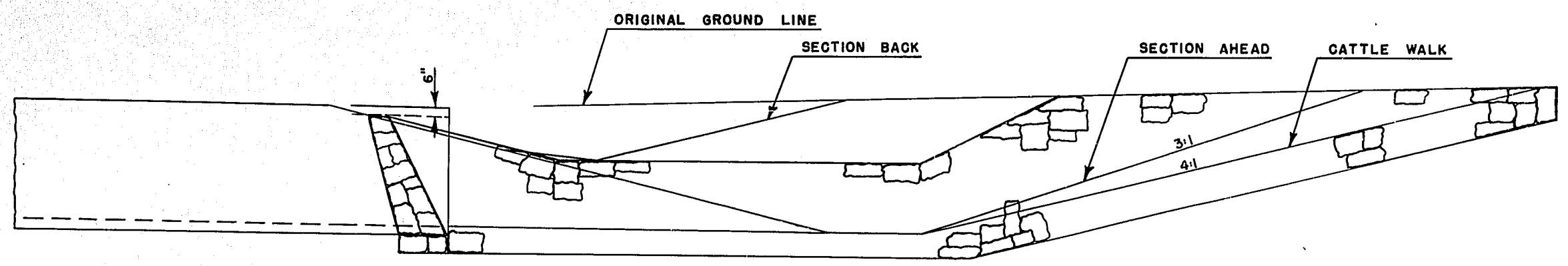
AS NOTED



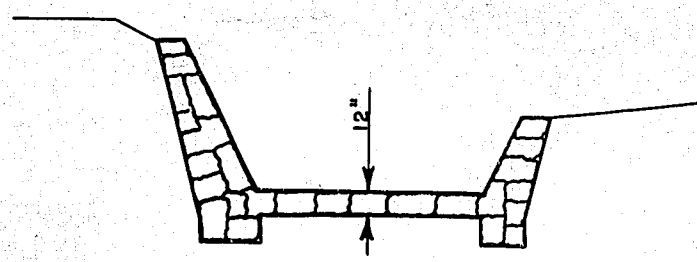
PLAN



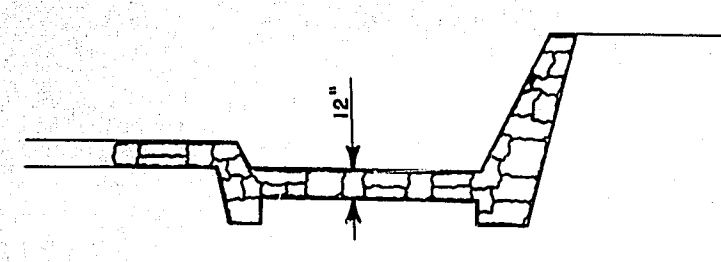
SECTION AA



SECTION BB



SECTION DD

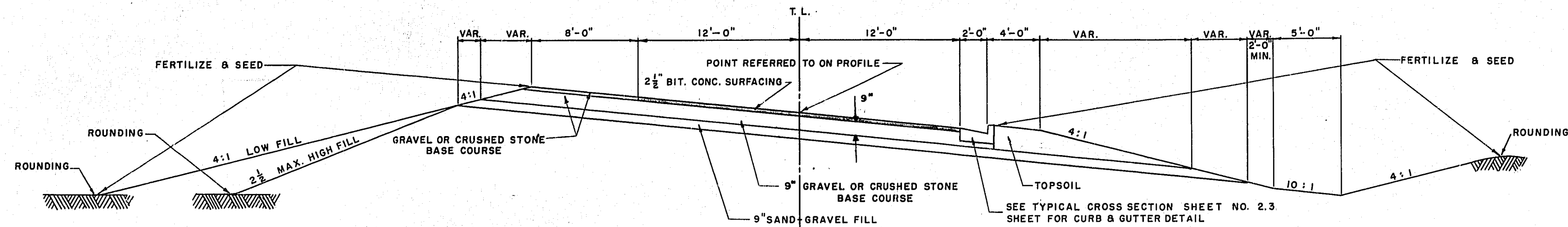


SECTION CC

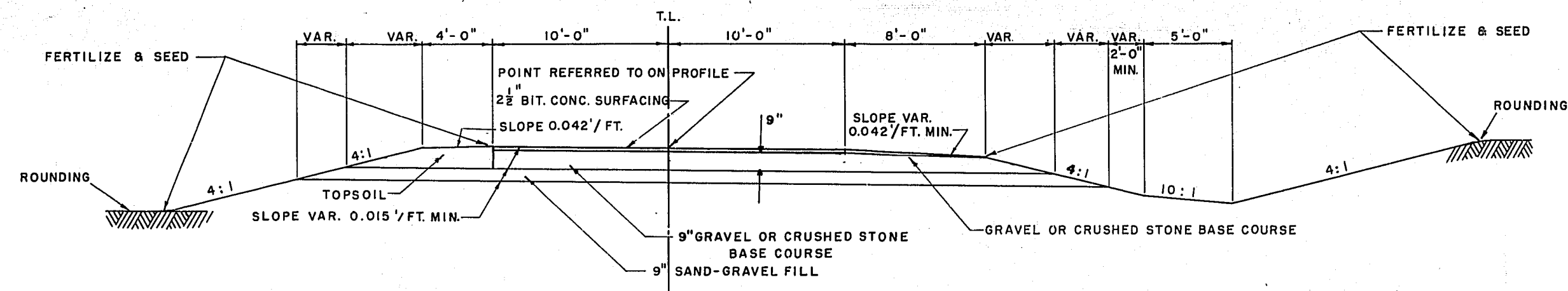
TYPICAL FOR SECTIONS
FOR
MORTAR RUBBLE MASONRY
CULVERT STA. 528+00

SCALE
0' 5' 10'

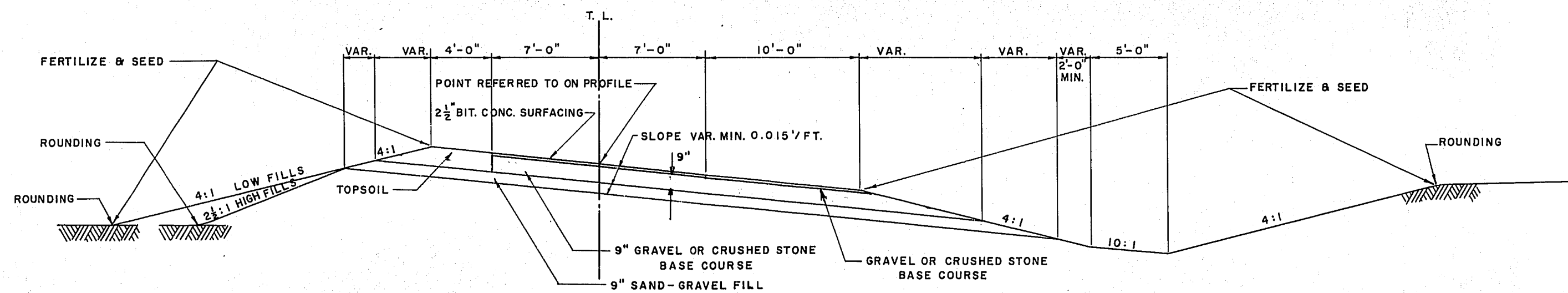
PROJECT	SHEET NUMBER	TOTAL SHEETS
FO17-3(8)	2.2	269



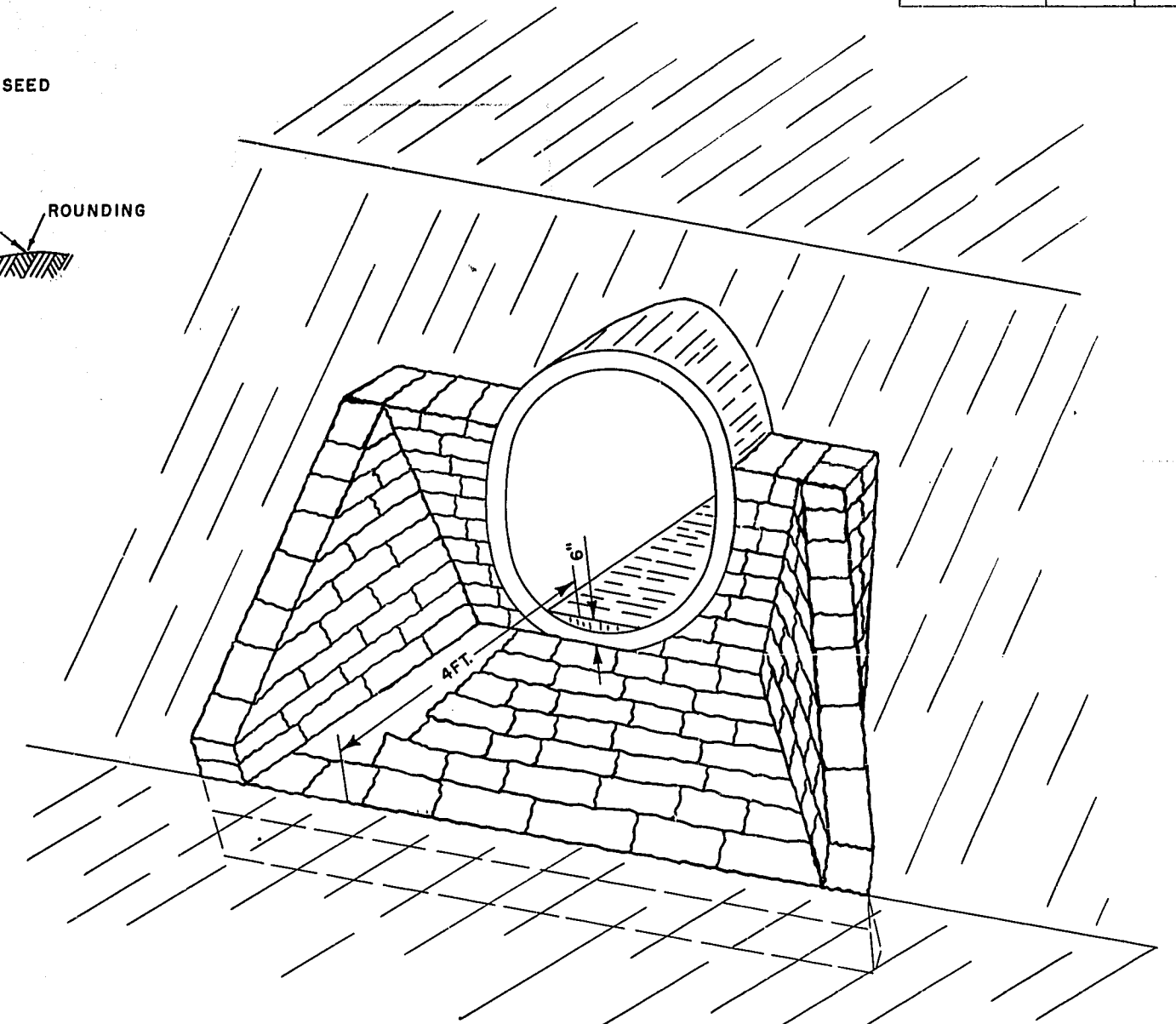
TYPICAL SUPERELEVATED SECTION FOR 24' PAVEMENT
WITH CURB & GUTTER



TYPICAL SECTION FOR 20' PAVEMENT



TYPICAL SECTION FOR 14' PAVEMENT



DETAIL OF MORTAR RUBBLE MASONRY
FOR
CATTLE PASS END WALLS

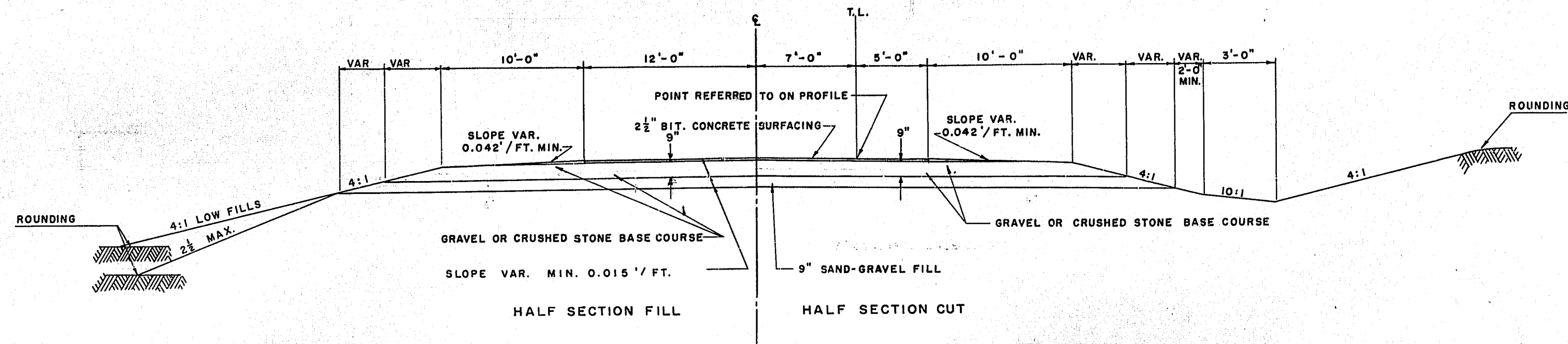
NOTE: FOR DETAIL DIMENSIONS SEE PLATE NO. 6-2.4.1

WHEN CATTLE PASS IS ALSO USED AS A DRAINAGE
STRUCTURE THE MORTAR RUBBLE MASONRY APRON SHOULD
BE FLUSH WITH FLOW LINE OF PIPE.

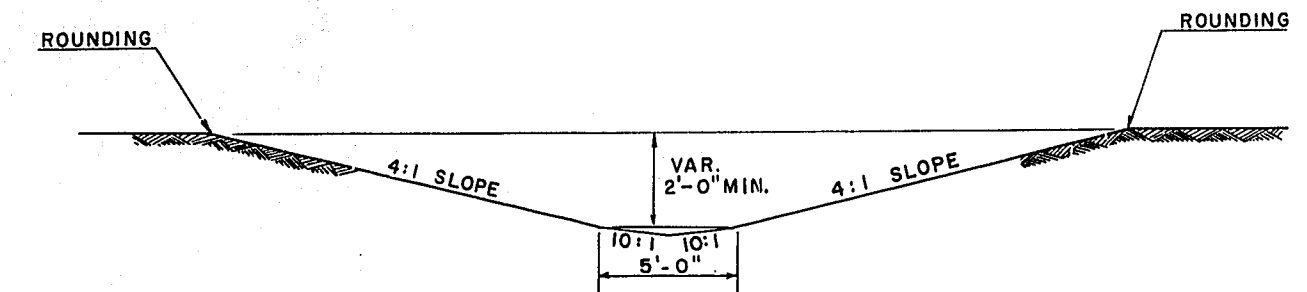
TYPICAL CROSS SECTION
FOR

U. S. H. 151 & 41 INTERCHANGE

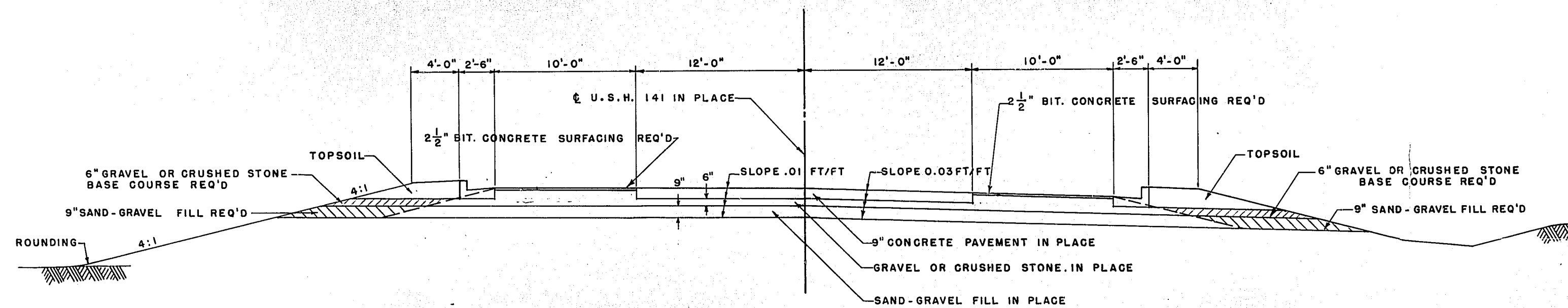
SCALE AS NOTED



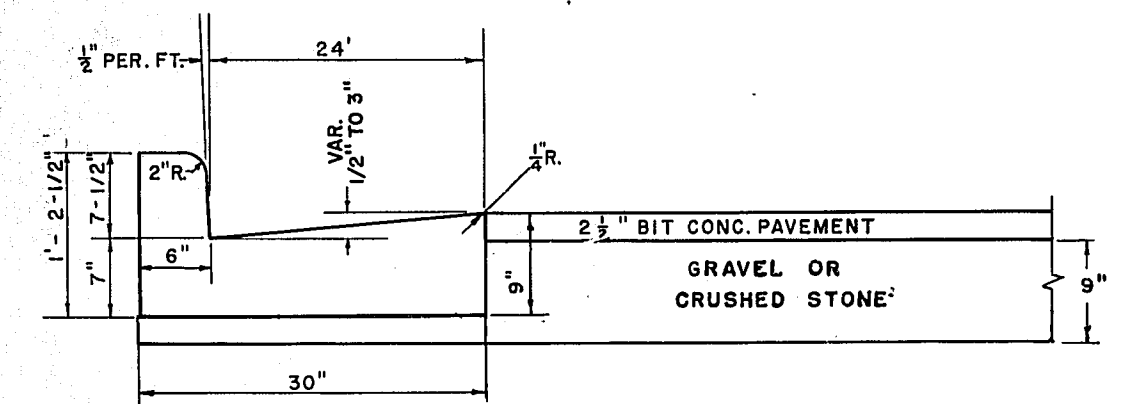
TYPICAL SECTION FOR 24' PAVEMENT



TYPICAL SECTION OF DRAINAGE DITCH



TYPICAL SECTION FOR U.S.H. 41



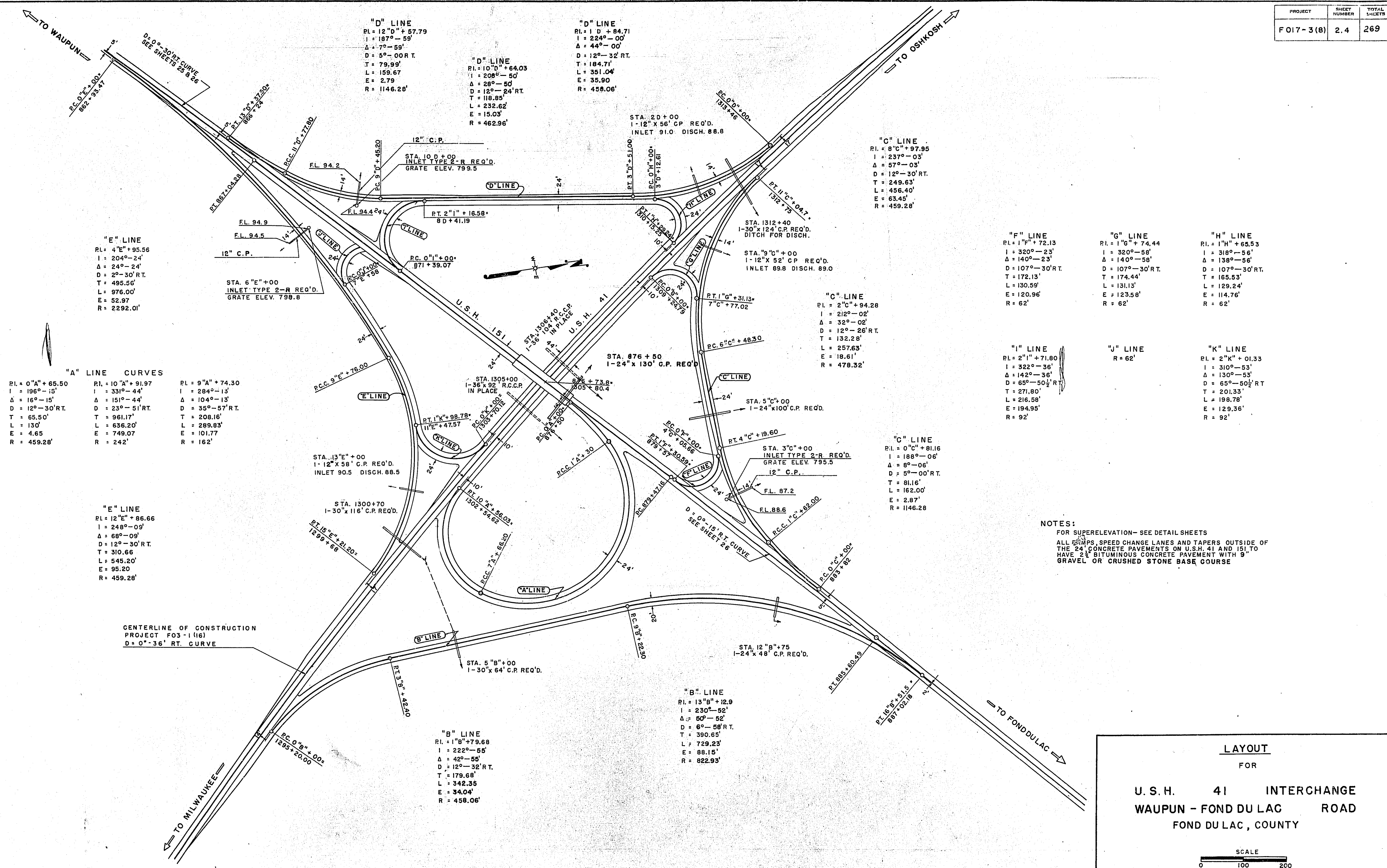
CURB AND GUTTER DETAIL

TYPICAL CROSS SECTION
FOR

U. S. H. 151 & 41 INTERCHANGE

SCALE AS NOTED

PROJECT	SHEET NUMBER	TOTAL SHEETS
F 017-3(8)	2.4	269



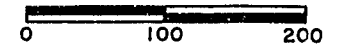
NOTES:
FOR SUPERELEVATION- SEE DETAIL SHEETS
ALL RAMP, SPEED CHANGE LANES AND TAPERS OUTSIDE OF
THE 24' CONCRETE PAVEMENTS ON U.S.H. 41 AND 151, TO
HAVE 2" BITUMINOUS CONCRETE PAVEMENT WITH 9"
GRAVEL OR CRUSHED STONE BASE COURSE

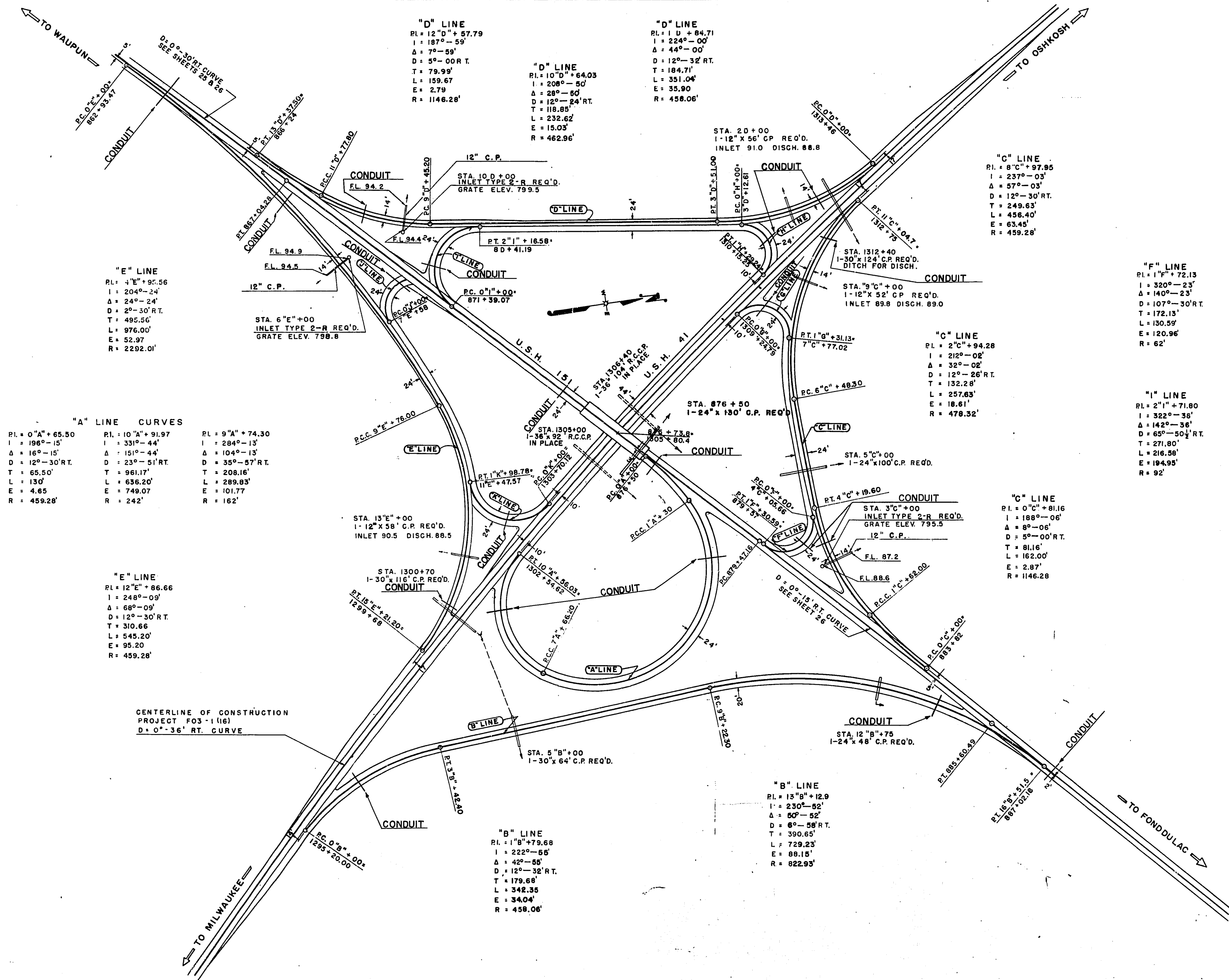
LAYOUT

FOR

U. S. H. 41 INTERCHANGE
WAUPUN - FOND DU LAC ROAD
FOND DU LAC, COUNTY

SCALE





U.S.H. 41-U.S.H. 151 INTERCHANGE		
2 INCH GALVANIZED IRON CONDUIT		
LOCATION	STATION	LENGTH (FT.)
U.S.H. 151 MAIN LINE	864 + 00	30
	874 + 20	30
	876 + 60	35
	887 + 20	30
RAMPS IN N.W. QUADRANT	10+00 + 75	16
	1+00 + 30	16
	1+00 + 00	30
	0+00 + 70	30
RAMPS IN N.E. QUADRANT	2+00 + 75	16
	0+00 + 75	30
	10+00 + 00	16
	0+00 + 65	30
RAMPS IN S.W. QUADRANT	4+00 + 25	16
	1+00 + 75	30
	14+00 + 00	16
	1+00 + 00	30
RAMPS IN S.E. QUADRANT	1+00 + 50	22
	14+00 + 00	22
	2+00 + 00	30
	9+00 + 25	30

LAYOUT
FOR
GALVANIZED IRON CONDUIT
U. S. H. 41 INTERCHANGE
WAUPUN - FOND DU LAC ROAD
FOND DU LAC, COUNTY

SCALE
0 100 200

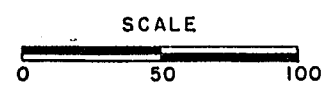
FINISHED GRADE ELEVATIONS

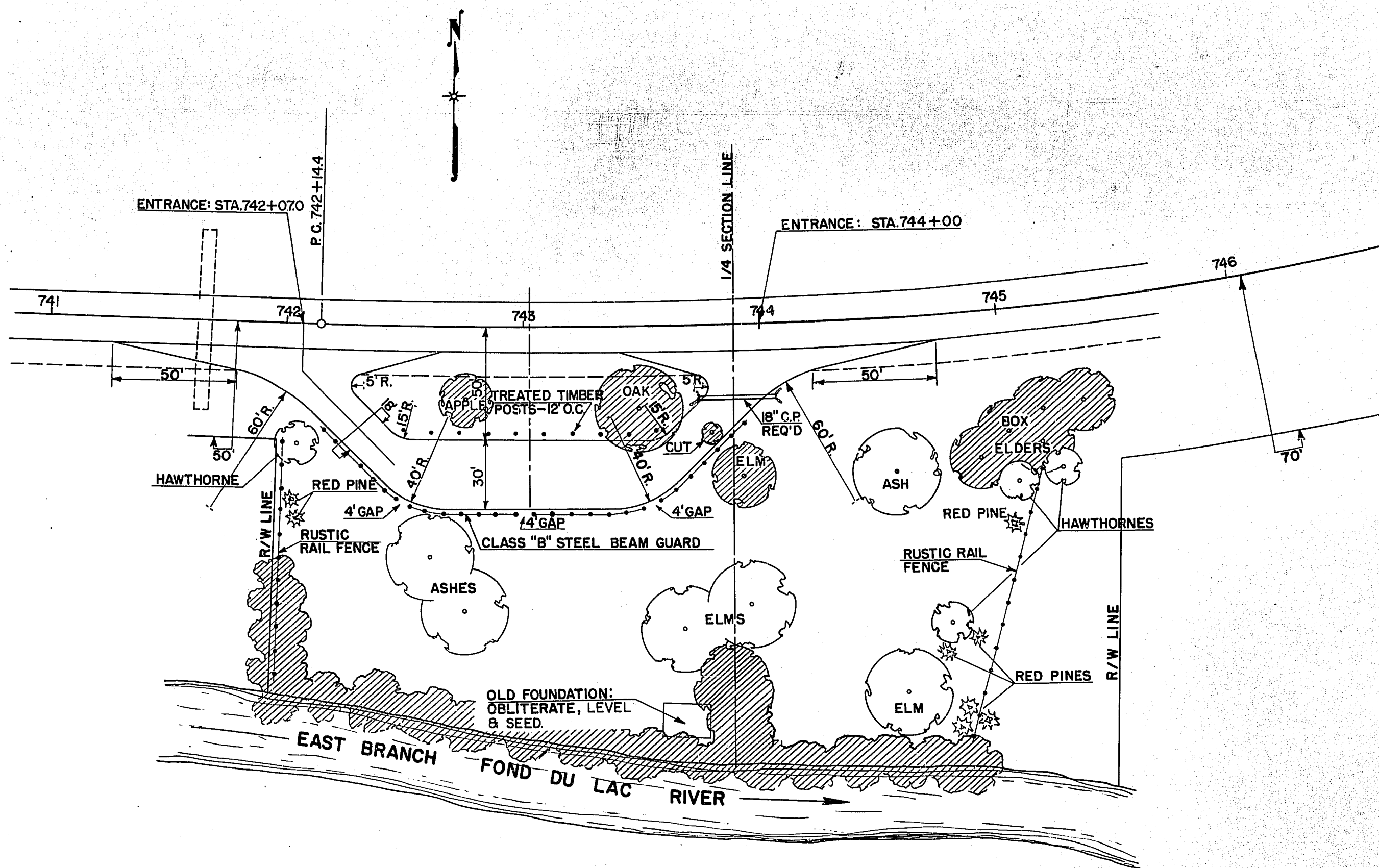
RAMP "D"				RAMP "E"			
STA.	LEFT EDGE	℄	RIGHT EDGE	STA.	LEFT EDGE	℄	RIGHT EDGE
0"D+00			793.70	0"E+00			797.11
+50			93.26	+50			97.30
1"D+00	794.53		93.13	1"E+00			97.55
+50	94.63		93.23	+50			97.71
2"D+00	94.94		93.54	2"E+00			97.78
+50	95.48		94.08	+50			97.81
3"D+00	95.63	796.22	94.88	3"E+00			97.90
+50	97.02	97.20	96.37	+50			98.08
4"D+00	98.30	98.40	98.15	4"E+00	798.91		98.21
+50	99.55	99.67	99.55	+50	99.22		98.52
5"D+00	800.63	800.75	800.63	5"E+00	99.69		98.99
+50	01.52	01.64	01.52	+50	800.30		99.60
6"D+00	02.24	02.36	02.24	6"E+00	01.10		800.40
+50	02.78	02.90	02.78	+50	01.80		01.10
7"D+00	03.18	03.30	03.18	7"E+00	02.30		01.60
+50	03.40	03.52	03.40	+50			01.90
8"D+00	03.45	03.57	03.48	8"E+00	02.57	802.66	02.01
+50		03.47	03.24	+50	02.76	02.52	01.92
9"D+00	03.18		02.66	9"E+00	02.63	02.17	01.57
+50	02.72		01.74	+50	02.18	01.58	800.87
10"D+00	02.10		00.70	10"E+00	01.38	00.80	799.87
+50	01.37		799.97	+50	00.18	799.78	98.57
11"D+00	00.60		99.20	11"E+00	798.65	98.53	97.28
+50	799.99		98.76	+50		97.32	95.96
12"D+00			99.10	12"E+00			94.95
+50			99.10	+50			95.60
13"D+00			99.00	13"E+00			93.68
				+50			93.36
				14"E+00			93.27
				+50			93.35
				15"E+00			93.73

FINISHED GRADE ELEVATIONS

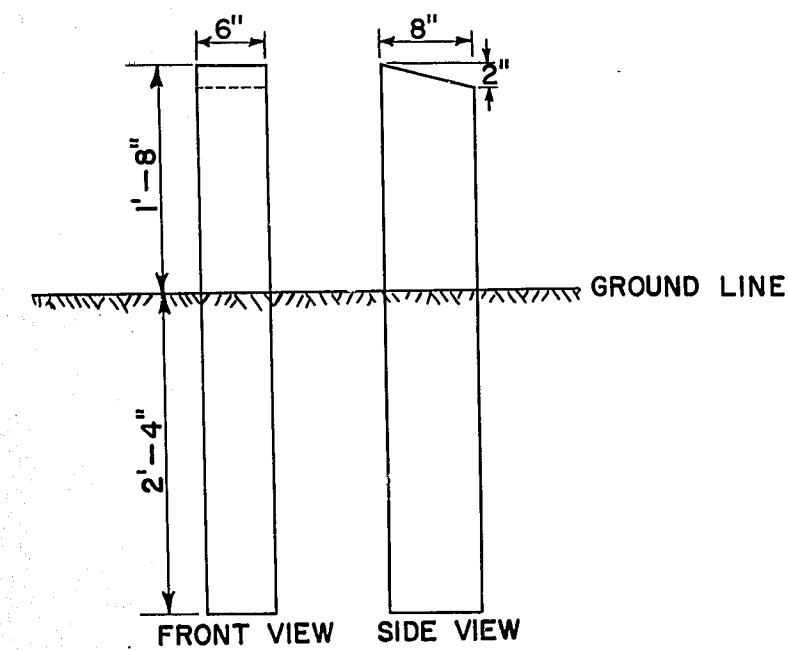
RAMP "C"			
STA.	LEFT EDGE	℄	RIGHT EDGE
0"C+00			789.01
+50			89.98
1"C+00			91.10
+50			92.24
2"C+00	794.57		93.39
+50	96.32		94.92
3"C+00	97.92		96.52
+50	98.88		97.69
4"C+00	99.19	799.27	98.38
+50	99.00	99.12	98.62
5"C+00	98.41	98.55	98.41
+50	97.83	97.94	97.83
6"C+00	97.24	97.36	97.18
+50	96.64	96.76	95.83
7"C+00	96.04	96.16	94.76
+50	95.45	95.56	94.16
8"C+00	94.98		93.58
+50	94.45		93.05
9"C+00	94.10		92.70
+50	93.90		92.50
10"C+00	93.85		92.45
+50	94.00		92.70
11"C+00			93.51

DETAIL FOR U. S. H. 41 INTERCHANGE

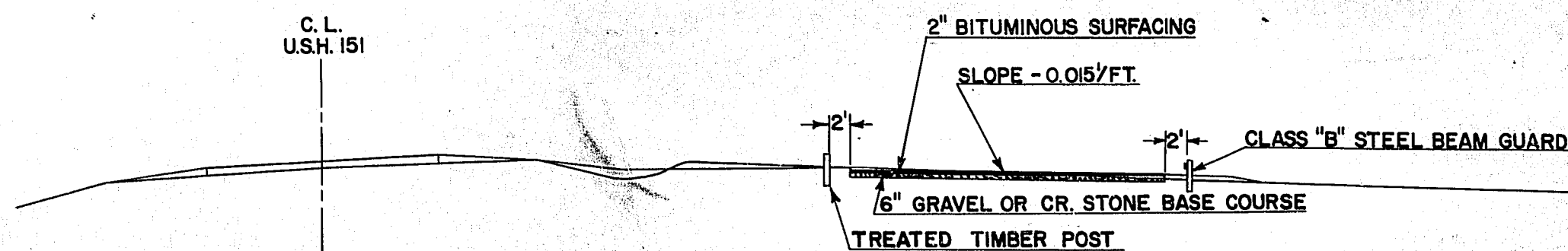




WAYSIDE DETAIL
SEE SHEET 3B FOR QUANTITIES



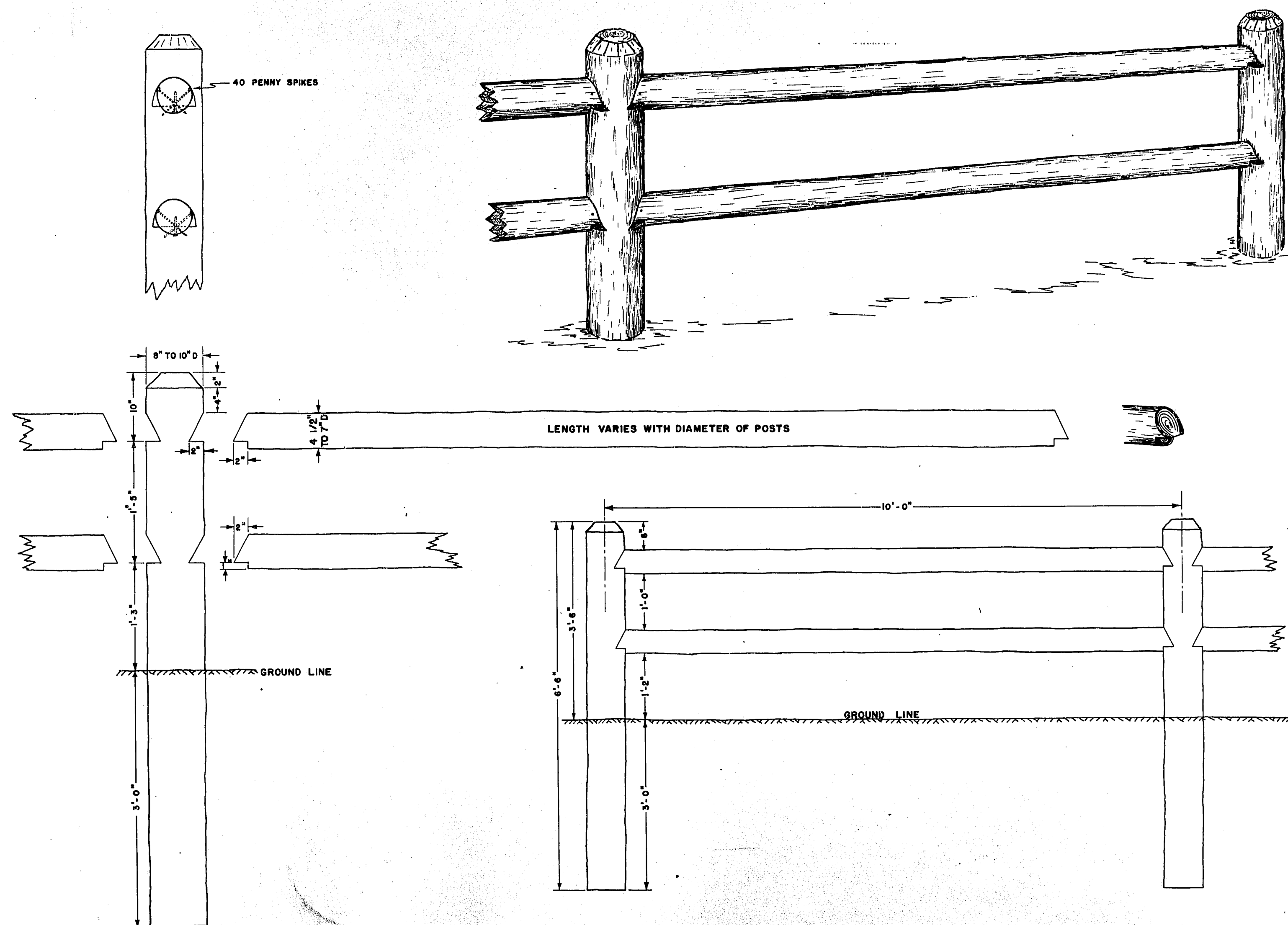
DETAIL
TREATED TIMBER POST



TYPICAL SECTION

PROPOSED WAYSIDE LAYOUT & DETAILS

FOR
PROJECT F 017-3(8)
AUX. 6.1
STA. 741+98 TO STA. 744+54.4
USH 151
WAUPUN—FOND DU LAC RD.
FOND DU LAC COUNTY



GENERAL NOTES

DIMENSIONS SHOWN ARE NOMINAL.

POSTS AND RAILS SHALL BE FROM ONE OF THE FOLLOWING SPECIES: NORTHERN WHITE CEDAR, SOUTHERN YELLOW PINE, NORWAY PINE, WHITE PINE, WHITE OAK.

POSTS AND RAILS SHALL BE SOUND AND WELL-SEASONED, SHALL NOT SHOW EVIDENCE OF EXCESSIVE CHECKING, SHALL BE FREE FROM SAP ROT, AND BUTT ROT SHALL NOT EXCEED 5% OF THE AREA OF THE BUTT.

POSTS AND RAILS SHALL BE REASONABLY STRAIGHT, FREE FROM SHORT KINKS AND EXAGGERATED TWIST. THEY SHALL BE PEELED, KNOTS CLOSELY TRIMMED, AND SHAVED TO THE WHITE.

NOTCHES IN POSTS AND RAIL ENDS SHALL BE CUT WITH SAW TO INSURE CLOSE FITTING. CAPS OF POSTS MAY BE SHAPED BY AXE. RAILS MUST NOT BE PREFABRICATED.

RAIL SHALL BE FASTENED TO POST WITH 40 PENNY GALVANIZED OR CADMIUM PLATED SPIKES DRIVEN WITH CARE TO PREVENT SPLITTING.

THE LOWER 3'-6" OF THE POSTS SHALL BE DIPPED IN CREOSOTE OIL FOR A PERIOD OF NOT LESS THAN 10 MINUTES.

THE ABOVE GROUND PORTION OF THE FENCE SHALL BE GIVEN TWO COATS OF A DARK BROWN WOOD PRESERVATIVE STAIN CONSISTING OF KEROSENE OR FUEL OIL CONTAINING 5% BY WEIGHT OF PENTACHLOROPHENOL AND ONE POUND OF GILSONITE PER GALLON OF SOLVENT.

THE DIAMETERS OF THE POSTS AND RAILS TO BE USED SHALL BE IN PROPORTIONATE SCALE WITHIN THE LIMITS SHOWN. WHEN THE SIZE OF THE POSTS APPROACH THE MAXIMUM DIAMETER SHOWN, THE RAILS TO BE USED SHALL APPROACH THE MAXIMUM DIAMETER SHOWN.

STATE HIGHWAY COMMISSION OF WISCONSIN

STANDARD DESIGN — RUSTIC RAIL FENCE

RECOMMENDED FOR APPROVAL:

DATE: 1-17-1965

R. L. Williams
ENGINEER, WAYSIDES AND LANDSCAPING

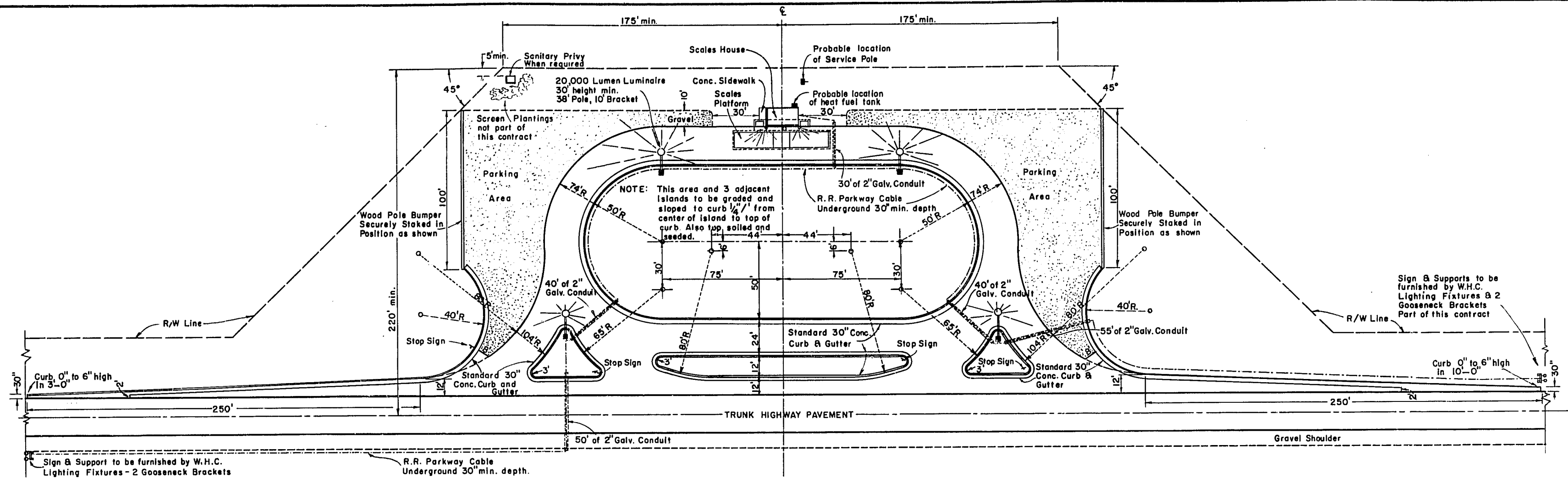
1-18-1965

J. J. Galt
ENGINEER OF DESIGN

APPROVED:

1/18/65

E. C. Rottman
STATE HIGHWAY ENGINEER



ESTIMATE OF QUANTITIES FOR LIGHTING SYSTEM

OUTSIDE OR AREA LIGHTING

Mercury Vapor Luminaires _____	4	each
Mercury Vapor Ballasts (Pole Mounting Type) _____	4	each
Mercury Vapor Lamps _____	4	each
Light Poles - 38' Fir, Butt Treated _____	5	each
Bracket Arms - For Luminaires - 10' _____	4	each
Galvanized Rigid Conduit - 3/4" _____	120	Lin. Ft.
Cable Heads _____	4	each
Conduits For Cable Splice _____	4	each
Safety Switch - 2 Pole, 30 Amp. _____	1	each
RR Parkway Cable - 2 Cond. # 8 A.W.G. _____	1400	Lin. Ft.
Pole & Bracket Wire - # 10 A.W.G. _____	320	Lin. Ft.
Galvanized Conduit Pipe - 2" _____	215	Lin. Ft.
Flood Lights (Complete with Brackets) _____	2	each
Gooseneck Brackets and Fixtures _____	4	each
Trenching for Cable - 30" min. Depth _____	1500	Lin. Ft.

QUANTITIES FOR SCALE HOUSE

(115-130 Volt Single Phase, 3 Wire Service)		
BX Cable - 2 Wire #12	50	Lin.Ft.
Service or Weather Head	1	each
Entrance Cable #6	± 100	Lin.Ft.
Meter Socket	1	each
Main Fuse Box	1	each
Branch Circuit Fuse Box	1	each
Pull Chain Fixtures	3	each
Duplex Receptacles	3	each
Duplex Receptacle W.P. (Bryant 3894) or equal	1	each
Ground Rod and Connection	1	each

LEGEND


 20,000 Lumen Luminaire at 30' min. height.
 Mounted with IO Bracket on 3/8" Bolt & Fire Pipe.


 Flood Lights and Brackets, Seal-Beam R-40
 300 watt spot or flood. Beam Spread for spot
 30° Beam Spread for flood 60° Mounted on 2
 corners of Scale House as shown on the plan.


 2" Galvanized Conduit Pipe placed underground
 in 30' min. depth Trench or 30" below the Pavement
 surface.


 RR Parkway Cable - 2 Cond. # 8 A.W.G. placed
 underground in 30' min. depth Trench or in under
 ground 2" conduit.

GENERAL NOTES FOR LIGHTING SYSTEM

The "Lighting System" portion of this contract contemplates furnishing and placing the complete lighting system for the pertinent Scale House and Area Unit, consisting of 4 luminaire lighting units complete, 2 building mounted flood light units complete, 4 goose-neck lights and brackets complete units for 2 advance warning signs on highway, lighting system complete for Scale House proper and all other materials, permits, equipment, transportation and labor necessary to make the proposed "Lighting System" complete from the source of power to the most remote unit. The lighting poles, sign lights, building lights, outlet units, cables, wires and ducts are to be placed where shown on the plans or as directed by the Engineer.

This item shall not be considered complete until the entire installation shall be found in complete and proper working order.

The equals of any materials specified for this item may be substituted if written approval is first secured from the Engineer. Samples for tests and inspection shall be furnished the Highway Commission upon request without charge.

LIGHTING UNITS

Luminaires shall be "Line Material Ovaltite Luminaire No. 60250-CL" or equal, Type EH I, 20,000 Lumen, mercury vapor lamps, Type II I.E.S. light distribution. Each luminaire shall be provided with proper fittings for attachment to bracket arm which is mounted on light pole, and shall be properly gasketed to be weather-proof and to exclude insects, and can be readily opened for relamping and other maintenance.

BALLAST

The Ballast shall be for 120 volt system and of constant wattage, high power factor correction type "Line Material" Catalog No. 662008 C2 or equal. The ballast mounting shall be for wood poles.

POLE BRACKET ARM

The Pole Bracket Arms shall be "Westinghouse No. 569 B 200 D 13-10' length, 2" pipe and 1 1/4" Slip-Filter" for wood pole mounting, or equal. All parts of the bracket arms and luminaires shall be natural aluminum finish and not be field painted.

LIGHTING POLES

Lighting Poles shall be a minimum of 38' in length, butt treated- fir, and in accordance with the Standard Specifications Section 4124.07. They shall be securely stayed in the ground and set to a true vertical plane at the proper elevation to provide a 30' minimum ground clearance for the luminaire proper.

SERVICE POLE

In the event the Power Company policy makes no provision for furnishing the Service Pole, the Service Pole shall be furnished and placed by the Contractor where and as directed by the Engineer. The Service Pole shall be the same type pole as mentioned above. The Power Company shall furnish power for the Lighting System to the Service Pole.

CABLE

The Lighting Cable shall be 2 conductor # 8 A.W.G. Type RR Parkway or equal. The cable shall be placed underground at a minimum depth of 30". The trenches in which the cable is placed shall be backfilled with sand to a depth of at least 6" over the cable. The bottom of the trench shall be smooth to preclude cable kinks. All excess dirt from the excavation shall be disposed of by the Contractor. Special care shall be exercised so that cables are not damaged in placing. Contractor Cables shall not be spliced in the ground or in the duct. The Contractor shall supply and place all boxes, supports, equipment and materials to make the lighting system complete in accordance with the Wis. State Electrical Code.

SAFETY SWITCH

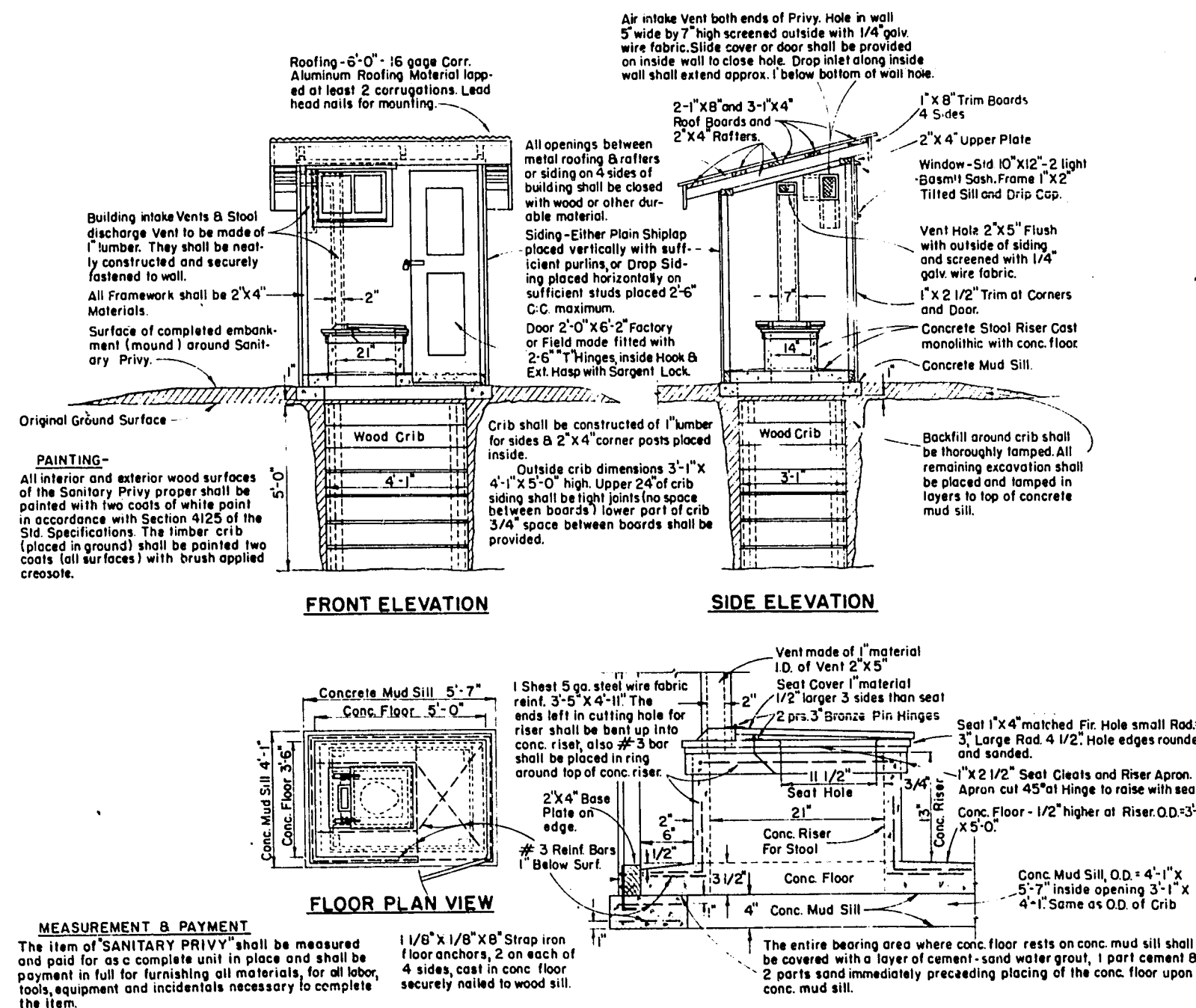
The Safety Switch shall be a two pole, 30 ampere quick-make, quick-break (Westinghouse CF 221) or equal.

FINALLY

These provisions contemplate a complete lighting system, including luminaires, poles, cables, fittings and service equipment. Everything not specifically mentioned as being furnished or installed shall be considered as a part of this item.

MEASUREMENT AND PAYMENT

The item "LIGHTING SYSTEM" shall be measured and paid for as a complete unit in place, and shall be payment in full for furnishing all materials, for all labor, tools, equipment and incidentals necessary to complete this item.



DETAILS FOR SANITARY PRIVY

GENERAL NOTES

Details of Construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

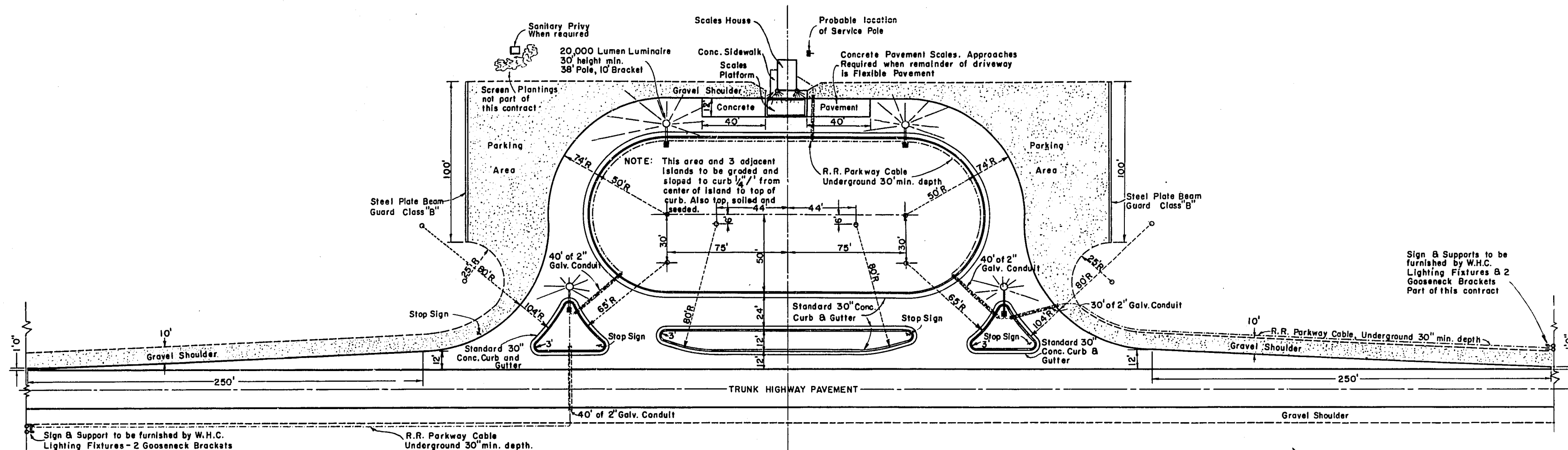
SIGNS

All official signs for directing motor vehicle operators on or within the area of the Motor Vehicle Inspection and Truck Weighing Station shall be furnished and erected by the Wisconsin State Highway Commission.

BID ITEMS

[illegible]

MOTOR VEHICLE INSPECTION AND TRUCK WEIGHING STATION AREA DEVELOPMENT DETAILS



ESTIMATE OF QUANTITIES FOR LIGHTING SYSTEM

OUTSIDE OR AREA LIGHTING

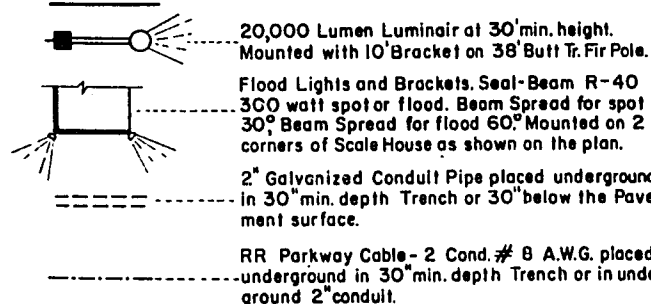
Mercury Vapor Luminaires	4	each
Mercury Vapor Ballasts (Pole Mounting Type)	4	each
Mercury Vapor Lamps	4	each
Light Poles—38' Fir, Butt Treated	5	each
Bracket Arms—For Luminaires—10'	4	each
Galvanized Rigid Conduit—3/4"	120	Lin. Ft.
Cable Heads	4	each
Conduits For Cable Splice	4	each
Safety Switch—2 Pole, 30 Amp.	1	each
RR Parkway Cable—2 Cond. # 8 A.W.G.	1400	Lin. Ft.
Pole & Bracket Wire—# 10 A.W.G.	320	Lin. Ft.
Galvanized Conduit Pipe—2"	180	Lin. Ft.
Flood Lights (Complete with Brackets)	2	each
Gooseneck Brackets and Fixtures	4	each
Trenching for Cable—30" min. Depth	1500	Lin. Ft.

QUANTITIES FOR SCALE HOUSE

(115-130 Volt Single Phase, 3 Wire Service)

BX Cable - 2 Wire #12 _____	50	Lin.Ft.
Service or Weather Head _____	1	each
Entrance Cable #6 _____ ±	100	Lin.Ft.
Meter Socket _____	1	each
Main Fuse Box _____	1	each
Branch Circuit Fuse Box _____	1	each
Pull Chain Fixtures _____	3	each
Duplex Receptacles _____	3	each
Duplex Receptacle W.P. (Bryant 3894) or equal _____	1	each
Ground Rod and Connection _____	1	each

LEGEND



GENERAL NOTES FOR LIGHTING SYSTEM

The "Lighting System" portion of this contract contemplates furnishing and placing the complete lighting system for the pertinent Sacle House and Area Unit, consisting of 4 luminaire lighting units and 2, built-in, mounted floor lighting units complete. 4 square track lights and brackets complete units for 2 advance warning signs on highway, lighting system complete for Sacle House proper and all other materials, permits, equipment, transportation and labor necessary to make the proposed "Lighting System" complete from the source of power to the most remote unit. The lighting poles, sign lights, building lights, outlet units, cables, wires and ducts are to be placed where shown on the plans or as directed by the Engineer.

This item shall not be considered complete until the entire installation shall be found in complete and proper working order.

The equals of any materials specified for this item may be substituted if written approval is first secured from the Engineer. Samples for tests and inspection shall be furnished the Highway Commission upon request without charge.

LIGHTING UNITS

Luminaires shall be "Line Material Ovalite Luminaire No. 602050 -C1" or equal, Type EH 1, 20,000 Lumen, mercury vapor lamps, Type II I.E.S. light distribution. Each luminaire shall be provided with proper fittings for attachment to bracket arm which is mounted on light pole, and shall be properly gasketed to be weather-proof and to exclude insects, and can be readily opened for relamping and other maintenance.

BALLAST

The Ballast shall be for 120 volt system and of constant wattage, high power factor correction type. Line Material Catalog No. 662008 C2 or equal. The ballast mounting shall be for wood poles.

POLE BRACKET ARM

The Pole Bracket Arms shall be "Westinghouse No. 569 B 200 D13-10' length, 2" pipe and 1 1/4 Slip-Filter" for wood pole mounting, or equal. All parts of the bracket arms and luminaires shall be natural aluminum finish and not be field painted.

LIGHTING POLES

Lighting Poles shall be a minimum of 38' in length, butt treated- fir, and in accordance with the Standard Specifications Section 4124.07. They shall be securely stayed in the ground and set to a true vertical plane at the proper elevation to provide a 30' minimum ground clearance for the luminaire proper.

SERVICE POLE

In the event the Power Company policy makes no provision for furnishing the Service Pole, the Service Pole shall be furnished and placed by the Contractor where and as directed by the Engineer. The Service Pole shall be the same type pole as mentioned above. The Power Company shall furnish power for the Lighting System to the Service Pole.

CABLE

The Lighting Cable shall be 2 conductor # 8 A.W.G. Type RR Parkway or equal. The cable shall be placed underground at a minimum depth of 30". The trenches in which the cable is placed shall be backfilled with sand to a depth of at least 6" over the cable. The bottom of the trench shall be smooth to preclude cable kinks. All excess dirt from the excavation shall be disposed of by the Contractor. Special care shall be exercised so that cables are not damaged in placing. Conductor Cables shall not be spliced in the ground or in the duct. The Contractor shall supply and place all boxes, support equipment and materials to make the lighting system complete in accordance with the Wis. State Electrical Code.

SAFETY SWITCH

The Safety Switch shall be a two pole, 30 ampere quick-make, quick-break (Westinghouse CF 221) or equal.

FINALLY

These provisions contemplate a complete lighting system, including luminaires, poles, cables, fittings and service equipment. Everything not specifically mentioned as being furnished or installed shall be considered as a part of this item.

MEASUREMENT AND PAYMENT

The item "LIGHTING SYSTEM" shall be measured and paid for as a complete unit in place and shall be payment in full for furnishing all materials, for all labor, tools, equipment and incidentals necessary to complete this item.

GENERAL NOTES

Details of Construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

SIGNS

All official signs for directing motor vehicle operators on or within the area of the Motor Vehicle Inspection and Truck Weighing Station shall be furnished and erected by the Wisconsin State Highway Commission.

BID ITEMS

[illegible]

Air intake Vent both ends of Privy. Hole in wall 5" wide by 7" high screened outside with 1/4" galv. wire fabric. Slide cover or door shall be provided on inside wall to close hole. Drop inlet inside wall shall extend approx. 1' below bottom of wall hole.

Roofing - 6'-0" x 16 gage Corr. Aluminum Roofing Material lapped at least 2 corrugations. Lead head nails for mounting.

2'-1"x8" and 3'-1"x4" Roof Boards and 2"x4" Rafter.

1"x8" Trim Boards 4 Sides

2"x4" Upper Plate

Window - 10" Id x 12"-2 light - Basalt Sash, Frame 1"x2 Tilted Sill and Drip Cap.

Vent Hole 2"x5" Flush with outside of siding and screened with 1/4" galv. wire fabric.

1"x2 1/2" Trim of Corners and Door.

Concrete Stool Riser Cast monolithic with conc. floor

Concrete Mud Sill.

Siding - Either Plain Shiplap placed vertically with sufficient purllins, or Drop Siding placed horizontally on sufficient studs placed 2'-6" C.C. maximum.

Door 2'-0"x6'-2" Factory or Field made fitted with 2'-6" T Hinges, inside Hook & Ext. Hosp with Sargent Lock.

2"

2'

Wood Crib

Crib shall be constructed of 1" lumber for sides & 2"x4" corner posts placed inside.

Outside crib dimensions 3'-1"x4'-1"x5'-0" high. Upper 24" of crib siding shall be tight joints (no space between boards) lower part of crib 3/4" space between boards shall be provided.

4'-1"

3'-1"

Wood Crib

Backfill around crib shall be thoroughly tamped. All remaining excavation shall be placed and tamped in layers to top of concrete mud sill.

FRONT ELEVATION

SIDE ELEVATION

Concrete Mud Sill. 5'-7"

Conc. Floor. 5'-0"

1 Sheet 5 ga. steel wire fabric reinf. 3'-5"x4'-11". The ends left in cutting hole for riser shall be bent up into conc. riser; also #3 bar shall be placed in ring around top of conc. riser.

2"x4" Base Plate on edge.

#3 Reinft Bars Below Surt.

Vent made of 1" material I.D. of Vent 2"x5"

Seat Cover 1" material 1/2" larger 3 sides than seat

2 prs. 3" Bronze Pin Hinges

11 1/2"

3 1/2"

Seat Hole 21"

Conc. Riser For Stool

3 1/2"

Conc. Floor

4"

Conc. Mud Sill

Seat 1"x4" matched Fir. Hole small Rad. 3", Large Rad. 4 1/2". Hole edges rounded and sanded.

1"x2 1/2" Seat Cleats and Riser Apron. Apron cut 45° at Hinge to raise with seat

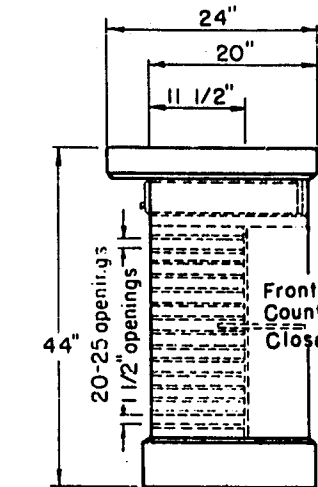
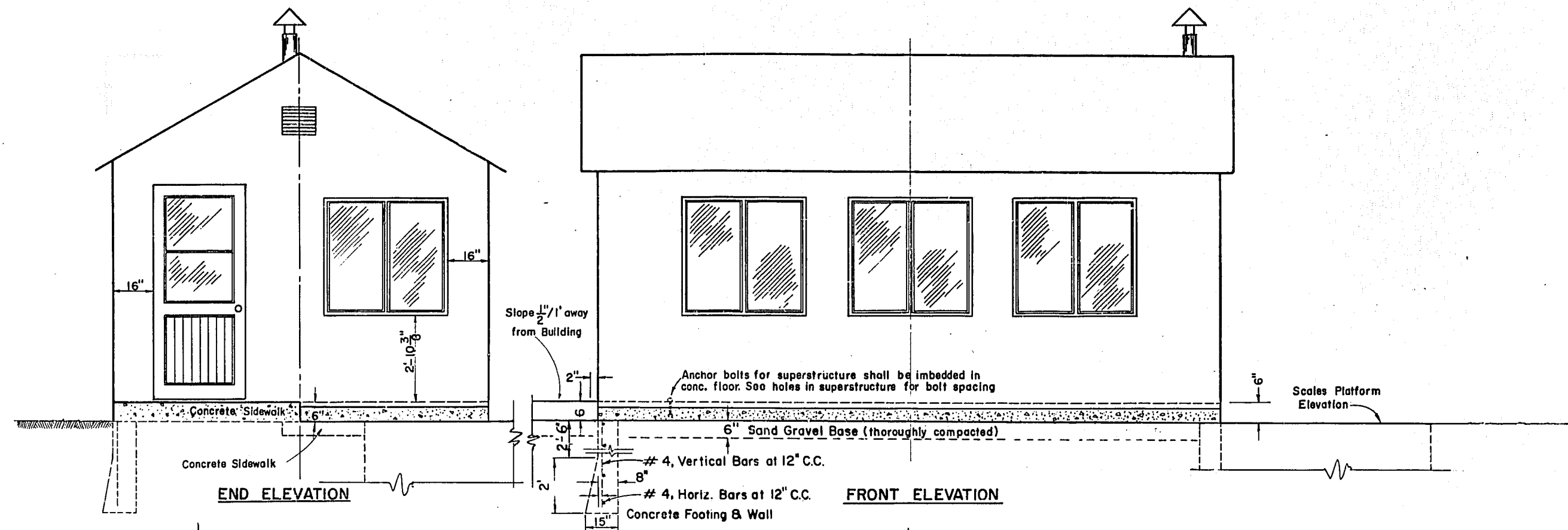
Conc. Floor - 1/2" higher at Riser. O.D. 3'-5"x5'-0".

Conc. Mud Sill, O.D. = 4'-11"x5'-7" Inside opening 3'-11"x4'-1". Same as O.D. of Crib

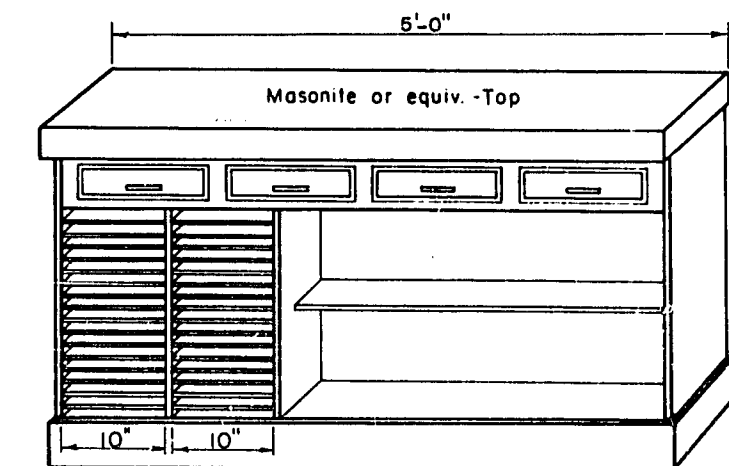
FLOOR PLAN VIEW

DETAILS FOR SANITARY PRIVY

MOTOR VEHICLE INSPECTION AND TRUCK WEIGHING STATION AREA DEVELOPMENT DETAILS



SIDE VIEW



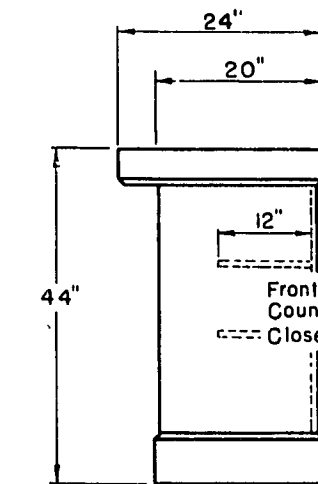
REAR VIEW COUNTER NO. 1

NOTE:

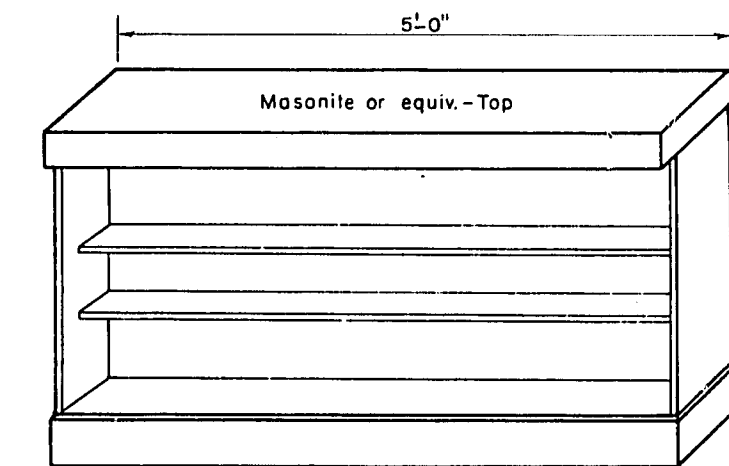
COUNTERS- Both counters to be constructed of No. 2 Pine with Masonite or equivalent Top for writing surface. Counters shall be securely fastened to floor and side walls (inside fastenings).

BENCH- The bench shall be constructed of No. 2 Pine with a Masonite or equivalent Top, table height, for writing.

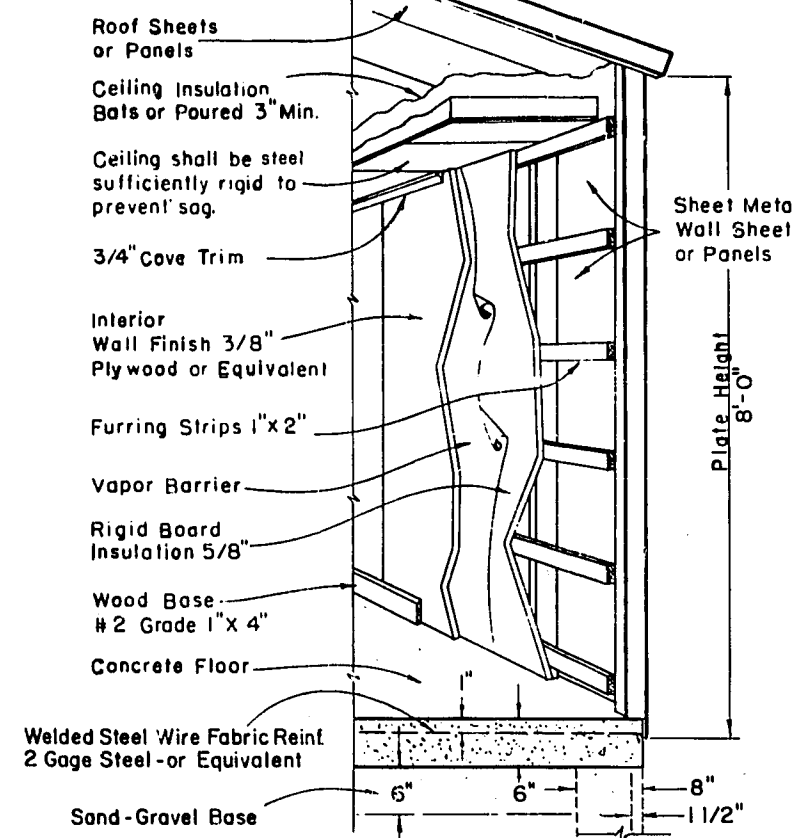
CLOTHES CLOSET & UTILITY CABINET- The clothes closet and utility cabinet may be constructed of metal or No. 2 Pine.



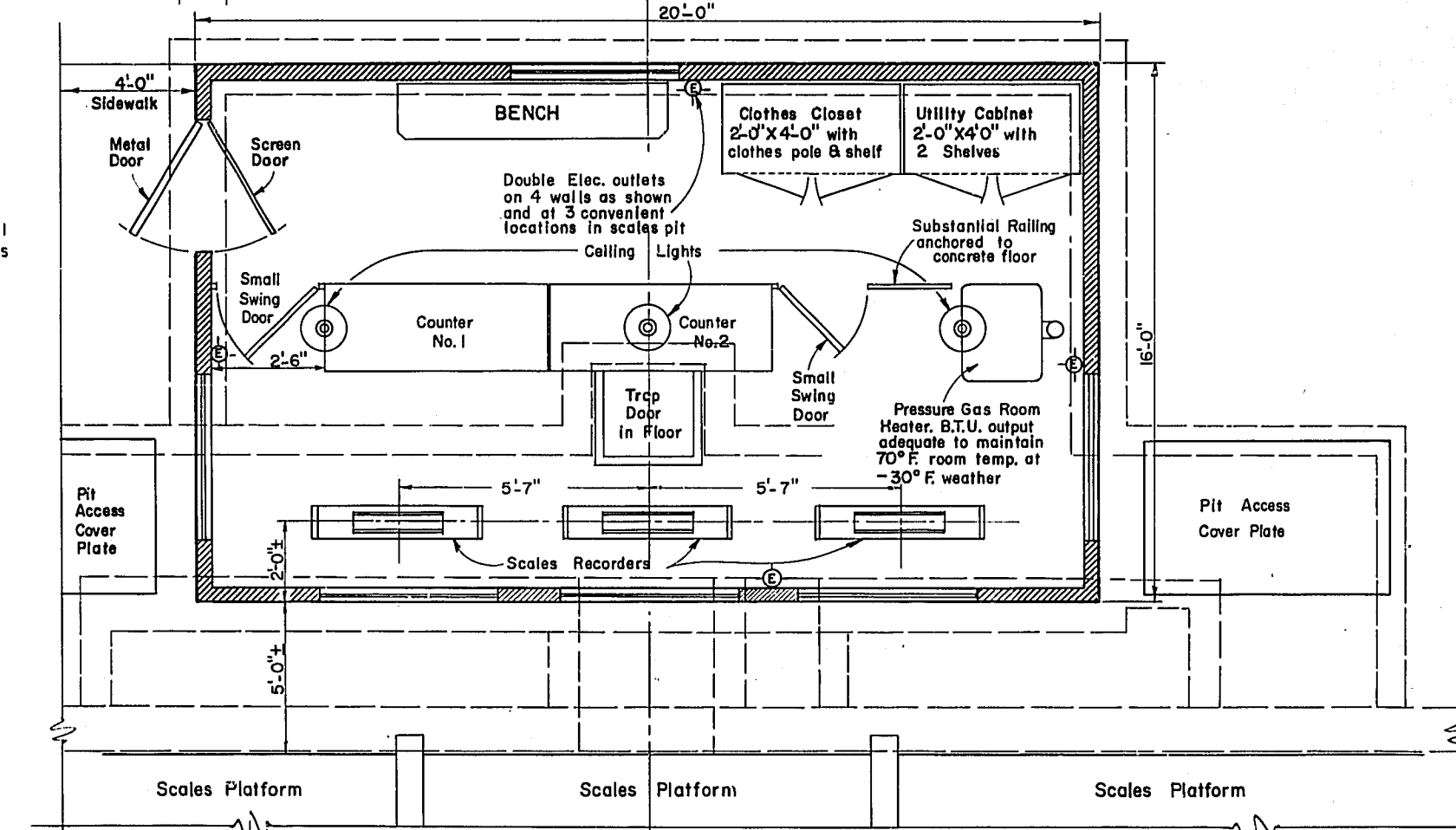
SIDE VIEW



REAR VIEW COUNTER NO. 2



CONSTRUCTION DETAILS



FLOOR PLAN - SCALES HOUSE

ELECTRICAL WORK

Electrical Work shall cover the furnishing and placing of materials including Weather Head, Meter Box, Fuse Box and all interior and exterior fixtures and appurtenances (complete wiring system, interior and exterior) acceptable to provide power and light and performed in a neat and workmanlike manner in full accord with the requirements of the National Board of Fire Underwriters.

Outside lighting systems shall be controlled by a knife switch located at fuse box.

②-Wall outlets shall be located by the Engineer in the field. Overhead lights shall be controlled by pull switch.

CONCRETE WORK

Concrete floor, sidewalks, foundation walls and footings to be type "A-A" Concrete. Wisconsin State Highway Commission Standard Specifications.

GENERAL NOTES

All materials for the exterior metal walls, roof and sub-ceiling with all necessary assembling bolts and screws, all windows (complete units) including steel frames and screens with all necessary fillings and hardware for windows, the metal door and screen door with fillings and hardware for installation, all materials for exterior parts of the chimney and sufficient to make connection below ceiling shall be supplied and furnished by others.

The remainder of all necessary materials to properly complete the construction and furnishing of the Scale House in accordance with the plans and specifications shall be a part of this contract.

INTERIOR PAINTING

All interior wood surfaces shall be treated with one coat of white or clear shellac and two coats of clear spar varnish.

Concrete floor to be painted with two coats of any approved concrete floor paint, brown in color.

All interior metal surfaces of windows and door to be treated & painted in accordance with exterior metal surfaces, but final color shall be buff.

EXTERIOR PAINTING

All exterior metal surfaces of entire building shall be treated and readied for prime coat painting, and prime coated in accordance with specifications (No. SR1, 5/1/55) for procedure and materials as prepared by Armco Drainage & Metal Products, Inc. of Middletown, Ohio or equivalent. 2nd. coat, materials and procedure shall be applied in accordance with the Wis. State Highway Comm. Stand. Specifications Section 4125.07

WINDOWS

Windows shall be steel frame horizontal sliding type, as shown in F.C. Russell Co., Cleveland Ohio, catalogue, No. 31139 - size 3' - 11 7/8" X 3'-9 1/4" or equivalent.

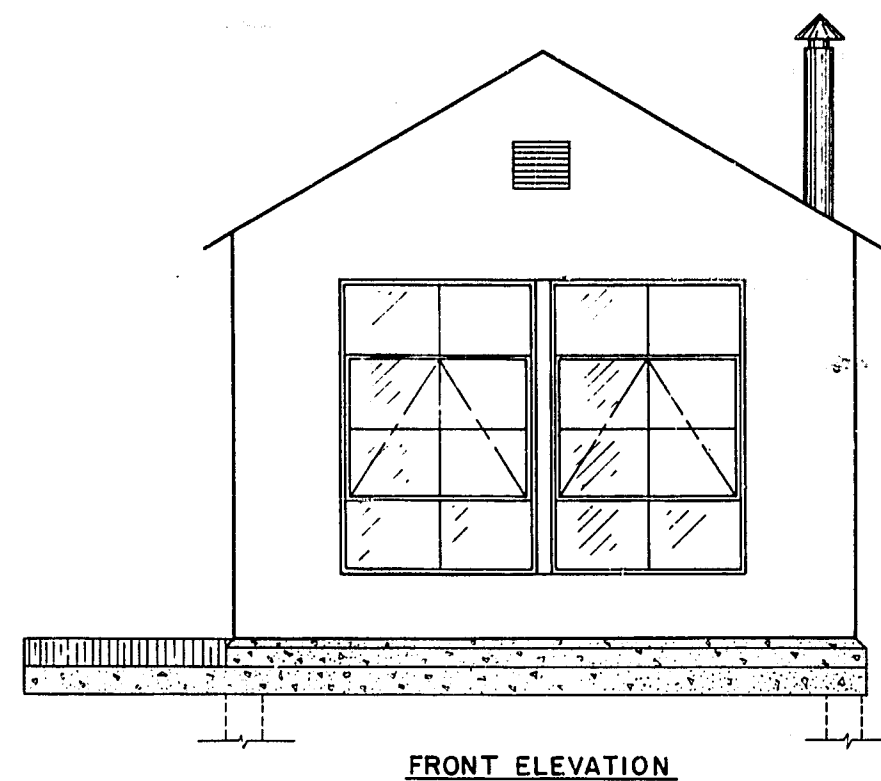
Window screens shall be furnished for all Windows. Adequate and appropriate screen fastenings shall be furnished and placed.

DOOR

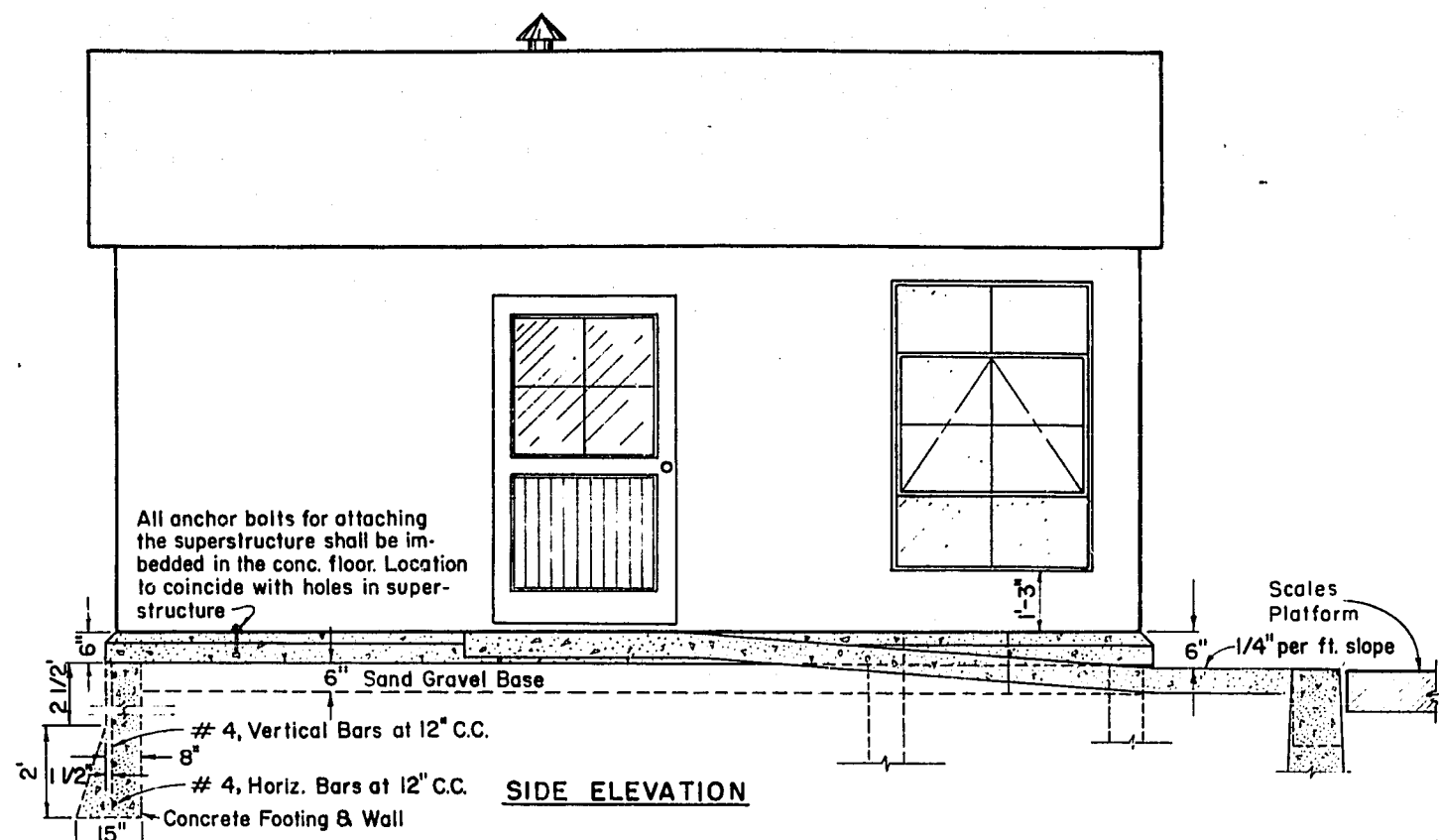
Door shall be Commercial type, hollow metal construction, size 3'-0" X 7'-0" as shown in Crittall Inc. catalogue No. 307062 L.H.O. or equivalent having 3 hinge hanging & unremovable hinge pins.

Door shall be equipped with screen door. Screen door shall be mounted to steel door frame, shall swing in and toward rear of building.

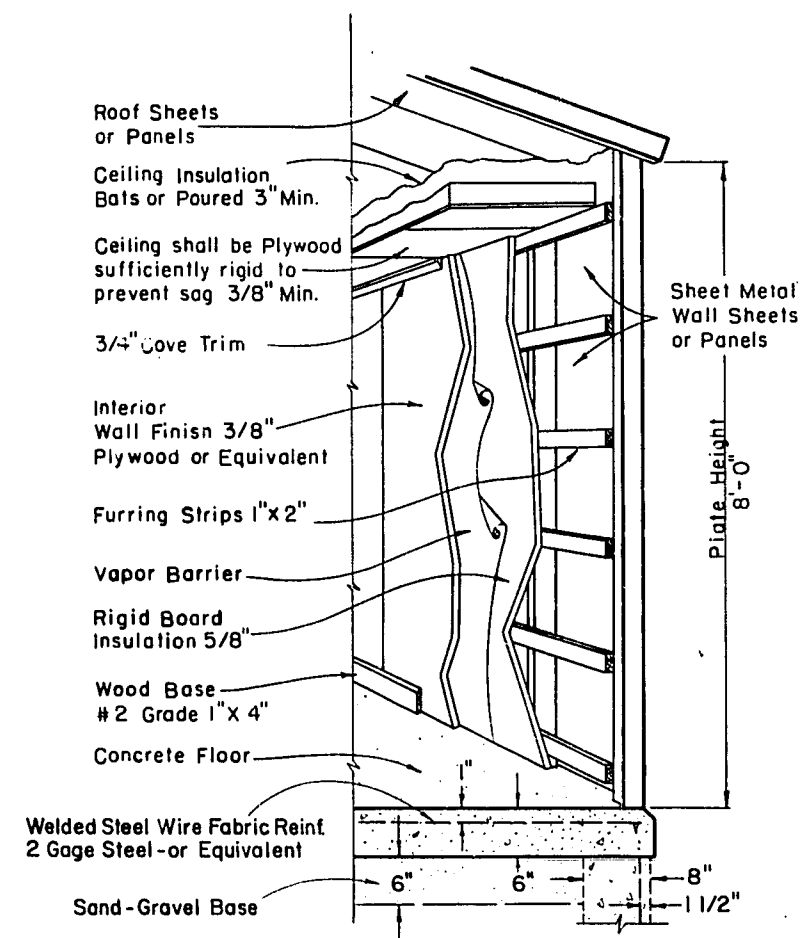
**DETAILS OF
SCALE HOUSE
AND FURNISHINGS**



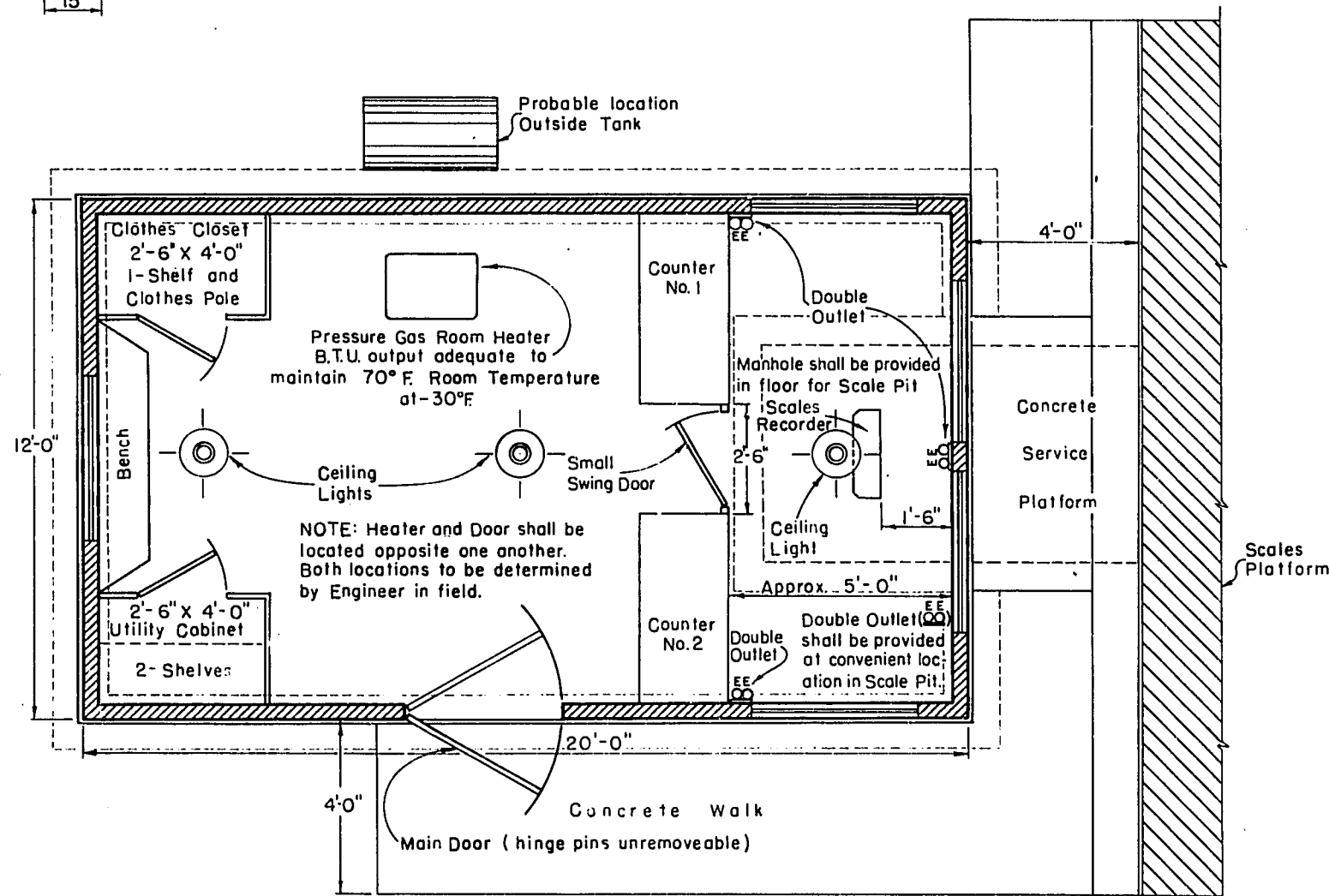
FRONT ELEVATION



SIDE ELEVATION



CONSTRUCTION DETAILS



PLAN VIEW & FLOOR PLAN - SCALE HOUSE

ELECTRICAL WORK

Electrical Work shall cover the furnishing and placing of materials including Weather Head, Meter Box, Fuse Box and all interior and exterior fixtures and appurtenances (complete wiring system, interior and exterior) acceptable to provide power and light and performed in a neat and workmanlike manner in full accord with the requirements of the National Board of Fire Underwriters.

Outside lighting systems shall be controlled by a knife switch located at fuse box.

Wall outlets shall be located by the Engineer in the field.

Overhead lights shall be controlled by pull switch.

CONCRETE WORK

Concrete floor, sidewalks, foundation walls and footings to be type "A-A" Concrete. Wisconsin State Highway Commission Standard Specifications.

GENERAL NOTES

All materials for the exterior metal walls, roof and sub-ceiling with all necessary assembling bolts and screws, all windows (complete units) including steel frames and screens with all necessary fittings and hardware for windows, the metal door and screen door with fittings and hardware for installation, all materials for exterior parts of the chimney and sufficient to make connection below ceiling shall be supplied and furnished by others.

The remainder of all necessary materials to properly complete the construction and furnishing of the Scale House in accordance with the plans and specifications shall be a part of this contract.

INTERIOR PAINTING

All interior wood surfaces shall be treated with one coat of white or clear shellac and two coats of clear spar varnish.

Concrete floor to be painted with two coats of any approved concrete floor paint, brown in color.

All interior metal surfaces of windows and door to be painted with two coats of flat metal paint, buff in color.

EXTERIOR PAINTING

All exterior metal surfaces shall be given two coats of white paint. Paint shall be in accordance with subsection 4125.07 of the Standard Specifications.

WINDOWS

Windows shall be steel framed Commercial Projected type as shown in Ceco Steel Products Corporation 1955 catalogue, No. B 24141 or equivalent. Window Vents to project in.

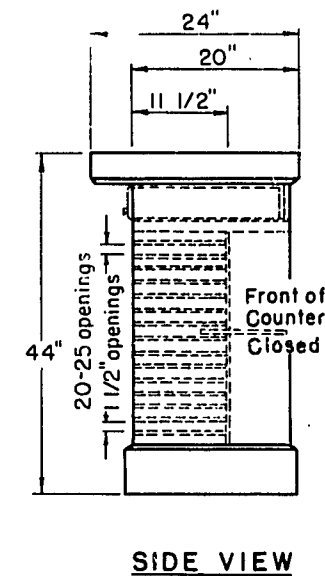
All windows shall be size 3'-8 7/8" X 5'-5". Front windows shall be installed with the use of a standard 3 1/8" mullion separator section.

Screens shall be furnished for all windows. Screens shall be especially designed for use with Commercial Projected windows.

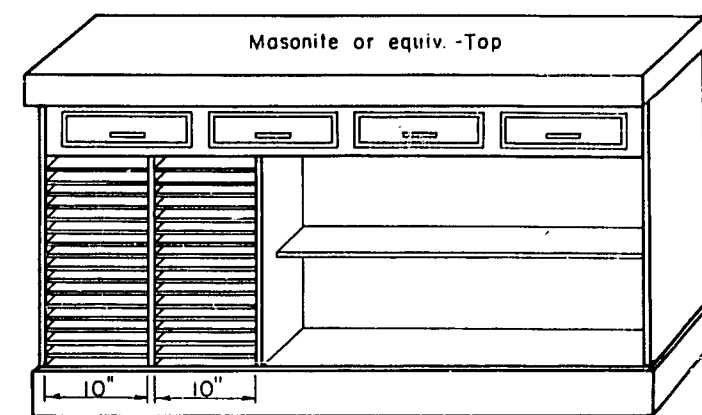
DOOR

Door shall be Commercial type, hollow metal construction, size 3'-4" X 6'-8" as shown in Ceco Steel Products Corporation 1955 catalogue, No. C-3468G4, or equivalent, and shall swing to left and out.

Door shall be equipped with screen door. Screen door shall be mounted to steel door frame, shall swing in and to left.



SIDE VIEW



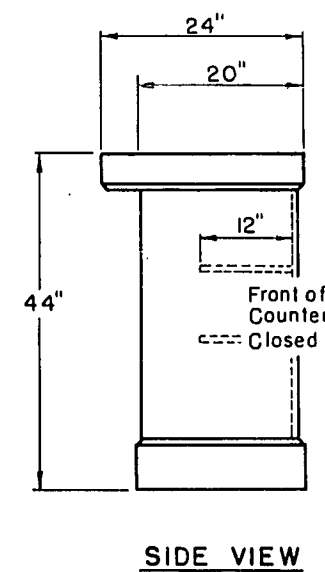
REAR VIEW COUNTER NO. 1

NOTE:-

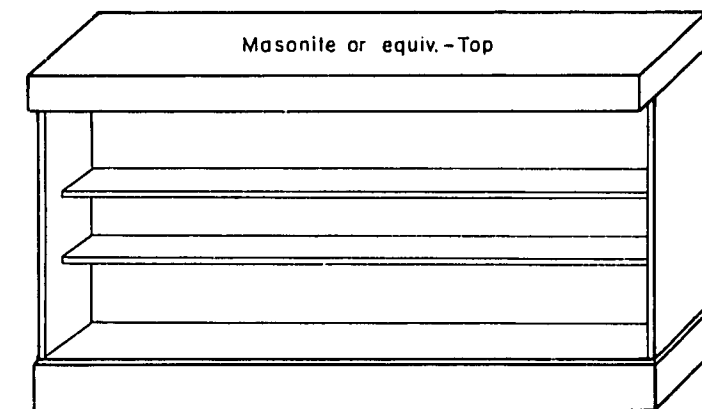
COUNTERS- Both counters to be constructed of No. 2 Pine with Masonite or equivalent Top for writing surface. Counters shall be securely fastened to floor and side walls (inside fastenings).

BENCH- The bench shall be constructed of No. 2 Pine with a Masonite or equivalent Top, table height, for writing.

CLOTHES CLOSET & UTILITY CABINET- The clothes closet and utility cabinet may be constructed of metal or No. 2 Pine.



SIDE VIEW



REAR VIEW COUNTER NO. 2

**DETAILS OF
SCALE HOUSE
AND FURNISHINGS**