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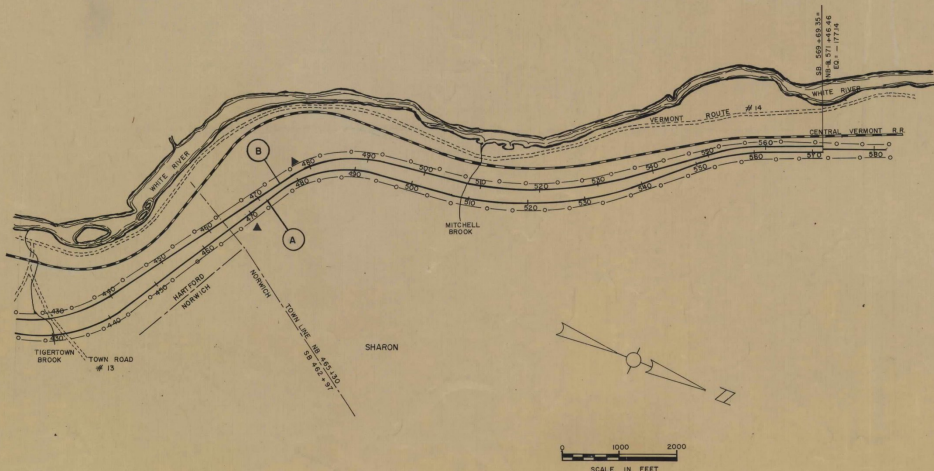
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS



PROPOSED IMPROVEMENT
SHARON
HARTFORD - ROYALTON ROAD I 89

A - N.B. BEGINNING AT A POINT 0.098 MILES NORTHERLY OF THE HARTFORD-SHARON TOWN LINE AND EXTENDING NORTHERLY 0.095 MILES.
B - S.B. BEGINNING AT A POINT 0.207 MILES NORTHERLY OF THE HARTFORD-SHARON TOWN LINE AND EXTENDING NORTHERLY 0.057 MILES.

1970 ADT	4380
EST. 1990 ADT	8830
EST. 1990 DHV	1460
D	57% S.B.
T	7%

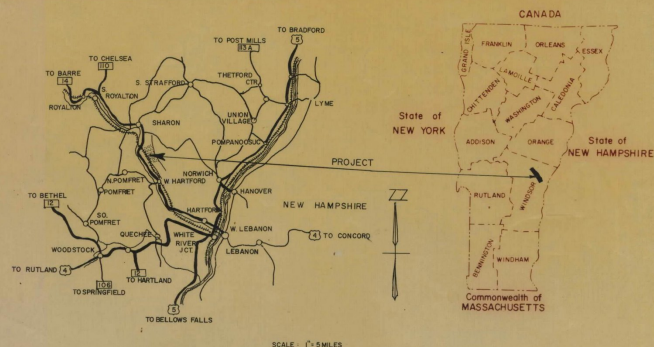


SCALE IN FEET
1000 2000

CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- LIMITS OF ACCESS
- POINT OF ACCESS
- FENCE LINE
- STONE WALL
- TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- TREES
- F.A. CONST. IDENTIFICATION SIGNS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

SHARON I 89-1 (42) (REST AREA)
CONTRACTOR - CONNECTICUT VALLEY CONST. CO., INC.
NO. SPRINGFIELD, VT.
RECORD PLANS - A.G. SPIDLE
CONSTR. COMPLETED - JULY 3, 1973.



SHARON I 89-1 (42) (REST AREAS)
RECORD PLANS
MATERIALS

SUBBASE OF GRAVEL - CLIFFORD'S PIT - WHITE RIVER JCT., VT.
6" CAST IRON SOIL PIPE (EXTRA HEAVY) - U.S. PIPE & FOUNDRY CO. - BIRMINGHAM, ALA.
4" PERFORATED BITUMINOUS FIBER UNDERDRAIN - FLINTCOTE PIPE PRODUCTS GROUP - CRANEBURG, N.Y.
BITUMINOUS CONCRETE - L.M. PIKE - W. LEBANON, N.H.
SEED - AGWAY - SO. ROYALTON, VT.
FERTILIZER - CORENCO - BURLINGTON, VT.
TREES & SHRUBS - SKYLINE GARDEN CENTER - SPRINGFIELD, VT.
SEWAGE & SEPTIC TANKS, SEWAGE PUMPS & DISTRIBUTION BOXES - MASSACHUSETTS ENGINEERING CO. - NO. JUNCTION, MA.
STREET LIGHTING - WESTINGHOUSE ELECTRIC CORP. - CLEVELAND, OHIO.
METAL CULVERT PIPE - ARMCO - MIDDLETOWN, OHIO.
PRECAST REINFORCED CONCRETE PIPE DROP INLET WITH CAST IRON GRATE - HUME PIPE CO. - WINDSOR, VT.

CONTRACTOR
CONNECTICUT VALLEY CONSTRUCTION CO., INC.
NO. SPRINGFIELD, VT.
RES. ENG. - CARL R. QUESNEL
RECORD PLANS - A.G. SPIDLE.

CONTRACT
DATED - JUNE 30, 1972.
STARTED - JULY 19, 1972
COMPLETED - JULY 3, 1973.
ACCEPTED - JULY 3, 1973.

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED OUT IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED JANUARY 3, 1972, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, DECEMBER 28, 1971, FOR USE ON THE PROJECT, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
APPROVED: [Signature] DATE 5/1/72
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE _____
DIVISION ENGINEER

PROJECT SHARON N° I 89 - (42)

SHEET 1 OF 33 SHEETS

DRAINAGE AND ITEM QUANTITY SHEET

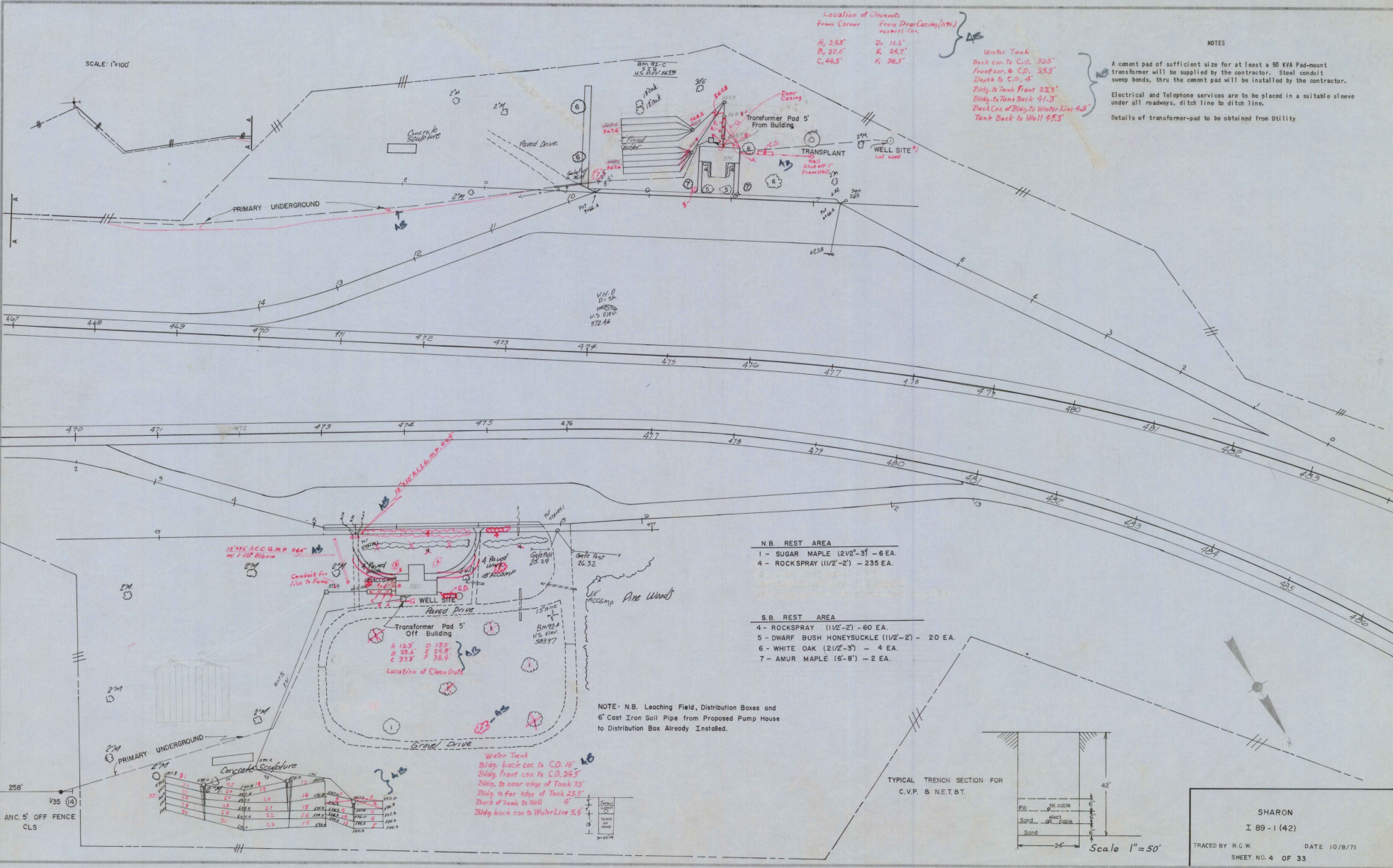
STATE OF VERMONT DEPARTMENT OF HIGHWAYS
PROJECT INTERSTATE NO. 89-1(42)

APPROXIMATE SUMMARY OF QUANTITIES					DETAILED SUMMARY OF QUANTITIES					DRAINAGE STRUCTURES											
GRAND TOTAL	UNIT	ITEM	ROUND	ITEM NO.	QUANTITY	UNIT	ITEM	STR	TYPE	IN	OUT	TRENCH EARTH	EXCAV ROCK	RELAY PIPE	ASKEW	SKY	REMARKS	GITCHES	IN	OUT	REMARKS
TRENCH EXCAVATION OF EARTH																					
200	CY	Common Excavation	Est.	20315	370	CY	N.B. Rest Area														
200	CY	Earth Borrow	Est.	20330	496	CY	S.B. Rest Area														
100	CY	Granular Borrow	Est.	20332	34	CY	Rounding														
900	CY	Trench Excavation of Earth	Est.	20420	34	CY	Rounding														
100	CY	Structure Excavation	Est.	20425	900	CY	Total														
110	CY	Granular Backfill for Structures	Est.	720430																	
25	CY	Subbase of Gravel	Est.	330115	96	CY	N.B. REST AREA														
1875	CY	Overhaul	Est.	30630	43	CY	S.B. REST AREA														
200	LF	6" Cast Iron Soil Pipe, Extra Heavy	Est.	38094	4	CY	ROUNDING														
930	LF	4" Perf. Bituminous Fiber Underdrain	Est.	10802503	140	CY	TOTAL														
10	HR	Buildax Rental	Est.	60810	16	CY	N.B. Rest Area														
15	TON	Bituminous Concrete Sidewalk	Est.	0.756815	6	CY	S.B. Rest Area														
55	LBS	Seed	Est.	65110	3	CY	Rounding														
400	LBS	Fertilizer	Est.	6515	25	CY	Total														
1	TON	Agricultural Limestone	Est.	65120																	
1	TON	Hay Mulch	Est.	65125	4.7	LF	6" CAST IRON SOIL PIPE, EXTRA HEAVY														
200	CY	Topsoil	Est.	65310	1.50	LF	N.B. Rest Area														
20	EA	Dwarf Bush Honeysuckle (1-1/2"-2") (Diervilla Lonicera) (BBB)	Est.	65622	3	LF	S.B. Rest Area														
295	EA	Rockspray 1/2"-2" (Cotoneaster Horizontalis) (BBB)	Est.	65624	2.00	LF	Total														
2	EA	Amur Maple (6"-8") (Acer Ginnala) (BBB)	Est.	65631																	
6	EA	Sugar Maple (2-1/2"-3") (Acer Saccharum) (BBB)	Est.	656345																	
4	EA	White Oak (2-1/2"-3") (Quercus Alba) (BBB)	Est.	656351																	
12	EA	Picnic Table	Est.	65710																	
1	LS	Roadside Rest Facility Building N.B.	Est.	65810																	
1	LS	Roadside Rest Facility Building S.B.	Est.	65810																	
1	LS	Septic Tank (23'-10" x 64') N.B.	Est.	65920	10.6	TON	BITUMINOUS CONCRETE SIDEWALK														
1	LS	Septic Tank (23'-10" x 64') S.B.	Est.	65920	3.7	TON	N.B. Rest Area														
3	EA	Sewage Distribution Box S.B.	Est.	65925	0.7	TON	S.B. Rest Area														
1	LS	Street Lighting NB	Est.	67315	15.0	TON	Rounding														
1	LS	Street Lighting SB	Est.	67315			Total														
1	LS	Sewage Pumping System N.B.	Est.	63736																	
140	CY	Sand Borrow	Est.	20331																	

SHARON

PROJECT I NO. 89-1 (42)
SHEET 2 OF 33

SCALE: 1"=100'



Location of Clean Out
From Corner
From Diner Casing (N.W.)
nearest cor.

Water Tank
Back cor. to C.D. 325'
Front cor. to C.D. 355'
Depth to C.D. 4'
Bldg. to Tank Front 41.3'
Bldg. to Tank Back 41.3'
Back Cor. of Dike to Water Line 4.5'
Tank Back to Well 95.3'

NOTES

A cement pad of sufficient size for at least a 50 KVA Pad-mount transformer will be supplied by the contractor. Steel conduit sweep bends, thru the cement pad will be installed by the contractor.
Electrical and Telephone services are to be placed in a suitable sleeve under all roadways, ditch line to ditch line.
Details of transformer-pad to be obtained from Utility

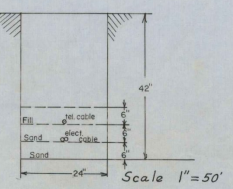
- N.B. REST AREA
- 1 - SUGAR MAPLE (2 1/2'-3') - 6 EA.
 - 4 - ROCKSPRAY (1 1/2'-2') - 235 EA.

- S.B. REST AREA
- 4 - ROCKSPRAY (1 1/2'-2') - 60 EA.
 - 5 - DWARF BUSH HONEYSUCKLE (1 1/2'-2') - 20 EA.
 - 6 - WHITE OAK (2 1/2'-3') - 4 EA.
 - 7 - AMUR MAPLE (6'-8') - 2 EA.

NOTE: N.B. Leaching Field, Distribution Boxes and 6" Cast Iron Soil Pipe from Proposed Pump House to Distribution Box Already Installed.

Water Tank
Bldg. back cor. to C.D. 46'
Bldg. front cor. to C.D. 36.5'
5865. to near edge of Tank 23'
Dike to far edge of Tank 42.5'
Back of Tank to Well 4'
Bldg. back cor. to Water Line 5.5'

TYPICAL TRENCH SECTION FOR C.V.P. & N.E.T.B.T.



SHARON
I 89-1 (42)
TRACED BY R.C.W. DATE 10/8/71
SHEET NO. 4 OF 33

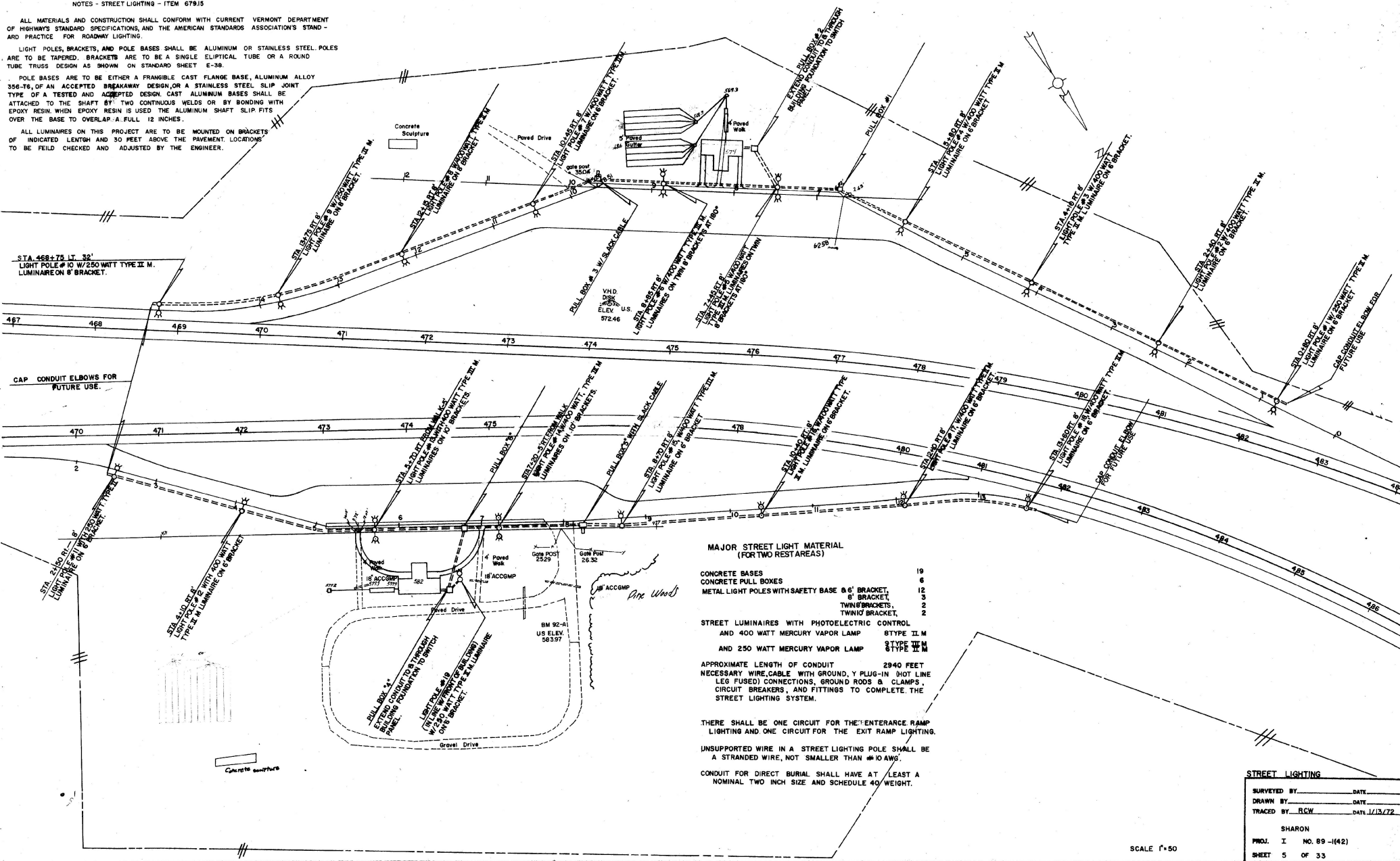
NOTES - STREET LIGHTING - ITEM 67915

ALL MATERIALS AND CONSTRUCTION SHALL CONFORM WITH CURRENT VERMONT DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS, AND THE AMERICAN STANDARDS ASSOCIATION'S STANDARD PRACTICE FOR ROADWAY LIGHTING.

LIGHT POLES, BRACKETS, AND POLE BASES SHALL BE ALUMINUM OR STAINLESS STEEL. POLES ARE TO BE TAPERED. BRACKETS ARE TO BE A SINGLE ELIPTICAL TUBE OR A ROUND TUBE TRUSS DESIGN AS SHOWN ON STANDARD SHEET E-38.

POLE BASES ARE TO BE EITHER A FRANGIBLE CAST FLANGE BASE, ALUMINUM ALLOY 356-T6, OF AN ACCEPTED BREAKAWAY DESIGN, OR A STAINLESS STEEL SLIP JOINT TYPE OF A TESTED AND ACCEPTED DESIGN. CAST ALUMINUM BASES SHALL BE ATTACHED TO THE SHAFT BY TWO CONTINUOUS WELDS OR BY BONDING WITH EPOXY RESIN. WHEN EPOXY RESIN IS USED THE ALUMINUM SHAFT SLIP FITS OVER THE BASE TO OVERLAP A FULL 12 INCHES.

ALL LUMINAIRES ON THIS PROJECT ARE TO BE MOUNTED ON BRACKETS OF INDICATED LENGTH AND 30 FEET ABOVE THE PAVEMENT. LOCATIONS TO BE FIELD CHECKED AND ADJUSTED BY THE ENGINEER.



MAJOR STREET LIGHT MATERIAL
(FOR TWO REST AREAS)

CONCRETE BASES	19
CONCRETE PULL BOXES	6
METAL LIGHT POLES WITH SAFETY BASE & 6' BRACKET,	12
8' BRACKET,	3
TWIN 8' BRACKETS,	2
TWIN 6' BRACKETS,	2
STREET LUMINAIRES WITH PHOTOELECTRIC CONTROL	
AND 400 WATT MERCURY VAPOR LAMP	8 TYPE ILM
AND 250 WATT MERCURY VAPOR LAMP	8 TYPE IIM
	8 TYPE IIM

APPROXIMATE LENGTH OF CONDUIT 2840 FEET
NECESSARY WIRE, CABLE WITH GROUND, Y PLUG-IN (HOT LINE LEG FUSED) CONNECTIONS, GROUND RODS & CLAMPS, CIRCUIT BREAKERS, AND FITTINGS TO COMPLETE THE STREET LIGHTING SYSTEM.

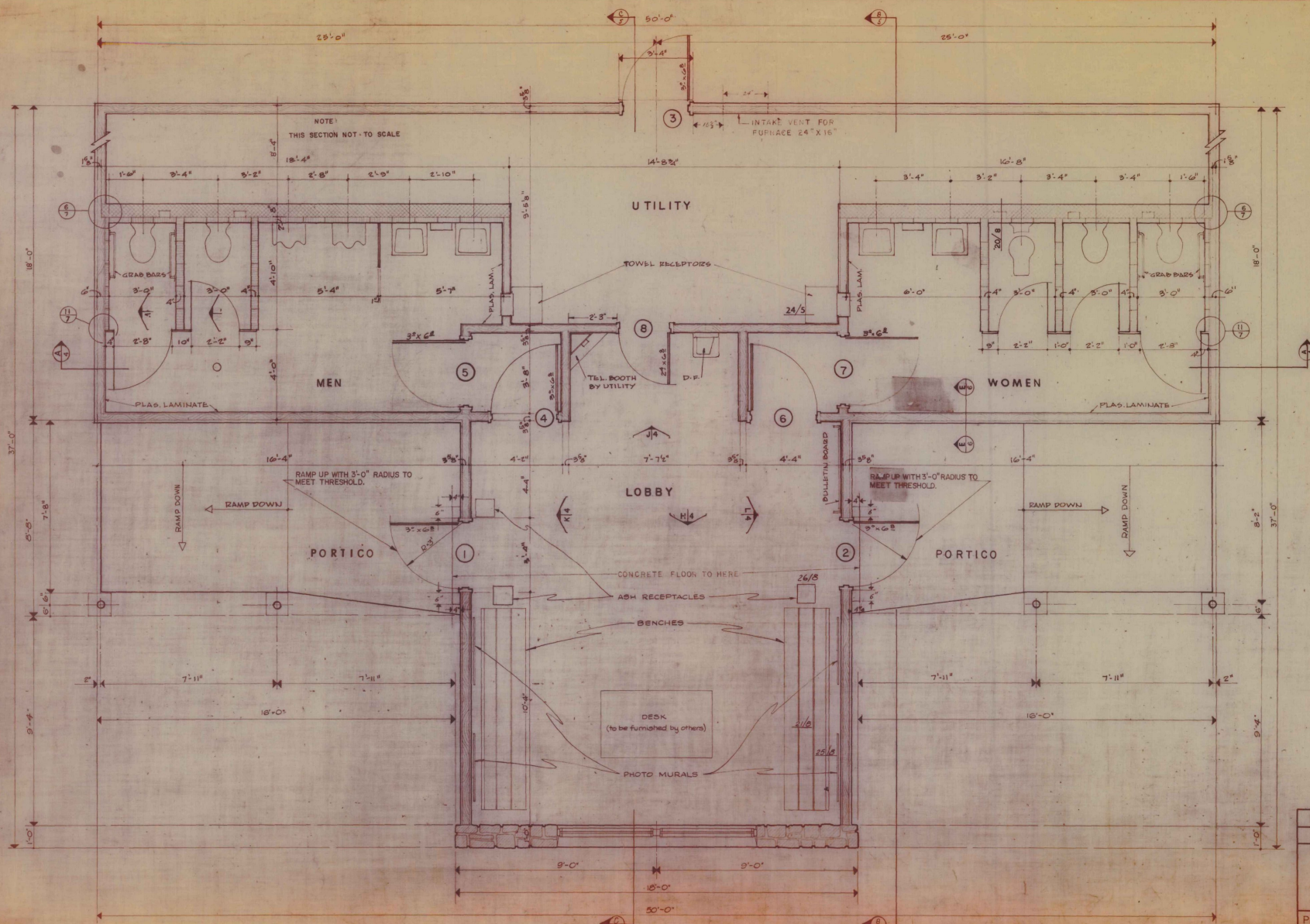
THERE SHALL BE ONE CIRCUIT FOR THE ENTERANCE RAMP LIGHTING AND ONE CIRCUIT FOR THE EXIT RAMP LIGHTING.

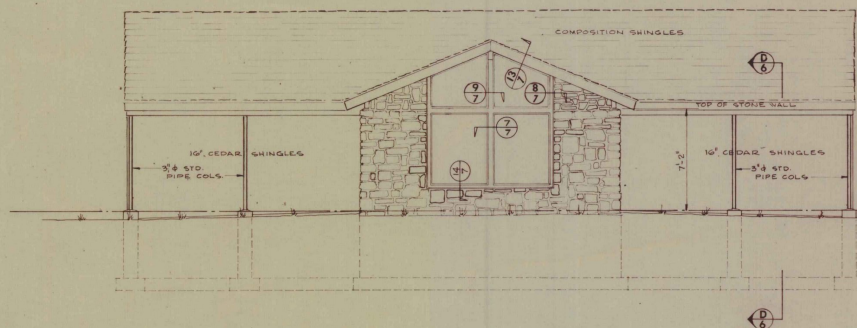
UNSUPPORTED WIRE IN A STREET LIGHTING POLE SHALL BE A STRANDED WIRE, NOT SMALLER THAN #10 AWG.

CONDUIT FOR DIRECT BURIAL SHALL HAVE AT LEAST A NOMINAL TWO INCH SIZE AND SCHEDULE 40 WEIGHT.

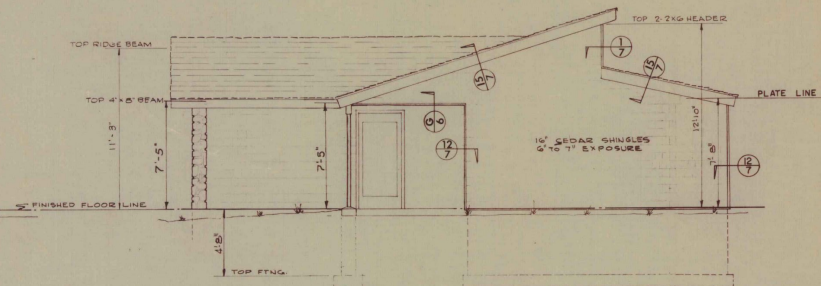
STREET LIGHTING	
SURVEYED BY _____	DATE _____
DRAWN BY _____	DATE _____
TRACED BY RCW	DATE 11/13/72
SHARON	
PROJ. I	NO. 89 - (42)
SHEET 5 OF 33	

SCALE 1"=50'

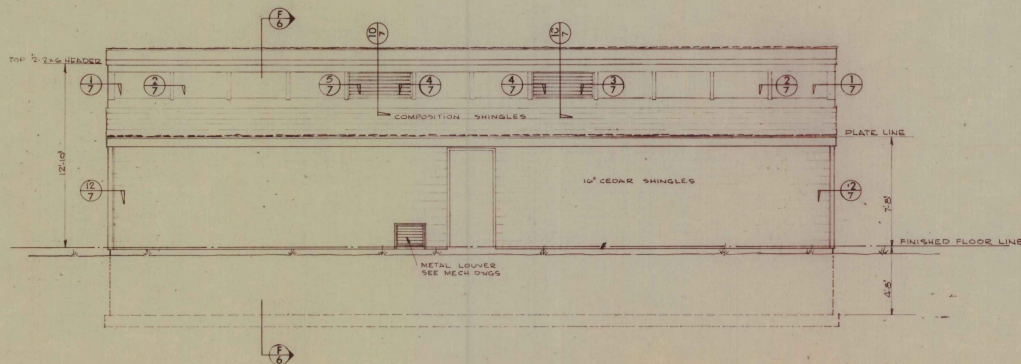




FRONT ELEVATION

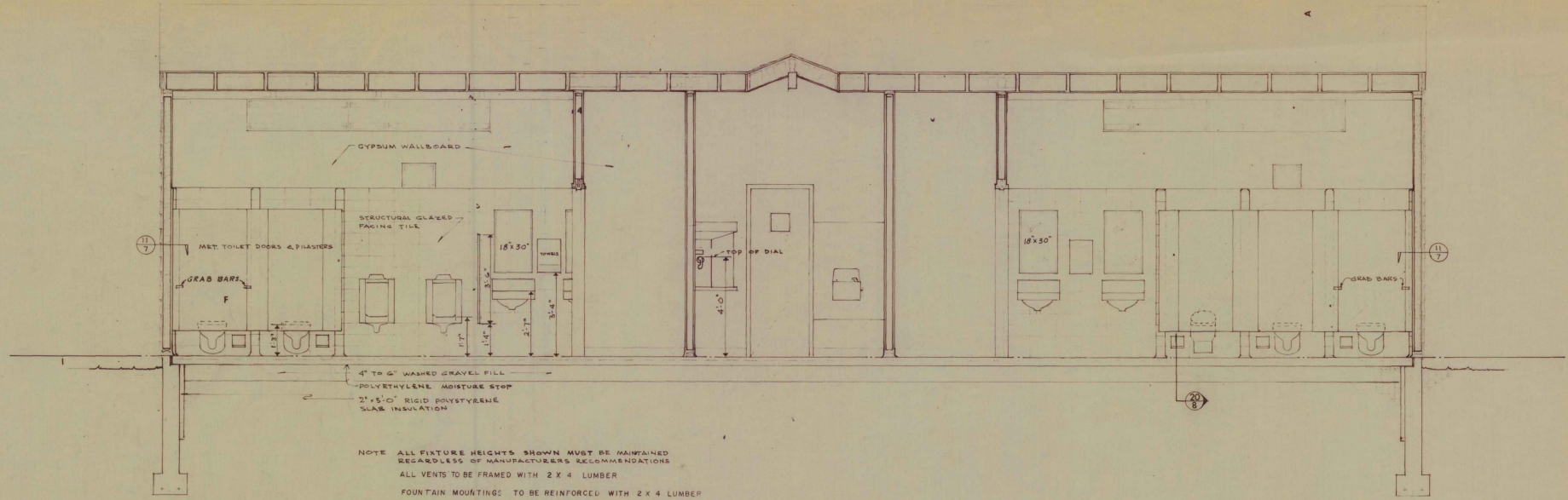


SIDE ELEVATION

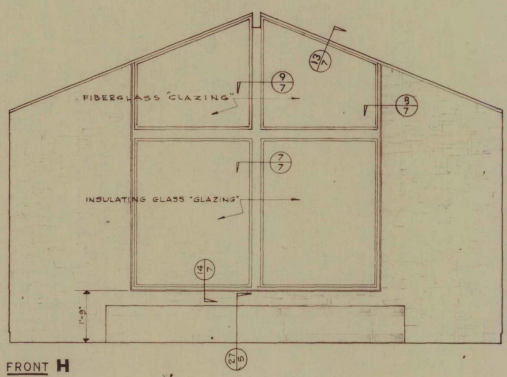


REAR ELEVATION

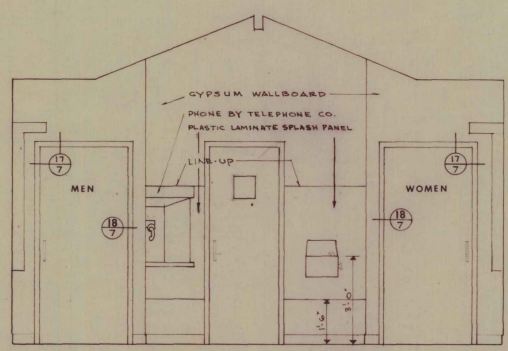
ROADSIDE REST FACILITIES	
ELEVATIONS	
STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
PROJECT SHARON N° I 89-(42)	3
SCALE: 1/4" = 1'-0"	SHEET 8 OF 33



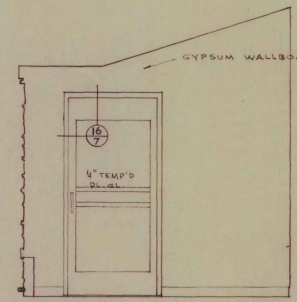
SECTION A-A



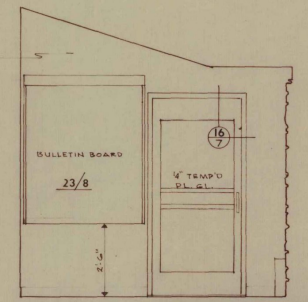
FRONT H



REAR J



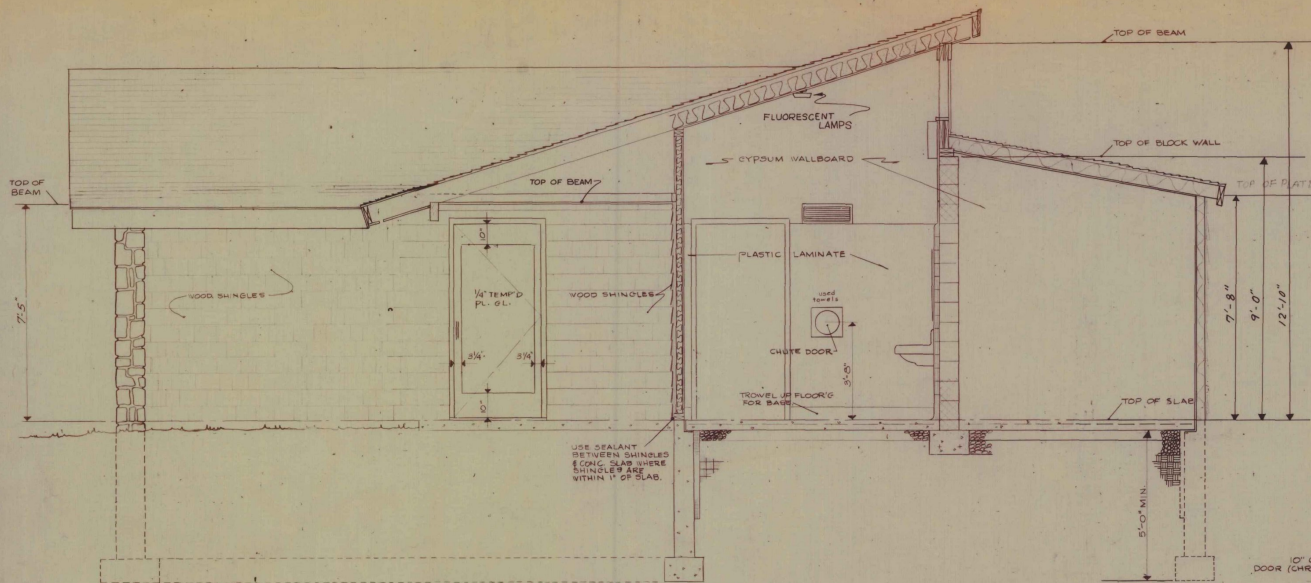
LEFT K



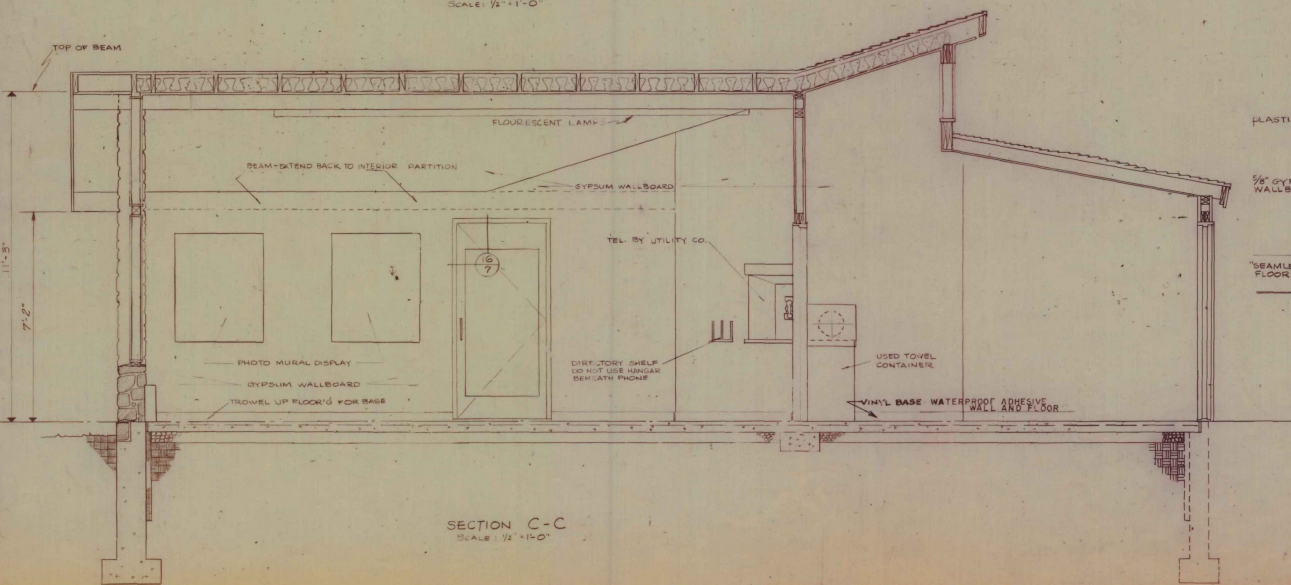
RIGHT L

LOBBY ELEVATIONS

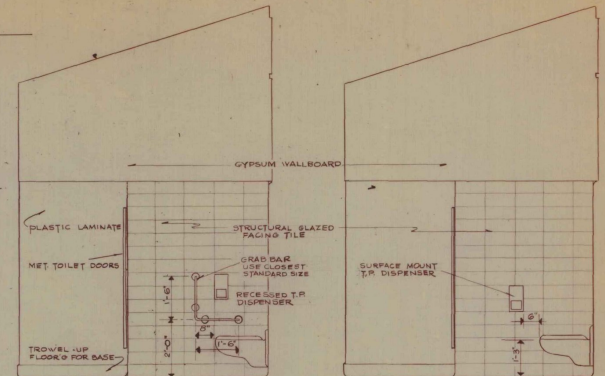
ROADSIDE REST FACILITIES	
LONGITUDINAL SECTION & INTERIOR ELEV'S.	
STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
PROJECT Sharon No I 89-1(42)	4
SCALE: 1/2" = 1'-0"	SHEET 9 OF 33



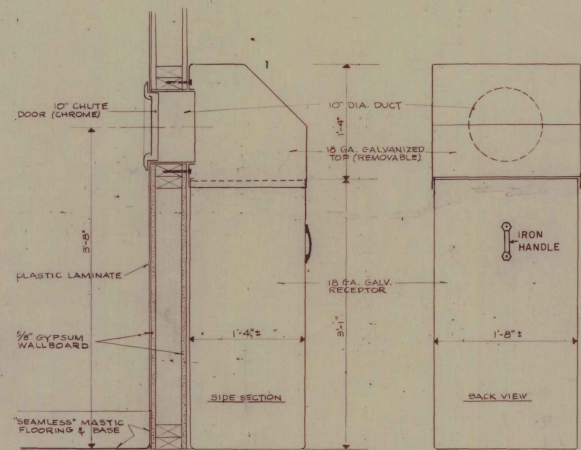
SECTION B-B
SCALE: 1/2" = 1'-0"



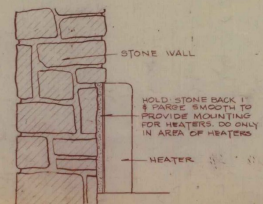
SECTION C-C
SCALE: 1/2" = 1'-0"



M INTERIOR ELEVATIONS
SCALE: 1/2" = 1'-0"



USED TOWEL RECEPTORS 24
SCALE: 1/2" = 1'-0"

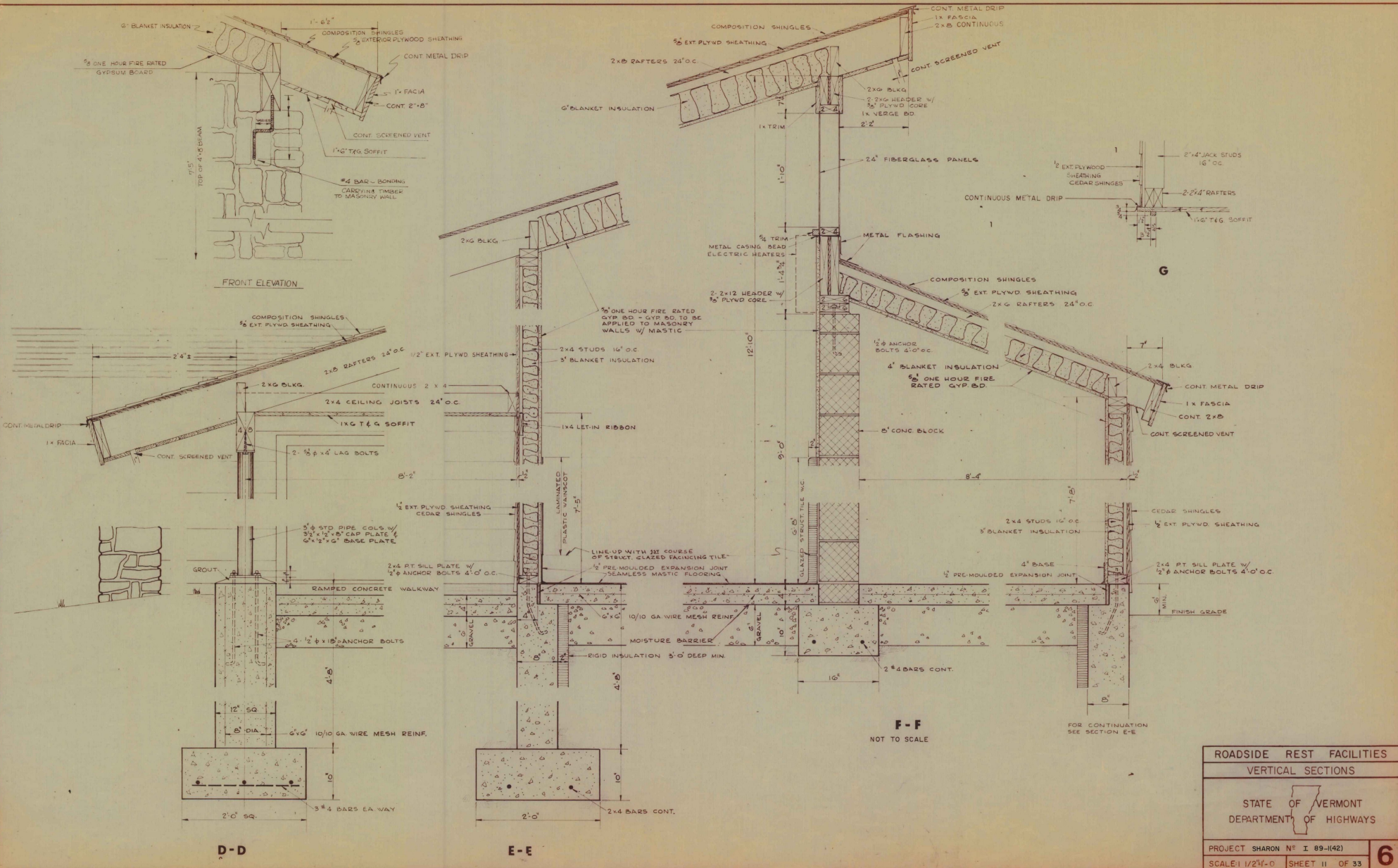


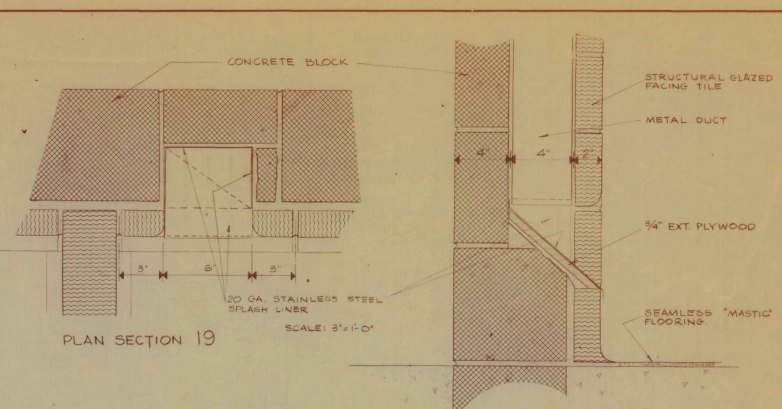
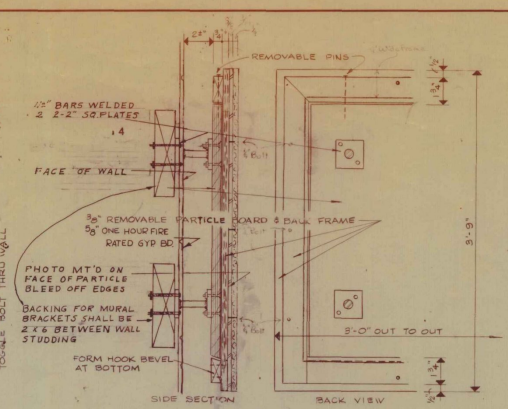
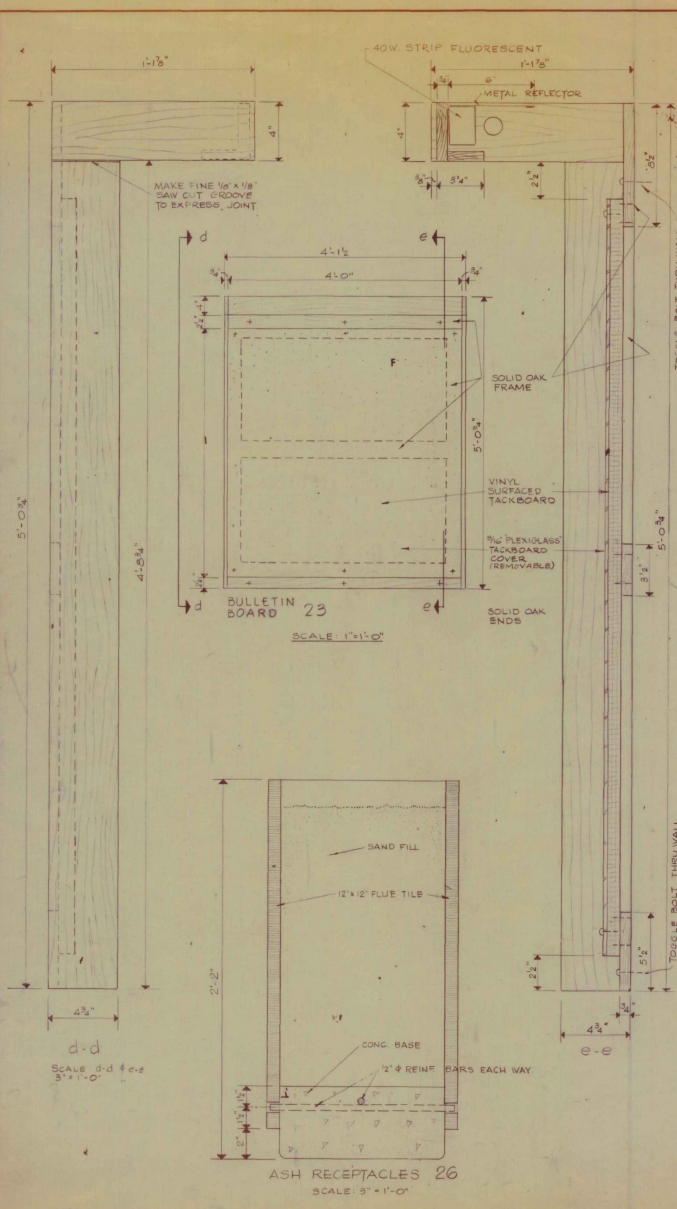
HEATER RECESS 27
SCALE: 1/2" = 1'-0"

ROADSIDE REST FACILITIES
TRANSVERSE SECTIONS, INTERIOR
ELEVATIONS AND DETAILS

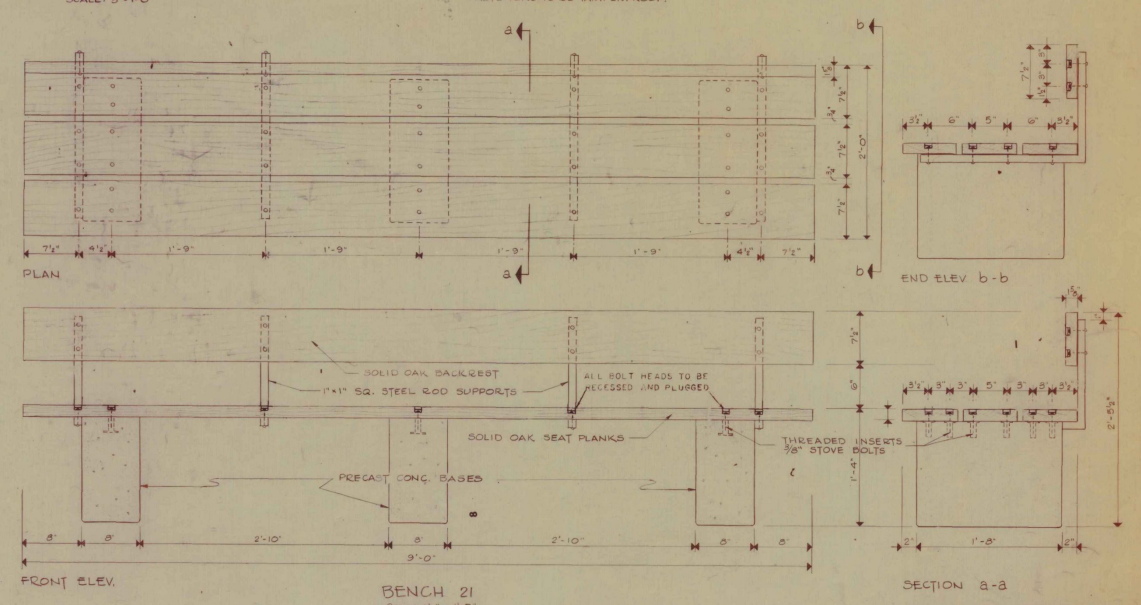
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

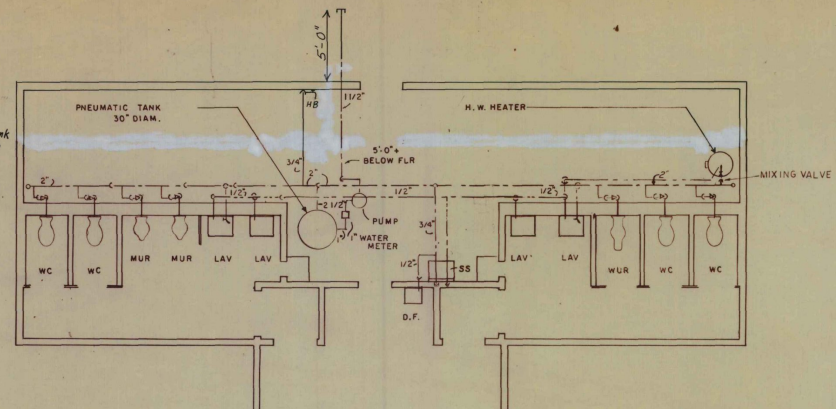
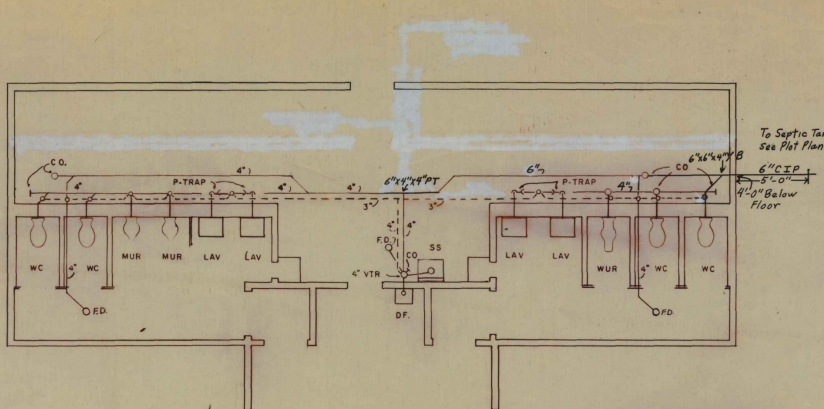
PROJECT SHARON N° I 89-142
SCALE: AS SHOWN SHEET 10 OF 33





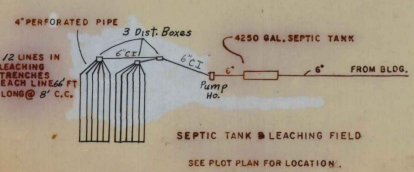
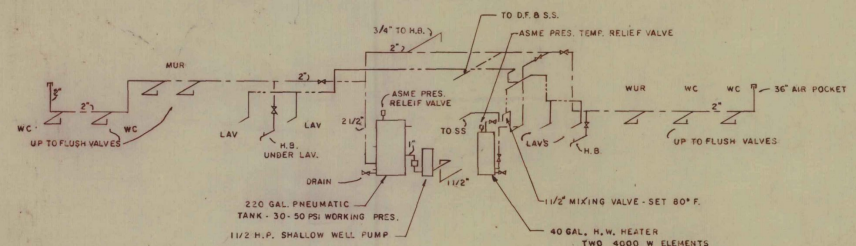
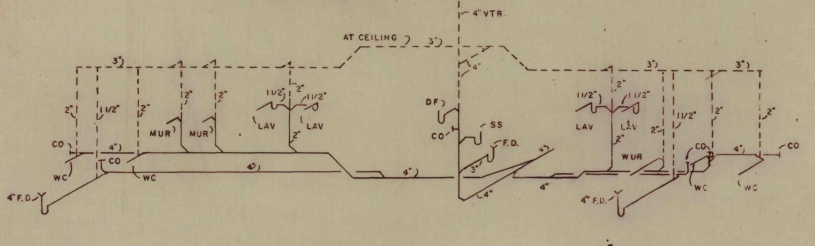
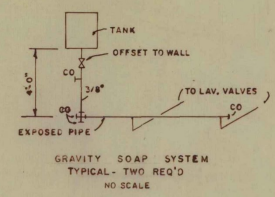
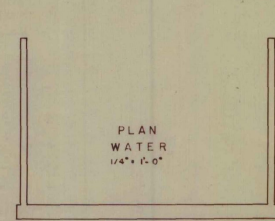
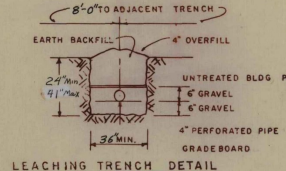
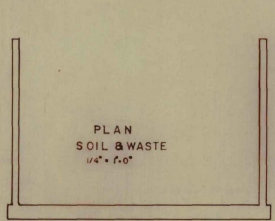
NOTE: ALL SCREWS, BOLTS & EXPOSED FASTENERS TO BE TAMPERPROOF.





LEGEND

SOIL & WASTE	---
VENT	---
COLD WATER	---
HOT WATER	---
CLEANOUT	---
HOSE BIBB	---
C.O.	---
H.B.	---



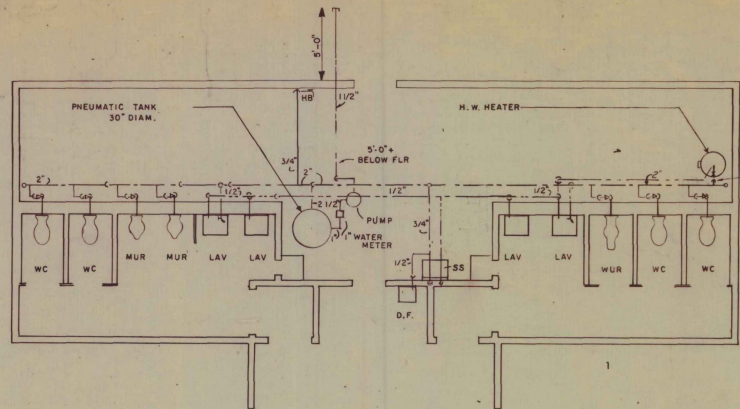
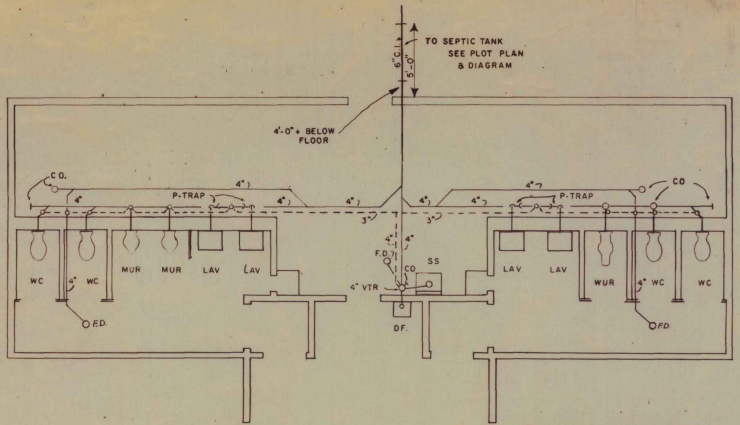
PERCOLATION RATE 1/6 MIN/INCH
 ALLOWABLE APPLICATION RATE 1.27 GAL/DAY/SF
 SEWAGE FLOW 3000 GPD
 LEACHING AREA 2376 SF
 LENGTH OF 2\"/>

RISER DIAGRAM WATER NO SCALE

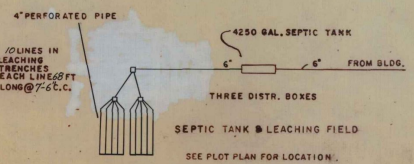
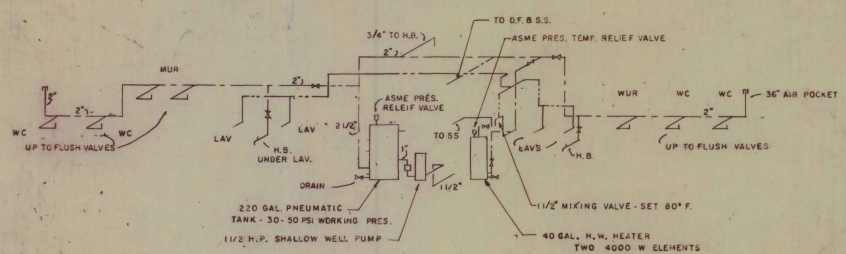
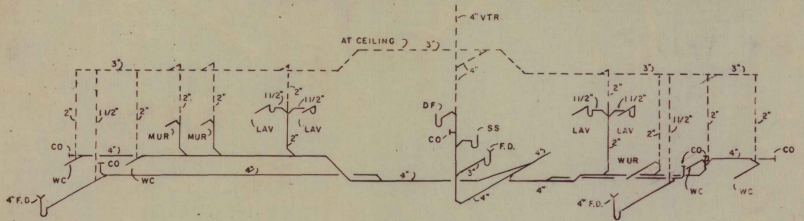
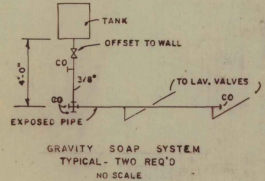
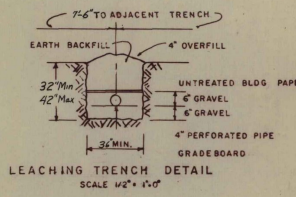
Northbound Rest Area
 ROADSIDE REST FACILITIES
 PLUMBING (GEC-48-004, M-1)

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

PROJECT Sharon N° I 89-1(42)
 SCALE 1/4"=1'-0" SHEET 15 OF 33



LEGEND
 SOIL & WASTE _____
 WENT _____
 COLD WATER _____
 HOT WATER _____
 CLEANOUT _____
 HOSE BIBB _____
 C.O. _____
 H.B. _____



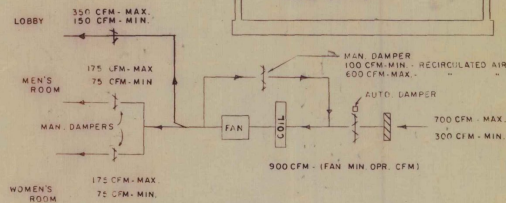
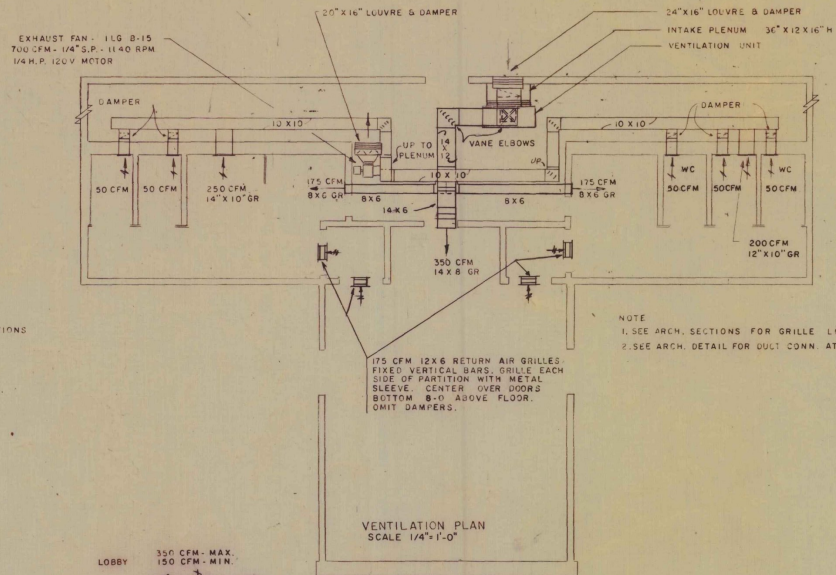
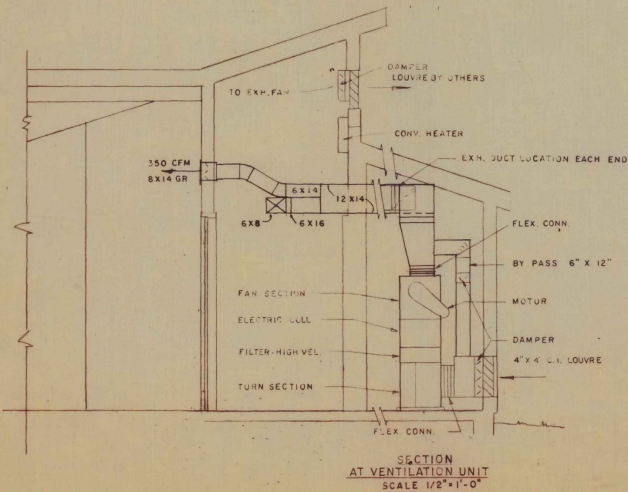
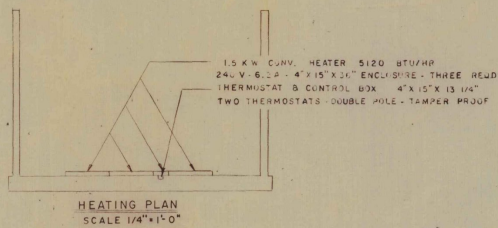
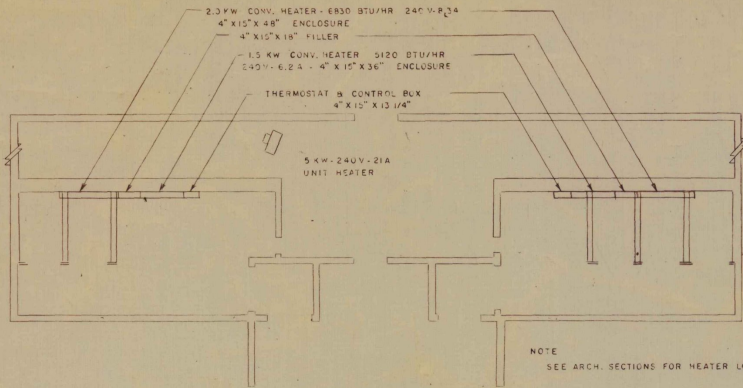
PERCOLATION RATE 12 MIN/INCH
 ALLOWABLE APPLICATION RATE 498 GAL/DAY/SF
 SEWAGE FLOW 3000 GPD
 LEACHING AREA 2040 SF
 LENGTH OF 3' WIDE TRENCH 680 FT
 LEACHING LINES - NO & LENGTH 10 @ 68 FT
 NO. OF DISTR. BOXES 3
 SEPTIC TANK SIZE 4250 GAL. (64" X 29' - 10")

Southbound Rest Area
 ROADSIDE REST FACILITIES
 PLUMBING (GEC-48-004, M-1)

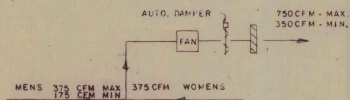
STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

PROJECT SHARON NO I 89-(42)
 SCALE 1/4"=1'-0" SHEET 16 OF 33

P.1



VENTILATION SYSTEM
SUPPLY



VENTILATION SYSTEM
EXHAUST

FLOW DIAGRAMS
NO SCALE

* (REST AREA PLANS)

AS

Sharon

1972

I-89-1 (42)

1972