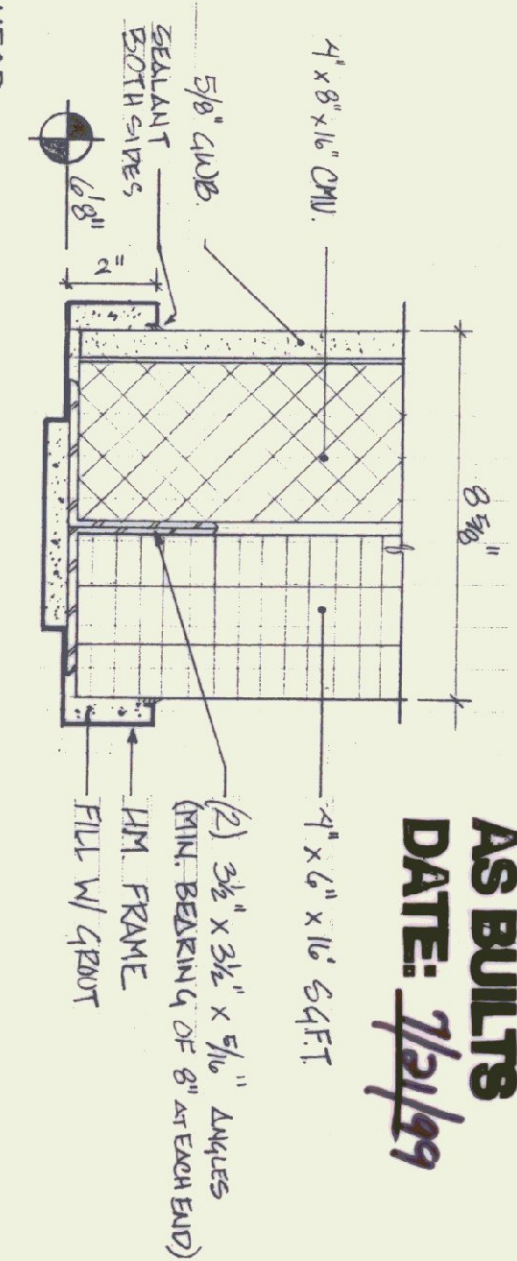
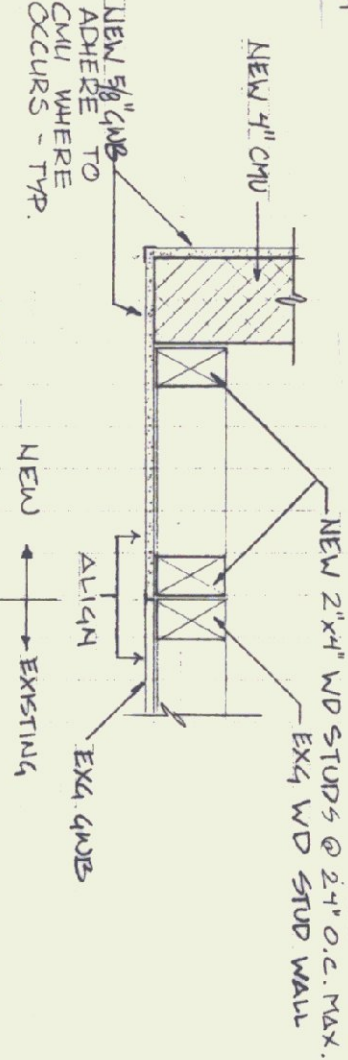


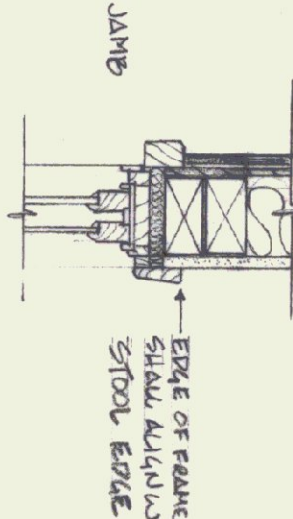
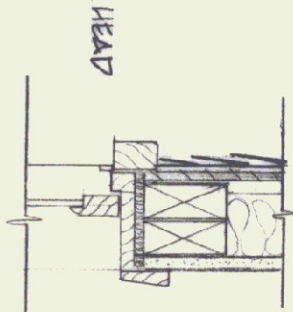
DOOR SCHEDULE												
DOOR #	DOOR				FRAME			UNTEL	THR.	LABEL	HMR GROUP	REMARKS
	TYPE	MAT	W	H	MAT.	HEAD	JAMB					
101	EXISTING TO BE REMOVED											(EXG. ENTRY DOOR)
102	EXISTING TO BE REMOVED											(EXG. ENTRY DOOR)
103	EXISTING TO BE REMOVED											▶▶▶
104	EXISTING TO BE REMOVED											▶▶▶
201	A	AL	3'-0"	6'-8"	AL	02/3.5	*	--	03/3.5	--	*	* SEE SECTION 08400
202	A	AL	3'-0"	6'-8"	AL			--	05/3.5	--	*	* SEE SECTION 08400
203	EXISTING TO REMAIN											▶
204	EXISTING TO REMAIN											▶▶▶
205	B	HM	2'-6"	6'-8"		04/3.3	04/3.3	--	--	--	2	
206	B	HM	3'-0"	6'-8"		08/3.3	07/3.3	YES	--	--	1	
207	C	HM	3'-0"	6'-8"	HM	06/3.3	05/3.3	YES	12/3.5	C	2	PROVIDE 6"x6" ONE WAY LITE CENTERED @ 5'-0" A.F.F.
208	B	HM	3'-6"	6'-8"		11/3.3	10/3.3	--	*	--	EX 01	* USE SAME THRESHOLD AS ENTRY DOORS
209	D	HM	2'-0"	4'-0"	HM	--	--	--	--	--		MFR. PROVIDES FRAME AND HMR
210	D	HM	2'-0"	2'-0"	HM	--	--	--	--	--		MFR. PROVIDES FRAME AND HMR (BY 1/8" C.S.) COORDINATE LOCATION WITH MECHANICAL, ELECTRICAL AND STRUCTURAL COMPONENTS



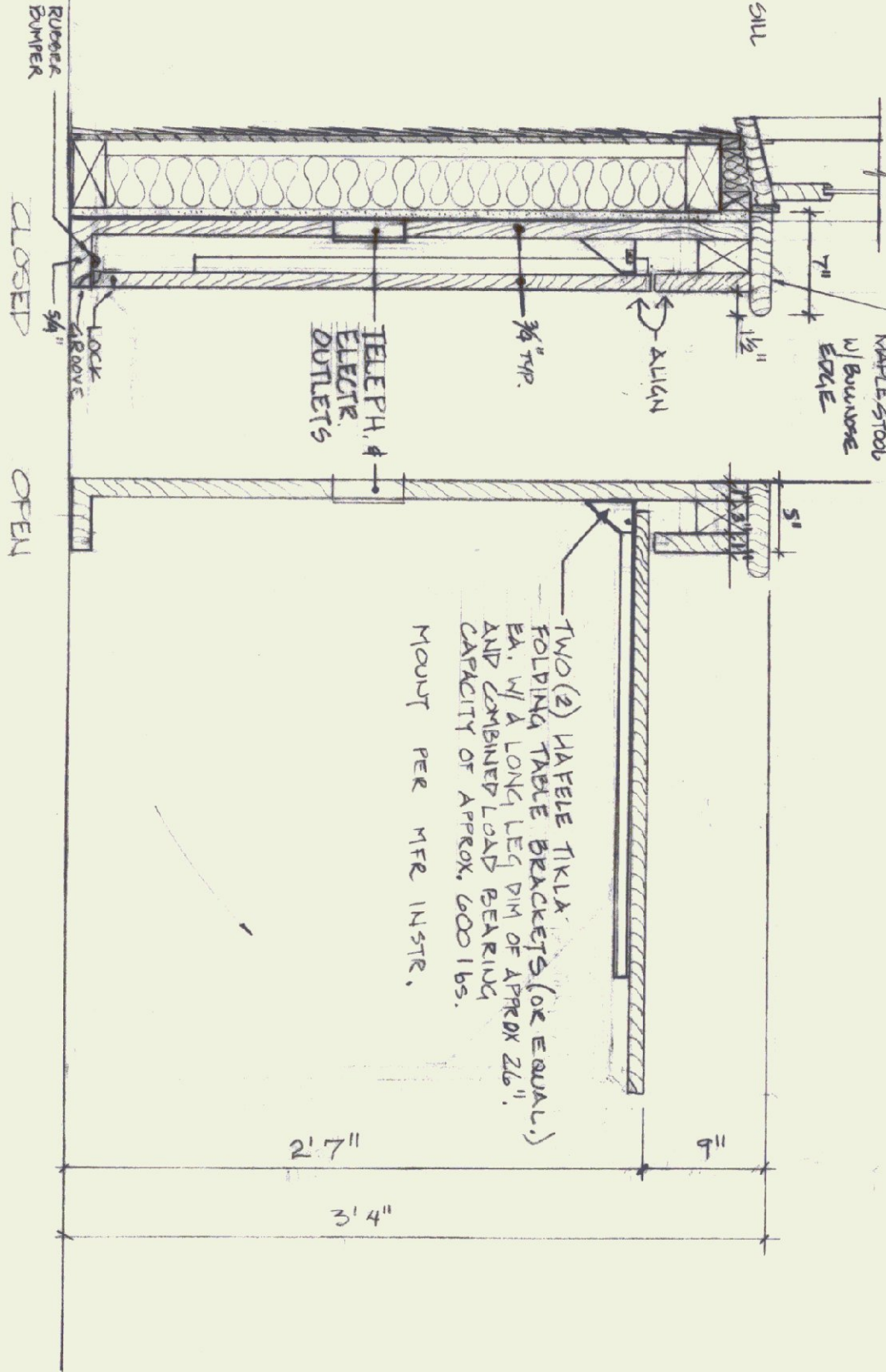
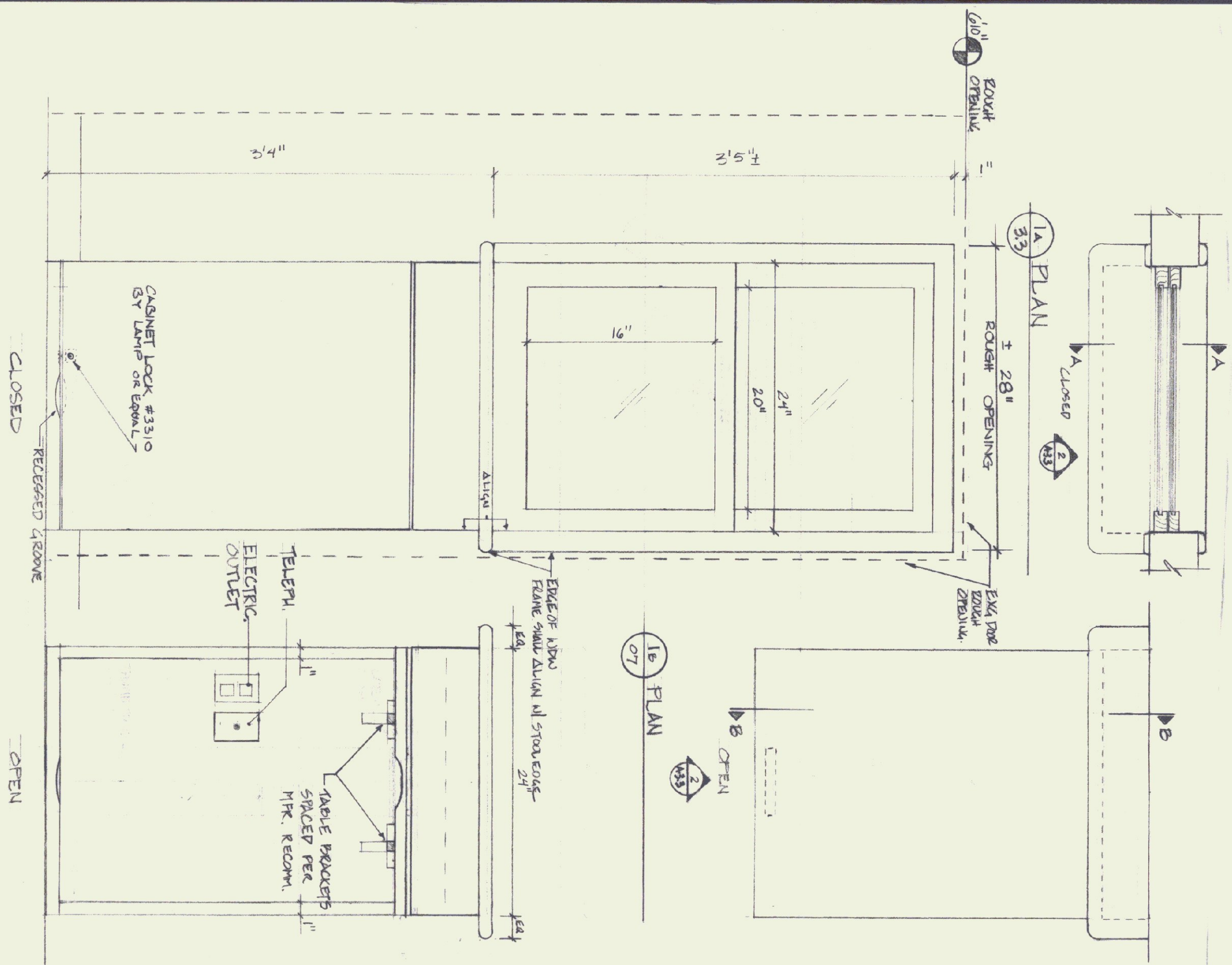
TYPE B: FLUSH HOLLOW METAL
TYPE C: FLUSH HM WITH 6"X6" ONEWAY LITE
TYPE D: ACCESS DOOR HATCH



NOTE:
WHERE EXG. DOOR & FRAME IS
REMOVED, INFILL W/ NEW MID STUD
WALL SYSTEM AND ALIGN W/ CMU WALL.



1. AT ALL WORKING LOCATIONS - COUNTERSINK SCREWS & PLUGS.
2. BOUND THREADS OF NEW LADDS SHALL FIT INTO EX. BOUND THREADS. FROM REMOVED EX. DOOR AT TOP AND THE SILE CORRESPOND TO EXISTING ROSE. (SEE 3/17)
3. IN MAINTAINING THIS DESK, KEEP IN MIND THAT IT SHOULD BE AS VIBRANT RESISTANT AS POSSIBLE.
4. WINDOWS SHALL BE DOUBLE-HUNG (ALSO) WITH A GLASS SIZE OF 80"x60" MAXIMUM. STABLE, POZZI, KALE & KADE
5. ALL CONSTRUCTION TO BE 5/8" MAFE W/ CLEAR FIN. (VARIETY FINISHES NOT ACCEPTABLE)



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

SECTION A.A
3.3 N.I.T.S.

35 SECTION BB
3.3 N.T.S.

FOLDING TABLE & WINDOW

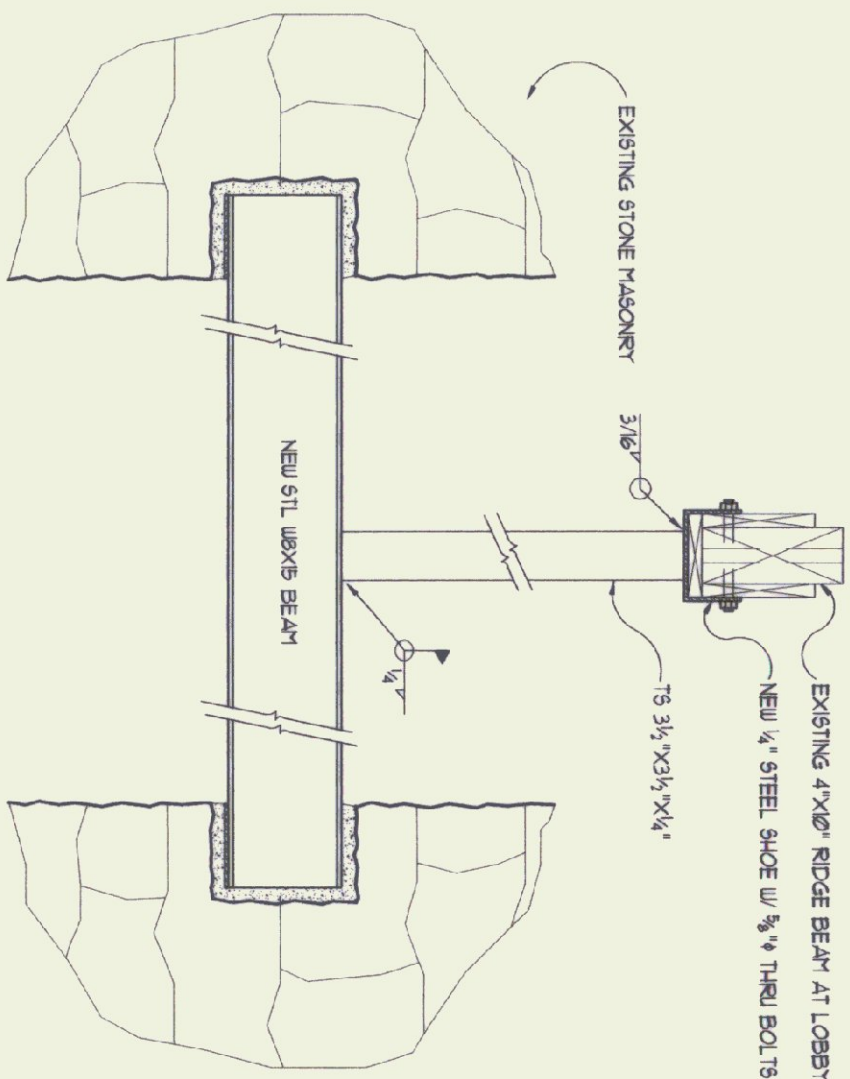
AS BUILT
DATE: 7/21/98

DATE: 7/21/98

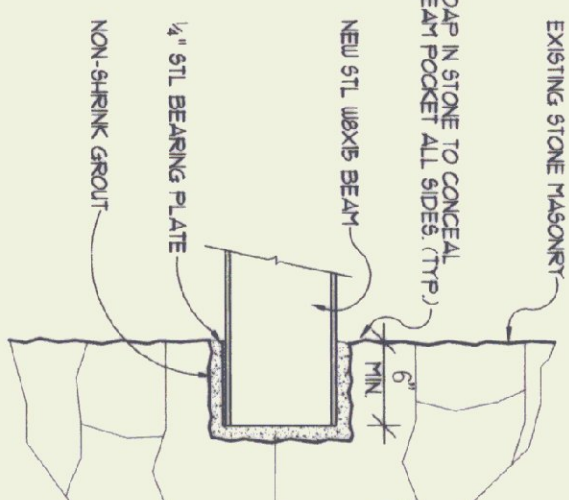
GEORGIA INTERSTATE 89 REST AREAS NORTHBOUND AND SOUTHBOUND

STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

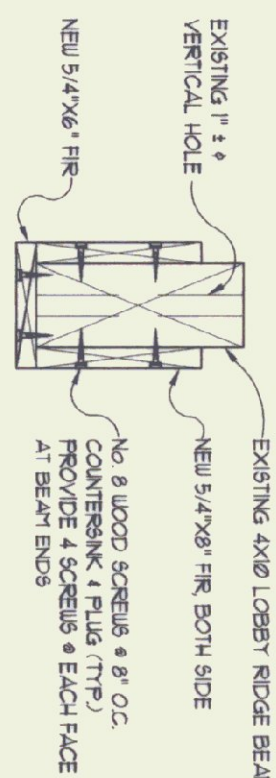
DATE :	SCALE :	REVISIONS :	DRAWING NAME
AUGUST 21, 1996	AS NOTED		FOLDING TABLE
			DOOR AND
			WINDOW SCHED
DRAWN BY :	PROJECT NO.		DRAWING NO :
MSB	M 089-3 (30)		
CHECKED BY :			
JBA			A-3.3



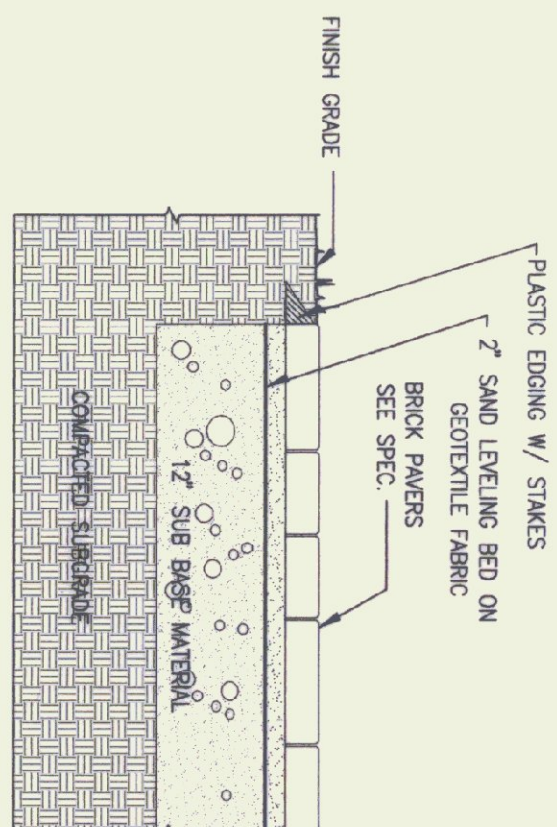
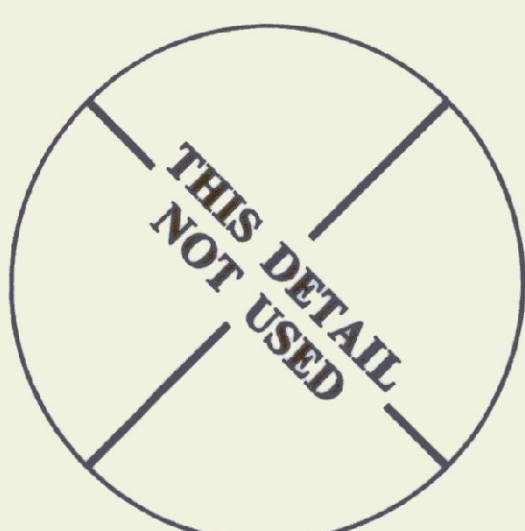
1 RIDGE BEAM SUPPORT
SCALE: 1" = 1'-0"



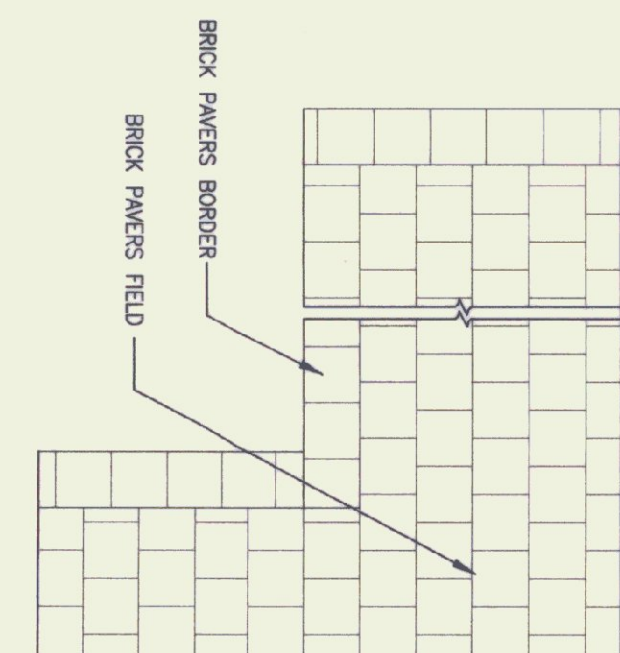
2 BEAM POCKET DETAIL
SCALE: 1" = 1'-0"



3 RIDGE BEAM REINFORCEMENT
SCALE: 1-1/2" = 1'-0"

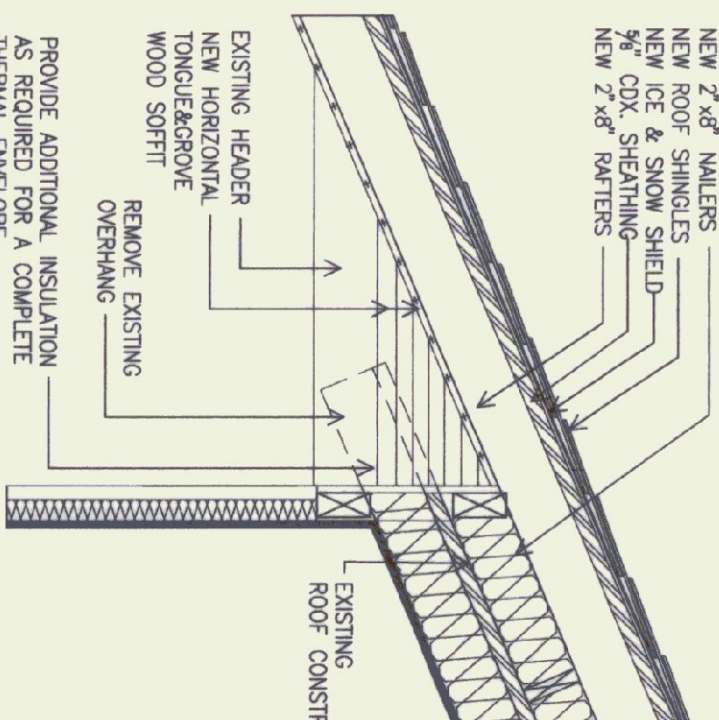


4 ASPHALT PAVEMENT
SCALE: 1" = 1'-0"

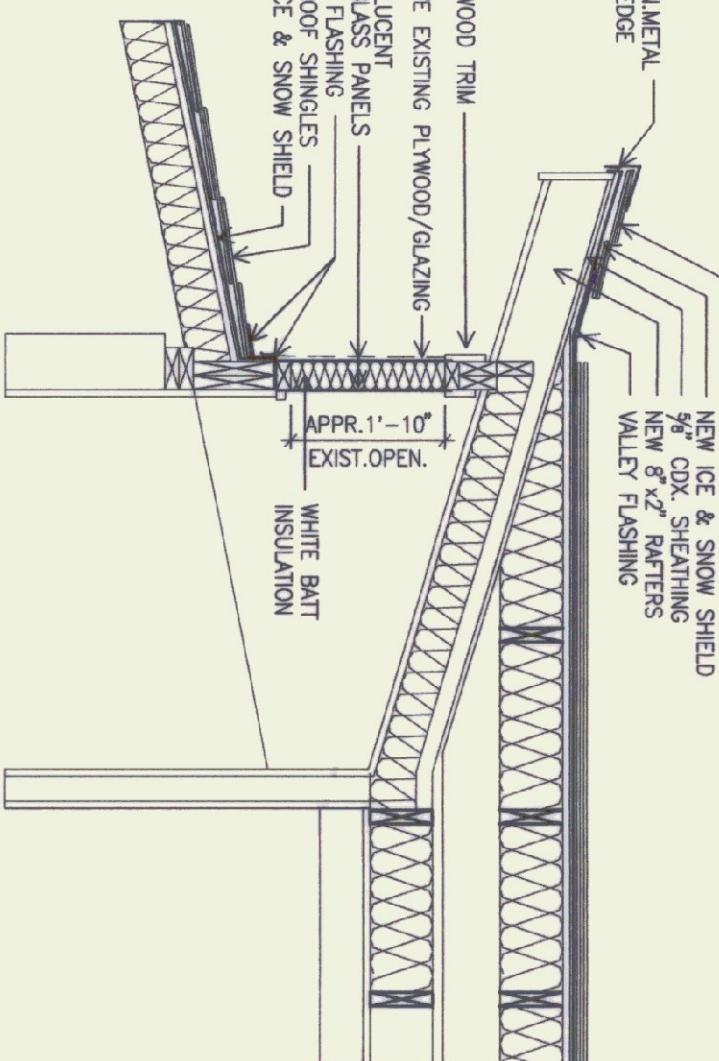


5 SITE - PRECAST PAVERS
SCALE: 1" = 1'-0"

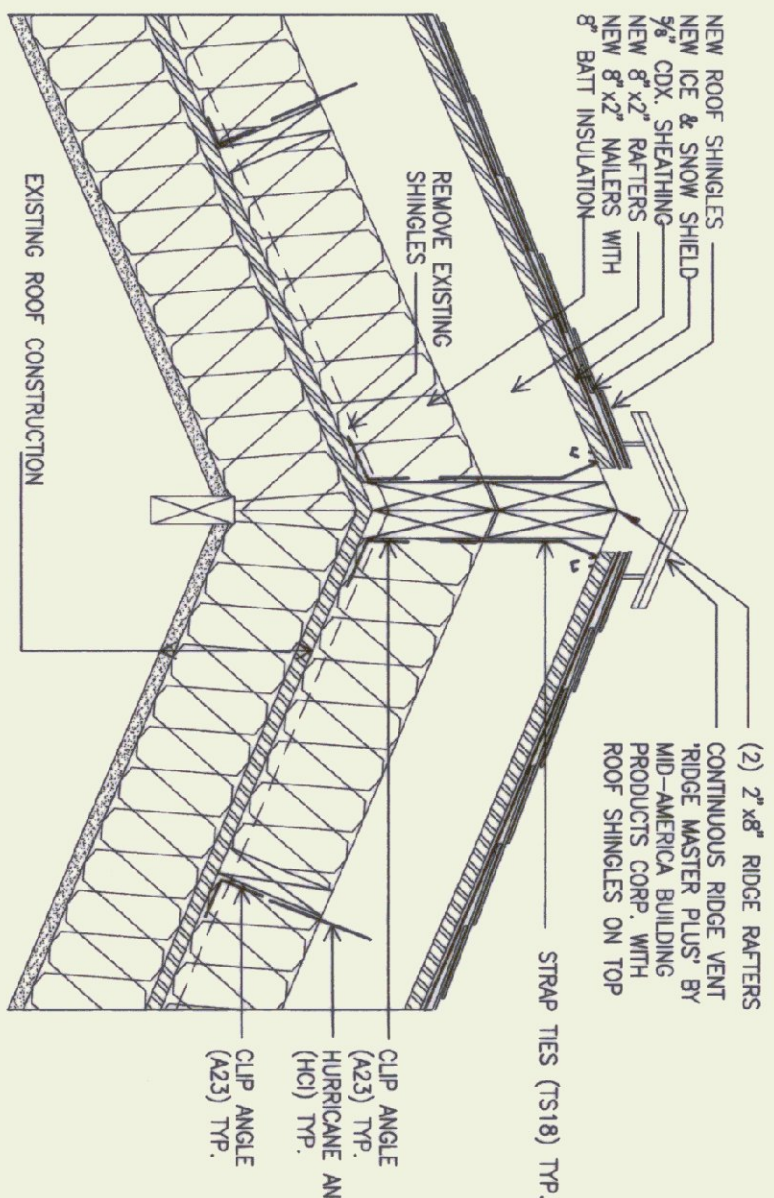
6 SITE - PRECAST PAVERS PATTERN
SCALE: 1" = 1'-0"



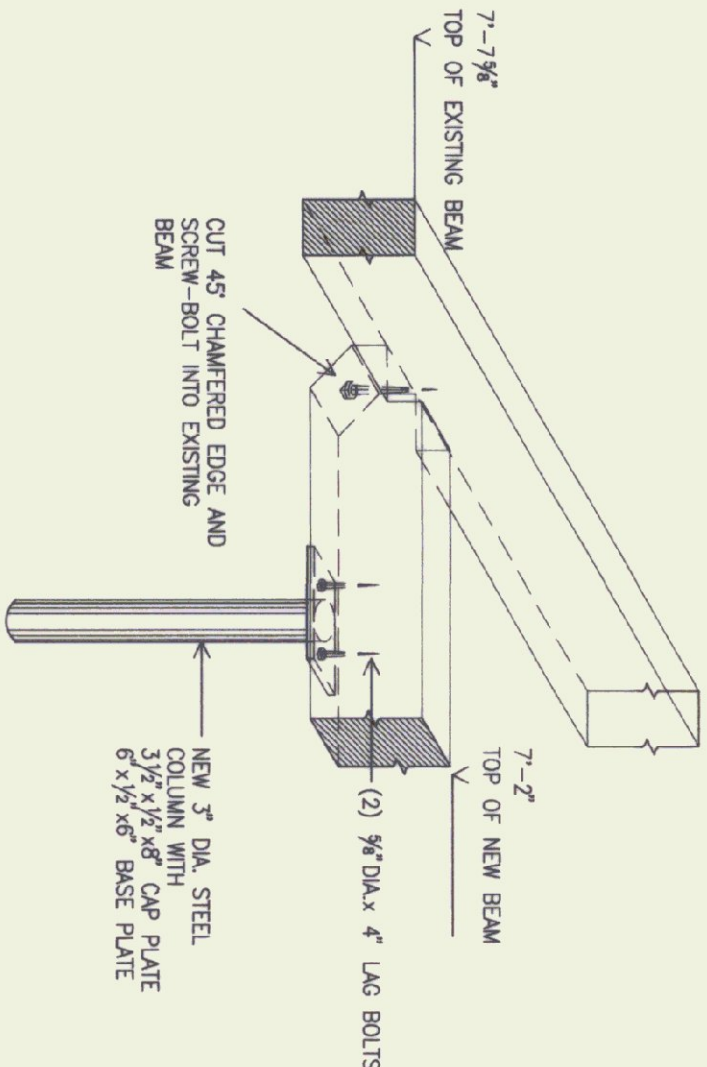
6 ROOF SECTION DETAIL AT EXG / NEW ROOF
SCALE: 1" = 1'-0"



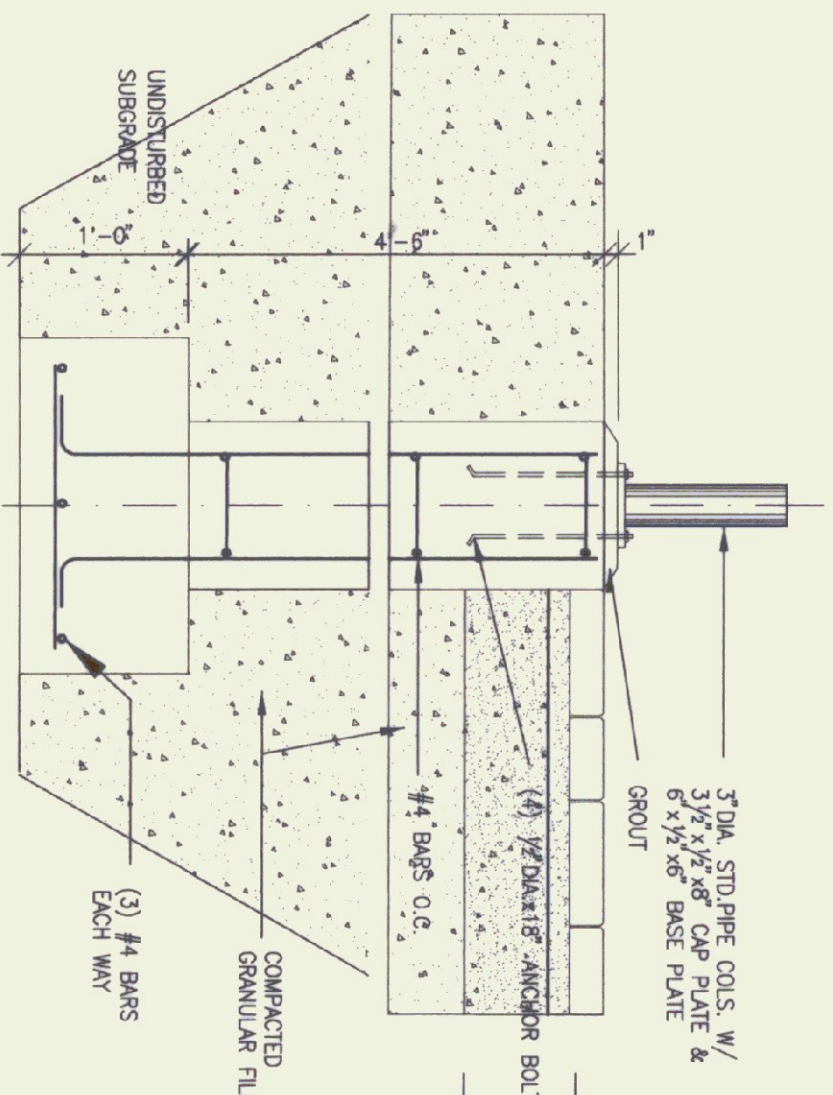
7 ROOF SECTION
SCALE: 1" = 1'-0"



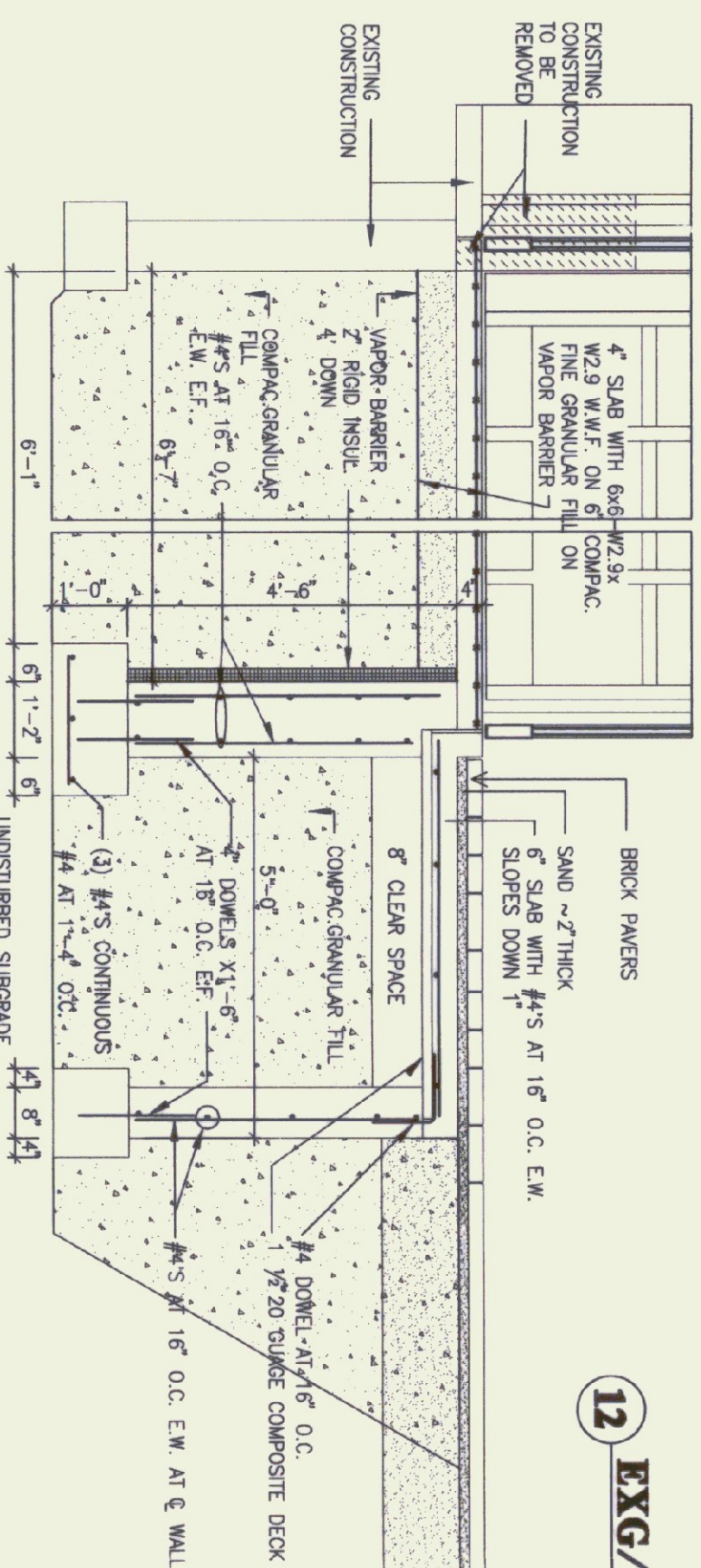
8 TYPICAL ROOF RIDGE
SCALE: 1" = 1'-0"



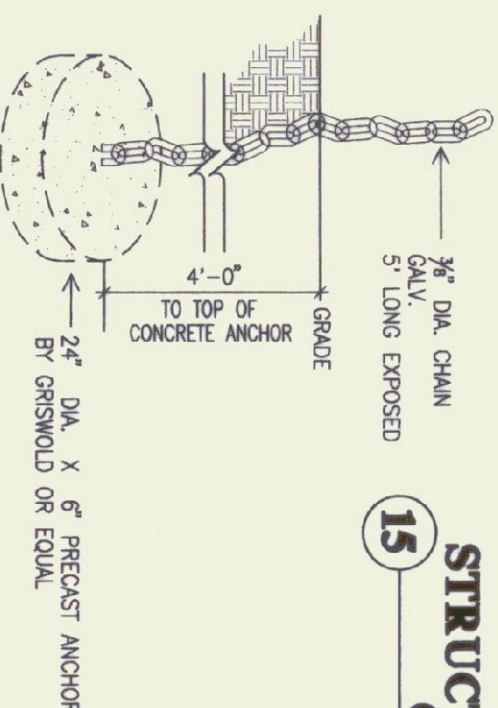
9 TYPICAL ROOF VALLEY
SCALE: 1" = 1'-0"



10 ROOF SECTION DETAIL AT EXG / NEW ROOF
SCALE: 1" = 1'-0"



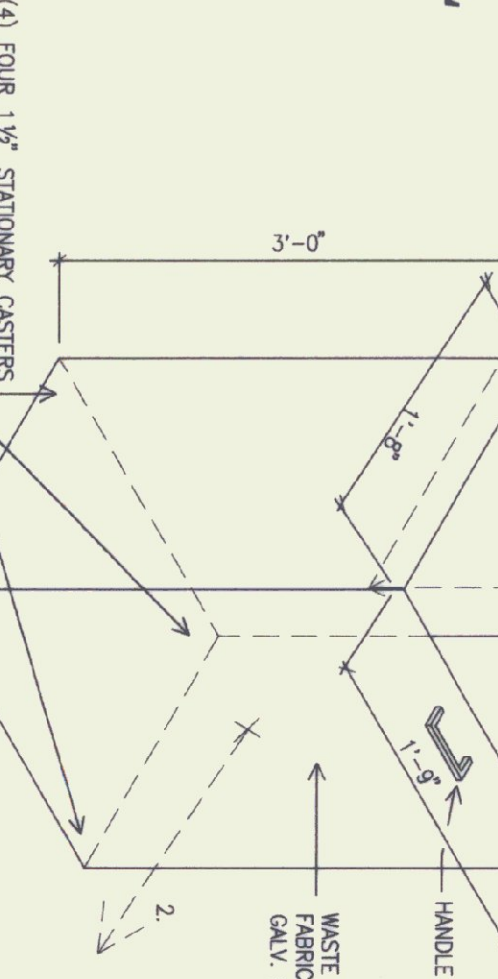
11 TYPICAL ROOF RIDGE
SCALE: 1" = 1'-0"



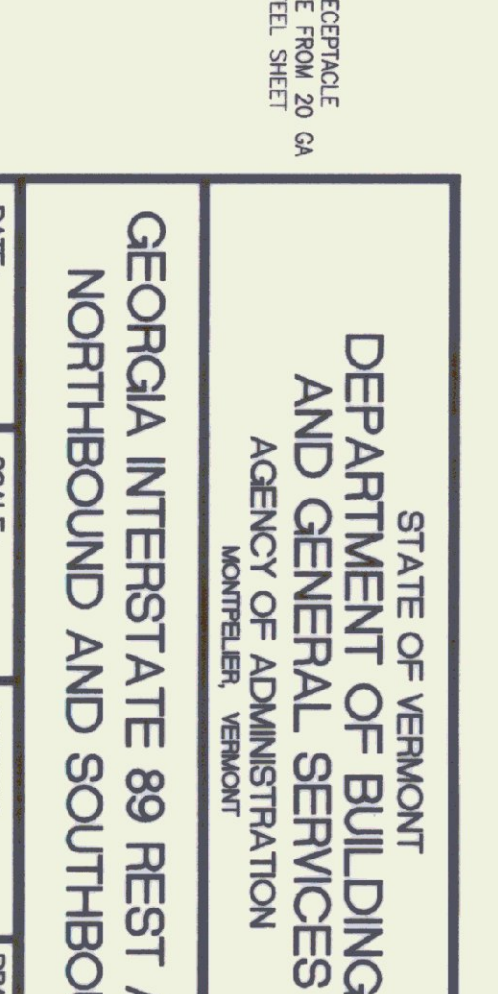
12 DETAIL, ISOMETRIC
SCALE: 1" = 1'-0"



13 STRUCTURAL FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



14 CONCRETE ANCHOR FOR PICNIC TABLE AND BENCHES
SCALE: 1/2" = 1'-0"

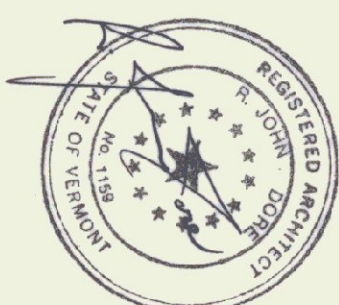


15 STRUCTURAL FOUNDATION DETAIL
SCALE: 1" = 1'-0"



16 WASTE RECEPTACLE DETAILS
SCALE: 1" = 1'-0"

AS BUILT
DATE: 7/2/99

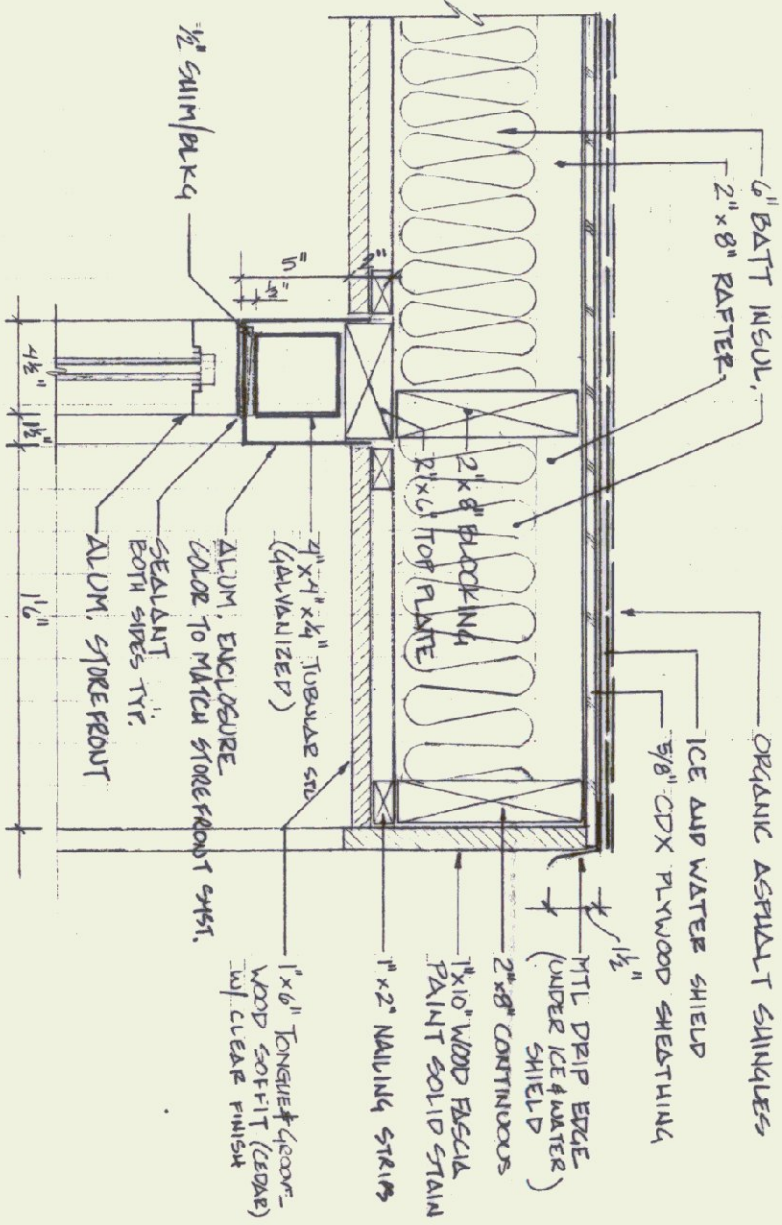


NOTE:
VERIFY DIMENSIONS FOR WASTE RECEPTACLE
IN FIELD PRIOR TO FABRICATION

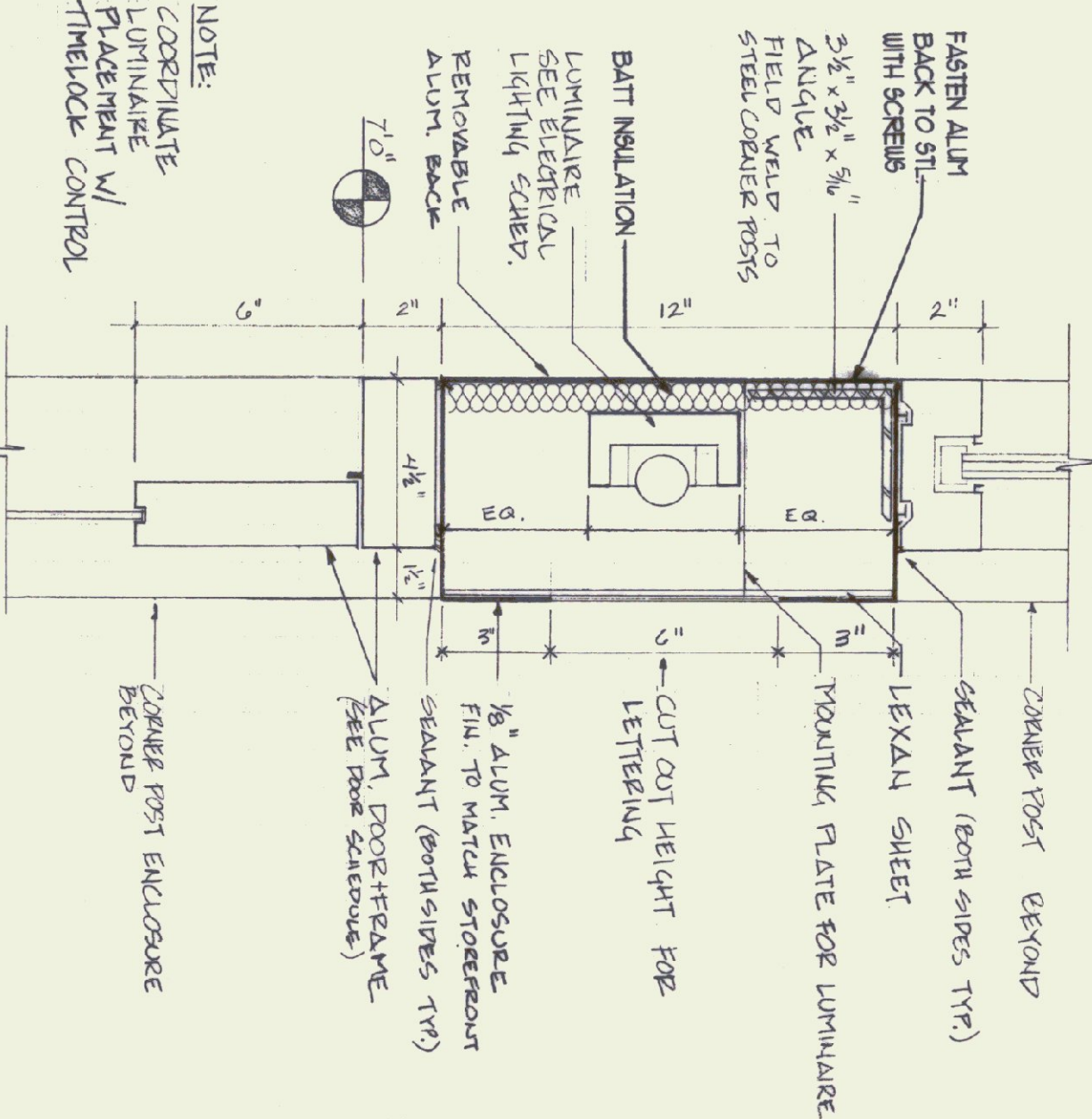
STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
CONTROLLER, VERMONT

GEORGIA INTERSTATE 89 REST AREAS
NORTHBOUND AND SOUTHBOUND

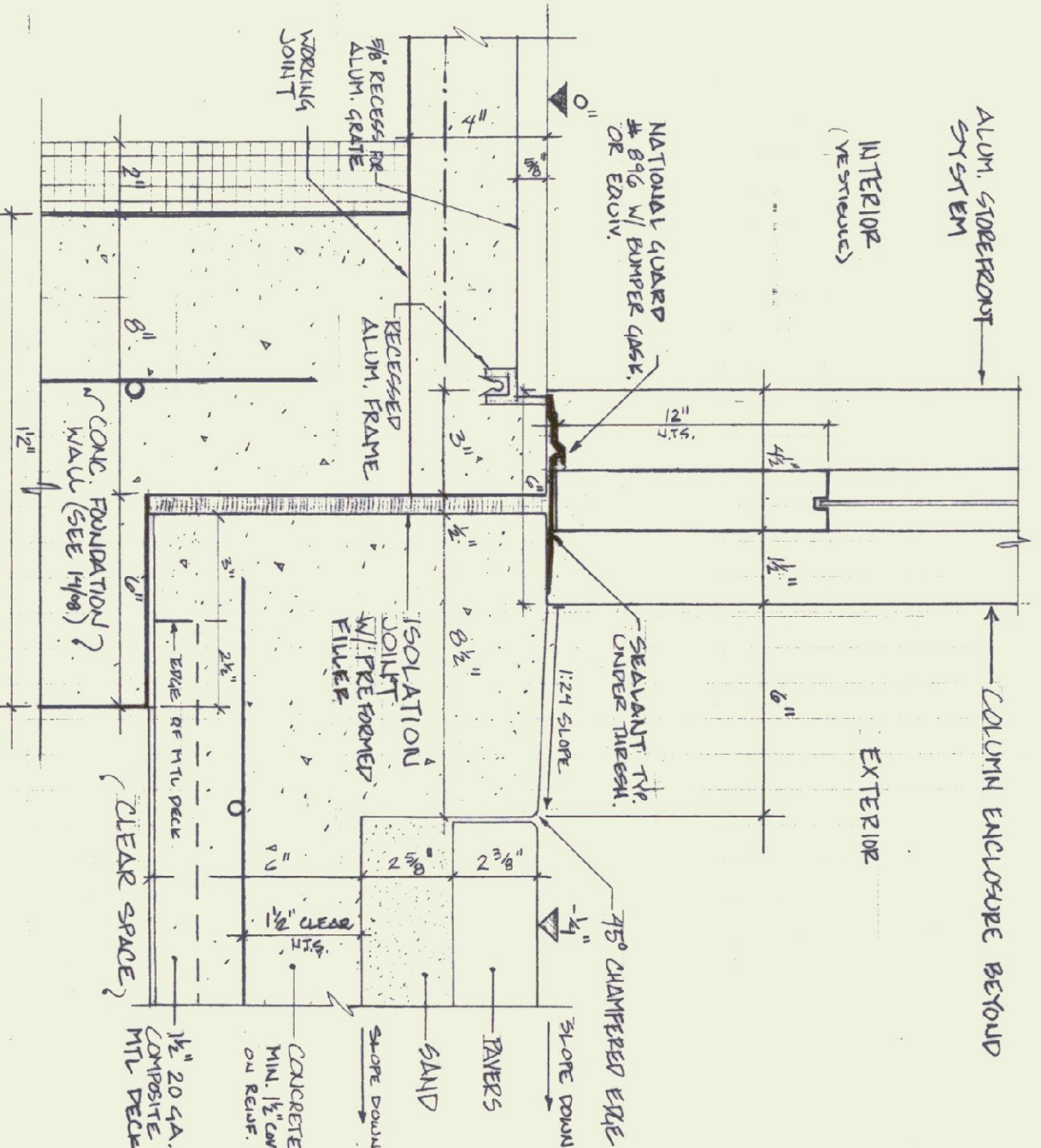
DATE:	SCALE:	REVISIONS:	DRAWING NAME:
AUGUST 21, 1998	AS NOTED		MISCELLANEOUS DETAILS
DRAWN BY: JBA	PROJECT NO. M-089-3 (00)		DRAWING NO. A-3.4
CHECKED BY: JBA			



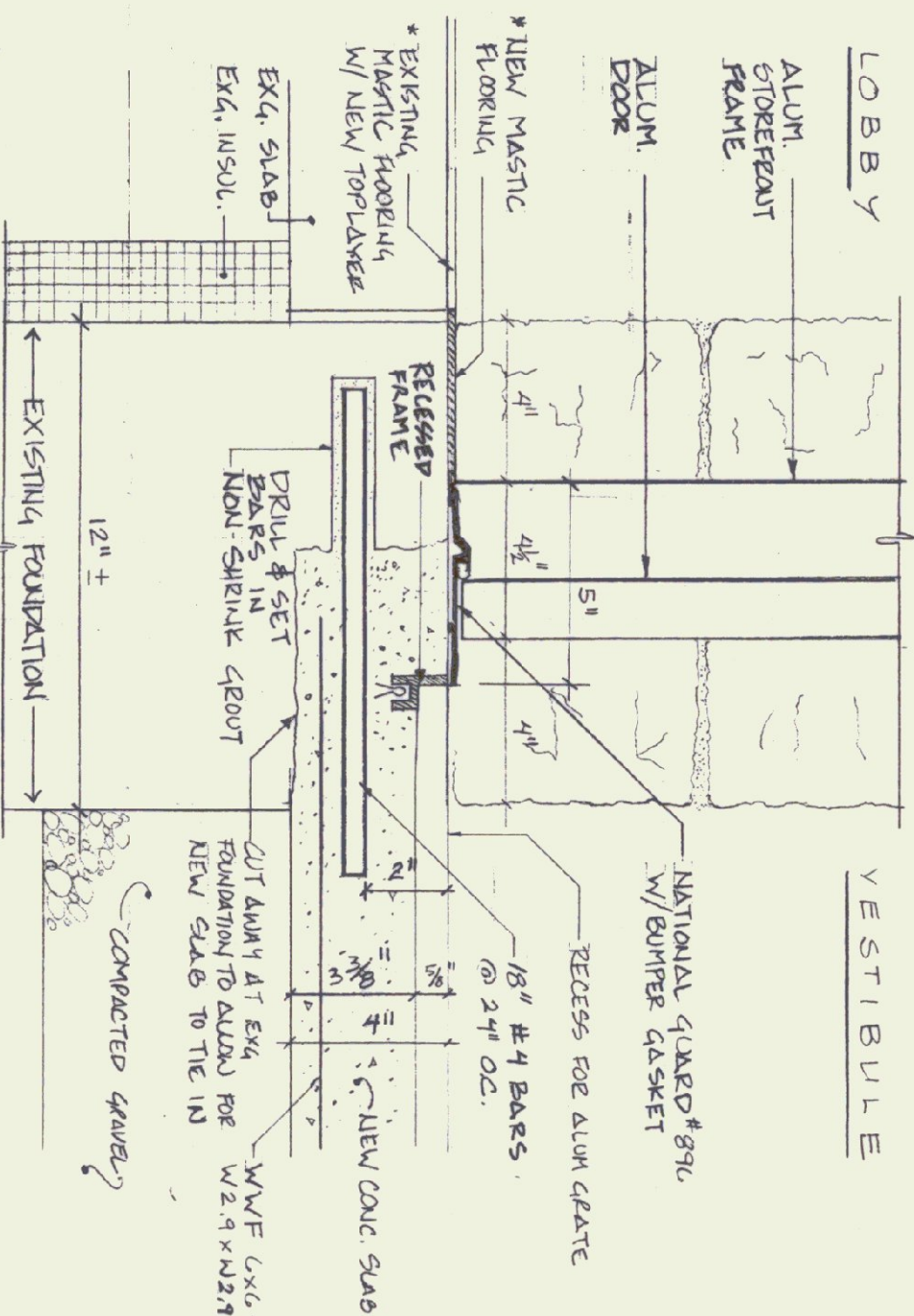
01 CONNECTION - STOREFRONT/ROOF
3.5 VESTIBULE 1 1/2'-1'-0"



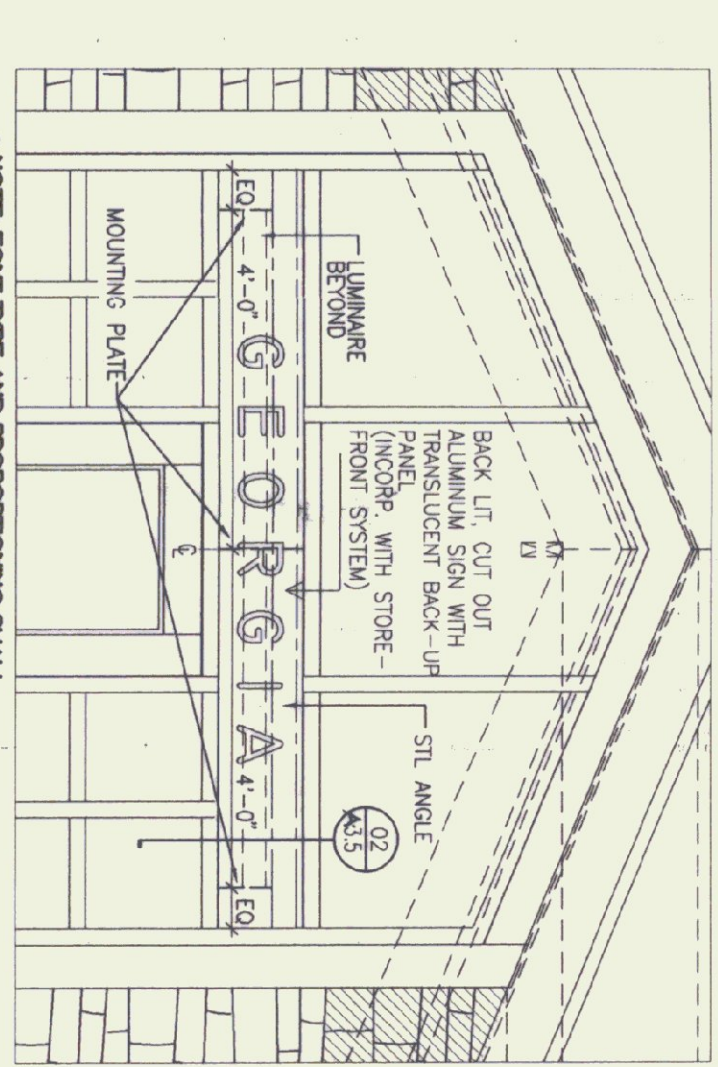
02 ENTRY - BACKLIT SIGN & DOOR HEAD
3.5 VESTIBULE 3'-1'-0"



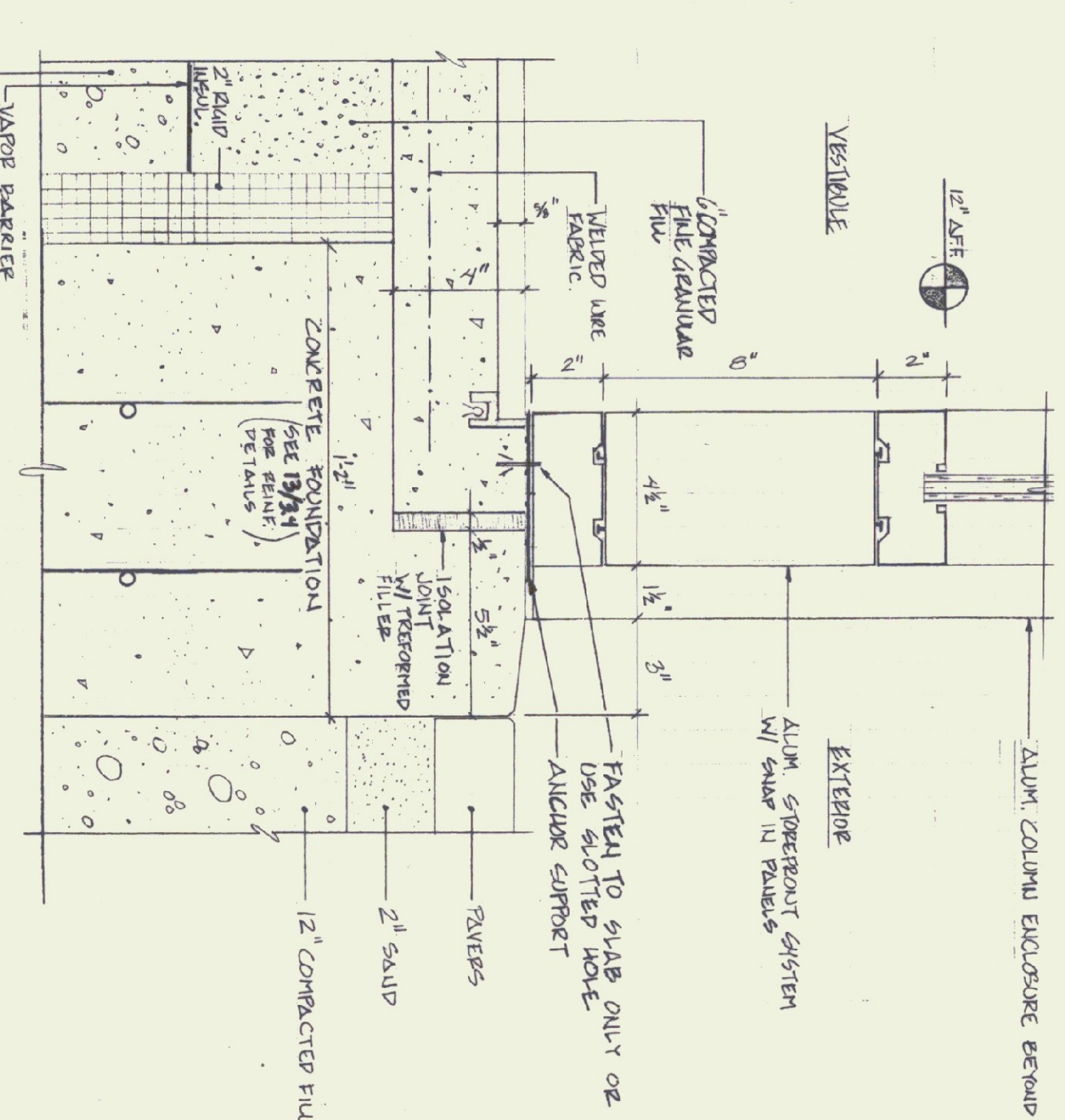
03 ENTRY - THRESHOLD SECTION
3.5 VESTIBULE DOOR #201 3'-1'-0"



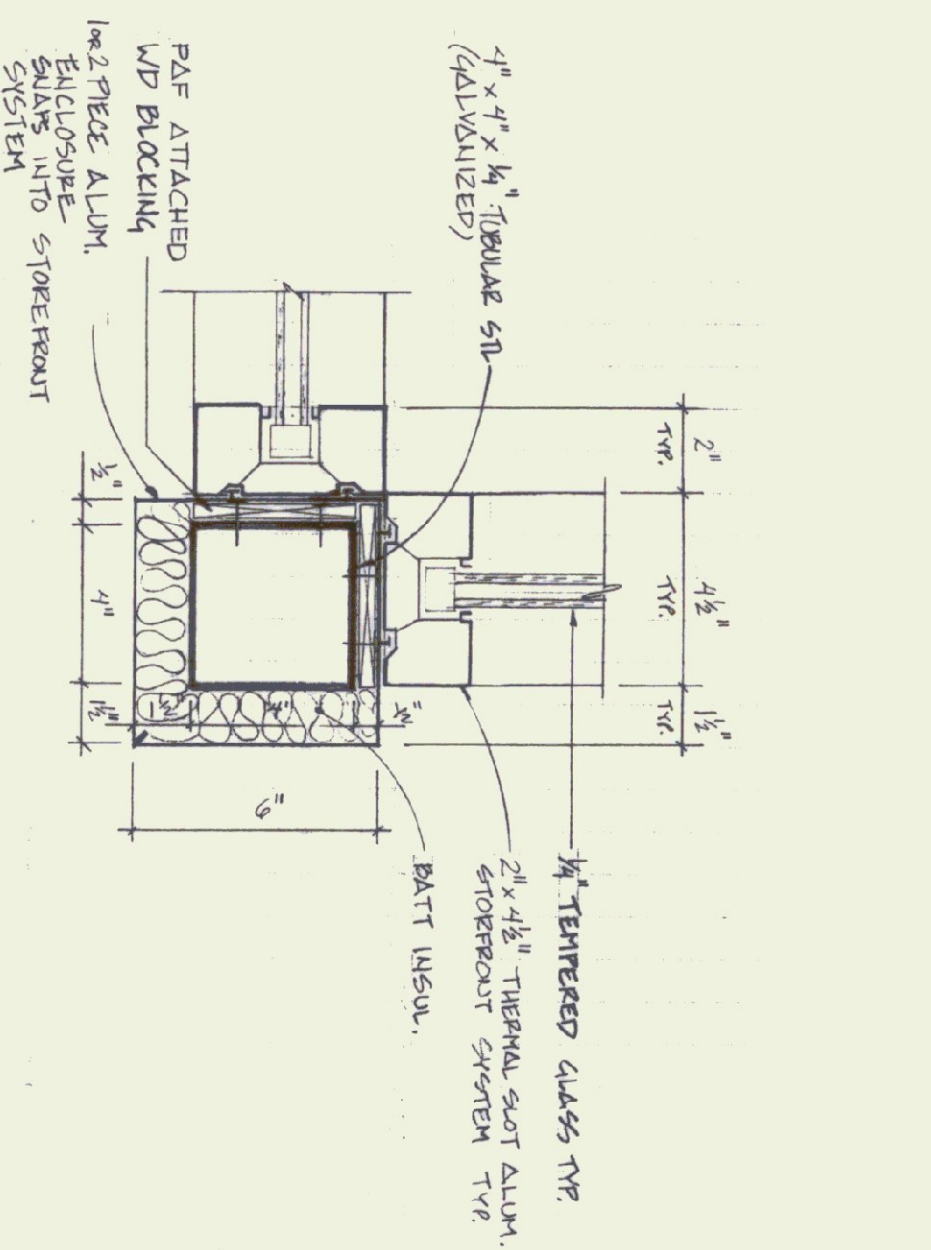
04 EXTERIOR STOREFRONT SILL
3.5 VESTIBULE 3'-1'-0"



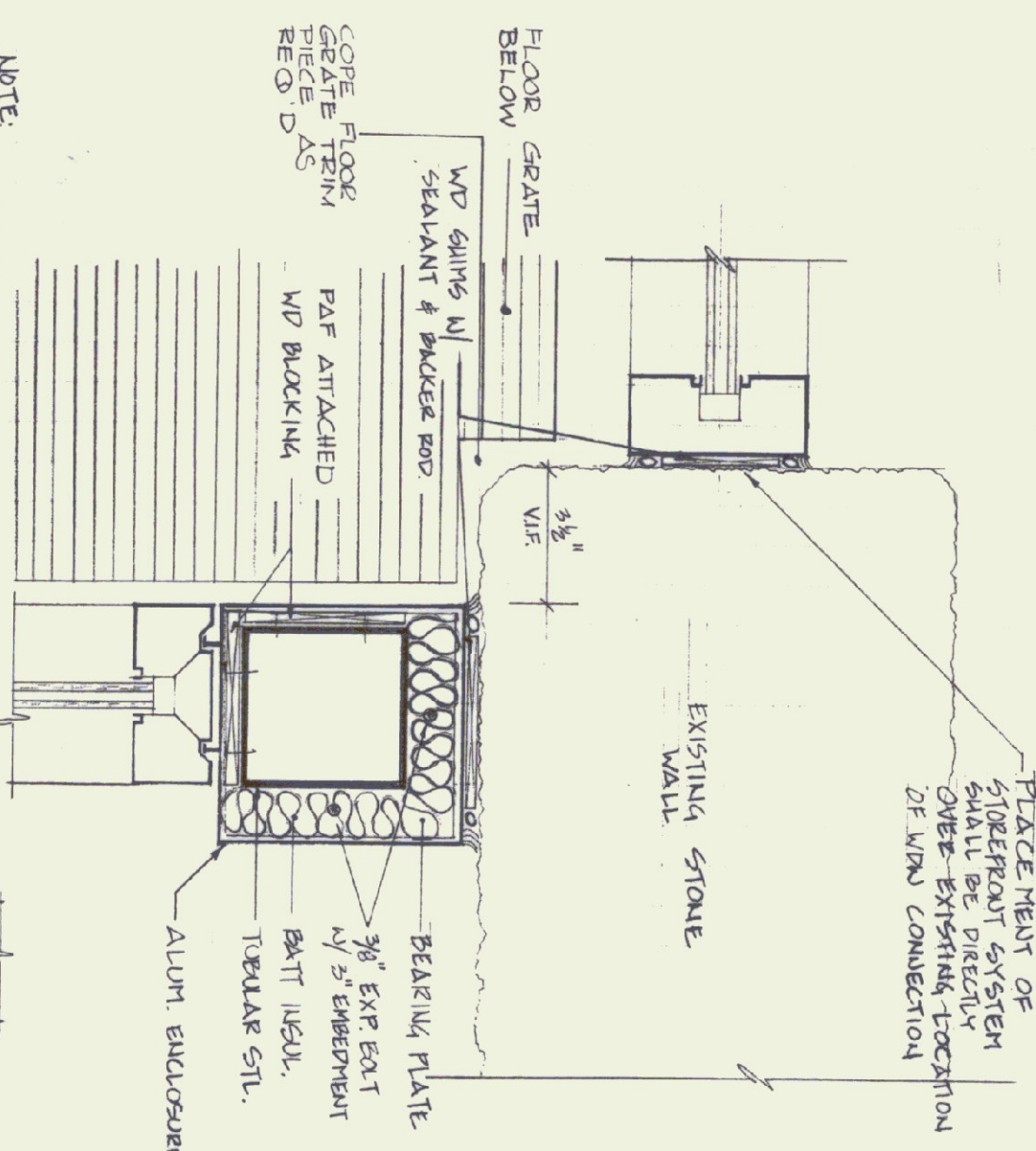
02A SIGN ELEVATION
3.5 VESTIBULE 1-1/2' = 1'



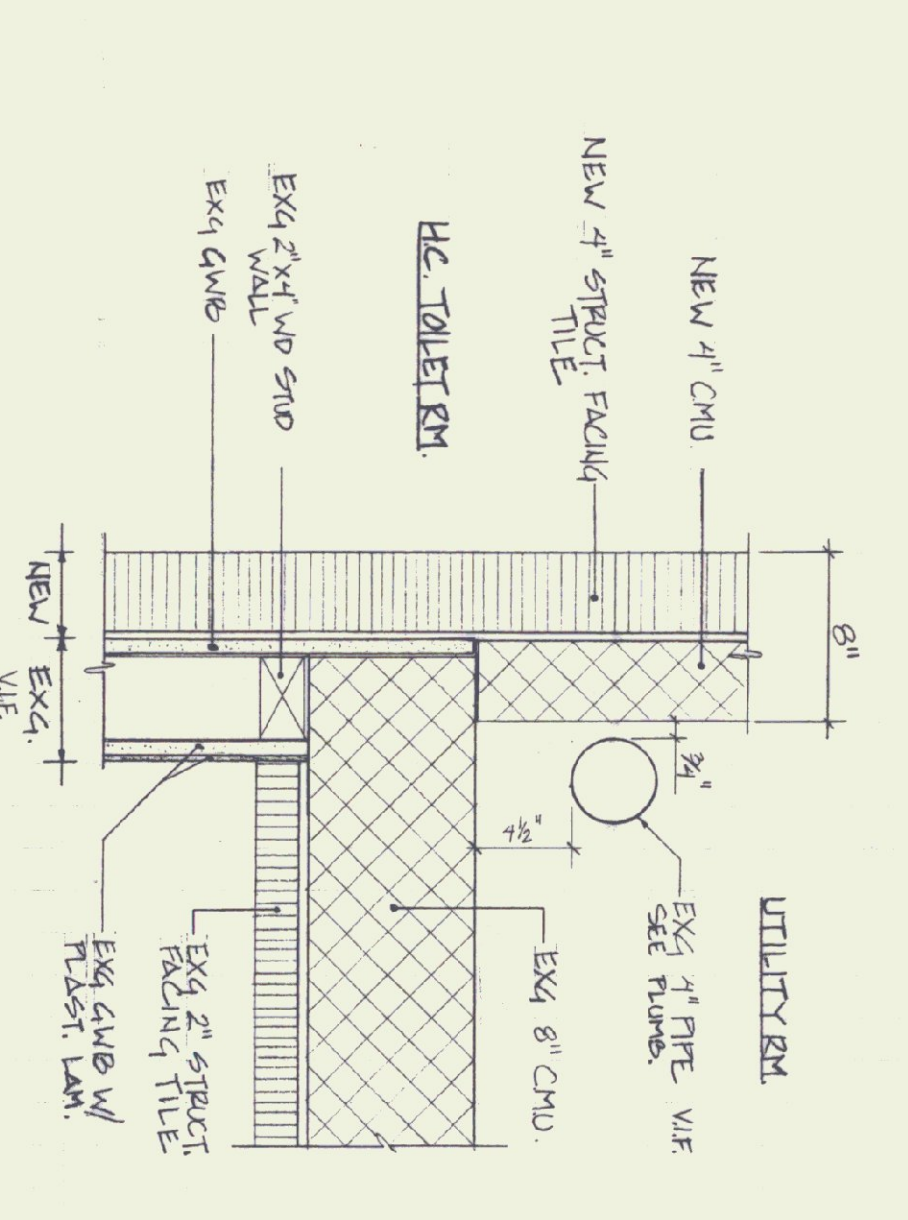
05 VESTIBULE
3.5 VESTIBULE 3'-1'-0"



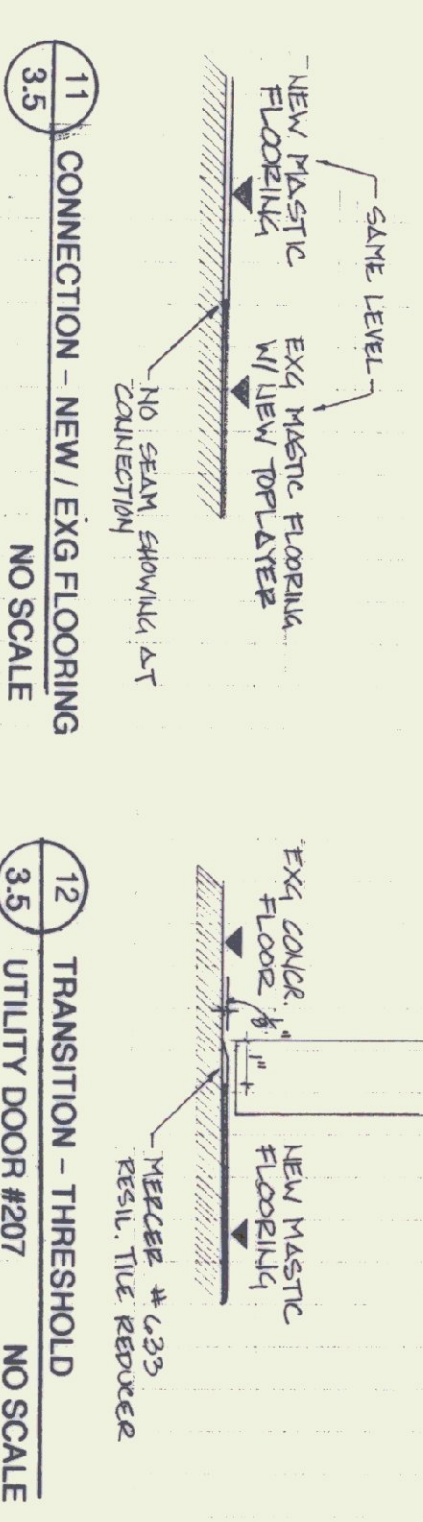
06 CORNER ENCLOSURE
3.5 VESTIBULE 3'-1'-0"



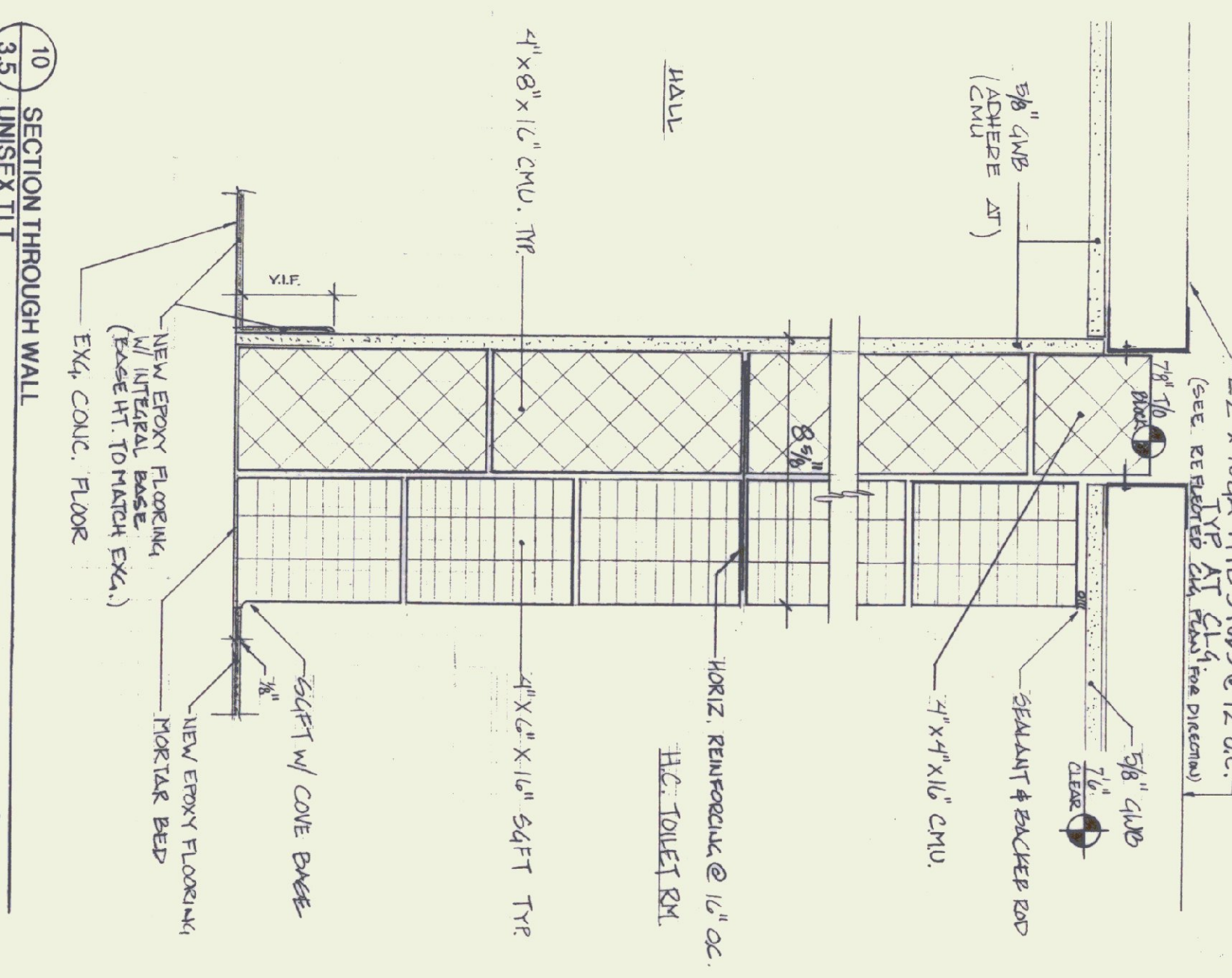
07 CONNECTION - STOREFRONT & EXISTING STONE WALL
3.5 VESTIBULE 3'-1'-0"



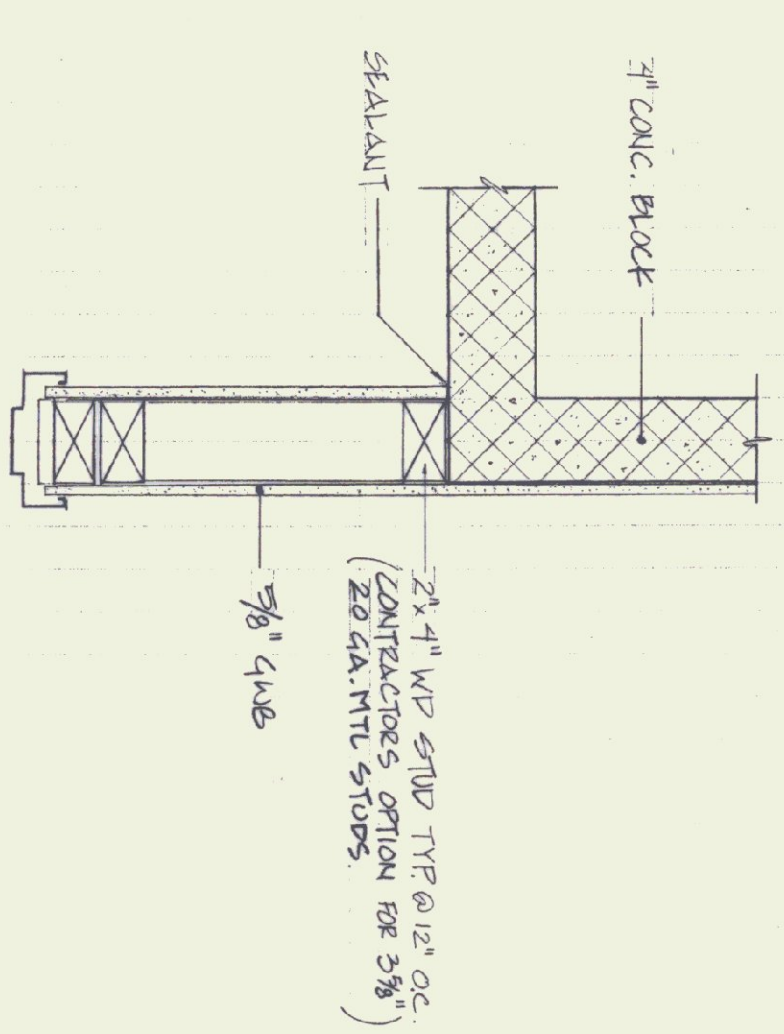
08 CONNECTION - WOMEN'S RESTRM / UTIL. RM / UNISEX RESTRM
3.5 VESTIBULE 1 1/2'-1'-0"



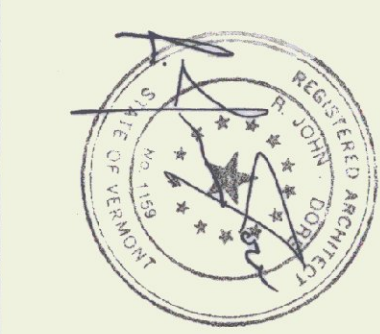
11 CONNECTION - NEW / EXG FLOORING
3.5 NO SCALE 12' TRANSITION - THRESHOLD
3.5 UTILITY DOOR #207 NO SCALE



10 SECTION THROUGH WALL
3.5 UNISEX TLT 3'-1'-0"



09 CONNECTION - CMU/WD STUD WALL
3.5 CLOSET RM #08 1 1/2'-1'-0"

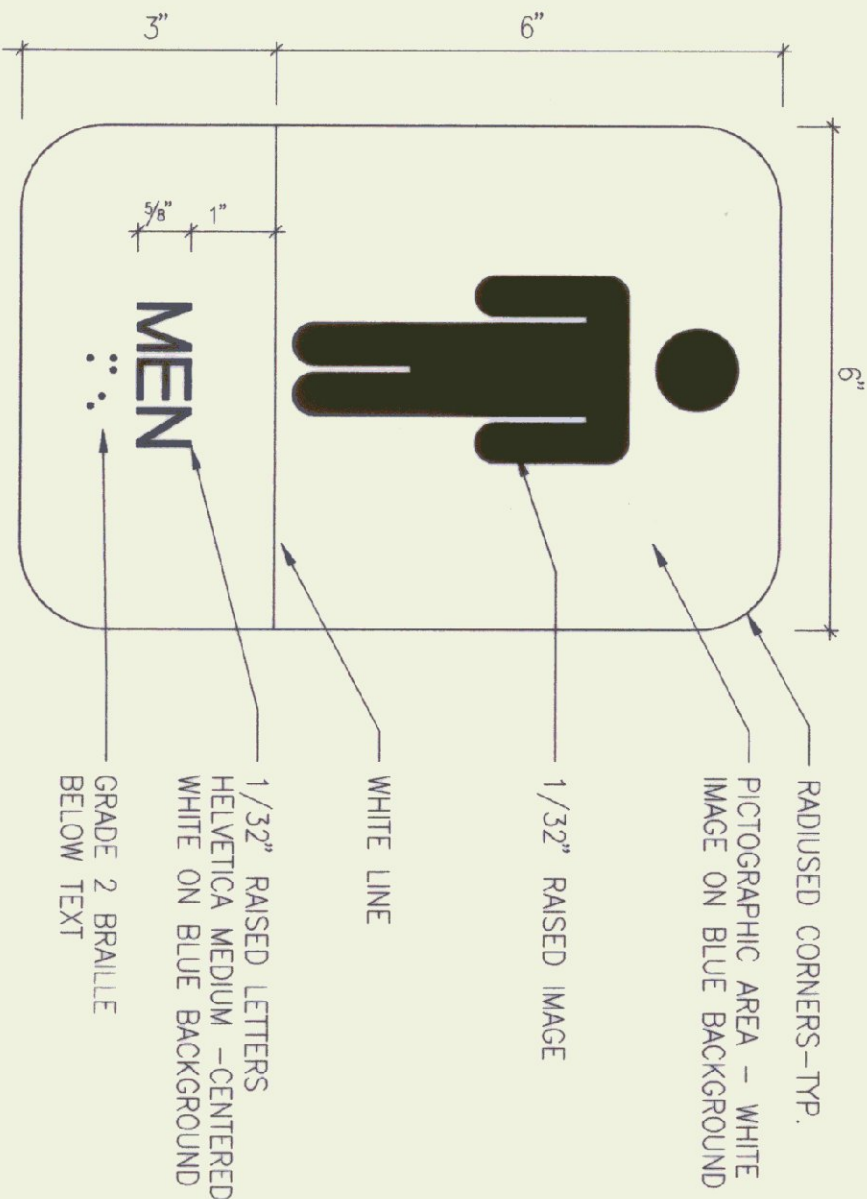
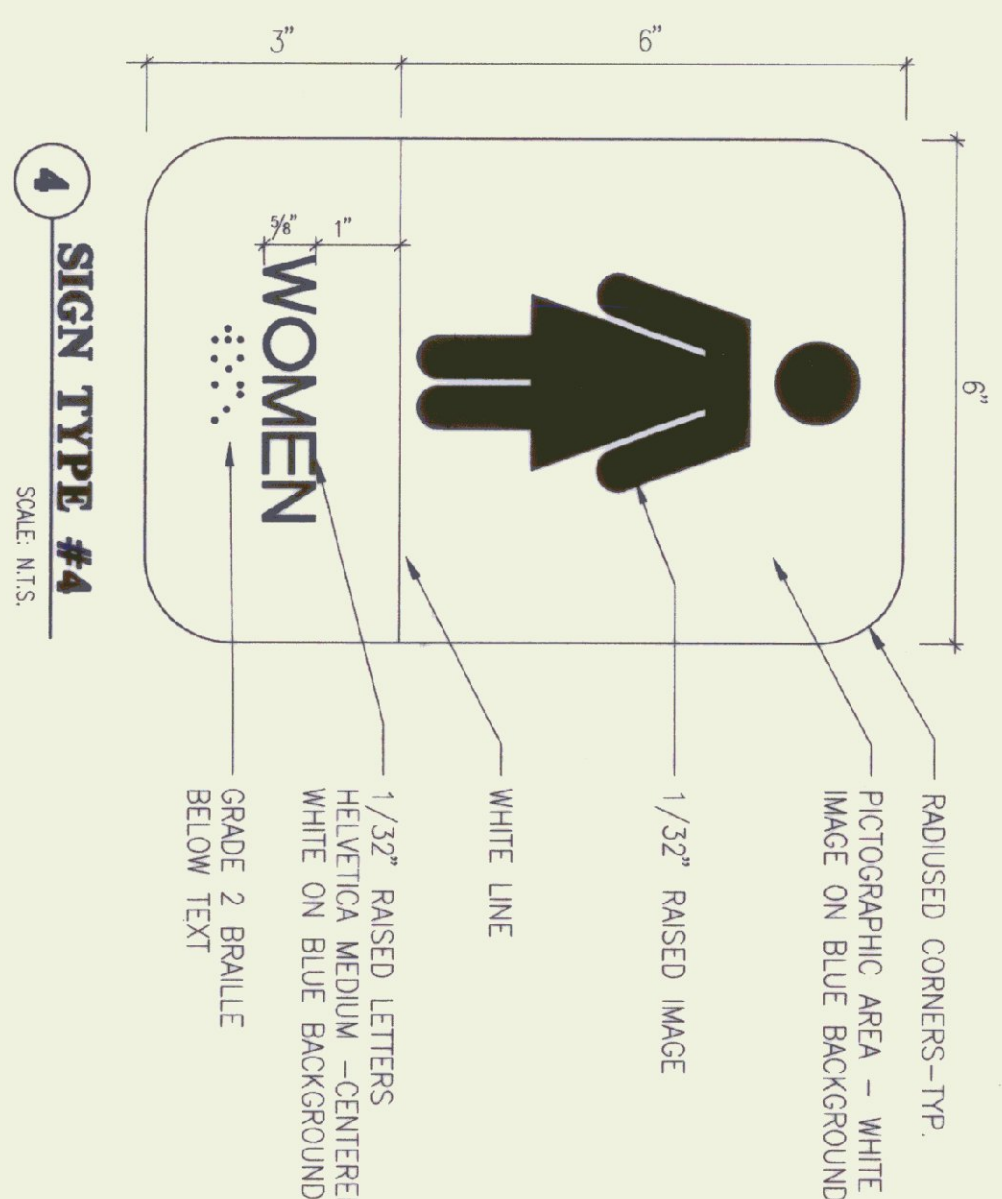
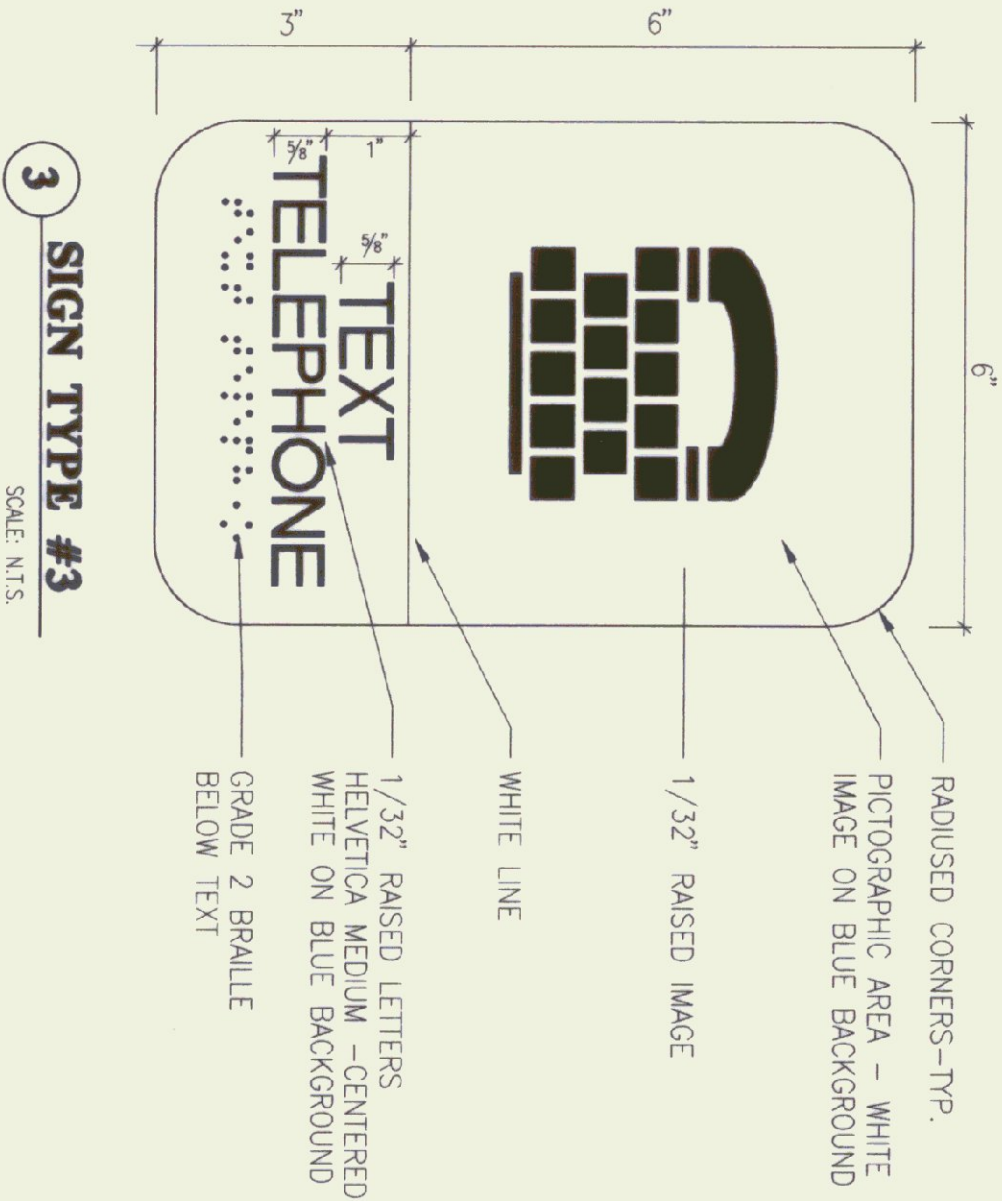
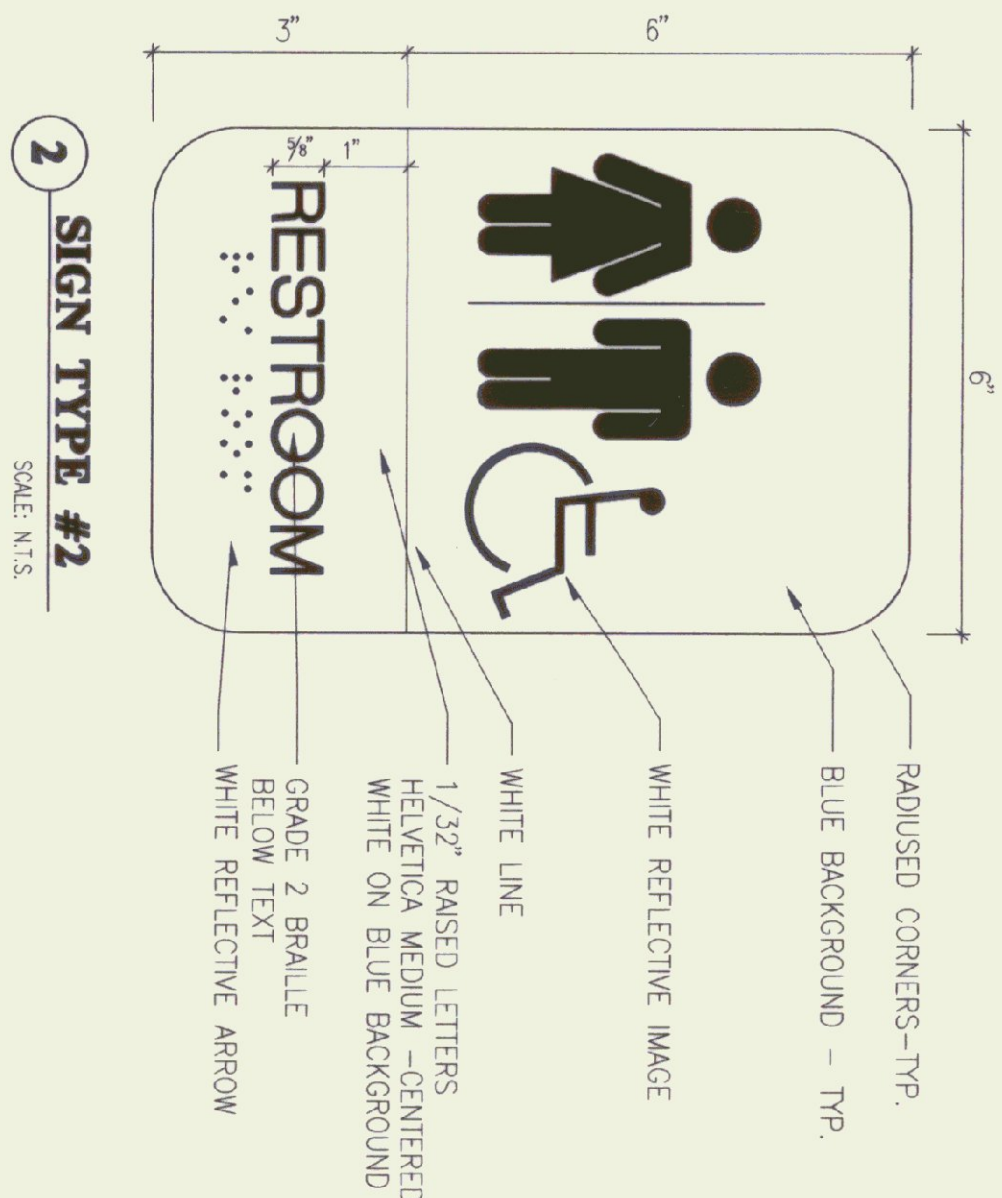
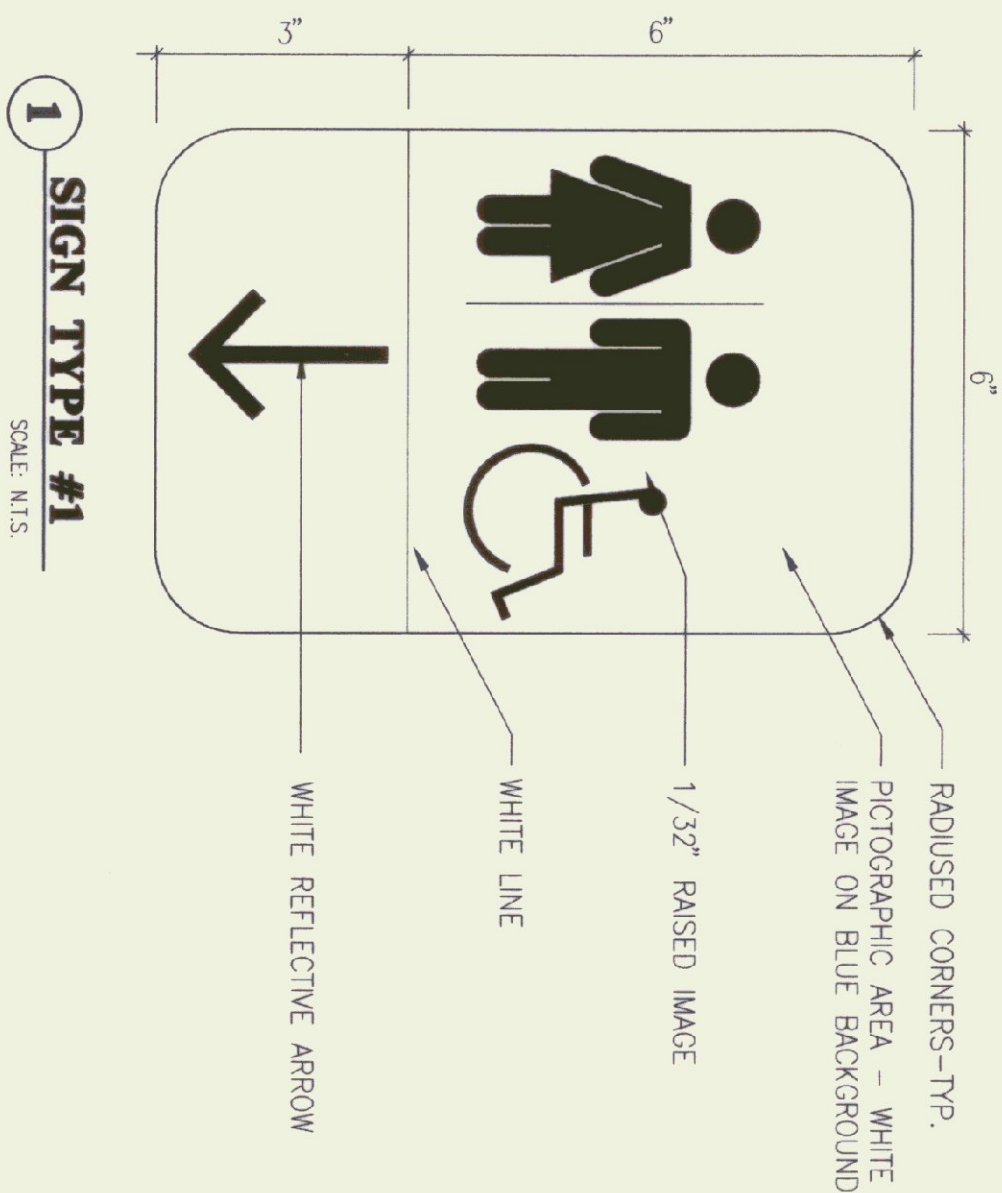


STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
KENTFELDER, VERMONT

GEORGIA INTERSTATE 89 REST AREAS
NORTHBOUND AND SOUTHBOUND

DATE: AUGUST 21, 1998	SCALE: AS NOTED	REVISIONS:	DRAWING NAME: MISCELLANEOUS DETAILS
DRAWN BY: MBS	PROJECT NO: M-089-3 (30)		DRAWING NO: A-3.5
CHECKED BY: JBA			

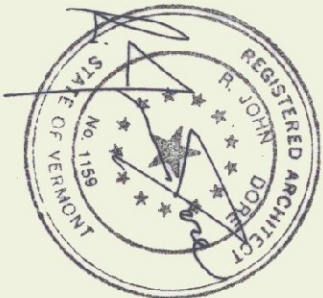
INTERIOR

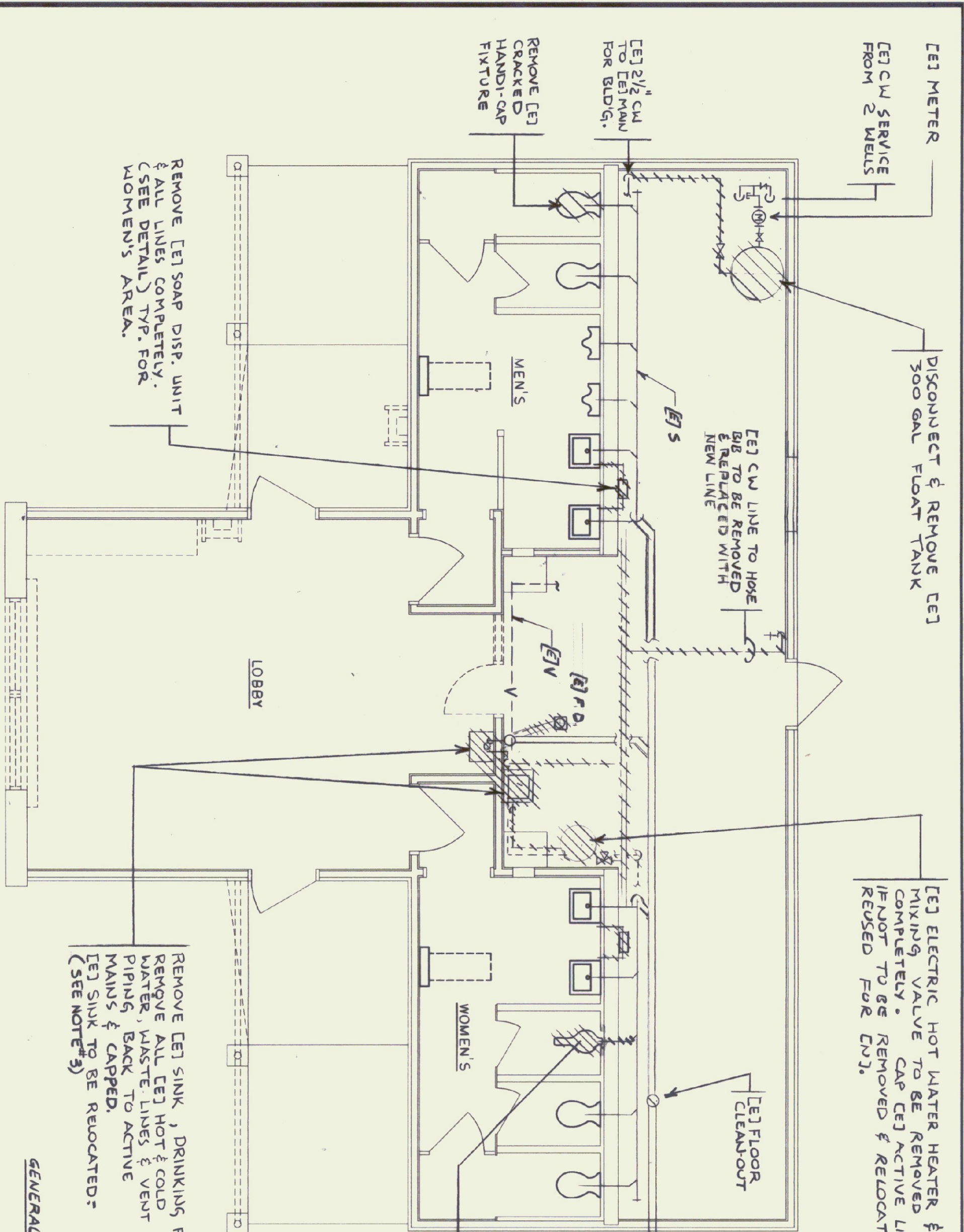


STATE OF VERMONT
DEPARTMENT OF BUILDINGS
AND GENERAL SERVICES
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

GEORGIA INTERSTATE 89 REST AREAS
NORTHBOUND AND SOUTHBOUND

DATE :	SCALE :	REVISIONS :	DRAWING NAME:
JULY 27, 1998	1/8"=1'-0"		SIGNS
DRAWN BY : MSS	PROJECT NO. M-089-3 (90)		DRAWING NO. :
CHECKED BY: JBA			A-3.6





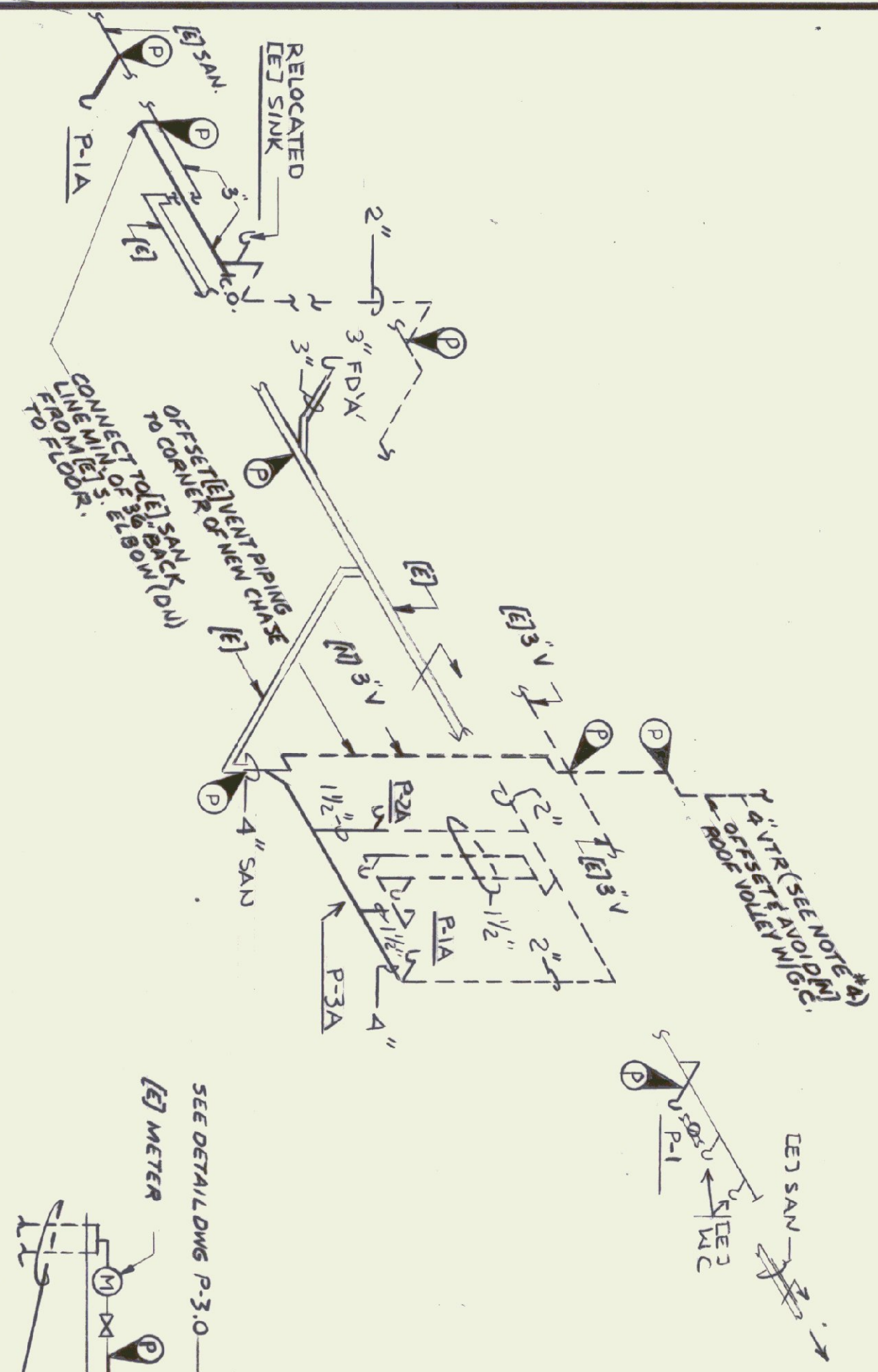
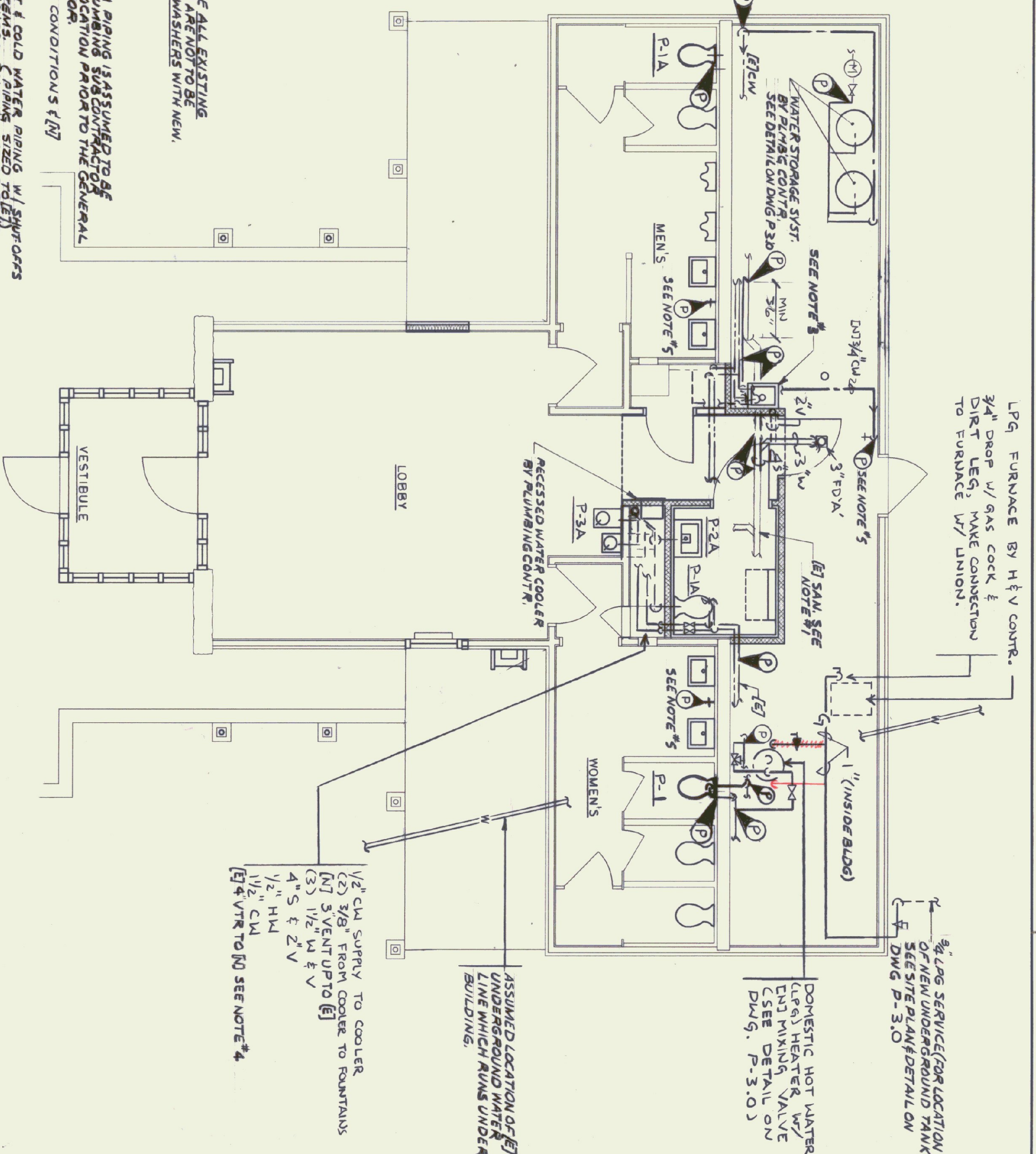
PLUMBING-EXISTING FLOOR PLAN-DEMOLITION
SCALE: 1/4"=1'-0"

GENERAL NOTE:
PLUMBING CONTRACTOR TO REMOVE ALL EXISTING
FAUCETS FLUSH VALVES ETC. WHICH ARE NOT TO BE
REPLACED WITH NEW REPLACE ALL WASHERS WITH NEW.

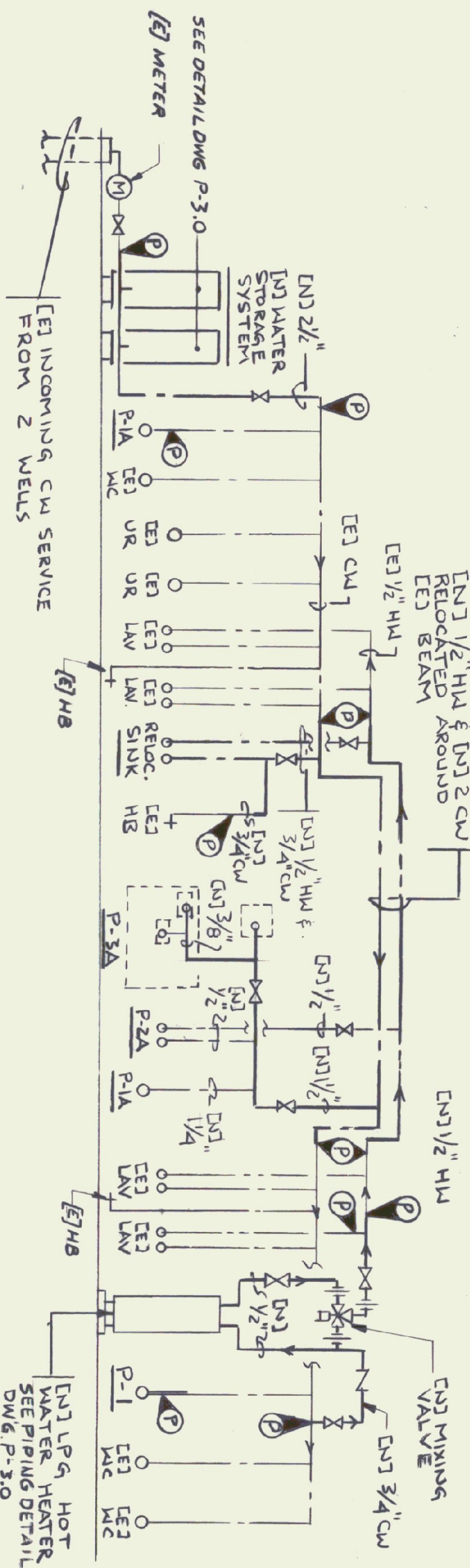
NOTES:

1. THE UNDERGROUND SANITARY SYSTEM PIPING IS ASSUMED TO BE APPROX. CORRECT. HOWEVER, THE PLUMBING SUB CONTRACTOR SHALL FIELD VERIFY ITS EXACT LOCATION PRIOR TO THE GENERAL CONTRACTOR BREAKING UP THE FLOOR.
2. COORDINATE ALL WORK WITH EXISTING CONDITIONS (N7).
3. RELOCATE (N7) SINK W/ ALL HOT & COLD WATER PIPING W/ SHUT-OFFS. RELOCATE (N7) SINK W/ ALL HOT & COLD WATER PIPING W/ SHUT-OFFS. RELOCATE (N7) SINK W/ ALL HOT & COLD WATER PIPING W/ SHUT-OFFS. RELOCATE (N7) SINK W/ ALL HOT & COLD WATER PIPING W/ SHUT-OFFS.
4. EXTEND (N7) 4" VENT UP THRU NEW ROOF STRUCTURE & OFF SET AS REQUIRED TO AVOID IN-ROOF VALLEY. THIS CONTRACTOR TO FURNISH NEW 100% COPPER ROOF SLEEVE TO REACH 306 CENTER.
5. FURNISH & INSTALL (N7) VACUUM BREAKERS ON (N7) HOSE BIBBS (TYP 3).
6. SEE DWG P-3.0 FOR LEGEND, FIXTURE SCHEDULE & DETAILS.

PLUMBING-FOOR PLAN-RENOVATIONS
SCALE: 1/4"=1'-0"



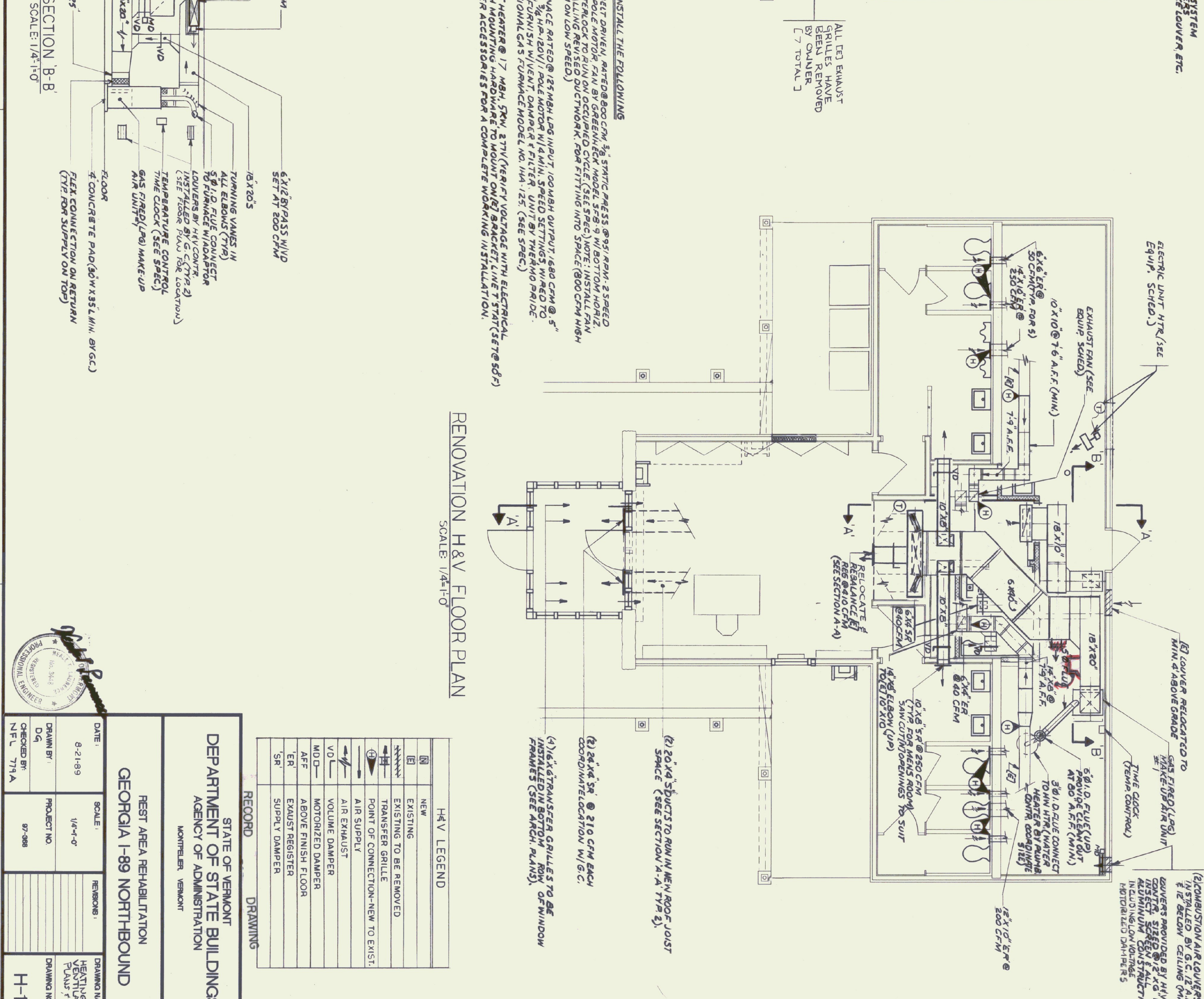
SANITARY & VENT ISOMETRIC DIAGRAM RENOVATIONS
NOT TO SCALE



HOT & COLD WATER RISER DIAGRAM RENOVATIONS
NOT TO SCALE



RECORD DRAWING			
STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS AGENCY OF ADMINISTRATION MONTPELIER, VERMONT			
REST AREA REHABILITATION GEORGIA I-89 NORTHBOUND			
DATE:	6-21-98	SCALE:	1/4"=1'-0"
DRAWN BY:	D G	PROJECT NO.	97-988
CHECKED BY:	NFL	DRAWING NO.	P-10

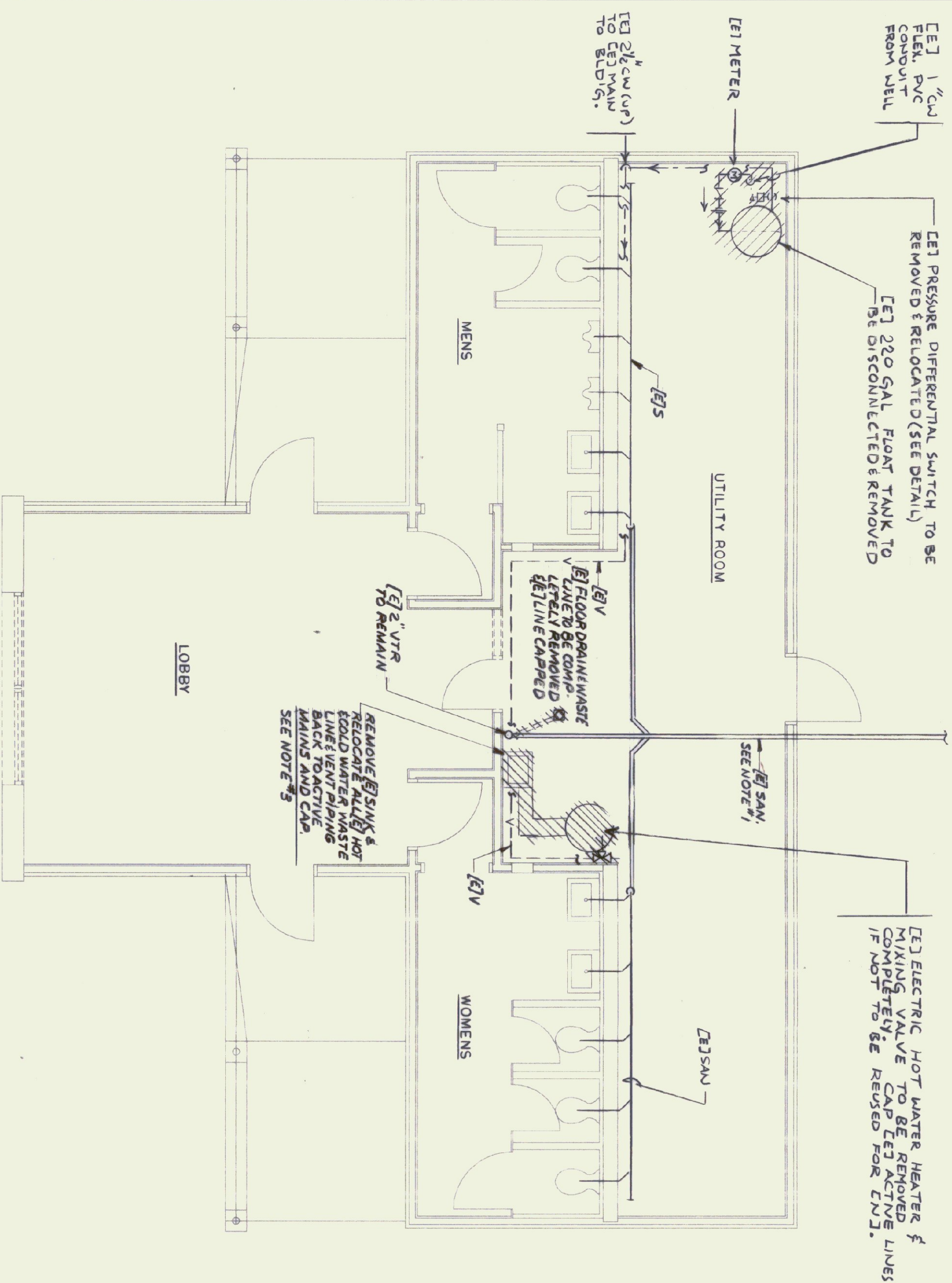


RENOVATION H&V FLOOR PLAN

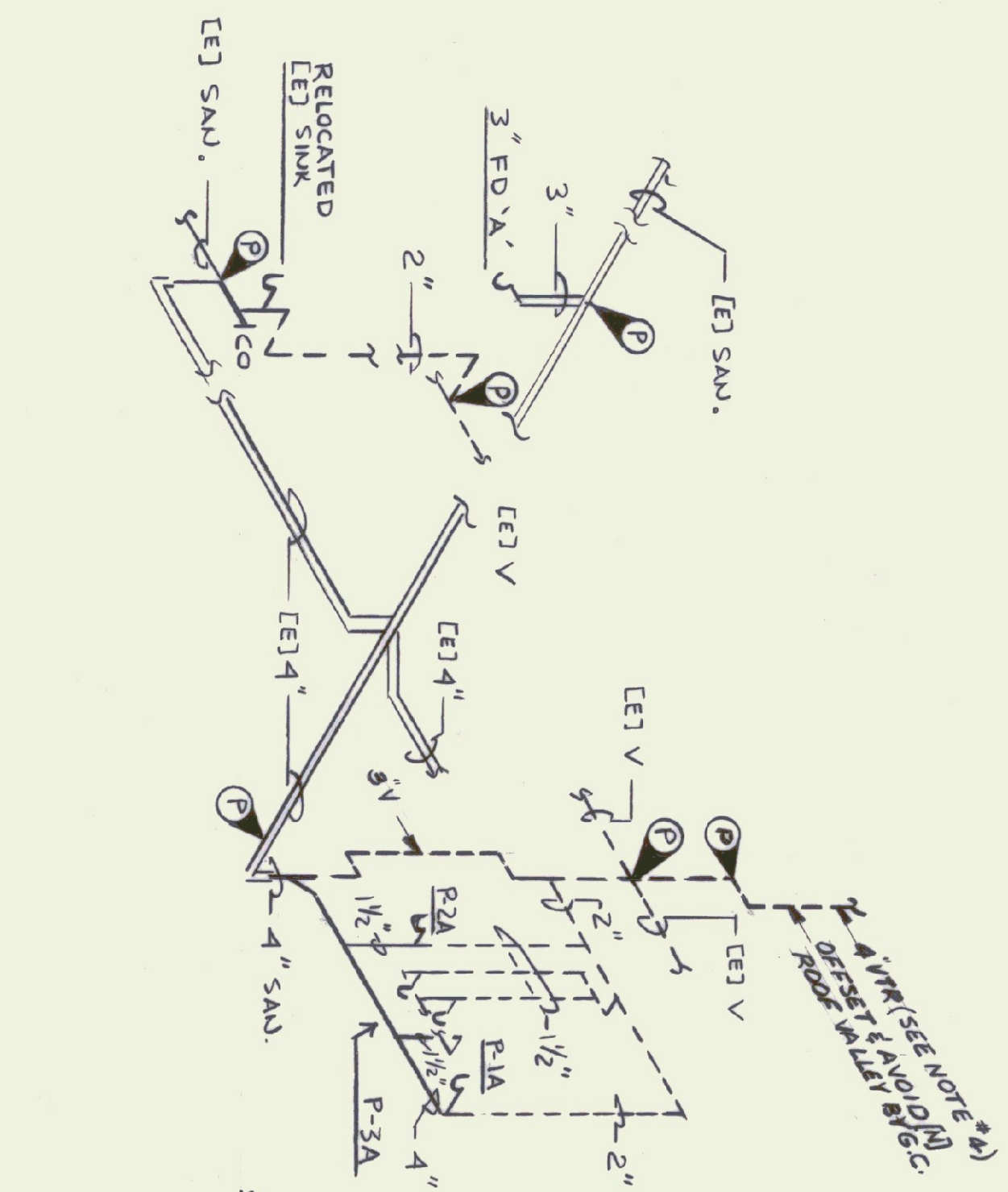


STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

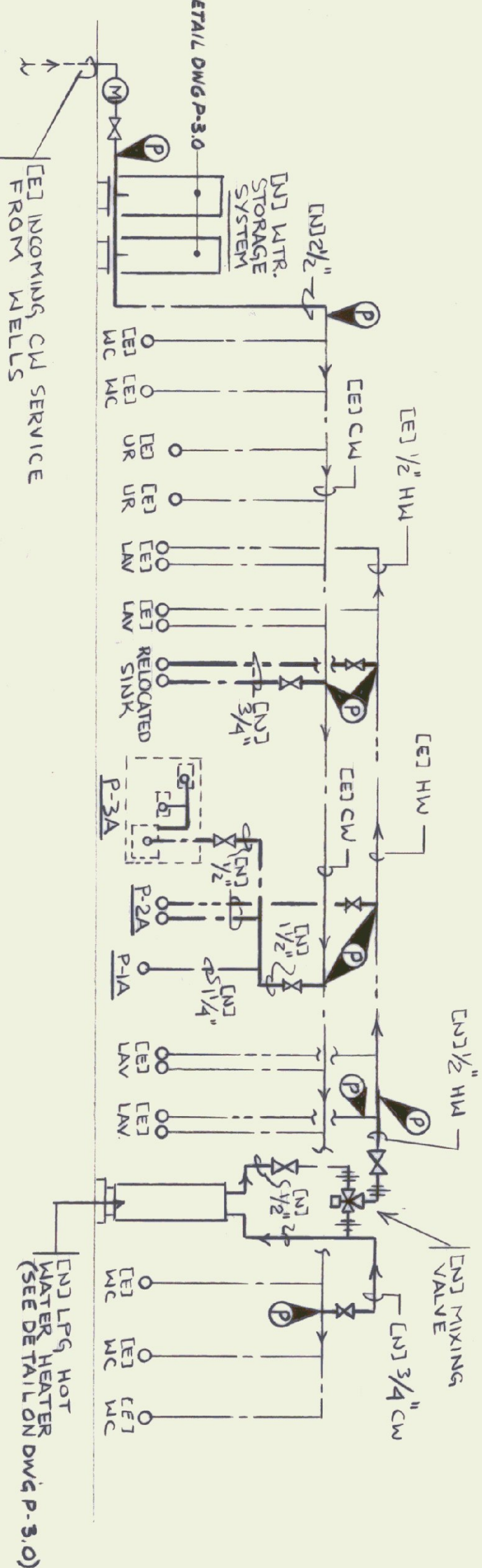
REST AREA REHABILITATION
GEORGIA I-89 NORTHBOUND



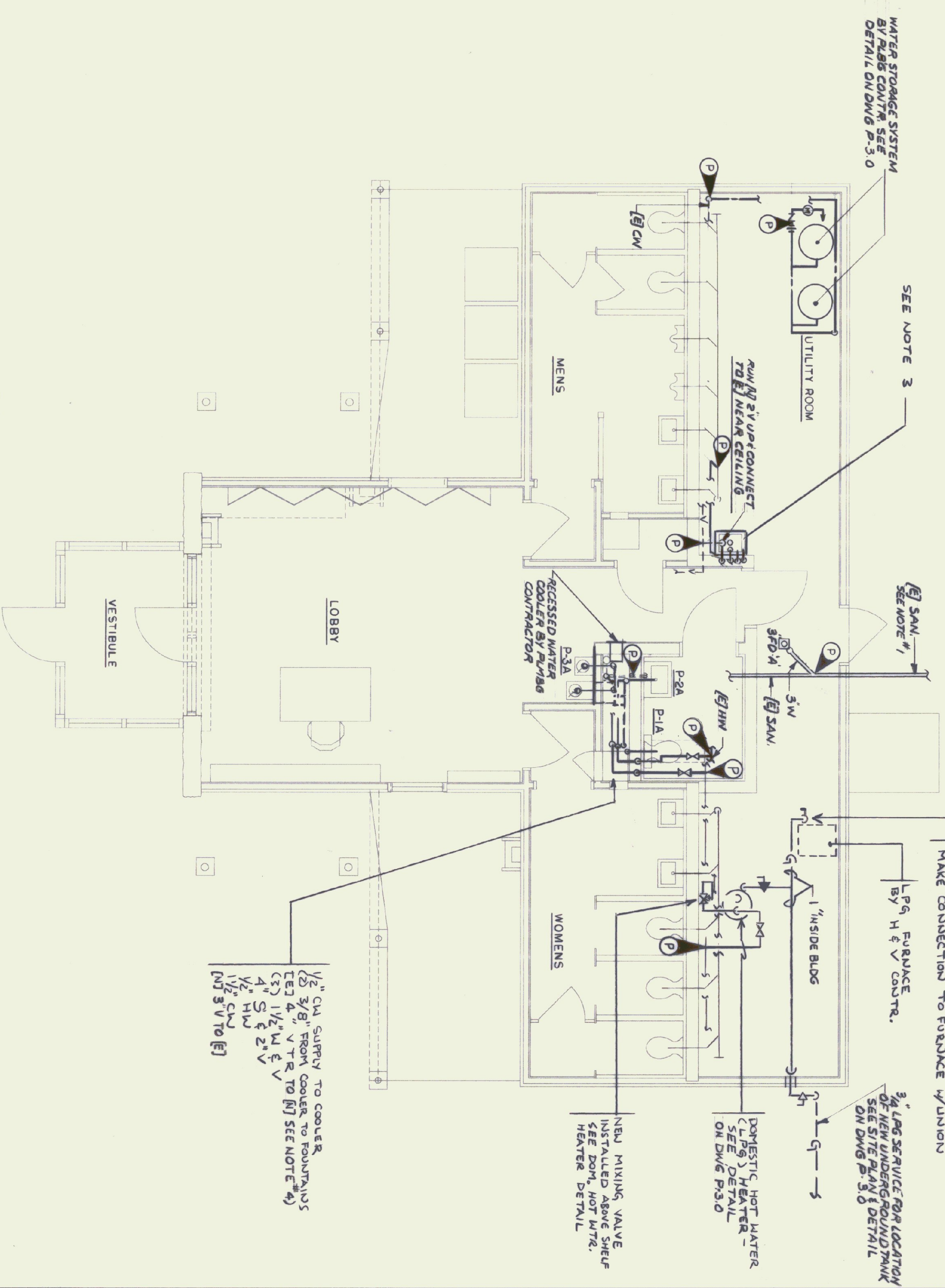
DEMOLITION - PLUMBING-EXISTING FLOOR PLAN
SCALE: 1/4"=1'-0"



SANITARY & VENT ISOMETRIC DIAGRAM RENOVATIONS
NOT TO SCALE



HOT & COLD WATER RISER DIAGRAM RENOVATIONS
NOT TO SCALE



RENOVATION-PLUMBING-FLOOR PLAN
SCALE: 1/4"=1'-0"

- NOTES:**
1. THE UNDERFLOOR SANITARY SYSTEM PIPING IS ASSUMED TO BE APPROX. CORNER, HOWEVER, THE PLUMBING SUB CONTRACTOR SHALL VERIFY THE LOCATION PRIOR TO THE GENERAL CONTRACTOR BREAKING UP THE FLOOR.
 2. COORDINATE ALL WORK W/ EXISTING CONDITIONS & (N) WORK BY OTHER TRADES.
 3. RELOCATE CEJ SINK W/ ALL (N) HOT & COLD WATER PIPING W/ SHUT-OFFS, VENTS, WASTE W/ TRAP PIPING SYSTEMS. (PIPES SIZED TO CEJ) FINISH & INSTALL (N) SUPPLY, ANCHORS, BOLTS & NUTS AS REQUIRED. CONDUIT PIPING SYSTEMS TO IN BARRETT ACTING LINES (SYSTEMS) IN AREA.
 4. EXTEND (E) VENT UP THRU NEW ROOF STRUCTURE & OFFSET AS REQ'D TO AVOID (N) ROOF VALLEY. THIS CONTRACTOR TO FINISH NEW (O) GA COPPER ROOF SLEEVE TO ROOFING SUB-CONTRACTOR.
 5. SEE DWG P-3.0 FOR LEGEND, FIXTURE SCHEDULE & DETAILS.

RECORD DRAWING

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

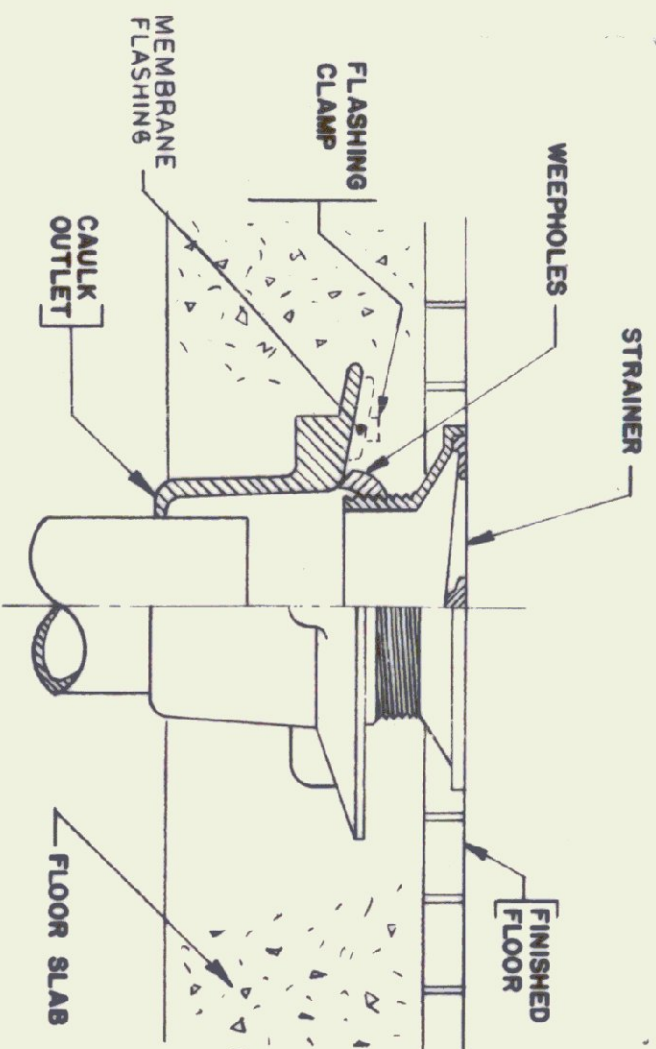
REST AREA REHABILITATION
GEORGIA I-89 SOUTHBOUND

PLUMBING - DEMOLITION & RENOVATION
FLOOR PLANS, SCHEDULE, DETAIL & LEGEND

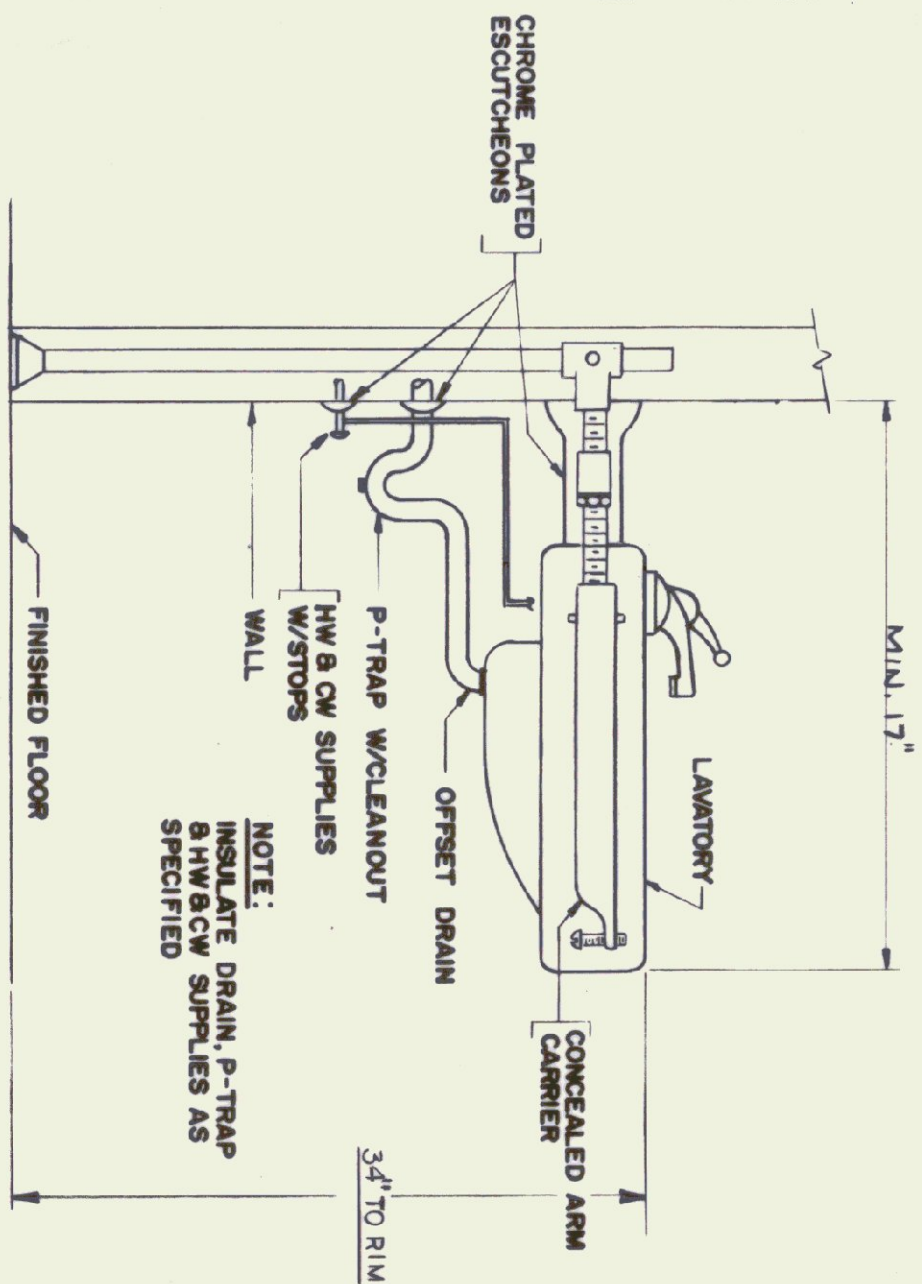


DATE:	8-21-98	SCALE:	1/4"=1'-0"	REVISIONS:		DRAWING NO.:	P-2.0
DRAWN BY:	DG	APPROVED BY:		DRAWING NAME:	PLUMBING	SHEET	OF
NFL	779C						

PLUMBING FIXTURE & RUNOUT SCHEDULE					
MARK	FIXTURE	DESCRIPTION	COLD WATER	HOT WATER	WASTE
P-1A		WATER CLOSET (HANDICAP USE) (REG-USE)	1 1/4"	4"	2"
P-2A		LAVATORY - WALL HUNG (HANDICAP USE)	1 1/2"	1 1/2"	1 1/2"
P-3A		DOUBLE WATER COOLER (REG+HANDI)	1 1/2"	(2) 1 1/2"	(2) 1 1/2"

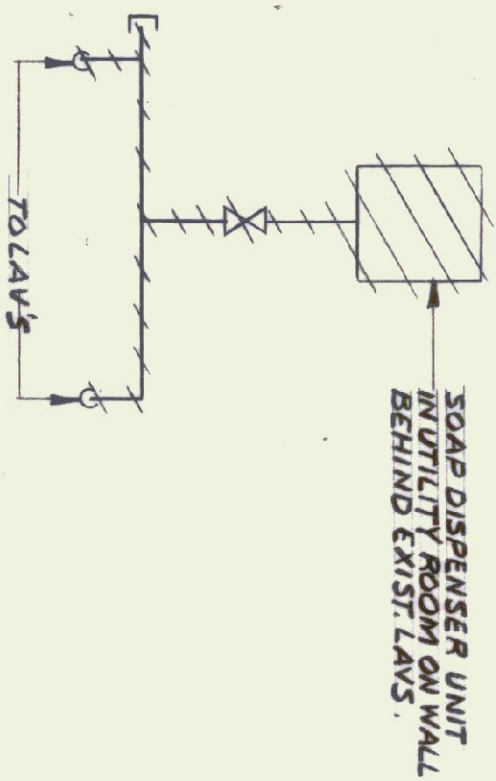


FLOOR DRAIN DETAIL
NOT TO SCALE

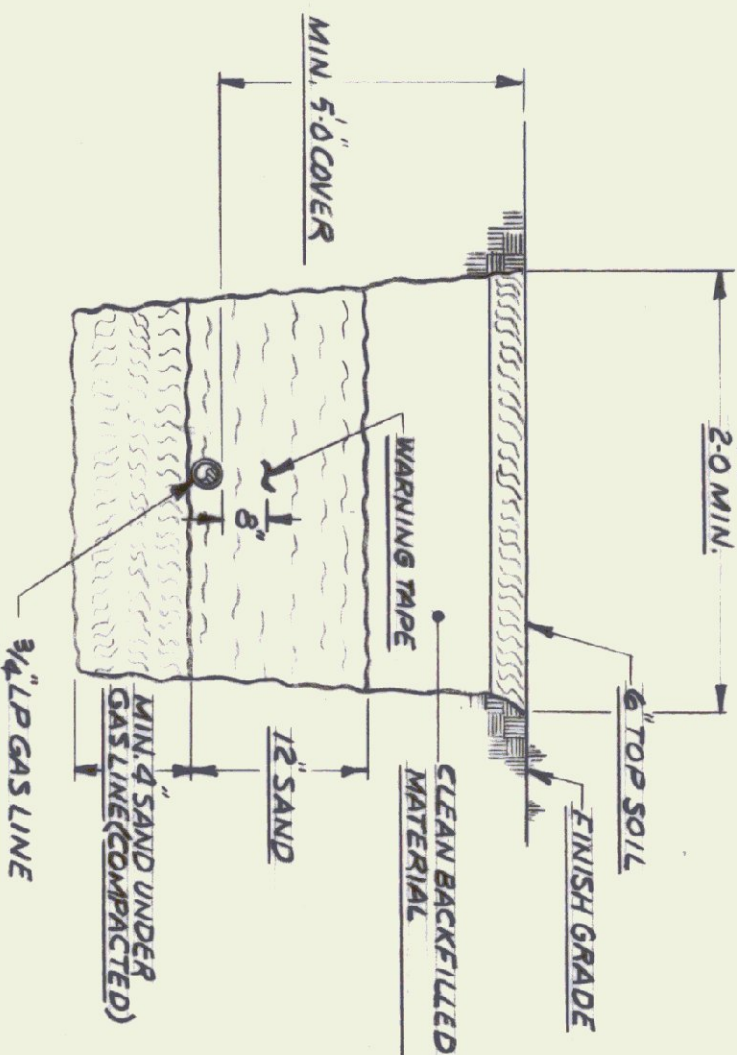


HANDICAPPED LAVATORY MOUNTING DETAIL
NOT TO SCALE

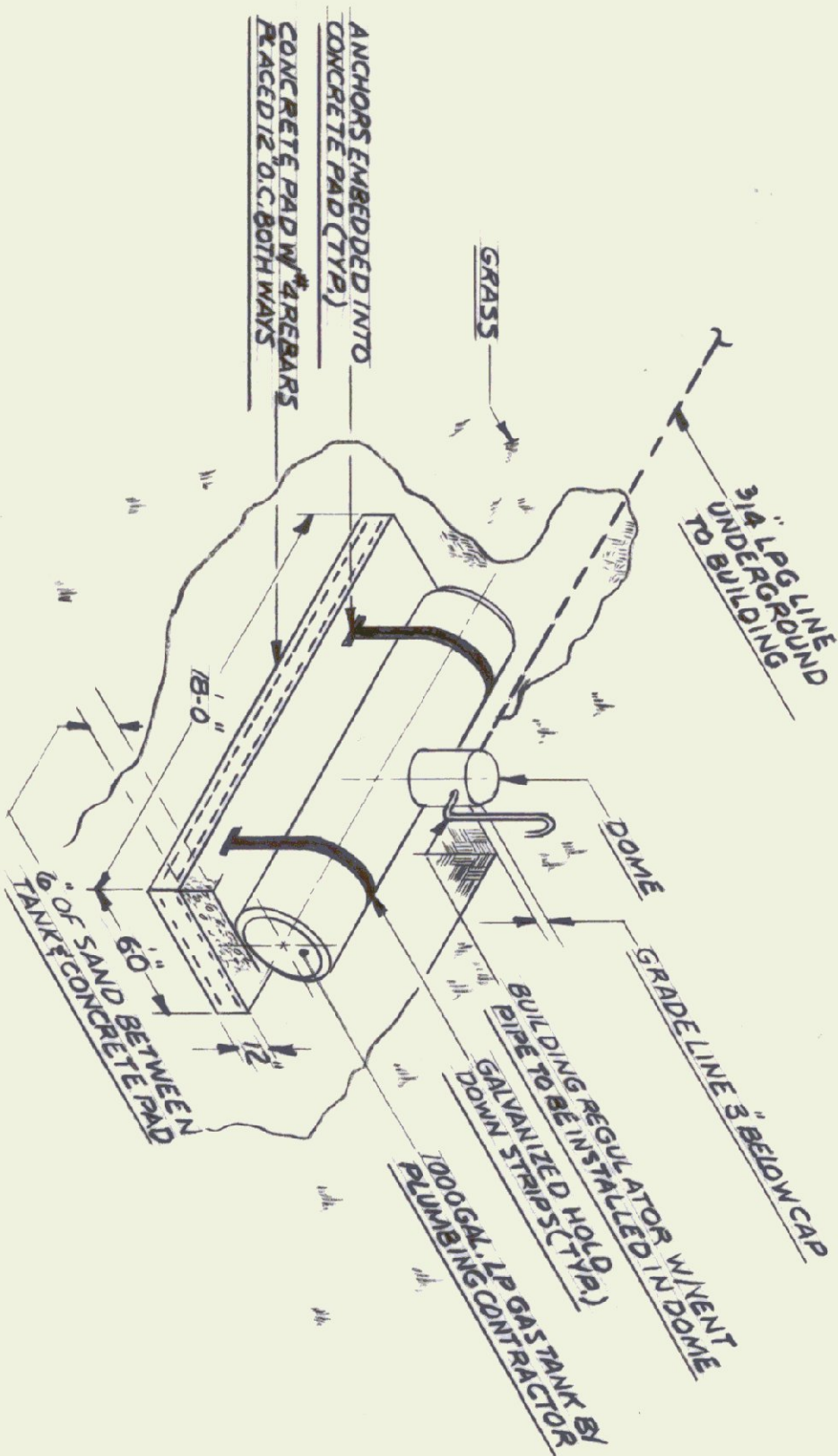
- NOTES:
1. REMOVE [E] SOAP DISPENSER SYSTEM COMPLETELY FROM BOTH MEN'S AND WOMEN'S ROOM. SEE SPEC.
 2. PURSUE & INSTALL COCK-HOLE COVERS IN [N] LAVATORY(S) OPENINGS.



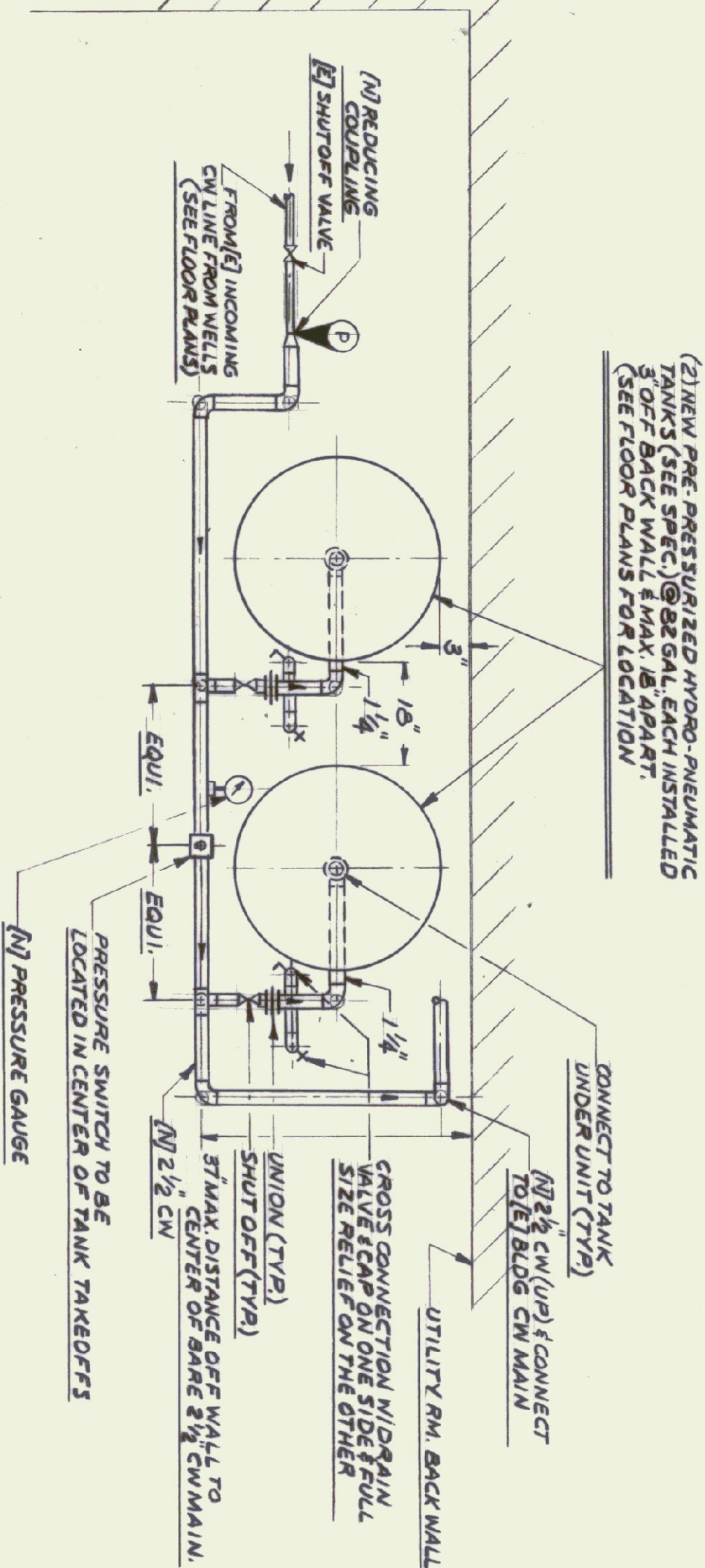
EXISTING SOAP DISPENSER-DEMOLITION
NTS
NORTHBOUND ONLY



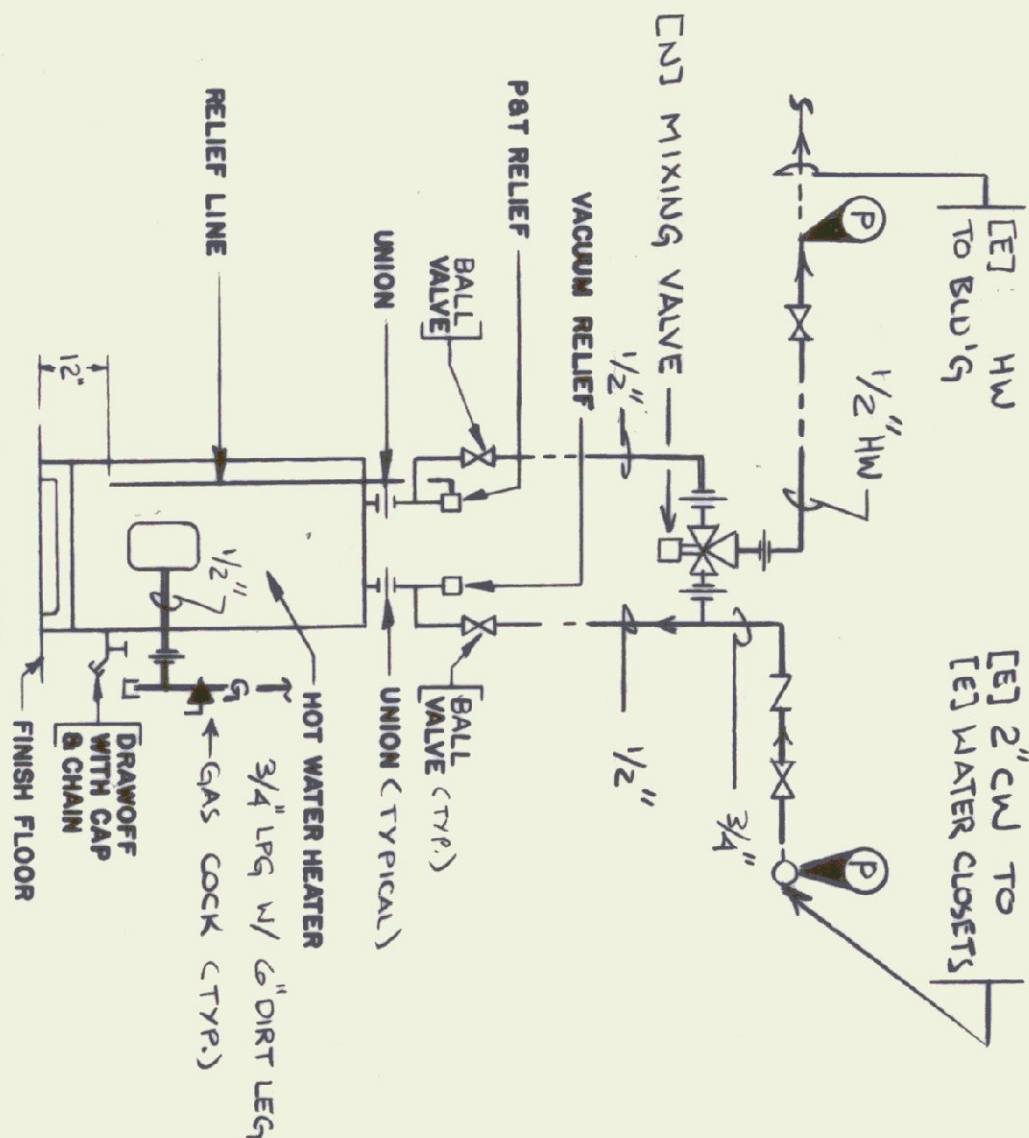
TRENCH DETAIL-GAS LINE
NTS



LP GAS TANK DETAIL
NTS

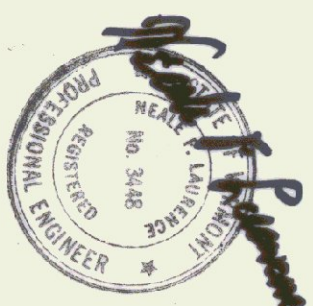


NEW INCOMING WELL WATER STORAGE CONTROL SYSTEM
NTS



HOT WATER HEATER PIPING DETAIL
NOT TO SCALE

PLUMBING LEGEND	
SYMBOLS USED ARE INDICATED BY A CHECK (✓)	
✓	SANITARY OR WASTE LINE (ABOVE GROUND)
✓	SANITARY OR WASTE LINE (BELOW GROUND)
✓	STORM LINE (ABOVE GROUND)
✓	STORM LINE (BELOW GROUND)
✓	GAS LINE (LP)
✓	COMPRESSED AIR LINE
✓	FIRE LINE
✓	VENT LINE (ABOVE GROUND)
✓	VENT LINE (BELOW GROUND)
✓	COLD WATER LINE (ABOVE GROUND)
✓	COLD WATER LINE (BELOW GROUND)
✓	HOT WATER LINE
✓	HOT WATER RECIRCULATING LINE
✓	CLEAN OUT
✓	FLOOR CLEAN OUT
✓	WALL HYDRANT OR NOSE BIB
✓	GLOBE VALVE
✓	CHECK VALVE
✓	BALL VALVE
✓	FLOOR DRAIN WITH TRAP
✓	NEW
✓	EXISTING
✓	POINT OF [N] PLUMBING CONNECTION TO [E]
✓	SANITARY LINE
✓	ST. LINE
✓	VENT LINE
✓	W. LINE
✓	T. TRAP
✓	RD. ROOF DRAIN
✓	RL. ROOF LEADER
✓	[E] TO BE REMOVED



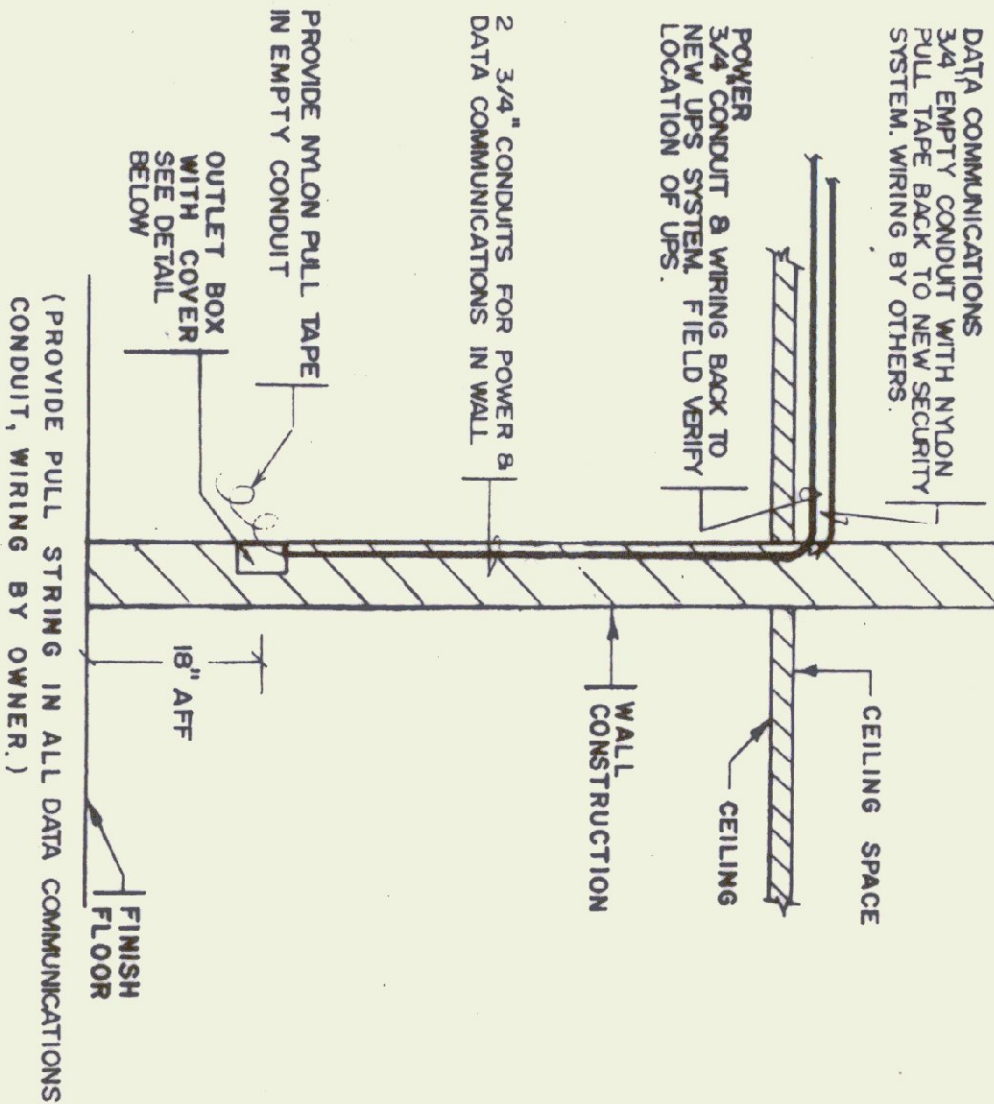
STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

REST AREA REHABILITATION
GEORGIA 1-89
NORTH & SOUTHBOUND

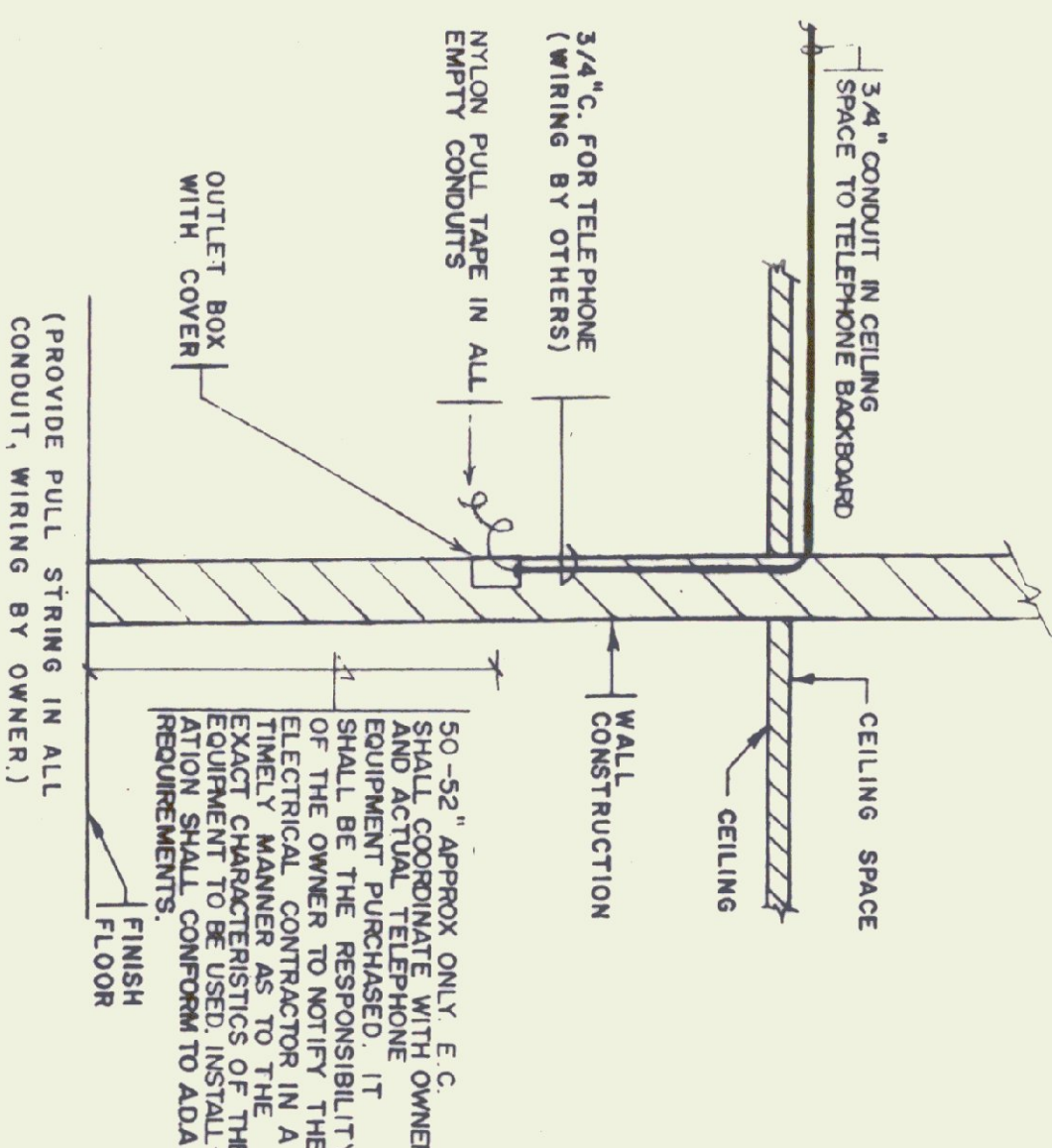
RECORD DRAWING

DATE: 8-21-98
SCALE: PROJECT NO.
DRAWN BY: D.G.
CHECKED BY: NFL 779AC

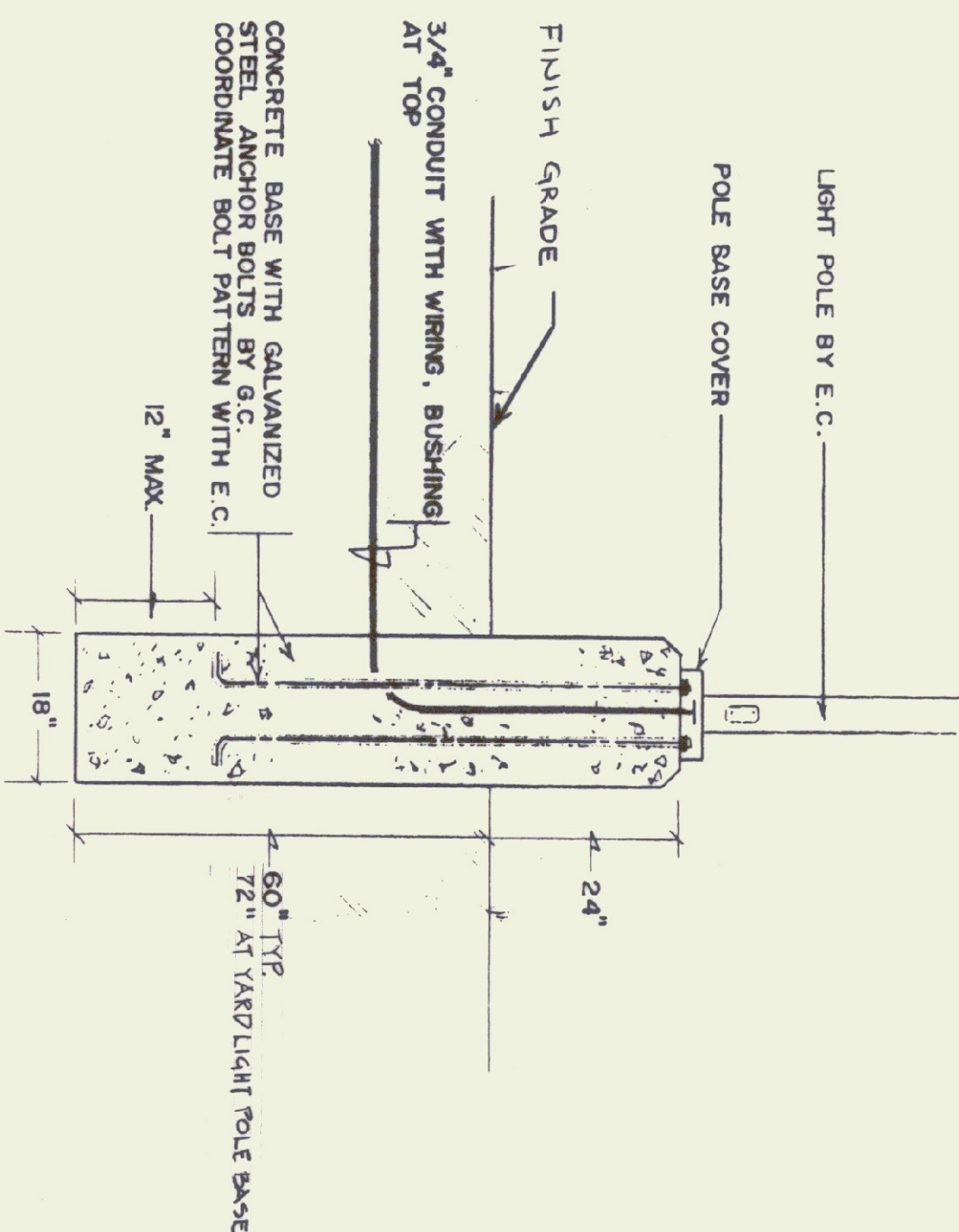
DRAWING NAME: PLUMBING LEGEND DETAILS
DRAWING NO.: P-3.0



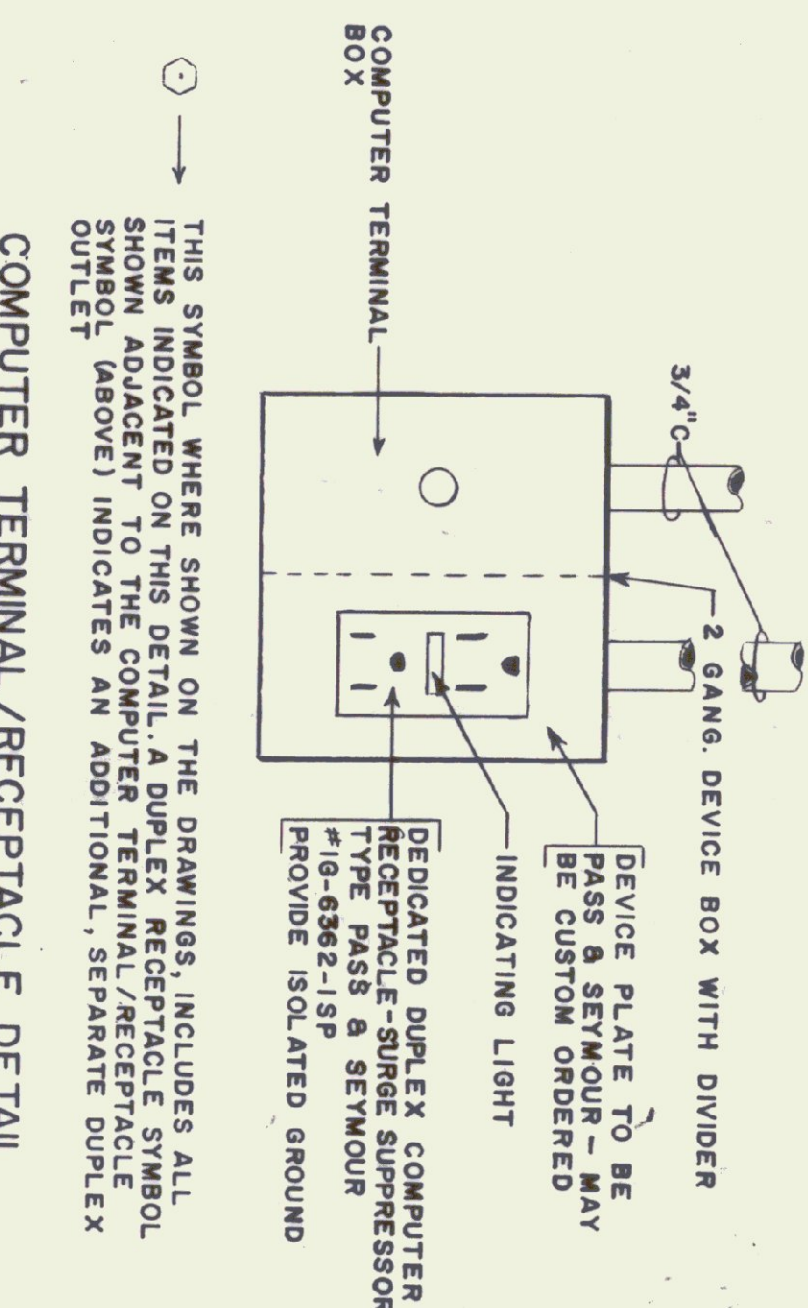
COMPUTER TERMINAL OUTLET DETAIL
NOT TO SCALE



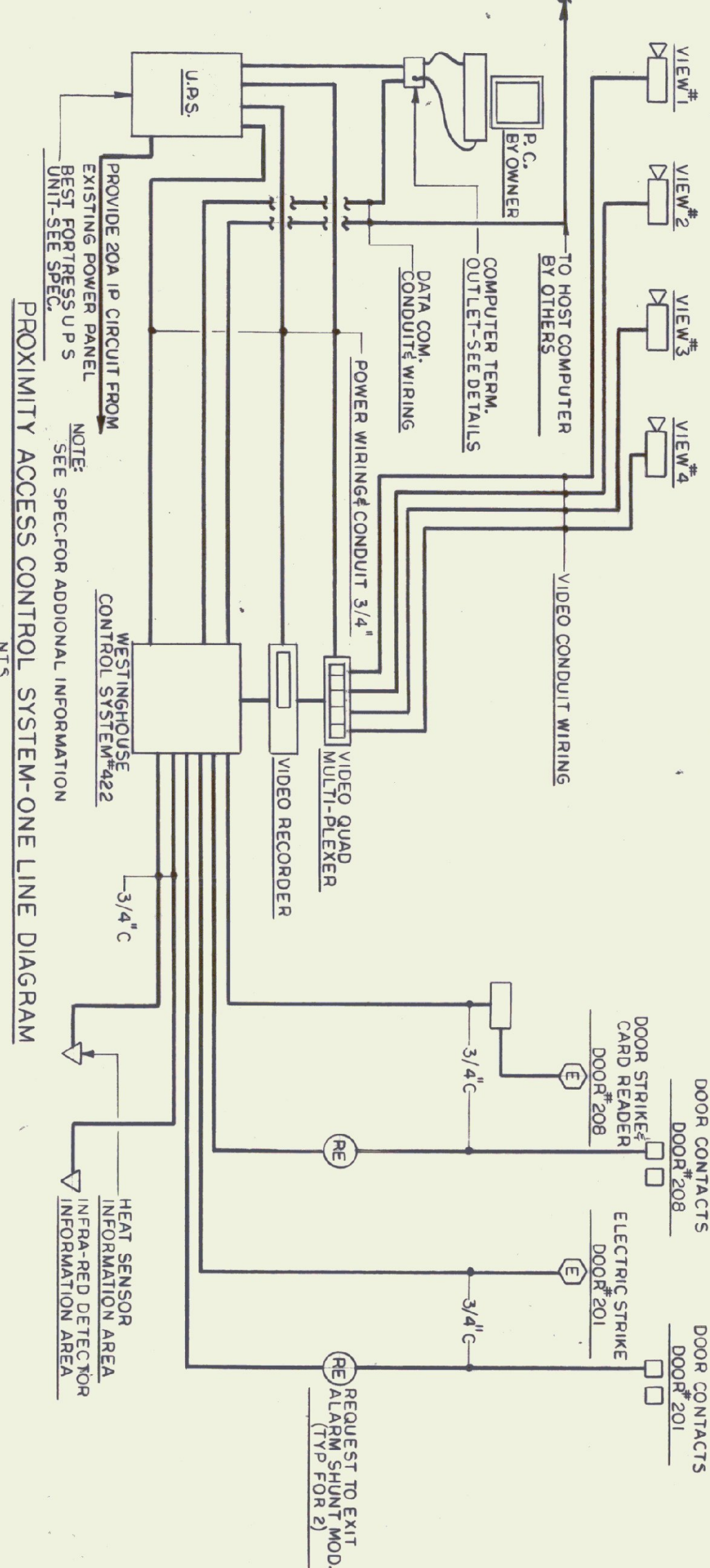
TELEPHONE OUTLET DETAIL
NOT TO SCALE



LIGHT POLE BASE DETAIL
NOT TO SCALE



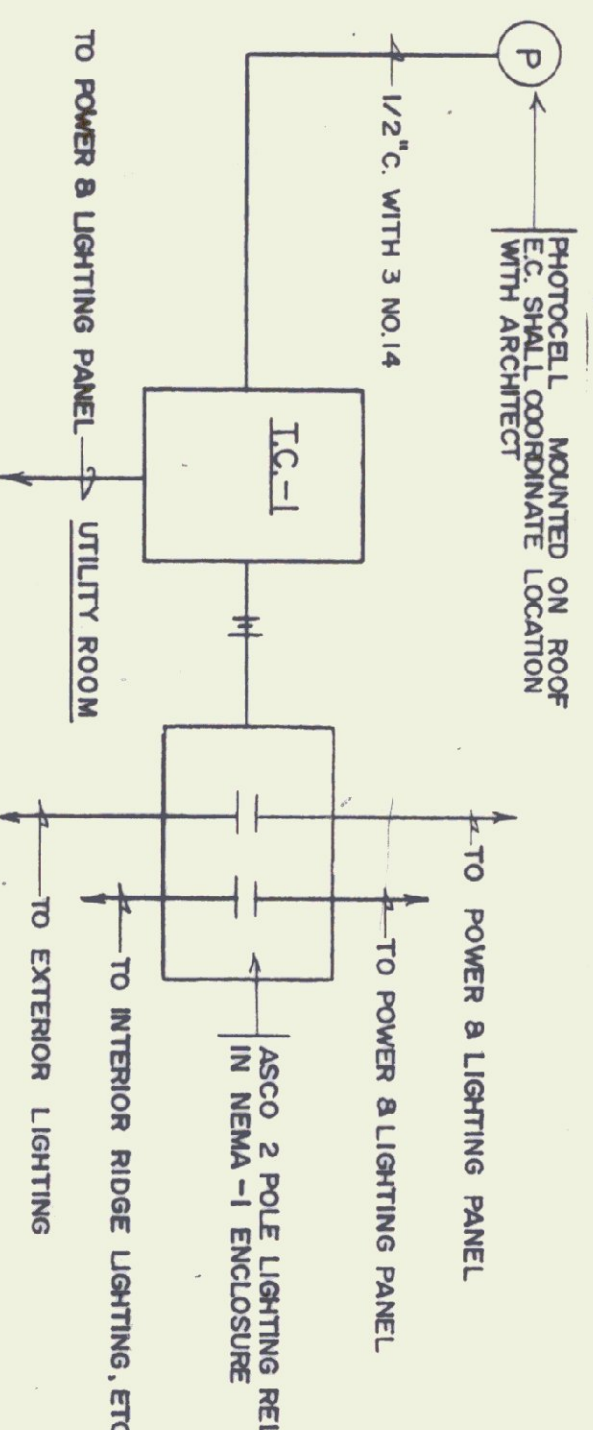
COMPUTER TERMINAL / RECEPTACLE DETAIL
NOT TO SCALE



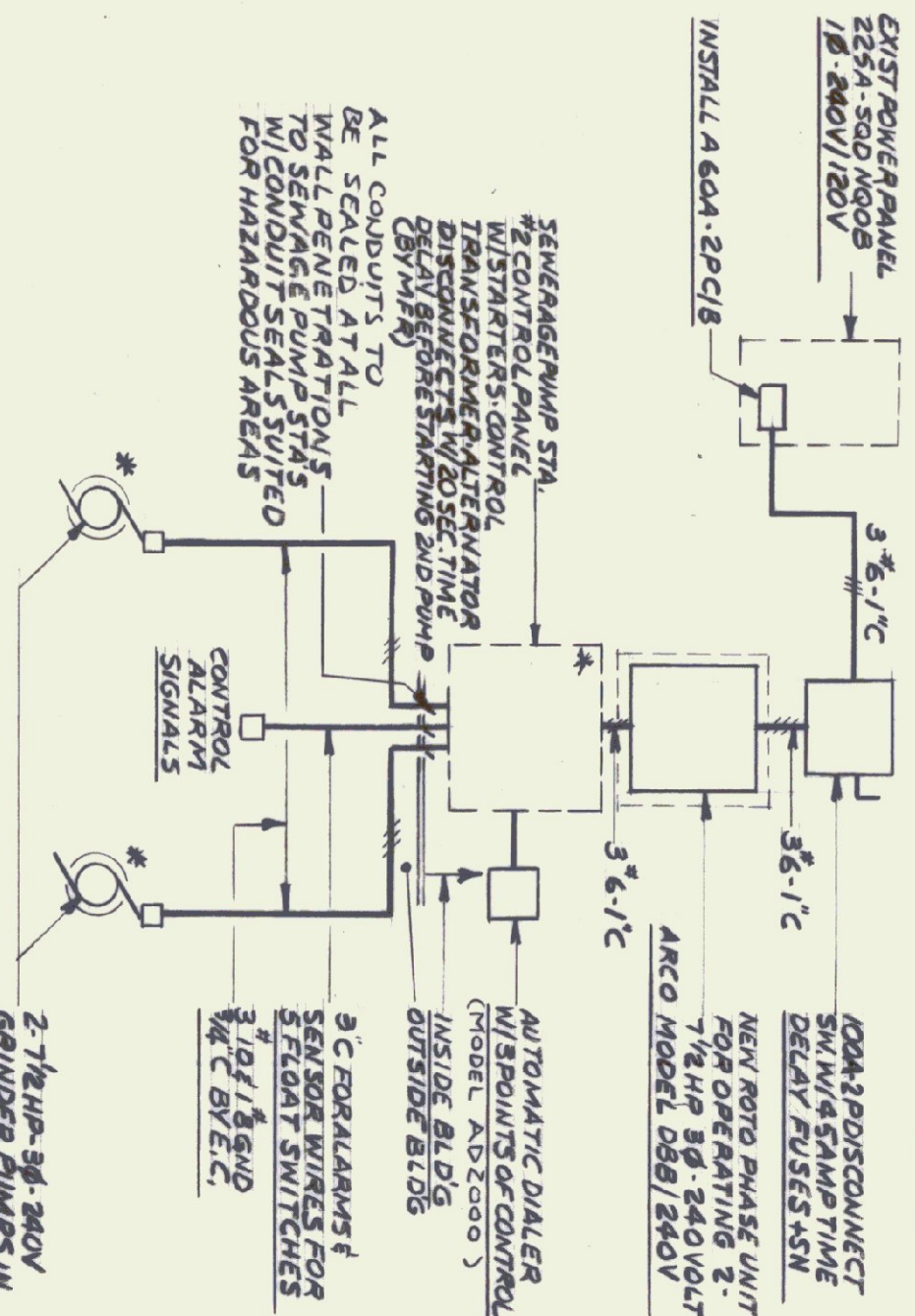
PROXIMITY ACCESS CONTROL SYSTEM-ONE LINE DIAGRAM
NTS

TYPE	MANUFACTURER & DESCRIPTION	LAMPS	MOUNTING	FINISH	REMARKS
A	LOBBY NEWSTAR VANDALPROOF NO. 54-142	2-32 F-32 T-8 RS	SURFACE	WHITE	PROVIDE TAMPERPROOF SCREWS
B	HANDICAPPED TOILET RM. NEWSTAR VANDALPROOF CORNER NO. 54-142/45	2-32 F-32 T-8 RS	SURFACE/ CORNER MT.	WHITE	PROVIDE TAMPERPROOF SCREWS
C	POLE MOUNTED LIGHT LITONIA H-TEK NO. KAS1-250M-R4-120-SP12 GR5, POL-E-SS-16-12-DIM	1-100 M90 MED	RECESSED	COORDINATE WITH ARCH.	PROVIDE TAMPERPROOF SCREWS
D	POLE MOUNTED LIGHT LITONIA H-TEK NO. KAS1-250M-R4-120-SP12 GR5, POL-E-SS-16-12-DIM	1-250 MH	POLE-E-6	COORDINATE WITH ARCH.	PROVIDE TAMPERPROOF SCREWS
E	EXIT SIGN EX-F-14W-120-E-BP	2-9 9W PL BX	SURFACE	WHITE WITH RED LETTERS	PROVIDE TAMPERPROOF SCREWS
F	CLOSET LIGHT FBO-14-120	2-7 7W PL BX	WALL	OPAL WHITE	PROVIDE TAMPERPROOF SCREWS
G	SIGNAGE LIGHTING DAYWRITE 4" STRIP T148H-LT20	60W ROOM TEMP	SEE ARCH. DETAILS	WHITE	PROVIDE LOW TEMP. AND BALLASTS
H	TRACK LIGHTING PROGRESS NO. P6254-10	75 PAR L	CEILING	WHITE	PROVIDE TAMPERPROOF SCREWS
I	PASS & SEYMOUR NO. 14B1	60W T-6 A.F.F.	WALL	—	PROVIDE TAMPERPROOF SCREWS
J	POLE MOUNTED LIGHT G.E. STREET LIGHT TYPE M	250 MFR.	POLE 25' FIELD VERIFY TO EXIST.	SAME AS EXISTING	—

LIGHTING FIXTURE SCHEDULE

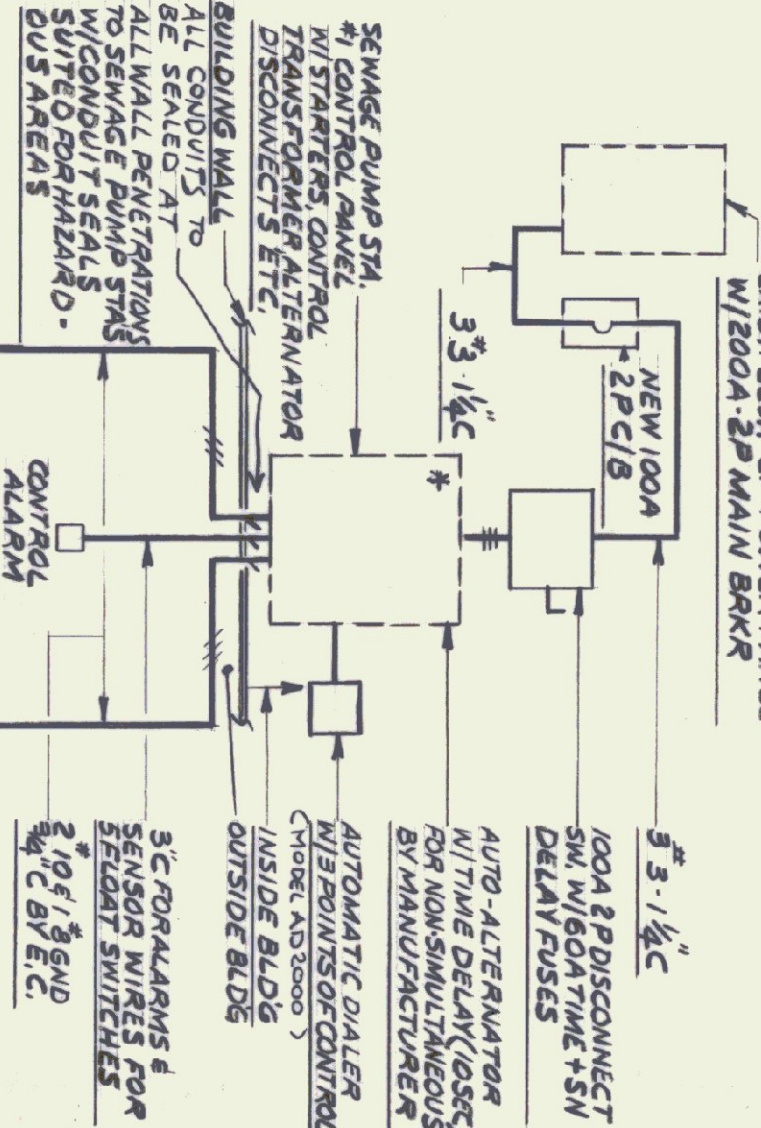


TIMECLOCK T.C.-1 DETAIL - INTERIOR & EXTERIOR LIGHTING
NOT TO SCALE



SEWERAGE PUMPING STATION #2
NTS

SYMBOLS USED ARE INDICATED BY A CHECK	ELECTRICAL LEGEND
①	JUNCTION BOX
②	SINGLE RECEPTACLE 16" A.F.F.
③	DUPEX RECEPTACLE 16" A.F.F.
④	QUAD RECEPTACLE 16" A.F.F.
⑤	SPECIAL RECEPTACLE RATING ADJACENT
⑥	POWER PANEL
⑦	FIRE STATION
⑧	TELEPHONE OUTLET
⑨	MOTOR STARTER
⑩	DISCONNECT
⑪	FIRE HORN & LIGHT
⑫	TRANSFORMER
⑬	HOME RUN TO PANEL P (MIN. 3/4" CONDUIT)
⑭	CONDUIT TURNING UP
⑮	CONDUIT TURNER UP
⑯	EXIT LIGHT
⑰	FLUORESCENT LIGHT
⑱	TO BE REMOVED
⑲	POINT OF [N] ELEC. CONNECTION TO [E]
⑳	NEW
㉑	EXISTING
㉒	SINGLE POLE SWITCH 48" A.F.F.
㉓	THREE-WAY SWITCH 48" A.F.F.
㉔	ABOVE FINISHED FLOOR
㉕	A.F.C. ABOVE FINISHED COUNTER
㉖	INCANDESCENT CEILING LIGHT
㉗	NIGHT LIGHT
㉘	DUPEX RECEPTACLE IN FLOOR
㉙	CLOCK OUTLET 7'-0" AFF
㉚	SM - MOTOR THERMAL SWITCH
㉛	A.H.U. AIR HANDLING UNIT
㉜	GFI TYPE DUPEX RECEPTACLE
㉝	PAY TELEPHONE OUTLET
㉞	PAY TELEPHONE OUTLET, HANDICAP ACCESSIBLE
㉟	EMERGENCY LIGHT FIXTURE
㊱	REMOTE EMERGENCY LIGHT HEAD
㊲	ELECTRIC DOOR STRIKE LOCATION
㊳	CCTV CAMERA LOCATION
㊴	COMPUTER TERMINAL OUTLET DETAIL



SEWERAGE PUMPING STATION #1
NTS

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

FEST AREA REHABILITATION
GEORGIA T-89
NORTH & SOUTHBOUND
RECORD DRAWING

DATE: 8-21-98
SCALE: 1/4"=1'-0"
DRAWN BY: D.G.
APPROVED BY: N.F.L.
DRAWING NAME: ELECTRICAL LEGEND DET.
SHEET: — OF —

REVISIONS:
E - 3.0



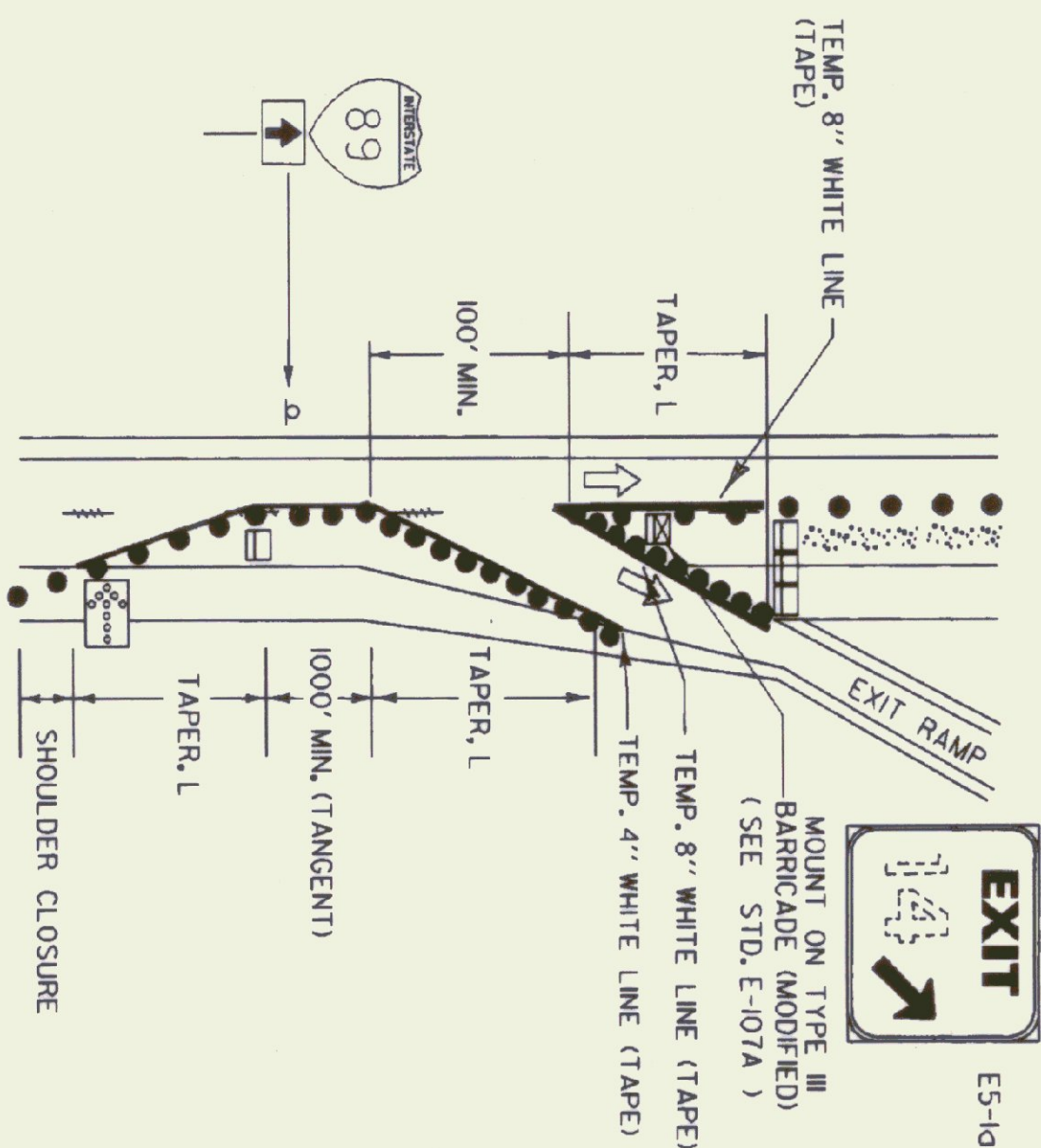
SIGN MOUNTING ON TYPE III BARRICADE



- 1) REFER TO STANDARD TYPE III BARRICADE STD SHT E-107A
- 2) ALL BARRICADE JOINTS SHALL BE GULDED.
- 3) FIVE SAND BAGS ARE REQUIRED BOTH FRONT AND BACK, 50 LB. MINIMUM EACH.

- - CHANNELIZING DRUM
- ☒ - TYPE III BARRICADES
- ↓ - INDICATES TRAFFIC DIRECTION
- +++ - REMOVAL OF EXISTING PAVEMENT MARKINGS

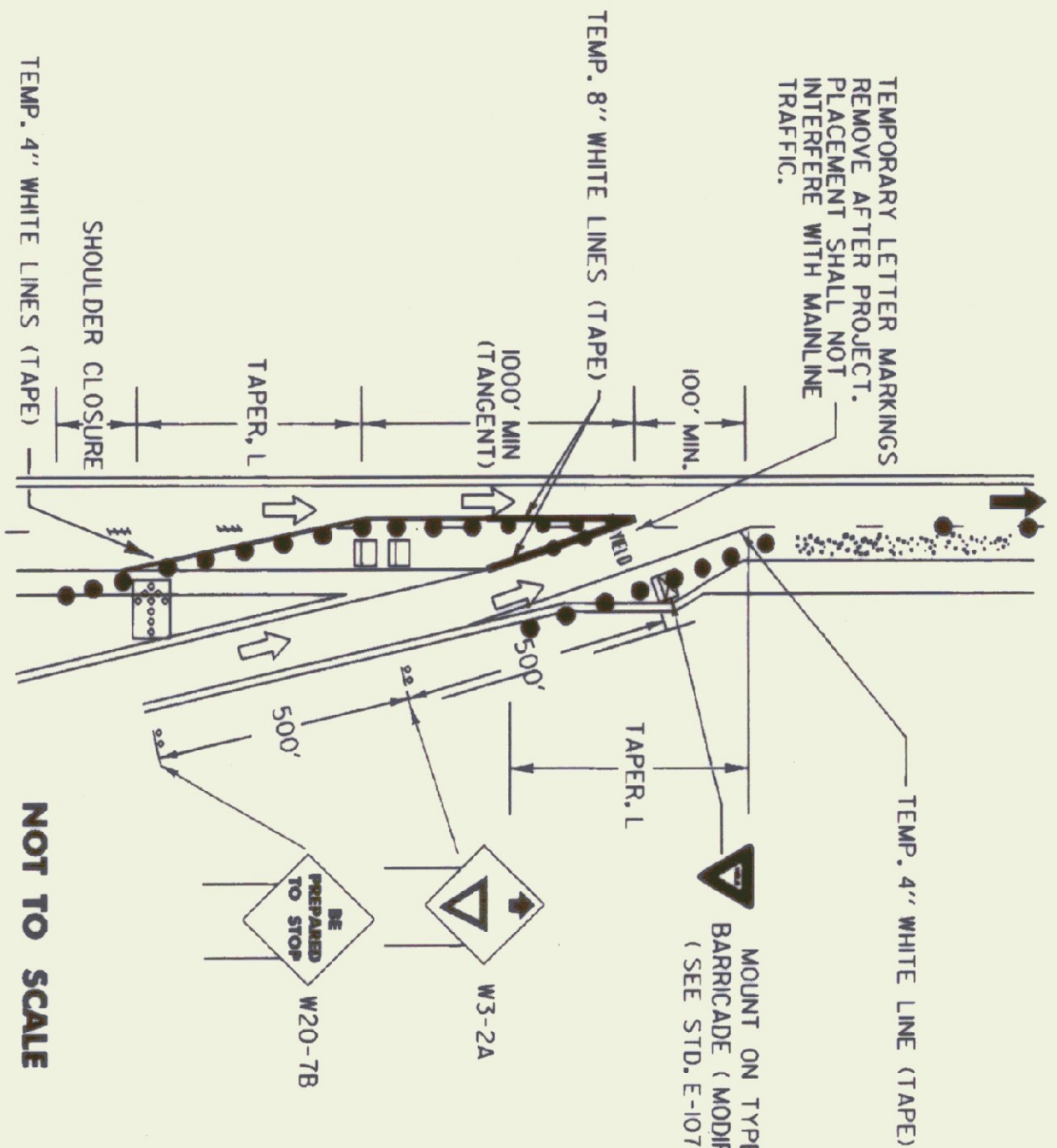
SHEET _____ OF _____



- NOTES:**
- 1) ALL SIGNS SHALL BE MOUNTED ON FIXED POSTS (YIELDING TYPE) UNLESS OTHERWISE NOTED.
 - 2) CHANNELIZING DEVICES SHALL BE PLACED AS FOLLOWS:
TAPERS - DEVICES SHALL BE SPACED AT A MAXIMUM OF 5' (THE SPEED LIMIT IN FEET) APART.
TANGENT - DEVICES SHALL BE SPACED 2 X 5' (THE SPEED LIMIT IN FEET) APART.
ALL DISTANCES ARE DESIRABLE MINIMUMS FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT.
 - 3) TAPER RATES ARE BASED ON THE POSTED MAINLINE AND EXIT SPEEDS.
 - 4) TEMPORARY PAVEMENT MARKINGS ARE REQUIRED WHEN THE LAYOUT IS TO BE IN EFFECT FOR THREE DAYS OR MORE.
 - 5) LANE CLOSURES AND TAPER LENGTHS, L, AS DETAILED ON STANDARD E-103.
 - 6) EXIT SIGN SHALL BE MOUNTED A MINIMUM OF 3' ABOVE THE GROUND AND HIGH ENOUGH TO BE SEEN ABOVE CHANNELIZING DEVICES.

LEGEND

- REF. 28" CONES
- REF. PLASTIC DRUMS
- PAVEMENT MARKING REMOVAL
- ↑ INDICATES TRAFFIC FLOW
- WORK AREA
- FLASHING ARROW PANEL
- TYPE II BARRICADES
- TYPE III BARRICADES (MOD.)



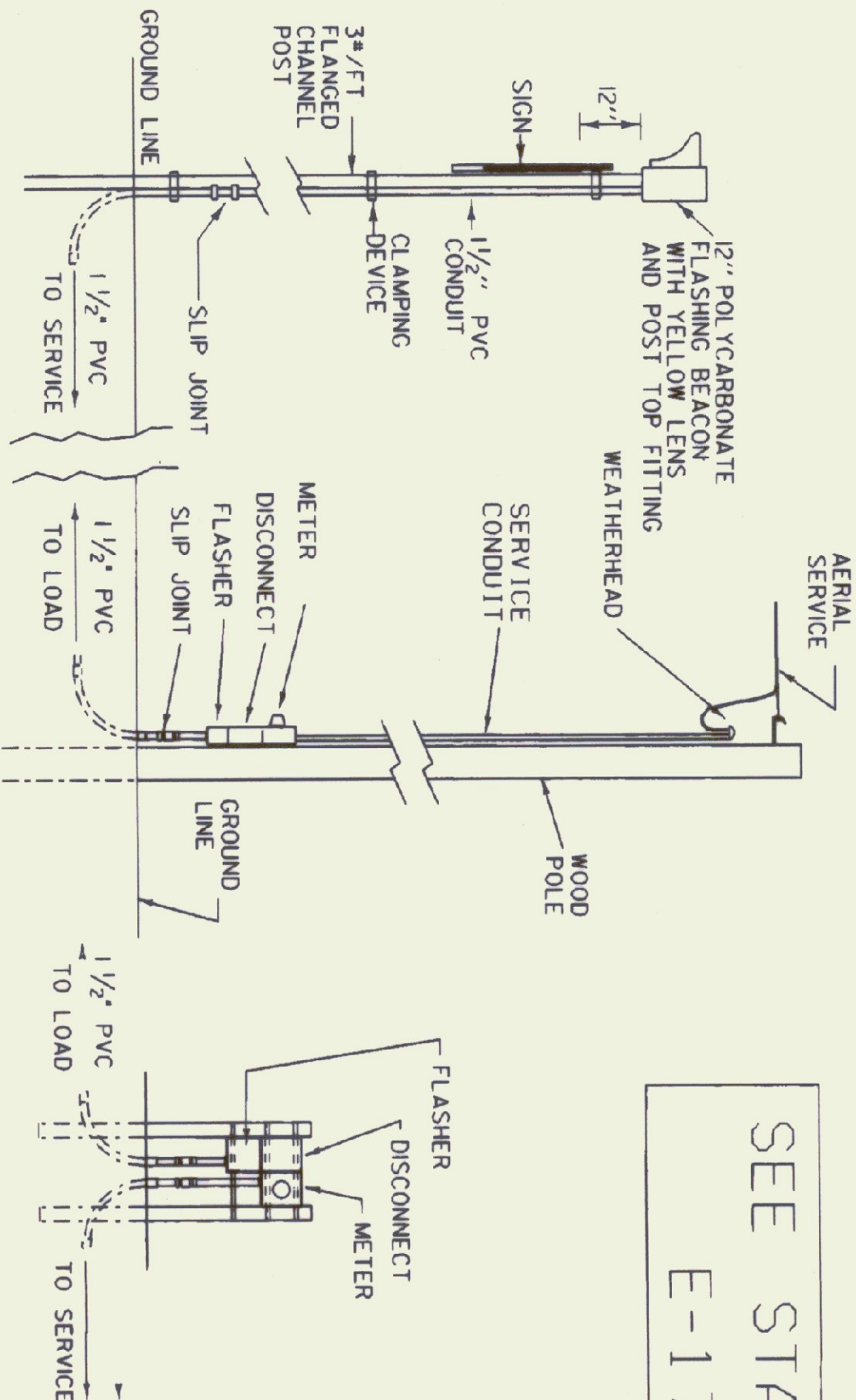
THIS DETAIL SHALL BE USED WHEN THE WORK ZONE BEGINS AT THE END OF THE ACCELERATION LANE OR THE MAINLINE LANE CLOSURE DRUM PLACEMENT INTERFERES WITH THE ON-RAMP TRAFFIC.

IF THE LENGTH OF THE ACCELERATION LANE IS NOT ADEQUATE, THE FIELD SIGN SHALL BE REPLACED WITH A STOP SIGN. IF A STOP SIGN IS USED, IT SHOULD BE ACCOMPANIED BY A STOP BAR.

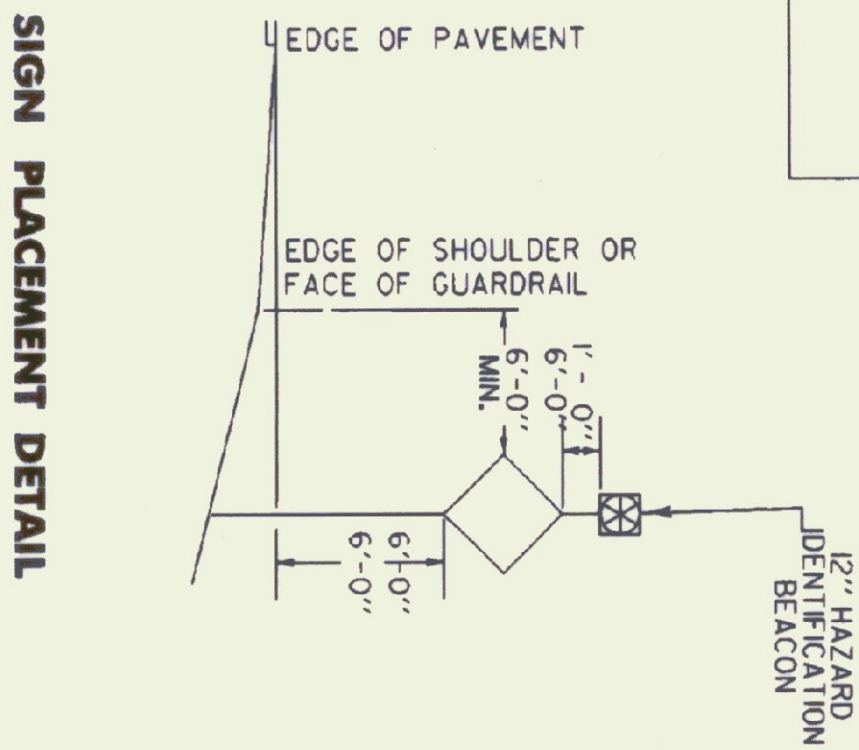
MAINLINE LANE CLOSURE AT AN ENTRANCE RAMP

MAINLINE LANE CLOSURE AT AN EXIT RAMP

THIS DETAIL SHALL BE USED WHEN THE WORK ZONE BEGINS AT THE CORE OR THE MAINLINE LANE CLOSURE DRUM PLACEMENT INTERFERES WITH THE EXIT RAMP.



SEE STANDARD
E-175



SIGN PLACEMENT DETAIL

FLASHING BEACON DETAIL

AERIAL SERVICE WITHOUT LUMINAIRE

UNDERGROUND SERVICE DETAIL

REVISIONS AND CORRECTIONS

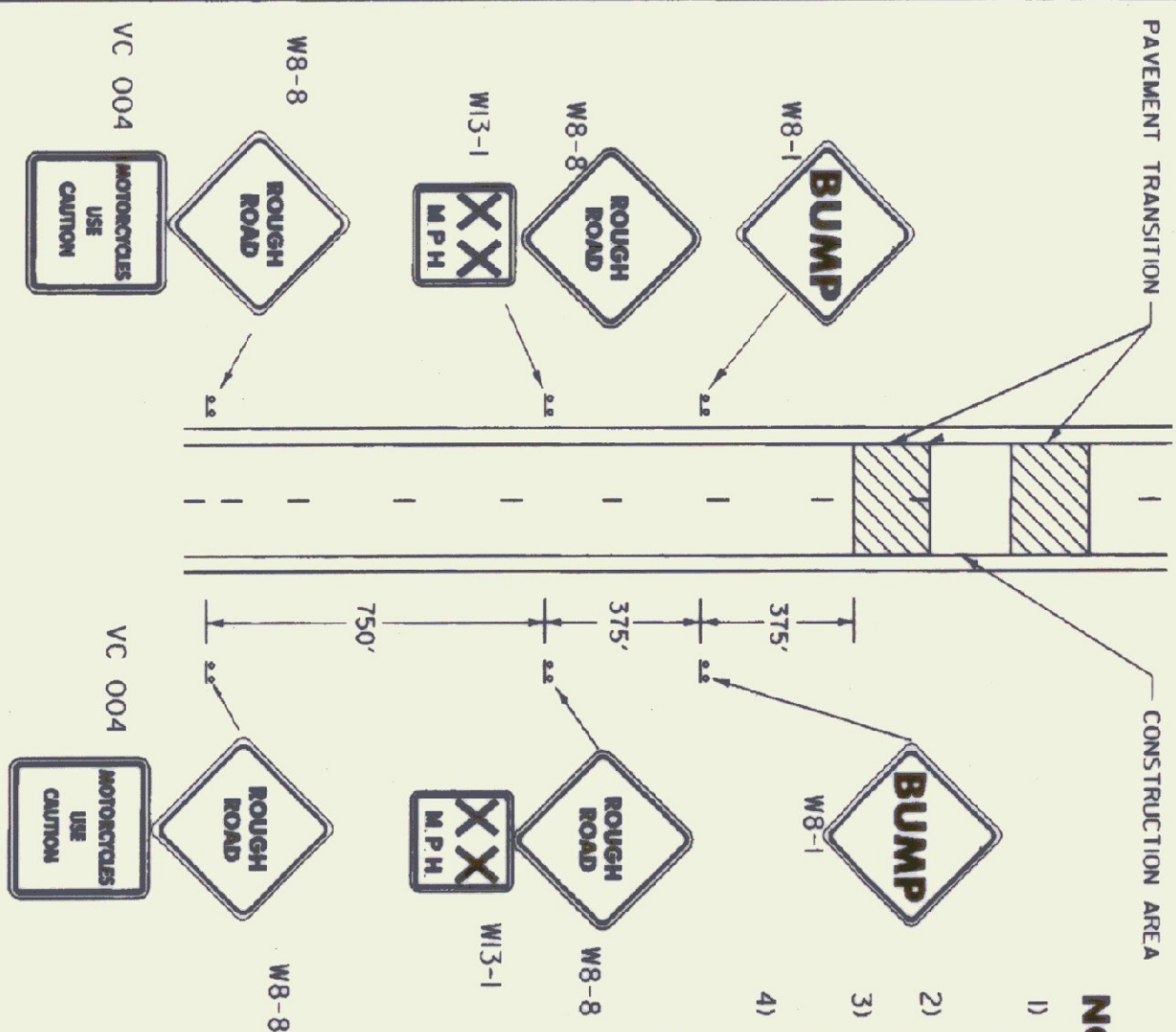
APR 12, 1988	DATE OF ORIGINAL ISSUE
JAN 23, 1989	REVISED EXIT SIGN - CLARIFIED EXIT TAPER
SEPT 20, 1993	REVISED RAMP CLOSURES, FLASHING BEACON DETAILS AND MOVED TYPE III BARRICADE (MOD) TO STD-E-107A
AUG 08, 1995	REVISED BEACON SIZE

APPROVED

David O. Roy
DIRECTOR OF THE OFFICE
TRAFFIC AND SAFETY ENGINEER

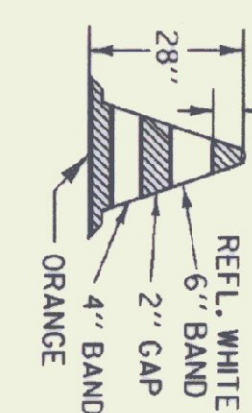
**TRAFFIC CONTROL
MISCELLANEOUS DETAILS**

ADVANCED WARNING SIGN PACKAGE FOR COLD PLANED (SCARIFIED) SURFACES.



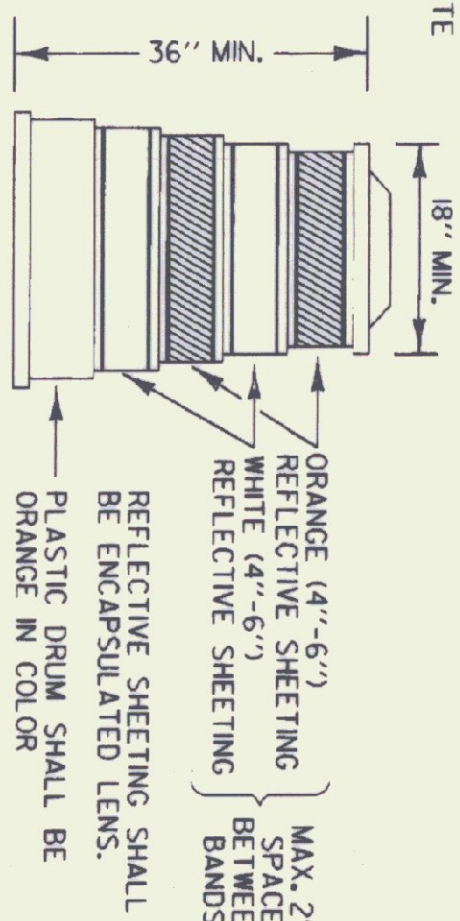
- NOTES:**
- 1) ADVISORY SPEED AS DETERMINED BY THE RESIDENT ENGINEER (40 MPH MINIMUM RECOMMENDED)
 - 2) SIGNS MOUNTED ON FIXED POSTS, (YIELDING TYPE)
 - 3) ALL DISTANCES ARE DESIRABLE MINIMUMS. FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT.
 - 4) WHEN THERE IS NO BUMP WHEN THE CONSTRUCTION AREA IS WORKING IN THE ADVANCED WARNING SIGN PACKAGE SHALL BE USED. SEE STD-E-103.

NOT TO SCALE



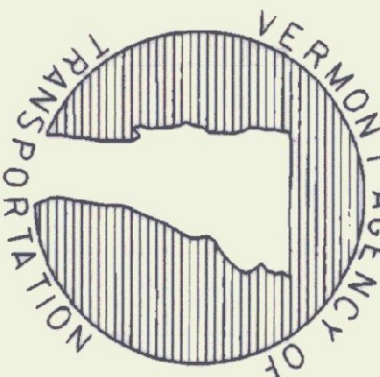
- NOTES:**
- 1.) 28" CONES SHALL BE USED ON ROADWAYS WITH SPEED LIMITS OF 35 MPH OR MORE AND ON ALL ROADWAYS DURING HOURS OF DARKNESS.
 - 2.) CONES MAY BE WEIGHTED TO PREVENT OVERTURNING, HOWEVER THE WEIGHTS SHALL NOT PRESENT A HAZARD IF THE CONE IS STRUCK.
 - 3.) REFLECTIVE SHEETING SHALL BE ENCAPSULATED LENS.

28" REFLECTORIZED CONE



REFLECTORIZED PLASTIC DRUM

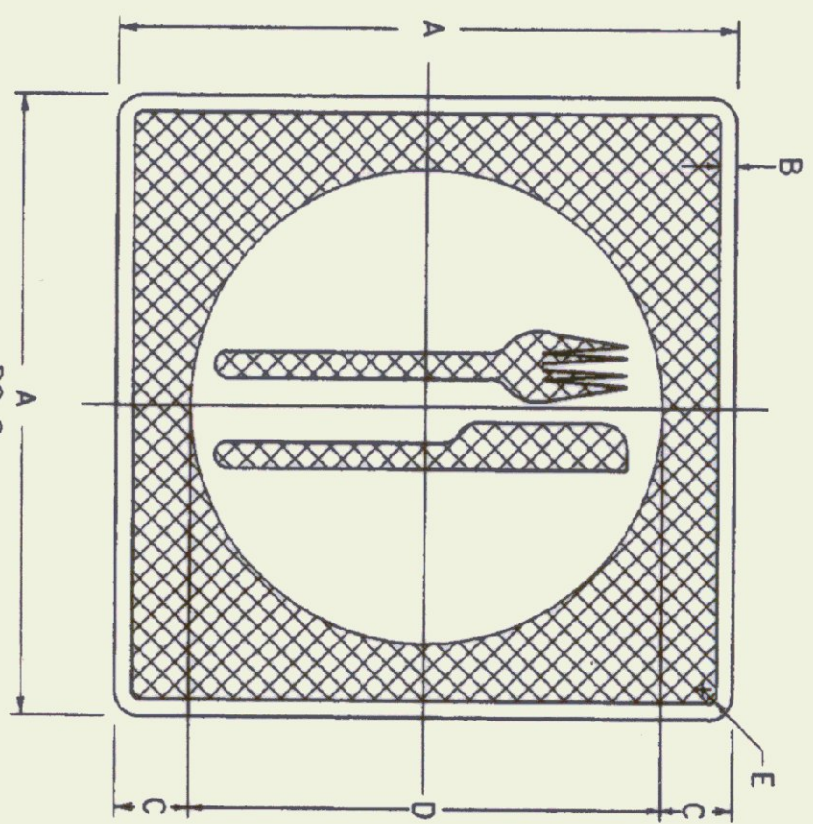
OTHER STDS. REQUIRED: E-101 E-102A E-107A E-150 E-102 E-103 E-136 E-175



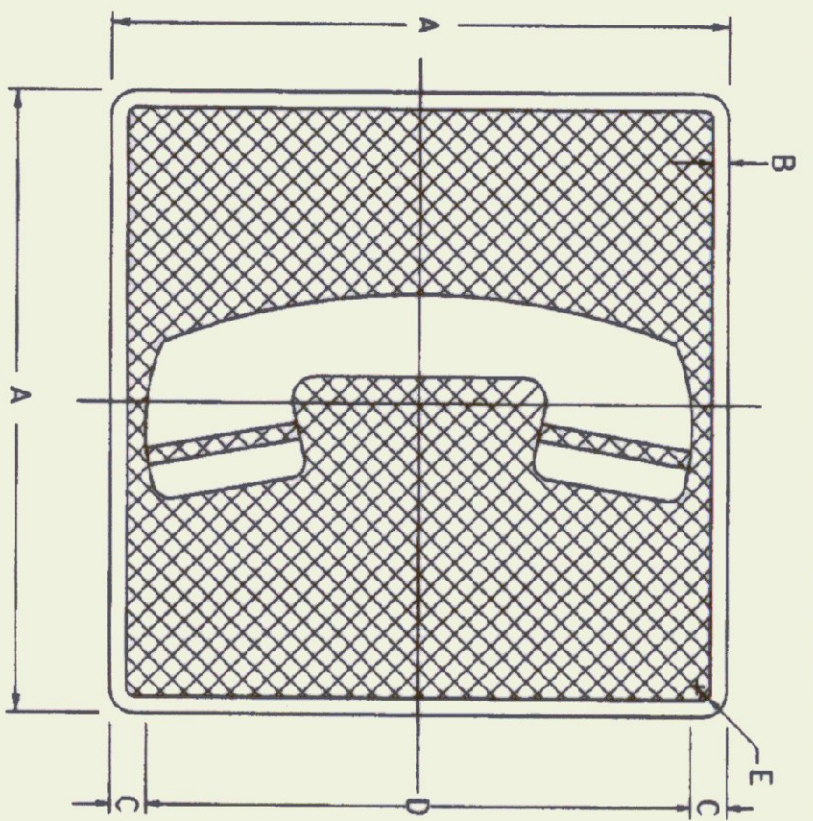
**STANDARD
E-106**

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION,
FHWA FINAL APPROVAL PENDING.

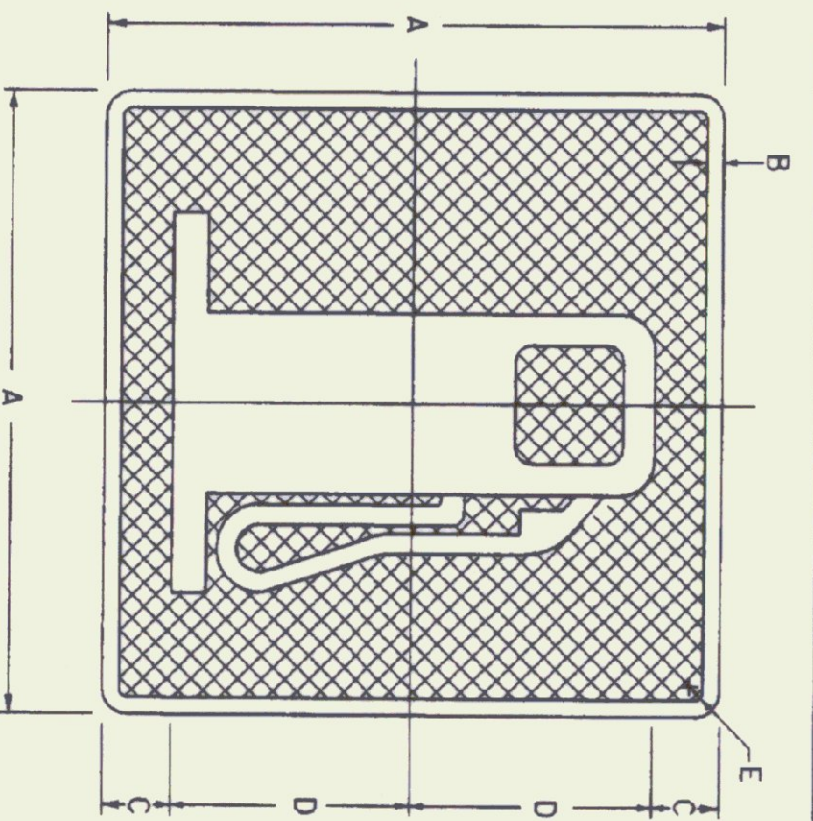
/tr of/std/stdel06.dgn : stdel06.i



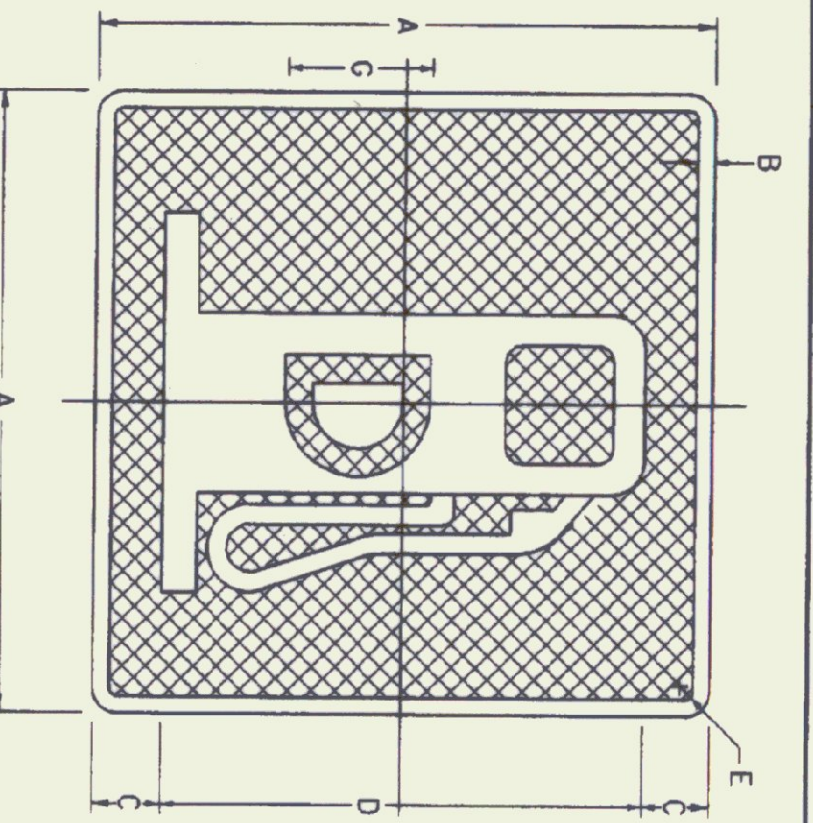
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



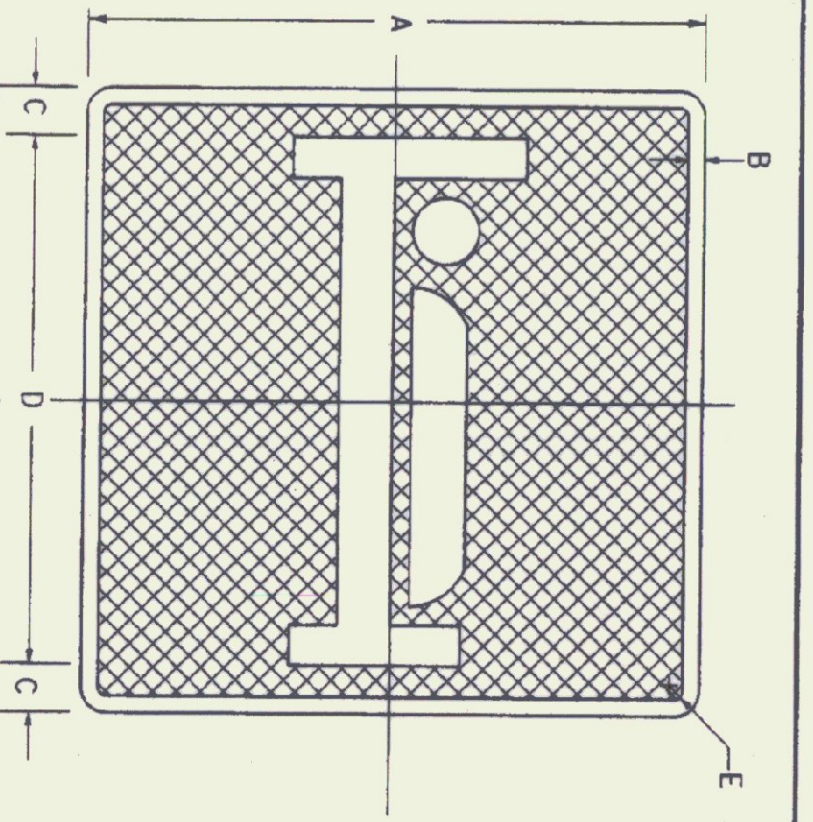
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



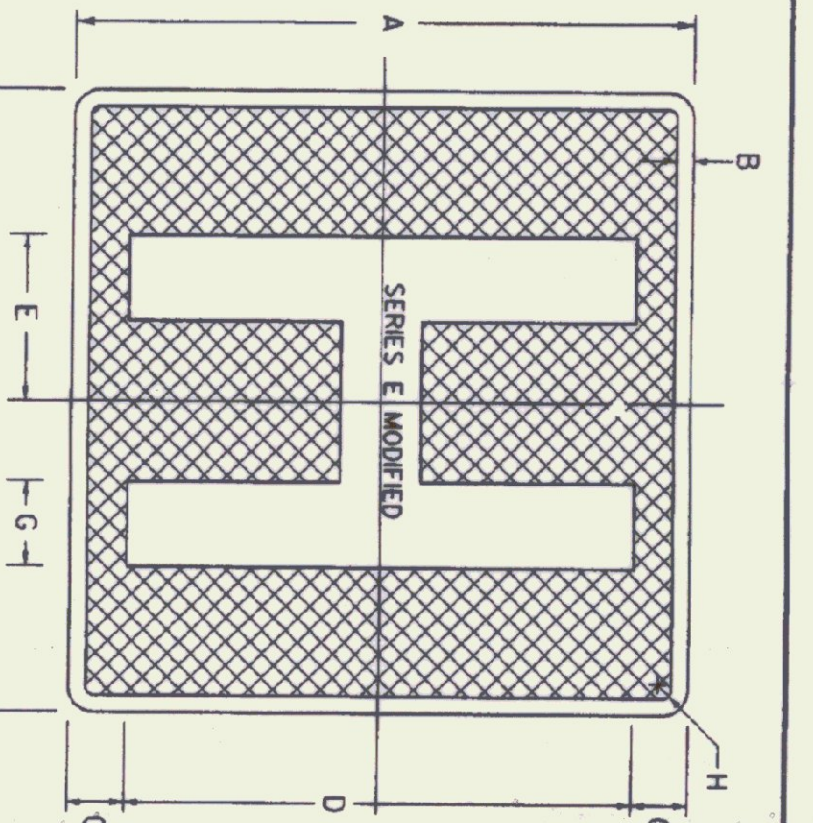
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	3	6	1/2
STD	24	1/2	3	9	1/2
SPECIAL	30	3/4	3 3/4	11 1/4	1 1/8



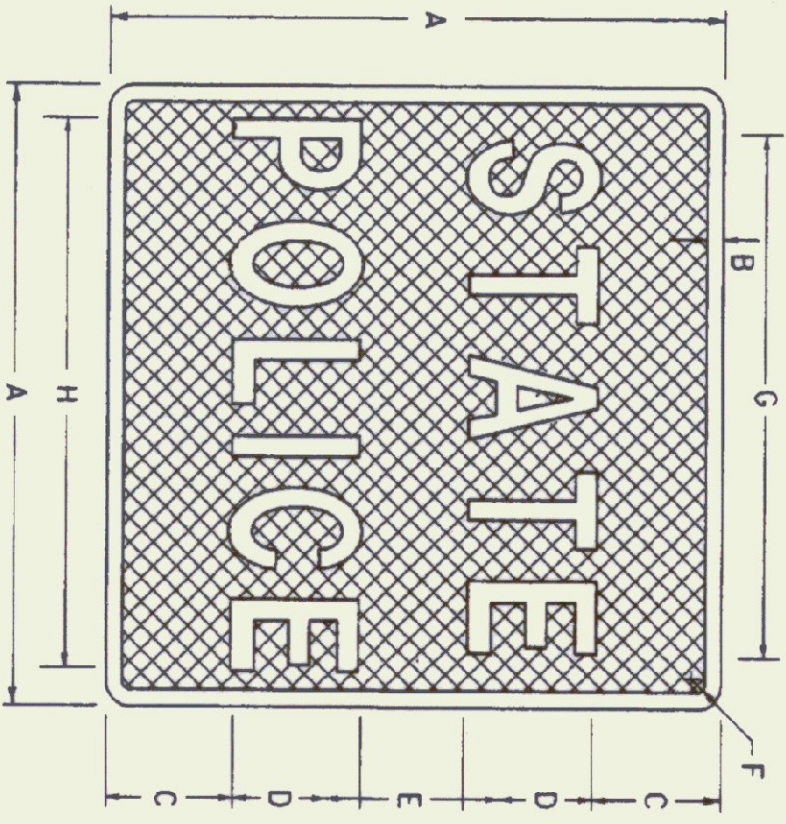
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



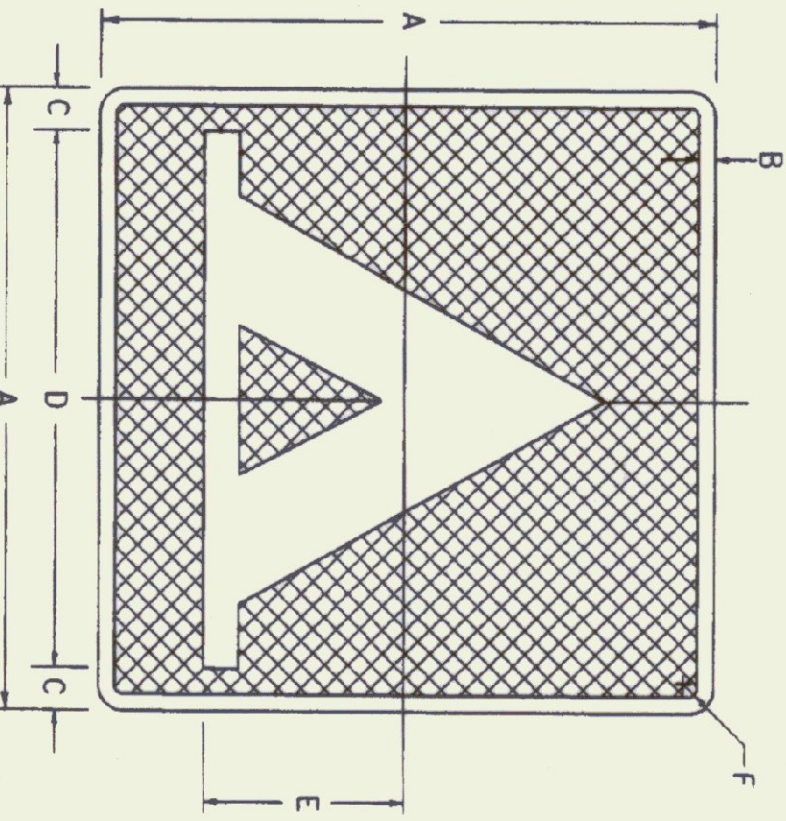
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



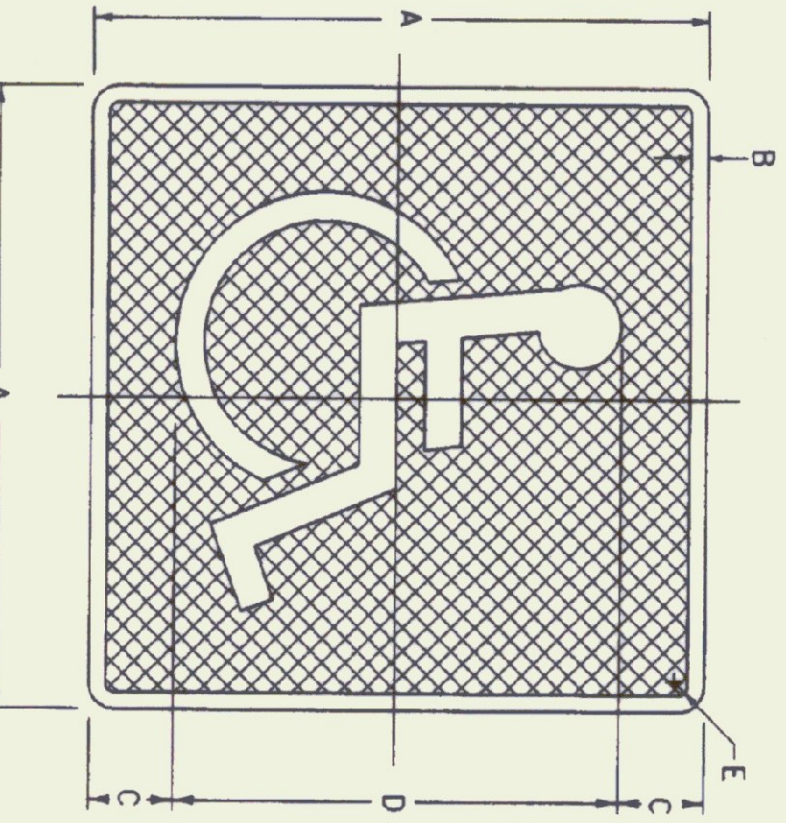
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	3/8
SPECIAL	30	3/4	2 1/2	25	1 1/8



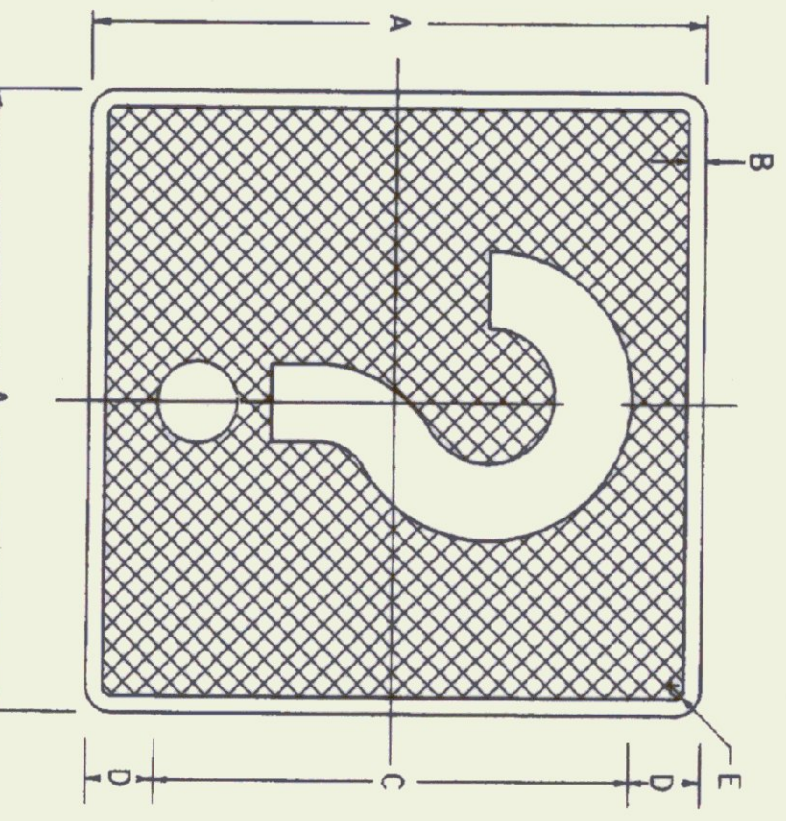
SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
MIN	24	1/2	5	5C	4	1/2	14 3/8	18
STD	30	1/2	6	6C	6	1/2	18 3/4	22 1/8



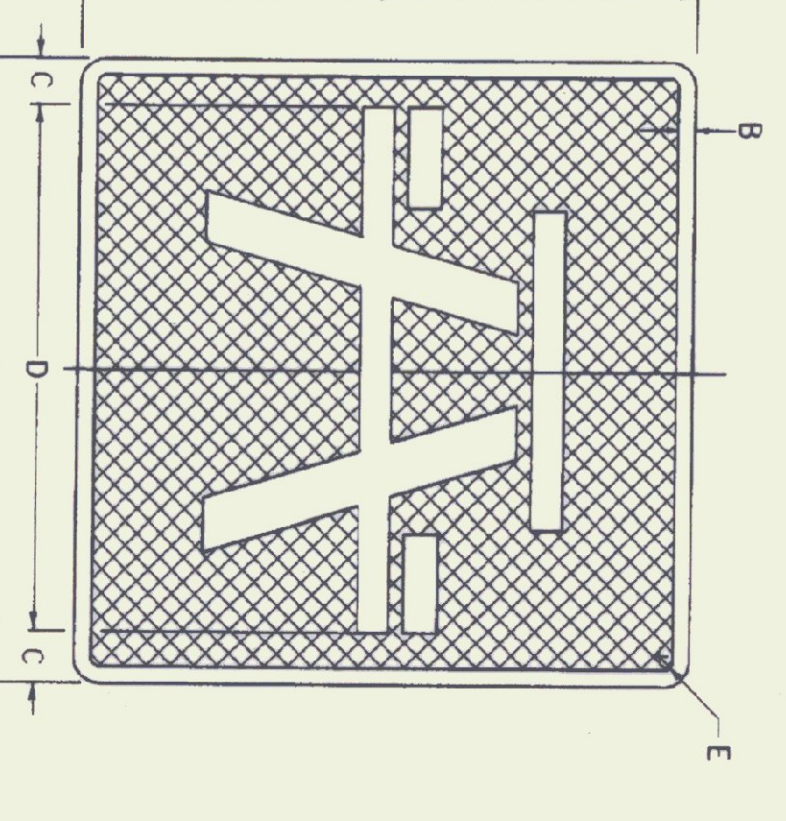
SIGN	DIMENSIONS (INCHES)					
	A	B	C	D	E	F
MIN	18	1/2	1/2	15	6	1/2
STD	24	1/2	2	20	8	1/2
SPECIAL	30	3/4	2 1/2	25	10	1 1/8



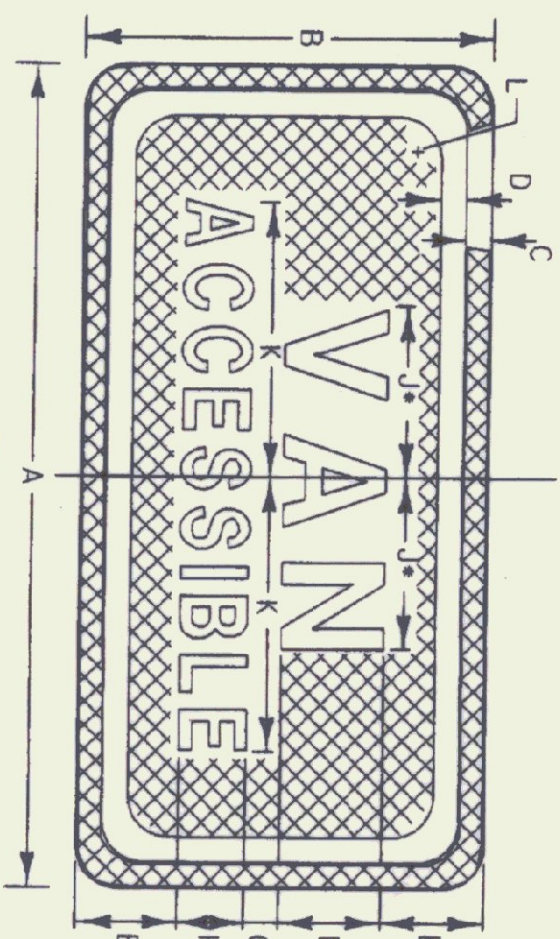
SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
MIN	18	1/2	1/2	15	1/2
STD	24	1/2	2	20	1/2
SPECIAL	30	3/4	2 1/2	25	1 1/8



SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	
STD	12	6	3/8	3/8	1/2	1/2	1/2	1/2	2 1/4	4	1/2	
SPECIAL	18	9	3/8	3/8	2 1/4	20	1	1 1/2	2 3/4	7	1/2	

NOTE:

ALL DIMENSIONS SHOWN IN INCHES

NOTES

MATERIALS
THE SIGN BASE MATERIAL USED FOR THE GUIDE SIGNS SHOWN ON THIS SHEET MAY BE ANY OF THE FOLLOWING MINIMUM THICKNESSES NOTED.

- A - FLAT SHEET ALUMINUM - 0.060
- B - HIGH DENSITY OVERLAP PLYWOOD - 1/2"
- C - GALVANIZED FLAT SHEET STEEL - 16 GA.

COLORS
THE SIGNS SHALL BE WHITE OR SILVER REFLECTORIZED SHEETING WITH A REVERSE SCREENED BLUE BACKGROUND. THE BLUE SHALL CONFORM WITH THE OFFICIAL AND APPROVED BY THE U.S. DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

LETTERING

LETTERS SHALL CONFORM WITH THE REQUIREMENTS FOUND IN THE PUBLICATION "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" PRINTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

THE DESIGN OF THESE SIGNS SHALL CONFORM WITH THE DETAILS SET FORTH IN THE MANUAL "STANDARD HIGHWAY SIGNS" AS SPECIFIED IN "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," LETTER-NUMERAL DESIGNATION UNDER SPECIFICATIONS

THESE SIGNS SHALL MEET THE STANDARD STATE SPECIFICATIONS FOR "TRAFFIC SIGNS."

OTHER STDS. REQUIRED:

APPROVED

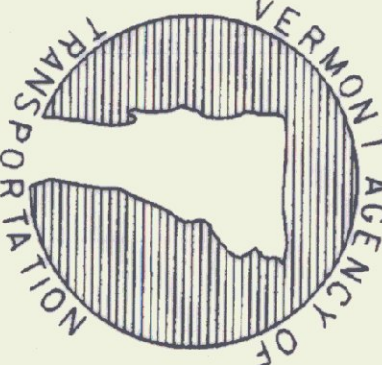
REVISIONS AND CORRECTIONS
SEPT. 10, 1987 - DATE OF ORIGINAL ISSUE
DEC. 18, 1989 - DELETED SERVICE MOUNTING DETAIL
REVISED "STATE POLICE" SIGN
ADDED "AHEAD" SIGN
AUG. 18, 1995 - SIGN DETAIL REVISIONS PER STANDARD HIGHWAY SIGNS MANUAL

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION,
FINAL FINAL APPROVAL PENDING.

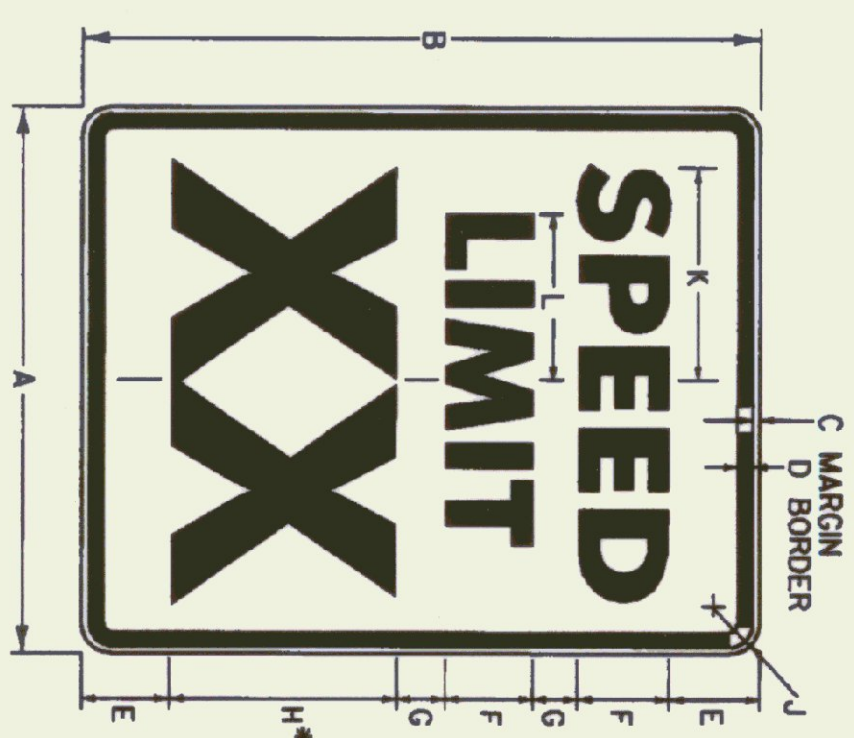
David A. Rose
DIRECTOR OF ENGINEERING
TRAFFIC AND SAFETY ENGINEER

GENERAL MOTORIST SERVICES SIGN DETAILS

/tr04f/std/std0132.dgn : std0132.i

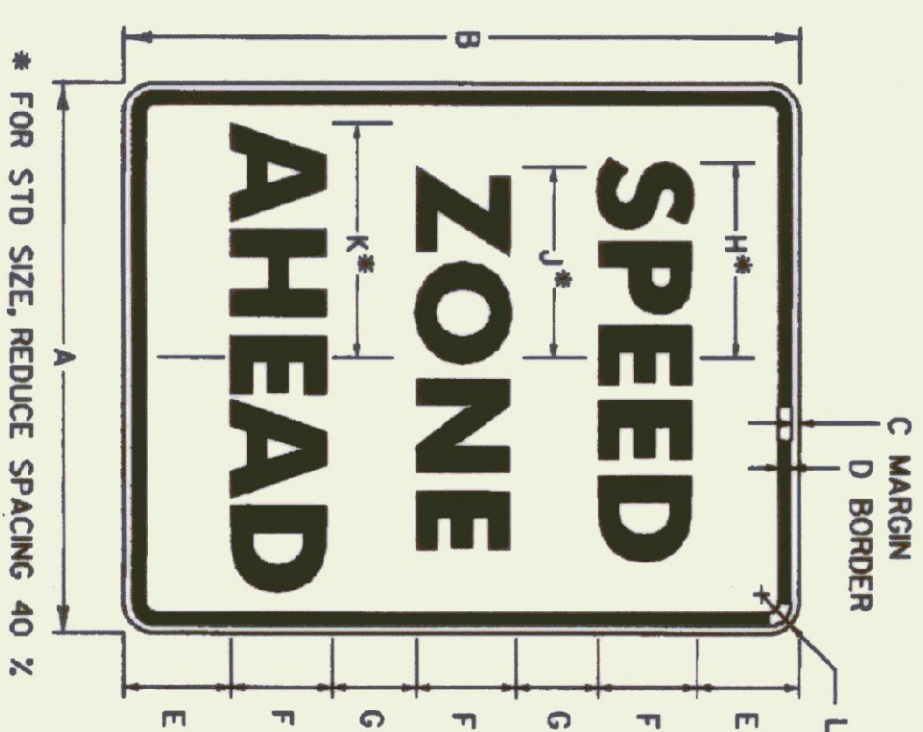


STANDARD
E-132



* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE.

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	I	J	K	L
MIN	18	24	3/8	5/8	3	3E	2	8E	1/2	7 1/2	5/2	
STD	24	30	3/8	5/8	4	4E	2	10E	1/2	9 1/2	7 1/2	
EXWY	36	48	5/8	1 1/8	6	6E	5	14E	2/4	14 3/4	11	
FWY	48	60	3/4	1 1/4	8	8E	4	20E	3	19 3/8	14 5/8	

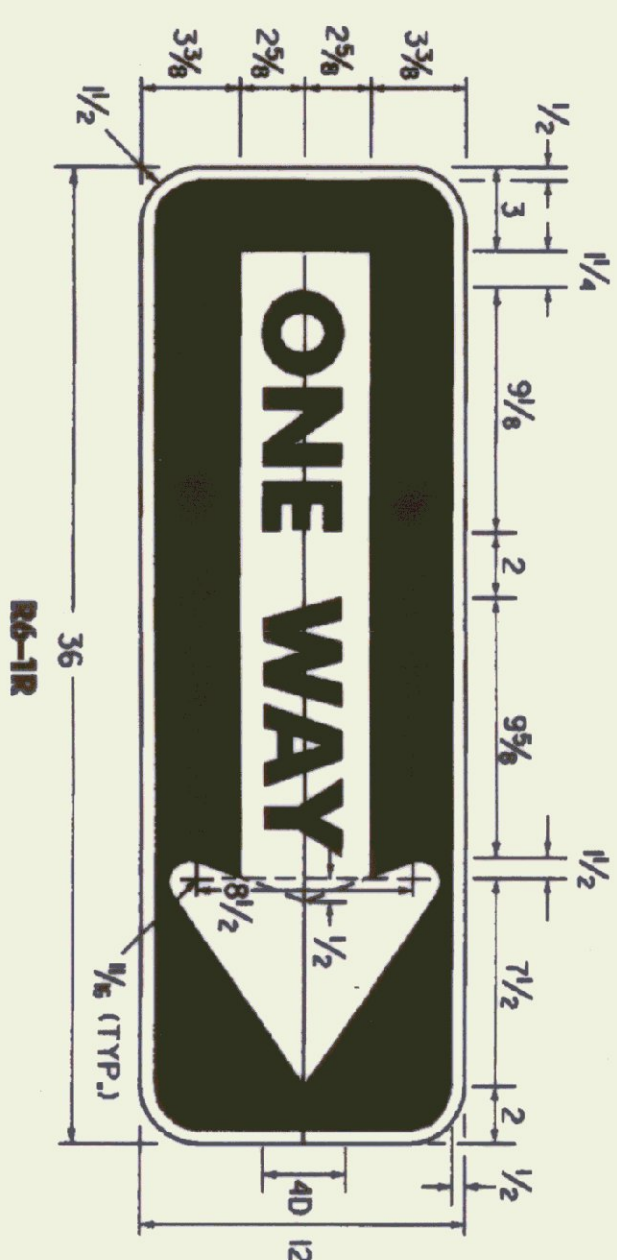


R2-5C

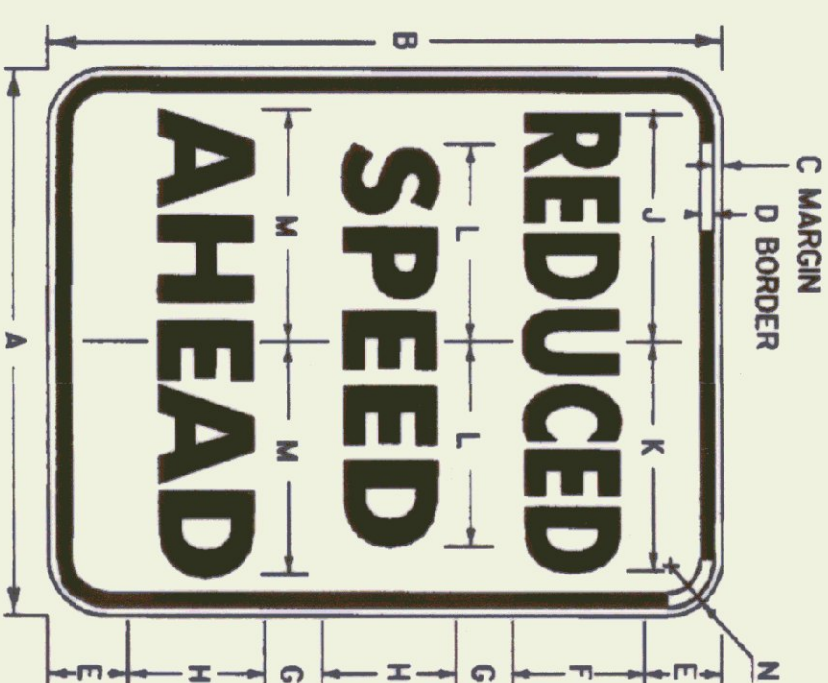
SIGN	DIMENSIONS (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
MIL.	18	24	3%	3%	3 1/2	4	2 1/2	6 1/8	5 1/2	7	1 1/2
SLID.	24	30	3%	3%	3 1/2	6	2 1/2	9 1/8	7%	9 3/4	1 1/2
EXP.	36	48	3%	7/8	9	9C	5	13 3/8	14	2 1/4	1 1/2
"WY.	48	60	3/4	1 1/4	9	10C	6	17	13%	17 1/2	3



TO BE USED WITH "SPEED LIMIT 55" OR "65" FWY SIGN ONLY

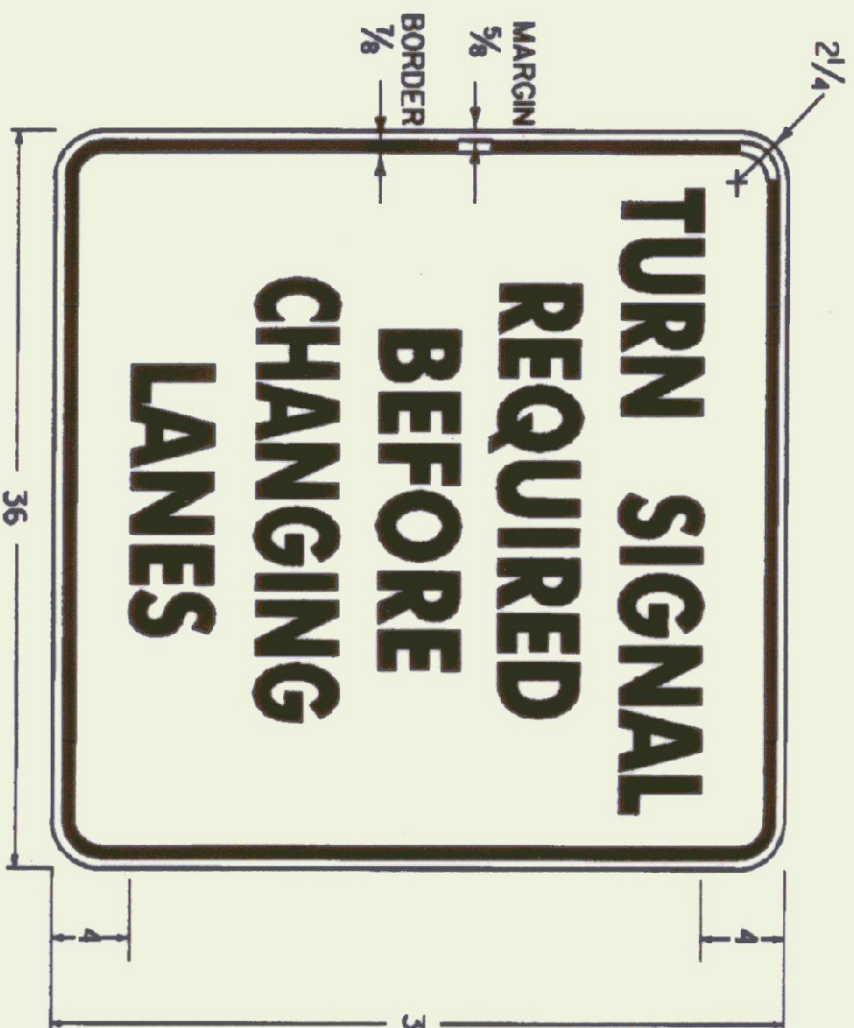


B6-1B

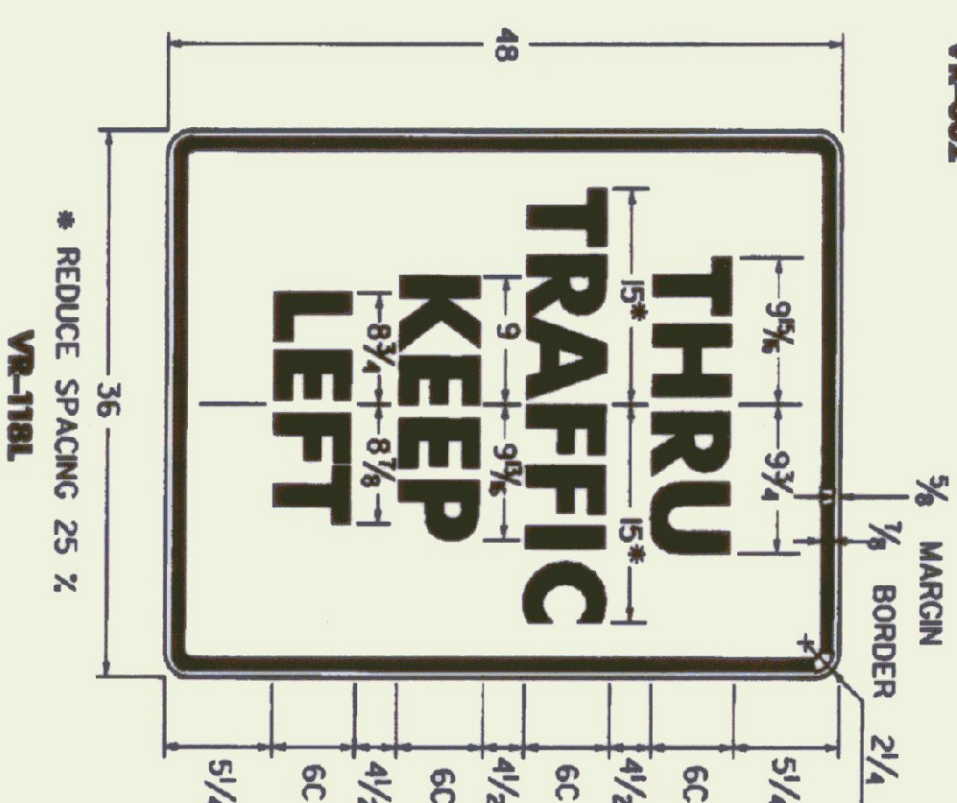


R2-5A

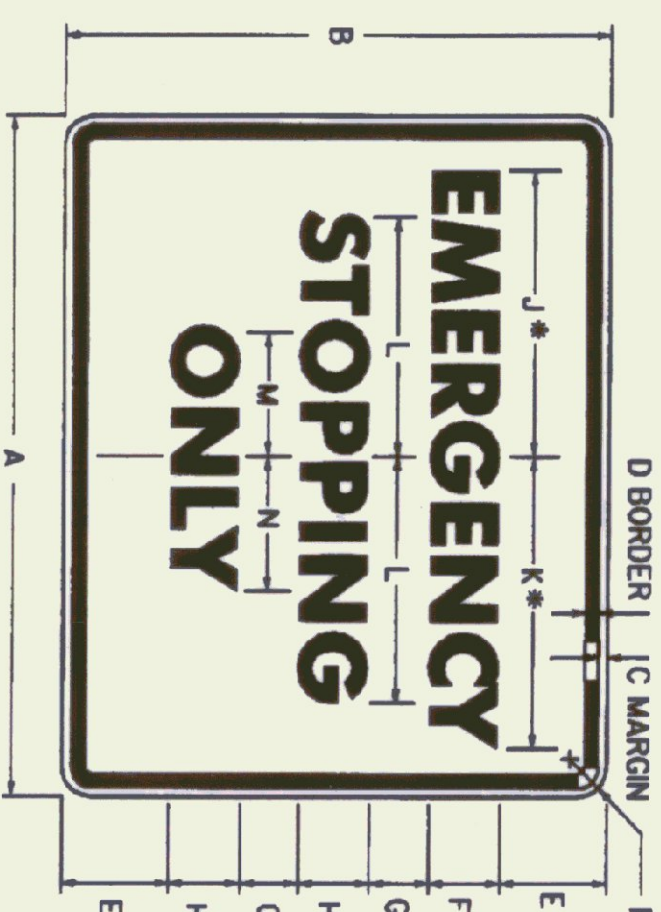
SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	
MIN.	18	24	3%	3 1/2	48	2 1/2	4C	6 1/2			7	6 1/2	1 1/2	
STD.	24	30	3%	3 1/2	68	2 1/2	6B	10 3/4	9 3/4	9 3/4	1 1/2			
EXP.	36	48	3%	7	88	5	8C	14 1/4	14 3/4	13 3/4	14	2 1/2		
F.W.	48	60	3 1/4	9	108	6	10C	17 3/4	18 1/2		17 1/2	3		



TEXT 4"C; SPACING 2"
VR-002



VR-1181



* FOR FWY SIZE, REDUCE SPACING 50 %

SIGN	DIMENSIONS (INCHES)														
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	
EXPY.	30	24	3 1/2	5 1/2	3 1/2	4C	2 1/2	4D	12 1/2	13	12 3/4	6 1/2	7	1 1/4	
F.W.Y.	48	36	3 1/2	7 1/2	5	6D	4	6D	20 1/2	21 1/2	19 1/2	10 1/2	10 1/2	2 1/2	



TEXT 2"C, SPACING 1/2", EXCEPT WHERE NOTED.
VR-046



* OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE.

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	
STD	24	30	3/8	1/8	4	1E	2	1OE	1/2	9 3/8	6 1/8	
EXPW	36	48	5/8	3/8	6	6E	5	14E	2 1/4	13 3/4	10 7/8	
FWY	48	60	3/4	1/4	8	8E	4	20E	3	18 3/8	13 3/8	

GENERAL:

1. ALL DIMENSIONS IN INCHES.

COLORS:

THE REGULATORY SIGNS SHOWN ON THIS SHEET SHALL HAVE BLACK TEXT ON REFLECTORIZED WHITE BACKGROUND, UNLESS OTHERWISE NOTED. THE COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

MATERIALS:

THE SIGN BASE MATERIALS USED FOR REGULATORY SIGNS SHOWN ON THIS SHEET MAY BE ANY OF THE FOLLOWING OF THE MINIMUM THICKNESS NOTED.

FLAT SHEET ALUMINUM
HIGH DENSITY OVERLaid PLYWOOD
GALVANIZED FLAT SHEET STEEL

THE REFLECTIVE MATERIAL FOR GROUND MOUNTED SIGNS SHALL BE AASHTO TYPE II OR III WHITE REFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN, THE TEXT OF THE SIGNS MAY BE LETTERING FILM, SILK SCREENED OR HAND PAINTED, HAND PAINTING MUST BE COMPARABLE IN QUALITY TO THE RESULTS OBTAINED BY SILK SCREENING.

SPECIFICATIONS:

REGULATORY SIGNS SHALL MEET THE VERMONT STANDARD SPECIFICATIONS FOR TRAFFIC SIGNS.

TEXT DESIGN:

LETTERS, DIGITS, ARROWS, SPACING AND TEXT DIMENSIONS SHALL CONFORM WITH THE 'STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS,' AND DESIGNS PRESCRIBED IN THE STANDARD HIGHWAY SIGNS AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

**OTHER STDS.: NONE
REQUIRED**

REVISIONS AND CORRECTIONS

OCT. 30, 1987 - DATE OF ORIGINAL ISSUE
SEPT. 20, 1995 - ADDED AND DELETED SIGN DETAILS,
ADDED SIGN ID NUMBERS, MINOR NOTE
REVISIONS.

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION.
FHWA FINAL APPROVAL PENDING.

APPROVED

REGULATORY SIGN DETAILS

Erica D. McCaffrey
DIRECTOR OF ENGINEERING

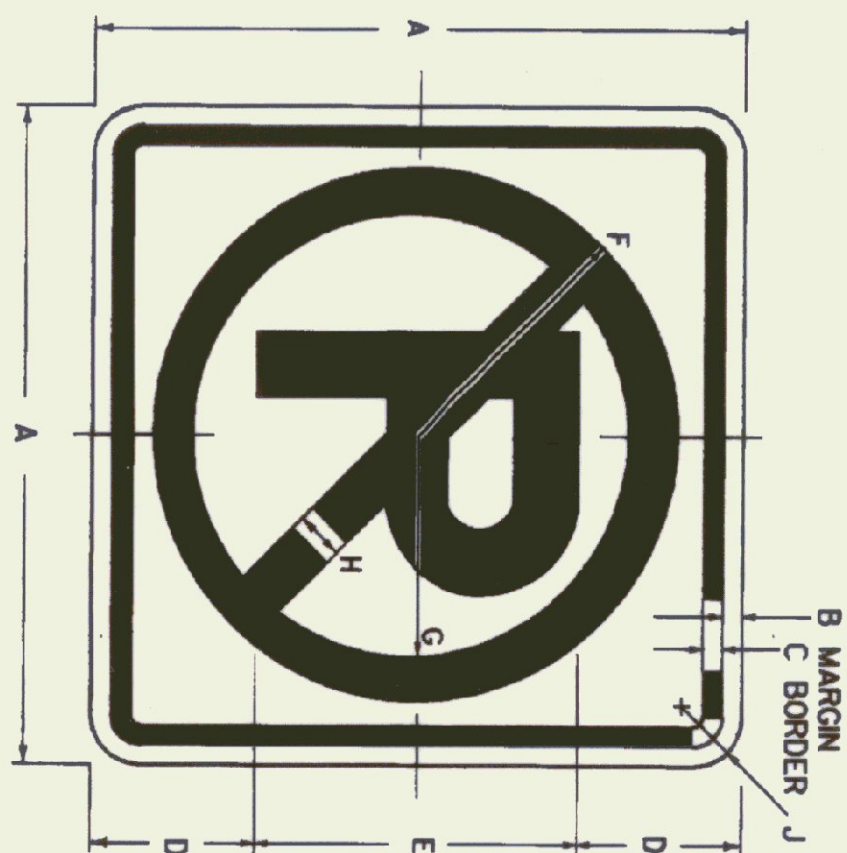
David A. Davis
TRAFFIC AND SAFETY ENGINEER

TRAFFIC AND SAFETY ENGINEER

/traf/std/stdel42.dgn : stdel42.1



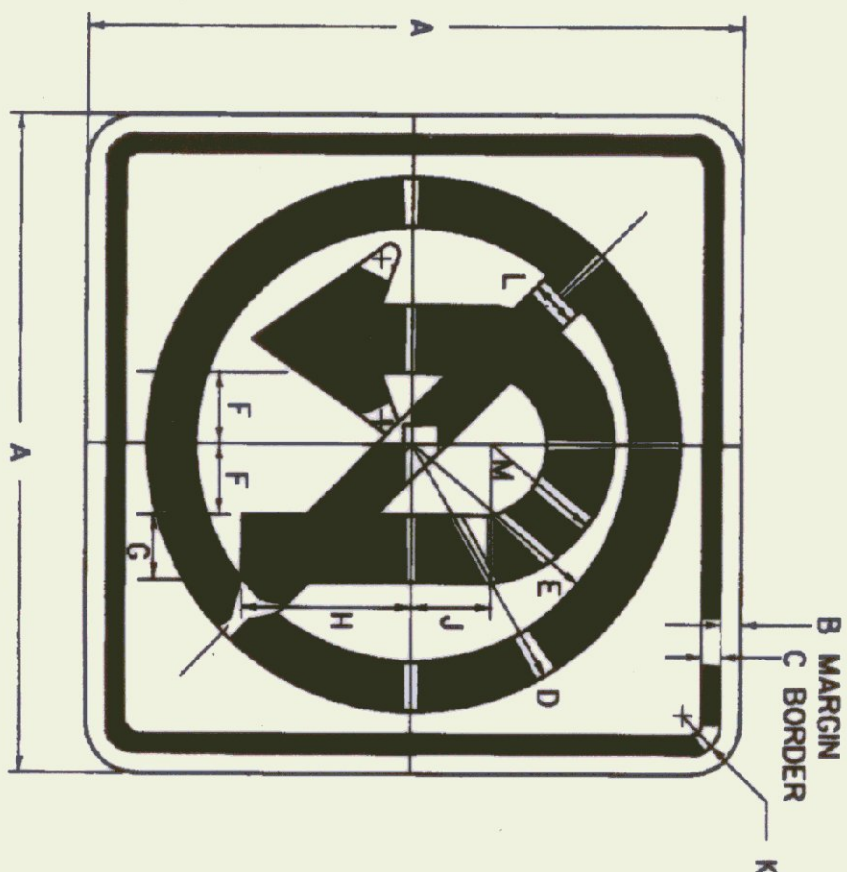
STANDARD E-142



COLORS
CIRCLE AND DIAGONAL - RED (REFL. - RURAL)
SYMBOL AND BORDER - BLACK (NON - REFL.)
BACKGROUND - WHITE (REFL. - RURAL)

R2-3A

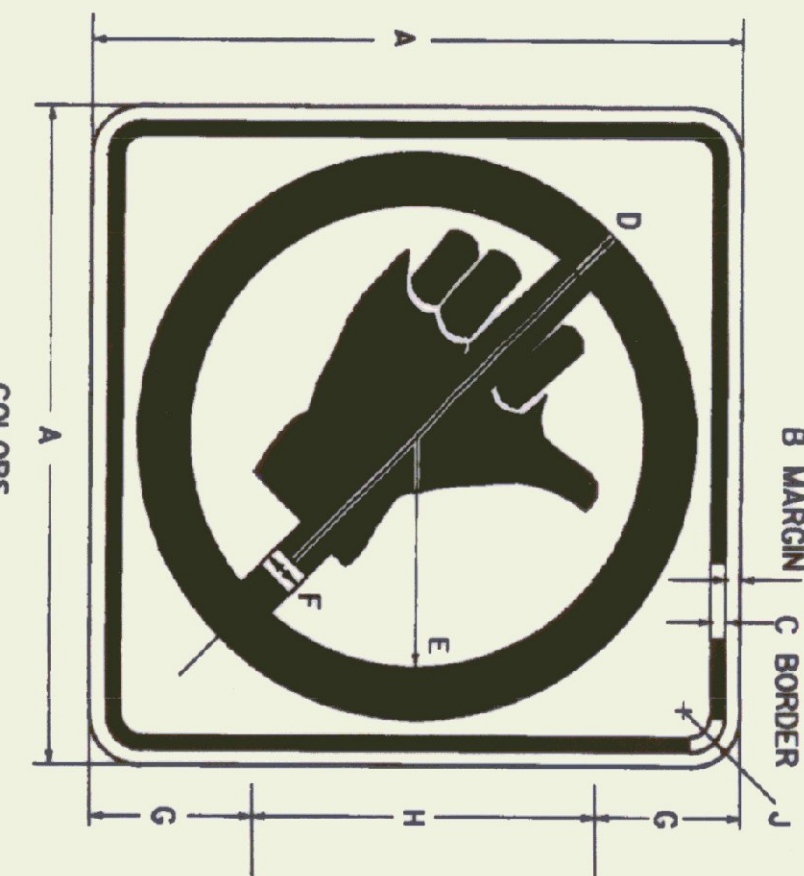
SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
URBAN MIN.	12	3/4	3/4	3	6E(M)	4 1/2	3 3/4	1	1 1/2				
RURAL MIN.	24	3/4	3/4	6	12E(M)	10 1/2	8 1/2	2	1 1/2				
AND STD.													
EXPWY.	36	3/4	1/4	9	18E(M)	15 3/4	12 3/4	3	2 1/4				
SPECIAL	48	3/4	1/4	12	24E(M)	21	17	4	3				



COLORS
CIRCLE AND DIAGONAL - RED (REFL.)
SYMBOL AND BORDER - BLACK (NON - REFL.)
BACKGROUND - WHITE (REFL.)

R3-4

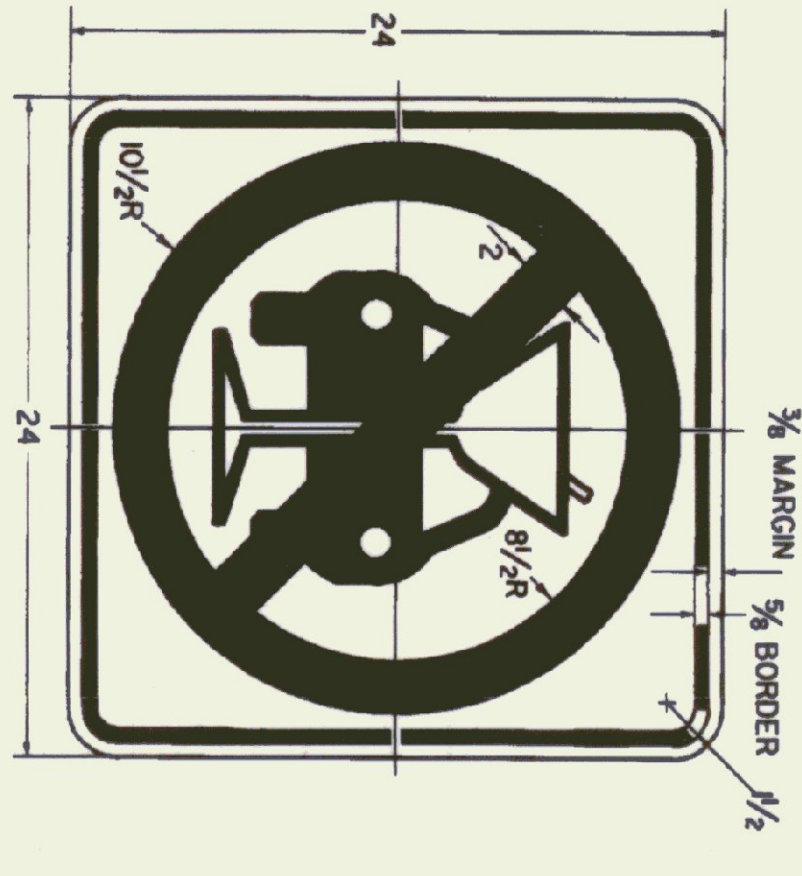
SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN. AND STD.	24	3/4	3/4	10 1/2	8 1/2	2 1/2	2 1/2	6	2 1/4	1 1/2	2	5	
SPECIAL	30	1 1/2	3/4	13 1/8	10 3/4	3 1/4	3 1/4	7 1/2	2 3/4	1 3/4	2 1/2	6 1/4	5
EXPWY.	36	3/4	1/4	15 1/2	12 1/4	3 3/4	3 3/4	9	3 3/4	2 1/4	3	7 1/2	
SPECIAL	48	3/4	1/4	21	17	5	5	12	4 1/2	3	4	10	



COLORS
CIRCLE AND DIAGONAL - RED (REFL.)
SYMBOL AND BORDER - BLACK (NON - REFL.)
BACKGROUND - WHITE (REFL.)

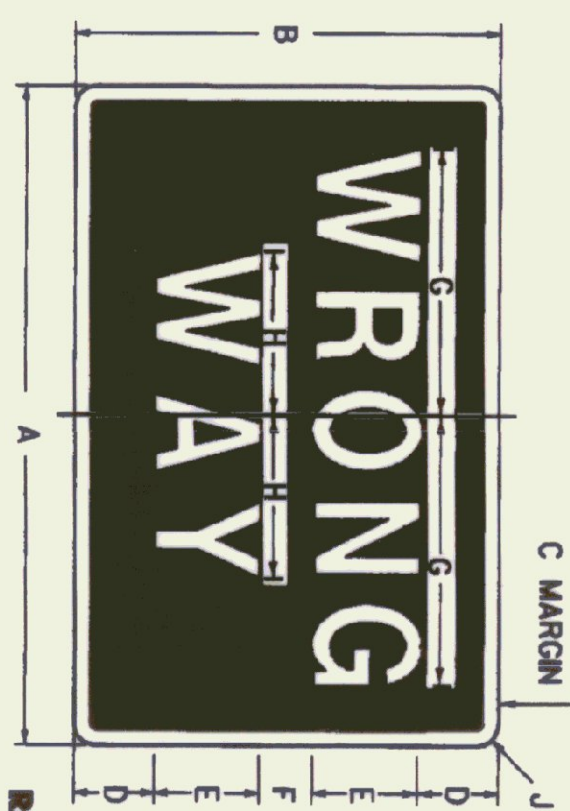
R3-4A

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN.	18	3/4	3/4	7 1/4	6 3/4	1 1/2	3 3/4	10 1/2	1 1/2				
STD.	24	3/4	3/4	10 1/4	8 1/2	2	5	14	1 1/2				



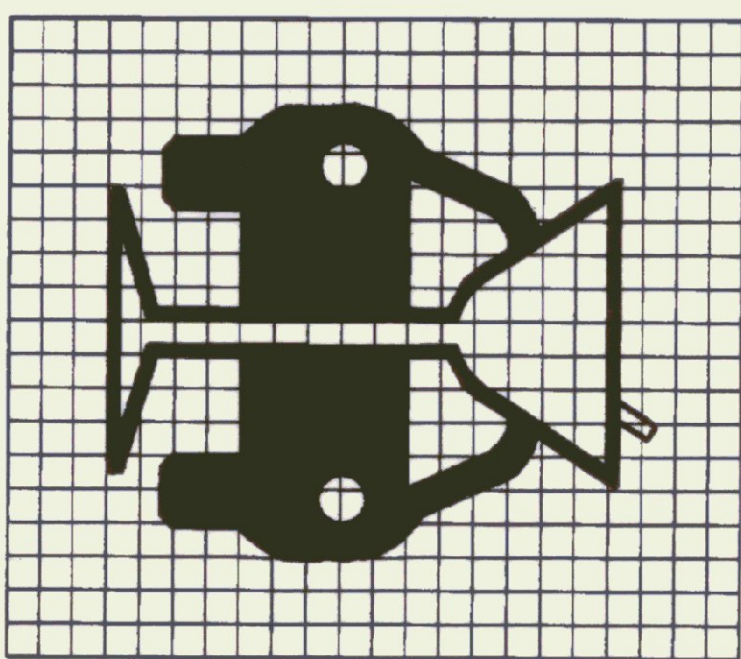
COLORS
CIRCLE AND DIAGONAL - RED (REFL.)
SYMBOL AND BORDER - BLACK (NON - REFL.)
BACKGROUND - WHITE (REFL.)

VR-654



COLORS
LEGEND - WHITE (REFL.)
ENCAPSULATED LENS

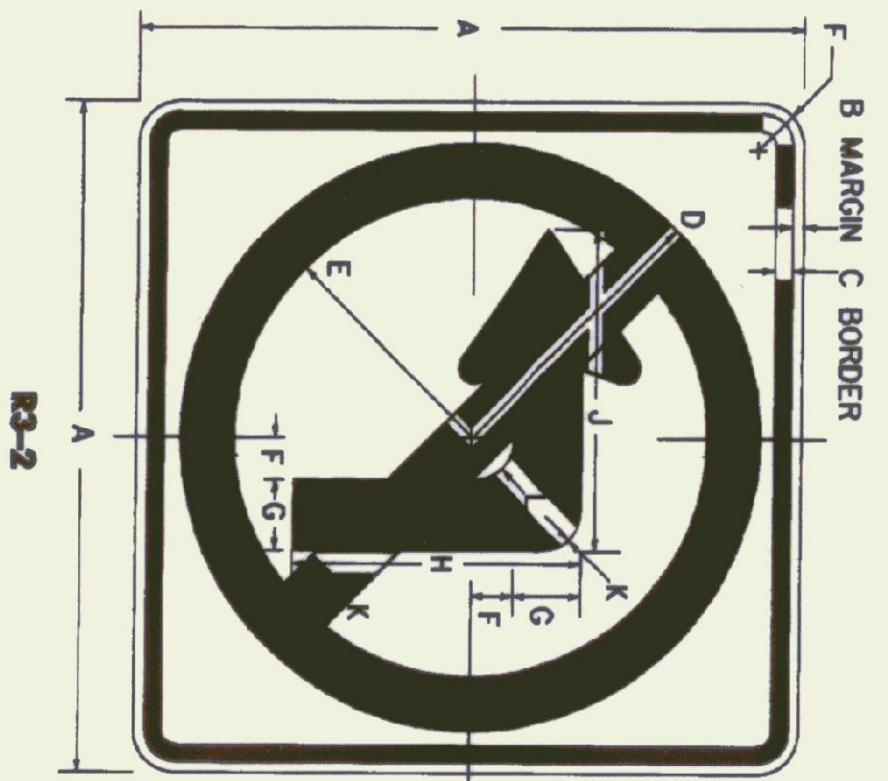
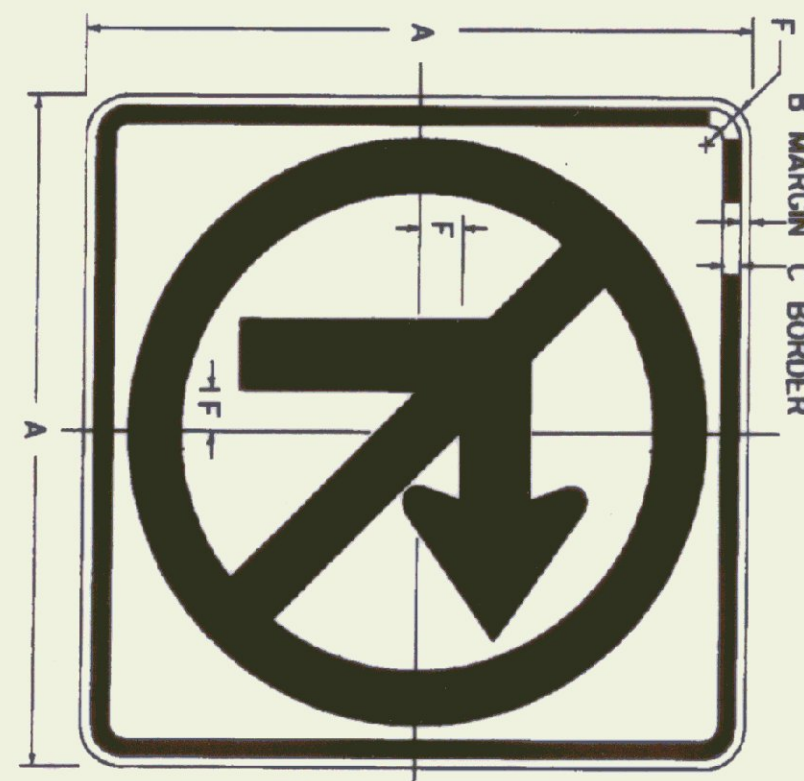
SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN.	30	18	3/4	3	50	2	11 1/4	6 1/4	1 1/2				
STD.	36	24	3/4	4 1/2	60	3	13 3/4	8 1/4	1 1/2				
SPECIAL	42	30	3/4	5	80	4	17 1/4	10 1/4	1 1/2				



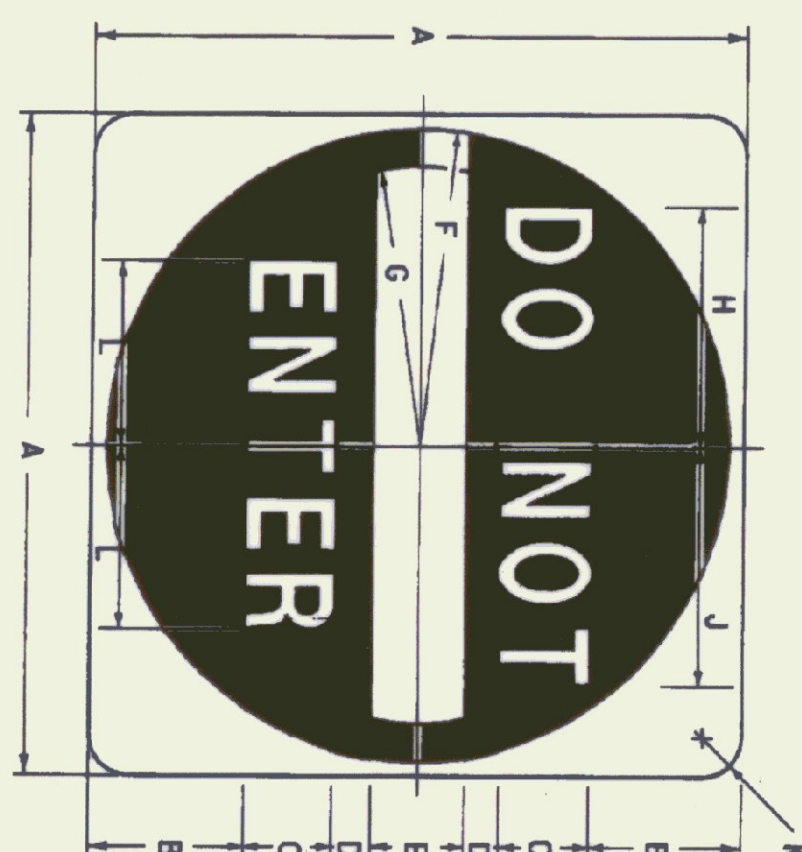
COLORS
CIRCLE AND DIAGONAL - RED (REFL.)
SYMBOL AND BORDER - BLACK (NON - REFL.)
BACKGROUND - WHITE (REFL.)

NOTE:
USE SAME ARROW DETAIL FOR R3-1 AND R3-2

R3-1



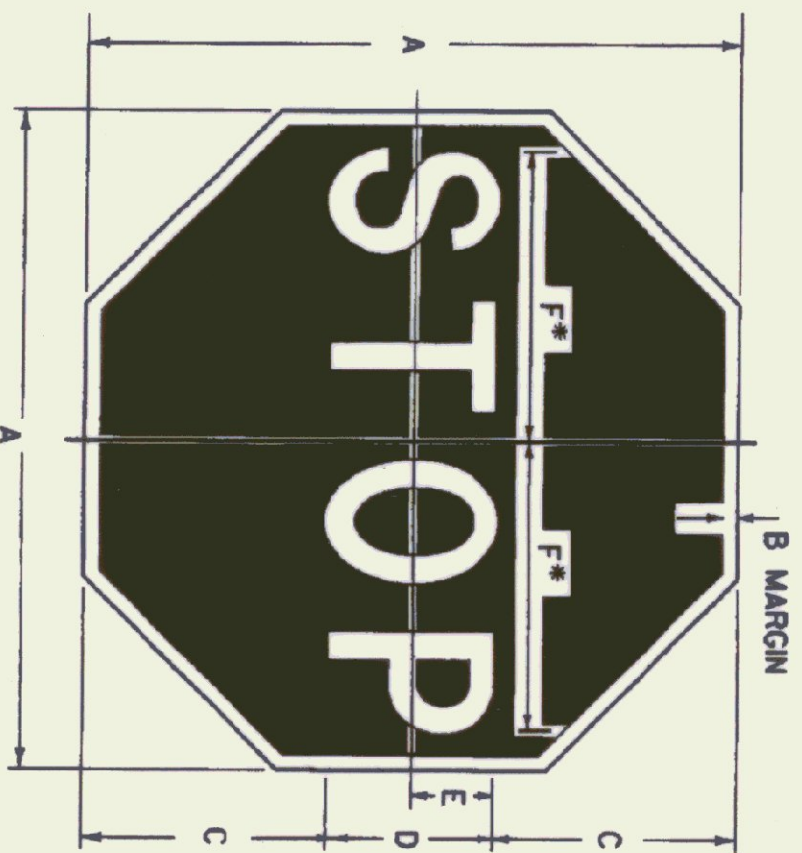
R3-2



COLORS
SYMBOL - RED (REFL.)
LEGEND AND BACKGROUND - WHITE (REFL.)
ENCAPSULATED LENS

R5-1

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN. AND STD.	30	6 1/2	40	2	5	1 1/2	12 1/2	9 3/4	10	1 1/4	7 1/4		
EXPWY.	36	7 1/2	50	2 1/2	6	1 1/2	15	12	12 3/4	2 1/4	9 3/4		
SPECIAL	48	11	60	3	8	2 3/4	20	14 1/2	15	3	11 3/4		



* REDUCE SPACING 40 %
COLORS
LEGEND - WHITE (REFL.)
BACKGROUND - RED (REFL.)
ENCAPSULATED LENS

R1-1

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	M	
MIN.	18	3/4	6	6C	3	7 3/4							
STD.	24	3/4	10	10C	5	12 1/2							
EXPWY.	36	3/4	12	12C	6	15							
SPECIAL	48	1 1/4	16	16C	8	20							

- GENERAL:
1. ALL DIMENSIONS IN INCHES.
 2. SEE STANDARD E-144 FOR ARROWHEAD DETAILS.

COLORS:

THE REGULATORY SIGNS SHOWN ON THIS SHEET SHALL HAVE BLACK TEXT ON REFLECTORIZED THE COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AND APPROVED BY THE DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

MATERIALS:

THE SIGN BASE MATERIALS USED FOR REGULATORY SIGNS SHOWN ON THIS SHEET MAY BE ANY OF THE FOLLOWING OF THE MINIMUM THICKNESS NOTED.

- FLAT SHEET ALUMINUM
HIGH DENSITY OVERLAP PLYWOOD
GALVANIZED FLAT SHEET STEEL
- 12" X 12" 1/2" X 1/2" 36" X 24" 1/2" X 1/2" 42" X 30" 48" X 48"
- 18 GAGE 1/2" X 1/2" 30" X 30" 1/2" X 1/2" 1/2" X 1/2" 1/2" X 1/2" 1/2" X 1/2"
- 0.060" 0.080" 0.100" 0.100" 0.100" 0.100" 0.100"
- 18 GAGE 16 GAGE 14 GAGE 14 GAGE 14 GAGE 14 GAGE 14 GAGE
- THE REFLECTIVE MATERIAL SHALL BE AASHTO TYPE II OR III WHITE REFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE BLACK PORTIONS OF THE SIGNS MAY BE EITHER ENCAPSULATED, SILK SCREENED OR HAND PAINTED. HAND PAINTING MUST BE COMPARABLE TO THE RESULTS OBTAINED BY SILK SCREENING. ENCAPSULATED LENS REFLECTIVE SHEETING SHALL BE USED FOR THE SIGN BACKGROUND WHERE NOTED.

SPECIFICATIONS:

REGULATORY SIGNS SHALL MEET THE VERMONT STANDARD SPECIFICATIONS FOR TRAFFIC SIGNS.

TEXT DESIGN:

LETTERS, DIGITS, ARROWS, SPACING AND TEXT DIMENSIONS SHALL CONFORM WITH THE STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS AND DESIGNS PRESCRIBED IN THE STANDARD FOR HIGHWAY SIGNS AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

OTHER STDS.: E-144
REQUIRED

REVISIONS AND CORRECTIONS

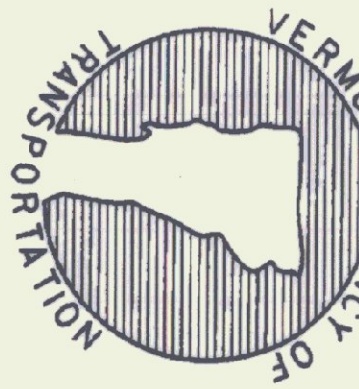
OCT. 30, 1987 - DATE OF ORIGINAL ISSUE
SEPT. 20, 1995 - ADDED AND DELETED SIGN DETAILS.
ADDED SIGN ID NUMBERS, MINOR NOTE
REVISIONS.

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION,
FINAL FINAL APPROVAL PENDING.

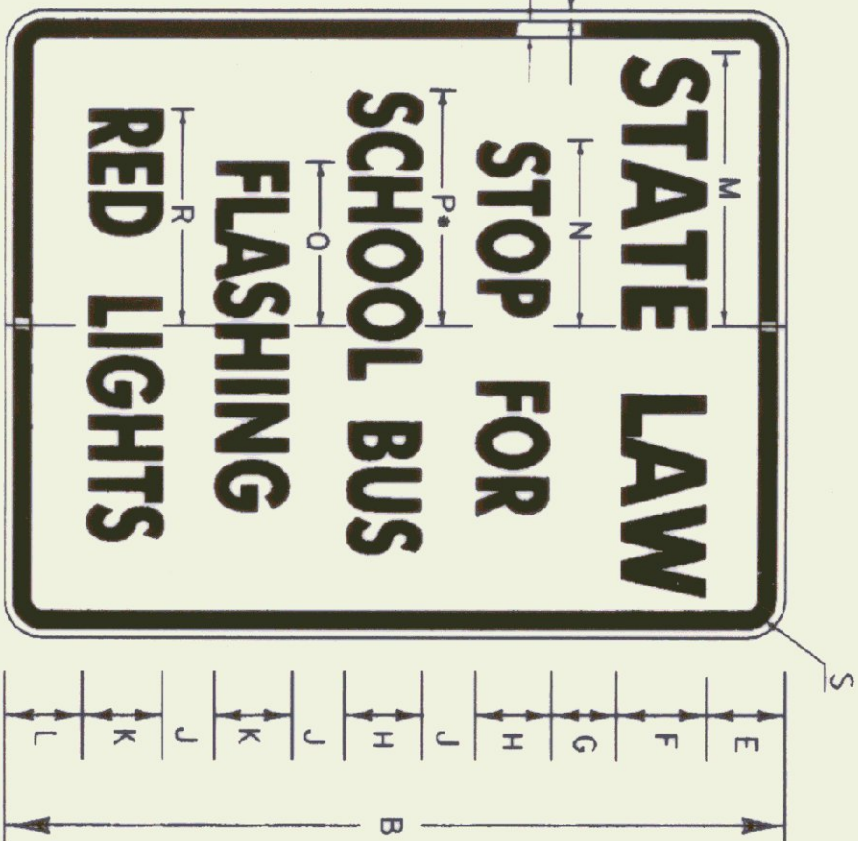
Director of Highway
Director of Engineering
Traffic and Safety Engineer

REGULATORY SIGN
DETAILS

/tr:of/std/std443.dgn : std443.1

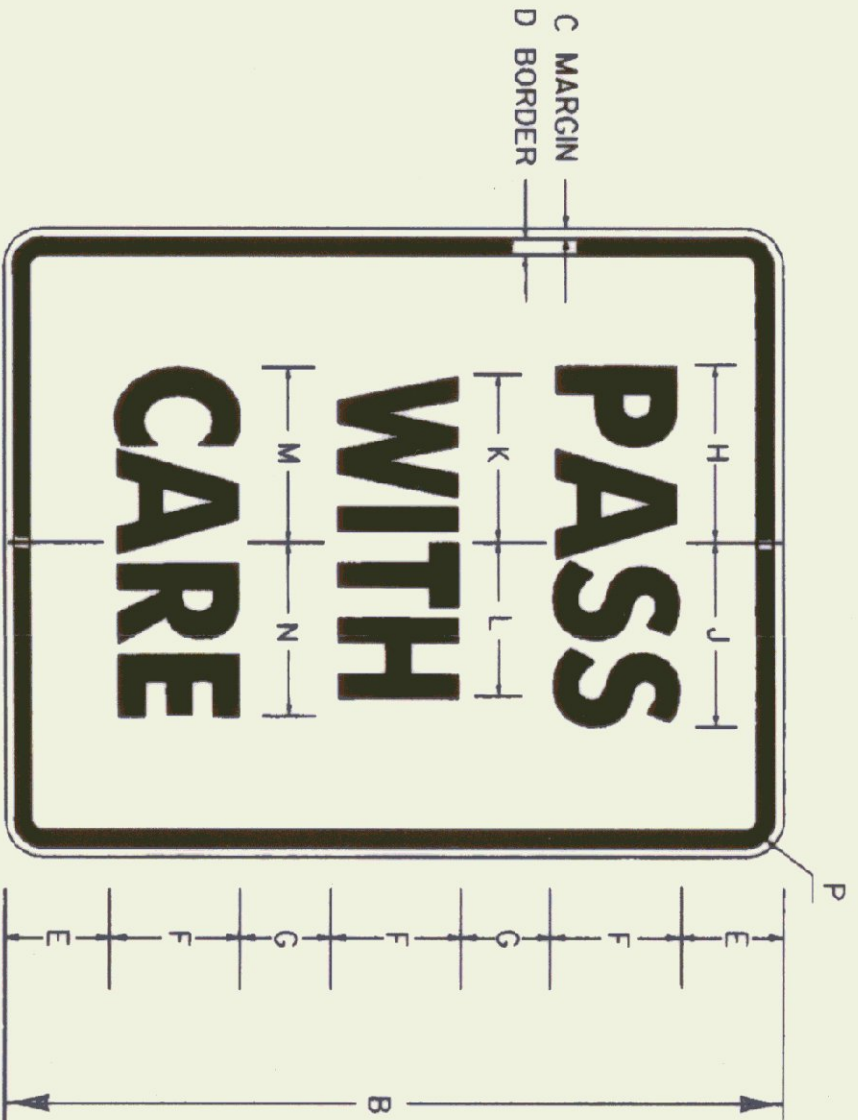


STANDARD
E-143



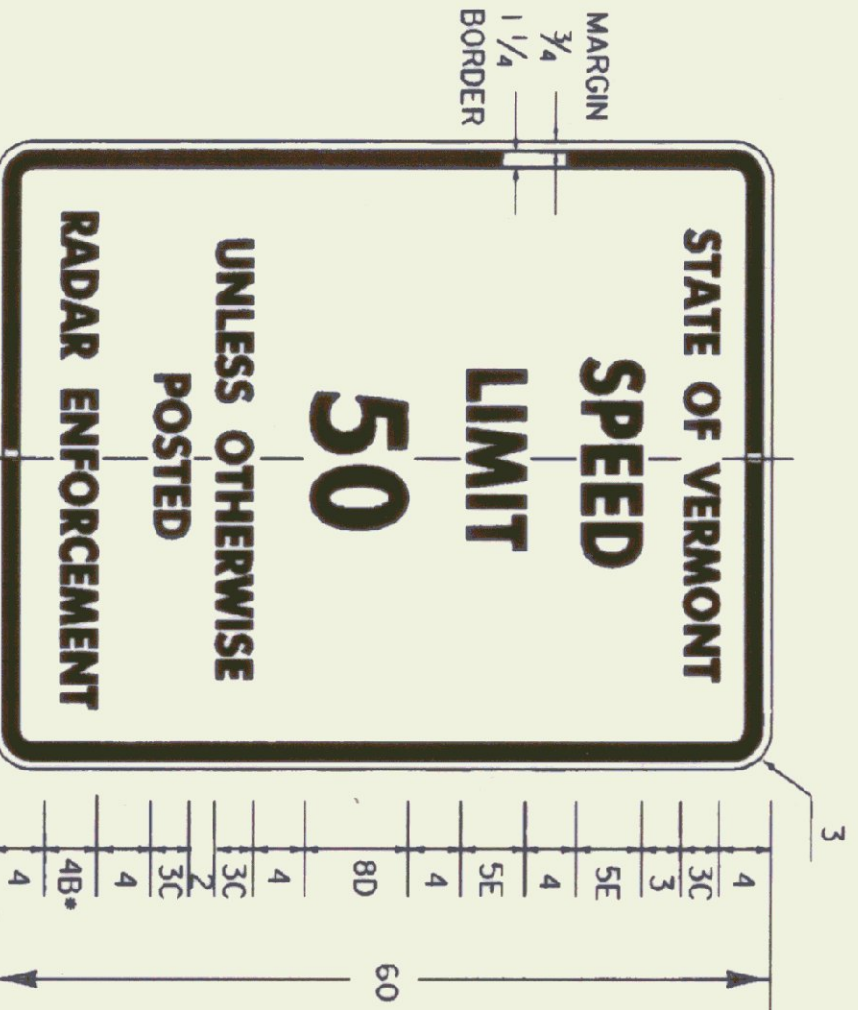
VR-048
• FOR STD SIZE, REDUCE SPACING 25%
A
B

DIMENSIONS (INCHES)																			
SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T		
STD.	24	30	3/8	5/8	3	4B	3	3B	1 1/2	3B	2 1/2	9/2	10 5/8	10 3/8	6 5/8	8 5/8	1 1/2		
EXPWY.	48	60	3/4	1 1/4	6	7C	5	6B	4	6B	6	2 1/2	14 1/4	18 1/6	12 3/8	16 3/8	3		
& FWY.																			



RA-2

DIMENSIONS (INCHES)																			
SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P					
MIN.	18	24	3/8	3/8	3 1/2	4C	2 1/2	5 1/8	5 3/8	5	4 3/4	5 3/8	5 1/2	1 1/2					
STD.	24	30	3/8	3/8	3 1/2	6C	2 1/2	8 3/8	8 1/8	7 1/2	7 3/8	8	8 1/4	1 1/2					
EXPWY.	36	48	3/8	3/8	7	8C	5	10 7/8	11 1/4	10	9 1/2	10 1/8	11	2 1/4					
FWY.	48	60	3/4	1 1/4	8	10C	7	13 3/8	14 1/6	12 1/2	11 1/8	13 3/8	13 3/4	3					



GENERAL NOTES

CONSTRUCTION METHODS - POSTS MAY BE DRIVEN OR SET IN A DUG HOLE AND BACKFILLED. IF DRIVEN, A DRIVING CAP SHALL BE USED. THE DUG HOLE INSTALLATION SHALL BE USED IN AREAS OF POOR SOIL CONDITIONS OR AS DIRECTED BY THE RESIDENT ENGINEER. BACKFILL SHALL BE COMPACTED AS DIRECTED BY THE RESIDENT ENGINEER.

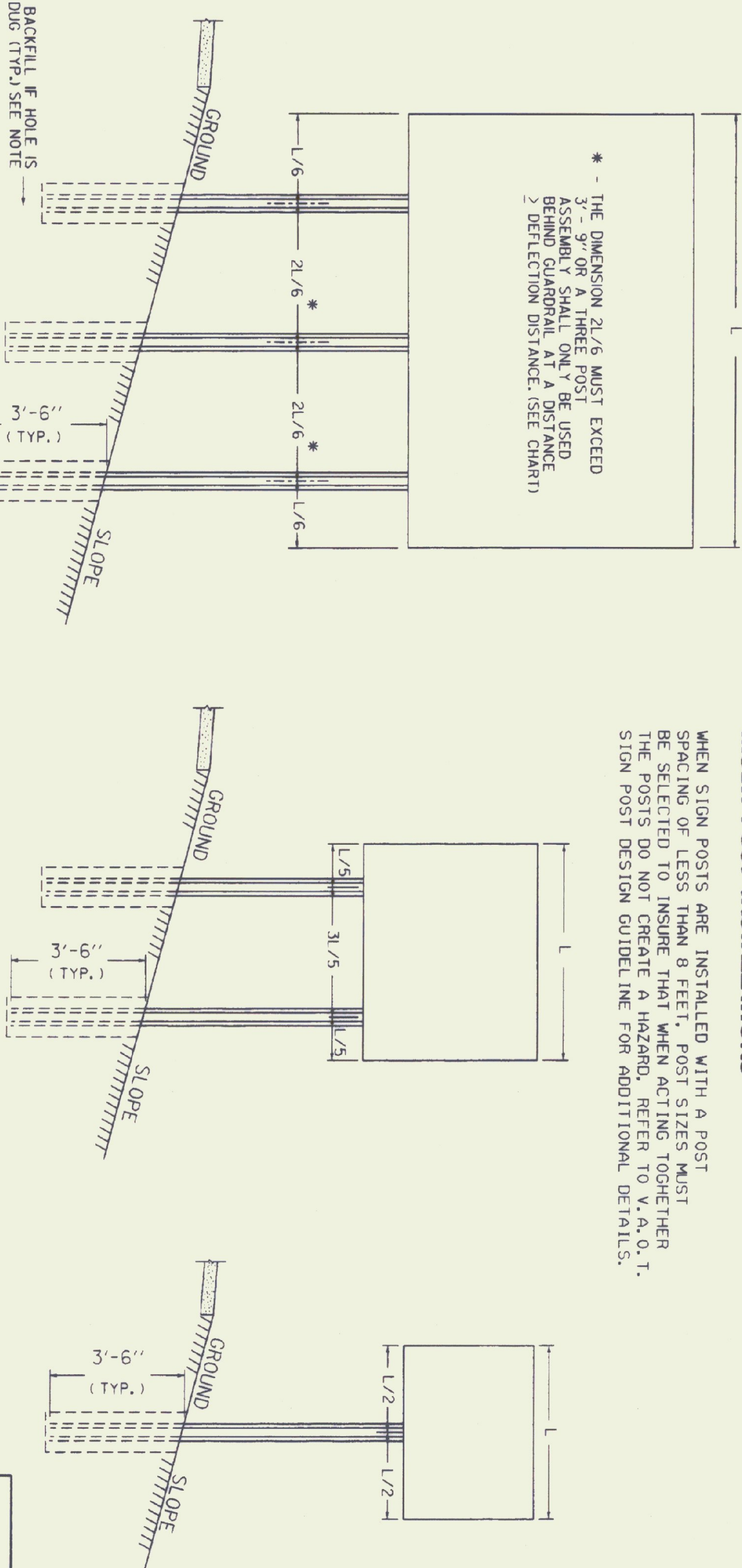
IN AREAS WHERE LEDGE ROCK IS ENCOUNTERED, POSTS WILL BE SET IN A HOLE WITH 2" CLEARANCE AND GROUTED WITH TYPE 4 MORTAR 24" BELOW THE SURFACE OF THE SOLID ROCK. UNLESS THE POSTS PENETRATE THE GROUND A MINIMUM OF 3'-6", THE PORTION OF THE POST IN CONTACT WITH THE MORTAR SHALL BE COATED WITH AN APPROVED COATING.

SIGN CLEARANCES - HORIZONTAL AND VERTICAL SIGN CLEARANCES SHALL BE SHOWN ON THE PLANS OR THE APPROPRIATE STD. SHEETS.

SINGLE POST INSTALLATIONS SHALL BE LIMITED TO A SIGN AREA OF 12-1 1/2 SQ. FT. OR LESS.

MULTI-POST INSTALLATIONS

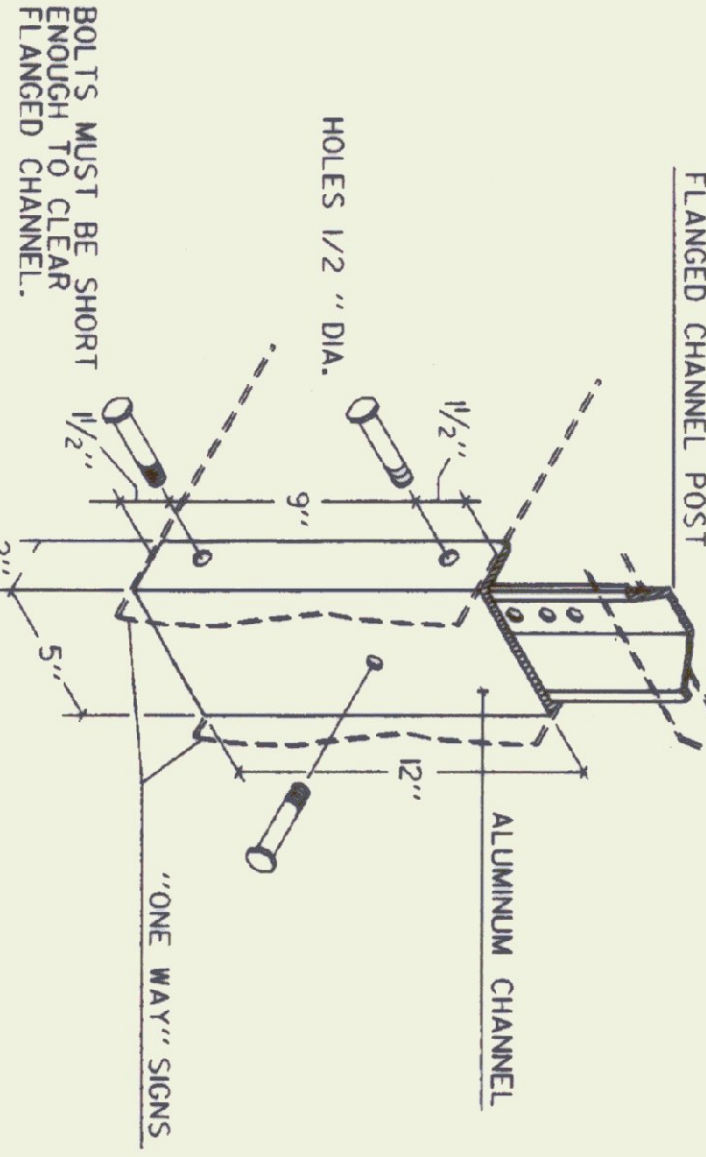
WHEN SIGN POSTS ARE INSTALLED WITH A POST SPACING OF LESS THAN 8 FEET, POST SIZES MUST BE SELECTED TO INSURE THAT WHEN ACTING TOGETHER THE POSTS DO NOT CREATE A HAZARD. REFER TO V.A.O.T. SIGN POST DESIGN GUIDELINE FOR ADDITIONAL DETAILS.



POST SPACING DETAILS

"DO NOT ENTER" ON BACK OF FLANGED CHANNEL

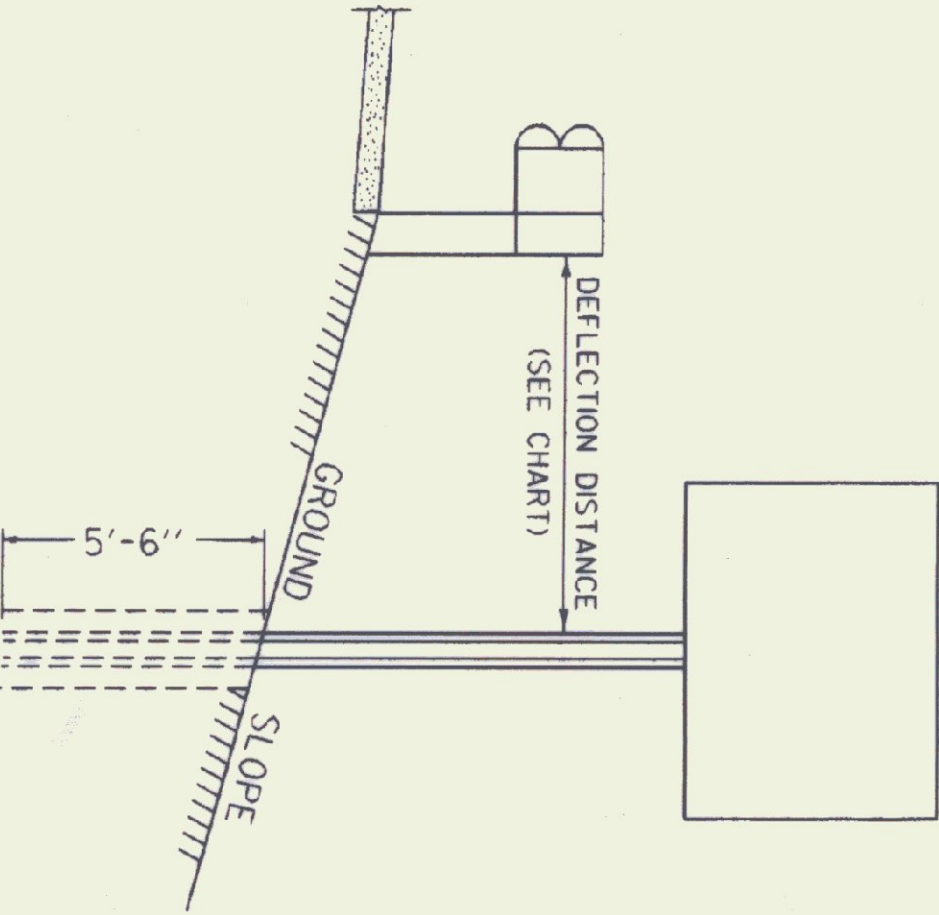
"STOP" SIGN ON FRONT OF FLANGED CHANNEL



DETAIL OF TYPE "A" OR "B" MOUNTING BRACKET. SEE STANDARD E-120 FOR CLEARANCES.

GUARDRAIL DEFLECTION CHART (PER AASHTO - ROADSIDE DESIGN GUIDE - 1988)		
TYPE	GR POST SPACING	DEFLECTION
THREE CABLE W/STEEL POSTS	16' - 0"	12'
W/WOODEN POSTS	12' - 6"	12'
W-BEAM	12' - 6"	7'
W/WEAK POST	6' - 3"	3'
W/STRONG POST	6' - 0"	5'
BOX BEAM	12' - 6"	4'
THREE BEAM	6' - 3"	2'

THIS CHART LISTS THE THEORETICAL DEFLECTION DISTANCE UPON IMPACT OF VARIOUS GUARDRAIL WITH DIFFERENT TYPES AND SPACING OF POSTS.



WHEN USING FLANGED CHANNEL POSTS ON STEEP SLOPES (1:1 OR STEEPER) FILL SLOPES BEHIND GUARDRAIL, ADD 2" EMBEDMENT TO THE POSTS BEHIND GUARDRAIL. THE ASSEMBLY MORE STABILITY. HOWEVER, IF THE POSTS ARE LOCATED INSIDE THE DEFLECTION DISTANCE, THE SIGN POST SHALL BE SET AT A DEPTH OF 3' - 6".

OTHER STDs.
REQUIRED:

APPROVED

REVISIONS AND CORRECTIONS

SEP. 10, 1987 - DATE OF ORIGINAL ISSUE
MAR. 01, 1988 - FHWA REVIEW COMMENTS
OCT. 21, 1992 - ADDED DETAILS, REVISED NOTES & REVISED TITLE BLOCK
AUG. 18, 1995 - DELETION OF 2.5 #/FT. POST AND TWO- RAIL ALUMINUM. ADDED ADDITIONAL NOTE.

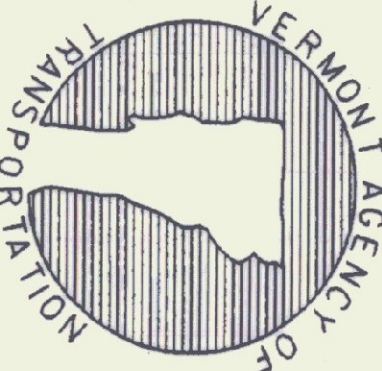
APPROVED FOR THIS PROJECT
AND/OR DESIGN AND EXHIBITION
FINAL FINAL APPROVAL PENDING.

David A. MacArthur
DIRECTOR OF ENGINEERING

David A. MacArthur
TRAFFIC AND SAFETY ENGINEER

FLANGED CHANNEL
STEEL SIGN POST

/traf/std/std60.dgn : std60.1



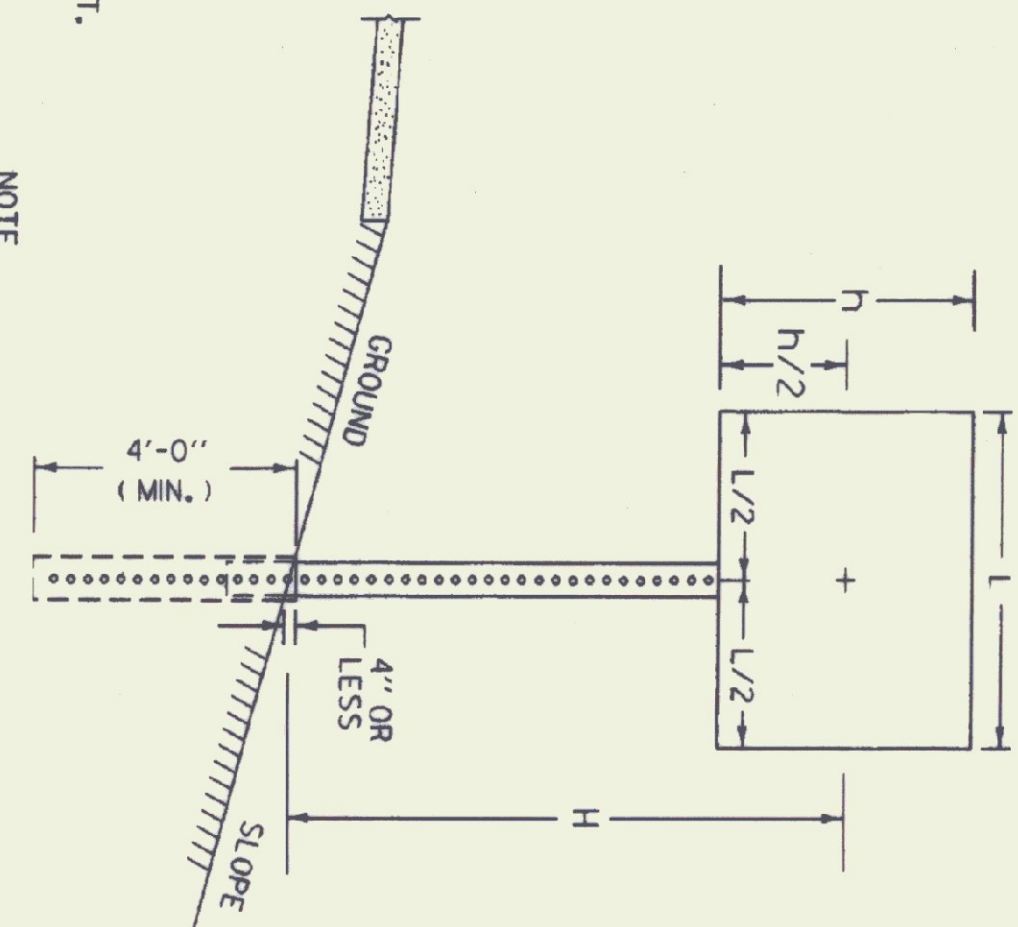
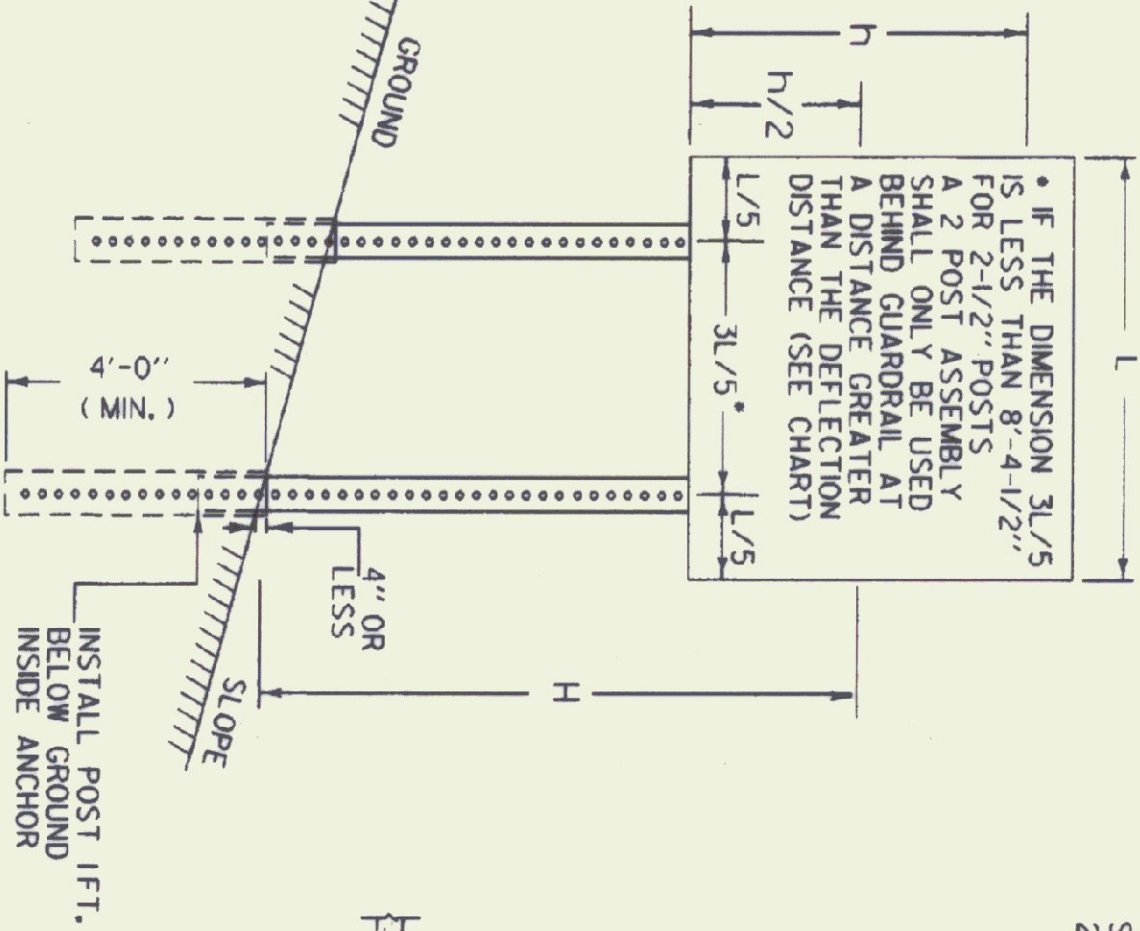
STANDARD
E-160

GENERAL NOTES

CONSTRUCTION METHODS - POSTS MAY BE DRIVEN OR SET IN A DUG HOLE AND BACKFILLED. IF DRIVEN, A DRIVING CAP SHALL BE USED. THE DUG HOLE INSTALLATION SHALL BE USED IN AREAS OF POOR SOIL CONDITIONS OR AS DIRECTED BY THE RESIDENT ENGINEER. BACKFILL SHALL BE COMPACTED AS DIRECTED BY THE RESIDENT ENGINEER.

SIGN CLEARANCES - HORIZONTAL AND VERTICAL SIGN CLEARANCES SHALL BE SHOWN ON THE PLANS OR THE APPROPRIATE STD. SHEETS. SINGLE POST INSTALLATIONS SHALL BE LIMITED TO A SIGN AREA OF 20 SQ. FT. OR LESS.

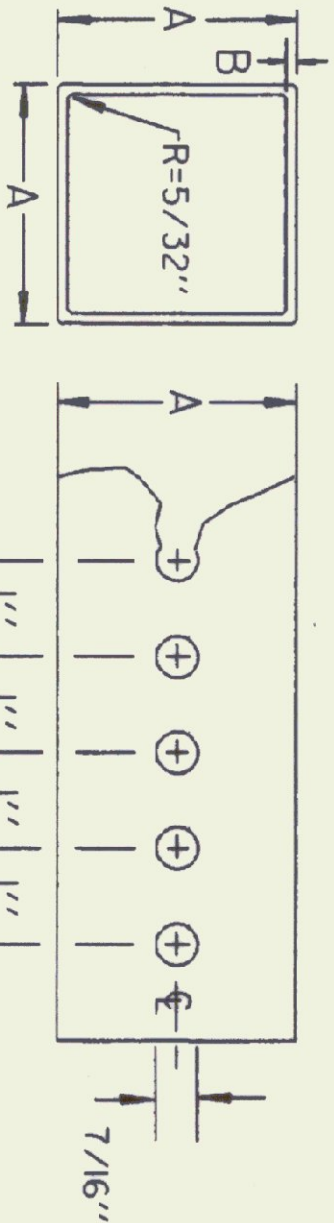
MULTI-POST INSTALLATIONS



NOTE
WHEN USING SQUARE STEEL POSTS ON STEEP SLOPES (1 ON 2 OR STEEPER) AND ONE FOOT EMBEDMENT FOR GREATER STABILITY.

GUARDRAIL DEFLECTION CHART		
(PER AASHTO - ROADSIDE DESIGN GUIDE - 1988)		
TYPE	GR POST SPACING	DEFLECTION
THREE CABLE W/STEEL POSTS	16' - 0"	12'
W/ WOODEN POSTS	12' - 6"	12'
W-BEAM	W/WEAK POST	12' - 6"
W/STRONG POST	6' - 3"	3'
BOX BEAM	6' - 0"	5'
THREE BEAM	W/WEAK POST	12' - 6"
W/STRONG POST	6' - 3"	4'

THIS CHART LISTS THE THEORETICAL DEFLECTION DISTANCE UPON IMPACT OF VARIOUS GUARDRAIL WITH DIFFERENT TYPES AND SPACING OF POSTS.



NOTE:
THE POSTS SHALL BE CAREFULLY FORMED OF STEEL WITH A MINIMUM YIELD OF 55,000 PSI, INTO A SIZE AND SHAPE WITH CORNERS INDUCTION WELDED IN SUCH A MANNER THAT NEITHER FLASH NOR WELD SHALL INTERFERE WITH THE TELESCOPING PROPERTIES, NOR DAMAGE THE GALVANIZING.

* THE WALL THICKNESS TOLERANCES SHALL BE +.005 AND -.010 FOR THE 12 GAUGE
THE WALL THICKNESS TOLERANCES SHALL BE +.002" AND -.008" FOR THE 14 GAUGE.

DIMENSION DETAILS AND POST SELECTION CHART

POST SELECTION CHART								
SIGN AREA (FT ²) X H (FT) ≤ SV (SELECTION VALUE)								
POST SIZE LBS./FT.	DIMENSIONS			SECTION MODULUS IN ³	ONE POST SV	TWO POST SV	THREE POST SV	NUMBER PERMITTED IN 8' PATH
	A	•B	GAUGE					
2.30	1-3/4"	.083	14	0.231	74	148	222	TWO
2.65	2"	.083	14	0.296	95	190	286	TWO
3.35	2-1/2"	.105	12	0.642	206	412	616	ONE

DESIGN CRITERIA:
WIND SPEED = 60 MPH (10 -YEAR MEAN RECURRENCE INTERVAL)
WIND PRESSURE = 13 PSF
STEEL MINIMUM YIELD = 55,000 PSI
ALLOWABLE STRESS = (1.4) 0.60 FY

REVISIONS AND CORRECTIONS

APR. 27, 1994 - DATE OF ORIGINAL ISSUE
JUL. 21, 1994 - REVISED POST GAUGES
AUG. 18, 1995 - ADDED TWO PIECE ANCHOR DETAIL

APPROVED

Signature of the Director of Engineering
DIRECTOR OF ENGINEERING

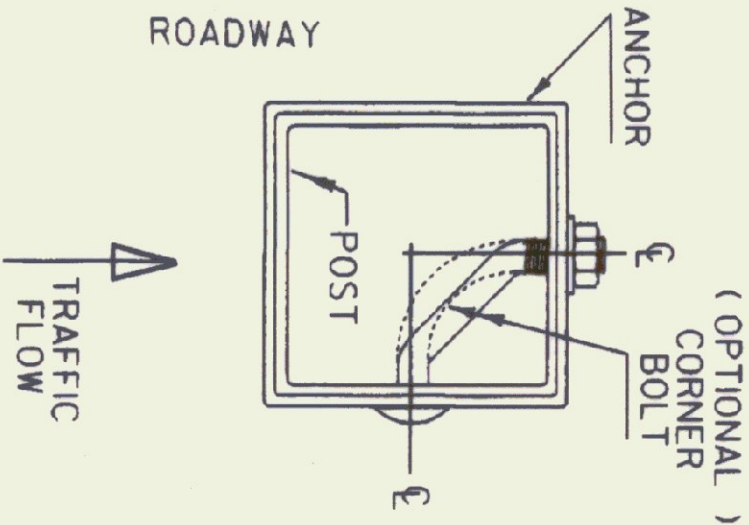
Signature of the Traffic and Safety Engineer
TRAFFIC AND SAFETY ENGINEER

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION,
FINAL FINAL APPROVAL PENDING.

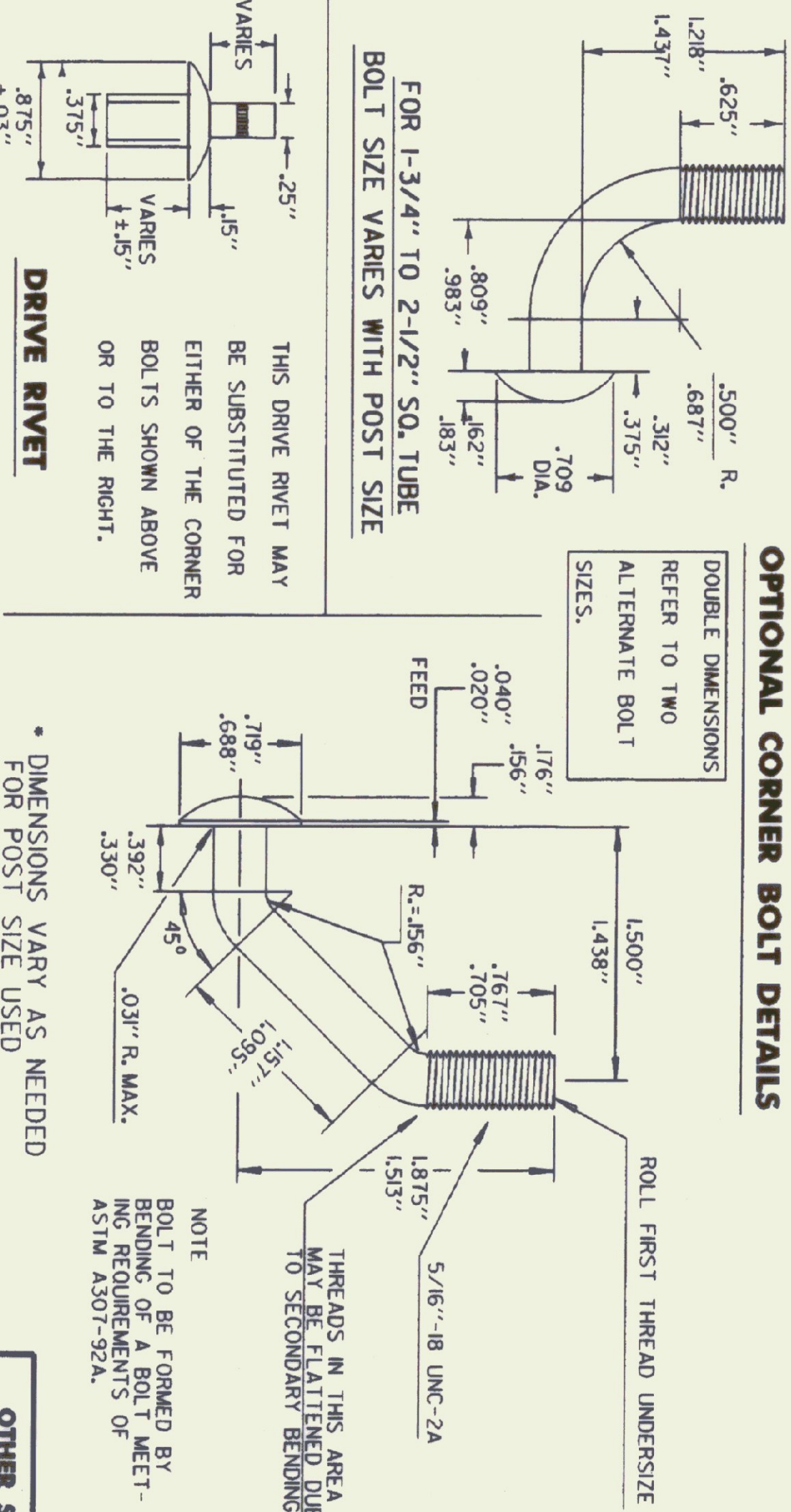
TOP VIEW OF

ANCHOR,

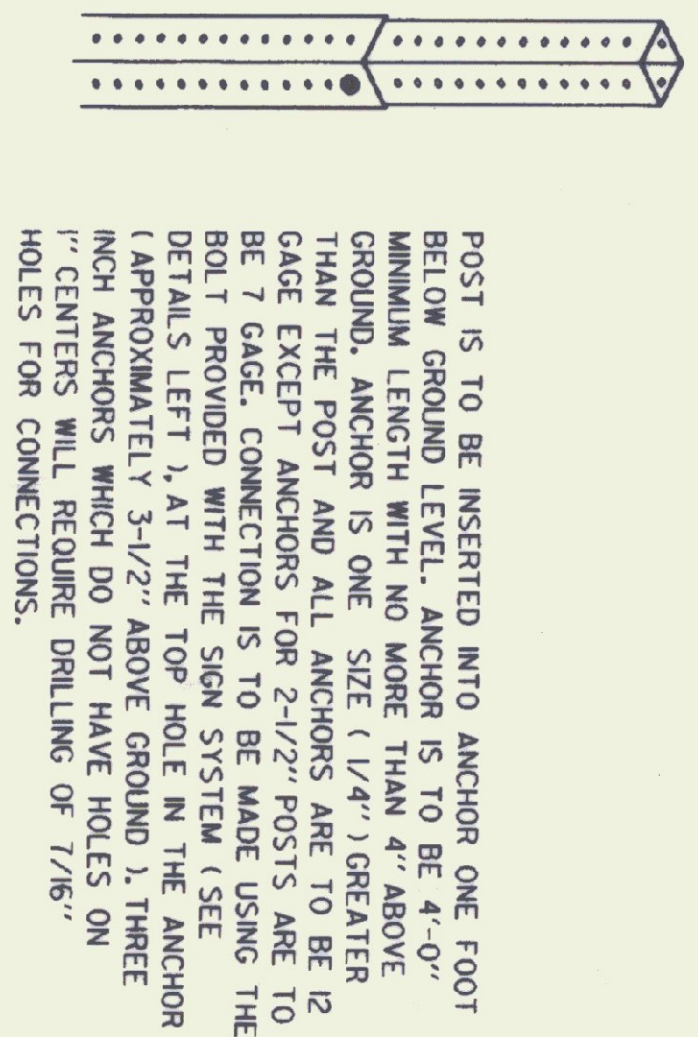
POST AND BOLT



OPTIONAL CORNER BOLT DETAILS



CONNECTION DETAIL

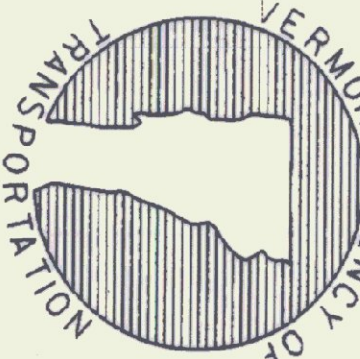


(SEE DETAIL LEFT FOR BOLT PLACEMENT)

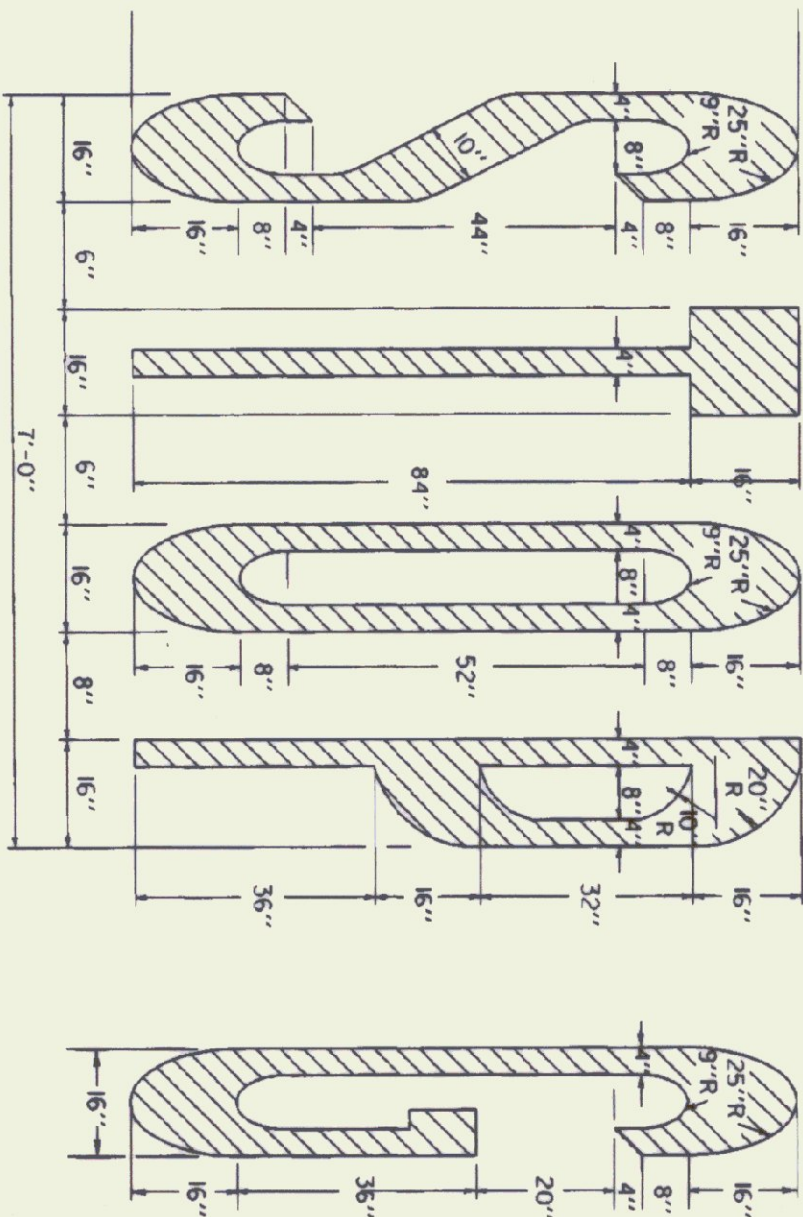
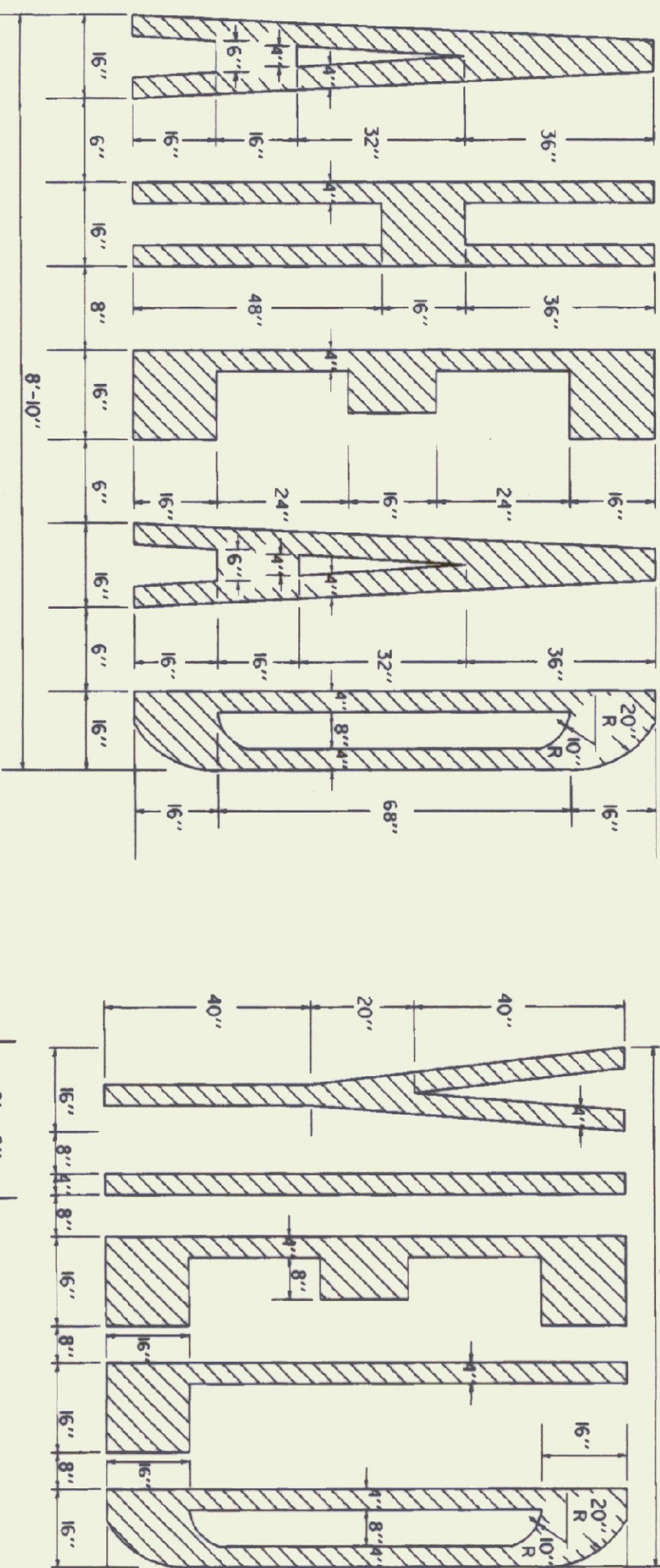
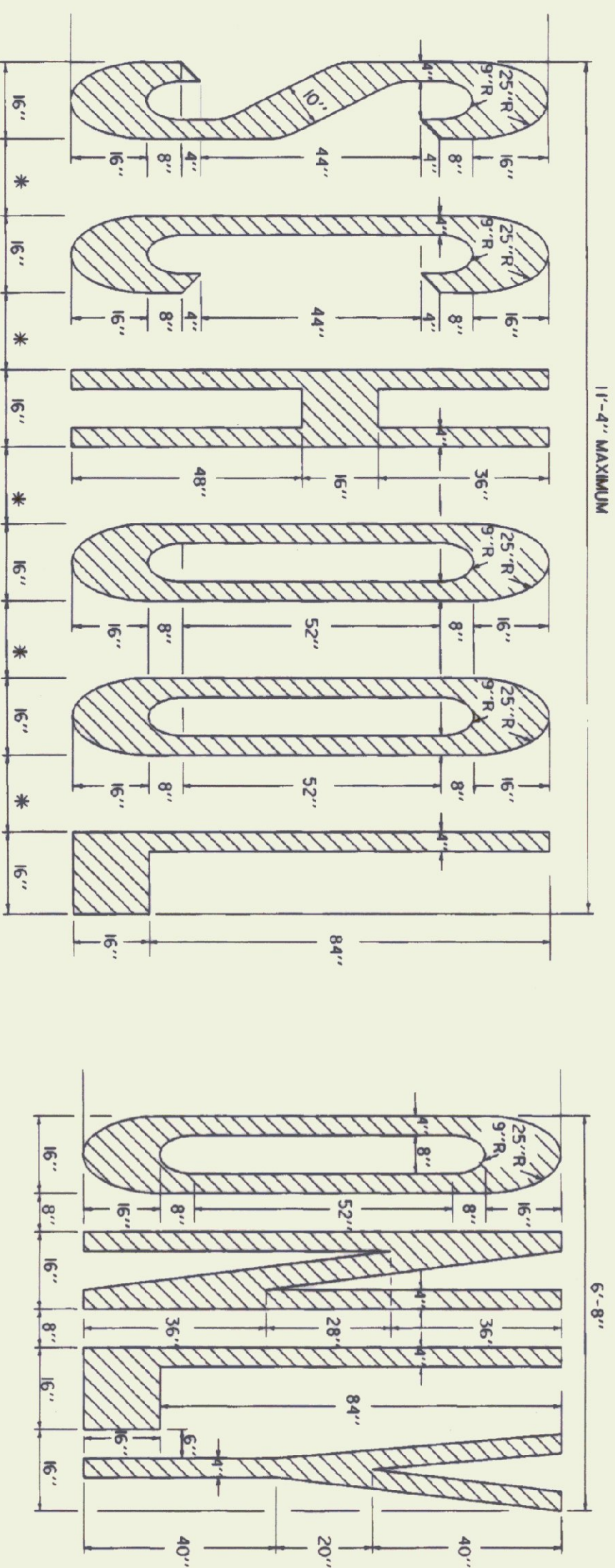
OTHER STDS. REQUIRED
E-120, E-160

PRELIMINARY

SQUARE STEEL SIGN POST



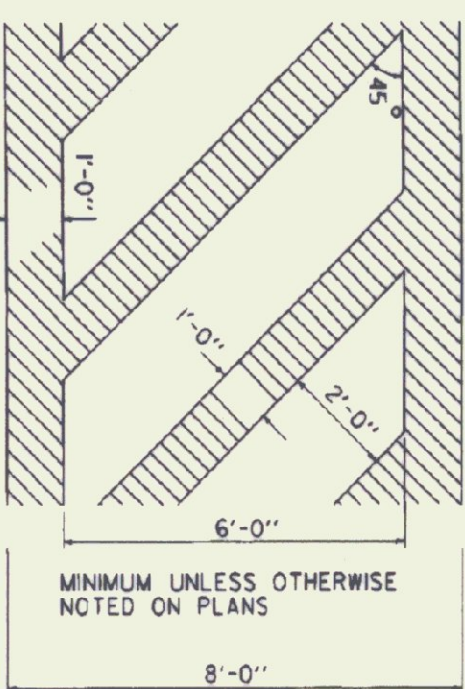
STANDARD
E-164



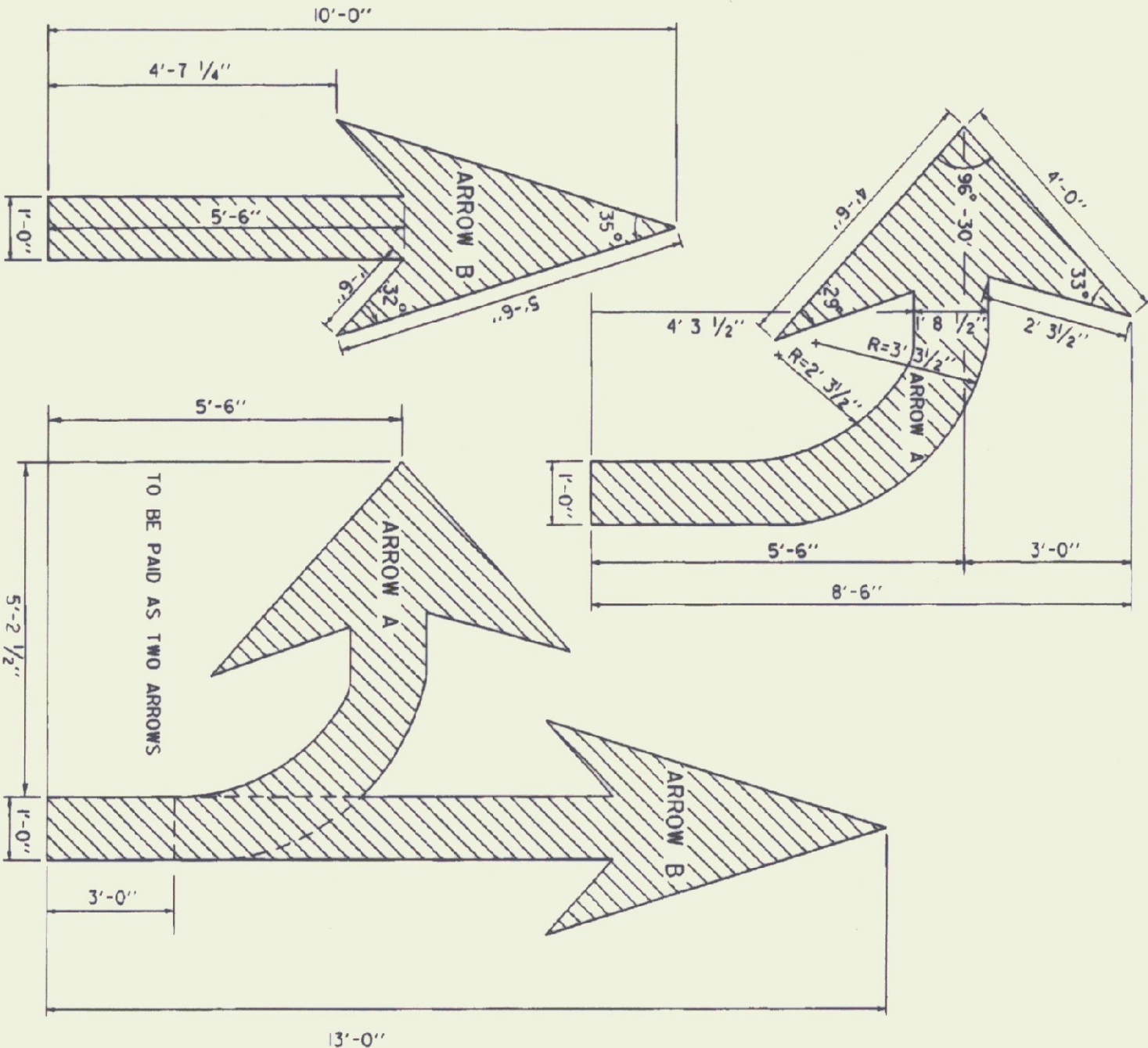
THE LETTER "G" IS THE ONLY LETTER IN THE "WORD SIGNAL" FOR OTHER LETTERS, SEE ABOVE.

SIGNAL
6" LETTER SPACING

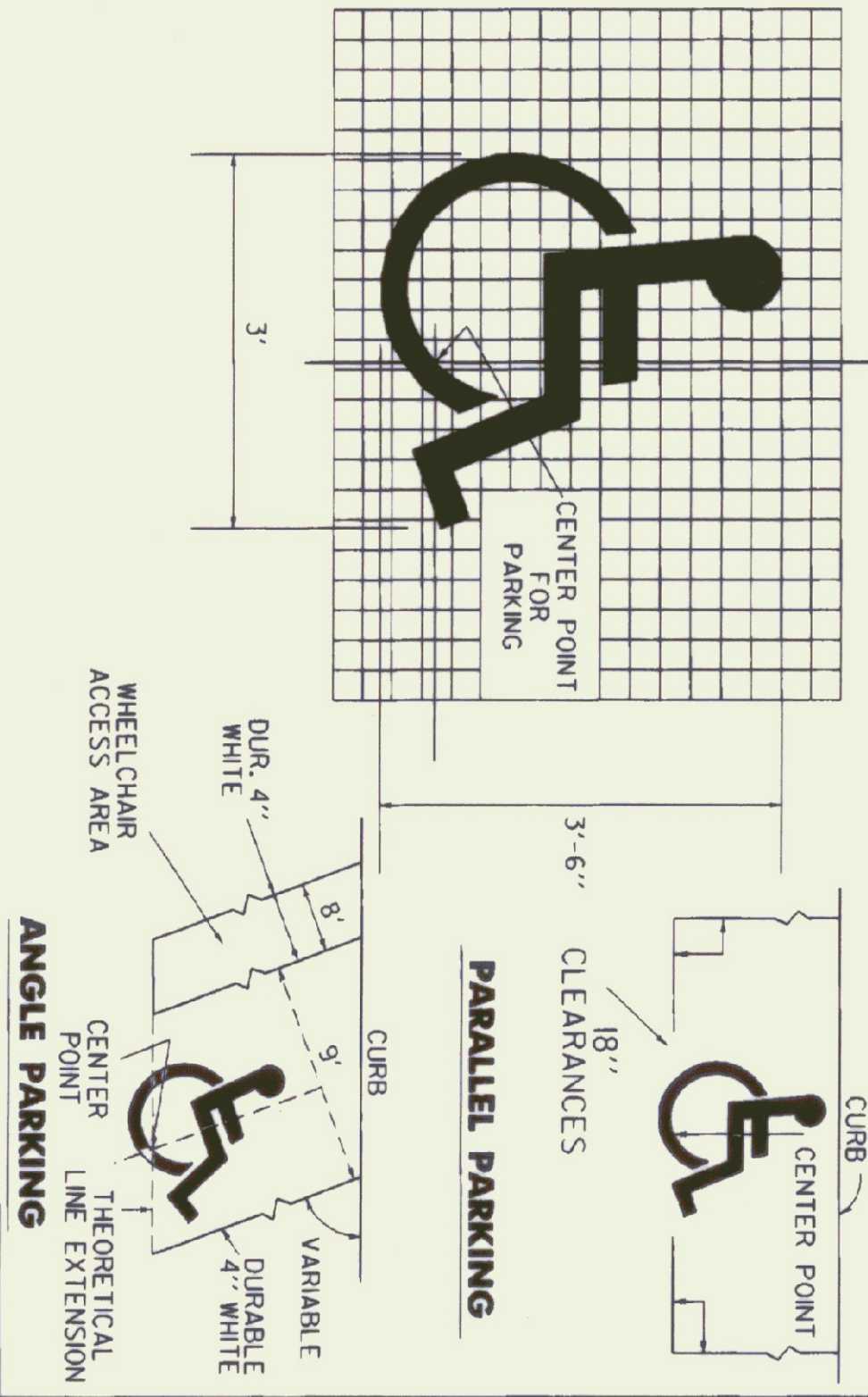
LETTER HEIGHT
DIMENSIONS ARE FOR 8" - 4" LETTER HEIGHTS. A LESSER HEIGHT OF 8" - 0" IS ACCEPTABLE AS LONG AS THE DIMENSIONS ARE MAINTAINED TO THE DETAILS SHOWN. SEE NOTE BELOW.



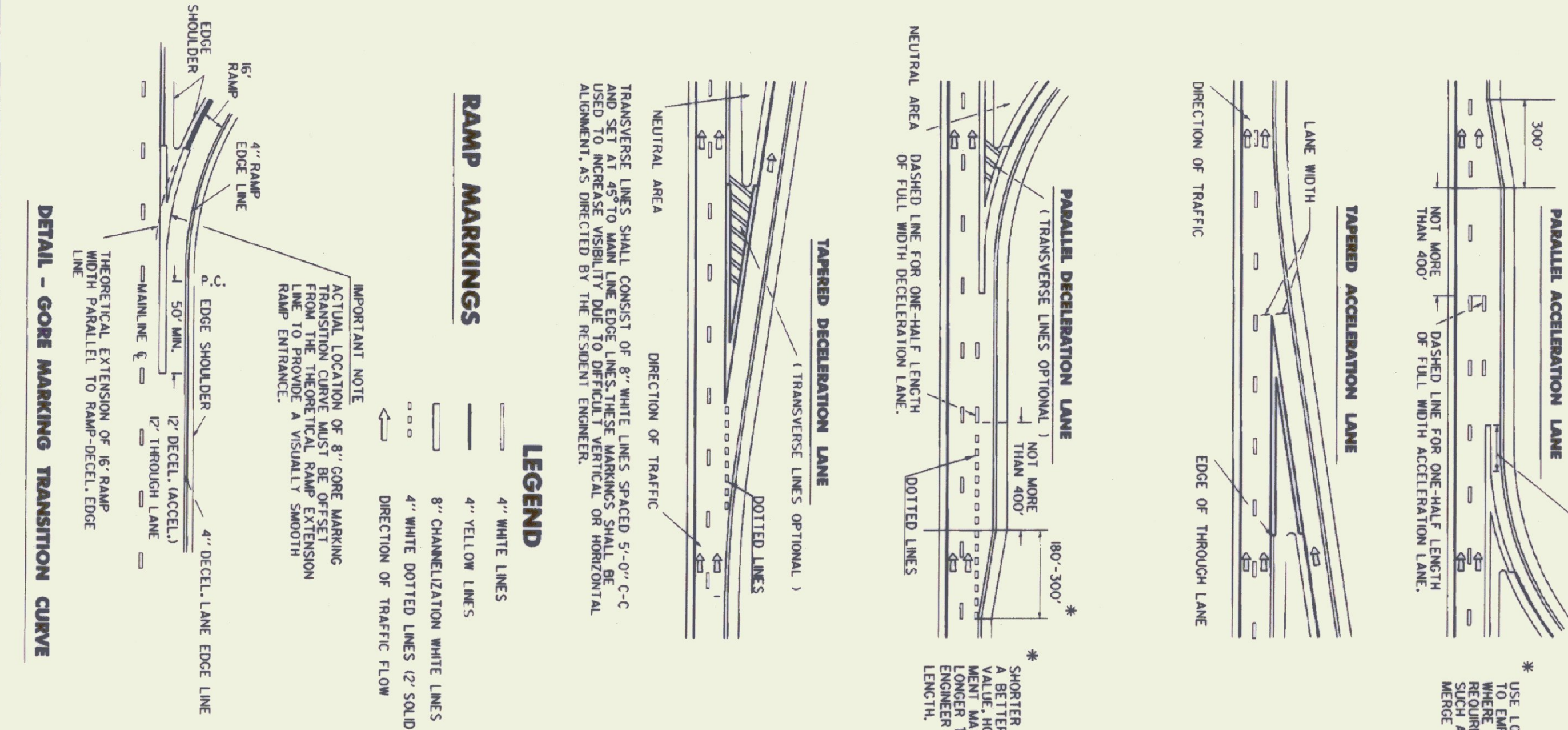
ARROWS AND WORD MARKINGS THAT CONFORM TO THE DIMENSIONS AND SPACING OF THE STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION) PREPARED BY THE FEDERAL HIGHWAY ADMINISTRATION WILL BE ACCEPTABLE.



ARROW DETAILS



HANDICAPPED PAVEMENT MARKING DETAILS

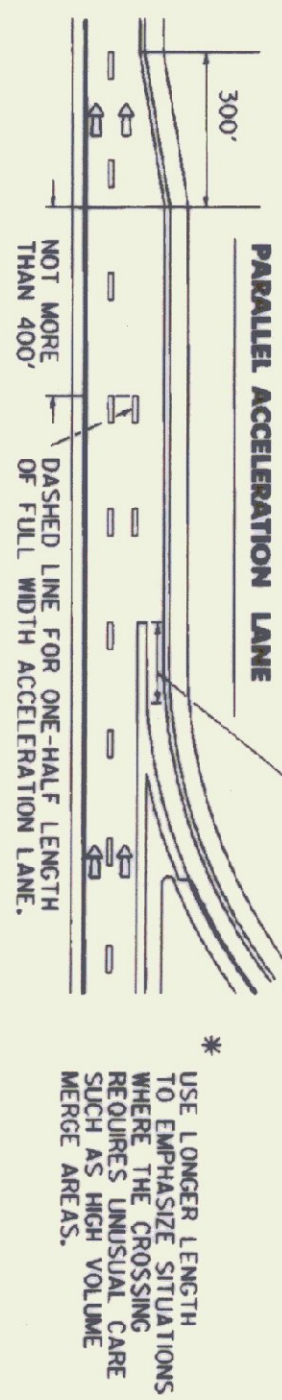


RAMP MARKINGS

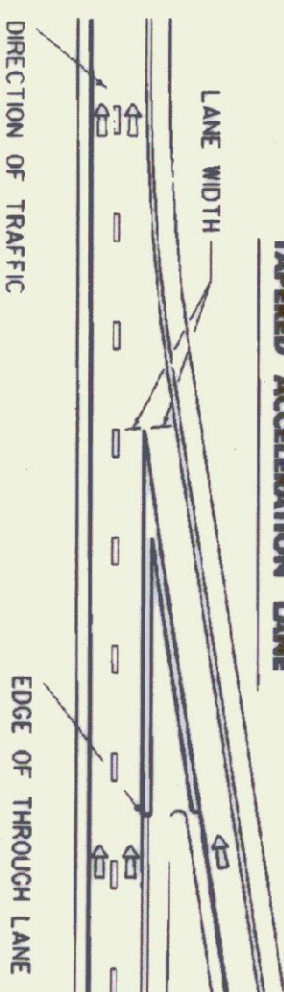
LEGEND

- 4" WHITE LINES
 - 4" YELLOW LINES
 - 8" CHANNELIZATION WHITE LINES
 - 4" WHITE DOTTED LINES (2" SOLID - 4" GAP)
- IMPORTANT NOTE: ACTUAL LOCATION OF 8" CORE MARKING TRANSITION CURVE MUST BE OFFSET FROM THE THEORETICAL RAMP EXTENSION LINE TO PROVIDE A VISUALLY SMOOTH RAMP ENTRANCE.

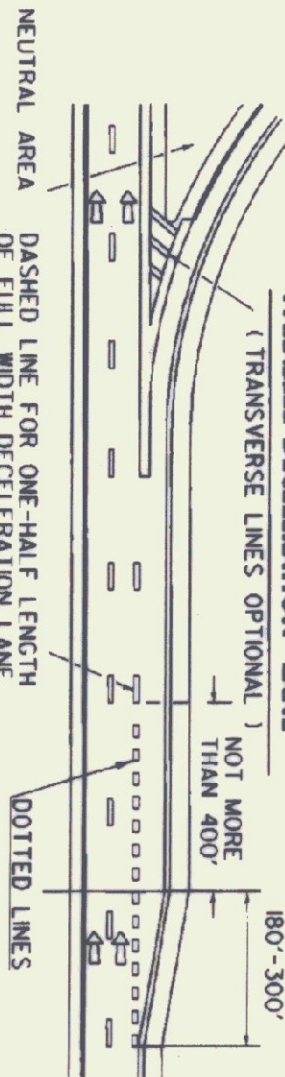
DETAIL - GORE MARKING TRANSITION CURVE



PARALLEL ACCELERATION LANE

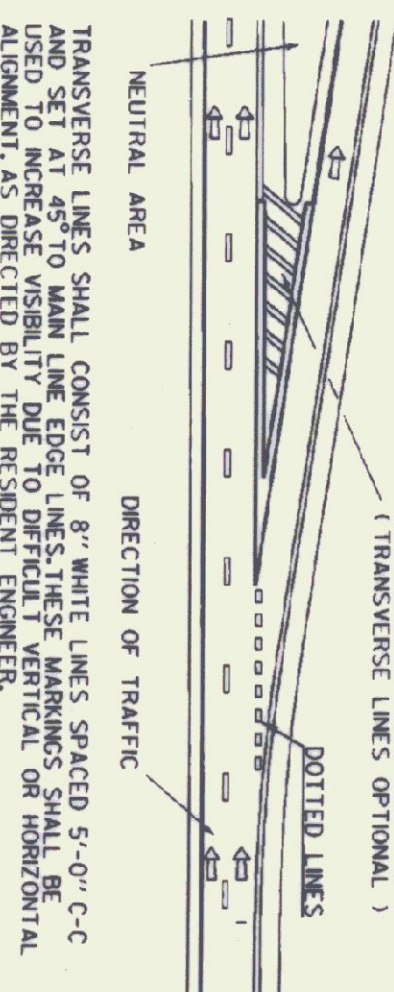


TAPERED ACCELERATION LANE



PARALLEL DECELERATION LANE

TAPERED DECELERATION LANE



REVISIONS AND CORRECTIONS

SEPT. 10, 1987 - DATE OF ORIGINAL ISSUE
JAN. 23, 1989 - ADDED DOTTED LINES, "SIGNAL,"
DIMENSIONS, CLARIFIED LETTER HEIGHT,
AUG. 18, 1995 - MISC. NOTE CHANGES

APPROVED

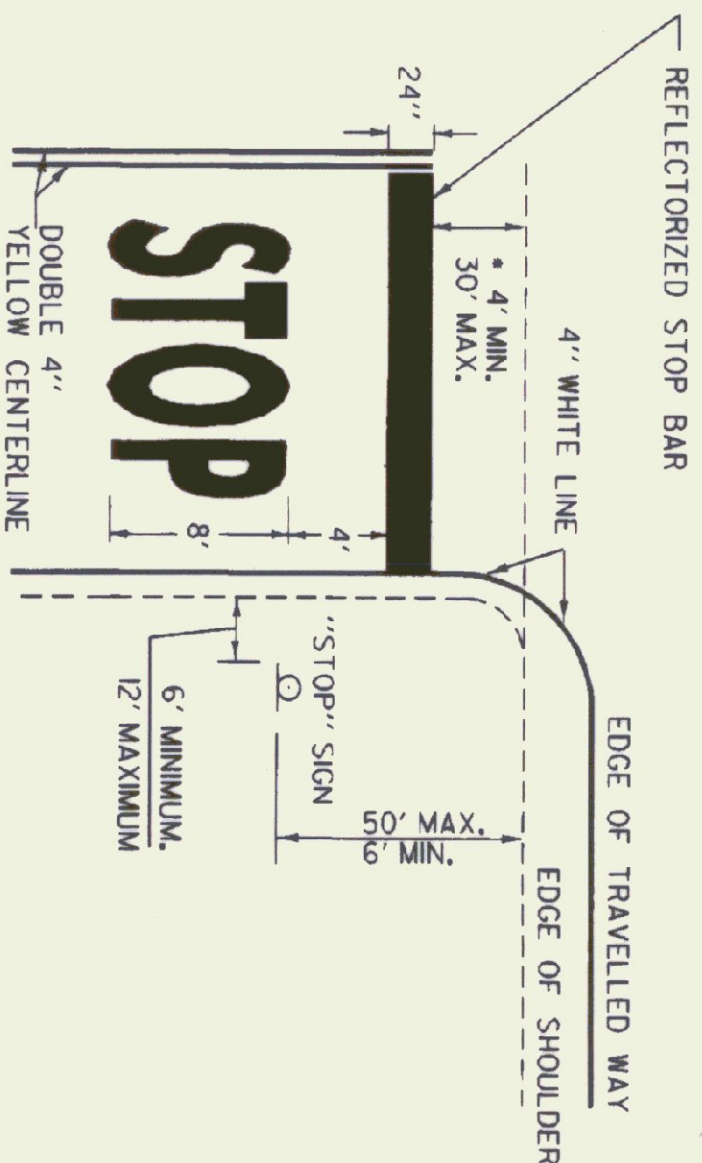
Seamus P. McCallin
DIRECTOR OF ENGINEERING

John A. Rahn
TRAFFIC AND SAFETY ENGINEER

APPROVED FOR THIS PROJECT
AND/OR DESIGN MODIFICATION:
FHWA FINAL APPROVAL PENDING.

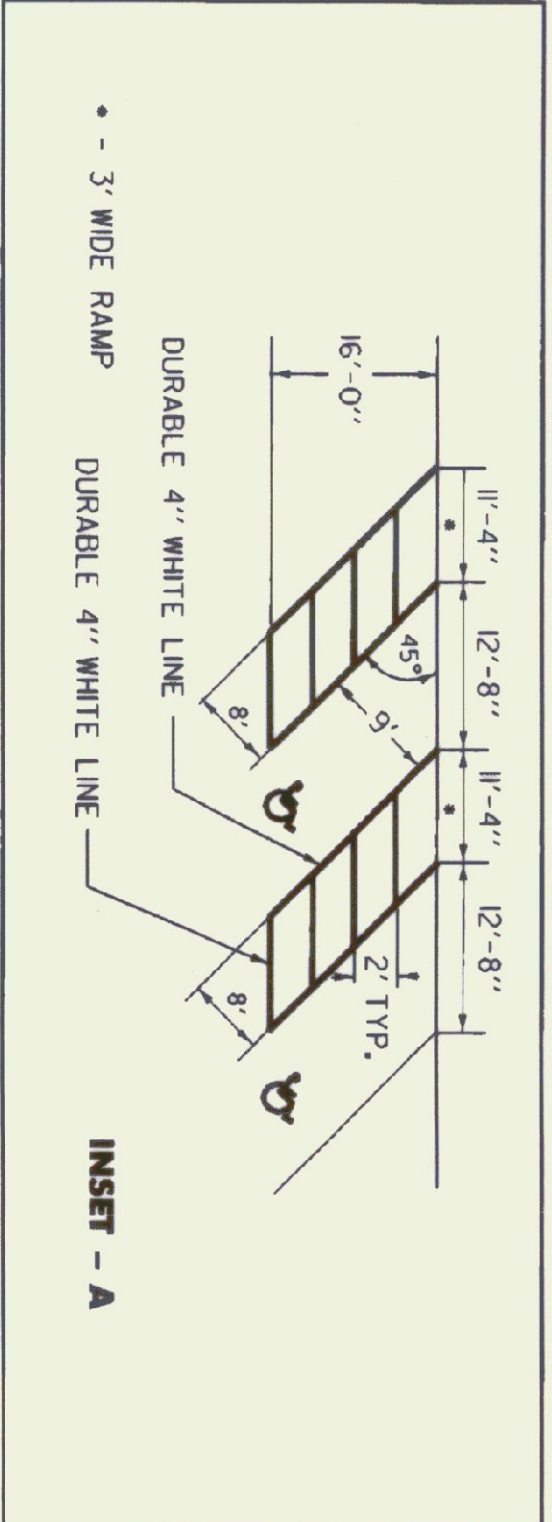
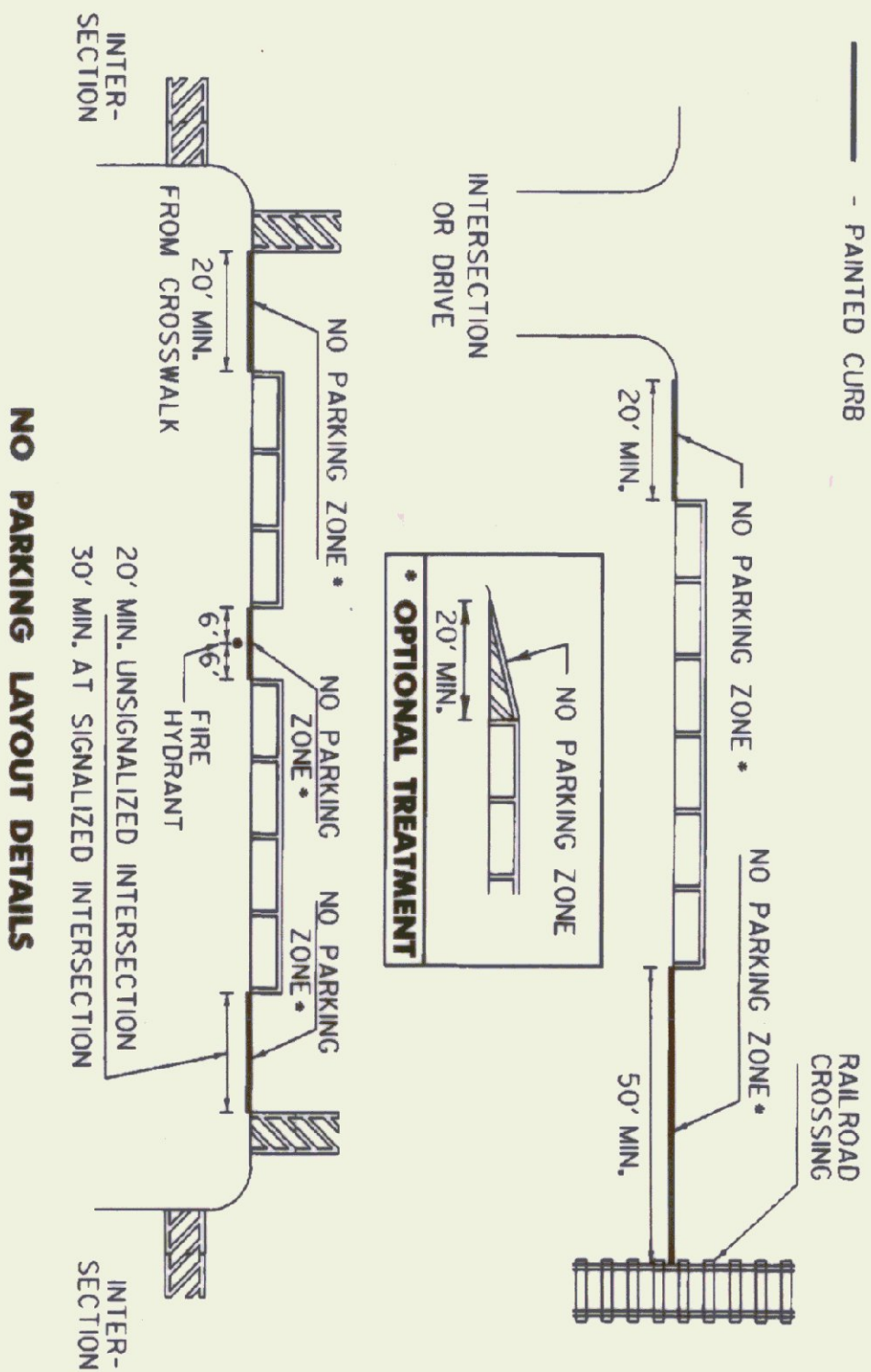
**PAVEMENT MARKING
DETAILS**

/tr04/std/st0d9l.dgn/st0d9l.i



• THE "DESIRED STOPPING POINT" IS THE LOCATION BASED ON SITE CONDITIONS THAT BEST ALLOWS THE STOPPED VEHICLE TO VIEW THE APPROACHING TRAFFIC.

STOP BAR LAYOUT



NOTE:
SEE STANDARD SHEET E-19 FOR
HANDICAP SYMBOL POSITIONING AND DETAIL.

REVISIONS AND CORRECTIONS

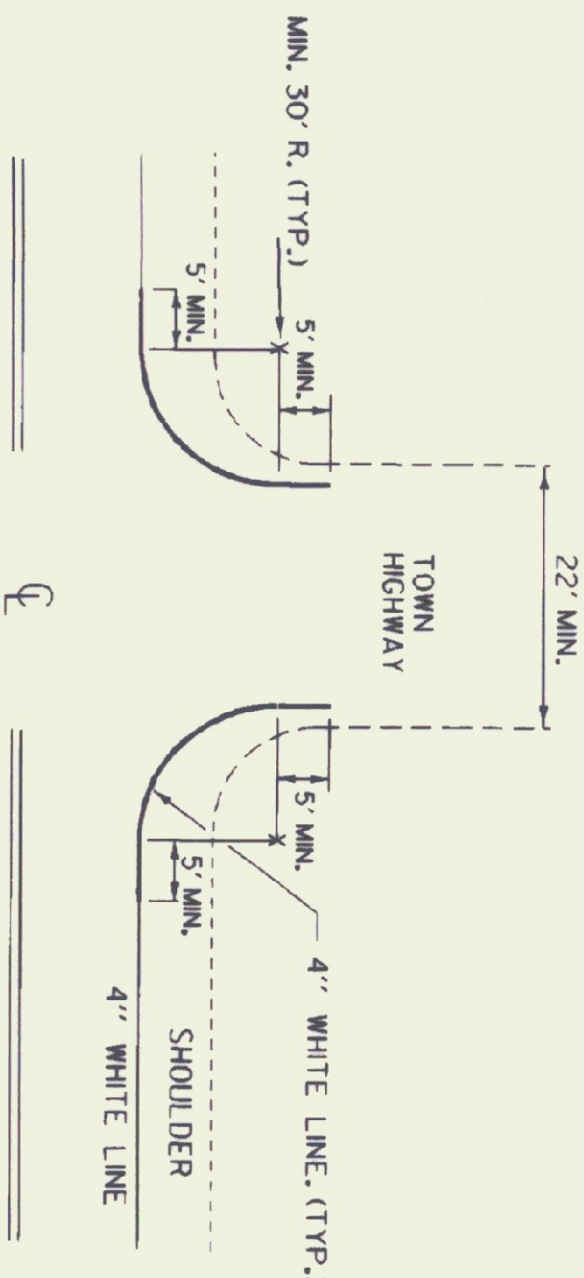
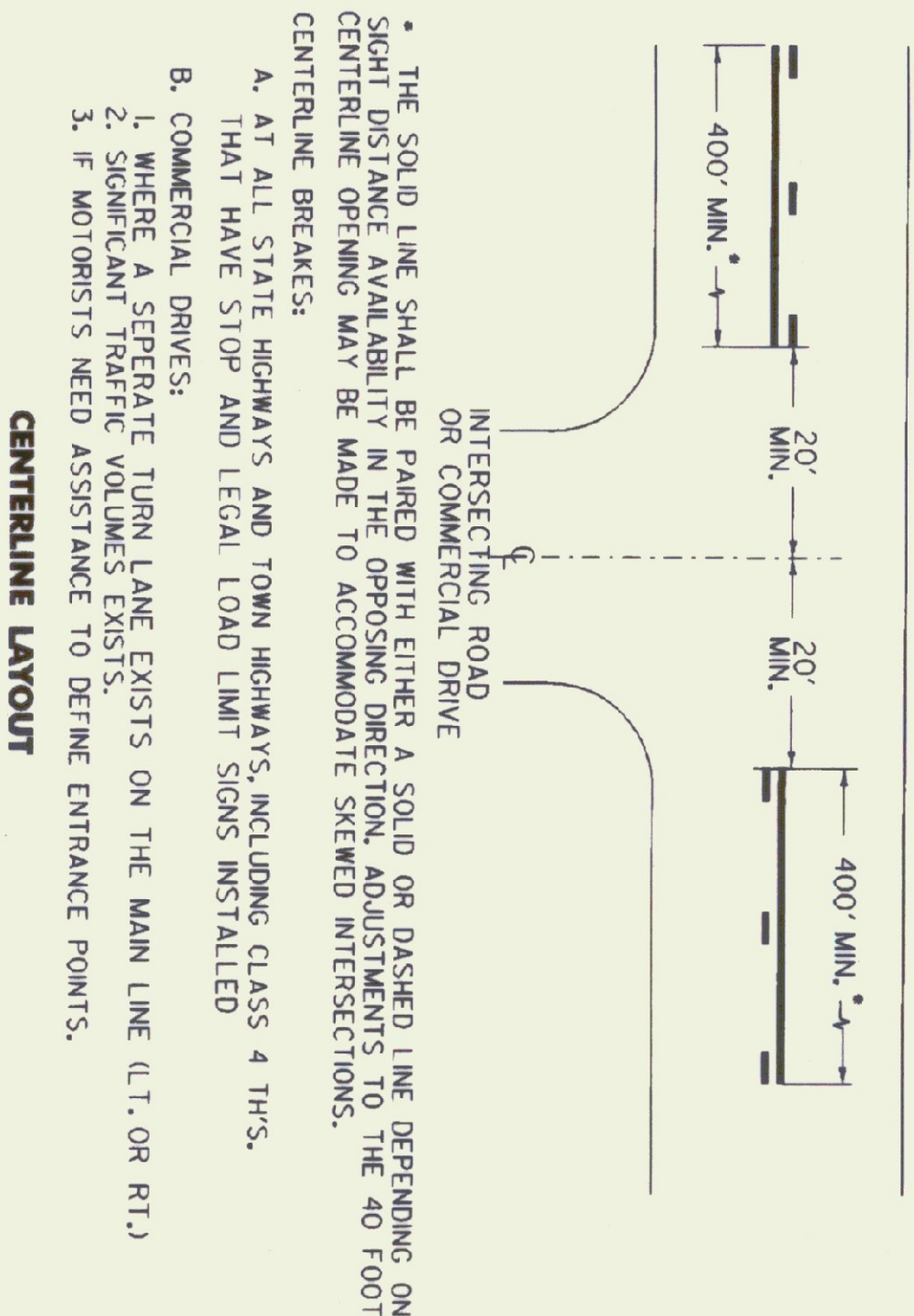
AUG. 18, 1995 - DATE OF ORIGINAL ISSUE

APPROVED

Scott A. McArthur
DIRECTOR OF ENGINEERING

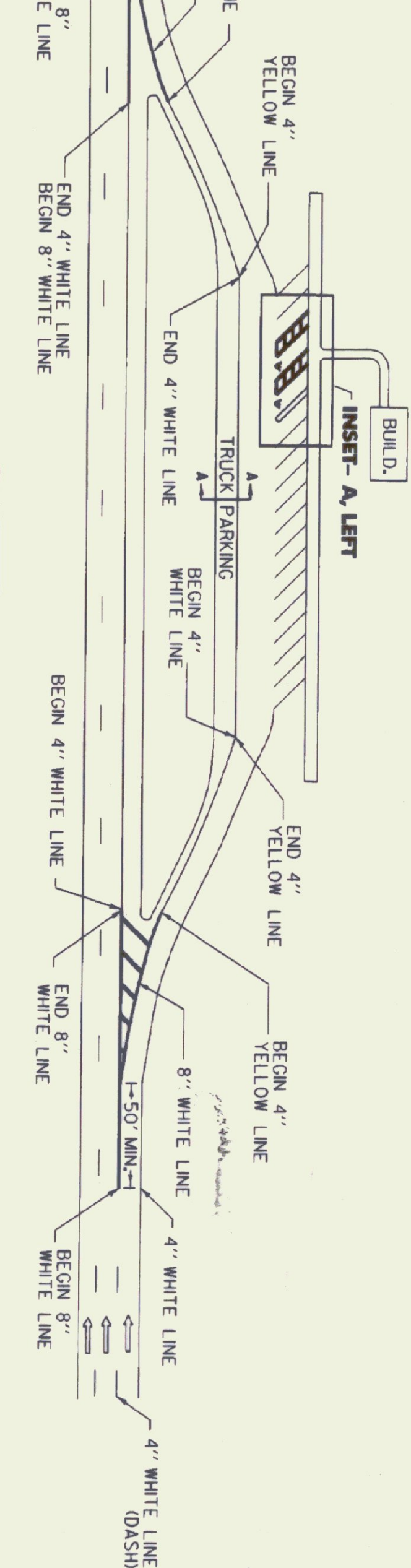
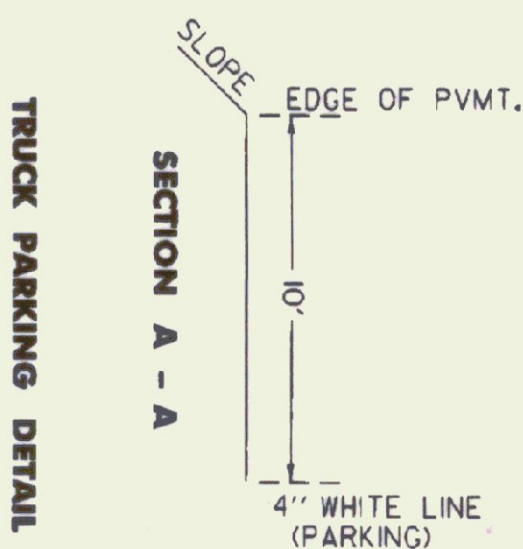
David A. Ray
TRAFFIC AND SAFETY ENGINEER

APPROVED FOR THIS PROJECT
AND/OR DESIGN IMPLEMENTATION,
FHWA FINAL APPROVAL PENDING.



EDGELINE LAYOUTS

EDGELINES SHALL BE APPLIED TO ALL STATE HIGHWAYS AND SHOULD BE MAINTAINED AT A CONSTANT DISTANCE FROM THE CENTERLINE UNLESS PAVEMENT WIDTH INCREASES TO ALLOW WIDER LANES.
APPLY EDGELINE AS DETAIL ON ALL PAVED CLASS 1 & CLASS 2 TOWN HIGHWAYS AND ANY CLASS 3 TOWN HIGHWAY 22 FEET OR MORE IN WIDTH.
IF MIN. 30 FOOT RADIUS CANNOT BE OBTAINED, OR THE TOWN HIGHWAY IS NOT PAVED, BREAK THE EDGELINE USING AN 80 FOOT GAP AT INTERSECTION.



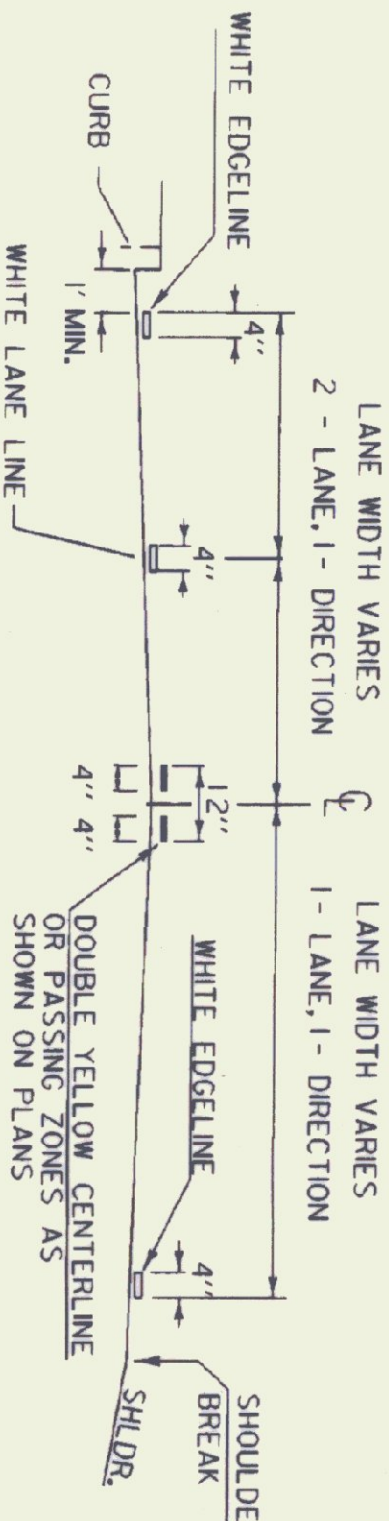
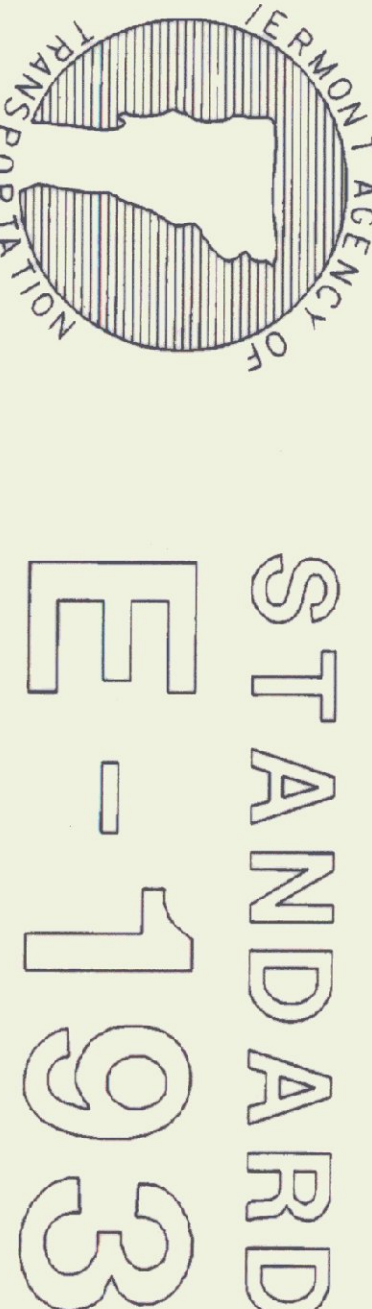
REST AREA PARKING DETAILS

THIS SHEET IS
NOT TO SCALE

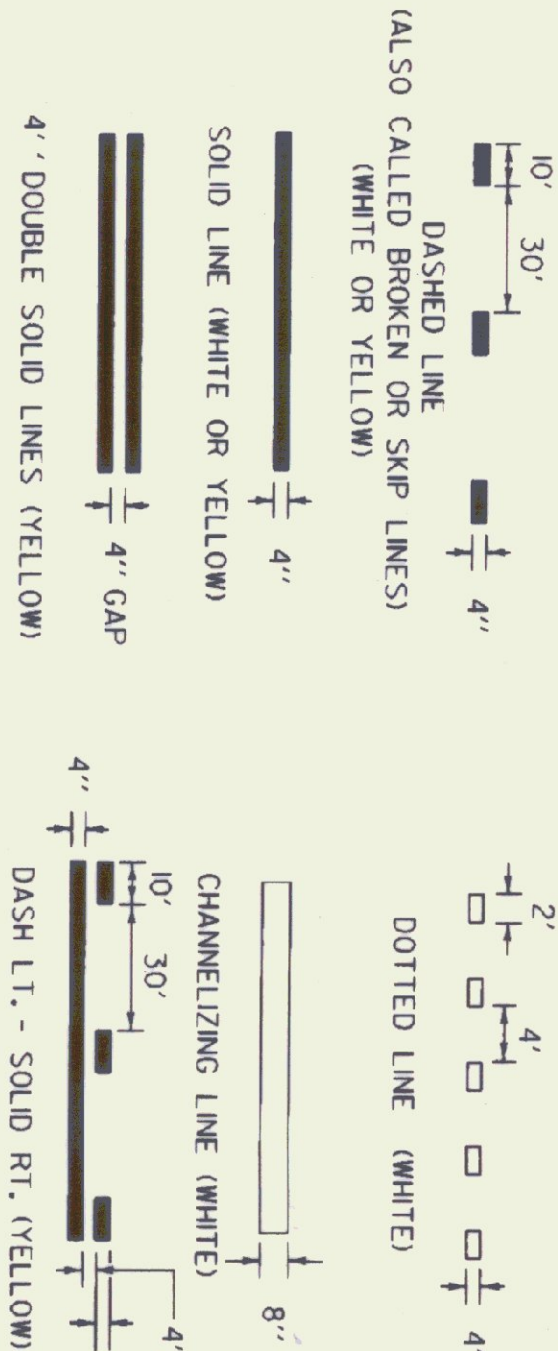
OTHER STDS. E - 191, E - 192
REQUIRED

PAVEMENT MARKING DETAILS

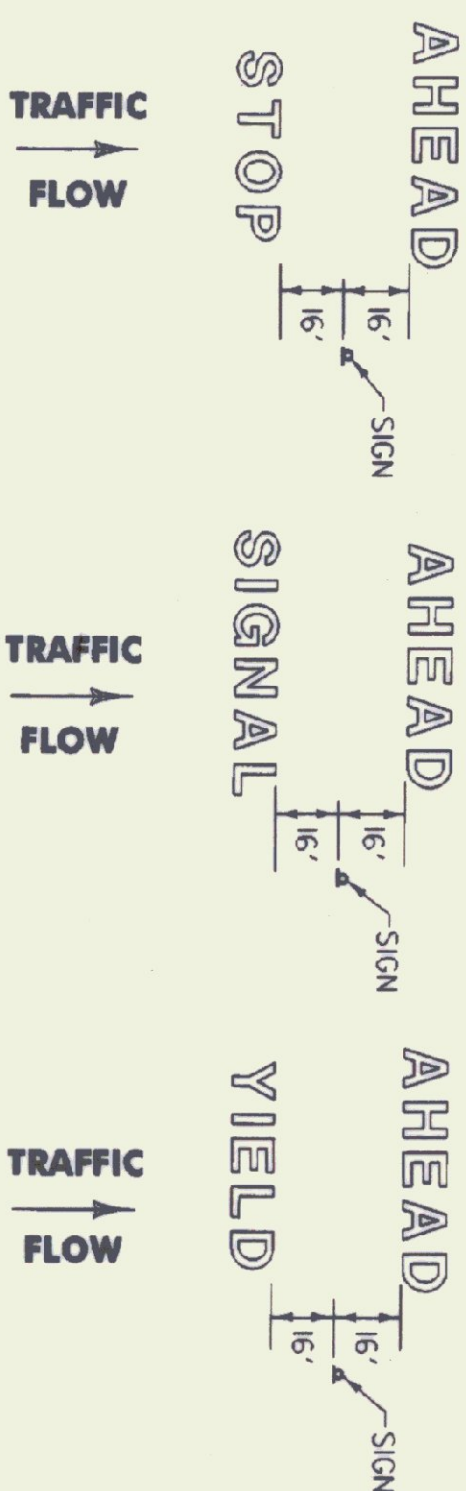
7/17/01/std/std0193.dgn/std0193.1



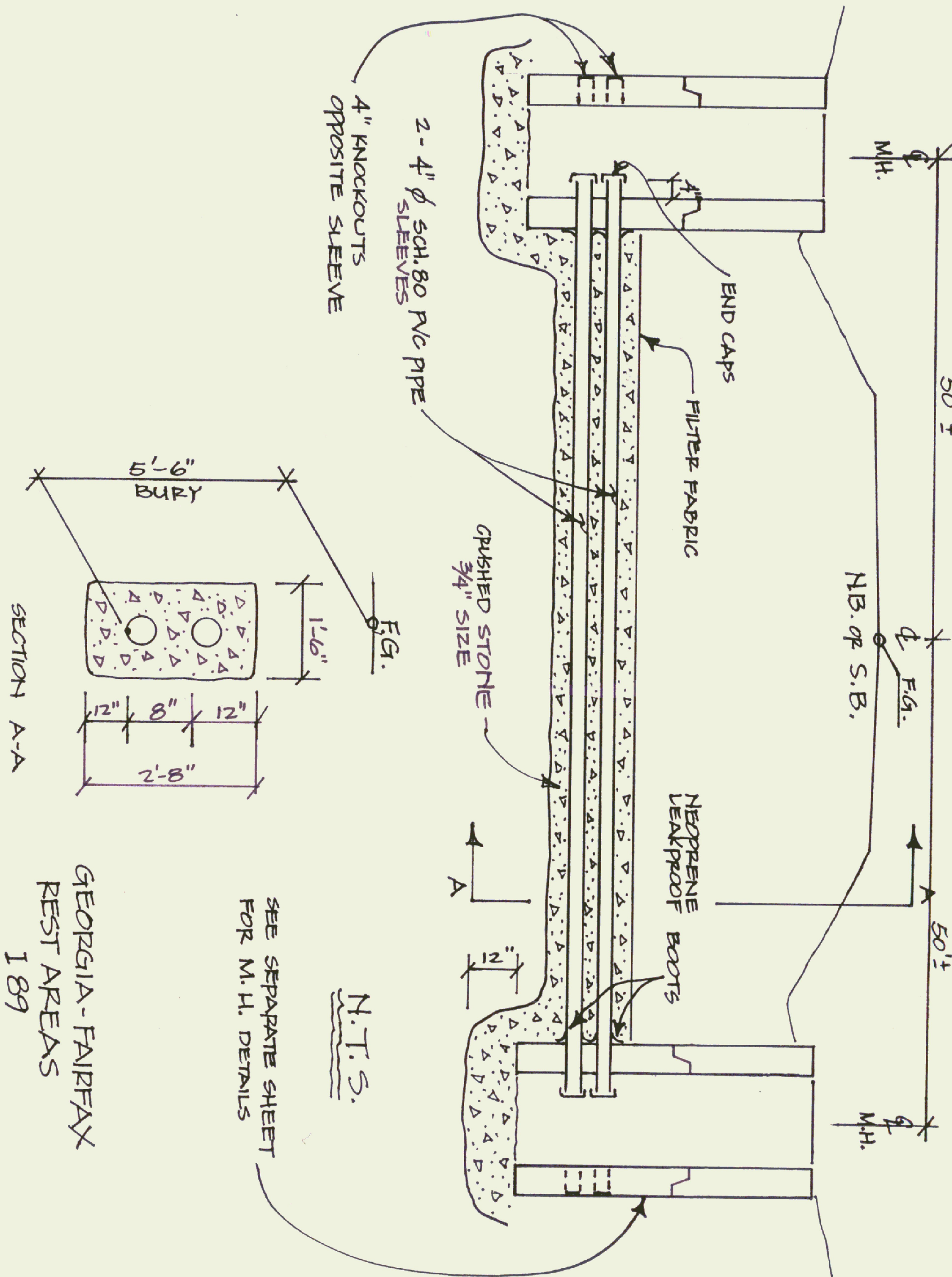
PAVEMENT MARKING PLACEMENT DETAIL

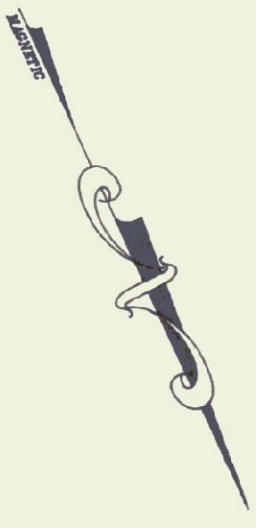
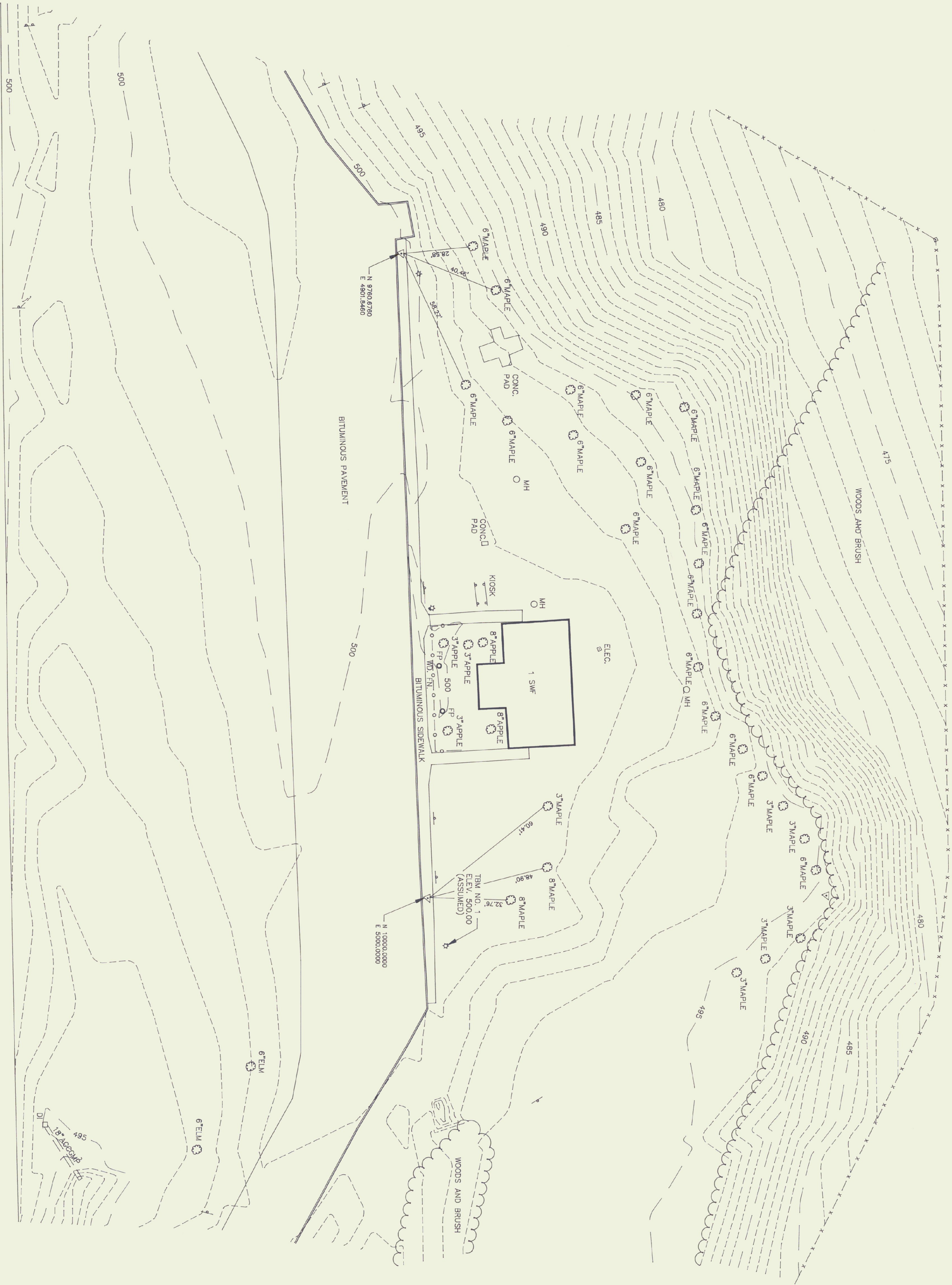


PAVEMENT MARKING LINE DETAILS

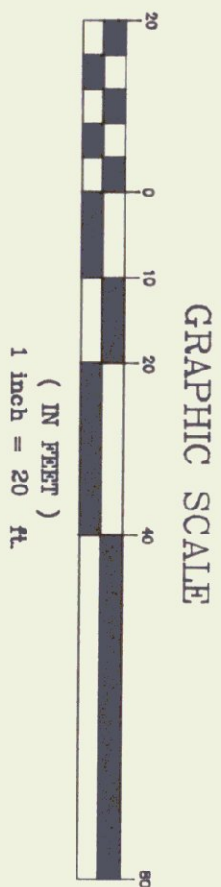


NOTE: SINGLE WORDS CENTERED ON SIGN
ie: SCHOOL OR YIELD

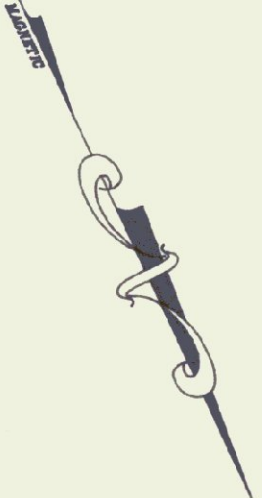




I-88 SOUTHBOUND



REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	APPROVED BY
STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS					
SITE PLAN GEORGIA-FAIRFAX SOUTHBOUND REST AREA					
SUBMITTED					SCALE 1" = 20'
DESIGNED BY PJB	VERMONT SURVEY and ENGINEERING, INC. SURVEYORS and CIVIL ENGINEERS				PROJECT NO. 13994
DRAWN BY VSE	58 EAST STATE STREET • MONTPELIER, VERMONT • 05602				
CHECKED DATE	SUBMITTED				DRAWING NO. 1 OF 1
DEC. 1994					



REV. NO.	DATE	DESCRIPTION	MADE BY	DRAWN BY	APPROVED BY
STATE OF VERMONT DEPARTMENT OF STATE BUILDINGS					
SITE PLAN GEORGIA-FAIRFAX NORTHBOUND REST AREA					
SUBMITTED	VERMONT SURVEY and ENGINEERING, INC.				SCALE 1" = 20'
P.B. DESIGNED	SURVEYORS and CIVIL ENGINEERS				PROJECT NO. 13994
DRAWN	38 EAST STATE STREET • MONTPELIER, VERMONT • 05602				DRAWING NO. 1 OF 1
THAWAS CHECKED	SUBMITTED				DATE DEC. 1994