WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR CONSTRUCTION

OF

TOURIST INFORMATION CENTER

FEDERAL PROJECT NO. N.A.

STATE PROJECT NO. U328-460-15.84

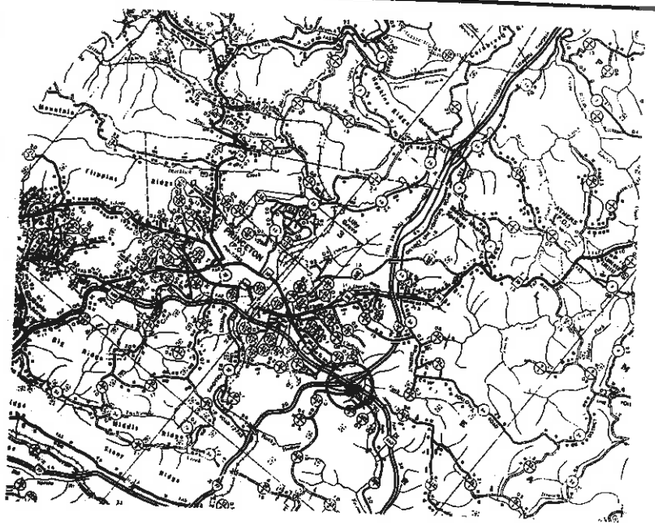
ROUTE NO. SE QUADRANT I-77 and US 460

DISTRICT EAST RIVER

COUNTY MERCER

E.T. BOGGESS AIA, ARCHITECT, INC.

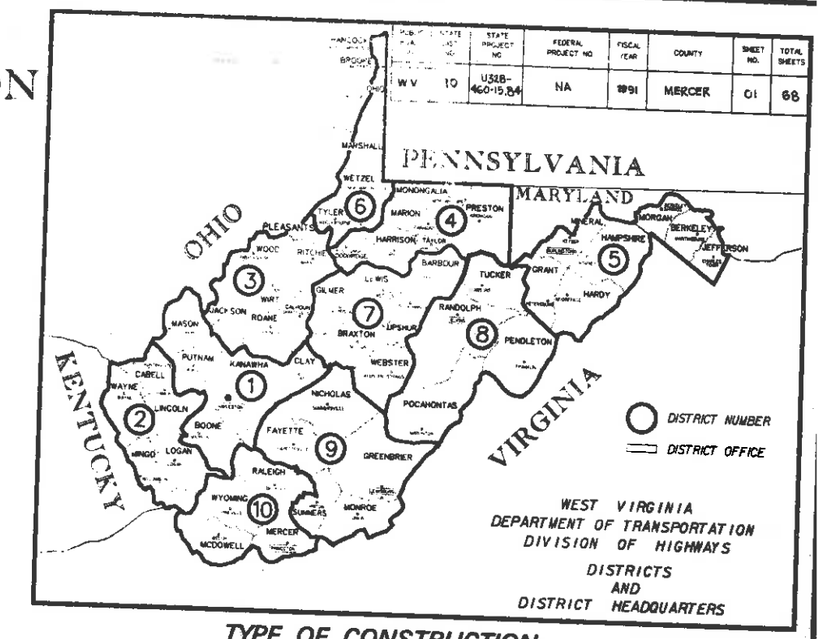
PRINCETON WEST VIRGINIA



LOCATION MAP

0 1 MILE

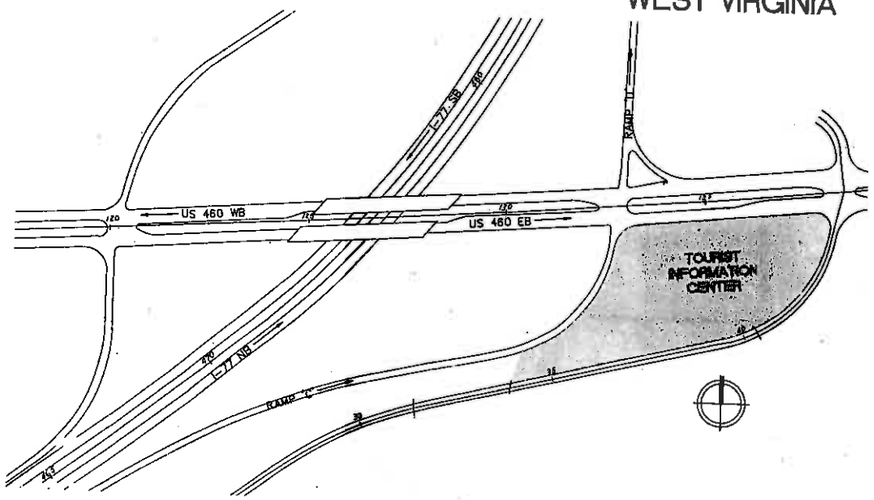
UTILITIES



PUBLIC ROUTE NO.	STATE ROUTE NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	01	68

TYPE OF CONSTRUCTION

GRADE, DRAIN, PAVE, SEWERLINE, SIGNING, LIGHTING, PAVEMENT MARKINGS, and TOURIST INFORMATION CENTER



RECEIVED
W. VA. DEPT. OF HIGHWAYS
JUL 09 1991
DISTRICT CONSTRUCTION DIVISION

NOTES: STANDARD DETAIL BOOK VOL. I DATED APRIL 1, 1982 & VOLUME II DATED APRIL 2, 1985, SHALL APPLY TO THIS PROJECT.

SCALES

PLAN HOR. 0 ft.

PROFILE VERT. 0 ft. HOR. 0 ft.

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
CORPORATION
PROPERTY LINE
EXISTING FENCE
EDGE OF PAVEMENT
EXISTING GUARD RAIL
PALEWAY
GAS LINE
WATER LINE
TELEPHONE LINE
ELECTRIC LINE
POWER POLE
COMBINATION POWER AND TELEPHONE POLE
TREE
SHRUB
RIGHT OF WAY MARKER

LAYOUT SCALE

0 200 ft.

INDEX TO SHEETS

NO.	DESCRIPTION
1-3	COVER SHEET, INDEX, PERSPECTIVE
4-5	QUANTITY SHEET, TRAFFIC CONTROL, GENERAL NOTES
6-22	CIVIL ENGINEERING
23-29	ROADWAY SIGNING AND ROADWAY LIGHTING
30-35	LANDSCAPE WORK
36-68	TOURIST INFORMATION CENTER

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

I HEREBY CERTIFY THAT THIS IS A CORRECT COPY OF THE PLANS OF PROJECT U328-460-15.84

BUSINESS MANAGER

RECOMMENDED DIRECTOR ROADWAY DESIGN DIVISION

RECOMMENDED CHIEF ENGINEER DEVELOPMENT

RECOMMENDED FOR APPROVAL STATE HIGHWAY ENGINEER

APPROVED COMMISSIONER OF HIGHWAYS

APPROVED

DIVISION ADMINISTRATOR DATE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

PROJECT NO. U328-460-15.84

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	02	68

WEST VIRGINIA
TOURIST INFORMATION CENTER

PRINCETON WEST VIRGINIA

STATE PROJECT U328-460-15.84

E.T. BOGGESS, AIA, ARCHITECT, INC.

PRINCETON WEST VIRGINIA

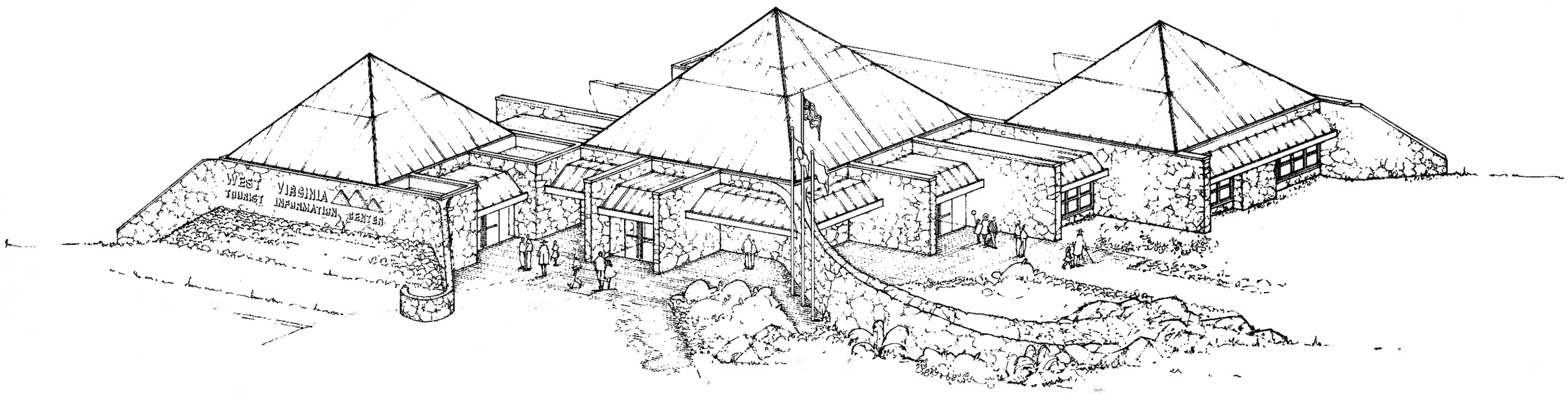
PROFESSIONAL LANDSCAPE ARCHITECT ROBERT JACK ANKROM 153 STATE OF WEST VIRGINIA

STATE OF WEST VIRGINIA EDWARD T. BOGGESS NO. 675 REGISTERED ARCHITECT

INDEX OF DRAWINGS

CE01	QUANTITY SHEET	LP01	LAYOUT PLAN	SD04	STRUCTURAL DETAILS and SECTIONS
CE02	PLAN VIEW and PARKING AREA CONTOURS	LP02	FINISH GRADE and MOUNDING PLAN	SD05	STRUCTURAL DETAILS and SECTIONS
CE03	SITE CROSS SECTIONS #1	LP03	ENTRY PLAZA PLAN	SD06	STRUCTURAL DETAILS and SECTIONS
CE04	SITE CROSS SECTIONS #2	LP04	LANDSCAPE PLAN	SD07	STRUCTURAL DETAILS and SECTIONS
CE05	SITE CROSS SECTIONS #3	LD01	SITE DETAILS	SD08	STRUCTURAL DETAILS and SECTIONS
CE06	PLAN VIEW PARKING AREA - MISC INFO	LD02	PLANT MATERIALS LIST and DETAILS	SD09	STRUCTURAL DETAILS and SECTIONS
CE07	PARKING AREA PAVEMENT LOCATION			SP01	FLOOR FRAMING and DETAILS
CE08	PARKING AREA PAVEMENT LOCATION	FP01	FOUNDATION PLAN and DETAILS	SP02	ROOF FRAMING and DETAILS
CE09	STORM DRAIN PIPE PROFILES and MISC DETAILS	AR01	ROOF PLAN and DETAILS	EP01	LIGHTING PLAN
CE10	MISC DETAILS #1	AP01	FLOOR PLAN and DETAILS	EP02	RECEPTACLE PLAN
CE11	MISC DETAILS #2	AS01	FINISH SCHEDULES	EP03	CRAWL SPACE LIGHTING PLAN
CE12	STD DETAIL - SLOT INLET	AE01	ELEVATIONS	EP04	SITE LIGHTING PLAN
CE13	PROPOSED SEWER LINE	IE01	DETAILED PLAN and INTERIOR ELEVS	ES01	ELECTRICAL SCHEDULES
CE14	PROPOSED SEWER LINE	IE02	DETAILED PLAN and INTERIOR ELEVS	ES02	ELECTRICAL SCHEDULES
CE15	PROPOSED SEWER LINE	AX01	BUILDING CROSS SECTIONS and DETAILS	MP01	MECHANICAL PLAN
CE16	WATER and SEWER LINE PROFILES	AX02	BUILDING CROSS SECTIONS and DETAILS	MP02	MECHANICAL PLAN
CE17	STD DETAIL - TYPE A MANHOLE	AX03	BUILDING CROSS SECTIONS and DETAILS	MS01	MECHANICAL SCHEDULES
CE18	STD DETAIL - MANHOLE CASTINGS	SD01	STRUCTURAL DETAILS and SECTIONS	MS02	MECHANICAL SCHEDULES
DOH	ROADWAY SIGNING	SD02	STRUCTURAL DETAILS and SECTIONS	PP01	PLUMBING PLAN
DOH	ROADWAY LIGHTING	SD03	STRUCTURAL DETAILS and SECTIONS	PP02	PLUMBING PLAN

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	03	68



STATE OF WEST VIRGINIA
REGISTERED
ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

PERSPECTIVE

SCALE | DRAWN BY | REVISED

E.T.BOGGESS, A.I.A. ARCHITECT
PRINCETON WEST VIRGINIA

DATE | PROJECT NO. U328 - 460 - 15.84 | DRAWING NO.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	04	68

ITEM NO.	ALTERNATE	DESCRIPTION	UNIT	QUANTITY
201-01		CLEARING AND GRUBBING	LS	1
204-01		MOBILIZATION	LS	1
207-01		UNCLASSIFIED EXCAVATION	C.Y.	610
211-01		UNCLASSIFIED BORROW EXCAVATION	C.Y.	7,895
307-01		CLASS 1 AGGREGATE BASE COURSE	C.Y.	1289
401-01(2)SG	AA1	HOT-LAID BITUMINOUS CONCRETE BASE COURSE (STONE OR GRAVEL)	TON	775
401-01(2)S	AA2	HOT-LAID BITUMINOUS CONCRETE BASE COURSE (SLAG)	TON	705
401-02(1)SG	BB1	HOT-LAID BITUMINOUS CONCRETE WEARING COURSE (STONE OR GRAVEL)	TON	260
401-02(1)S	BB2	HOT-LAID BITUMINOUS CONCRETE WEARING COURSE (SLAG)	TON	237
409-02		BITUMINOUS MATERIAL	GAL	2340
604-01(15)A2		METALLIC COATED CORRUGATED STEEL PIPE	L.F.	220
604-01(18)A2		METALLIC COATED CORRUGATED STEEL PIPE	L.F.	145
604-09(18)		END SECTION FOR CORRUGATED STEEL PIPE	EACH	5
604-10(21x15)A2		METALLIC COATED CORRUGATED STEEL PIPE ARCH	L.F.	259
604-16(21x15)		END SECTION FOR CORRUGATED STEEL PIPE ARCH	EACH	1
605-04		TYPE B INLET	EACH	6
605-41(18)(6)		SLOT INLET	L.F.	30
608-10		STONE AND RAIL FENCE	L.S.	1
609-01		CONCRETE SIDEWALK	S.Y.	274
609-03(A)		SIDEWALK UNIT PAVERS	S.Y.	482
610-01(I)		PLAIN CONCRETE CURBING	L.F.	1005
610-03(I)		COMBINATION CONCRETE CURB AND GUTTER	L.F.	1045
633-03		DUMPED ROCK GUTTER	C.Y.	12
636-11		TRAFFIC CONTROL DEVICES	UNIT	5120
636-12		CLEANING OF PROJECT TRAFFIC CONTROL DEVICES	EACH	1
636-13		CLEANING OF INDIVIDUAL TRAFFIC CONTROL DEVICES	EACH	25
636-14		FLAGGER	HOUR	300
636-21		ELECTRIC ARROW	DAY	10
636-25(B)		WARNING LIGHTS	DAY	900
636-25(C)		WARNING LIGHTS	DAY	500
638-02		RIGHT OF WAY MARKERS	EACH	9
639-01		CONSTRUCTION LAYOUT STAKES	LS	1
640-01		STANDARD FIELD OFFICE AND STORAGE BUILDING	LS	1
640-03		BUILDING EQUIPMENT	LS	1
642-13		TEMPORARY POLLUTION CONTROL	LS	1
657-06(W6x12)		A-441 SUPPORTS, GALVANIZED	L.F.	126
657-06(W8x18)		A-441 SUPPORTS, GALVANIZED	L.F.	144
657-10		3.00 LB CHANNEL POST	L.F.	290
657-12		4.00 LB BACK TO BACK CHANNEL POST	L.F.	46
657-17		CLASS B CONCRETE FOOTING, REINFORCED, ROADSIDE	C.Y.	13.6
657-18		POST REMOVAL	EACH	10
661-01(1)		(0.080), FLAT SHEET SIGNS	S.F.	144
661-01(2)		(0.100), FLAT SHEET SIGNS	S.F.	64
661-02		EXTRUDED PANEL SIGNS	S.F.	1112
663-01-1(II)W		EDGE LINE, WHITE	L.F.	1800
663-03-1(II)		BARRIER LINES	L.F.	100
663-05(II)		TYPE II STOP LINES	L.F.	100
663-07(V)W		TYPE V STRIPES, WHITE	L.F.	120
663-10(V)		TYPE V LANE ARROWS	EACH	8
670-08(2)		COPPER SERVICE PIPE	L.F.	175
672-01		TOURIST INFORMATION CENTER BUILDING	LS	1
672-02		BUILDING FURNISHINGS	LS	1

ITEM NO.	ALTERNATE	DESCRIPTION	UNIT	QUANTITY
672-03		SHELTERS	LS	1
672-04		TABLES, BENCHES AND LITTER CONTAINERS	LS	1
672-05		LANDSCAPE WORK	LS	1
672-06		SITE LIGHTING	LS	1
672-07		EXTERIOR SIGNING	LS	1
675-07(8)		PLASTIC SEWER PIPE	LF	2536
675-08(8)50(0.36)		DUCTILE IRON SEWER PIPE CLASS 50 THICKNESS 0.36"	LF	318
675-21(16)0.375		STEEL CASING PIPE	LF	230
675-14		MANHOLE COMPLETE, INCLUDING CASTING	EACH	12

ROADWAY LIGHTING

662-02(2)		GALVANIZED STEEL CONDUIT	LS	1
662-06(H 10x10)		JUNCTION BOX	EACH	4
662-07(250)		LUMINAIRES	EACH	3
662-08(2)		CABLE	LS	1
662-10(40-12)I		LIGHTING SUPPORT, TYPE I	EACH	1
662-10(40-20)I		LIGHTING SUPPORT, TYPE I	EACH	2
662-14		INCIDENTAL ELECTRICAL WORK	LS	1
662-15(2)		ELECTRICAL TESTS	LS	1
662-16		SYSTEM MODIFICATION	LS	1

CULVERT PIPE

LOCATION	604-01(18)A2 (LF)	604-01(15)A2 (LF)	604-10(21x15)A2 (LF)	605-41(18)(6) (LF)	605-04 (EACH)	604-16(21x15) (EACH)	604-09(18) (EACH)	REMARKS
CAR PARKING LOT			259		2	1		STORM DRAIN
RV PARKING LOT 6+00 RT.	95				1		1	STORM DRAIN
CAR ENTRANCE	10			30			2	STORM DRAIN
RV EXIT 6+75 LT.	40						2	STORM DRAIN
PICNIC AREA		200			1			STORM DRAIN
AMPHITHEATER		20			2			STORM DRAIN

LEGEND

Pentree Incorporated
Consulting Engineers ©
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

NO.	REVISIONS	DATE	BY

QUANTITY SHEET

SHEET CE01
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: O
PENTREE PROJ. NO.:
9006-001 B-004

PENTREE, INC.

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	05	68

TRAFFIC CONTROL DEVICES QUANTITIES

DEVICE	DESCRIPTION	VALUES IN UNITS	QUANTITIES	TOTAL UNITS
1	SIGNS ON PORTABLE MOUNTS AND BARRICADES (TOTAL SIGN AREA 16 SQ.FT. OR GREATER)	90	15	1350
2	SIGNS ON PORTABLE MOUNTS AND BARRICADES (TOTAL SIGN AREA 16 SQ.FT. OR GREATER)	60	0	
3	SIGNS ON PERMANENT POSTS (TOTAL SIGN AREA 16 SQ.FT. OR GREATER)	100	13	1300
4	SIGNS ON PERMANENT POSTS (TOTAL SIGN AREA 16 SQ.FT. OR GREATER)	70	5	350
5	BARRICADES – TYPE I	30		
6	BARRICADES – TYPE II	50		
7	BARRICADES – TYPE III	70	5	350
8	DRUMS	30	25	750
9	CONES	5	70	350
10	VERTICLE PANELS OR GROUND MOUNTED DELINEATORS	10	0	
11	BARRIER OR GUARDRAIL MOUNTED DELINEATORS (TO BE BID INCIDENTAL TO THE COST OF THE BARRIER OR GUARDRAIL)	0	0	0
		SUBTOTAL		4450
		15% OF SUBTOTAL (TO BE USED AT THE DIRECTION OF THE ENGINEER		670
		TOTAL		5120

MAINTENANCE OF TRAFFIC SUMMARY

ITEM No.	DESCRIPTION	QUANTITY UNIT	QUANTITY TOTAL
636-025	AGGREGATE FOR MAINTAINING TRAFFIC, SLAG	TON	
636-02SG	AGGREGATE FOR MAINTAINING TRAFFIC, STONE OR GRAVEL	TON	
636-03	BITUMINOUS MATERIAL FOR DUST PALLATIVE	GAL.	
636-04	CALCUIM CHLORIDE FOR DUST PALLATIVE	TON	
636-05	TEMPORARY STRUCTURES FOR MAINTAINING TRAFFIC	L.S.	
636-06	PILOT TRUCT AND DRIVE	DAY	
636-07	ERADICATION OF PAVEMENT MARKINGS	L.F.	
636-08	TEMPORARY PAVEMENT MARKINGS – PAINT	L.F.	
636-09	TEMPORARY PAVEMENT MARKINGS – TAPE TYPE	L.F.	
636-10	TEMPORARY RAISED PAVEMENT MARKERS – TYPE	EACH	
636-11	TRAFFIC CONTROL DEVICES	UNIT	5120
636-12	CLEANING OF PROJECT TRAFFIC CONTROL DEVICES	EACH	1
636-13	CLEANING OF INDIVIDUAL TRAFFIC CONTROL DEVICES	EACH	25
636-14	FLAGGER	HR.	300
636-15	TEMPORARY GUARDRAIL CHANNELIZATION DEVICE	L.F.	
636-16	REMOVE AND RESET TEMP. GUAARDRAIL CHANNELIZATION DEVICE	L.F.	
636-17	TEMPORARY CONCRETE BARRIER	L.F.	
636-17-1	DOH FURNISHED TEMPORARY CONCRETE BARRIER	L.F.	
636-18	REMOVE AND RESET TEMPORARY CONCRETE BARRIER	L.F.	
636-18-1	REMOVE AND RESET DOH FURNISHED TEMPORARY CONCRETE BARRIER	L.F.	
636-19	TEMPORARY GUARDRAIL BARRIER	L.F.	
636-20	REMOVE AND RESET TEMPORARY GUARDRAIL BARRIER	L.F.	
636-21	ELECTRIC ARROW	DAY	10
636-22	CHANGEABLE MESSAGE SIGN	DAY	
636-23	TEMPORARY TRAFFIC SIGNAL	L.S.	
636-24	TEMPORARY PIPE FOR MAINTAINING TRAFFIC	L.F.	
636-25(A)	WARNING LIGHTS	DAY	
636-25(B)	WARNING LIGHTS	DAY	900
636-25(C)	WARNING LIGHTS	DAY	500
636-26	TEMPORARY LIGHTING	L.S.	
636-28	SHADOW VEHICLE	DAY	

GOVERNING SPECIFICATIONS

THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS ROADS AND BRIDGES, ADOPTED 1986, AS AMENDED BY THE WEST VIRGINIA DIVISION OF HIGHWAYS SUPPLEMENTAL SPECIFICATIONS, DATED JANUARY 1, 1991, THE CONTRACT DOCUMENTS AND THE CONTRACT PLANS ARE GOVERNING PROVISIONS APPLICABLE. TO THIS PROJECT.

TEMPORARY POLLUTION CONTROL

NO WORK SHALL BE STARTED UNTIL THE POLLUTION CONTROL SCHEDULES AND METHODS DESCRIBED IN SECTION 642.3 HAVE BEEN APPROVED BY THE PROJECT ENGINEER. THE REQUIREMENTS OF SECTION 642 SHALL BE FOLLOWED UNTIL THE PROJECT IS ACCEPTED BY THE DIVISION OF HIGHWAYS. A SPECIFIC PROJECT POLLUTION CONTROL PLAN IS TO BE PRESENTED AT THE PRECONSTRUCTION CONFERENCE. PAYMENT FOR THE ABOVE DESCRIBED WORK SHALL BE ITEM 642-13, TEMPORARY POLLUTION CONTROL, PER LUMP SUM.

MAINTENANCE OF TRAFFIC NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 636 OF THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS ROADS AND BRIDGES, ADOPTED 1986, AS AMENDED BY THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS SUPPLEMENTAL SPECIFICATIONS, DATED JANUARY 1, 1991, THE CONTRACT DOCUMENTS AND THE CONTRACT PLANS ARE THE GOVERNING PROVISIONS APPLICABLE TO THIS PROJECT, AND THE MANUAL ,TRAFFIC CONTROL FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS, JULY, 1985; WHICH IS MADE A PART OF THIS CONTRACT AND THE TRAFFIC PLAN FOR INDIVIDUAL SEGMENTS AS DESCRIBED BELOW:

2. THE QUANTITIES OF TRAFFIC CONTROL DEVICES HAVE BEEN INCREASED BY 15 PERCENT FOR USE AS DIRECTED BY THE ENGINEER WHEN UNANTICIPATED CHANGES IN THE TRAFFIC CONTROL PLANS OCCUR.

3. REFLECTIVE SHEETING ON TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE OF NEW CONDITION AT BEGINNING OF THE PROJECT LIFE. NIGHT VISIBILITY AND LEGIBILITY SHALL BE MAINTAINED.

4. ACCESS TO ALL HOUSES AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.

MAINTENANCE OF TRAFFIC OPERATIONS

1. INSTALL CASE E3 WITH INCREASED DISTANCES AND G20-2S BOTH EASTBOUND AND WESTBOUND ON U.S. 460.

2. INSTALL CASE A3 ON RAMP C AND ON GREASY RIDGE ROAD (CO. RTE 219/2) WITH AT LEAST ONE G-20-2 ON GREASY RIDGE ROAD.

3. USE CASES A4 AND A6 ON GREASY RIDGE ROAD AS NECESSARY.

4. USE CASE E6 (DAYTIME ONLY) FOR EASTBOUND U.S. 460 AS NECESSARY.

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

MAINTENANCE OF TRAFFIC AND GENERAL NOTES | SCALE: | DRAWN BY: | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC
PRINCETON WEST VIRGINIA

DATE:	PROJECT NO.	DRAWING NO.
	U328 - 460 - 15.84	MT01

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
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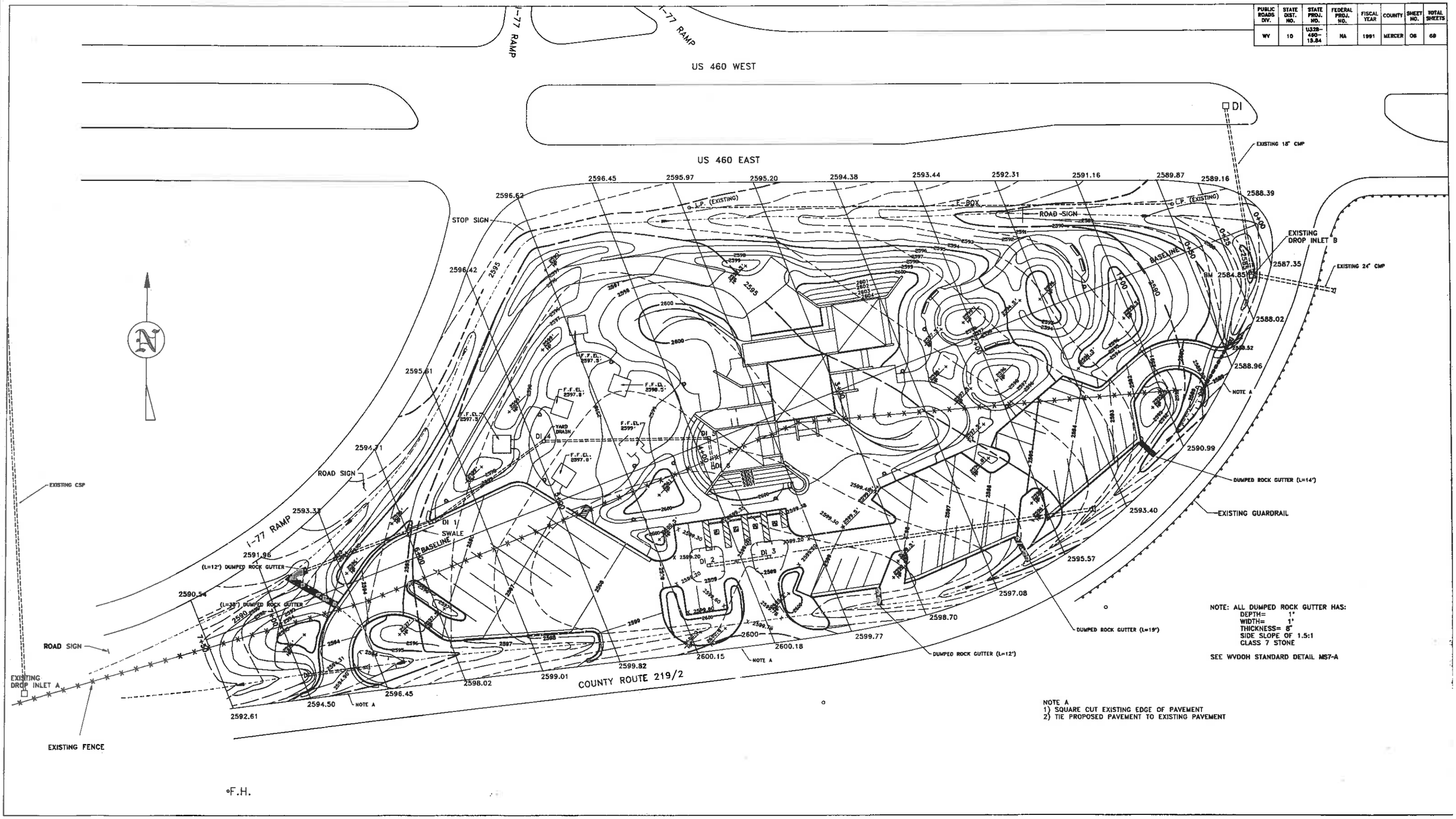


NOTE: ALL DUMPED ROCK GUTTER HAS:
DEPTH= 1'
WIDTH= 1'
THICKNESS= 8"
SIDE SLOPE OF 1.5:1
CLASS 7 STONE

SEE WVDOH STANDARD DETAIL MS7-A

NOTE A
1) SQUARE CUT EXISTING EDGE OF PAVEMENT
2) TIE PROPOSED PAVEMENT TO EXISTING PAVEMENT

LEGEND

- F.H. FIREHYDRANT
- L.P. LIGHT POLE
- POWER POLE
- DITCH LINE
- EXISTING CONTOURS

30 15 0 30 60
SCALE IN FEET

Pentree Incorporated
Consulting Engineers ©
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

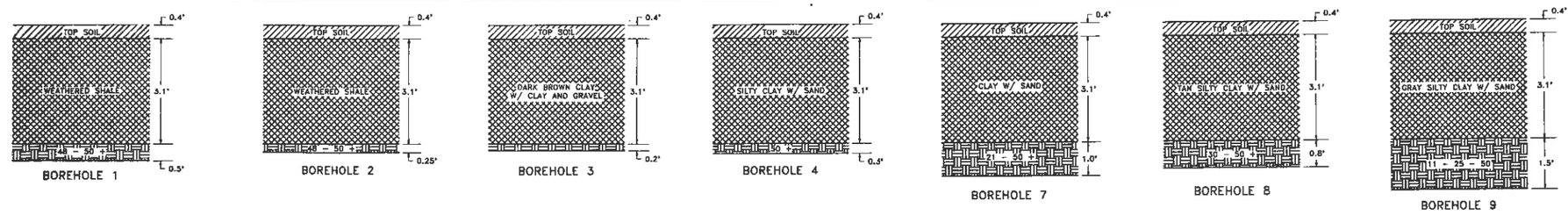
NO.	REVISIONS	DATE	BY

PLAN VIEW
PARKING AREA
CONTOURS

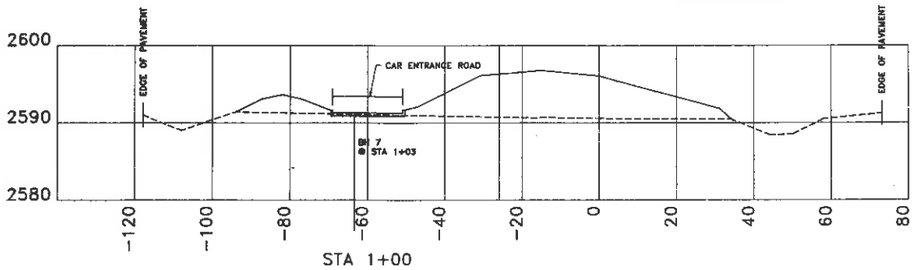
SHEET CE02
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: TOURSIT
PENTREE PROJ. NO.:
9006-001 B-0

PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-480-13.84	NA	1991	MERCER	07	68



BOREHOLE GEOTECHNICAL DATA
VERTICAL SCALE: 1" = 2'



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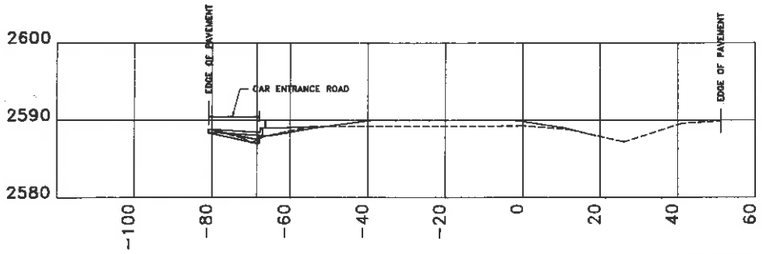

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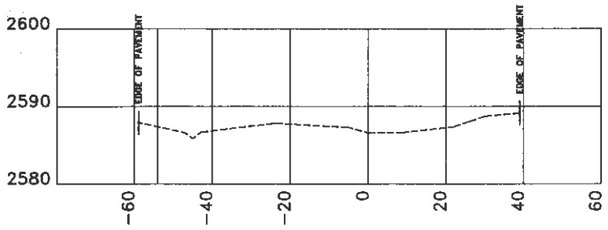

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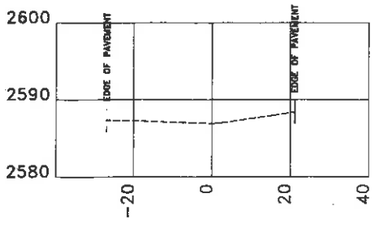
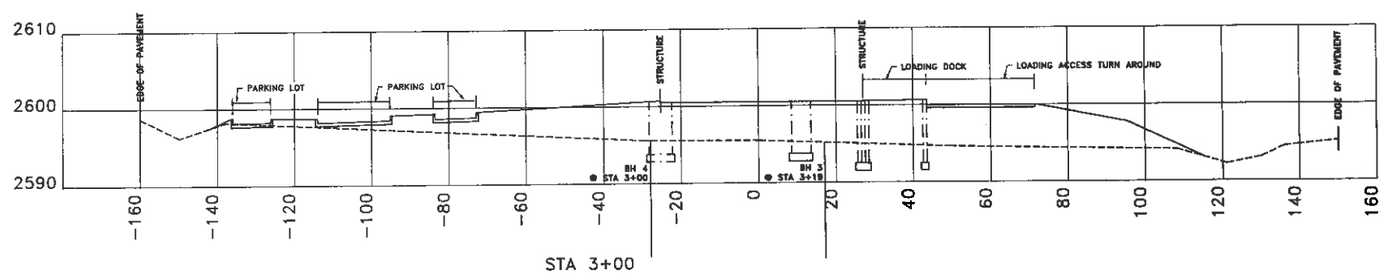


STA 0+00

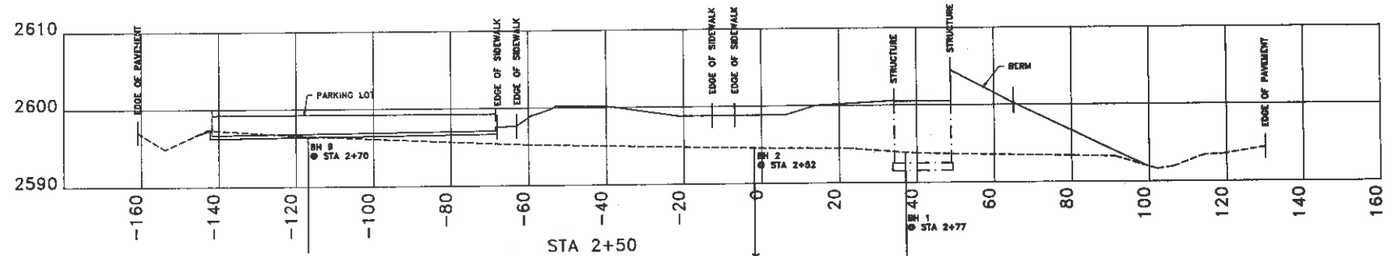
EARTHWORK VOLUMES (C.Y.)

STATION	FILL	CUT
0+00		
	10.9	0.8
0+50		
	114.9	5.3
1+00		
	492.3	26.7
1+50		
	500.8	44.4
2+00		
	1129.6	38.3
2+50		
	1601.8	16.0
3+00		
	1467.8	1.5
3+50		
	1128.7	1.5
4+00		
	640.0	5.3
4+50		
	182.4	112.0
5+00		
	48.3	184.8
5+50		
	22.4	112.6
6+00		
	39.1	40.9
6+50		
	60.8	13.0
7+00		
	35.2	6.9
7+50		
TOTAL	7475.0	610.0

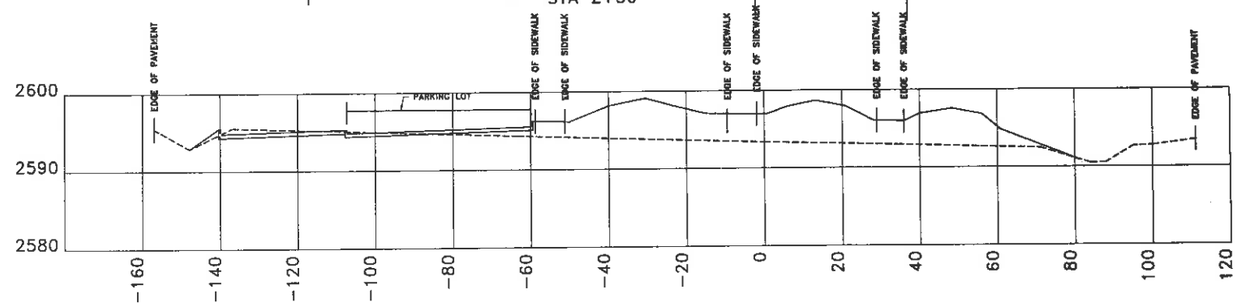
TO MEET UNCLASSIFIED BORROW EXCAVATION REQUIREMENTS WITH 15% SWELL FACTOR:
ITEM 211-01, UNCLASSIFIED BORROW EXCAVATION =
(FILL − CUT) / (1 + 0.15) =
(7475 − 610) X (1.15) = 7,895 C.Y.



STA 3+00



STA 2+50



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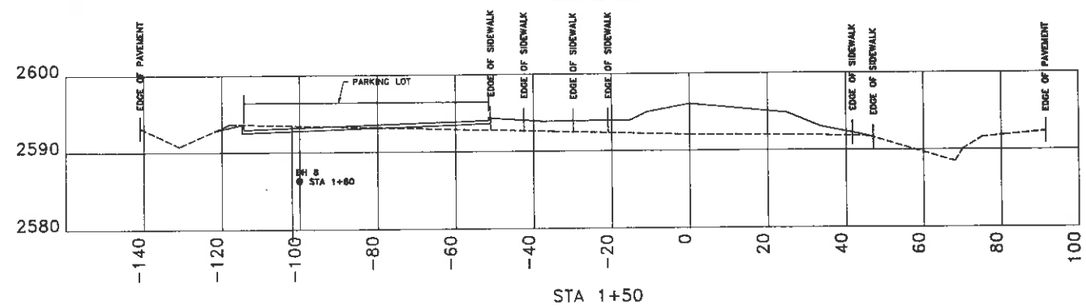

STA 1+50

LEGEND

- EXISTING GROUND
- FOOTINGS
- PROPOSED GROUND

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

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PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

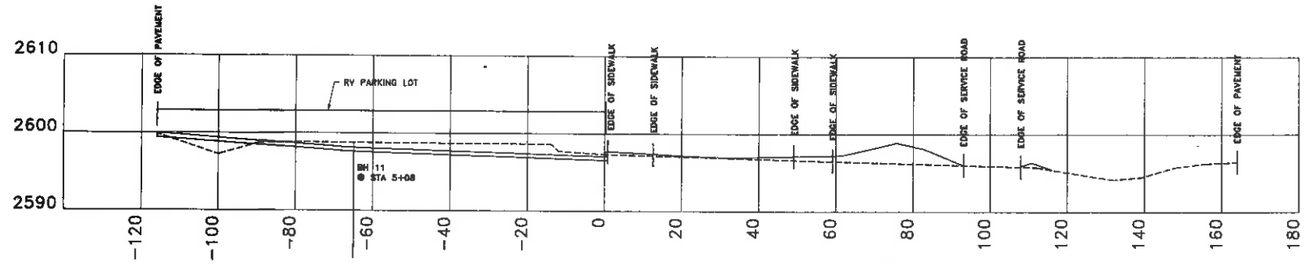
NO.	REVISIONS	DATE	BY

SITE CROSS SECTIONS #1

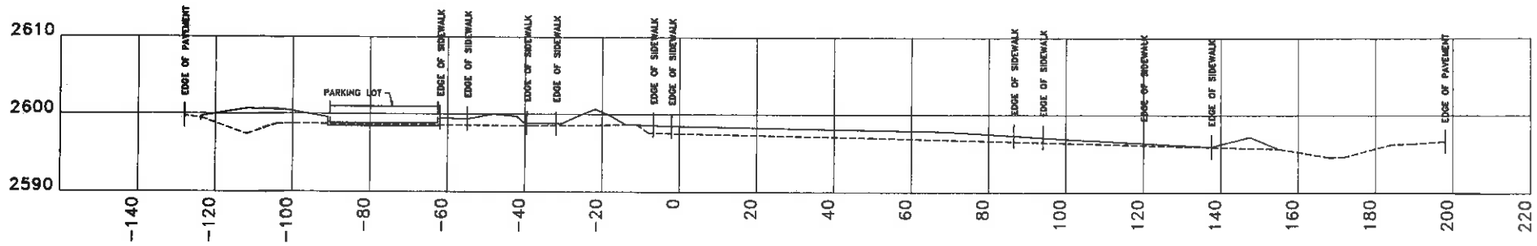
SHEET CE03
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: TOURPRO1
PENTREE PROJ. NO.:
9006-001 B-004

PENTREE, INC. ©

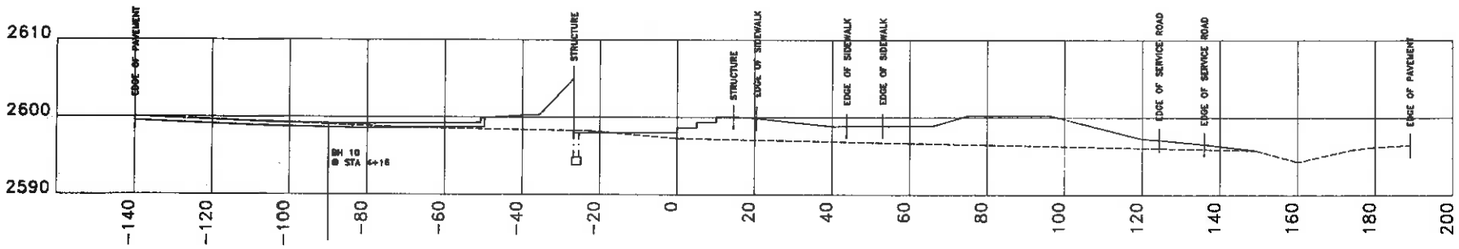
PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TO SHEETS
WV	10	U328-480-15.84	NA	1991	MERCER	08	8



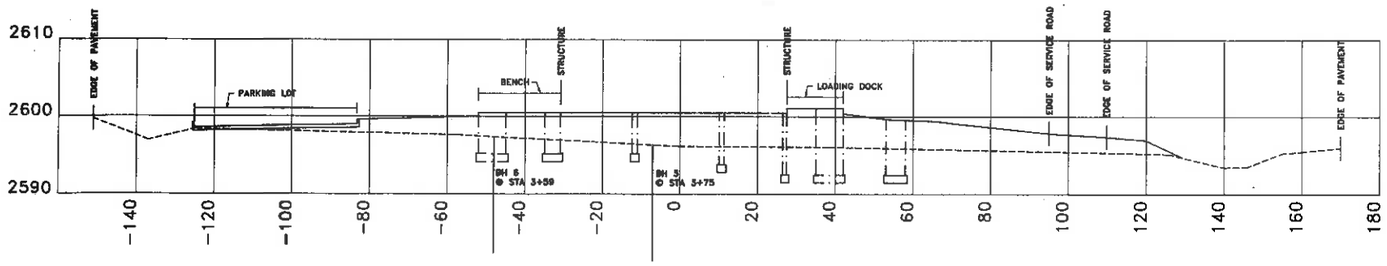
STA 5+00



STA 4+50



STA 4+00



STA 3+50

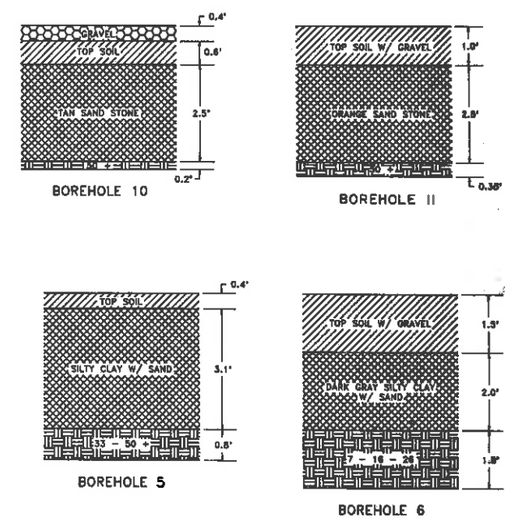
EARTHWORK VOLUMES (C.Y.)

STATION	FILL	CUT
0+00		
0+50	10.9	0.8
1+00	114.9	5.3
1+50	492.3	26.7
2+00	500.8	44.4
2+50	1129.6	38.3
3+00	1501.8	16.0
3+50	1467.8	1.5
4+00	1128.7	1.5
4+50	640.0	5.3
5+00	182.4	112.0
5+50	48.3	184.8
6+00	22.4	112.6
6+50	39.1	40.9
7+00	60.8	13.0
7+50	35.2	6.9
TOTAL	7475.0	610.0

TO MEET UNCLASSIFIED BORROW EXCAVATION REQUIREMENTS WITH 15% SWELL FACTOR:
ITEM 211-01, UNCLASSIFIED BORROW EXCAVATION =
(FILL - CUT) / (1 + 0.15) =
(7475 - 610) X (1.15) = 7,895 C.Y.

BOREHOLE GEOTECHNICAL DATA

VERTICAL SCALE: 1" = 2'



LEGEND

- EXISTING GROUND
- FOOTINGS
- PROPOSED GROUND

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

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TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

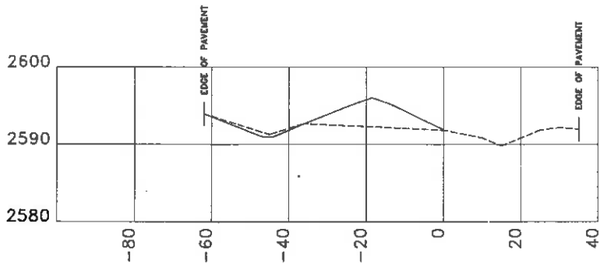
NO.	REVISIONS	DATE	BY

SITE CROSS SECTIONS #2

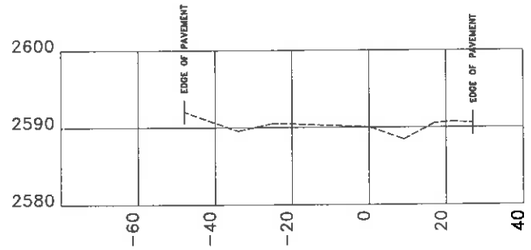
SHEET CE04
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGES
DWG NAME: TOURPR
PENTREE PROJ. NO.
9006-001 B

PENTREE, INC.

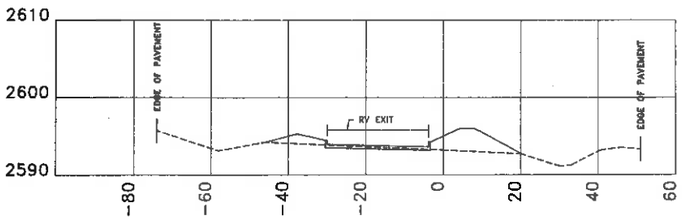
PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.64	NA	1991	MERCER	09	68



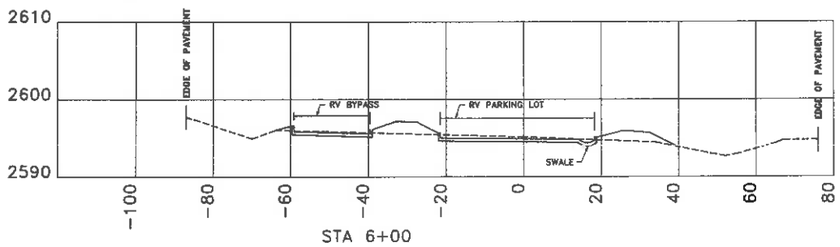
STA 7+00



STA 7+50



STA 6+50



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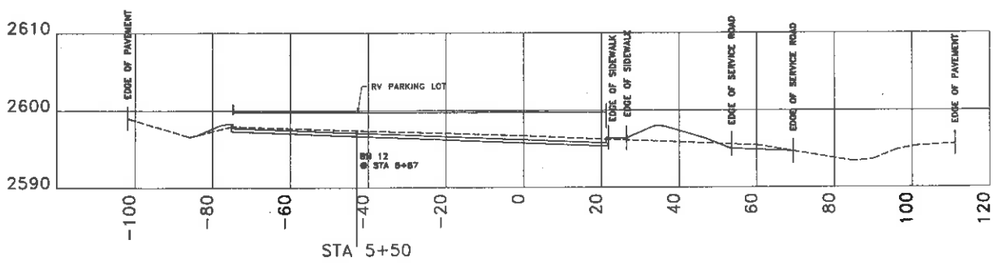
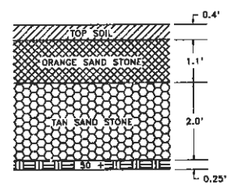


STA 5+50



BOREHOLE GEOTECHNICAL DATA
BOREHOLE 12
VERTICAL SCALE: 1" = 2'

EARTHWORK VOLUMES (C.Y.)

STATION	FILL	CUT
0+00		
	10.9	0.8
0+50		
	114.9	5.3
1+00		
	492.3	26.7
1+50		
	500.8	44.4
2+00		
	1129.6	38.3
2+50		
	1601.8	16.0
3+00		
	1467.8	1.5
3+50		
	1128.7	1.5
4+00		
	640.0	5.3
4+50		
	182.4	112.0
5+00		
	48.3	184.8
5+50		
	22.4	112.6
6+00		
	39.1	40.9
6+50		
	60.8	13.0
7+00		
	35.2	6.9
7+50		
TOTAL	7475.0	610.0

TO MEET UNCLASSIFIED BORROW EXCAVATION REQUIREMENTS WITH 15% SWELL FACTOR:
ITEM 211-01, UNCLASSIFIED BORROW EXCAVATION =
(FILL − CUT) / (1 + 0.15) =
(7475 − 610) × (1.15) = 7,895 C.Y.

LEGEND

EXISTING GROUND

PROPOSED GROUND

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

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TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

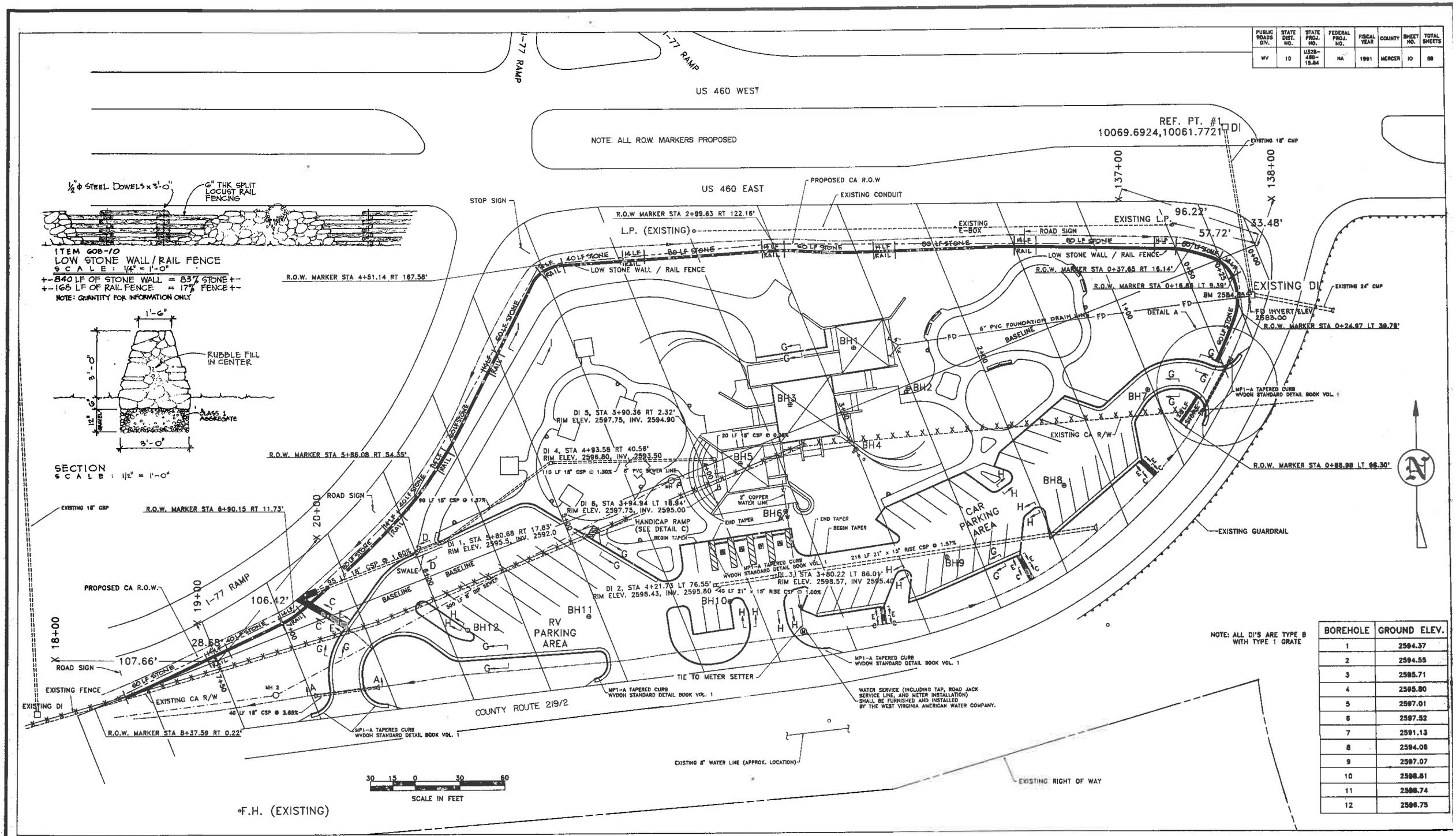
NO.	REVISIONS	DATE	BY

SITE CROSS SECTIONS #3

SHEET CE05
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DWG: [redacted]
DWG NAME: TOURIST
PENTREE PROJ. NO.: 9008-001 B-6

PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	10	88



NOTE: ALL DI'S ARE TYPE 8 WITH TYPE 1 GRATE

BOREHOLE	GROUND ELEV.
1	2594.37
2	2594.55
3	2595.71
4	2595.80
5	2597.01
6	2597.52
7	2591.13
8	2594.06
9	2597.07
10	2598.81
11	2598.74
12	2598.75

LEGEND

- F.H. FIREHYDRANT
- BOREHOLE LOCATION
- POWER POLE
- L.P. LIGHT POLE
- EXISTING CONTROL ACCESS
- PROPOSED CONTROL ACCESS
- EXISTING DITCH LINE
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- FD FOUNDATION DRAIN LINE

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E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

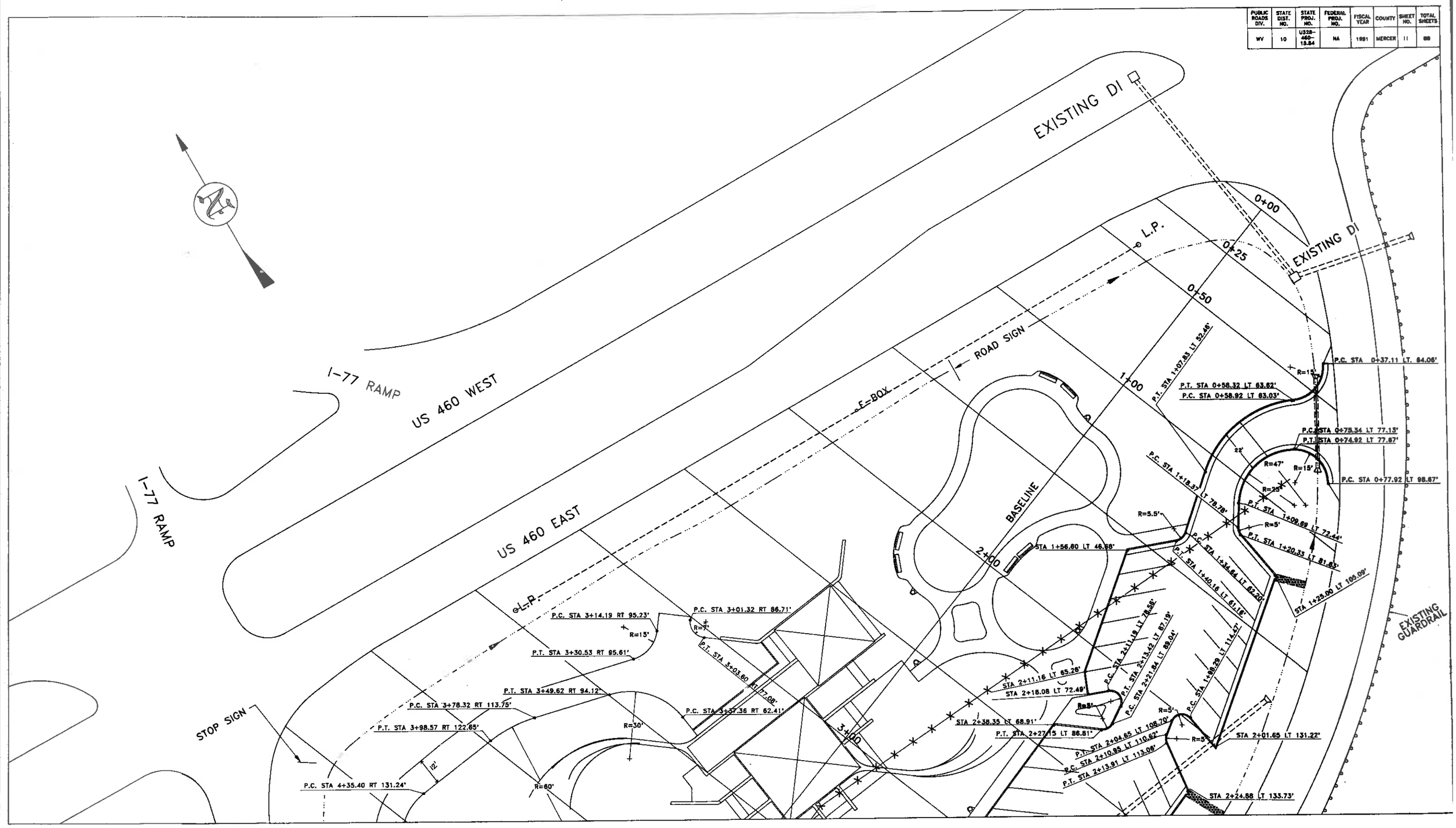
NO.	REVISIONS	DATE	BY

PLAN VIEW
PARKING AREA
MISC.
INFORMATION

SHEET CE06
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: PLAN
PENTREE PROJ. NO.: 9006-001 B-0

PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	11	88



CE07
CE08

MATCH SHEETS

LEGEND

20 10 0 20 40
SCALE IN FEET

Pentree Incorporated
Consulting Engineers
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

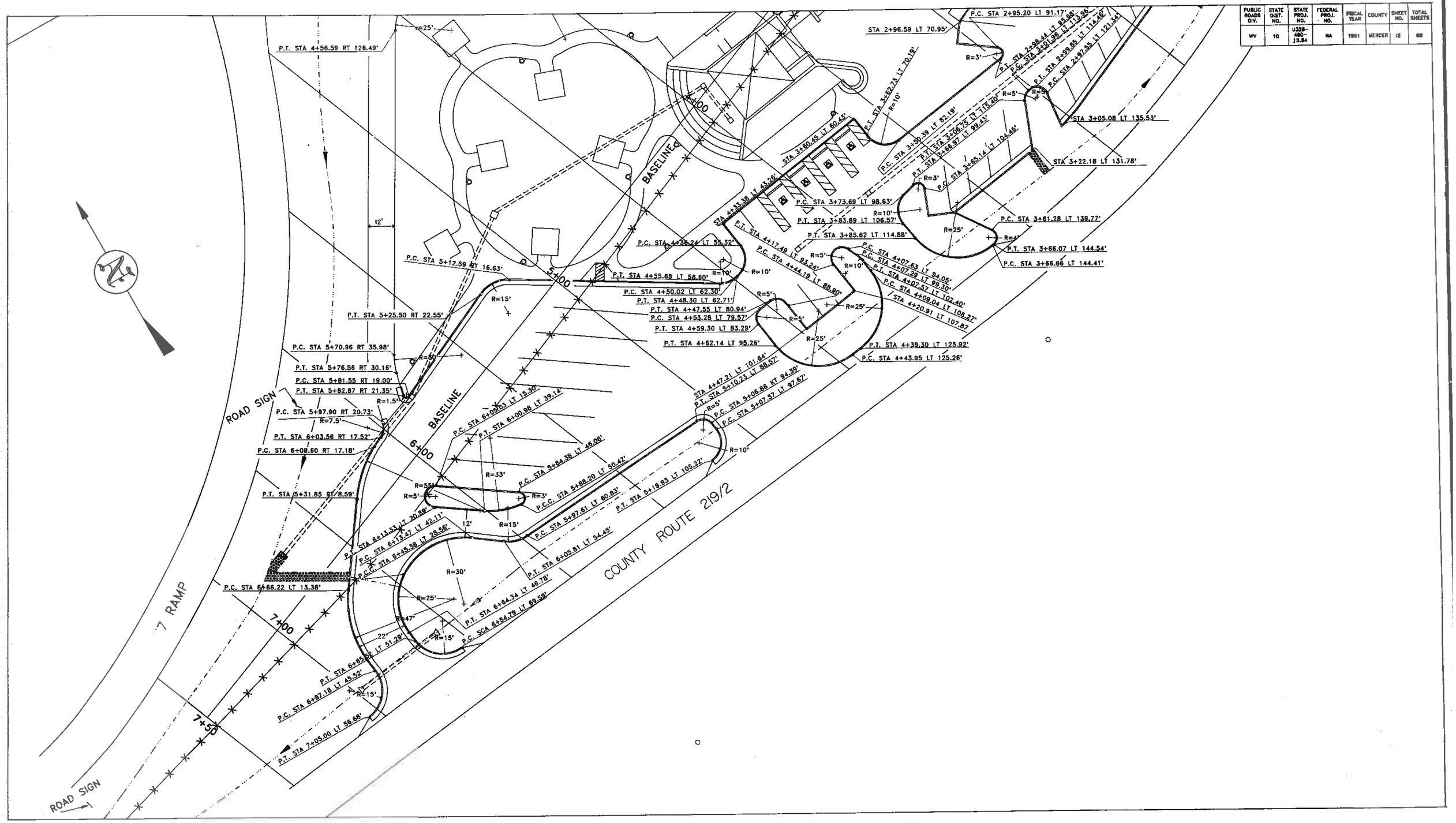
NO.	REVISIONS	DATE	BY

PLAN VIEW
PARKING AREA
PAVEMENT
LOCATION
INFORMATION

SHEET CE07
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR:
DWG NAME: CURVES
PENTREE PROJ. NO.
9006-001

PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-480-15.84	NA	1991	MERCER	12	68



CE07
CE08

MATCH SHEETS

LEGEND

20 10 0 20 40
SCALE IN FEET

Pentree Incorporated
Consulting Engineers ©
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

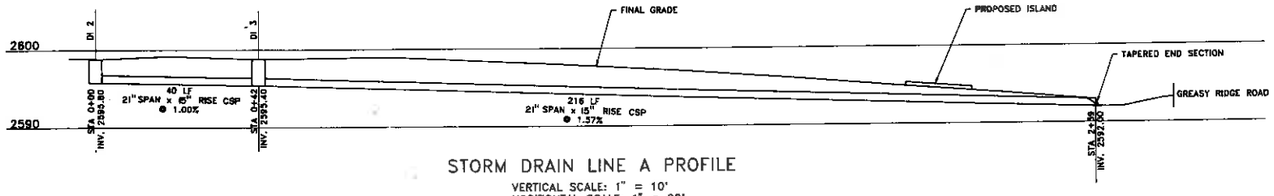
NO.	REVISIONS	DATE	BY

PLAN VIEW
PARKING AREA
PAVEMENT
LOCATION
INFORMATION

SHEET CE08
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: CURVES
PENTREE PROJ. NO.:
9006-001 B-00

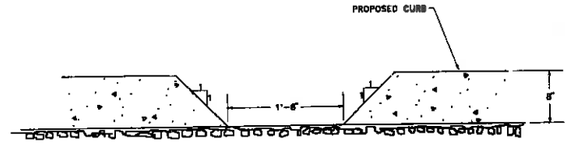
PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	13	68



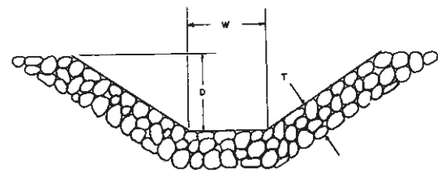
STORM DRAIN LINE A PROFILE

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 20'



SECTION E – E

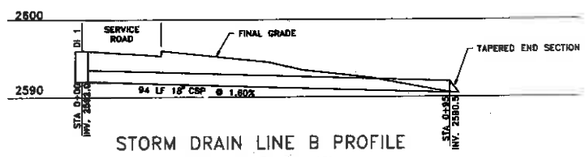
SCALE: 1" = 1'



SECTION C – C

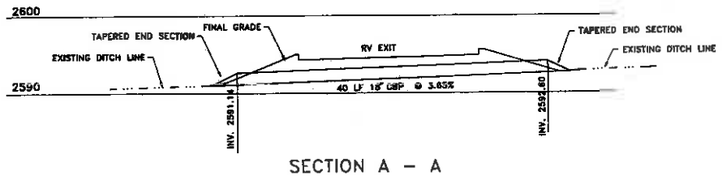
SCALE: 1" = 1'

WV STANDARD DETAIL MS7-A
DUMP ROCK GUTTER



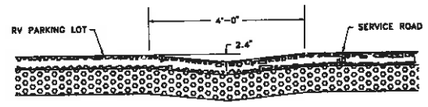
STORM DRAIN LINE B PROFILE

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 20'



SECTION A – A

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 10'



SECTION D – D

SCALE: 1/2" = 1'

SWALE DETAIL

LEGEND

SCALE: AS SHOWN

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PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

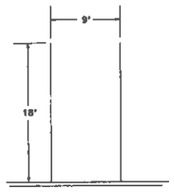
NO.	REVISIONS	DATE	BY

STORM DRAIN PIPE PROFILE AND MISC. DETAILS

SHEET CED9
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DWG: BOGGESS
DWG NAME: SECTION
PENTREE PROJ. NO.
9008-001 R-

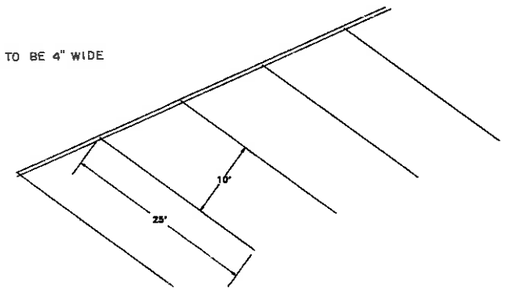
PENTREE, INC.

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	14	68

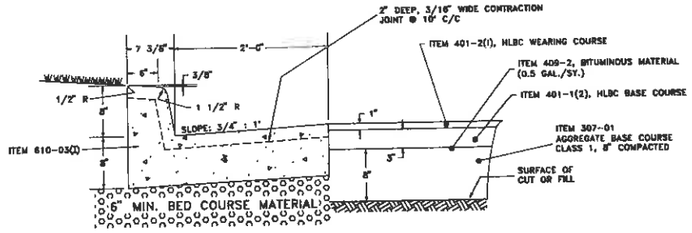


NOTE: ALL PARKING LINES TO BE 4" WIDE

TYPICAL STRAIGHT PARKING SPACE
NO SCALE



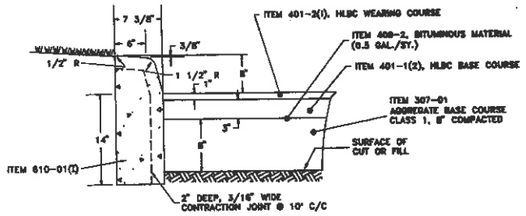
TYPICAL SKEWED PARKING SPACE
NO SCALE



SECTION G – G
NO SCALE

NOTE: FOR ADDITIONAL CURB DETAILS AND NOTES SEE STANDARD MPI-A.

PROPOSED PARKING LOT PAVING CROSS SECTION
NO SCALE



SECTION H – H
NO SCALE

NOTE: THE PAVEMENT DESIGN MIX ON THIS PROJECT WILL BE IN ACCORDANCE WITH MEDIUM TRAFFIC CATEGORY IN MP 401.02.22 TABLE 1

LEGEND

SCALE: AS SHOWN

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PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

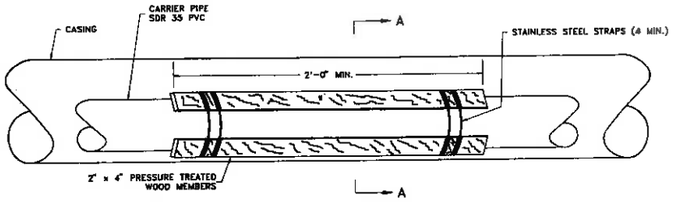
NO.	REVISIONS	DATE	BY

MISC. DETAILS

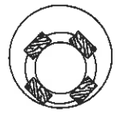
SHEET CE10
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGES
DWG NAME: DETAIL
PENTREE PROJ. NO
9006-001 B

PENTREE, INC

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	15	69

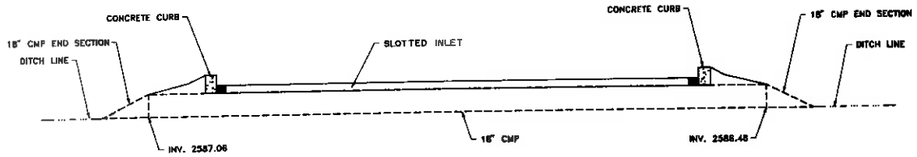


TYPICAL ROAD BORE PIPE THROUGH CASING

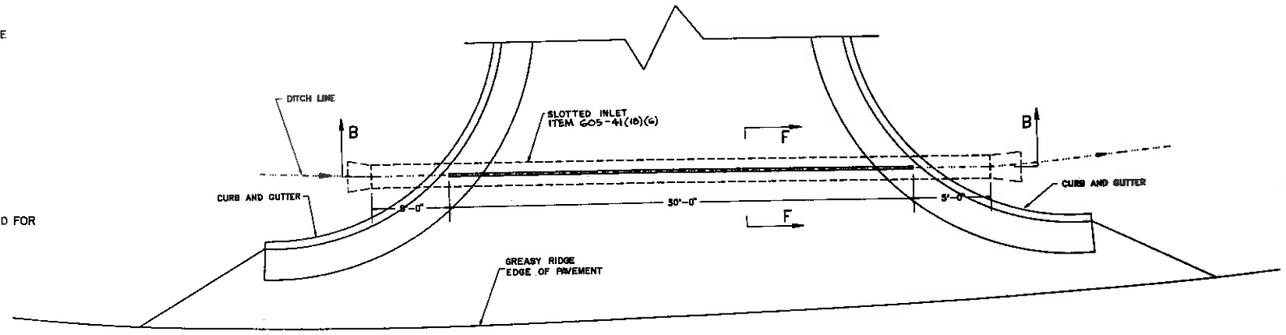


SECTION A – A

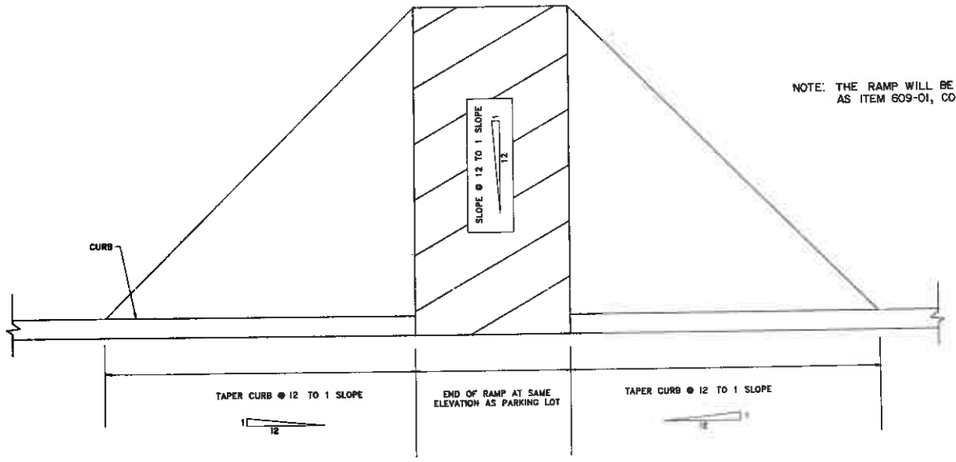
NOTES:
1. MINIMUM OF 1 SET OF WOOD MEMBERS PER JOINT OF PIPE.
2. DUCTILE IRON PIPE MAY BE SUBSTITUTED FOR PVC CARRIER PIPE
3. IF DIP IS USED FOR CARRIER PIPE, WOOD MEMBERS MAY BE OMITTED.
4. THE COST OF BORING OR JACKING IS TO BE INCLUDED IN UNIT BID PRICE OF CASING PIPE.



SECTION B – B
SCALE: 1" = 5'



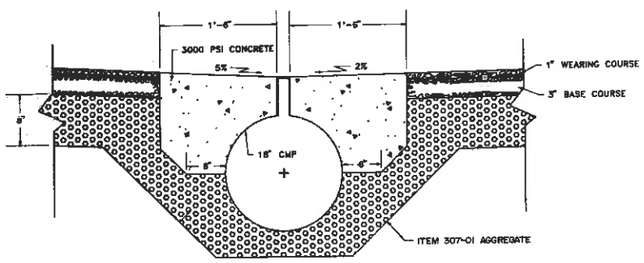
DETAIL A
SCALE: 1" = 5'



NOTE: THE RAMP WILL BE MEASURED AND PAID FOR AS ITEM 609-01, CONCRETE SIDEWALK.

DETAIL C
SCALE: 1/2" = 1'

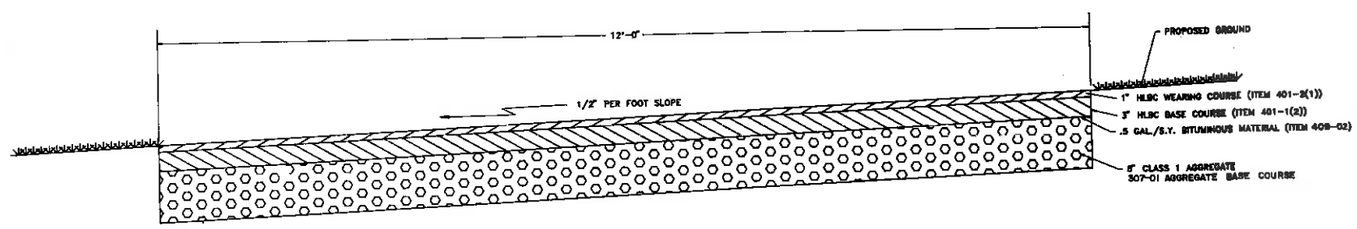
WHEELCHAIR RAMP



SECTION F – F
SCALE: 1" = 1'

SLOT INLET DETAIL

NOTES:
1. ALL OTHER DETAILS TO BE IN ACCORDANCE WITH STANDARD SHEET I-S.
2. COST OF CONCRETE IS TO BE INCIDENTAL TO THE UNIT BID PRICE FOR ITEM 605-41(18)(6), SLOT INLET.



SECTION I – I
SCALE: 1" = 1'

SERVICE ROAD

LEGEND

SCALE: AS SHOWN

Pentree Incorporated
Consulting Engineers ©
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

NO.	REVISIONS	DATE	BY

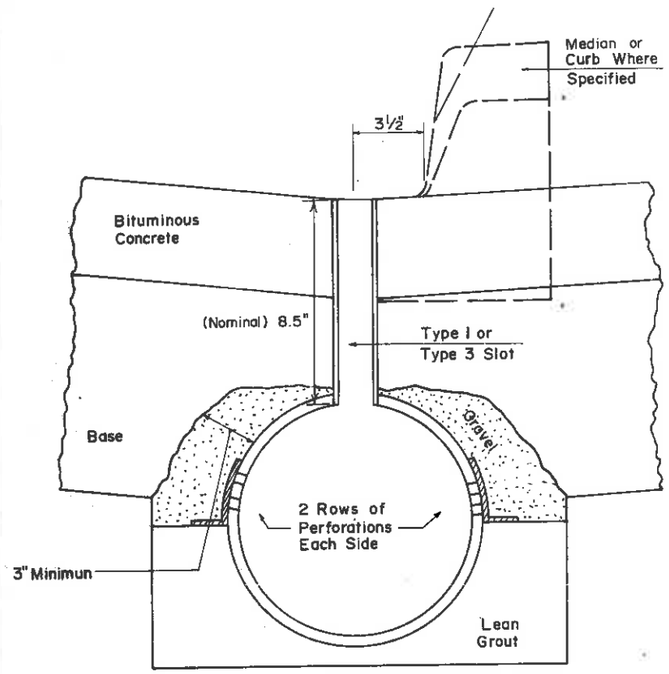
MISC. DETAILS #2

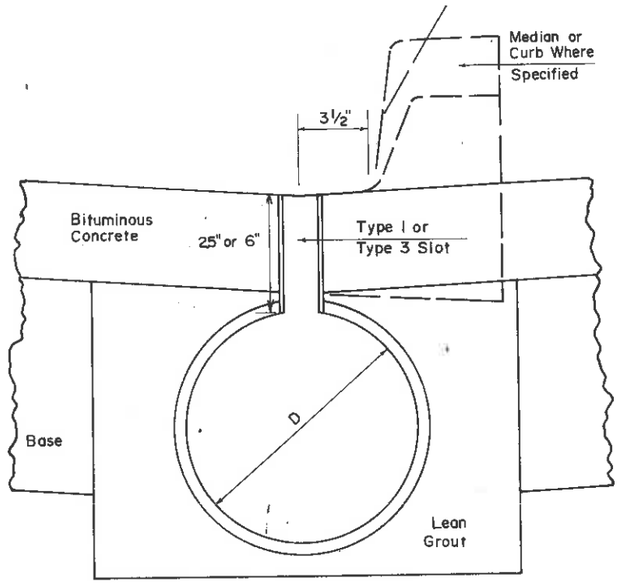
SHEET CE11
DATE:
DRAWN BY:
CHECKED BY:
APPROVED BY:
ACAD DIR: BOGGESS
DWG NAME: DETAILS
PENTREE PROJ. NO.
9006-001 B-5

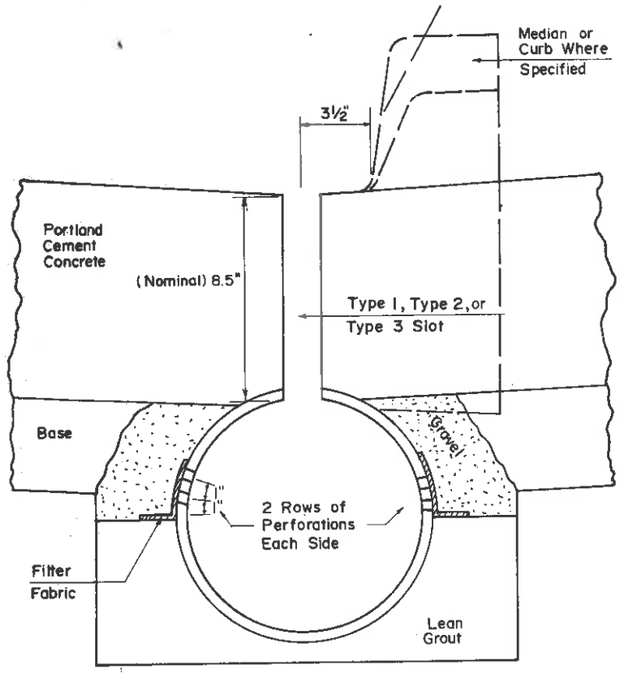
PENTREE, INC.

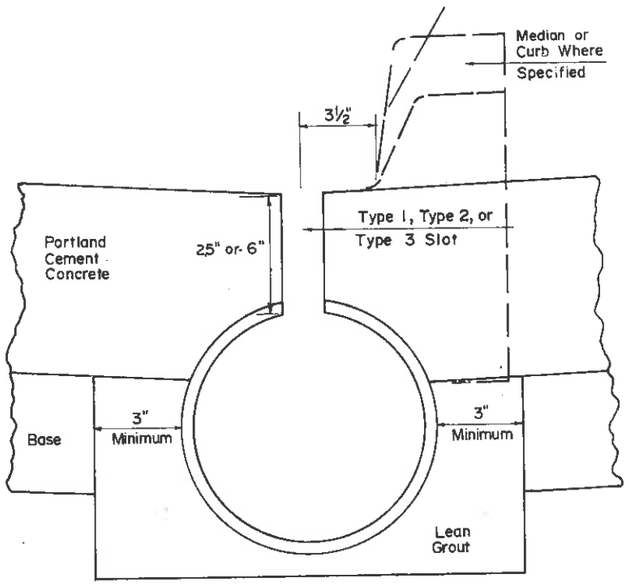
Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.
WV	10	U328-460-15.84	NA	1991	MERCER	15

TYPICAL INSTALLATIONS

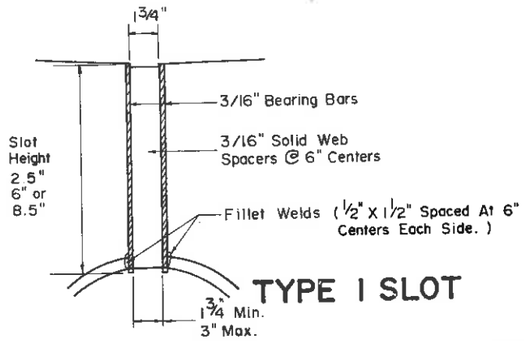






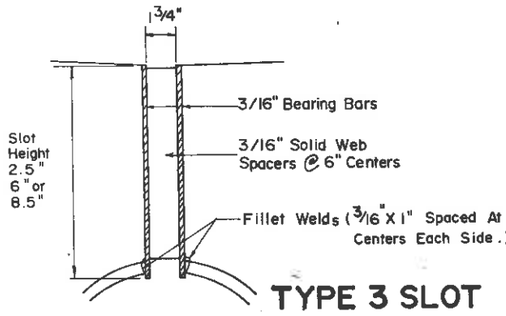


SLOT DETAILS



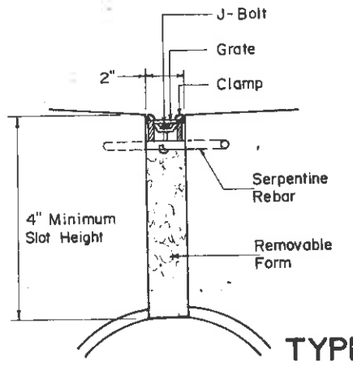
TYPE I SLOT

BEARING BARS AND SPACERS: These elements are to be 3/16" structural steel suitably welded to form the open slot and hot - dip galvanized as per ASTM A-123. Spacer may be vertical or tilted at approximately 30" from vertical. If the slot inlet is placed on a grade and adjacent to a curb or median, the inlet is to be installed to position tilted spacers to tilt upgrade toward the incoming gutter flow.



TYPE 3 SLOT

BEARING BARS AND SPACERS: These elements are to be 3 structural steel suitably welded to form the open slot and hot - galvanized as per ASTM A-123.



This slot not acceptable for use adjacent to bituminous concrete.

TYPE 2 SLOT

GRATE AND CLAMP: These parts are to be hot-dip galvanized mild carbon steel conforming to ASTM A569. Grating, measuring 3/4" deep by 1¾" wide, shall extend the full length of each pipe section slot.

REBARS: The rebar shall be serpentine bent to cross the slotted opening on 6" centers and shall be coated with 7 mils of fusion-bonded epoxy powder.

J-BOLT: The J-bolt shall be 5/16 inch diameter, plated, ASTM A 307 steel supplied with self-locking nuts.

REMOVABLE FORMS: Forms are to be cellular foam with a wood or plastic cap.

SLOT HEIGHT 4" minimum slot height acceptable where 2.5" slot height is specified.

NOTES

The Contractor may, at his option but subject to the lim as noted on this sheet and elsewhere on the plans, install 2, or 3 Slots or approved equals.

When specified on the plans, Type I and Type 3 Slots s include expanded steel mesh heel guards tack welded to the bars.

Gravel shall be omitted from the perforated slot inlet ins when free-draining base is specified and will be placed ag the inlet.

When slot heights of 8.5" are specified, the Type I and slots may be fabricated by stacking a 2.5" slot on top of slot. The assembly shall then be joined by minimum 3/16" X welds at 6" centers along each side of the horizontal joint. resultant slot height may be slightly less than 8½".

WEST VIRGINIA DEPARTMENT OF HIGHV

STANDARD DETAIL

SLOT INLET

PREPARED-10-4-88
REVISIONS

STANDARD SHEET I -

SHEET C

BRUNING 44.131 39984

PUBLIC ROADS DIV.	STATE DIST NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY
W. VA.	10	U328-460-16.84	NR.	1991	MERCER

B.M. 4590 A 60d Spike & Washer in Basal Root of an 8" Tree of Rosaceae Family (Cherry-Like), Approx. 20' N.W. of Multistemed 30" Oak in Center of Large Field. 500' Left ℄ Sta. 459+00
El. 2516.984

Sta. 2+78 Ramp "B" Lt. to Sta. 124+22 Rte 46
625 L.F. Guardrail

MATCH LINE A

GRID NORTH

N-131,500 E-1,984,500 N-132,000 E-1,985,000 N-131,000 E-1,984,500 N-130,500

227 LF 8" @ 0.67%
209 LF PVC
18 LF DIP
MH 11
117 LF 8" PVC @ 3.75%
MH 10
84 LF 8" PVC @ 4.31%
MH 9
3.72% ENCASED IN 16" STEEL PIPE
230 LF 8" PVC @ 3.72%
MH 8
280 LF 8" PVC @ 0.98%
MH 7
410 LF 8" PVC @ 3.81%
MH 6
300 LF 8" PVC @ 1.00%
MH 5

NOTE: A 10' WIDE PERMANENT RIGHT OF WAY EXISTS FOR ALL PROPOSED SEWER LINE NOT ON DOH R/W (5' ON EACH SIDE OF PIPE ℄)

Sta. 453+50 to Sta 463+75 Lt
Remove & Reset 1025 L.F. Guardrail
Reset With Blocks And 6'-3" Spacing

I.P. projects
R/W Fence
P.C. 7+39.32 Ramp "C"

R/W Fence
R.R. Spike in Culvert
Punch mark on Culvert Ends
P.T. 14+79.29 Ramp "C"

R/W Fence
I.P. Flush
End Guard post
P.T. 6+15.17 Ramp "D"

Sta. 463+75 T-77 Lt. to Sta. 110+25 Rte. 460 Rt.
1662.5 L.F. Guardrail

467+56
316' Lt.

Sta. 1+50
148 L.F.-48" C.M.P.

90 L.F. D.R. Gutter
W=4' D=1' T=2'

1-CW2-C Wingwall
Inv. Elev.

1-CW2-C Wingwall
Inv. Elev. 2533.50

P.C. Sta. 2+56.41

467+00
237' Lt.

1-CW2-C Wingwall
Inv. Elev. 2542.

Begin R/W Fence
Farm Field

168'-36" C.M.P.

Remove Existing Wingwalls

R/W Fence

32' D.R. Gutter
W=4' D=1' T=2'

1-CW2-C Wingwall
Inv. Elev. 2527.51

1-CW2-C Wingwall
Inv. Elev. 2552.00

24'-18" C.M.P.

P.T. Sta. 6+51.17

100' MATTING
W=8'

Ramp "B"

T.S. STA. 469+17.13

Existing Ramp Taper To Be Removed As Unclassified Excavation
Remove

16'-30" R.C.P.

Remove Exist. Wingwall

Remove & Reset Existing Guard Rail

STA. 467+83.72
BEGIN PAVING
MEET EXISTING PAV'T

C.M.P.

N47°-19'-16"E

100' MATTING
W=8'

1-TYPE G INLET
Gr. Elev. 2556.50
Inv. Elev. 2554.50

Existing Pavement between Sta. 467+83.72 and Sta. 470+83.72 to be removed.

Existing Ramp Taper To Be Removed As Unclassified Excavation

Remove Exist. Wingwalls

64'-18" C.M.P.

Remove Existing Wingwall

STA. 455+00 T-77

Remove

Existing Ditch

Sta. 455+37 - P.I.
Begin Penetration Macadam

Beg. Conc. S.
Sta. 460+00

16'-18" R.C.P.

28'-30" R.C.P.

Ramp "C"

1-CW2-C Wingwall
Inv. Elev. 2546.90

1-CW2-C Wingwall
Inv. Elev. 2552.00

1-CW2-C Wingwall
Inv. Elev. 2545.41

3G' D.R. Gutter
W=2' D=2' T=2'

Begin R/W Fence

48'-36" C.M.P.

Existing R/W Fence
Existing C.A. R/W

Existing D.R. Gutter

467+00
155' Rt.

P.C. Sta. 7+39.32

Farm Field R/W Fence
C.A. R/W

1-CW2-C Wingwall
Inv. Elev. 2546.46

P.C. 97+31.67

STA. 470+00 T-77

MATCH SHEET 15

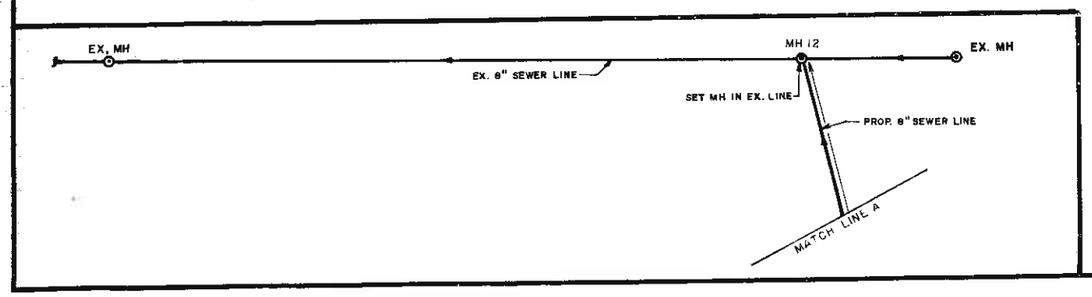
Greasy Ridge Road

Existing Rte. 219/2 (Gravel)

THIS SHEET FOR SEWER LINE CONSTRUCTION ONLY

Existing R/W

Prop. Appalachian Power Relocation



I-Beam Gk.
R.R. Spike in ℄ Road
Sta. 25+00.00 219/2

R/W fence
R.R. Spike in ℄ of Road
P.C. 97+31.67 219/2

LEGEND
SEWER LINE
MANHOLE

NO.	SHEET	DESCRIPTION	DATE	BY

REVISIONS

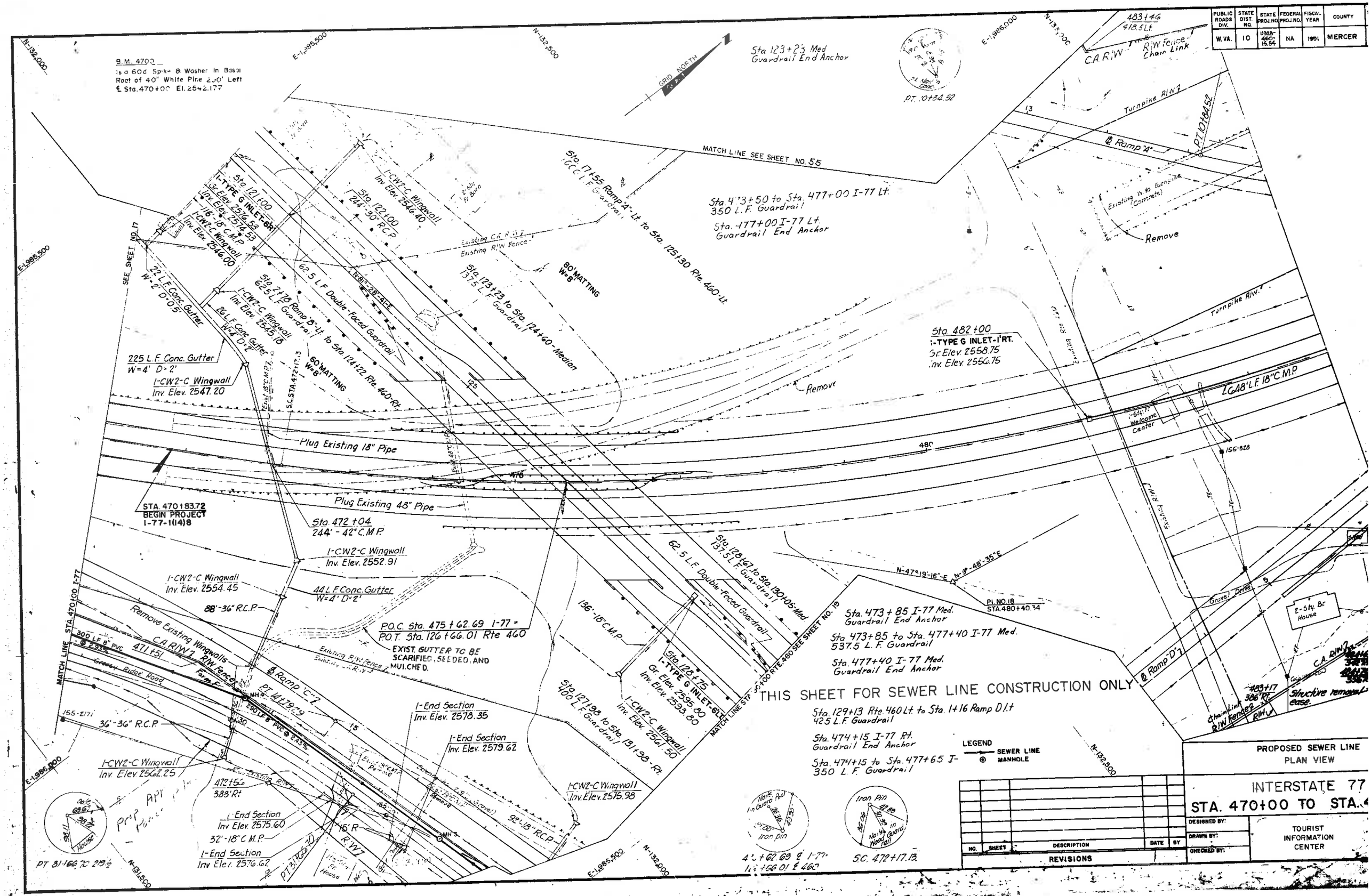
PROPOSED SEWER LINE
PLAN VIEW

INTERSTATE 77
STA. 455+00 TO STA.

DESIGNED BY:
DRAWN BY:
CHECKED BY:

TOURIST INFORMATION CENTER

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY
W. VA.	10	U318-460-15.84	NA	1991	MERCER



NO.	SHEET	DESCRIPTION	DATE	BY

REVISIONS

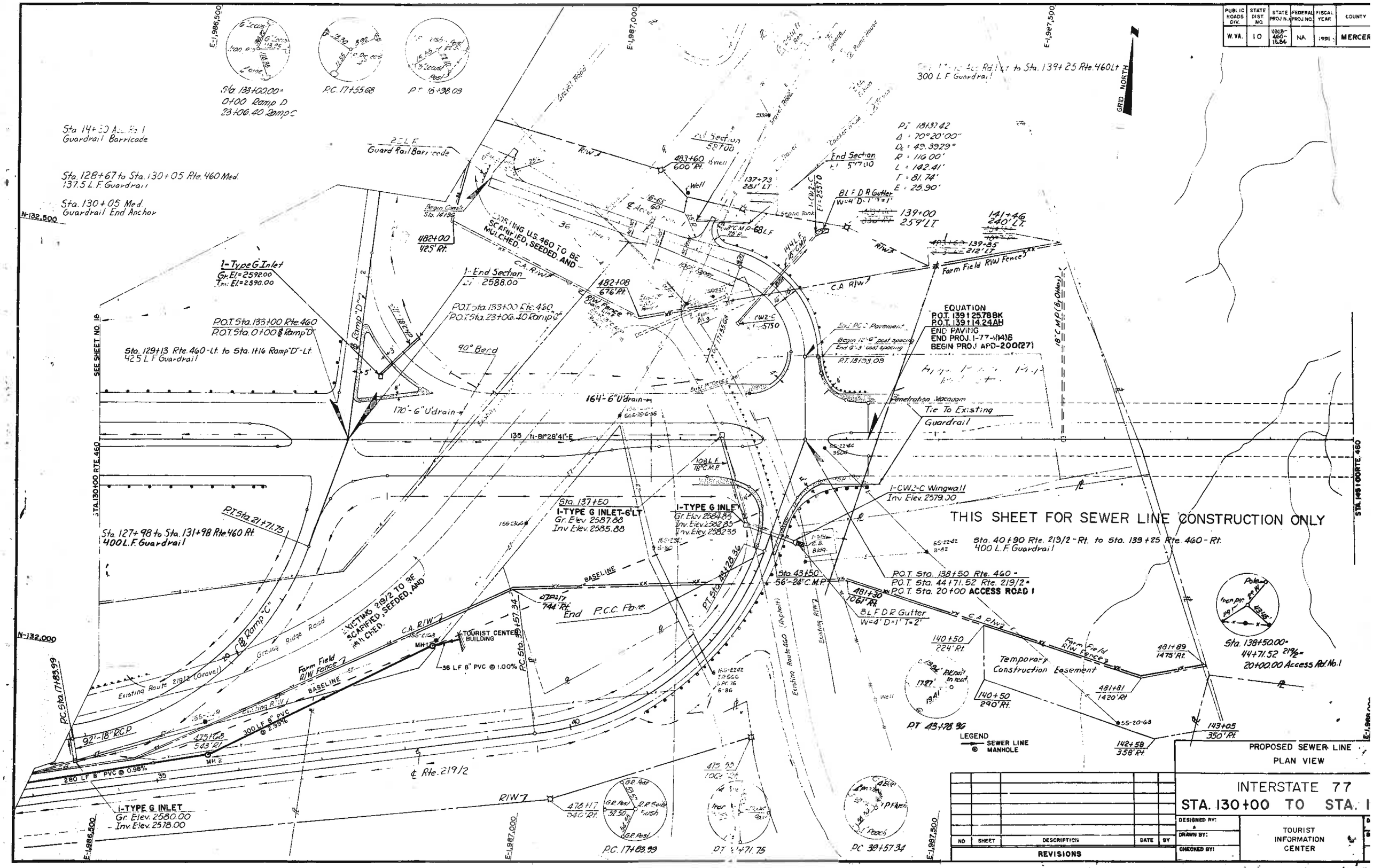
PROPOSED SEWER LINE
PLAN VIEW

INTERSTATE 77
STA. 470+00 TO STA. 4

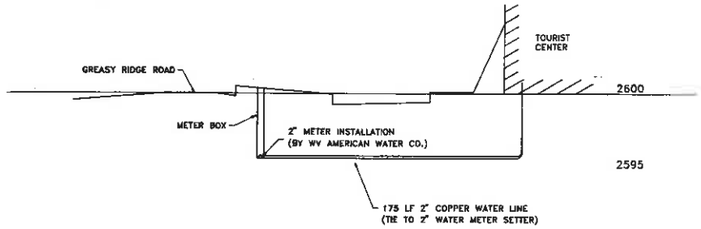
DESIGNED BY:
DRAWN BY:
CHECKED BY:

TOURIST INFORMATION CENTER

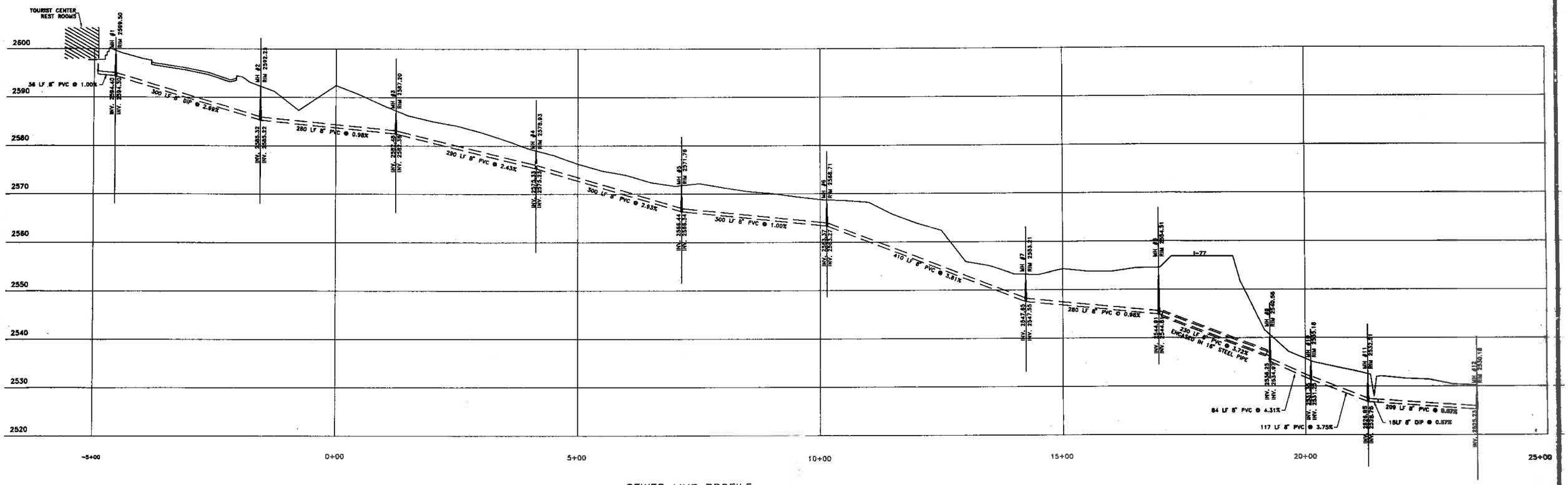
PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY
W. VA.	10	U328-460-15.84	NA	1981	MERCER



PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-450-13.84	NA	1991	MERCER	20	68



WATER LINE PROFILE
VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 30'



SEWER LINE PROFILE
VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 100'

LEGEND

SCALE: AS SHOWN

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Consulting Engineers ©
PRINCETON, WEST VIRGINIA

TOURIST INFORMATION CENTER
E.T. BOGGESS, A.I.A. ARCHITECT
PRINCETON, WV

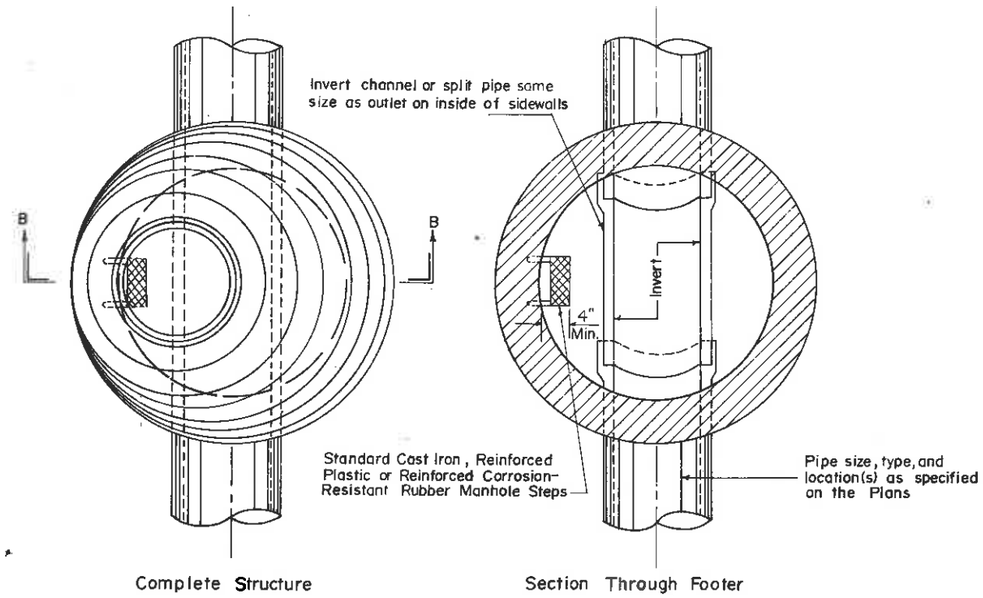
NO.	REVISIONS	DATE	BY

WATER LINE AND SEWER LINE PROFILES

SHEET	CE16
DATE:	
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	
ACAD DIR:	BOGGESS
DWG NAME:	UTILPRO
PENTREE PROJ. NO.:	
9006-001	3-004

PENTREE, INC. ©

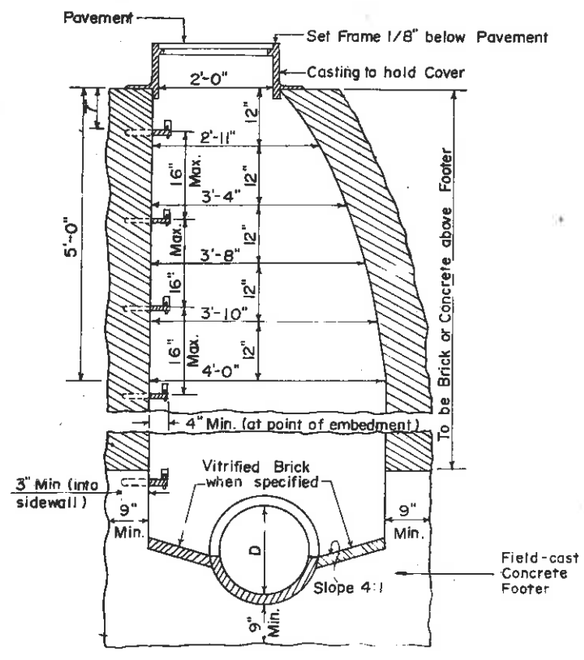
Public Roads Div.	State Dist. No	State Proj. No.	Federal Proj. No	Fiscal Year	County	Sheet No.
WV	10	U328-460-15.84	NA	1991	MERCER	21



Complete Structure

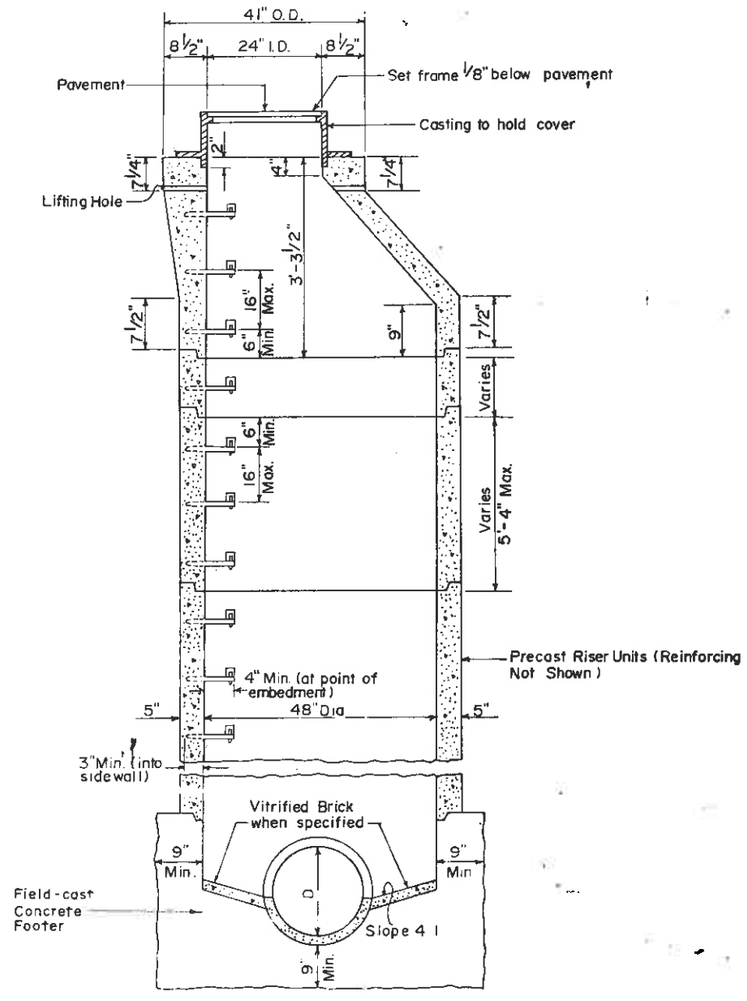
Section Through Footer

PLAN VIEWS



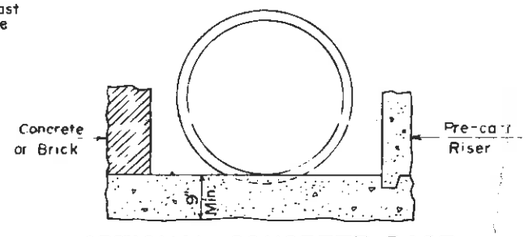
Section B-B

CAST-IN-PLACE OPTION



Section B-B

PRE-CAST OPTION



OPTIONAL CONCRETE BASE

FOR USE WITH STORM SEWERS ONLY

NOTES

Type A Manholes, when specified on the Plans, may b constructed in either method (cast-in-place or pre-cast option as shown hereon.

Steps, frames, and covers shall be as shown on Stand MH-X.

"Keyed" or "doweled" type construction joints, acceptable to the Engineer, may be used in the construction of concrete manholes.

If the cast-in-place manhole is over twelve feet (12') in depth, the sidewalls below that depth will be double thickne

Pipe at elevations other than shown may be joined to the manhole by cutting a hole the size of the connecting pip in the manhole, inserting the pipe the thickness of the manhol shell and closing all openings around the connecting pipe wit joint mortar.

Drawing shows pipe entering and leaving manhole in straight line. However, the pipes may enter or leave at an angle c place as called for or shown on the Plans.

Minimum height of bench wall above flowline of pipe is 25% of the diameter of the pipes.

The following additional notes are applicable for pre-cast ma

Manhole steps shall be placed into plastic concrete wall during manufacture or mortared into holes after the concrete has set.

Sidewall sections may be used in any combination t produce a manhole of desired depth, except the tapered to section shall be retained as shown.

The tapered top section shall be manufactured an meet the same requirements as the manhole's sidewalls, bu shall conform to the dimensions detailed herein.

Lifting holes in the tapered top section and the circumferential notches in the manhole cover are for handling purposes only.

The pre-cast sidewall units shall be set in joint mortar or sealed with O-ring gaskets.

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PRINCETON, WV

WEST VIRGINIA DEPARTMENT OF HIGHV

STANDARD DETAIL

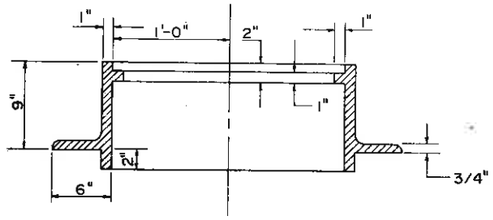
TYPE A MANHOLE

PREPARED-10-4-88

REVISIONS

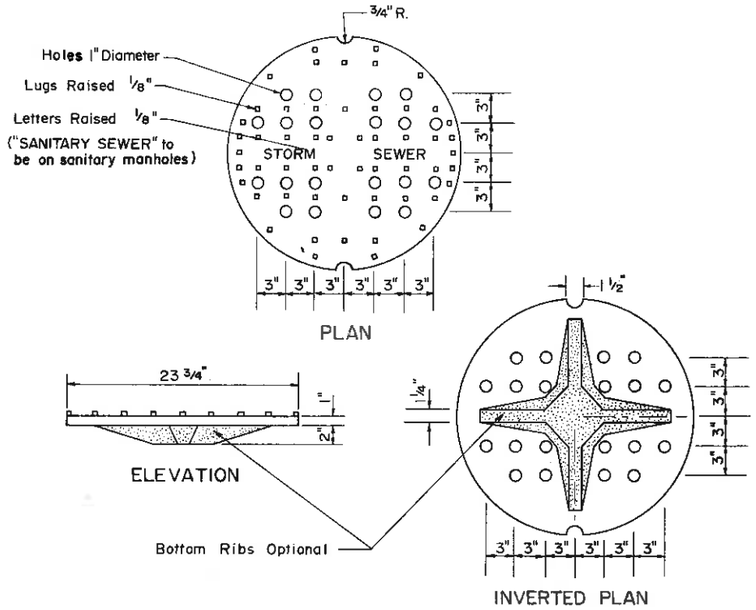
STANDARD SHEET MH

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sh
WV	10	U328-460-15.84	NA	1991	MERCER	2



SECTION

MANHOLE FRAME



PLAN

ELEVATION

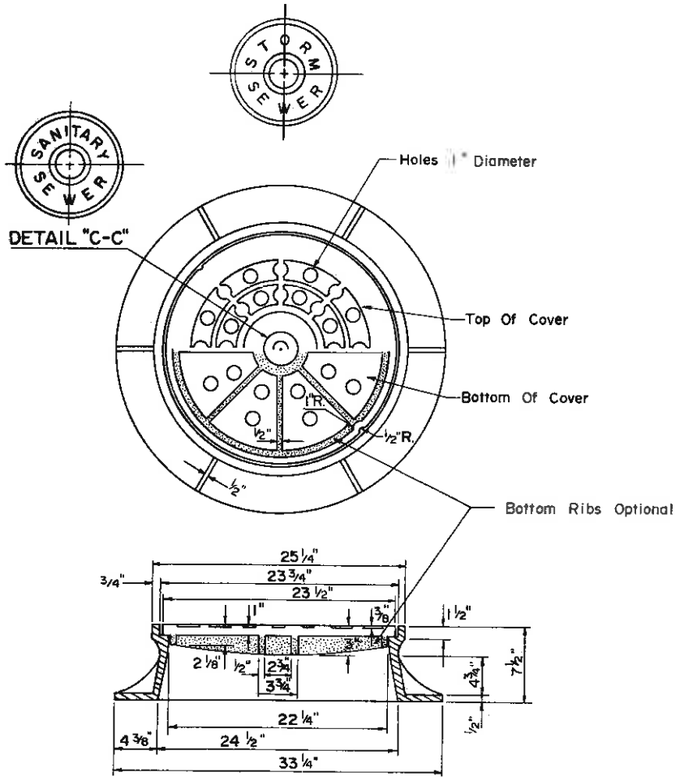
INVERTED PLAN

MANHOLE COVER

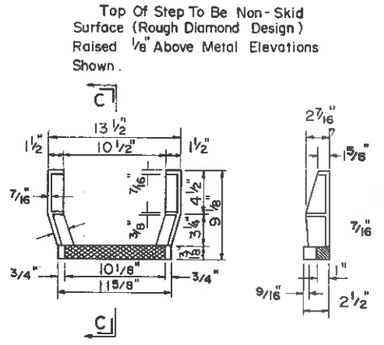
NOTES

Lettering on covers shall denote STORM SEWER or SA ITARY SEWER as applicable.

Bottom ribs, shown as shaded areas, may be deleted from manhole cover castings.



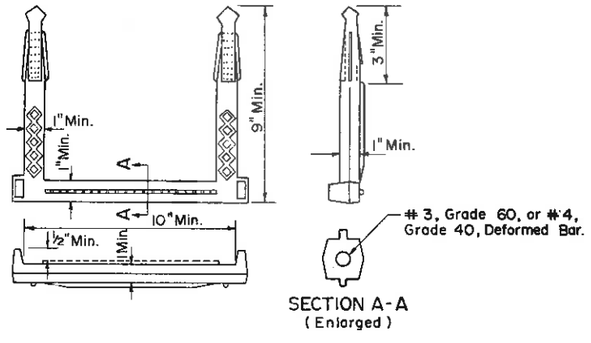
OPTIONAL FRAME AND COVER



PLAN

SECTION C-C

GRAY IRON STEP



SECTION A-A
(Enlarged)

REINFORCED PLASTIC AND REINFORCED CORROSION-RESISTANT RUBBER MANHOLE STEPS

(Details And Dimensions May Slightly Vary Among Manufacturers' Designs.)

TOURIST INFORMATION CENTER

E.T. BOGGESS, A.I.A. ARCHITECT

PRINCETON, WV

WEST VIRGINIA DEPARTMENT OF HIGHW

STANDARD DETAIL MANHOLE CASTINGS

PREPARED-10-4-88

REVISIONS

STANDARD SHEET M

CE18

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sh
W.VA.	10	U328 460 15.84		91	MERCER	2

L-1

SUMMARY OF QUANTITIES

ITEM NO.		DESCRIPTION	UNIT	QUANTITY		TOTAL
662-02(2)		GALVANIZED STEEL CONDUIT	LS			LS
662-06(10X10)		JUNCTION BOX.	EACH			4
662-07(250)		LUMINAIRE	EACH			3
662-08(2)		CABLE	LS			LS
662-10(40-12)I		LIGHTING SUPPORT, TYPE I	EACH			1
662-10(40-20)I		LIGHTING SUPPORT, TYPE I	EACH			2
662-14		INCIDENTAL ELECTRICAL WORK	LS			LS
662-15(2)		ELECTRICAL TEST	LS			LS
662-16		SYSTEM MODIFICATION	LS			LS

GOVERNING SPECIFICATIONS

A. The West Virginia Department of Highways Standard Specifications Roads and Bridges, adopted 1986, as amended by the West Virginia Department of Highways Supplemental Specifications, adopted January 1, 1991, the Contract Documents and the Contract Plans.

B. National Electrical Code, Standards of the National Board of Fire Underwriters and electric wiring and apparatus.

C. All applicable Standard Drawings for this project are included in West Virginia Department of Highways Standard Details Book, Volume II, Signing, Signals, Lighting and Marking, Issue date: April 2, 1985.

LIGHTING GENERAL NOTES

1. Pole positions shown on the plans shall not be changed except by the Authorization of the Traffic Engineering Division, Charleston.
2. All existing lighting shall remain in service for the duration of this project.
3. The contractor shall be responsible for sizing all wire in accordance with the load requirements. (Minimum No.8 AWG except for No.10 Pole and Bracket Cables).
4. The Luminaire ballast shall be rated at 240-volts.
5. Luminaire pole supports shall be truss type.
6. Ground mounted luminaire support bases shall be transformer type in accordance with Standard Detail TEL-18.
7. Where conduits are installed in shoulders or pavements, the area disturbed shall be replaced to the original design conditions as required in Section 662.6 of the Specifications.
8. Any conduit to be placed under existing pavement shall be done only by approved jacking or drilling methods. Open trench method through pavement will not be permitted.
9. The electrical power system for existing power service no. 2 is and shall be 120/240 volt, 2-wire w/ground, single phase 60 HZ. (as shown on top portion TEL 01)
10. All underground gas lines, water lines, etc. in the construction area shall be located and marked by the Contractor prior to placing any conduit. Cost of the work is to be included in the various items of work.
11. Photocells will be tested by Materials Control, Soils and Testing Division for compliance with Subsection 662.2.12.1 prior to being placed.
12. Color coding of electrical conductors by use of phase tape or field point is not acceptable on this project. Conductor must be manufacturer colored, striped or ridged marked as specified
13. The luminaire shall be classified as Medium/Semi Cutoff, Type II (Typical G.E. 35-177320) equipped with a 250 Watt HPS lamp.

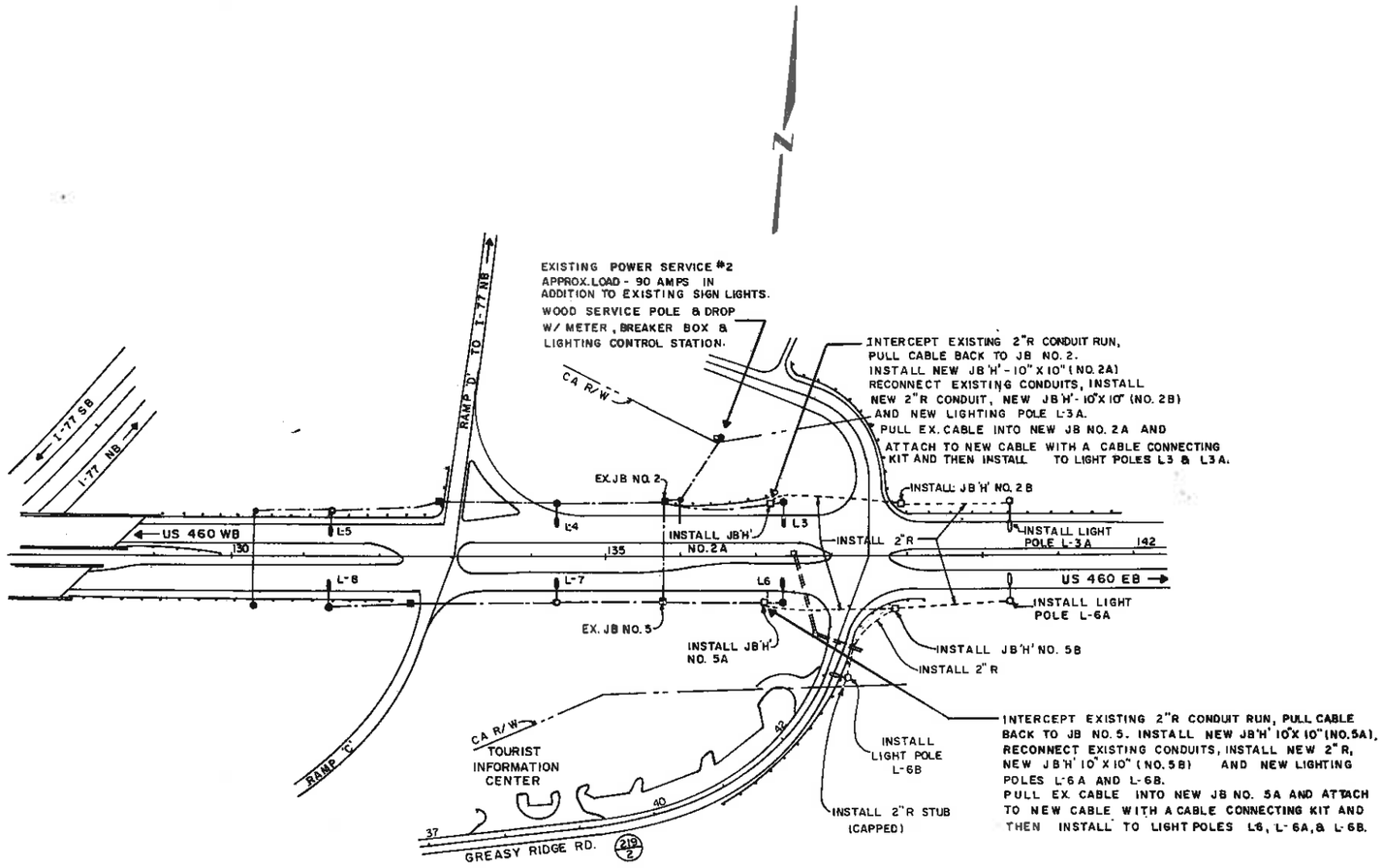
WEST VIRGINIA
DEPARTMENT OF HIGHWAY

TRAFFIC ENGINEERING DIVIS

SUMMARY OF QUANTI
FOR ROADWAY LIGH
LIGHTING NO
PRINCETON TOURIST INFORM

Federal Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.
WV	10	U328 460 15.84		91	MERCER	24

L-2



LEGEND

- LIGHTING POLE (EXISTING)
- LIGHTING POLE (PROPOSED)
- CONDUIT (EXISTING)
- CONDUIT (PROPOSED)
- JB'H' (
- JB'H' (P
- OVERH

LUMINAIRE SUPPORT DATA

POLE NO.	STA. NO.	OFFSET	ARM LENGTH	OVERHANG	NOM. MTG. HGT.	
L-3	137+35	15' L	20'	5'	40' ± 6"	EXISTING
L-4	134+35	10'L	22'	12'	40' ± 6"	EXISTING
L-5	131+35	15'L	20'	5'	40' ± 6"	EXISTING
L-6	137+35	15'R	20'	5'	40' ± 6"	EXISTING
L-7	134+35	15'R	20'	5'	40' ± 6"	EXISTING
L-8	131+35	17'R	22'	5'	40' ± 6"	EXISTING
L-3A	140+35	20'L	20'	0'	40' ± 6"	NEW
L-6A	140+35	15'R	20'	5'	40' ± 6"	NEW
L-6B	CR. 219/2+43+05	12' R	12'	0'	40' ± 6"	NEW

scale 0 100'

Revision Number	Sheet Number	Revision

WEST VIRGINIA DEPARTMENT OF
ROADWAY LIGHTING LA
TOURIST INFORMATION CE
I-77 / US 460 INTERCH
PRINCETON , MERCE

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.
W. VA.	10	4328 -460- 15.84		91	MERCER	25

S-1

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY UNIT	QUANTITY TOTAL
657-06 (W6x12)	A-441 SUPPORTS, GALVANIZED	L.F.	126
657-06 (W8x18)	A-441 SUPPORTS, GALVANIZED	L.F.	144
657-10	(3.00 LB) CHANNEL POSTS	L.F.	290
657-12	(4.00 LB BACK TO BACK) CHANNEL POSTS	L.F.	46
657-17	CLASS B CONCRETE FOOTING, REINFORCED, ROADSIDE	C.Y.	13.6
657-18	POST REMOVAL	EA.	10
661-01 (1)	(0.080), FLAT SHEET SIGNS	S.F.	144
661-01 (2)	(0.100), FLAT SHEET SIGNS	S.F.	64
661-02	EXTRUDED PANEL SIGNS	S.F.	1112
663-04-1 (II) W	EDGE LINE, WHITE	L.F.	1800
663-03-1 (II)	BARRIER LINE	L.F.	100
663-05 (II)	TYPE II, STOP LINE (24")	L.F.	100
663-07 (V) W	TYPE V, STRIPES, WHITE	L.F.	120
663-10 (V)	TYPE V, LANE ARROWS	EA.	8

SIGNING NOTES

SIGN SUPPORT SYMBOLS

- Sign on One Support
- Sign on Two Supports
- Signs, Back to Back on One Support
- Signs, Back to Back on Two Supports

GOVERNING SPECIFICATIONS

The West Virginia Department of Highways Standard Specifications Roads and Bridges, adopted 1986, as amended by the West Virginia Department of Highways Supplemental Specifications, Adopted January 1, 1991, the Contract Documents and the Contract Plans.

CONSTRUCTION LAYOUT STAKES

Construction Layout Stakes for signing will be incidental to the Contract amount bid and included in the unit costs for various signing items.

CORNERS

Corners of all sheet aluminum signs shall be rounded as shown on the plans; however, corners of aluminum sign panels (extruded or laminated) shall not be rounded.

BOLT TIGHTENING

A calibrated device acceptable to the Engineer shall be provided by the Contractor to insure the stipulated torque and/or tension that are set forth by the plans.

REFLECTIVE SHEETING

All background material for signs in this project shall be Reflective Sheeting, Type II. Type II Reflective Sheeting shall be required in this project on shields for guide signs. See Standard Detail TE12-1.

All sheeting used on this project must have successfully completed 3 years in the West Virginia Department of Highways 1985 Outdoor Reflective Sheeting Performance Testing Program.

DEMOUNTABLE COPY & BORDERS

Demountable copy and borders shall not be positioned on any sign face by means of tape or glue. All demountable copy and borders shall be attached to the sign face using approved rivets only.

Demountable copy in this project shall be PVF-2.

BREAKAWAY SIGN SUPPORTS

The substitution of A572, Grade 50 or A588 material for the A441 material required by the Specifications shall be allowed in this project.

PAVEMENT MARKING NOTES

1. All 4" solid white or solid yellow Edge Lines, Lane Lines, Centerlines Barrier Lines shall be Type II Pavement Marking Material.
2. Edge Lines shall be centered 6" from edge of ramp pavement or lane applicable.
3. All markings shall be continuous and consistent with existing marking they join.
4. No markings shall be placed on expansion joints on structures or on longitudinal construction joints unless so directed by the Engineer.

SUMMARY OF QUANTITIES

Public Roads Div	State Dist No	State Proj No	Federal Proj No	Fiscal Year	County	Sheet No	Total Sheets
W V	10	U328-460-15.84		91	MERCER	26	68

S-2

SIGNS ARE NOT SHOWN ON LAYOUT SHEETS. QUANTITIES FOR POST REMOVAL ONLY. STATIONS AND SIZES APPROX. ONLY.

Assembly Number	Sign Number	Sign Adequacy	Station	Future Station (If Sign Is Reused)	Offset From Edge Of Pavement (When Not Noted See TP3-1)	Signs Length	Signs Height	Flat Sheet 0.080 Sq Ft	Flat Sheet 0.100 Sq Ft	Flat Sheet 0.080 Overlay Sq Ft	Panel Sq Ft	Installation Of Reusable Signs 651-11	U-Channel 2.00 #/ft	U-Channel 3.00 #/ft	U-Channel 4.0 NB #/ft	U-Channel 6.0 BB #/ft	Post Removal 657.18	A-441 S3x5.7 LF	A-441 S4x7.7 LF	A-441 W6x12 LF	A-441 W8x18 LF	A-441 W10x22 LF	Reuse Existing Supports	Foundation Diameter Ft In	Foundation Depth Ft In	Foundation Class B Concrete Plain C Y	Foundation Class B Concrete Reinforced C Y
	LG-4	R&D	386+00 I-77 NB			13.0	10.0										V V										
	LG-4	R&D	143+25 I-77 SB			13.0	10.0										V V										
	DI-2	R&D	136+00 US 460 EB			15.0	4.0										V V										
	DI-2	R&D	141+00 US 460 WB			15.0	4.0										V V										
	AD1-1	R&D	148+00 US 460 WB			18.0	6.0										V V										
1	E1-5a		386+15 I-77 NB			7.5	2.0				15.0										16.5			2-6	5-6		1.0
	TI-1					20.5	6.0				123.0										17.0			2-6	5-6		1.0
2	E1-5a		428+00 I-77 NB			7.5	2.0				15.0		Mount on Existing Cantilever (See Sheet S-8)														
	TI-2A					20.5	8.0				164.0																
3	E1-5a		99+00 I-77 SB			7.5	2.0				15.0										18.5			2-6	5-6		1.0
	TI-2A					20.5	8.0				164.0										19.0			2-6	5-6		1.0
4	E1-5a		143+00 I-77 SB			7.5	2.0				15.0										16.5			2-6	5-6		1.0
	TI-1					20.5	6.0				123.0										17.0			2-6	5-6		1.0
5	D9-10		See Sheet S-5			2.0	2.0	4.0					Mount on Existing Support														
	M6-1RA					1.75	1.25	2.19																			
6	D9-10		See Sheet S-5			2.0	2.0	4.0					Mount on Existing Support														
	M6-1LA					1.75	1.25	2.19																			
7	TI-2		260+00 US 460 EB			16.5	6.0				99.0									16.0				2-6	4-0		0.7
																				16.5				2-6	4-0		0.7
8	D9-10		124+00 US 460 EB			2.5	2.5	6.25							16.0												
	M6-3A					2.33	1.75	4.08																			
9	D9-10		130+00 US 460 EB			2.5	2.5	6.25							16.0												
	M6-3A					2.33	1.75	4.08																			
10	AD1-1		136+00 US 460 EB			14.0	5.0				70.0									15.0				2-6	4-0		0.7
	T2-4					2.5	3.25	8.13												15.5				2-6	4-0		0.7
11	DI-1		138+00 US 460 WB			6.0	1.0		6.0					12.5													
	DI-1					6.0	1.0		6.0					13.0													
12	AD1-1		141+00 US 460 WB			14.0	5.0				70.0									15.0				2-6	4-0		0.7
	T2-4					2.5	3.25	8.13												15.5				2-6	4-0		0.7
13	AD2-1		148+00 US 460 WB			15.5	9.0				139.5										19.5			2-6	5-6		1.0
																					20.0			2-6	5-6		1.0
14	TI-2		198+00 US 460 WB			16.5	6.0				99.0									16.0				2-6	4-0		0.7
																				16.5				2-6	4-0		0.7
15	D9-10		See Sheet S-6			2.5	2.5	6.25						18.0													
	M6-1RA					2.33	1.75	4.08						18.5													
	T2-4					2.5	3.25	8.13																			
16	T2-3		See Sheet S-6			7.5	3.5		26.25					15.0													
														15.5													
														16.0													
17	R5-1a		See Sheet S-6			3.0	2.0		6.0					13.5													
18	R5-1a		See Sheet S-6			3.0	2.0		6.0					13.5													
19	R7-99		See Sheet S-6			1.0	1.5	1.5						12.5													
				Sub-Total S-2				69.26	50.25		1111.5			148.0	32.0		10			126.0	144.0						13.6

R&D - REMOVE AND DISCARD
R&S - REMOVE AND SAVE (REUSE)
▨ - EXISTING SIGN

Revision Number	Sheet Number	Revisions	Date	By

ESTIMATE OF QUANTITIES

Public Roads Div.	State Dist No	State Proj No	Federal Proj No	Fiscal Year	County	Sheet No.	Tot Sheets
W. V.	10	USBR -460- 15.84		91	MERCER	27	61

S-3

ASSEMBLY NUMBER	SIGN NUMBER	SIGN ADEQUACY	STATION	FUTURE STATION (IF SIGN IS REUSED)	OFFSET FROM EDGE OF PAVEMENT (WHEN NOT NOTED SEE TP3-1)	SIGNS LENGTH	SIGNS HEIGHT	SIGNS FLAT SHEET 0.080 Sq Ft	SIGNS FLAT SHEET 0.100 Sq Ft	SIGNS FLAT SHEET 0.080 OVERLAY Sq Ft	SIGNS PANEL Sq Ft	INSTALLATION OF REUSABLE SIGNS 661-11	SUPPORTS U-CHANNEL 2.00 #/ft	SUPPORTS U-CHANNEL 3.00 #/ft	SUPPORTS U-CHANNEL 4.0BB #/ft	SUPPORTS U-CHANNEL 6.0BB #/ft	SUPPORTS POST REMOVAL 657-18	SUPPORTS A-441 S3x57 LF	SUPPORTS A-441 S4x77 LF	SUPPORTS A-441 W6x12 LF	SUPPORTS A-441 W8x18 LF	SUPPORTS A-441 W10x22 LF	REUSE EXISTING SUPPORT(S)	FOUNDATION DIAMETER Ft In	FOUNDATION DEPTH Ft In	FOUNDATION CLASS B CONCRETE PLAIN C.Y.	FOUNDATION CLASS B CONCRETE REINFORCED C.Y.
20	M4-5A		SEE SHEET S-6			2.0	1.0	2.0						16.0													
	M1-1(77)					2.0	2.0	4.0						16.5													
	M6-1LA					1.75	1.25	2.19																			
	M4-5					2.0	1.0	2.0																			
	M1-4(460)					2.5	2.0	5.0																			
	M6-1L					1.75	1.25	2.19																			
21	R1-1		SEE SHEET S-6			2.5	2.5	6.25						14.0													
22	T2-2		SEE SHEET S-6			5.5	2.5		13.75					17.0													
	T2-4					2.5	3.25	8.13						17.5													
23	R1-1		SEE SHEET S-6			2.5	2.5	6.25						14.0													
24	R5-1		SEE SHEET S-6			2.5	2.5	6.25						14.0													
25	M4-5A		SEE SHEET S-6			2.0	1.0	2.0						16.0													
	M1-1(77)					2.0	2.0	4.0						16.5													
	M6-1LA					1.75	1.25	2.19																			
	M4-5					2.0	1.0	2.0																			
	M1-4(460)					2.5	2.0	5.0																			
	M6-1L					1.75	1.25	2.19																			
26	R1-1		SEE SHEET S-6			2.5	2.5	6.25							14.0												
	R5-1					2.5	2.5	6.25																			
				SUB-TOTAL S-3				74.14	13.75		—			141.5	14.0		—			—	—						—
				SUB-TOTAL S-2				69.26	50.25		1111.5			148.0	32.0		10			126.0	144.0						13.6
				TOTAL				143.4	64.0		1111.5			289.5	46.0		10			126.0	144.0						13.6

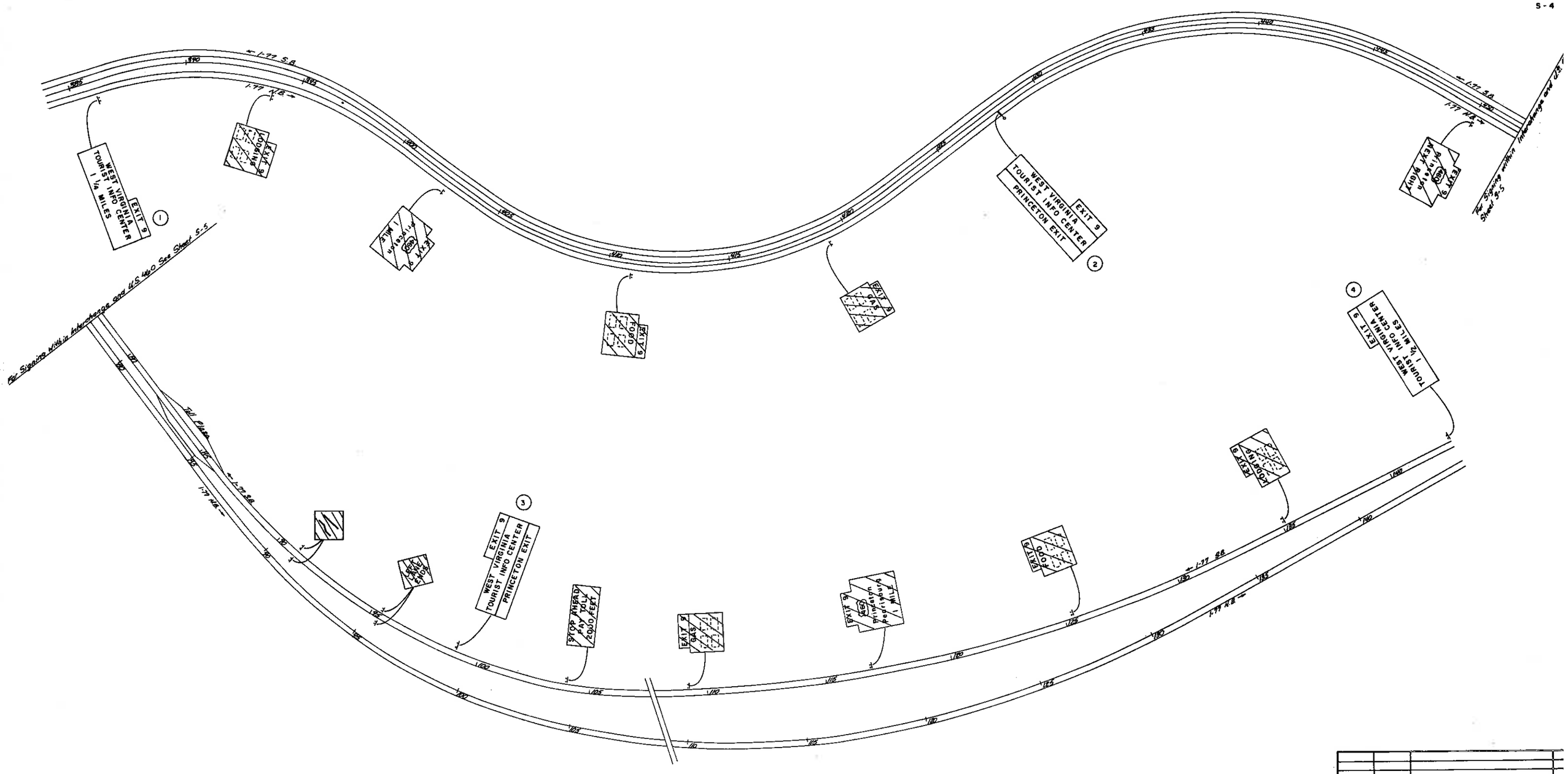
R&D - REMOVE AND DISCARD
R&S - REMOVE AND SAVE (REUSE)
▨ - EXISTING SIGN

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

ESTIMATE OF QUANTITIES

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
WV	10	U888-460-15.84		91	Mercer	27A	68

S-4



/// - EXISTING SIGN

Revision Number	Sheet Number	Revision	Date

WEST VIRGINIA DEPARTMENT OF HIG

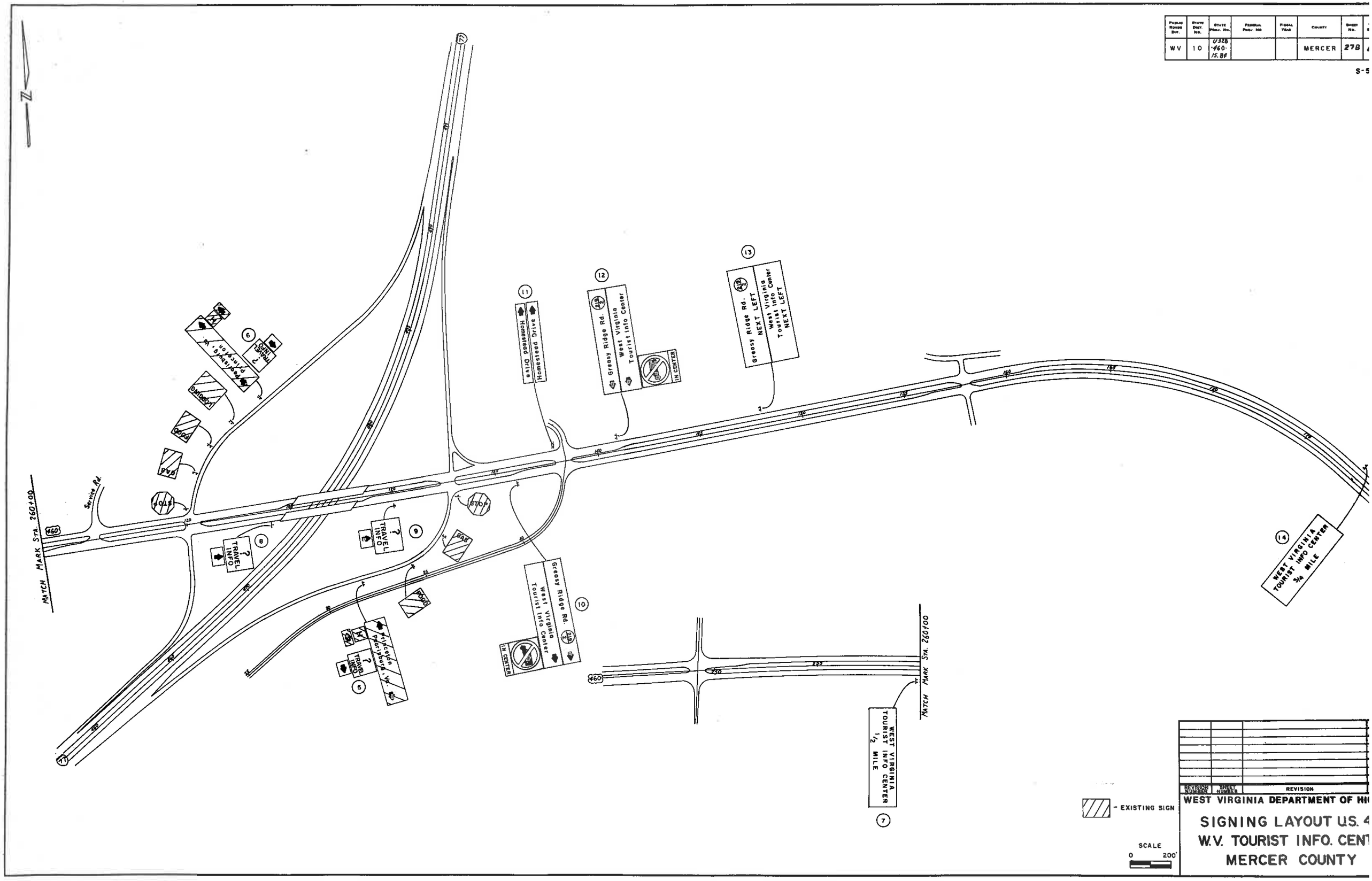
SIGNING LAYOUT I-77

W.V. TOURIST INFO CENTI

MERCER COUNTY

Public Roads Dist.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.
WV	10	U328 460-15.84			MERCER	278

S-5



Revision Number	Sheet Number	Revision

WEST VIRGINIA DEPARTMENT OF HI

SIGNING LAYOUT U.S. 4
W.V. TOURIST INFO. CENT
MERCER COUNTY

Public Roads Div.	State Dist. No.	State Proj. No.	Federal Proj. No.	Fiscal Year	County	Sheet No.	Total Sheets
WV	10	U328-460-15.84		91	Mercer	27C	61

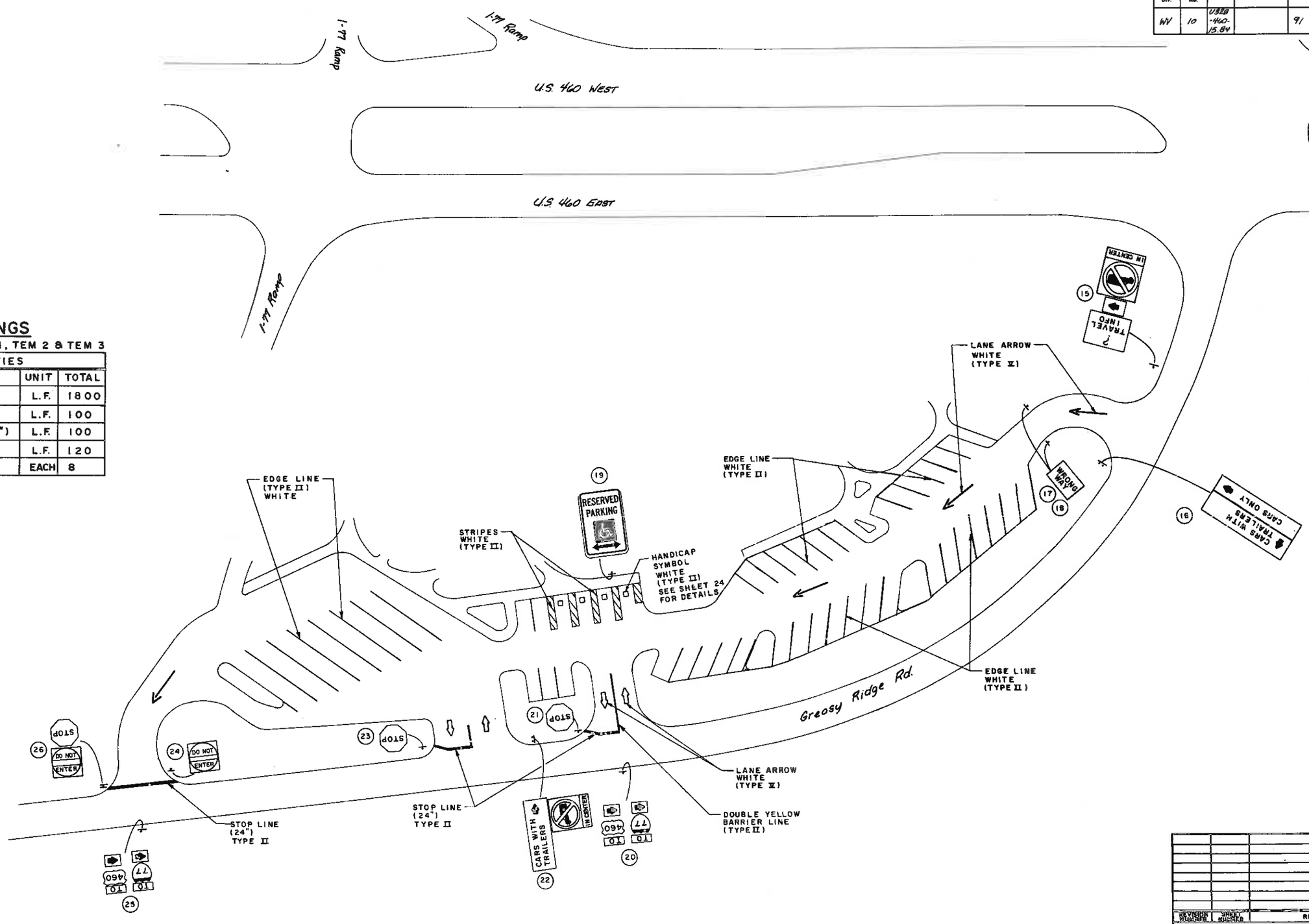
S-6

PAVEMENT MARKINGS

FOR DETAILS SEE STANDARDS TEM 1, TEM 2 & TEM 3

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL
663-01-1(II)W	EDGE LINE, WHITE	L.F.	1800
663-03-1(II)	BARRIER LINE	L.F.	100
663-05(II)	TYPE II, STOP LINE (24")	L.F.	100
663-07(II)W	TYPE II, STRIPES, WHITE	L.F.	120
663-10(V)	TYPE V, LANE ARROWS	EACH	8



Scale 0 30'

Revision Number	Sheet Number	Revision	Date

WEST VIRGINIA DEPARTMENT OF HIG

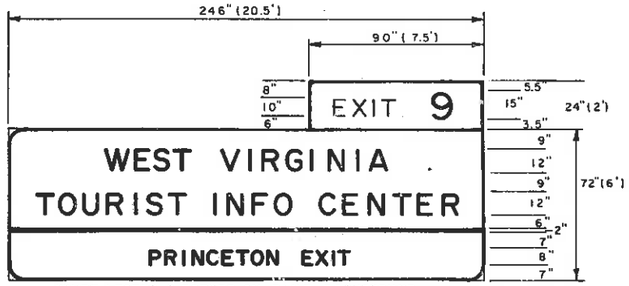
SIGNING LAYOUT

W.V. TOURIST INFO CENT

MERCER COUNTY

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.
WV	10	U328-460-15.84		91	MERCER	28

TI-2A (2) (3)



WHITE LEGEND & BORDER ON BLUE BACKGROUND
2" BORDER 12" BORDER RADIUS

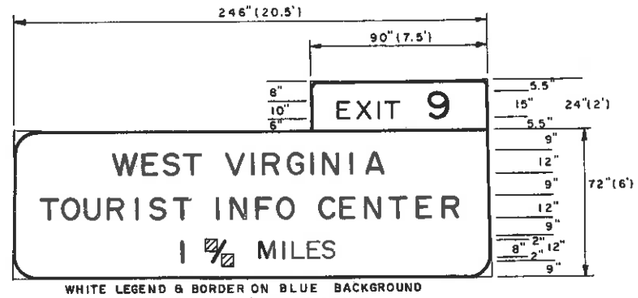
12.0
9.2 - E
11.0 - X
5.4 - I
6.8 - T
17.0
11.5 - 9
17.1
90.0"

49.5
16.4 - W
11.5 - E
11.5 - S
8.4 - T
12.0
13.9 - V
7.9 - I
12.1 - R
13.6 - G
7.9 - I
14.6 - N
6.6 - I
10.5 - A
49.6
246.0"

12.6
11.0 - T
14.2 - O
14.6 - U
13.4 - R
6.8 - I
11.5 - S
8.4 - T
12.0
7.9 - I
14.6 - N
11.0 - F
10.0 - O
12 0
13.4 - C
12.8 - E
13.1 - N
12.2 - T
12.8 - E
9.1 - R
12.6
246.0"

71.2
8.6 - P
8.6 - R
5.4 - I
8.6 - N
8.8 - C
7.4 - E
7.2 - T
8.9 - O
5.9 - N
8.0
7.5 - E
9.0 - X
4.2 - I
5.5 - T
71.2
246.0"

TI-1 (1) (4)



WHITE LEGEND & BORDER ON BLUE BACKGROUND
2" BORDER 9" BORDER RADIUS

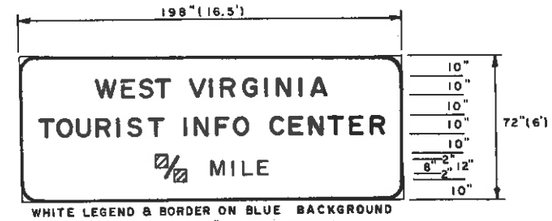
12.0
9.2 - E
11.0 - X
5.4 - I
6.8 - T
17.0
11.5 - 9
17.1
90.0"

49.5
16.4 - W
11.5 - E
11.5 - S
8.4 - T
12.0
13.9 - V
7.9 - I
12.1 - R
13.6 - G
7.9 - I
14.6 - N
6.6 - I
10.5 - A
49.6
246.0"

12.6
11.0 - T
14.2 - O
14.6 - U
13.4 - R
6.8 - I
11.5 - S
8.4 - T
12.0
7.9 - I
14.6 - N
11.0 - F
10.0 - O
12.0
13.4 - C
12.8 - E
13.1 - N
12.2 - T
12.8 - E
9.1 - R
12.6
246.0"

84.3
4.0 - I
8.0
16.0 - 1/4 (1) or 1/2 (4)
12.0
10.4 - M
5.4 - I
8.0 - L
7.6 - E
5.9 - S
84.4
246.0"

TI-2 (7) (14)



WHITE LEGEND & BORDER ON BLUE BACKGROUND
2" BORDER 9" BORDER RADIUS

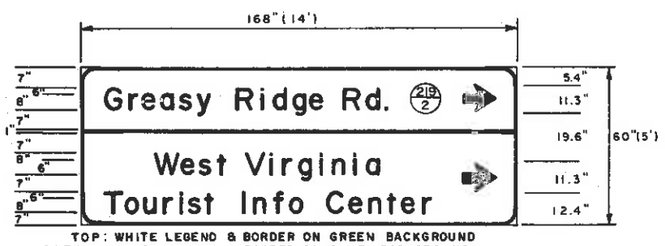
38.8
12.8 - W
9.4 - E
9.4 - S
6.8 - T
10.0
11.5 - V
6.6 - I
9.9 - R
11.0 - G
6.6 - I
11.9 - N
5.5 - I
9.0 - A
38.8
198.0"

9.2
9.0 - T
11.1 - O
11.9 - U
10.9 - R
5.6 - I
9.4 - S
6.8 - T
10.0
6.6 - I
11.9 - N
9.0 - F
7.6 - O
10.0
11.0 - C
10.4 - E
10.6 - N
10.0 - T
10.4 - E
7.4 - R
9.2
198.0"

(7)
70.3
16.0 - 1/2
12.0
10.4 - M
5.4 - I
8.0 - L
5.5 - E
70.3
198.0"

(14)
68.3
20.0 - 3/4
12.0
10.4 - M
5.4 - I
8.0 - L
5.5 - E
68.4
198.0"

ADI-1 (10)



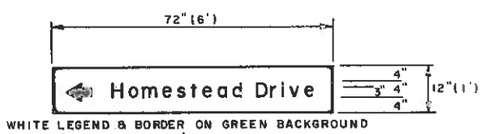
TOP: WHITE LEGEND & BORDER ON GREEN BACKGROUND
BOTTOM: WHITE LEGEND & BORDER ON BLUE BACKGROUND
1" BORDER 6" BORDER RADIUS

8.5
9.1 - G
5.8 - r
7.0 - e
7.4 - a
6.9 - s
6.4 - y
9.0
9.2 - R
4.0 - I
7.5 - d
7.5 - g
5.1 - e
9.0
8.6 - R
5.1 - d
1.3
1.3 - .
8.0
12.0 - SHIELD
8.0
12.8 - ARROW
8.5
168.0"

27.9
10.5 - W
6.9 - e
6.8 - s
3.8 - t
9.0
9.9 - V
4.6 - I
5.8 - r
8.1 - g
4.6 - i
8.1 - n
4.0 - i
5.1 - a
52.9
168.0"

8.5
7.8 - T
7.5 - o
8.1 - u
6.4 - r
3.9 - i
6.8 - s
3.8 - t
9.0
5.0 - I
7.4 - n
5.5 - f
5.1 - o
9.0
8.4 - C
7.6 - e
7.4 - n
5.6 - t
7.6 - s
4.1 - r
12.2
12.8 - ARROW
8.5
168.0"

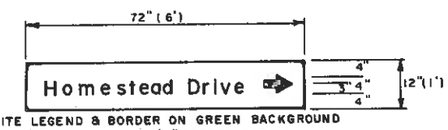
DI-1 (11)



WHITE LEGEND & BORDER ON GREEN BACKGROUND
1/2" BORDER 1 1/2" BORDER RADIUS

3.9
6.4 - ARROW
4.0
4.7 - H
3.7 - o
5.5 - m
3.4 - e
3.4 - s
2.8 - t
3.5 - e
3.7 - a
2.5 - d
4.5
4.5 - D
3.2 - r
1.9 - i
4.0 - v
2.5 - e
3.9
72.0"

DI-1 (11)



WHITE LEGEND & BORDER ON GREEN BACKGROUND
1/2" BORDER 1 1/2" BORDER RADIUS

3.9
4.7 - H
3.7 - o
5.5 - m
3.4 - e
3.4 - s
2.8 - t
3.5 - e
3.7 - a
2.5 - d
4.5
4.5 - D
3.2 - r
1.9 - i
4.0 - v
2.5 - e
4.0
6.4 - ARROW
3.9
72.0"

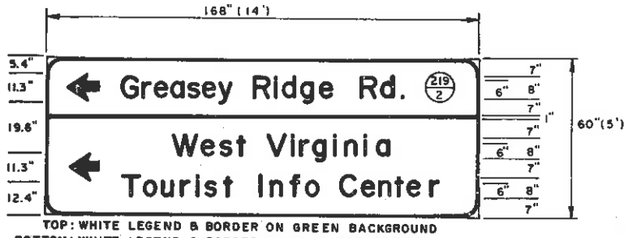
REVISION NUMBER	SHEET NUMBER	REVISION

WEST VIRGINIA DEPARTMENT OF

SIGN FABRICATION DETAILS

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJ. NO.	FEDERAL PROJ. NO.	FISCAL YEAR	COUNTY	SHEET NO.
WV	10	U328-460-15.84		91	MERCER	24

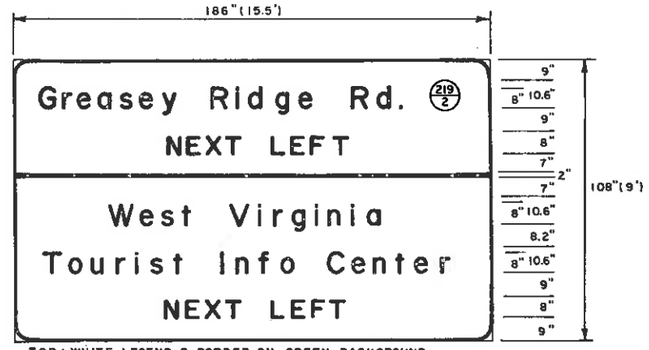
AD1-1 (12)



TOP: WHITE LEGEND & BORDER ON GREEN BACKGROUND
BOTTOM: WHITE LEGEND & BORDER ON BLUE BACKGROUND

8.5	48.7	8.5
12.8 - ARROW	10.5 - W	12.8 - ARROW
8.0	6.9 - e	8.0
9.1 - G	6.8 - s	7.8 - T
5.8 - r	3.8 - t	7.5 - e
7.0 - e	9.0	8.1 - u
7.4 - e	9.9 - V	6.4 - r
6.9 - s	4.6 - i	3.9 - i
6.4 - y	5.8 - r	6.8 - s
9.0	8.1 - g	3.8 - t
9.2 - R	4.6 - i	9.0
4.0 - i	8.1 - n	5.0 - i
7.5 - d	4.6 - i	7.4 - n
7.5 - g	8.1 - n	5.5 - f
5.1 - e	4.0 - i	5.1 - o
9.0	5.1 - a	9.0
8.6 - R	32.1	8.4 - C
5.1 - d	168.0"	7.6 - e
1.3		7.4 - n
1.3 - .		5.6 - t
8.0		7.6 - e
12.0 - SHIELD		4.1 - r
8.5		12.7
168.0"		168.0"

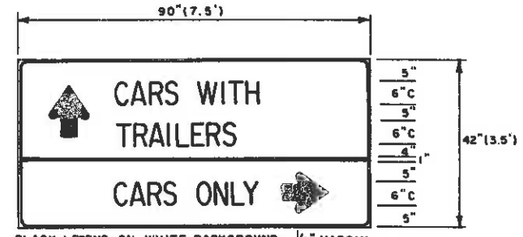
AD2-1 (13)



TOP: WHITE LEGEND & BORDER ON GREEN BACKGROUND
BOTTOM: WHITE LEGEND & BORDER ON BLUE BACKGROUND

9.8	57.3	36.4	10.1	57.3
11.1 - G	9.5 - N	12.2 - W	9.4 - T	9.5 - N
7.5 - r	7.5 - E	9.1 - e	10.1 - o	7.5 - E
9.4 - e	7.9 - X	8.9 - s	10.9 - u	7.9 - X
9.9 - a	5.5 - T	5.0 - t	8.5 - r	5.5 - T
9.1 - s	12.0	12.0	5.1 - i	12.0
8.5 - y	8.0 - L	11.8 - V	8.9 - s	8.0 - L
12.0	8.4 - E	6.2 - i	5.0 - t	8.4 - E
11.0 - R	7.0 - F	7.5 - r	12.0	7.0 - F
5.4 - i	5.5 - T	11.0 - g	6.5 - 1	5.5 - T
10.1 - d	57.4	6.2 - i	9.8 - n	57.4
10.1 - g	186.0"	10.9 - n	7.4 - f	186.0"
6.9 - e		5.4 - i	6.9 - a	
12.0		6.9 - a	12.0	
10.0 - R		36.5	10.2 - C	
6.9 - d		186.0"	10.2 - e	
1.9			9.8 - n	
1.9 - .			7.4 - t	
10.6			10.2 - e	
12.0 - SHIELD			5.5 - r	
9.9			10.1	
186.0"			186.0"	

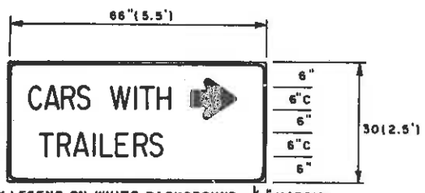
T2-3 (16)



BLACK LEGEND ON WHITE BACKGROUND 1/2" MARGIN
7/8" BORDER 1 5/8" BORDER RADIUS

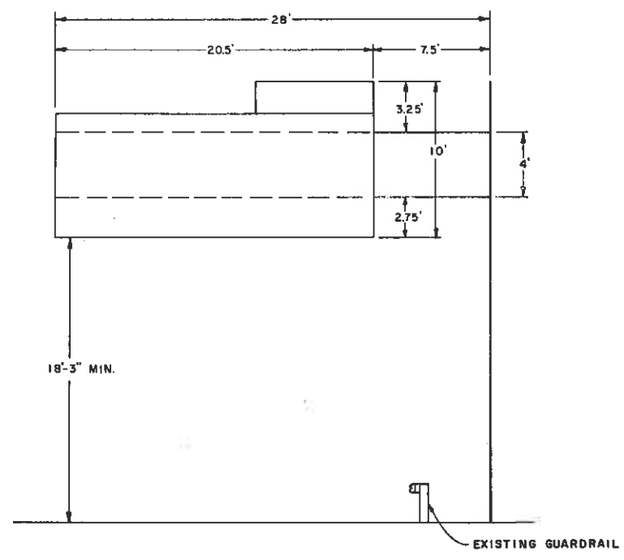
7.62	24.92	24.92
11.30 - ARROW	4.01 - T	3.96 - C
6.00	4.29 - R	4.76 - A
3.96 - C	4.76 - A	4.29 - R
4.76 - A	2.10 - 1	3.28 - S
4.29 - R	4.01 - L	6.00
3.28 - S	4.01 - E	4.73 - O
6.00	4.29 - R	4.54 - N
5.51 - W	3.28 - S	3.34 - L
1.85 - I	34.33	3.75 - Y
4.01 - T	90.00"	6.00
3.28 - H		12.80 - ARROW
28.14		7.63
90.00"		90.00"

T2-2 (22)



BLACK LEGEND ON WHITE BACKGROUND 1/2" MARGIN
3/4" BORDER 1 3/8" BORDER RADIUS

5.13	8.22
3.96 - C	4.01 - T
4.76 - A	4.29 - R
4.29 - R	4.76 - A
3.28 - S	2.10 - 1
6.00	4.01 - L
5.51 - W	4.01 - E
1.85 - I	4.29 - R
4.01 - T	3.28 - S
3.28 - H	27.03
6.00	66.00"
12.80 - ARROW	
5.13	
66.00"	

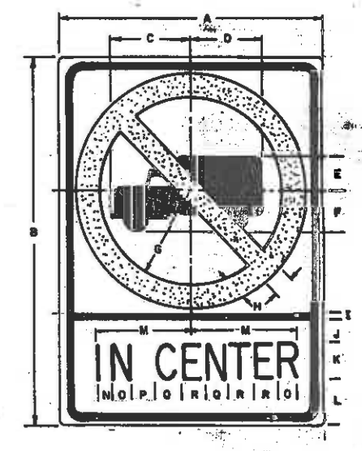


ASSEMBLY NO. 2
STA. 428+00 NB I-77
EXISTING CANTILEVER
INSTALL VERTICAL BUT NOT
HORIZONTAL BRACING.

T2-4 (10) (12) (15) (22)

A	30"			
B	39"			
C	9.45			
D	8.30			
E	3.90			
F	4.69			
G	10.63			
H	2.50			
I	.75			
J	2.10			
K	4"C			
L	3.40			
M	11.76			
N	1.40			
O	2.19			
P	4.00			
Q	2.86			
R	2.67			
S				
T				
U				
V				
W				
X				
Y				
Z				

NOTE:



BLACK	Legend And Border
	Background
WHITE	Reflectorized Background
RED	Reflectorized Circle and Bar

REVISION NUMBER	SHEET NUMBER	REVISION

WEST VIRGINIA DEPARTMENT OF

SIGN FABRICATION DETAILS

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	30	68

SERVICE ROAD CURVE DATA

S.R. CURVE #1	S.R. CURVE #2	S.R. CURVE #3
Δ=45.4744'	Δ=72.7205'	Δ=69.0156'
R=60'	R=100'	R=36'
T=8.1520'	T=73.6193'	T=24.7494'
D=95.5'	D=57.3'	D=159.1667'
L=16.2048'	L=126.9212'	L=43.3639'
C=15.1555'	C=118.5721'	C=40.7894'

WALKWAY AREA A CURVE DATA

CURVE #1	CURVE #2	CURVE #3
PC 0+00	PC 1+30.0507	PC 1+42.4375
PT 1+30.0507	PT 1+42.4375	PT 2+11.0718
Δ=186.2939'	Δ= 35.4855'	Δ= 131.0819'
R=40'	R=20'	R=30'
T=727.5381'	T=6.3993'	T=85.9539'
D=143.25'	D=286.5'	D=191'
L=130.0507'	L=12.3868'	L=68.6443'
C=79.8794'	C=12.1898'	C=59.6154'

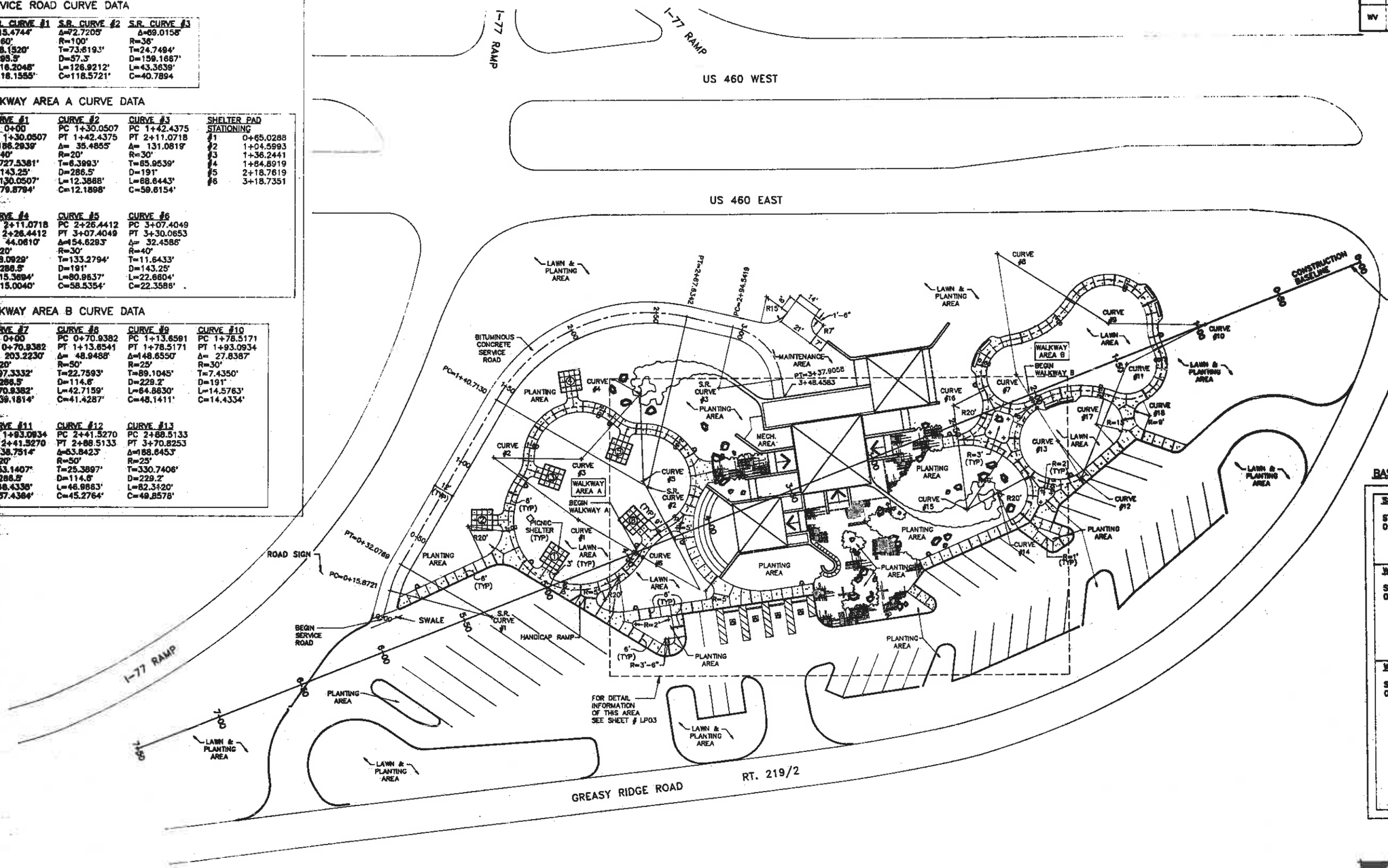
SHELTER PAD STATIONING	
#1	0+65.0288
#2	1+04.5993
#3	1+36.2441
#4	1+64.8919
#5	2+18.7619
#6	3+18.7351

CURVE #4	CURVE #5	CURVE #6
PC 2+11.0718	PC 2+26.4412	PC 3+07.4049
PT 2+26.4412	PT 3+07.4049	PT 3+30.0653
Δ= 44.0610'	Δ=154.6293'	Δ= 32.4586'
R=20'	R=30'	R=40'
T=8.0929'	T=133.2794'	T=11.6433'
D=286.5'	D=191'	D=143.25'
L=15.3694'	L=80.9637'	L=22.6604'
C=15.0040'	C=58.5354'	C=22.3586'

WALKWAY AREA B CURVE DATA

CURVE #7	CURVE #8	CURVE #9	CURVE #10
PC 0+00	PC 0+70.9382	PC 1+13.6591	PC 1+78.5171
PT 0+70.9382	PT 1+13.6541	PT 1+78.5171	PT 1+93.0934
Δ= 203.2230'	Δ= 48.9488'	Δ=148.6550'	Δ= 27.8387'
R=20'	R=50'	R=25'	R=30'
T=97.3332'	T=22.7593'	T=89.1045'	T=7.4350'
D=286.5'	D=114.6'	D=229.2'	D=191'
L=70.9382'	L=42.7159'	L=64.8630'	L=14.5763'
C=39.1814'	C=41.4287'	C=48.1411'	C=14.4334'

CURVE #11	CURVE #12	CURVE #13
PC 1+93.0934	PC 2+41.5270	PC 2+88.5133
PT 2+41.5270	PT 2+88.5133	PT 3+70.8253
Δ=38.7514'	Δ=53.8423'	Δ=188.6453'
R=20'	R=50'	R=25'
T=53.1407'	T=25.3897'	T=330.7406'
D=286.5'	D=114.6'	D=229.2'
L=48.4336'	L=46.9863'	L=82.3420'
C=37.4364'	C=45.2764'	C=49.8578'



BASELINE DIMENSIONING

SERVICE ROAD STATION	CURVE CENTER	BASELINE DIMENSIONS STATION	DISTANCE
0+00		5+92.6981	N 18.2515'
	#1	5+34.8844	S 4.3423'
	#2	4+24.8844	N 31.7098'
	#3	3+66.5499	N 89.3540'

WALKWAY AREA A STATION	CURVE CENTER	BASELINE DIMENSIONS STATION	DISTANCE
0+00		4+43.9593	S 2.3084'
	#1	4+88.7308	N 29.0981'
	#2	5+00.4986	N 78.9975'
	#3	4+54.3204	N 60.8277'
	#4	4+09.5247	N 83.0391'
	#5	4+26.2685	N 35.92.60'
	#6	4+19.1877	S 33.7150'

WALKWAY AREA B STATION	CURVE CENTER	BASELINE DIMENSIONS STATION	DISTANCE
0+00		2+02.5820	S 6.1871'
	#7	2+06.2150	N 13.4981'
	#8	1+90.4170	N 81.6921'
	#9	1+46.4331	N 20.9433'
	#10	0+95.7118	S .3252'
	#11	1+45.5147	S 4.7608'
	#12	1+93.5434	S 55.4000'
	#13	1+96.2618	S 30.7935'
	#14	2+41.1402	S 45.4939'
	#15	2+61.0135	S 47.7411'
	#16	2+46.0937	N 10.3854'
	#17	1+74.3835	S 30.0328'
	#18	1+44.4311	S 36.7423'

0 30 60 90

SCALE IN FEET

NOTES:
1. FOR DETAILED BUILDING ENTRANCE INFORMATION SEE SHEET #32.
2. FOR DETAILED PARKING LOT AND CURB LAYOUT SEE SHEET #11 & 12.
3. ROCKS SHALL BE NATURAL WEATHERED LIMESTONE BOULDERS RANGING IN SIZE FROM 18" TO 4' IN DIAMETER. SCALE DRAWINGS FOR APPROXIMATE SIZE OF STONES.
THE PAYMENT FOR ROCKS, LEDGING ETC. WILL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 215-00.

LEGEND

- CONCRETE SIDEWALK
- CONCRETE UNIT PAVERS
- EXPANSION JOINT
- CONTRACTION JOINT
- BENCH
- TRASH RECEPTICLE
- F.H. FIRE HYDRANT
- ROCKS/BOULDERS
- PICNIC SHELTER PAD

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

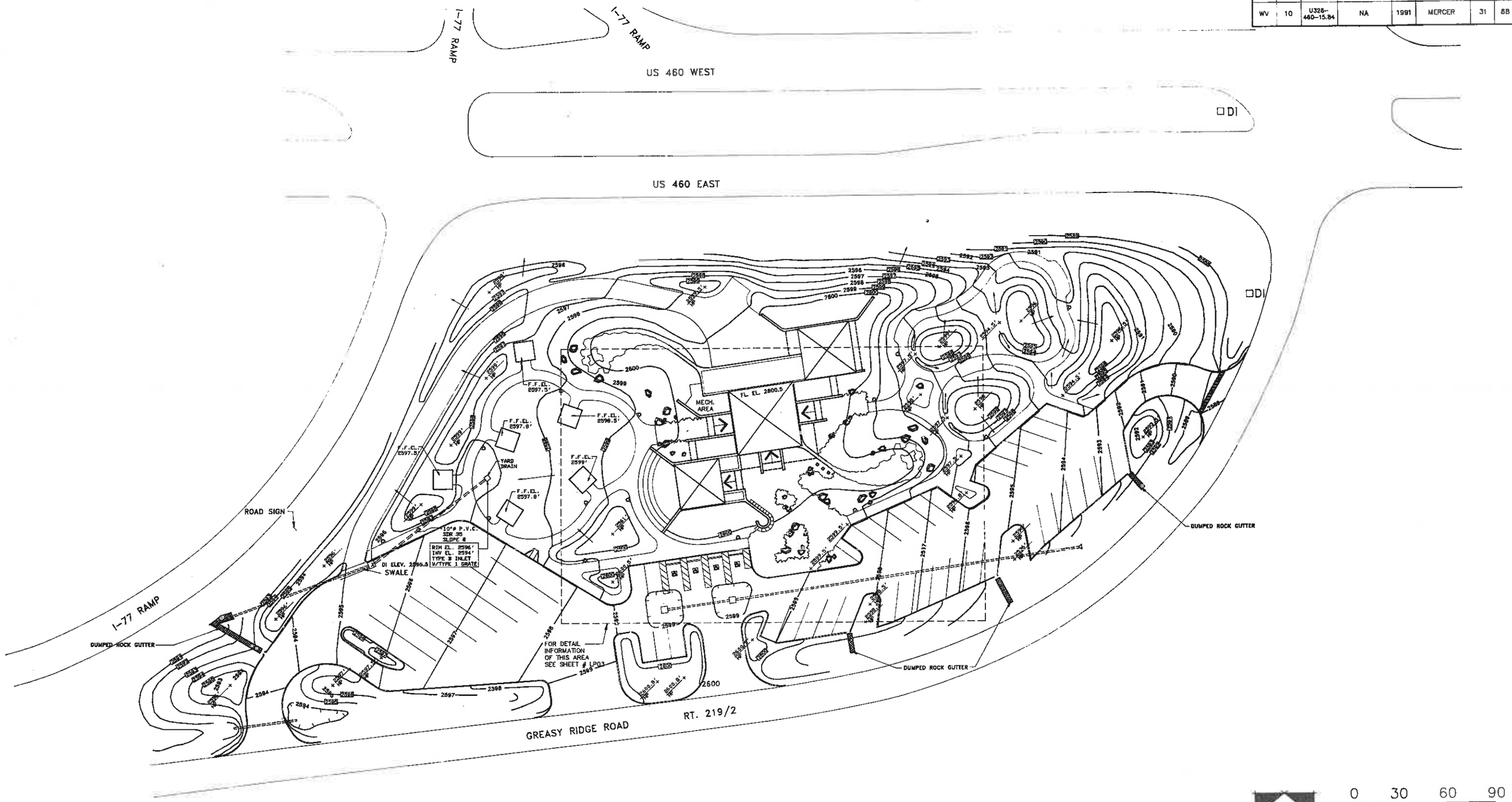
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

LAYOUT PLAN — SCALE: 1"=30' — DRAWN BY: ANKROM — REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: — PROJECT NO. U328-460-15.84 — DRAWING NO. LP01

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	31	88



LEGEND

	EXISTING CONTOURS		DIRECTION OF FLOW
2599	PROPOSED CONTOURS (OVERALL SITE ROUGH GRADING)	HP	HIGH POINT ELEVATION
2600	PROPOSED MOUNDING CONTOURS (OVERALL FINAL GRADING)		
+ 2599'	SPOT ELEVATION (PROPOSED)		

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

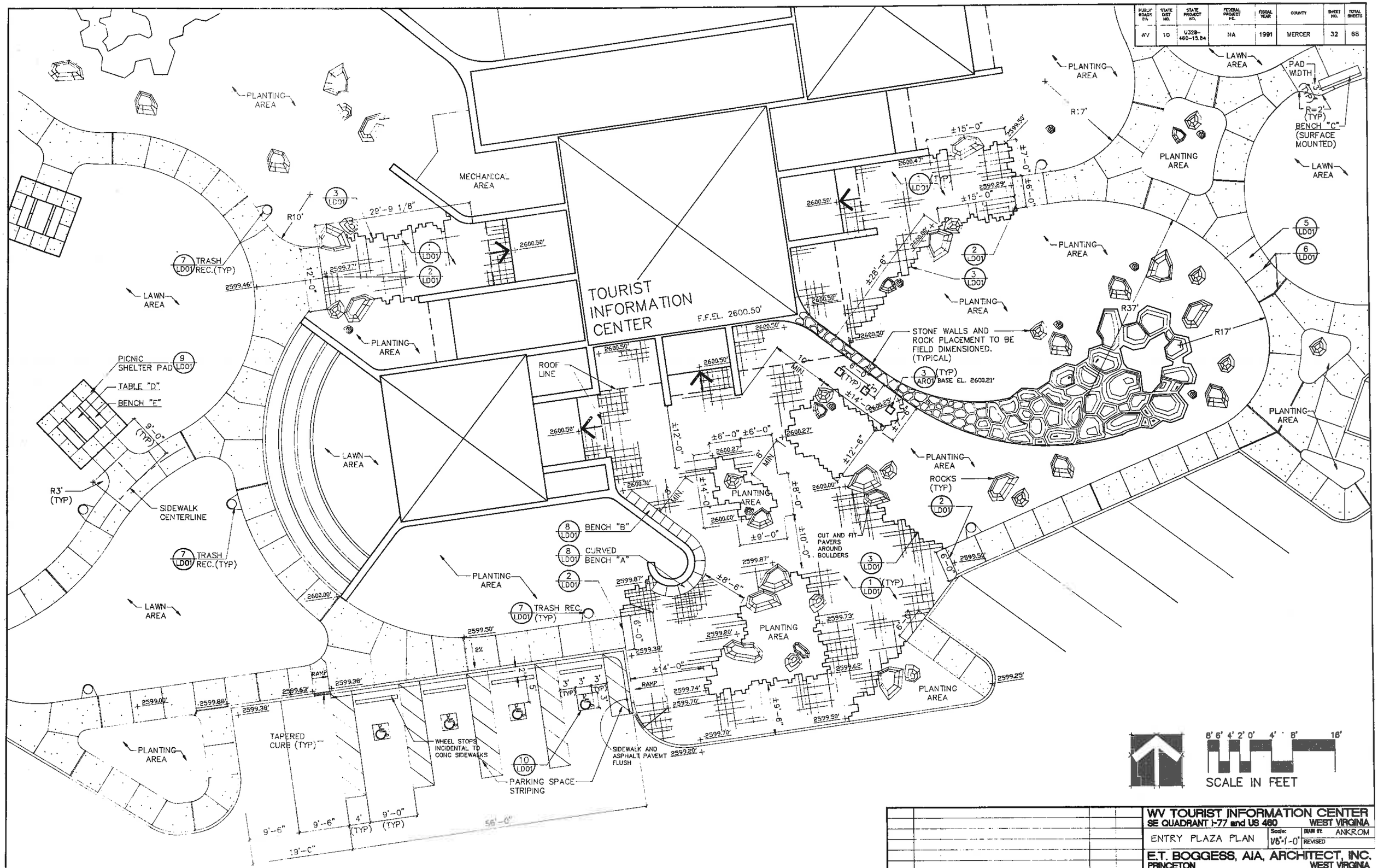
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 — WEST VIRGINIA

GRADING/MOUNDING — SCALE: 1"=30' — DRAWN BY: ANKROM — REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON — WEST VIRGINIA

DATE: — PROJECT NO. U328 - 460 - 15.84 — DRAWING NO. LP02

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	32	68



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 — WEST VIRGINIA

ENTRY PLAZA PLAN

Scale: 1/8"=1'-0" | DRAWN BY: ANKROM | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON — WEST VIRGINIA

DATE: 9-14-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. LP03

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U326-460-15.84	NA	1991	MERCER	33	68

ITEM ATL-DF

SCHEDULE OF PLANTING SOIL MIXTURE:

PLANTING BEDS
ALL PLANTING BEDS SHALL RECEIVE 6" OF PLANTING SOIL MIXTURE AS FOLLOWS:

1 PART OF LOOSE PEAT HUMUS TO 2 PARTS OF TOPSOIL BY VOLUME.
90 LBS. OF SUPERPHOSPHATE PER 1,000 SQ. FT.
40 LBS. OF COMMERCIAL FERTILIZER PER 1,000 SQ. FT.

BACKFILL FOR TREES AND SHRUBS

1 PART OF LOOSE PEAT HUMUS TO 2 PARTS TOPSOIL BY VOLUME.
5 LBS. OF SUPERPHOSPHATE PER CU. YD.
3 LBS. OF COMMERCIAL FERTILIZER PER CU. YD. OF BACKFILL

LAWN AND WILDFLOWER AREAS
ALL LAWN AND WILDFLOWER AREAS SHALL RECEIVE 3" OF PLANTING SOIL MIXTURE AS FOLLOWS:

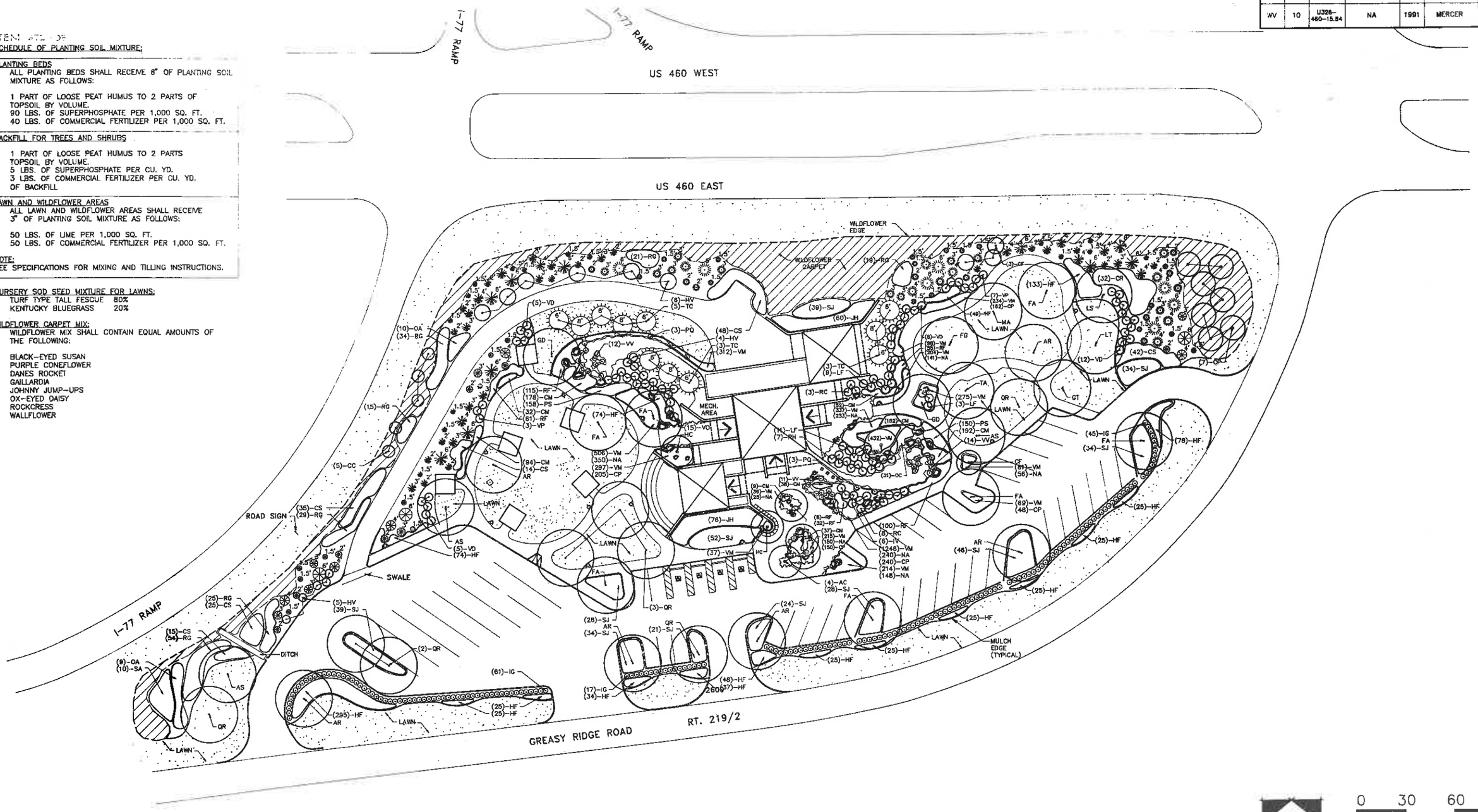
50 LBS. OF LIME PER 1,000 SQ. FT.
50 LBS. OF COMMERCIAL FERTILIZER PER 1,000 SQ. FT.

NOTE:
SEE SPECIFICATIONS FOR MIXING AND TILLING INSTRUCTIONS.

NURSERY SOD SEED MIXTURE FOR LAWNS:
TURF TYPE TALL FESCUE 80%
KENTUCKY BLUEGRASS 20%

WILDFLOWER CARPET MIX:
WILDFLOWER MIX SHALL CONTAIN EQUAL AMOUNTS OF THE FOLLOWING:

BLACK-EYED SUSAN
PURPLE CONEFLOWER
DANES ROCKET
GAILLARDIA
JOHNNY JUMP-UPS
OX-EYED DAISY
ROCKCRESS
WALLFLOWER



LEGEND

ROCK/BOULDER
PROPOSED TREES AND SHRUBS
PROPOSED WILDFLOWER CARPET AREA
PLANT MASSING

NOTE:
1. FINAL PLACEMENT OF PLANTS TO BE DETERMINED IN THE FIELD.

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

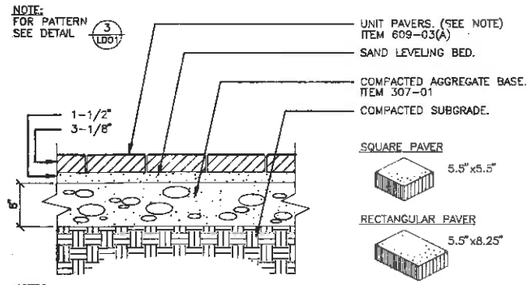
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

LANDSCAPE PLAN | SCALE: 1"=30' | DRAWN BY: ANKROM | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

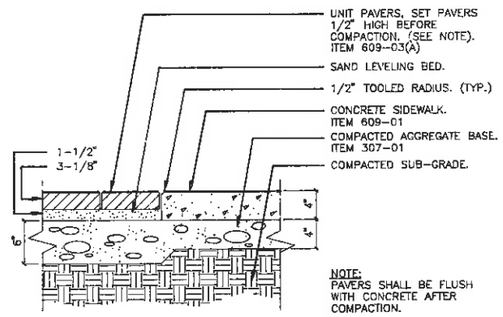
DATE: | PROJECT NO. U328-460-15.84 | DRAWING NO. LP04

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
W\	10	U328-460-15.84	NA	1991	MERCER	34	68



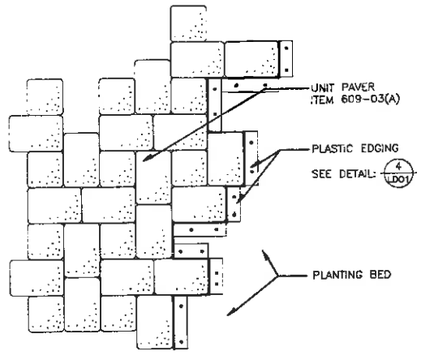
NOTES:
1. SEE SPECIFICATIONS FOR PAVER MANUFACTURERS.

1 LD01 TYPICAL UNIT PAVERS
SCALE: NOT TO SCALE

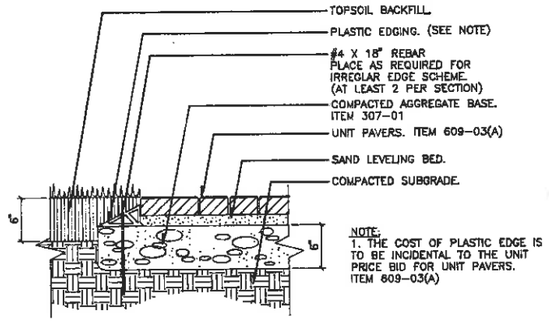


NOTE:
PAVERS SHALL BE FLUSH WITH CONCRETE AFTER COMPACTION.

2 LD01 UNIT PAVERS @ CONCRETE WALK
SCALE: NOT TO SCALE

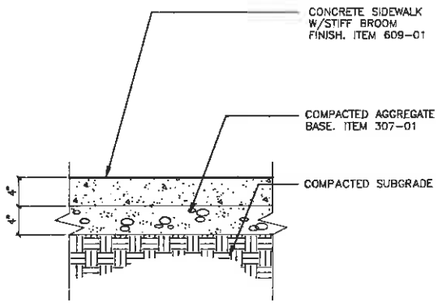


3 LD01 PAVER PATTERN AND EDGE DETAIL
SCALE: NOT TO SCALE

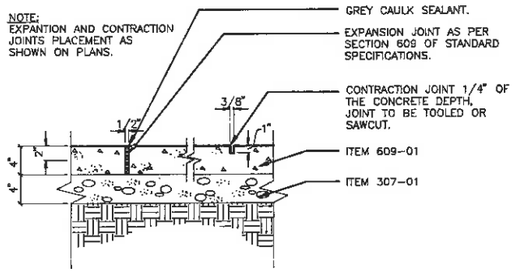


NOTE:
1. THE COST OF PLASTIC EDGE IS TO BE INCIDENTAL TO THE UNIT PRICE BID FOR UNIT PAVERS. ITEM 609-03(A)

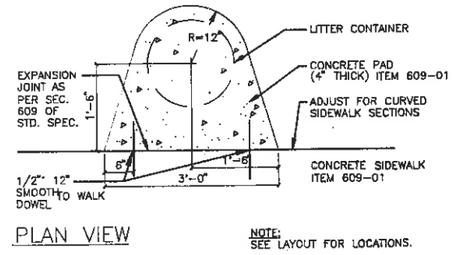
4 LD01 UNIT PAVERS WITH PLASTIC EDGE
SCALE: NOT TO SCALE



5 LD01 TYPICAL CONCRETE SIDEWALK PAVING
SCALE: NOT TO SCALE



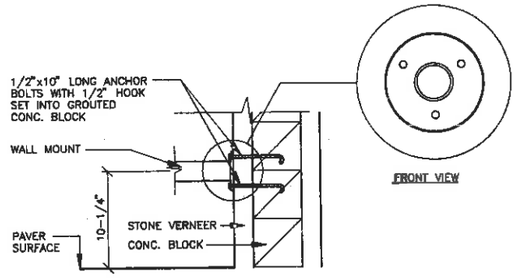
6 LD01 EXPANSION AND CONTRACTION JOINT DETAIL
SCALE: NOT TO SCALE



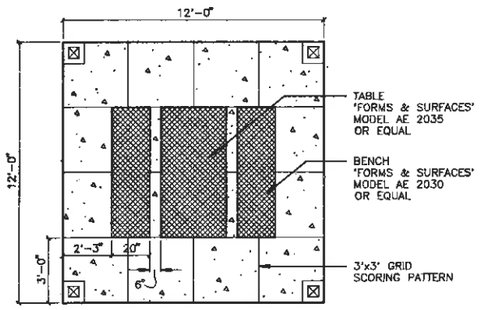
PLAN VIEW

NOTE:
SEE LAYOUT FOR LOCATIONS.

7 LD01 LITTER CONTAINER PAD DETAIL
SCALE: NOT TO SCALE



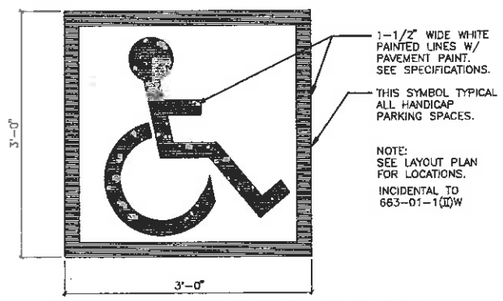
8 LD01 BENCH MOUNTING DETAIL (TYPES "A" & "B")
SCALE: NOT TO SCALE



PLAN VIEW

NOTE:
SEE LAYOUT FOR LOCATIONS.

9 LD01 PICNIC SHELTER PAD DETAIL
SCALE: NOT TO SCALE



10 LD01 TYPICAL HANDICAP SYMBOL
SCALE: NOT TO SCALE

SITE FURNISHING SCHEDULE ITEM 672-04

QUANT.	UNIT TYPE	MODEL	MOUNTING INSTRUCTIONS	MANUFACTURERS INFORMATION
1	CURVED BENCH "A" 14' (6 SECTIONS)	MODEL 2888-6-W TIMBERFORM PROFILE SERIES	WALL MOUNT AS PER MANUFACTURER	COLUMBIA CASCADE CO. 800/547-1940
2	BENCH "B" 7'-9" (3 SECTIONS)	MODEL 2884-6-W TIMBERFORM PROFILE SERIES	WALL MOUNT AS PER MANUFACTURER	COLUMBIA CASCADE CO. 800/547-1940
14	LITTER CONTAINER	MODEL 2891-DT-P TIMBERFORM PROFILE SERIES	SURFACE MOUNT, AS PER MANUFACTURER	COLUMBIA CASCADE CO. 800/547-1940
6	BENCH "C" W/ARMS 6'-2" (1 SECTION)	MODEL 2865-6-P TIMBERFORM PROFILE SERIES	SURFACE MOUNT, AS PER MANUFACTURER	COLUMBIA CASCADE CO. 800/547-1940
6	PICNIC TABLES: TABLE "D"	MODEL AE 2025 COLOR TO BE SELECTED.	SURFACE MOUNT, AS PER MANUFACTURER	FORMS & SURFACES TREFZGER'S INC. 513/921-1000
12	BENCH "E"	MODEL AE 2030 COLOR TO BE SELECTED.	SURFACE MOUNT, AS PER MANUFACTURER	FORMS & SURFACES TREFZGER'S INC. 513/921-1000

SITE FURNISHING NOTES:
1. COLOR OF BENCHES, TABLES AND LITTER CONTAINERS SHALL BE SELECTED TO MATCH BUILDING TRIM. SUBMIT SAMPLES FOR APPROVAL.
2. ALTERNATIVE PRODUCTS WILL BE ACCEPTABLE IF EQUAL TO THOSE SPECIFIED.
3. ALL SPECIFIED PRODUCTS AND PRODUCTS DESIGNATED AS EQUALS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION.

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

SITE DETAILS | Scale: N.T.S. | DRAWN BY: ANKROM | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: | PROJECT NO. U328-460-15.84 | DRAWING NO. LD01

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	35	68

ITEM 672-05 LANDSCAPE WORK

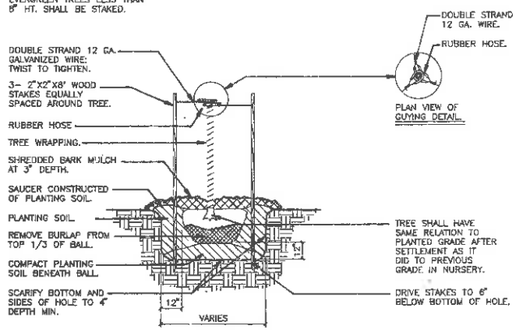
PLANT MATERIALS LIST

	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS	QUANT.
TREES-DECIDUOUS	AC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	8' HT	B & B	MULTI-TRUNK	4
	AR	ACER RUBRUM	RED MAPLE	2-1/2"CAL	B & B		6
	AS	ACER SACCHARUM	SUGAR MAPLE	2-1/2"CAL	B & B		3
	BN	BETULA NIGRA	RIVER BIRCH	8' HT	B & B	MULTI-TRUNK	1
	CC	CERCIS CANADENSIS	REDBUD	4' HT	B & B	MULTI-TRUNK	5
	CF	CORNUS FLORIDA	FLOWERING DOGWOOD	4' HT	B & B		4
	CP	CRATAEGUS PHAENOPYRUM	WASHINGTON HAWTHORN	2" CAL	B & B		7
	FG	FAGUS SYLVATICA	EUROPEAN BEECH	2" CAL	B & B		1
	FA	FRAXINUS AMERICANA 'ROSE HILL'	ROSE HILL ASH	2-1/2"CAL	B & B		7
	GT	GLEDITSIA TRIACANTHOS INERMIS	THORNLESS HONEYLOCUST	2-1/2"CAL	B & B		1
	GD	GYMNOCLADUS DIOICA	KENTUCKY COFFEETREE	2" CAL	B & B		2
	HC	HALESIA CAROLINA	CAROLINA SILVERBELL	6' HT	B & B	MULTI-TRUNK	2
	LS	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	2-1/2"CAL	B & B		1
	LT	LIRODENDRON TULIPIFERA	TULIP TREE	2-1/2"CAL	B & B		1
	MA	MAGNOLIA ACUMINATA	CUCUMBER MAGNOLIA	2-1/2"CAL	B & B		1
	OA	OXYDENDRON ARBOREUM	SOURWOOD	3' HT	#5 CONT		19
	QR	QUERCUS RUBRUM	RED OAK	2-1/2"CAL	B & B		8
	SA	SASSAFRAS ALBIDUM	COMMON SASSAFRAS	3' HT	#5 CONT		10
	TA	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN	2-1/2"CAL	B & B		1
TREES-EVERGREEN		JUNIPERUS VIRGINIANA	EASTERN REDCEDER	1-1/2' HT	B & B	UNSHEARED	10
		"	"	2' HT	"	"	7
		"	"	3' HT	"	"	6
		"	"	4' HT	"	"	5
		"	"	6' HT	"	"	3
		PINUS STROBUS	WHITE PINE	1-1/2' HT	B & B	UNSHEARED	14
		"	"	2' HT	"	"	9
		"	"	3' HT	"	"	12
		"	"	4' HT	"	"	8
		"	"	6' HT	"	"	5
		PINUS VIRGINIANA	VIRGINIA PINE	1-1/2' HT	B & B	UNSHEARED	16
		"	"	2' HT	"	"	14
		"	"	3' HT	"	"	12
		"	"	4' HT	"	"	9
		"	"	6' HT	"	"	10
	TC	TSUGA CANADENSIS	CANADA HEMLOCK	6' HT	B & B	UNSHEARED	6
		"	"	8' HT	B & B	UNSHEARED	5
SHRUBS	CR	CORNUS RACEMOSA	GRAY DOGWOOD	18" HT	B.R.	3' ALT. CTR.	32
	CS	CORNUS SERICEA	RED OSIER DOGWOOD	18" HT	B.R.	3' ALT. CTR.	179
	HV	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL	30"HT	B & B		15
	IG	ILEX GLABRA 'COMPACTA'	DWARF INKBERRY HOLLY	18" SPR	B & B		123
	IV	ILEX VERTICILLATA	WINTERBERRY HOLLY	18" SPR	#3 CONT	5 FEMALE,1 MA.	6
	JH	JUNIPERUS HORIZONTALIS 'PLUMOSA YOUNGSTOWN'	YOUNGSTOWN ANDORRA JUNIPER	15" SPR	#3 CONT		136
	LF	LEUCOTHOE FONTANESIANA	DROOPING LEUCOTHOE	18" SPR	B & B		23
	RH	RHODODENDRON CALENDULACEUM	FLAME AZALEA	24" SPR	B & B		7
	RC	RHODODENDRON CATAWBIENSE	CATAWBA RHODODENDRON	24" SPR	B & B		11
	RG	RHUS GLABRA	SMOOTH SUMAC	2' HT	#3 CONT		197
	SJ	SPIRAEA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS SPIRAEA	15" SPR	B & B		379
	VV	VACCINIUM VITIS-IDAEA	LOWBUSH BLUEBERRY	6" SPR	#1 CONT		37
	VD	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	18" SPR	B & B		10
	VO	VIBURNUM OPULUS 'COMPACTUM'	COMPACT EUROPEAN CRANBERRYBUSH	18" SPR	B & B		15
	VP	VIBURNUM PRUNIFOLIUM	BLACKHAW VIBURNUM	18" SPR	B & B		10
PERENNIALS/ GROUNDCOVER	CM	CHRYSANTHEMUM MAXIMUM	SHASTA DAISY	1 QT	P.P.	1' ALT. CTR.	784
	CP	CROCUS	CROCUS (PURPLE)	2-3/4" BULB		1' ALT. CTR.	805
	HF	HEMEROCALLIS FULVA	ORANGE DAYLILLY	CLUMP	#2 CONT	18" ALT. CTR.	948
	NA	NARCISSUS	NARCISSUS (YELLOW)	(DN) BULB		6" ALT. CTR.	1343
	#NA1	NARCISSUS	NARCISSUS (WHITE)	(DN) BULB		SEE NOTE	5106
	OC	OSMUNDA CINNAMOMEA	CINNAMON FERN	CLUMP	#2 CONT	2' ALT. CTR.	31
	PQ	PARTHENOCISSUS QUINQUEFOLIA	VIRGINIA CREEPER	9" SPR	#1 CONT		6
	PS	PHLOX SUBULATA	CREEPING PHLOX	FLAT	P.P.	1' ALT. CTR.	308
	RF	RUDBEKIA FULGIDA	BLACK-EYED SUSAN	1 QT	P.P.	15" ALT. CTR.	371
	VM	VINCA MINOR	COMMON PERIWINKLE	2-1/4"	P.P.	10" ALT. CTR.	6593

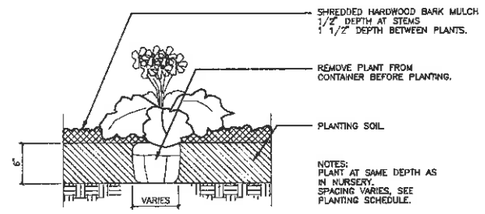
CAL = CALIPER
HT = HEIGHT
SPR = SPREAD
B&B = BALLED AND BURLAPED
P.P. = PEAT POT
ALT. CTR. = ALTERNATE CENTER
DN = DOUBLE NOSE

NOTES:
1. IF DISCREPANCIES EXIST BETWEEN THE PLANT MATERIALS LIST AND THE LANDSCAPE PLAN, THE LANDSCAPE PLAN SHALL PREVAIL.
2. NA1- TO BE LOCATED IN THE FIELD.
3. ADDITIONAL 200C VINCA MINOR TO BE LOCATED IN THE FIELD.

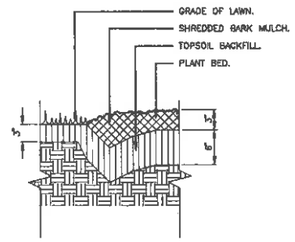
NOTE: ALL DECIDUOUS TREES LESS THAN 3" CAL. AND EVERGREEN TREES LESS THAN 8' HT. SHALL BE STAKED.



TYPICAL TREE PLANTING & STAKING DETAIL
SCALE: NOT TO SCALE

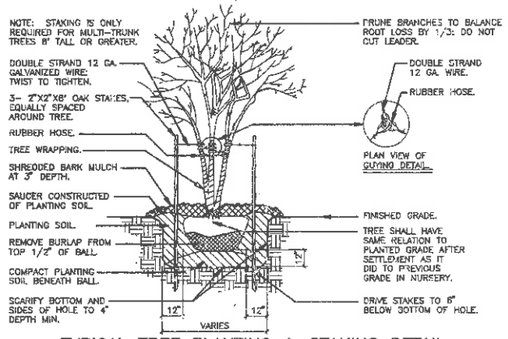


PERENNIAL PLANTING DETAIL
SCALE: NOT TO SCALE

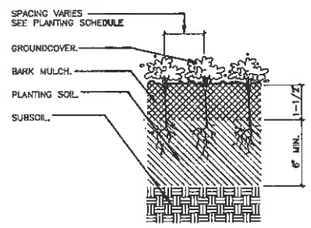


TYPICAL MULCHED PLANTING BED AT LAWN
SCALE: NOT TO SCALE

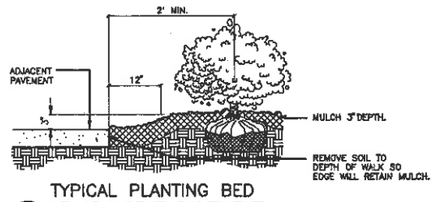
NOTE: STAKING IS ONLY REQUIRED FOR MULTI-TRUNK TREES 8' TALL OR GREATER.



TYPICAL TREE PLANTING & STAKING DETAIL FOR MULTI-TRUNK TREE
SCALE: NOT TO SCALE

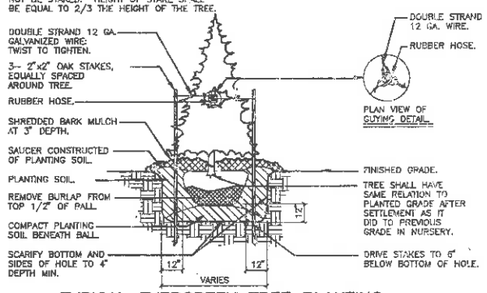


GROUNDCOVER PLANTING DETAIL
SCALE: NOT TO SCALE

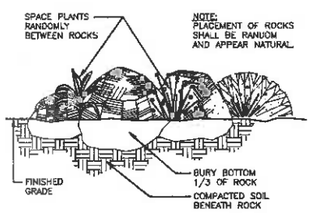


TYPICAL PLANTING BED AT ADJACENT PAVEMENT
SCALE: NOT TO SCALE

NOTE:
STAKE ALL EVERGREEN TREES 3' TO 8' TALL; EVERGREEN TREES LESS THAN 3' HT. SHALL NOT BE STAKED. HEIGHT OF STAKE SHALL BE EQUAL TO 2/3 THE HEIGHT OF THE TREE.



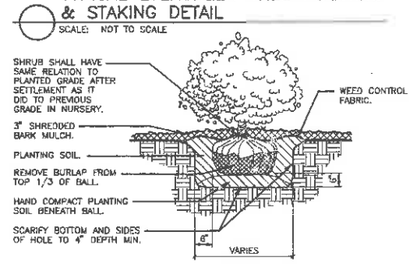
TYPICAL EVERGREEN TREE PLANTING & STAKING DETAIL
SCALE: NOT TO SCALE



ROCK PLACEMENT DETAIL
SCALE: NOT TO SCALE

1. MAINTAIN ROOT MOISTURE BY KEEPING ROOTS IMMERSED IN WATER PRIOR TO PLANTING.
2. ROOT PRUNE AS NECESSARY TO REMOVE ALL DAMAGED OR BROKEN ROOTS.
3. DIG PLANTING HOLES AT LEAST 12" WIDE AND 12" DEEP TO ACCOMODATE ROOT MASS.
4. SET PLANTS PLUMB WITH THE ROOTS SPREAD OUT IN A NATURAL POSITION AT A DEPTH EQUAL TO THE DEPTH AT THE NURSERY.
5. HOLD PLANT FIRMLY AND PUDDLE (NOT TAMP) THE BACKFILL AROUND THE ROOTS WITH WATER. SUFFICIENT WATER SHALL BE USED TO ENSURE SATURATION OF THE BACKFILL, BUT CARE SHOULD BE TAKEN NOT TO OVER-WATER, CAUSING A FLOATING SOIL MASS THAT PREVENTS COMPACTION AND MAY RESULT IN AIR POCKETS ADJACENT TO THE ROOTS. BACKFILL SHOULD BE FLUSH WITH THE GROUND AFTER COMPACTION.
6. MULCH WITH 3" HARDWOOD BARK MULCH.

PLANTING BARE ROOT MATERIAL
SCALE: NOT TO SCALE

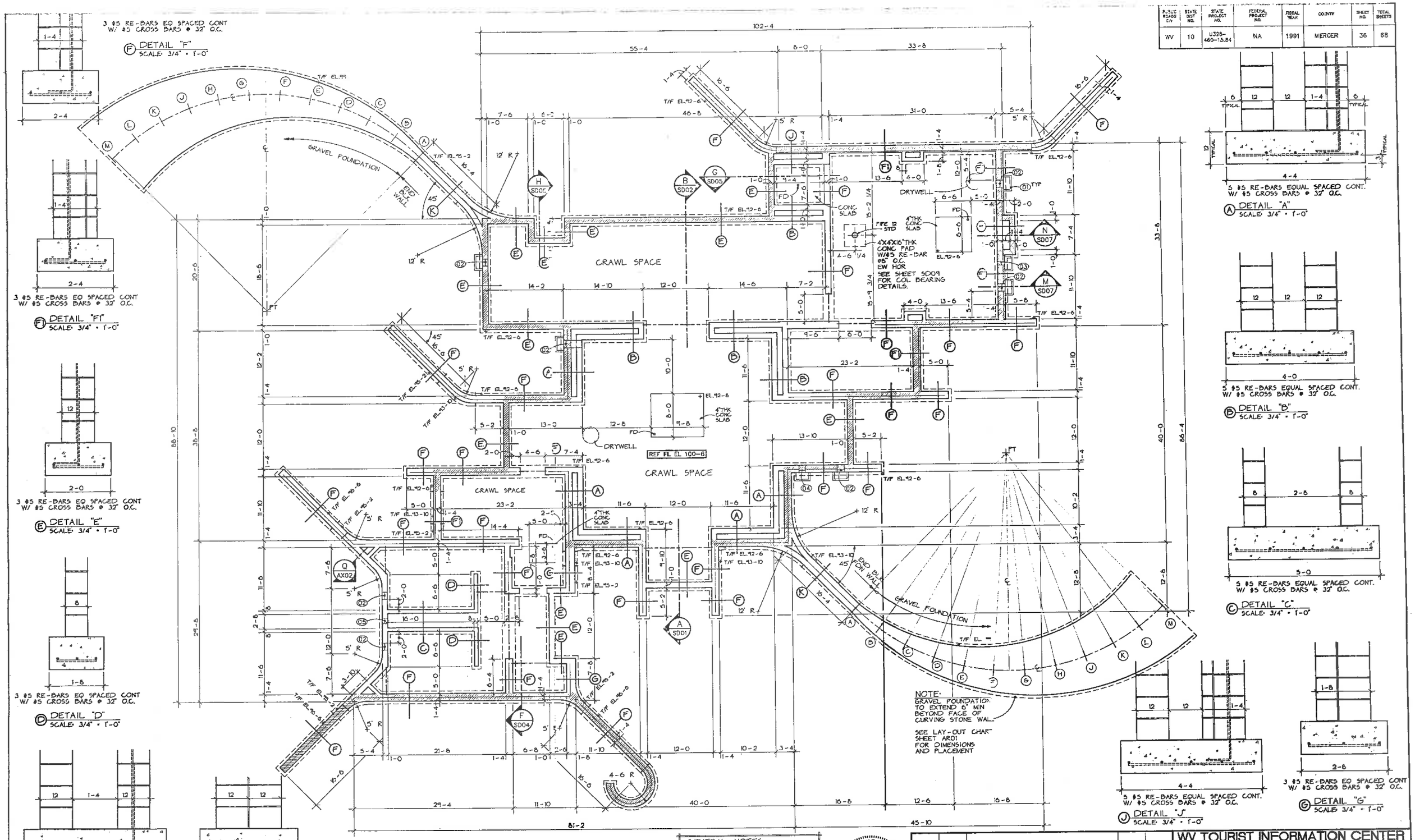


TYPICAL SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA
PLANT MATERIALS
Scale: N.T.S. DRAWN BY: ANKROM REVISED
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA
DATE: PROJECT NO. U328-460-15.84 DRAWING NO. LD02

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	36	68



NOTES

(01) CONC AREA WELL
(02) 8X16 OPERABLE SCREEN MASONRY VENT
(03) OUTDR AIR INTAKE 7X7 OPNG
(04) OUTDR AIR INTAKE 14X13 OPNG
(05) OUTDR AIR INTAKE 11X11 OPNG

NOTE: ALL FOUNDATION FOOTING ELEVATIONS ARE REFERENCED FROM MAIN FLOOR ELEVATION OF 100-6 (2600.5).

GENERAL NOTES

- ALL FOOTING REINF. BARS TO BE #5 W/ #5 TIES @ 32" O.C. UNLESS OTHERWISE NOTED.
- SHADED WALLS TO RECEIVE VERTICAL REINF AS DETAILED.
- VERTICAL REINF TO BE #5 BARS @4' O.C. TO 2' ABOVE FTG @ ℄ OF BLOCK
- HOR. MAS REINF #6" O.C. TYP

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 679 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

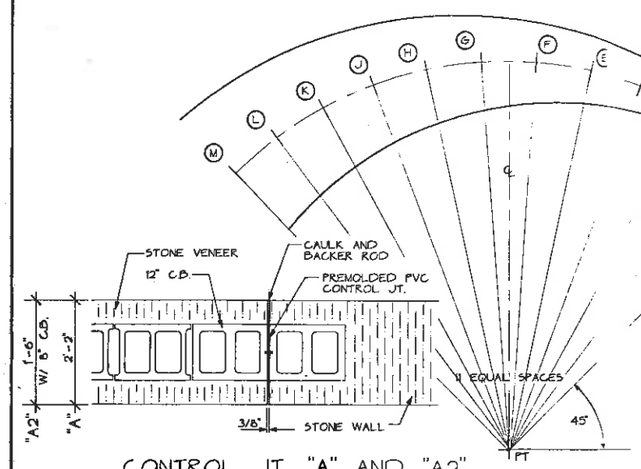
FOUNDATION PLAN

SCALE 1/8"=1'-0" | DRAWN BY TB | REVISED

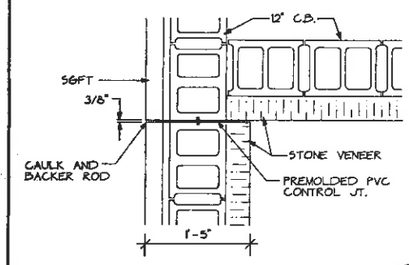
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE 9-16-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. FP01

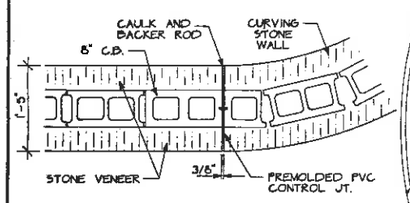
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	37	68



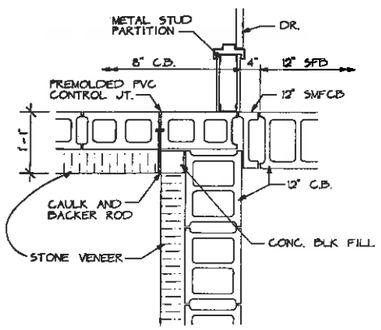
CONTROL JT. "A" AND "A2"
SCALE · 3/4" = 1'-0"



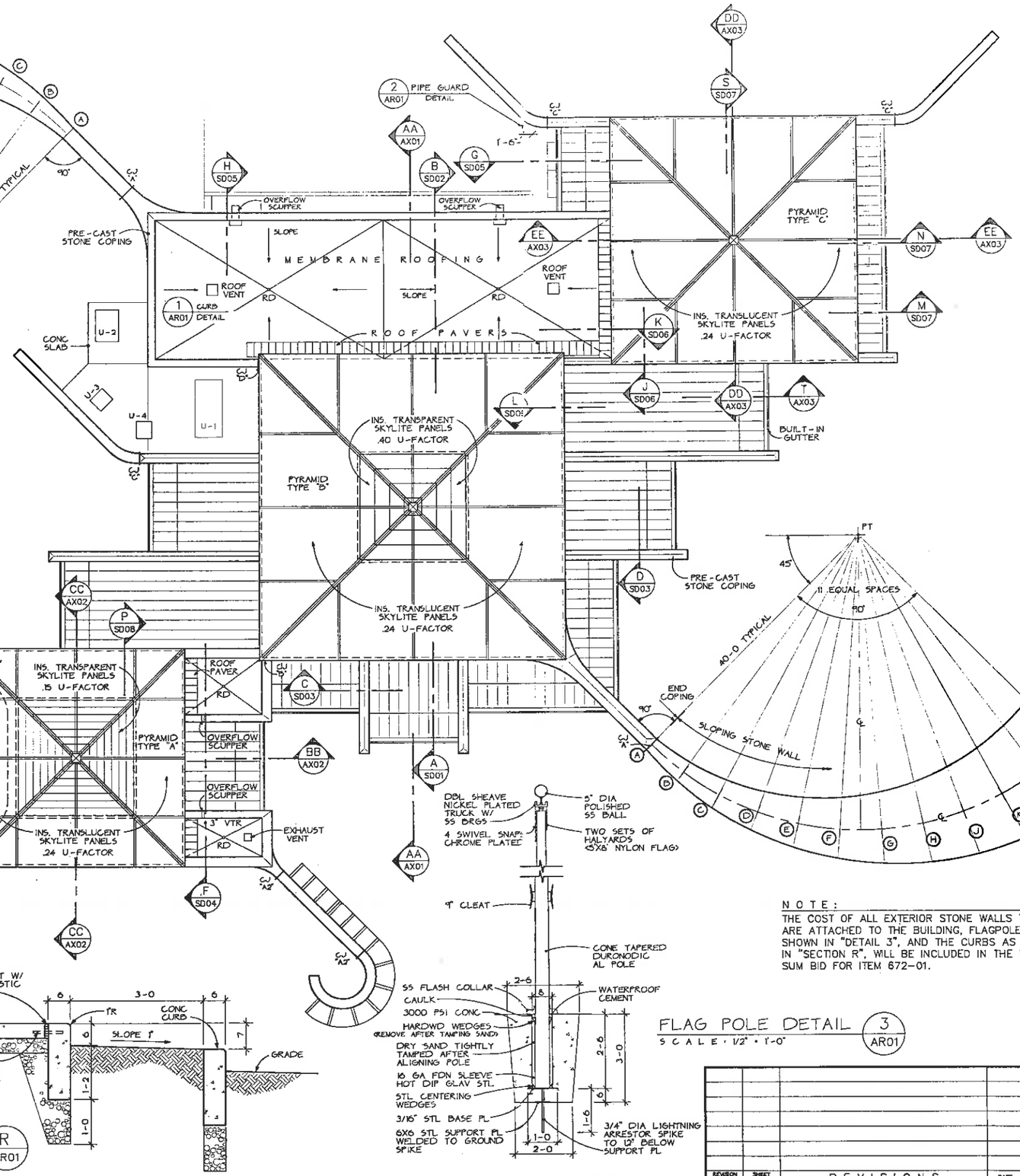
CONTROL JT. "B"
SCALE · 3/4" = 1'-0"

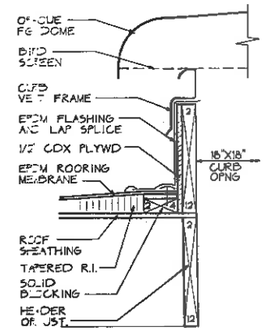


CONTROL JT. "C"
SCALE · 3/4" = 1'-0"

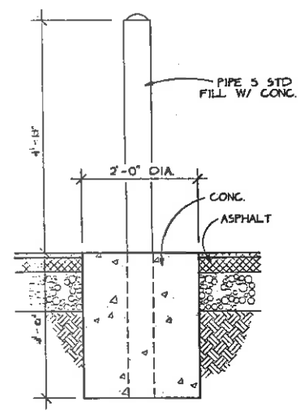


CONTROL JT. "D"
SCALE · 3/4" = 1'-0"



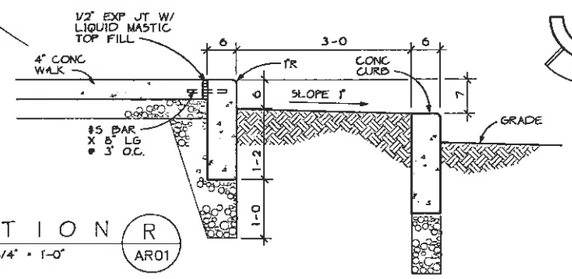


ROOF CURB
CURB DETAIL (1 / AR01)
SCALE · 1 1/2" = 1'-0"



PIPE GUARD DETAIL (2 / AR01)
SCALE · 3/4" = 1'-0"

FLAG POLE DETAIL (3 / AR01)
SCALE · 1/2" = 1'-0"



SECTION R (AR01)
SCALE · 3/4" = 1'-0"

NOTE:
THE COST OF ALL EXTERIOR STONE WALLS THAT ARE ATTACHED TO THE BUILDING, FLAGPOLE AS SHOWN IN "DETAIL 3", AND THE CURBS AS SHOWN IN "SECTION R", WILL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 672-01.

LAY-OUT CHART
FOR CURVING STONE WALL

CENTERLINE POINT @40' FROM PT	WALL WIDTH BASE	WALL WIDTH TOP	WALL HEIGHT CENTERLINE
A	2-0	2-0	13-8
B	2-10	2-6	13-2
C	3-8	3-0	12-4
D	4-6	3-4	11-4
E	6-0	3-8	10-2
F	7-4	4-0	9-0
G	8-8	4-4	7-10
H	10-8	4-8	6-8
J	12-6	5-0	5-6
K	14-0	5-4	4-6
L	15-0	5-8	3-8
M	16-0	6-0	3-0

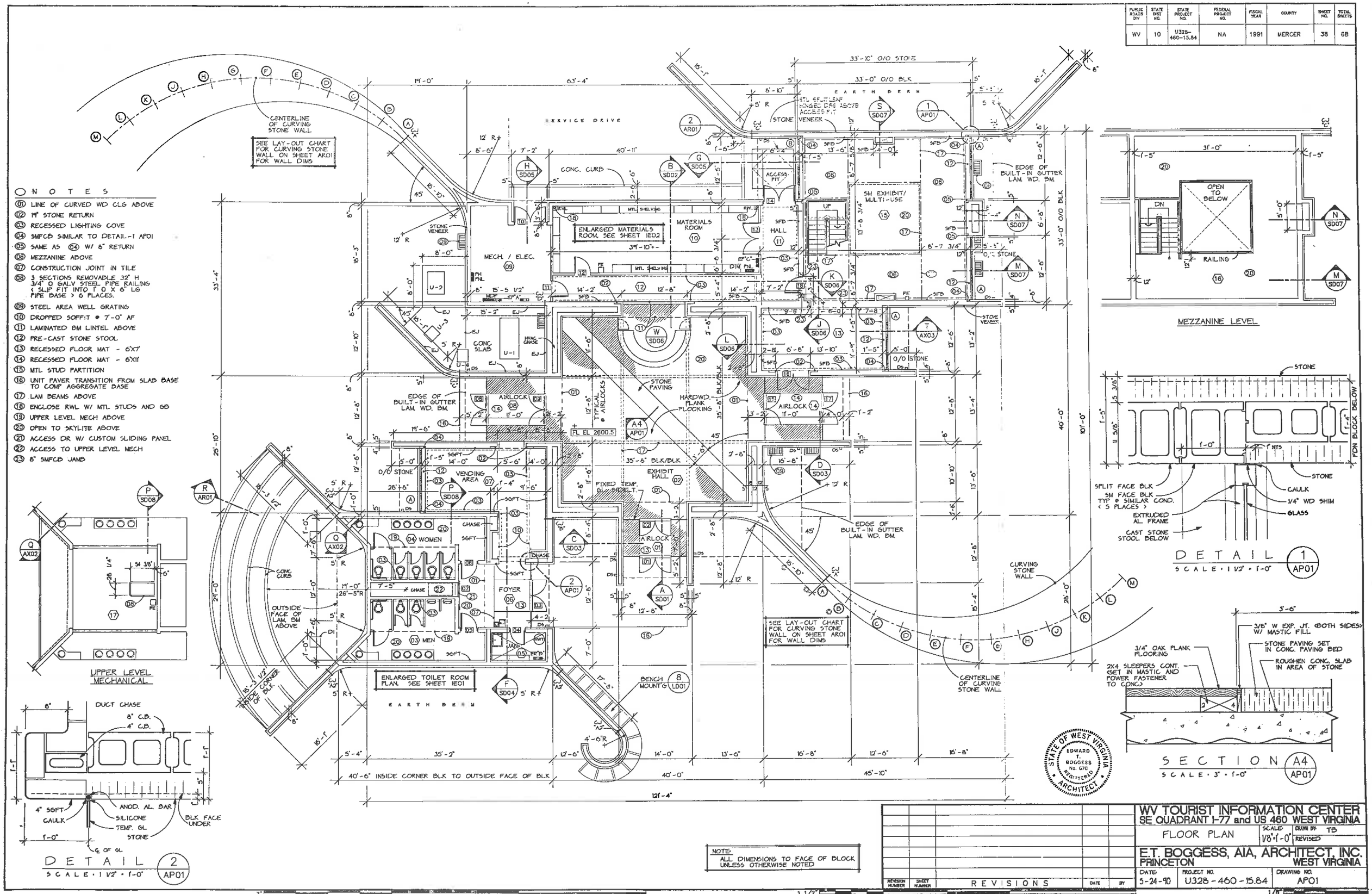
STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 678 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA
ROOF PLAN/DETAILS
SCALE: 1/8"=1'-0" | DRAWN BY: TD | REVISED
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA
DATE: 5-24-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. AR01

1 1/2" 0 1 2 4 — 3/4" 0 1 2 4 — 1/8" 0 2 4 8

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	38	68



FINISH SCHEDULE

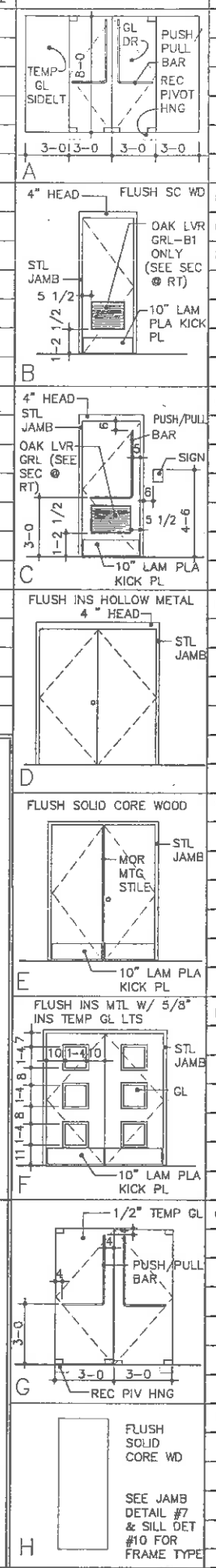
ROOM OR SPACE	FLOOR CONST	FLOOR FINISH	WALL CONST	WALL FINISH	BASE	CEILING CONST	CEILING FINISH	CEILING HEIGHT	REMARKS
01 AIRLOCK	CONC & STL JST	WOOD*	CB	STONE	–	WD JST	WOOD	8'–0"	*RECESSED MAT W/DRAIN
02 EXHIBIT HALL	CONC & STL JST	WOOD*	CB	STONE	–	AL FR	IFRP	14 + VARIES	*DIAG STONE STRIP ACROSS HALL
03 MENS TOILET	CONC & STL JST	CT	STL SD CB&SGFT	PT GB SGFT	COVE SGFT	WD JST AL FR	SUSP PL IFRP	8'–0" 14 + VA	
04 WOMENS TOILET	CONC & STL JST	CT	STL SD CB&SGFT	PT GB SGFT	COVE SGFT	WD JST AL FR	SUSP PL IFRP	8'–0" 14 + VA	
05 JANITOR	CONC & STL JST	CT	CB&SGFT	SGFT	COVE SGFT	WD JST	SAT	8'–0"	
06 FOYER	CONC & STL JST	CT*	CB&SGFT	SGFT	COVE SGFT	WD JST AL FR	WOOD IFRP	8' VA VARIES	*RECESSED MAT W/DRAIN
07 VENDING	CONC & STL JST	CT	CB	SGFT	COVE SGFT	WD JST	SUSP PL	8'–0" *	*DROPPED SOFFIT CLG @ @7' AF
08 AIRLOCK	CONC & STL JST	WOOD*	CB	STONE	–	WD JST	WOOD	8'–0"	*RECESSED MAT W/DRAIN
09 MECH/ELEC	CONC & STL JST	VT	CB STL SD	PAINT PT GB	VINYL VINYL	WD JST	SAT	9'–8"	
10 MATERIAL STOR	CONC & STL JST	VT	CB STL SD	PAINT PT BG	VINYL VINYL	WD JST	SAT	9'–8"	
11 HALL	CONC & STL JST	CARPET	SFB STL SD	SFB PT GB	WOOD WOOD	WD JST	SUSP PL	8'–0"	*1'–9"STONE JAMB RET @ OPNG TO RM 02 REC LT VAL
12 HALL	CONC & STL JST	CARPET	SFB STL SD	SFG* PT GB	WOOD WOOD	WD JST	SUSP PL	9'–8"	*1'–9"STONE JAMB RET @ OPNG TO RM 02 REC LT VAL
13 WAITING AREA	CONC & STL JST	CARPET	SFB	SFB*	WOOD	WD JST	SUSP PL	8'–0"	*1'–9"STONE JAMB RET @ DR 16
14 AIRLOCK	CONC & STL JST	WOOD*	CB	STONE	–	WD JST	WOOD	8'–0"	*RECESSED MAT W/DRAIN
15 SM EHIBIT/ MULTI–USE	CONC & STL JST	CARPET	SFB	SFB	– WOOD	AL FR	IFRP	20' + VARIES	
16 MEZZANINE	PLYWD & WD DK'G	CARPET	SFB	SFB	–	AL FR	IFRP	VARIES 6'–20'	
17 MECHANICAL	PLYWD & WD JST	NONE	CB ST SD	PT PT GB	NONE	AL FR	IFRP	VARIES 12'–19'	

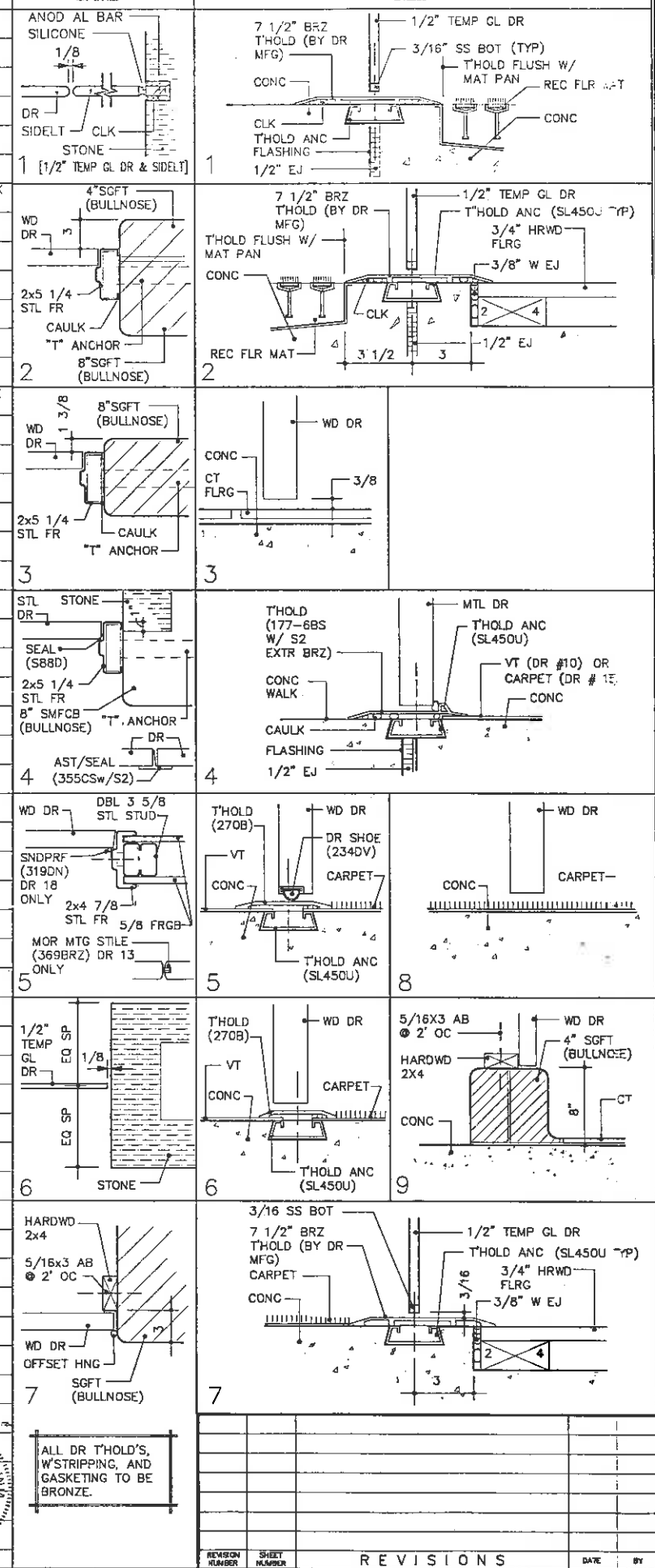
DOOR SCHEDULE

DR TRIM NUMBERS SHOWN ARE BY PEMKO. REESE AND ZERO MAY BE USED SUBJECT TO APPROVAL.

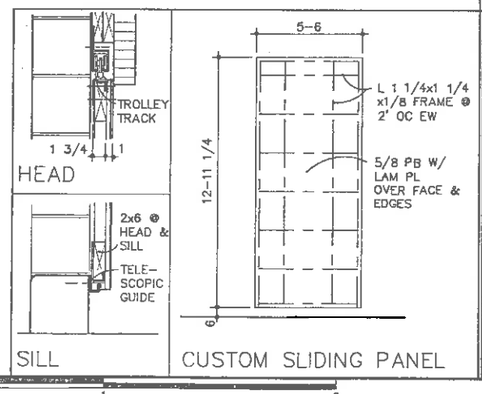
DOOR NO	TYPE	JAMB	SILL	HARD WARE
01	A1	1	1	
02	A1	1	2	
03	A1	1	1	
04	B1	2	2	
05	C1	2	2	
06	C1	3	2	
07	H1	7	9	
08	A1	1	1	
09	A1	1	2	
10	D1	4	4	
11	B2	5	5	
12	B2	5	6	
13	E1	5	6	
14	F1	4	4	
15	A1	1	2	
16	G1	6	7	
17	A1	1	1	
18	B3	2	8	

TYPE	SIZE	REMARKS
A1	1/2x3–0x7–0	TEMP GL W/ PIVOT HNGS
B1	1–3/4x2–8x7–0	1–9x1–5 3/8 OAK LOUVERED GRILLE
B2	1–3/4x3–0x7–0	"C" LABEL
B3	1–3/4x3–0x6–8	"C" LABEL 12" SMFCB JAMB
C1	1–3/4x3–0x7–0	2–1x1–4 3/8 OAK LOUVERED GRILLE
D1	1–3/4x3–0x7–0(PR)	
E1	1–3/4x2–6x7–0(PR)	"C" LABEL
F1	1–3/4x3–0x6–10(PR)	
G1	1/2"x3–0x7–0	TEMPERED GLASS FRAMELESS
H1	1 3/4x2–8x6–8	



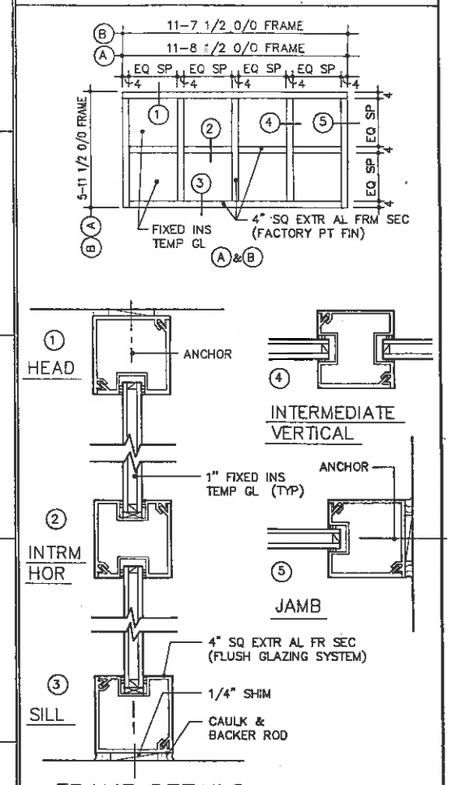


ALL DR T'HOLD'S, W'STRIPPING, AND GASKETING TO BE BRONZE.



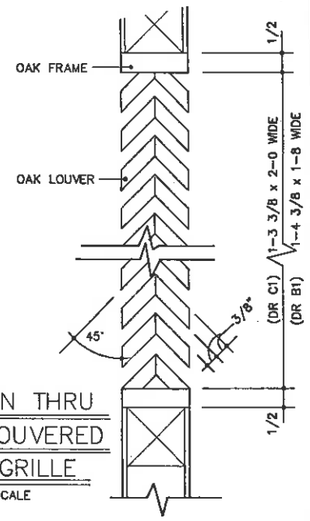
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328–460–15.84	NA	1991	MERCER	39	68

WINDOW SCHEDULE



FRAME DETAILS

3"=1'–0



SECTION THRU OAK LOUVERED DOOR GRILLE

HALF FULL SCALE

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

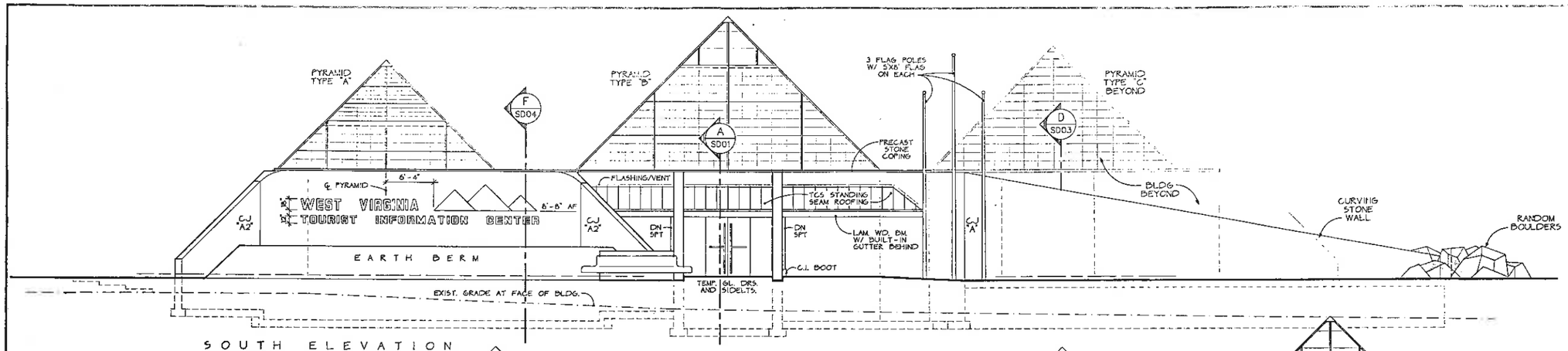
SCHEDULES

SCALED 1/4"=1'-0" | DRAWN BY AD | REVISED

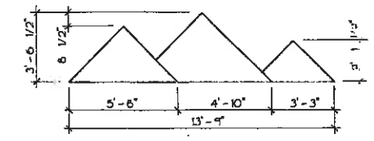
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE 1-4-91 | PROJECT NO. U328-460-15.84 | DRAWING NO. A501

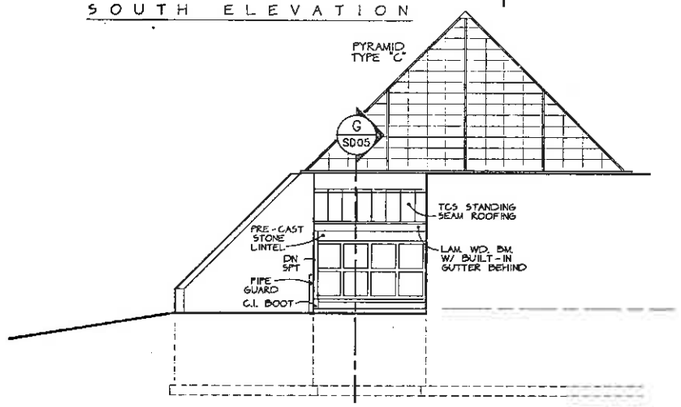
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	40	68



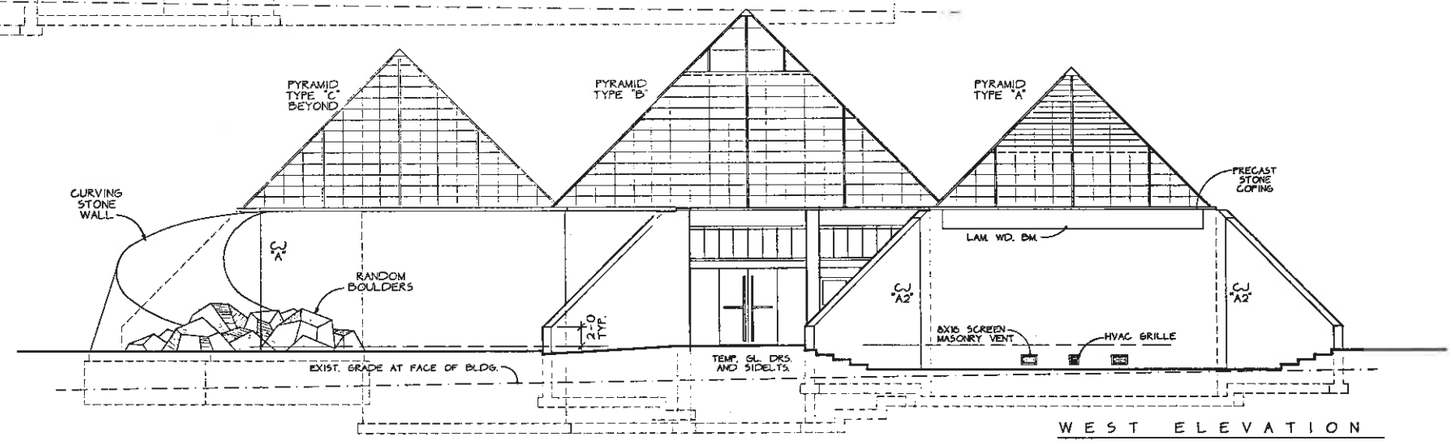
SOUTH ELEVATION



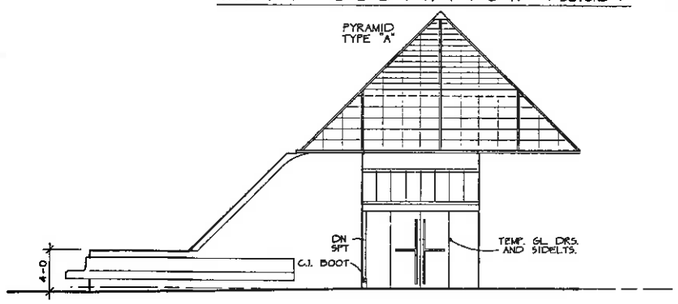
PRECAST STONE "MOUNTAINS"
SCALE: 1/4" = 1'-0"



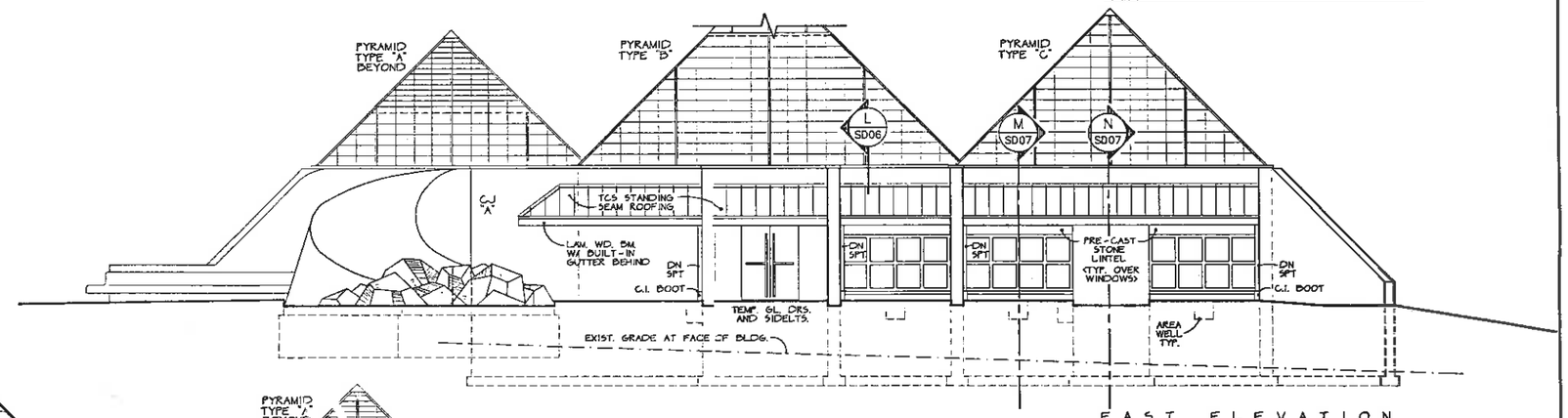
WEST ELEVATION (BEYOND)



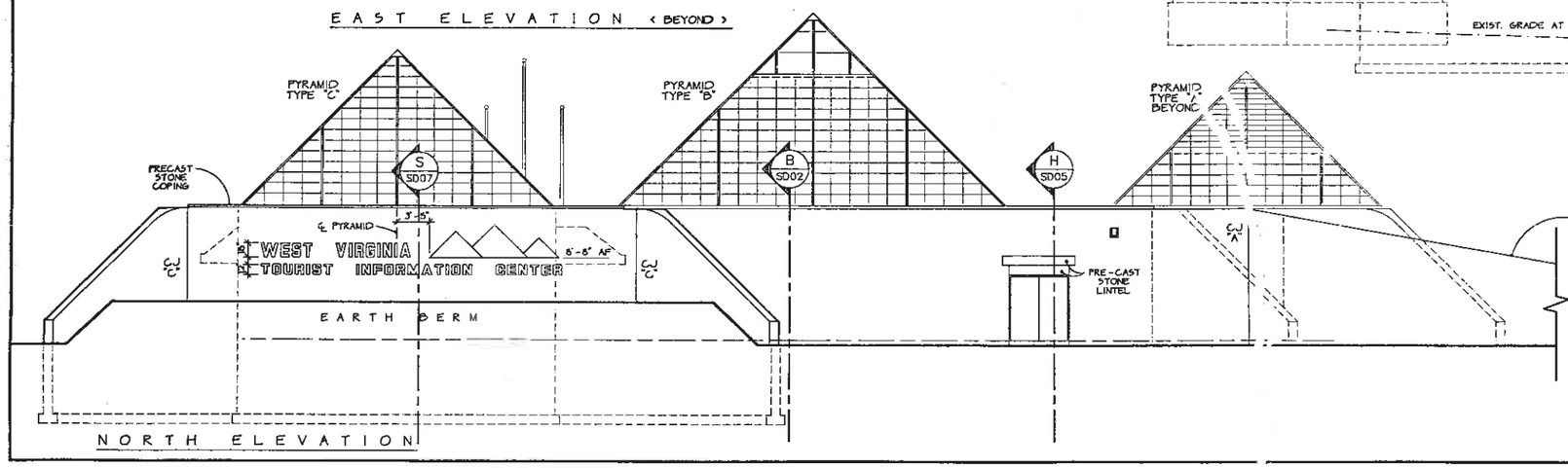
WEST ELEVATION



EAST ELEVATION (BEYOND)



EAST ELEVATION



NORTH ELEVATION

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

ELEVATIONS

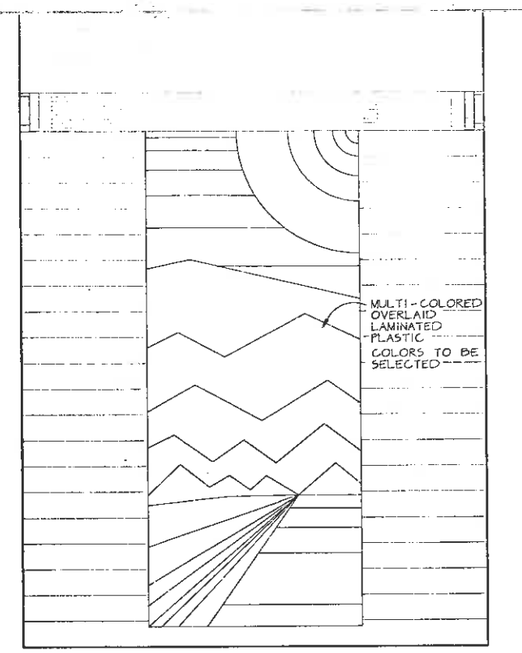
SCALE: 1/8"=1'-0" | DRAWN BY: TB | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

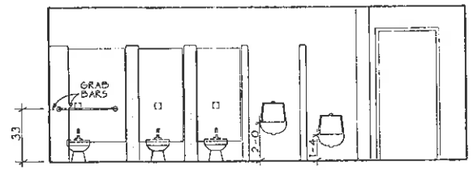
DATE: 5-24-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. AE01

1/8" 0 2 4 8 16

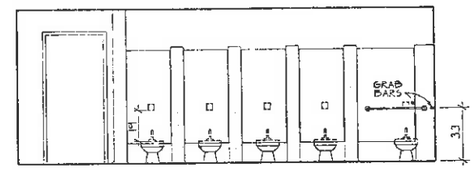
PUBLIC ROADS C.V.	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	41	68



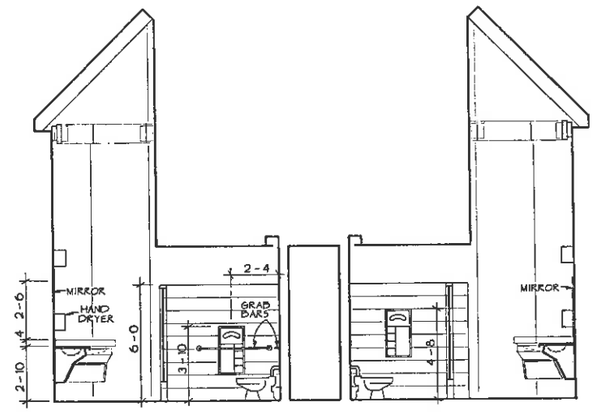
ELEVATION G - BLOW-UP
SCALE: 1/2" = 1'-0"



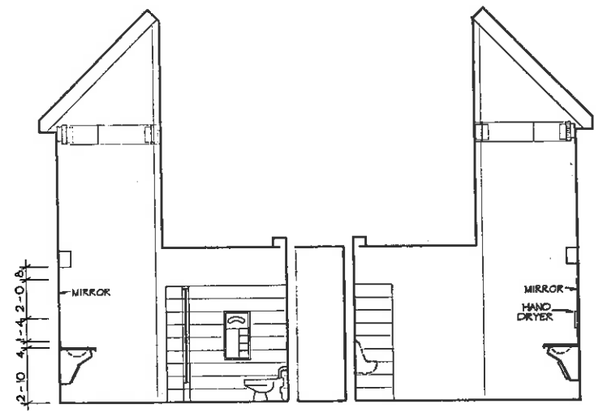
ELEVATION E



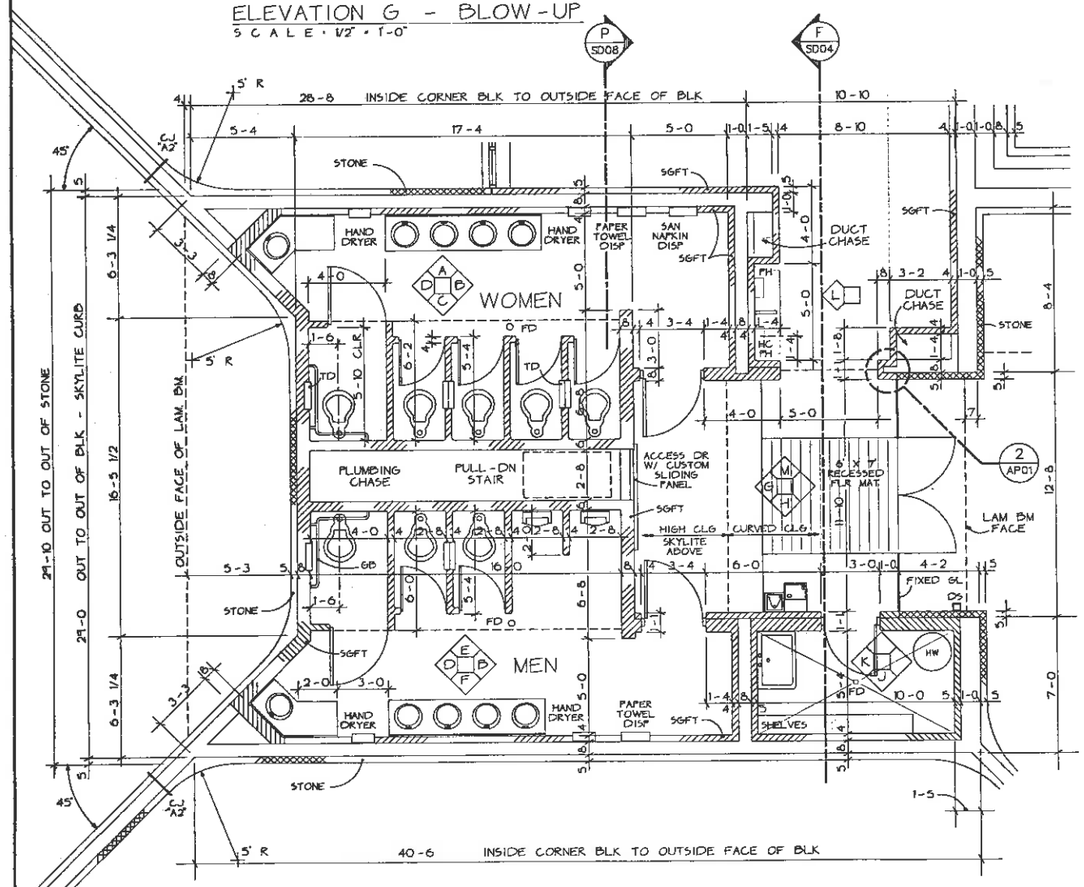
ELEVATION C



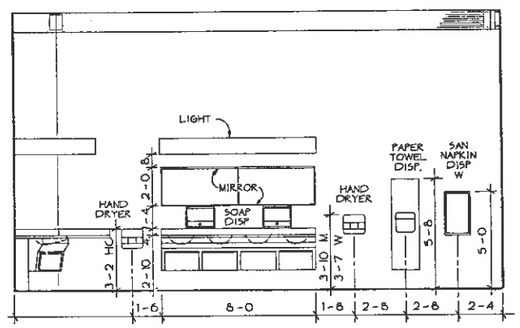
ELEVATION D



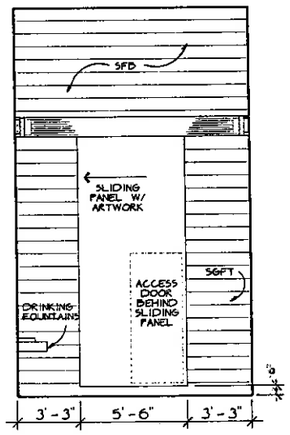
ELEVATION B



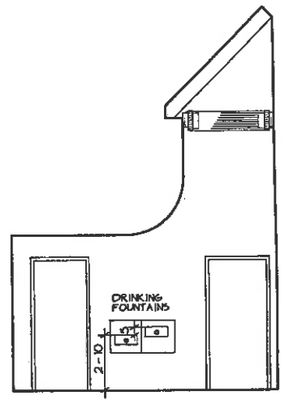
ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



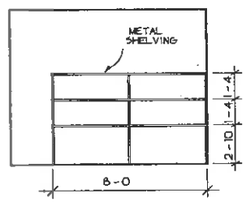
ELEVATION A - OTHER ELEVATION F SIMILAR



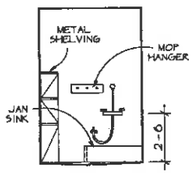
ELEVATION G
DETAIL ABOVE



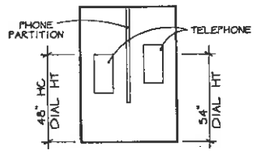
ELEVATION H



ELEVATION J



ELEVATION K



ELEVATION L

ELEVATION M (CC / AX02)

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

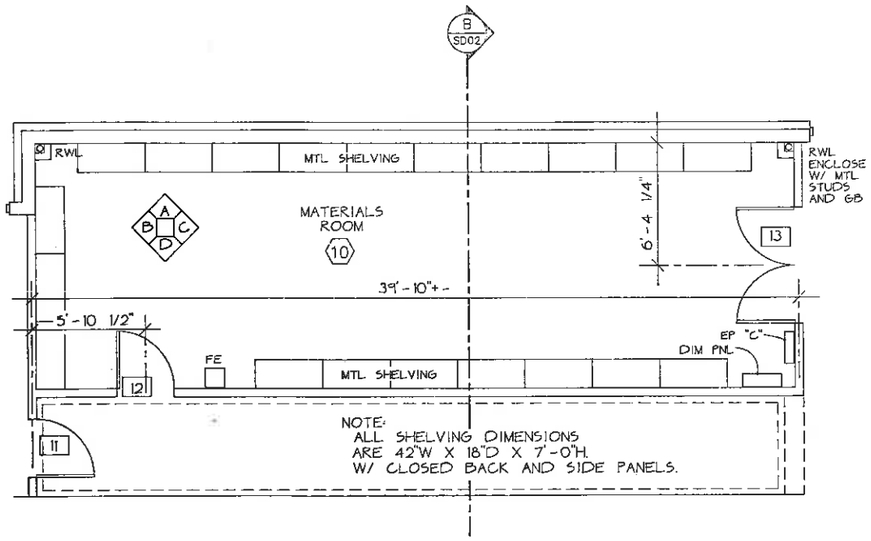
INTERIOR ELEVS. — SCALE: 1/4"=1'-0" — DRAWN BY: TD — REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 5-24-90 — PROJECT NO. U328-460-15.84 — DRAWING NO. 1E01

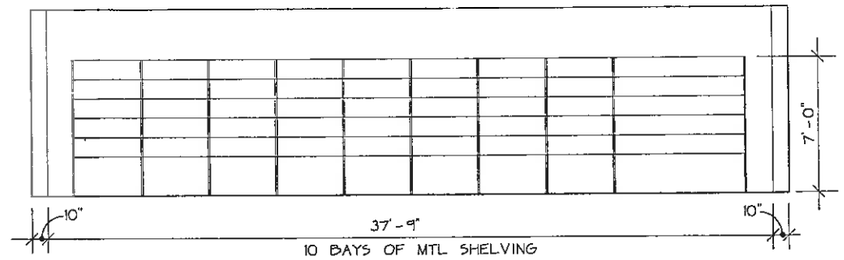
1/4" 0 1 2 4

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	42	68

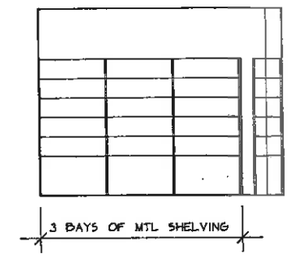


MATERIALS ROOM

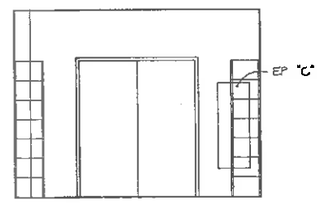
SCALE · 1/4" = 1'-0"



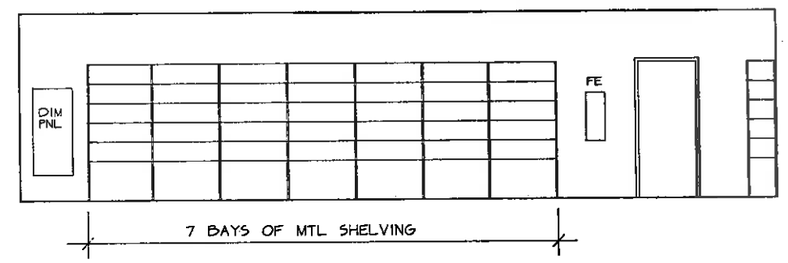
ELEVATION A



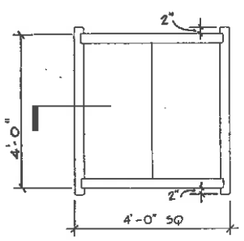
ELEVATION B



ELEVATION C



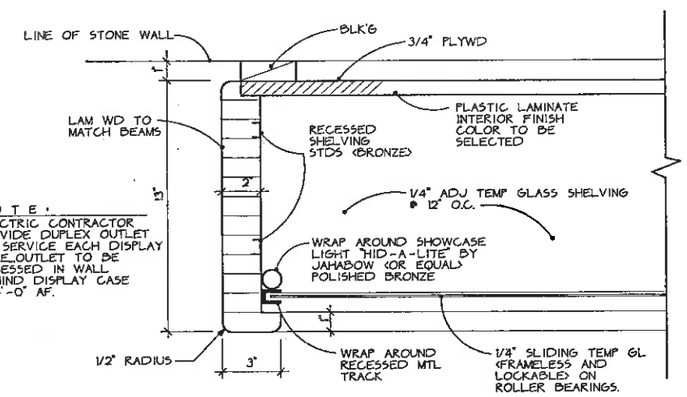
ELEVATION D



DISPLAY CASE ELEV

SCALE · 1/2" = 1'-0"

NOTE:
ELECTRIC CONTRACTOR PROVIDE DUPLEX OUTLET TO SERVICE EACH DISPLAY CASE. OUTLET TO BE RECESSED IN WALL BEHIND DISPLAY CASE @ 4'-0" AF.



DISPLAY CASE JAMB HEAD AND SILL SIMILAR

SCALE · 3" = 1'-0"

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

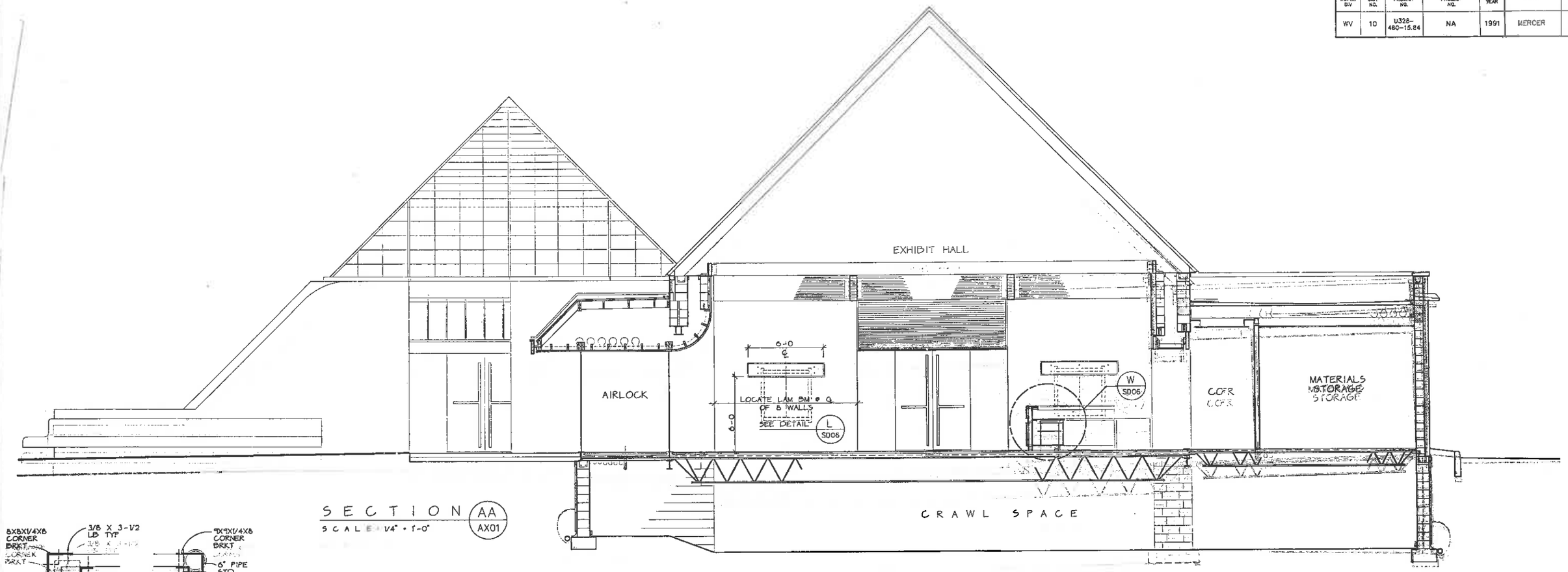
INTERIOR ELEVS.

SCALE 1/4"=1'-0" | DRAWN BY | REVISED

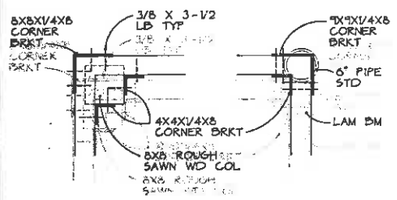
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE 5-24-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. IE02

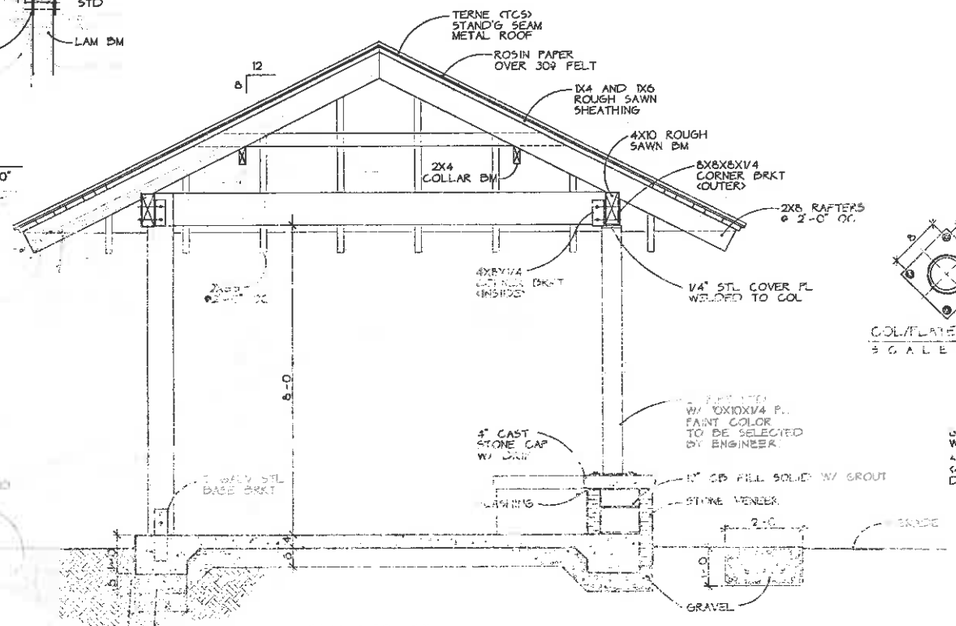
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	43	68



SECTION AA
SCALE 1/4" = 1'-0"
AX01

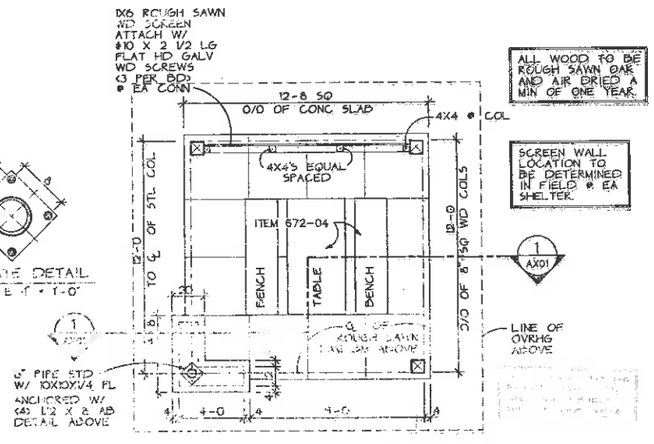


PLAN VIEW OF BM/COL CONN
SCALE 3/4" = 1'-0"



ITEM 672-03
PICNIC SHELTER
SECTION 1
AX01

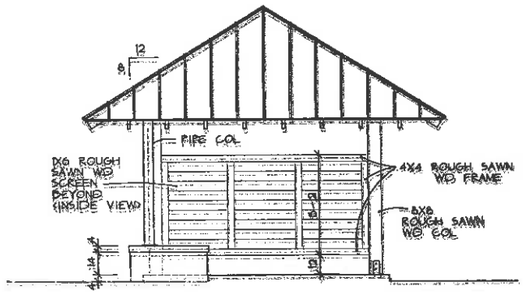
COL/PLATE DETAIL
SCALE 1" = 1'-0"



ALL WOOD TO BE ROUGH SAWN OAK AND AIR DRIED A MIN OF ONE YEAR.

SCREEN WALL LOCATION TO BE DETERMINED IN FIELD @ EA SHELTER.

ITEM 672-03
PICNIC SHELTER
PLAN
SCALE 1/4" = 1'-0"



ITEM 672-03
PICNIC SHELTER
ELEVATION
SCALE 1/4" = 1'-0"

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS
REGISTERED
No. 670
ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

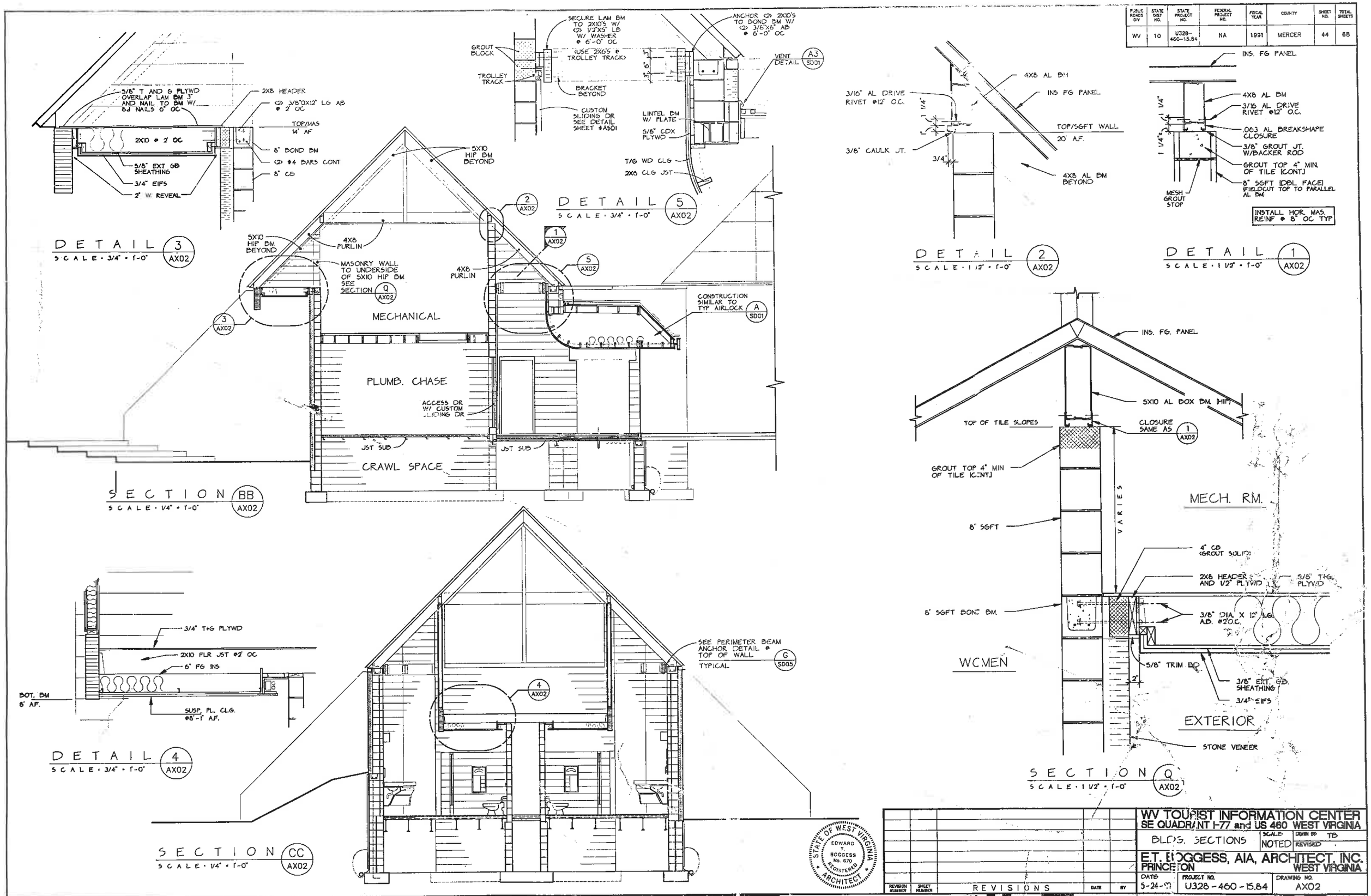
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

BLDG. SECTIONS | SCALE 1/4" = 1'-0" | DRAWN BY TB | REVISED

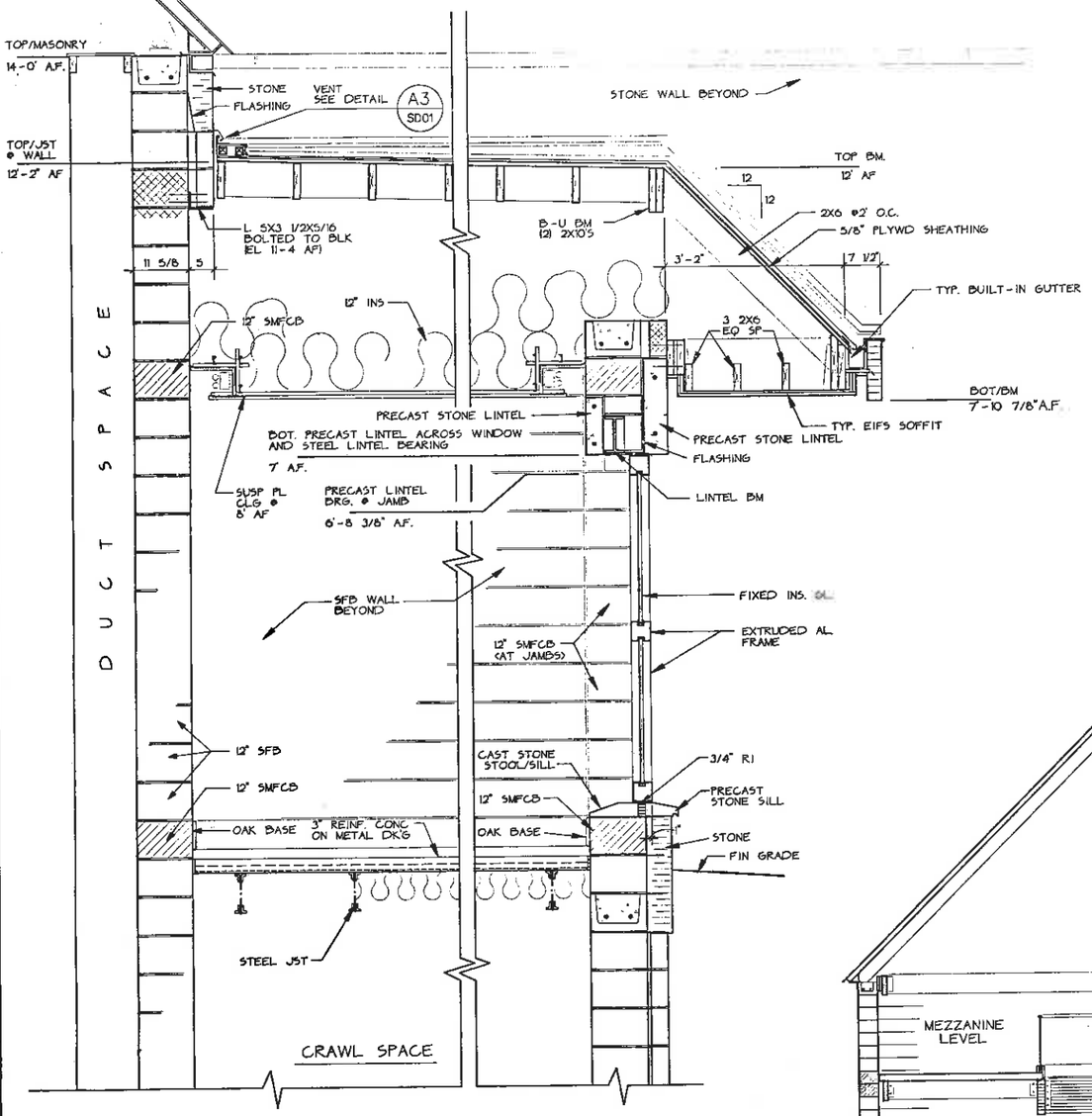
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE	PROJECT NO.	DRAWING NO.
6-10-90	U328-460-15.84	AX01

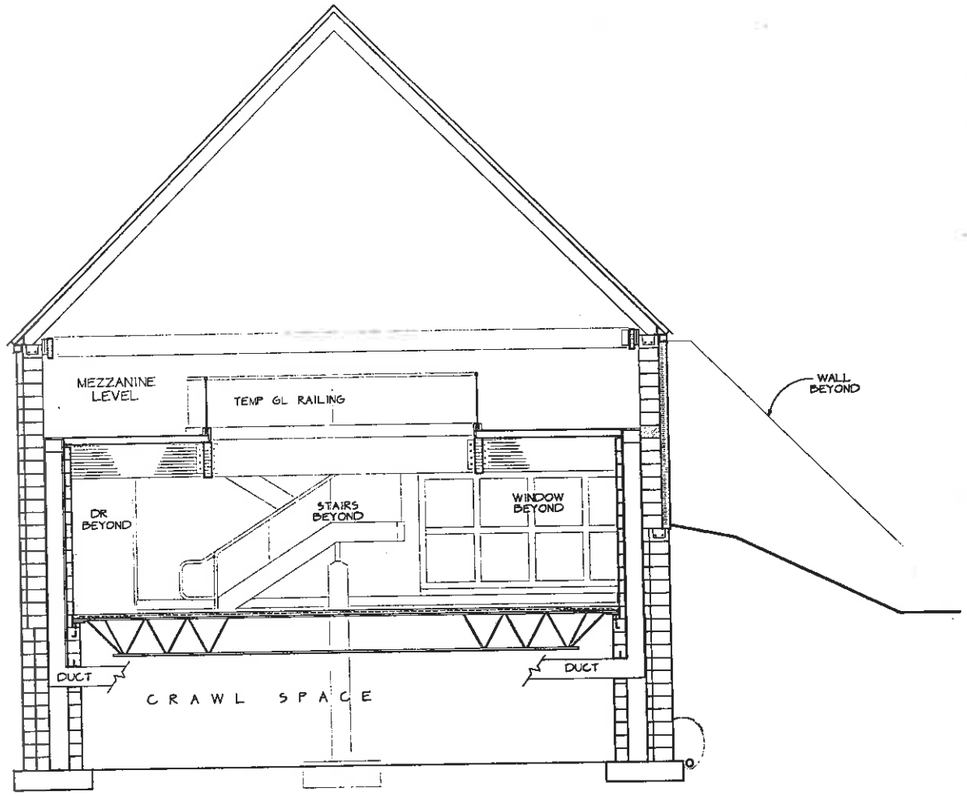
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	44	68



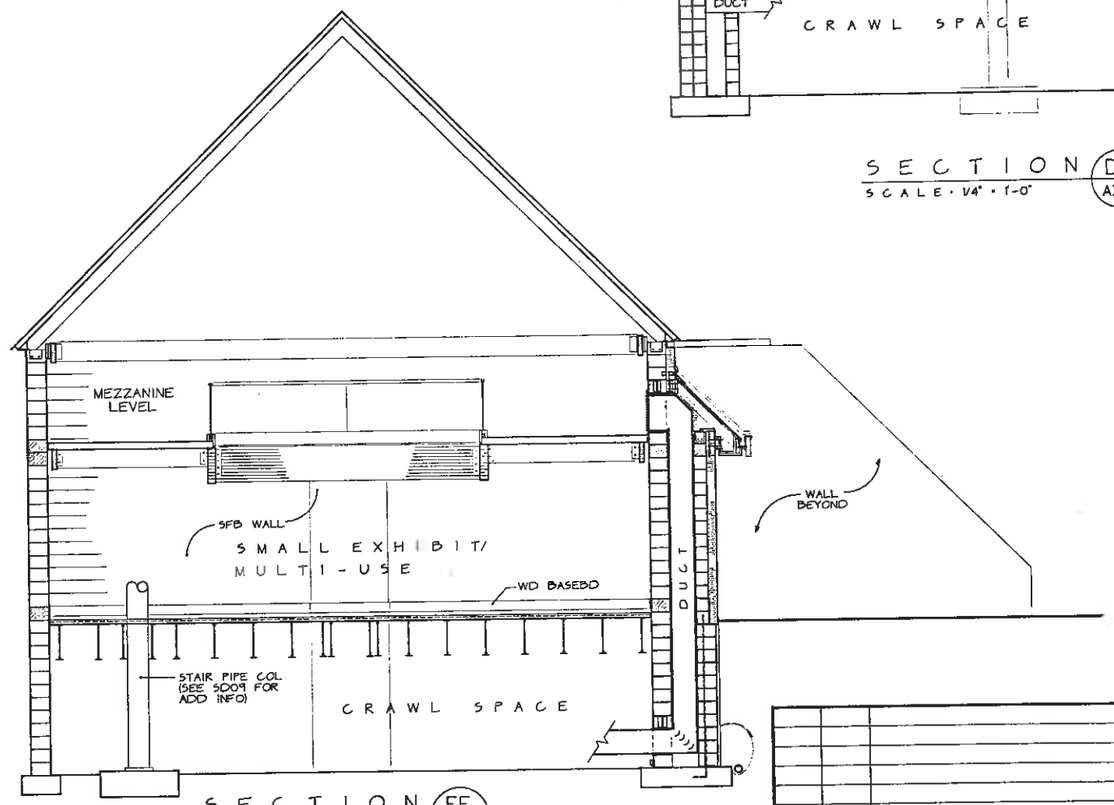
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	45	68



SECTION T AX03
SCALE · 3/4" = 1'-0"



SECTION DD AX03
SCALE · 1/4" = 1'-0"



SECTION EE AX03
SCALE · 1/4" = 1'-0"

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 20
REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

3/4" 0 1 2 4

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

BLDG. SECTIONS

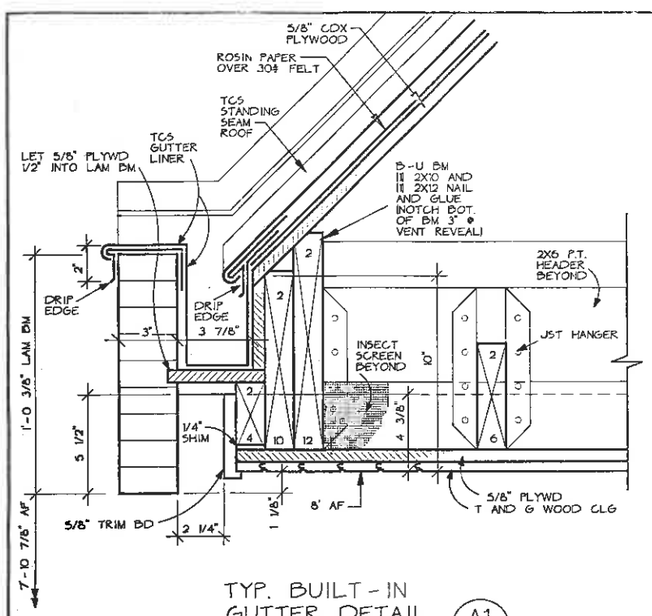
SCALE: NOTED
DRAWN BY: TB
REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE:
PROJECT NO. U328-460-15.84
DRAWING NO. AX03

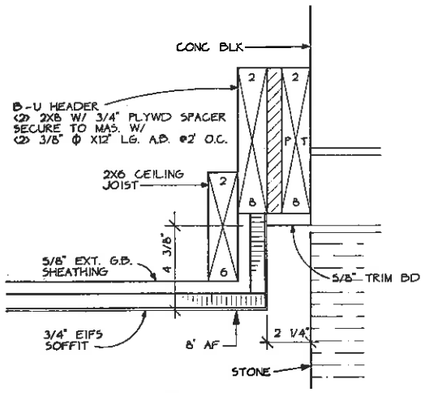
1/4" 0 1 2 4

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	46	68



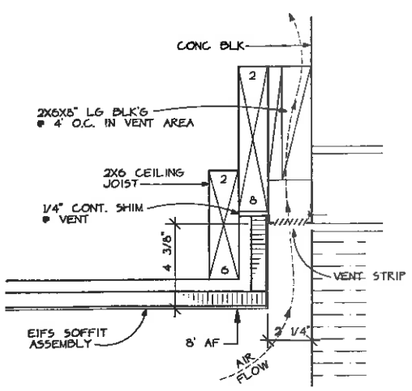
TYP. BUILT-IN GUTTER DETAIL (A1 / SD01)

SCALE · 3" = 1'-0"



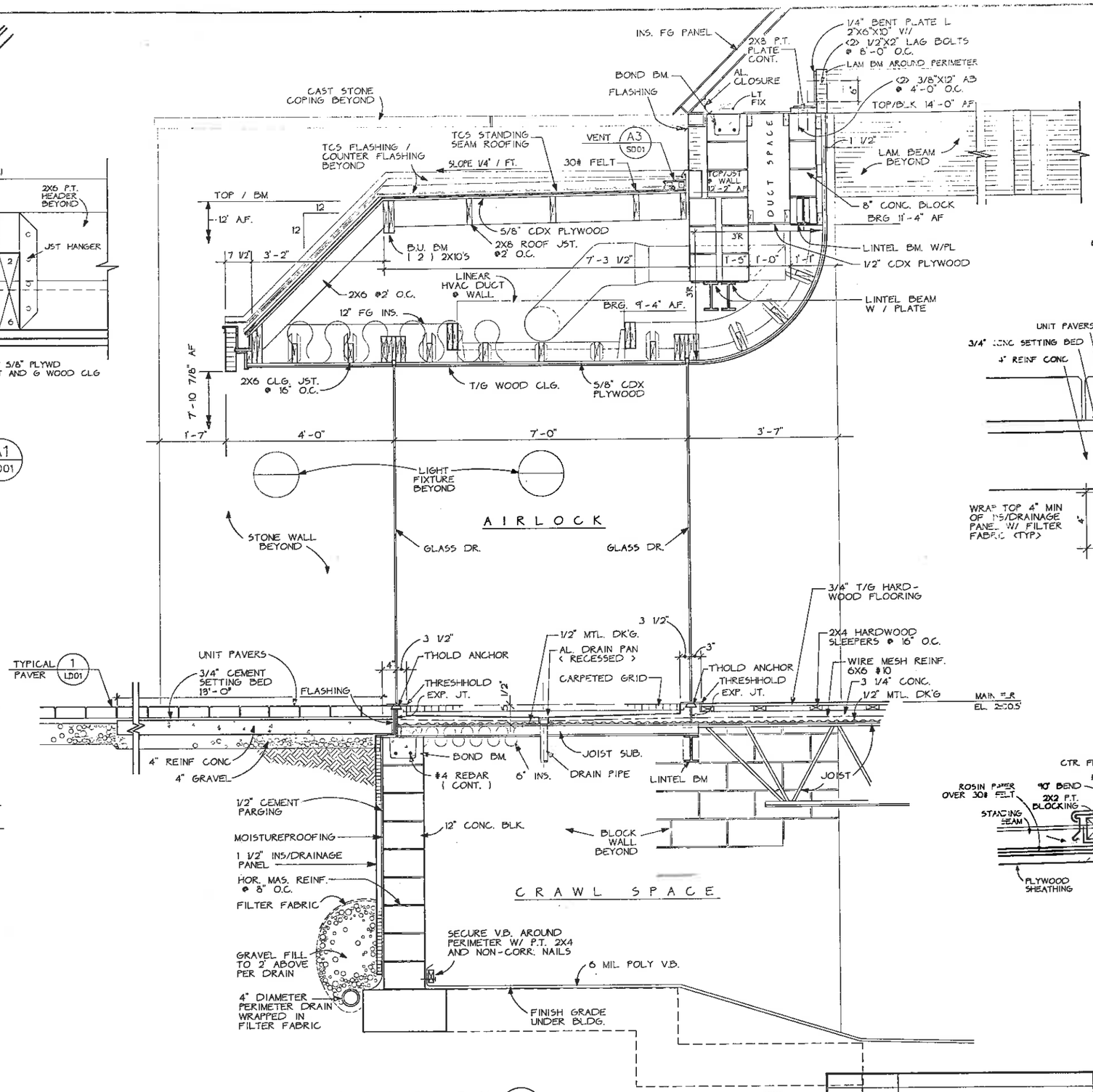
EIFS SOFFIT/REVEAL DETAIL PARALLEL TO JOISTS

SCALE · 3" = 1'-0"



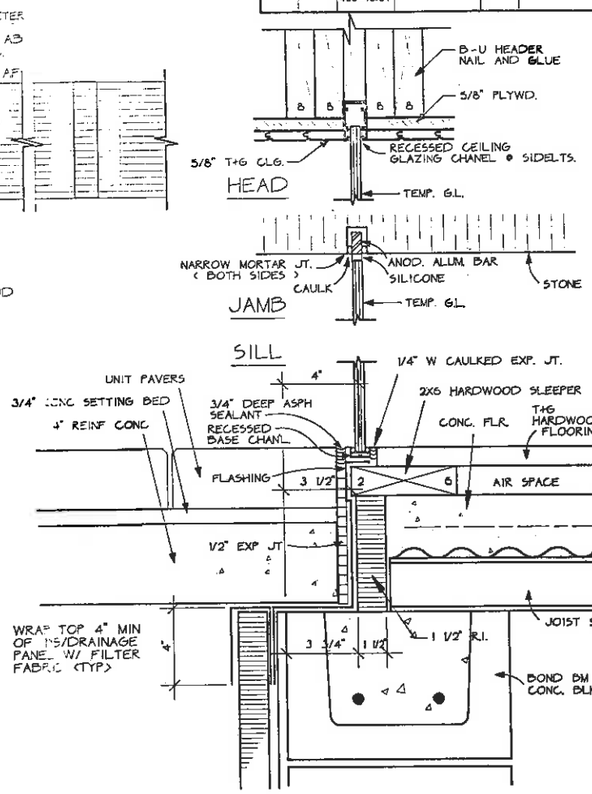
EIFS SOFFIT/REVEAL DETAIL PARALLEL TO JOISTS @ VENT STRIP

SCALE · 3" = 1'-0"



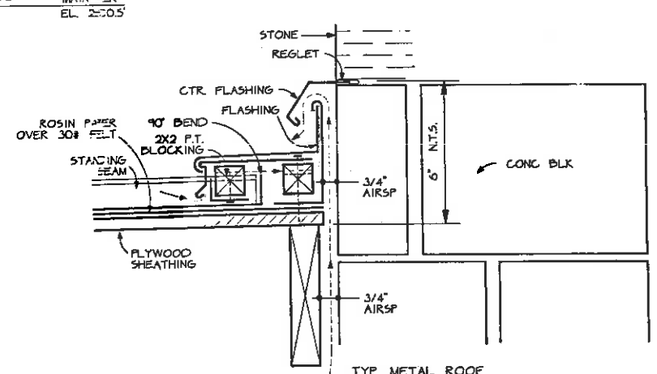
SECTION A (SD01)

SCALE · 3/4" = 1'-0"



TEMP. GLASS DOOR SIDELITE DETAILS (A2 / SD01)

SCALE · 3" = 1'-0"



VENT DETAIL (A3 / SD01)

NO SCALE

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 — REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

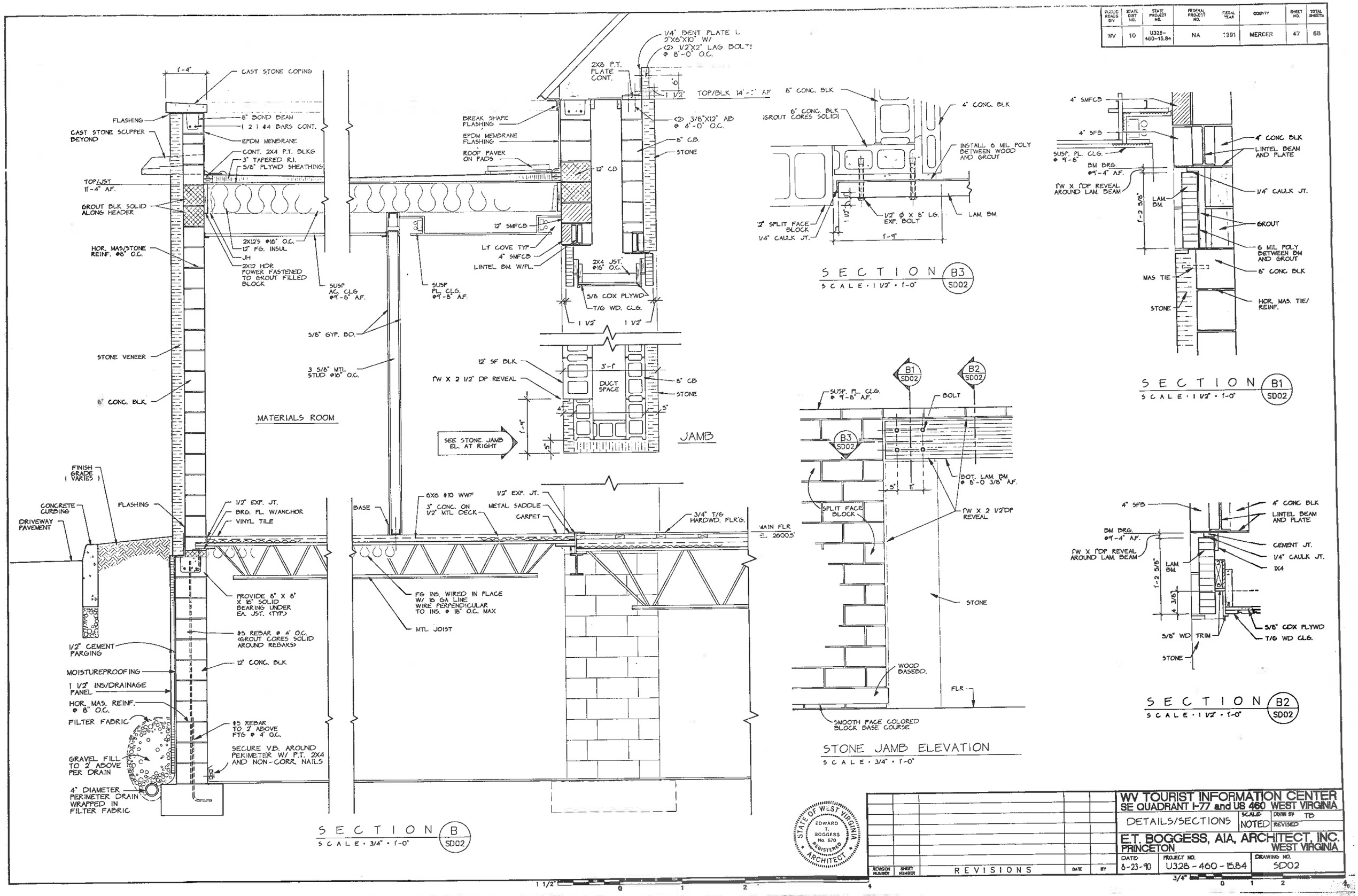
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

DETAILS/SECTIONS — SCALE: NOTED — DRAWN BY: TB — REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 8-20-90 — PROJECT NO. U328-460-15.84 — DRAWING NO. SD01

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	47	68



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

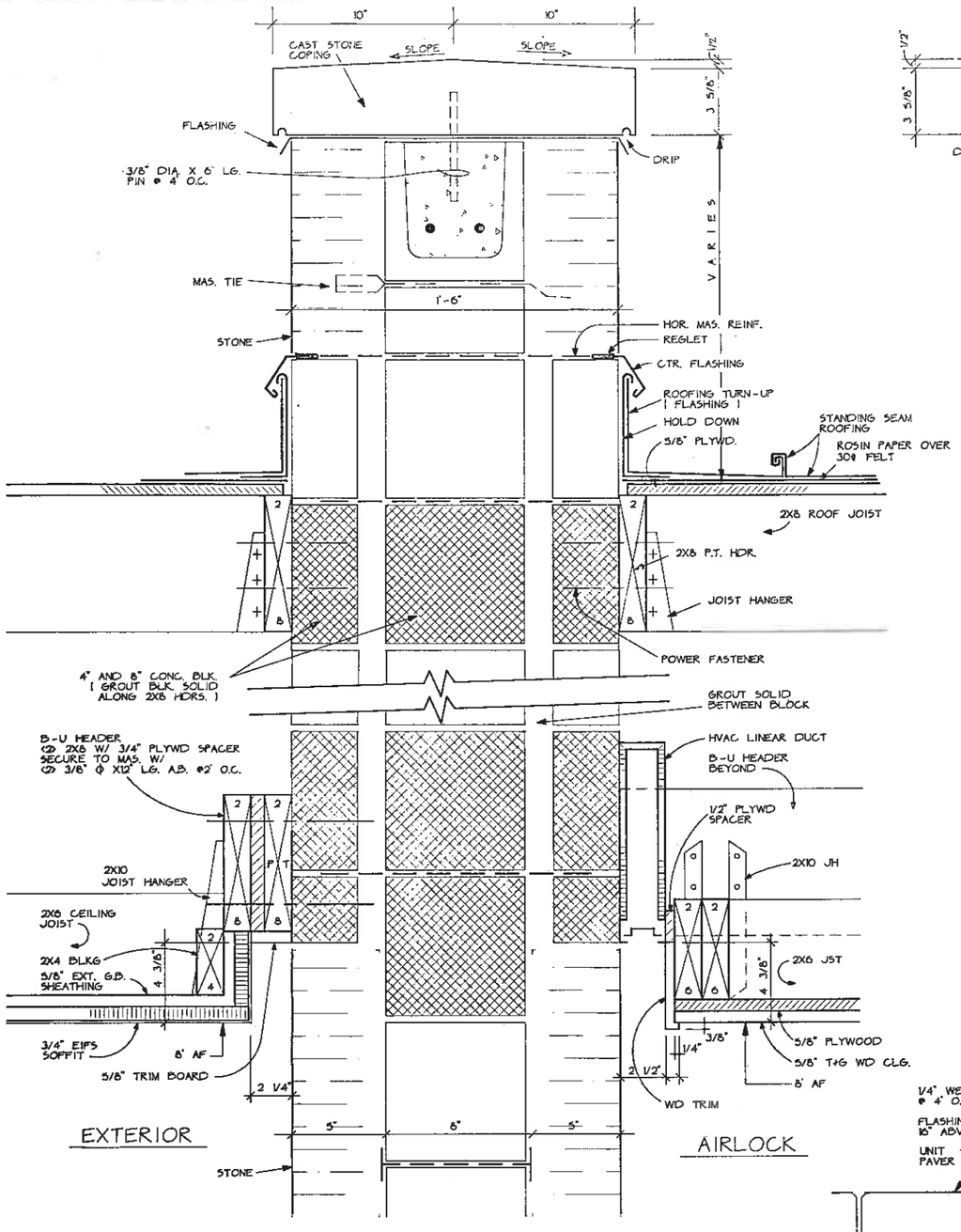
DETAILS/SECTIONS

SCALE: NOTED | DRAWN BY: TB | REVISED

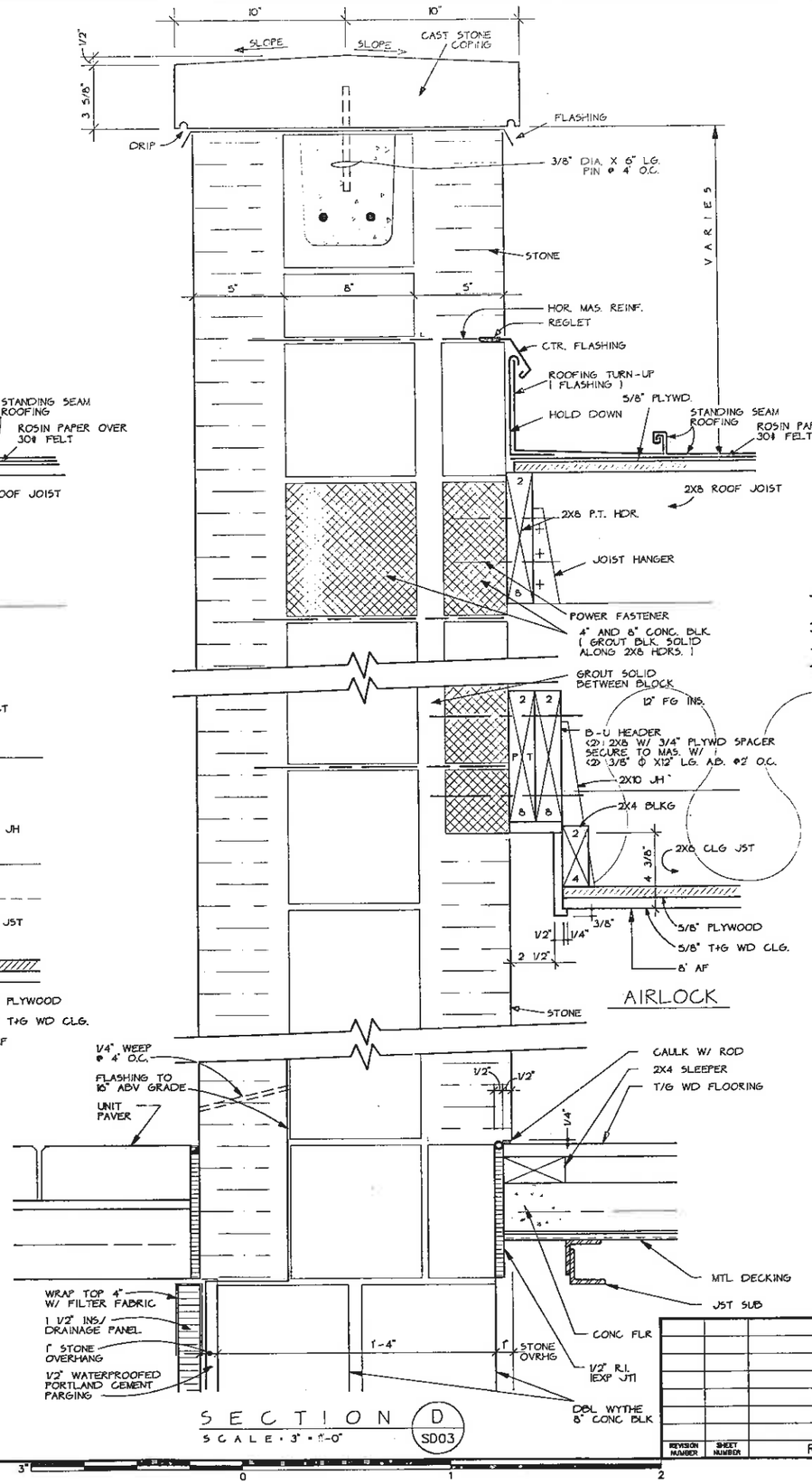
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 8-23-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. SD02

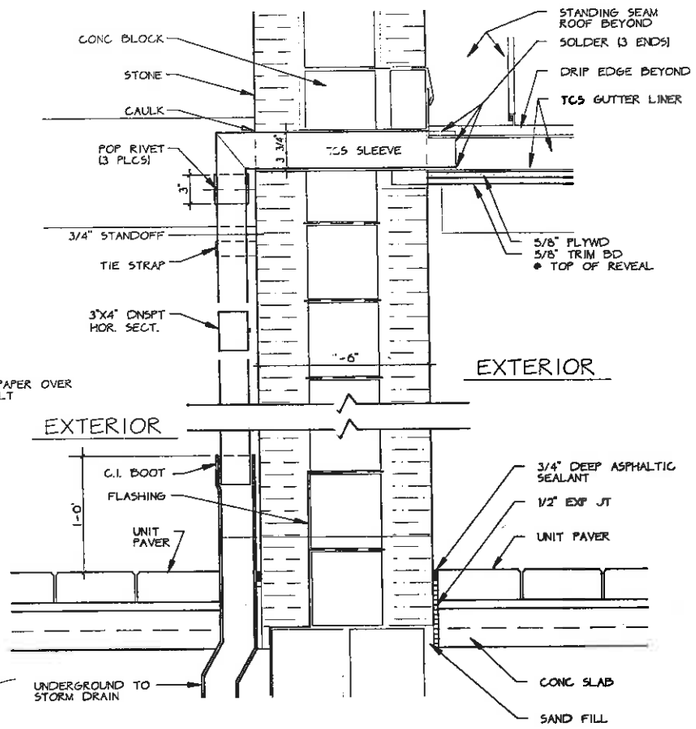
FUNCTIONAL ROAD SYSTEM	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	48	68



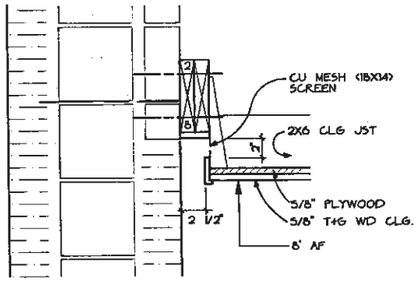
SECTION C
SCALE: 3" = 1'-0"
SD03



SECTION D
SCALE: 3" = 1'-0"
SD03



SECTION @ GUTTER SLEEVE & DOWNSPOUT SECTION CONNECTION
SCALE: 1 1/2" = 1'-0"



WOOD SOFFIT REVEAL DETAIL @ VENT
SCALE: 1 1/2" = 1'-0"
D1
SD03

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

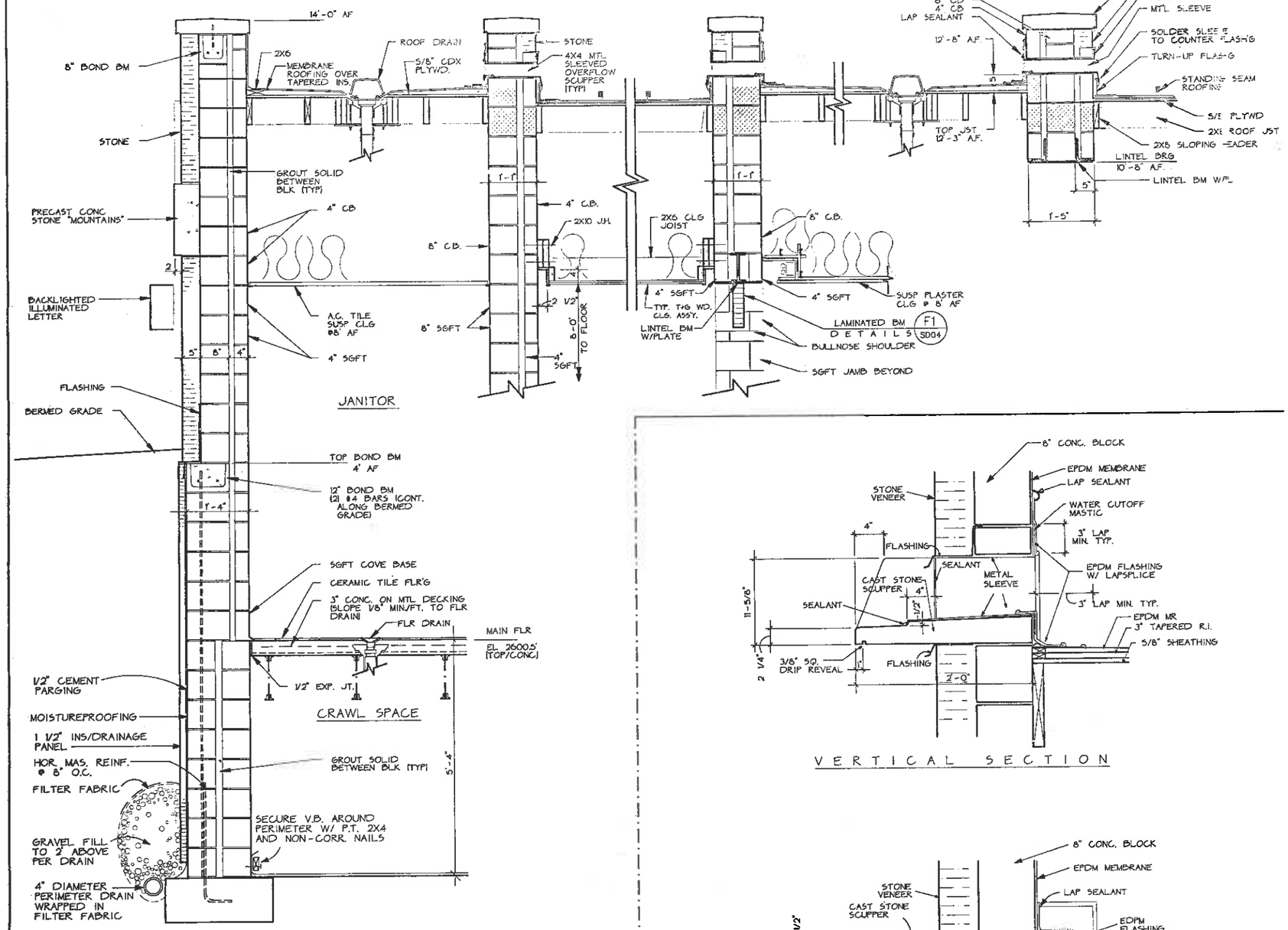
DETAILS/SECTIONS

SCALE: NOTED | DRAWN BY: TB | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

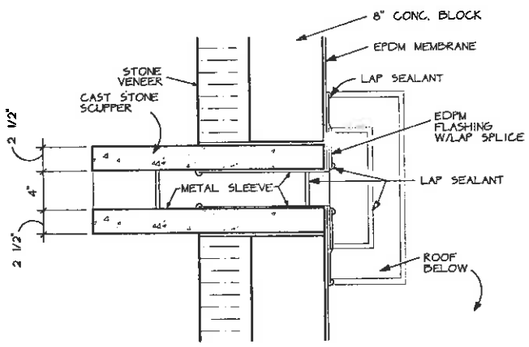
DATE: 8-1-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. SD03

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	49	65



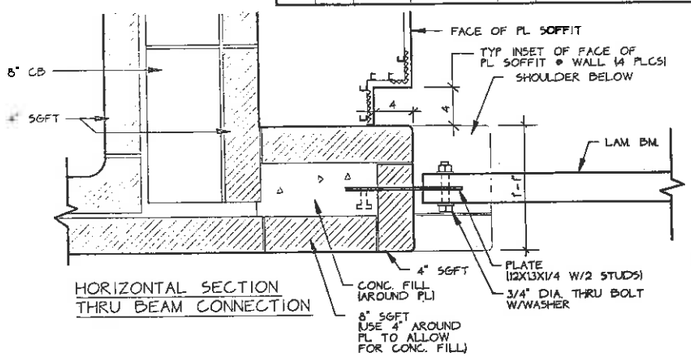
SECTION F SD04
SCALE · 3/4" = 1'-0"

VERTICAL SECTION

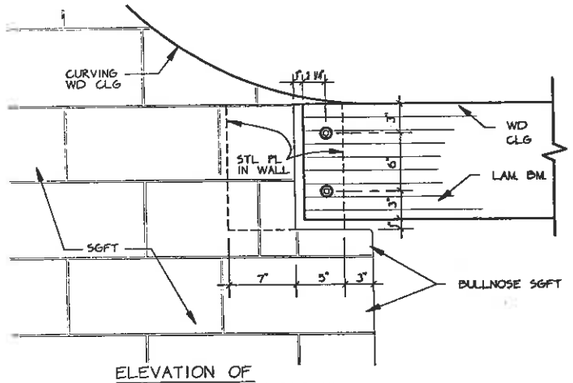


HORIZONTAL SECTION

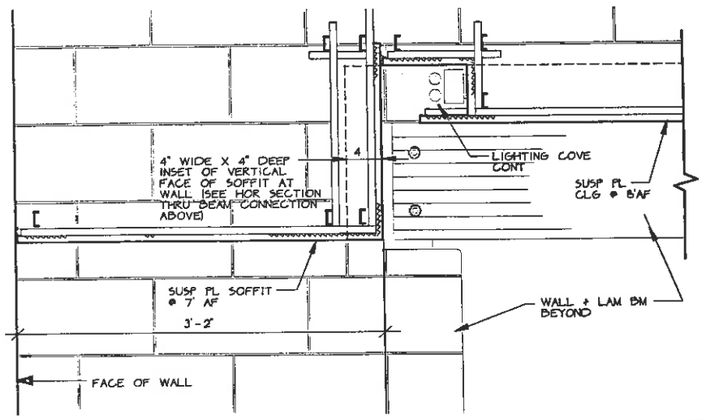
SCUPPER DETAILS F2 SD04
SCALE · 1 1/2" = 1'-0"



HORIZONTAL SECTION THRU BEAM CONNECTION



ELEVATION OF LAM. BEAM CONNECTION TO WALL (RM 06 — FOYER)



SECTION THRU SUSP DROPPED PLASTER SOFFIT ADJACENT WALL (RM 07 — VENDING)

LAM. BM. DETAILS F1 SD04
SCALE · 1 1/2" = 1'-0"

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

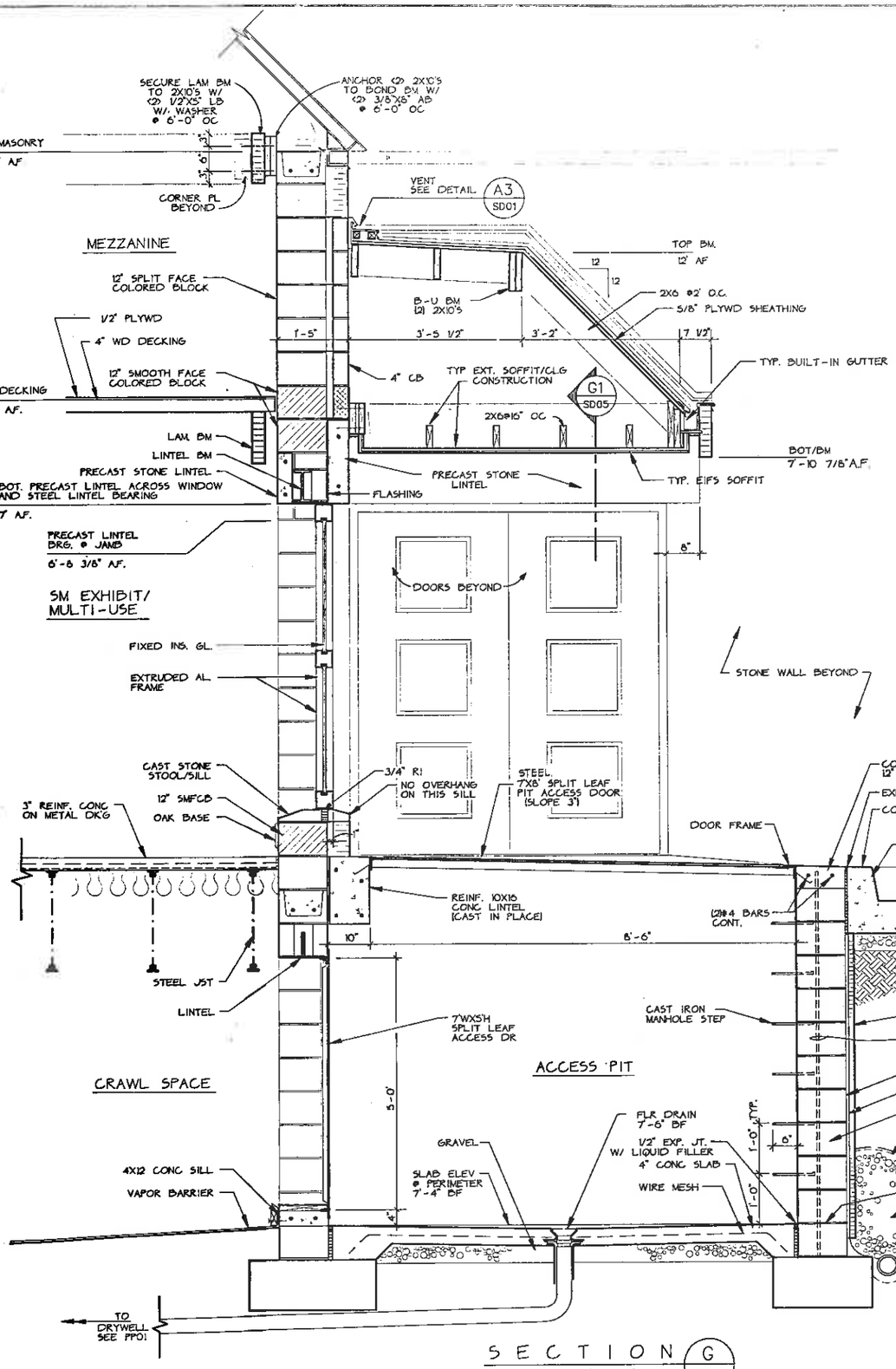
DETAILS/SECTIONS | SCALE: NOTED | DRAWN BY: TB AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

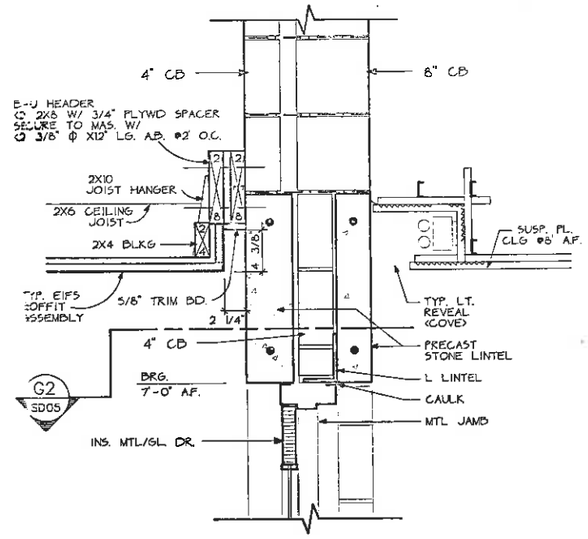
DATE: 8-30-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. SD04

1 1/2" 0 1 2 4
3/4" 0 1 2 4

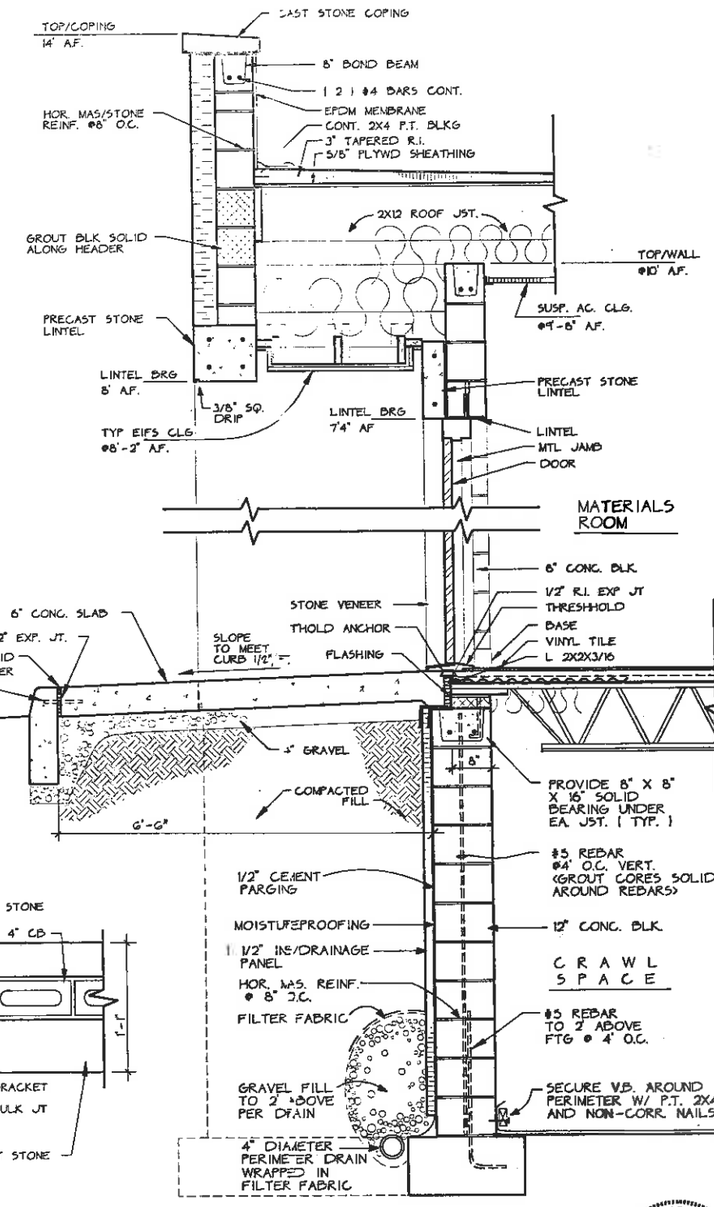
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	50	68



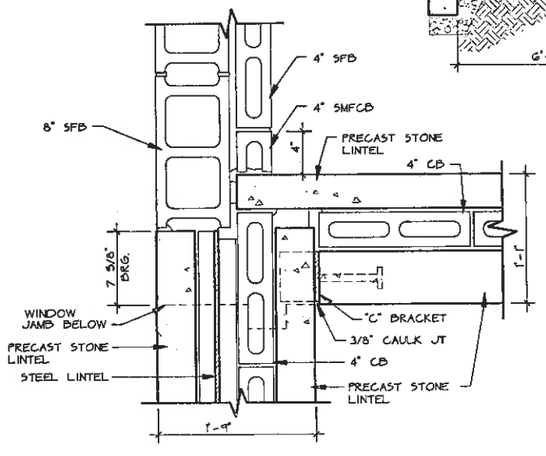
SECTION G SD05
SCALE: 3/4" = 1'-0"



SECTION G1 SD05
SCALE: 1 1/2" = 1'-0"



SECTION H SD05
SCALE: 3/4" = 1'-0"



SECTION G2 SD05
SCALE: 1 1/2" = 1'-0"

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

DETAILS/SECTIONS | SCALE: NOTED | DRAWN BY: TB | REVISED

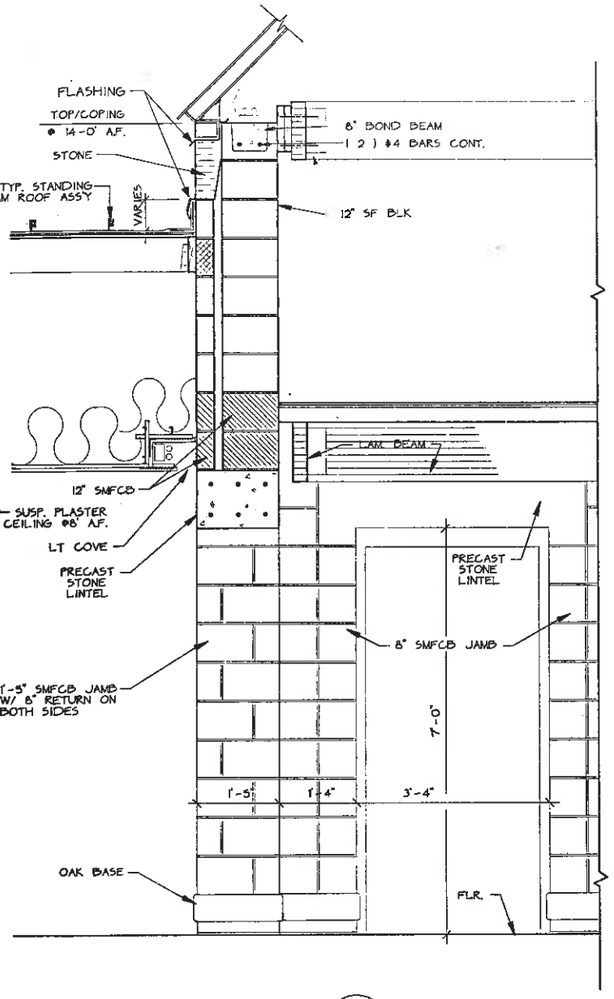
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE | PROJECT NO. U328-460-15.84 | DRAWING NO. SD05

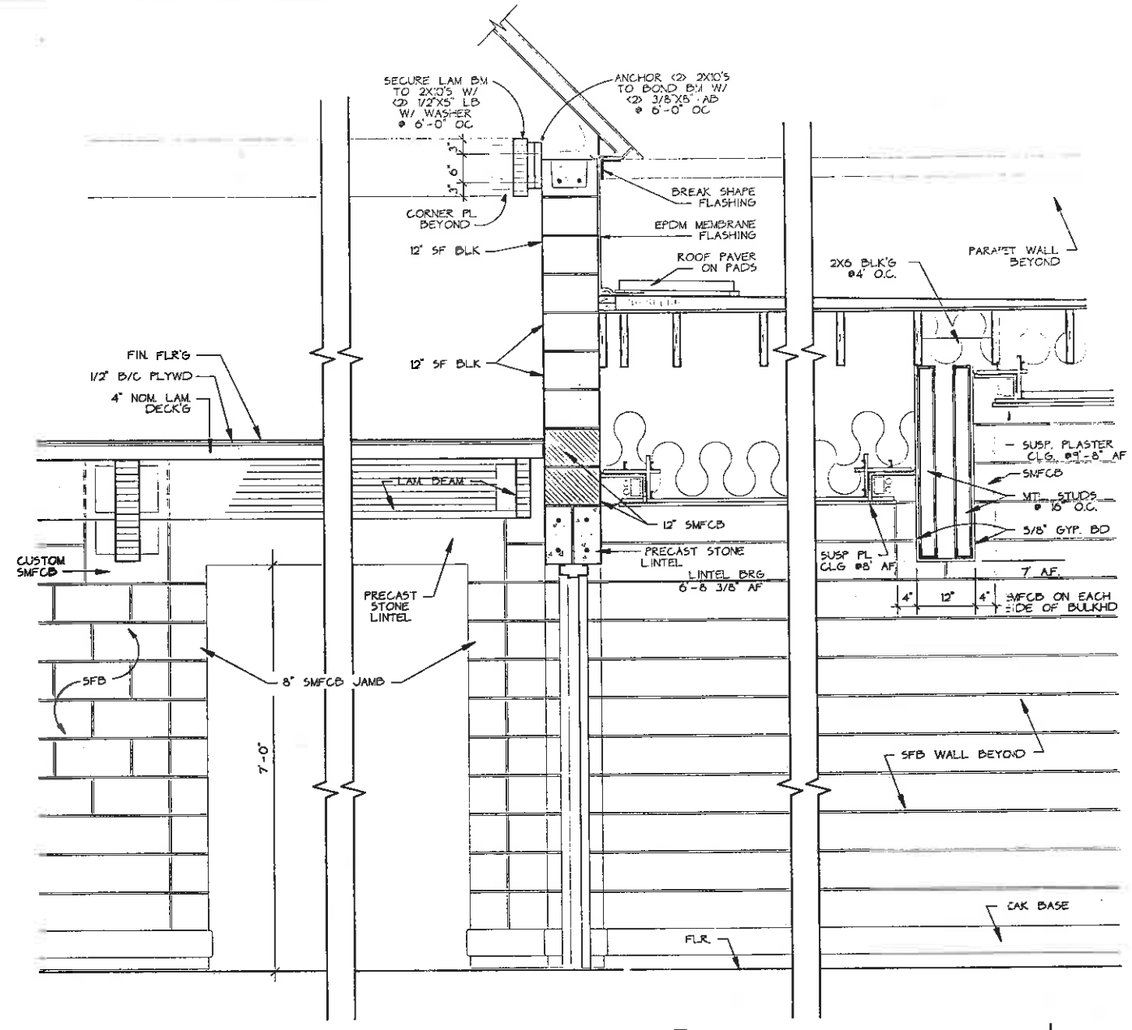
1 1/2" 0 1 2 4
3/4" 0 1 2

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	51	68

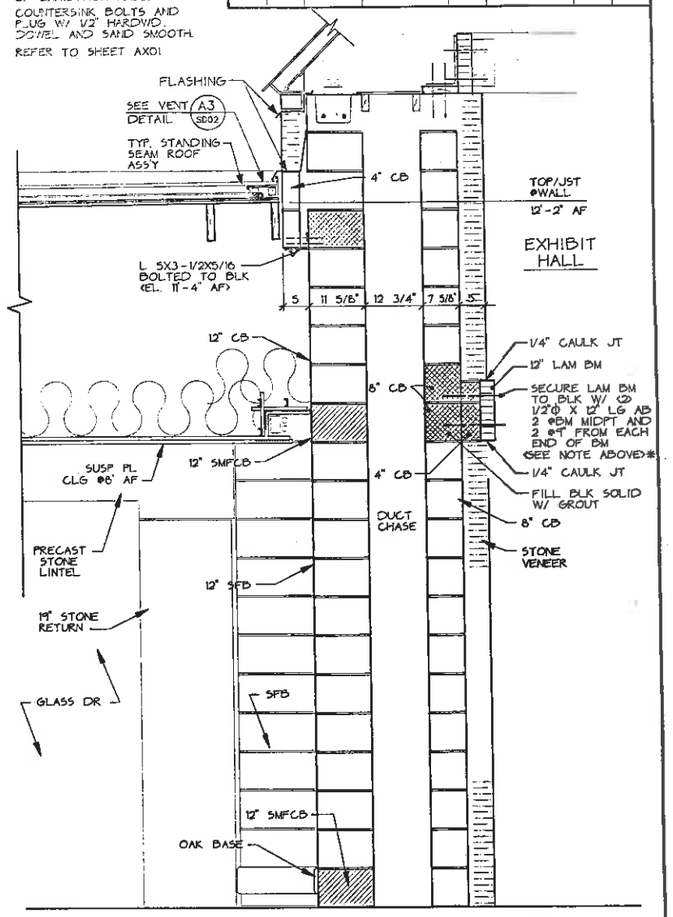
*NOTE:
LAM BM BRG @ 6'-0" AF
BM LENGTH TO BE 6'-0"
CENTERED IN 8 WALLS
OF EXHIBITION HALL.
COUNTERSINK BOLTS AND
PLUG W/ 1/2" HARDWD
DOWEL AND SAND SMOOTH.
REFER TO SHEET AX01



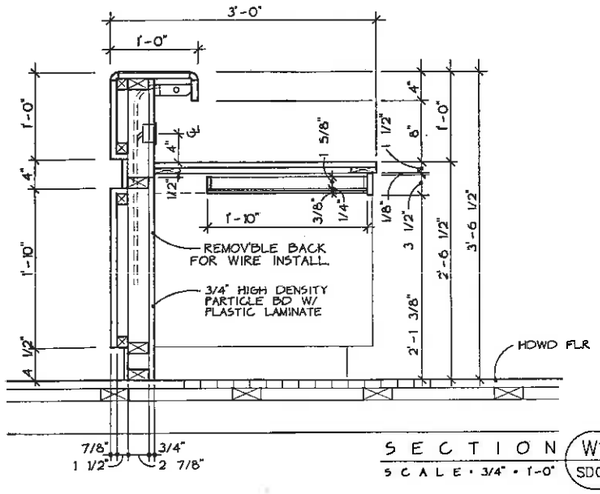
SECTION J SD06
SCALE · 3/4" = 1'-0"



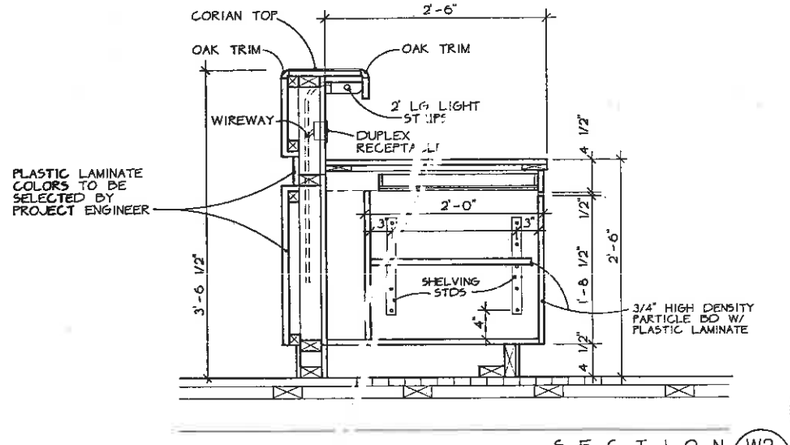
SECTION K SD06
SCALE · 3/4" = 1'-0"



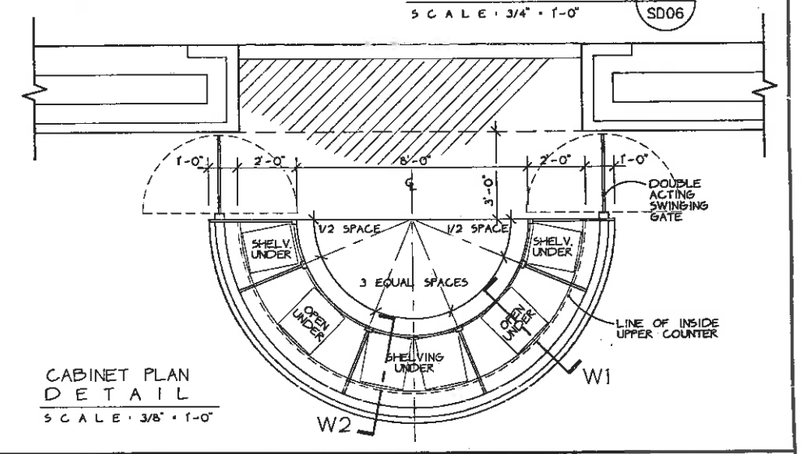
SECTION L SD06
SCALE · 3/4" = 1'-0"



SECTION W1 SD06
SCALE · 3/4" = 1'-0"



SECTION W2 SD06
SCALE · 3/4" = 1'-0"



CABINET PLAN DETAIL
SCALE · 3/8" = 1'-0"

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

DETAILS/SECTIONS

SCALE: NOTED
DRAWN BY
REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 9-11-90
PROJECT NO. U328-460-15.84
DRAWING NO. SD06

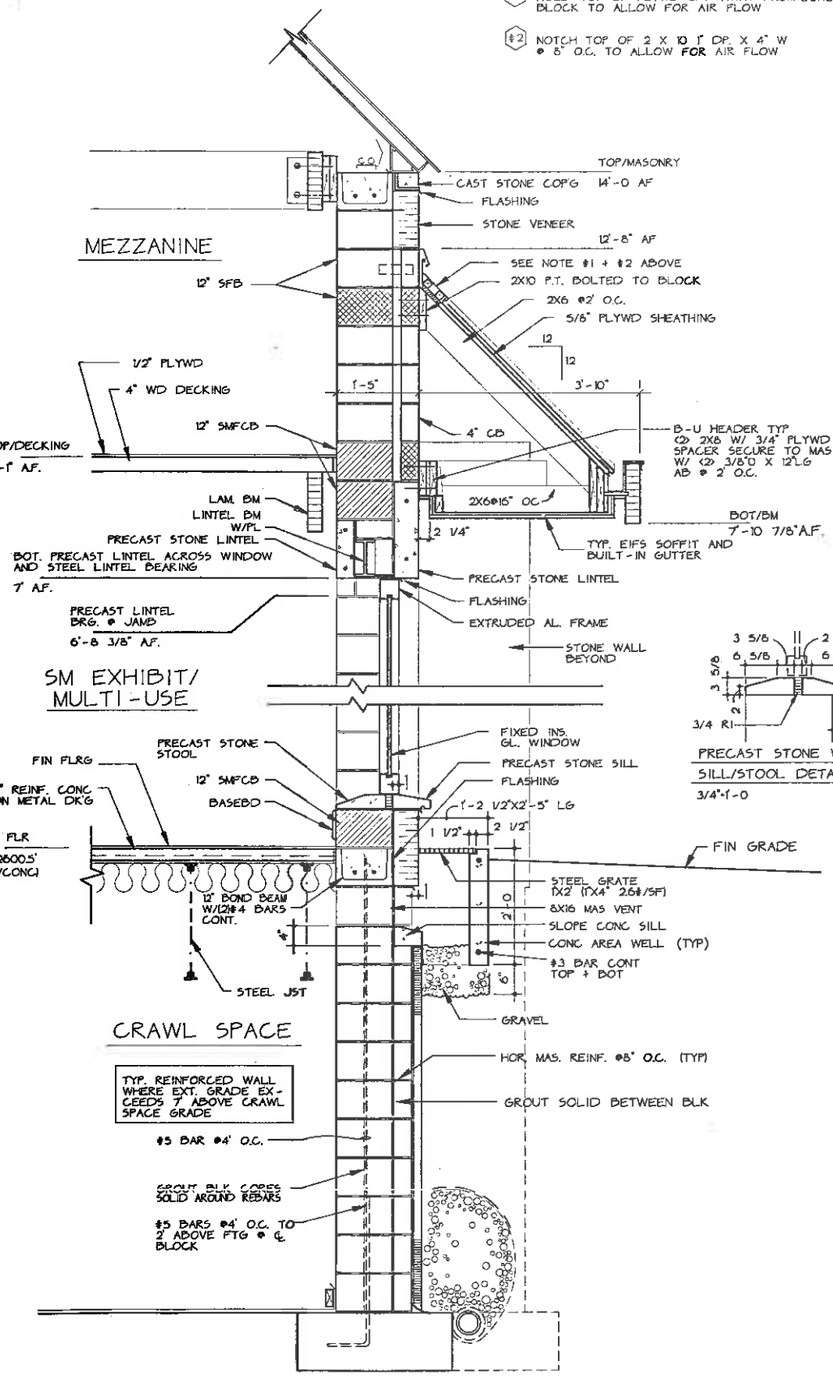
3/4" 0 1 2 4
1/2" 0 1 2 4 8
3/8" 0 1 2 4 8"

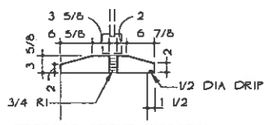
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	52	68

NOTES:

#1 HOLD TOP OF PLYWD 3/4" AWAY FROM CONC. BLOCK TO ALLOW FOR AIR FLOW

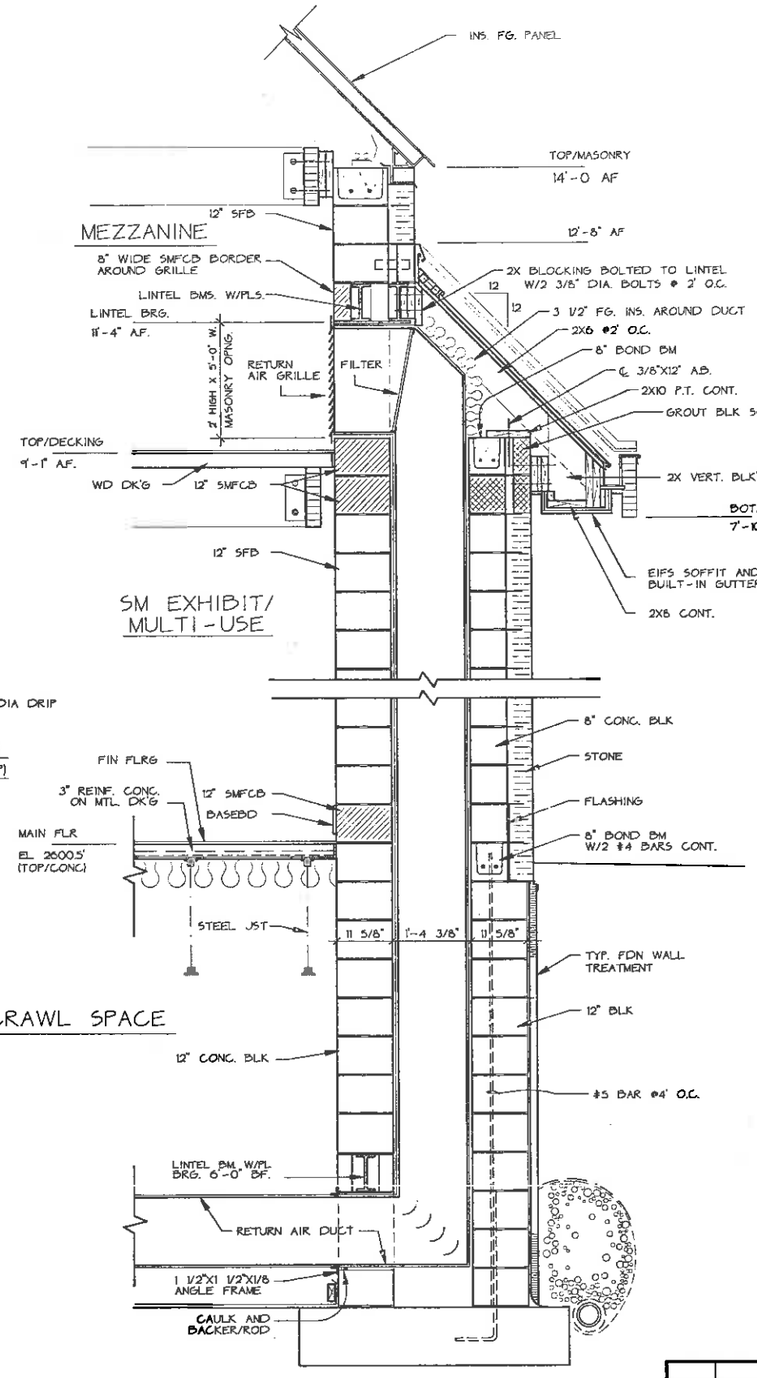
#2 NOTCH TOP OF 2 X 10 1" DP. X 4" W @ 8" O.C. TO ALLOW FOR AIR FLOW



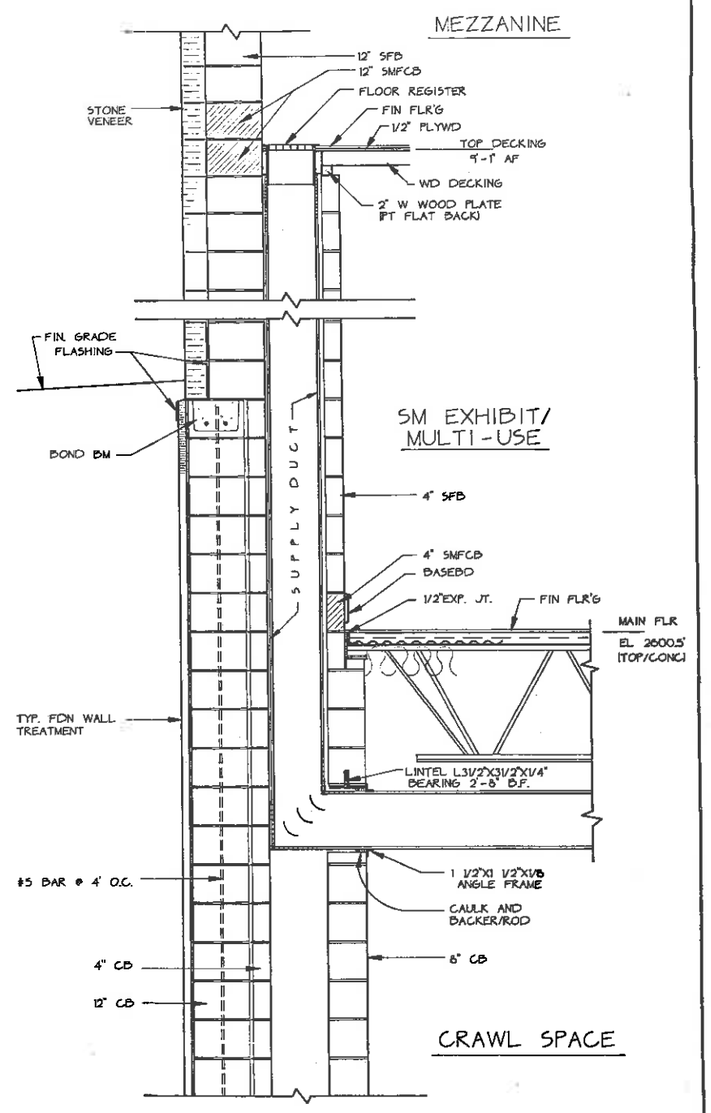


PRECAST STONE WINDOW SILL/STOOL DETAIL (TYP)
3/4"=1'-0

SECTION M
SCALE: 3/4" = 1'-0"
SD07



SECTION N
SCALE: 3/4" = 1'-0"
SD07



SECTION S
SCALE: 3/4" = 1'-0"
SD07

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

DETAILS/SECTIONS

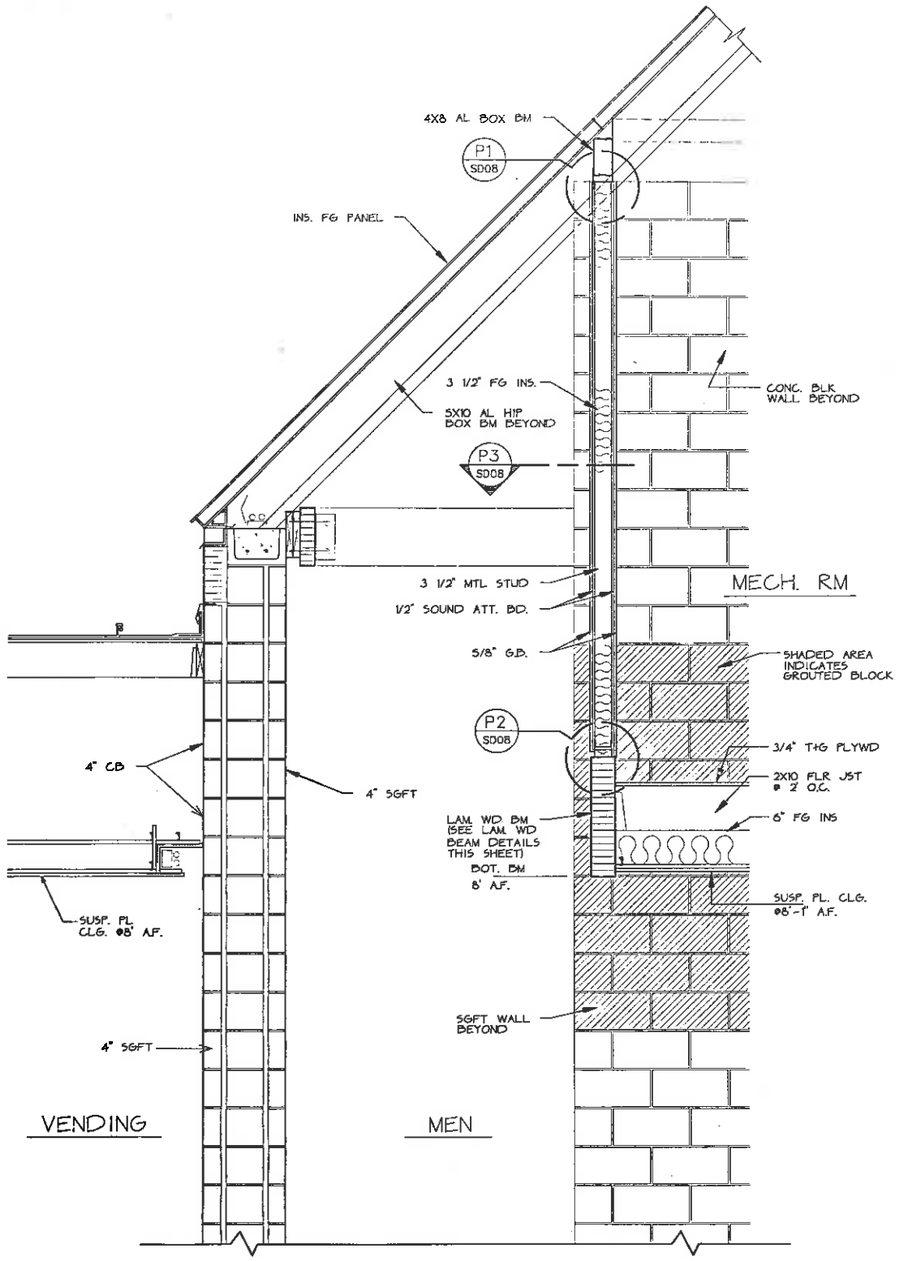
SCALE: NOTED | DRAWN BY | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

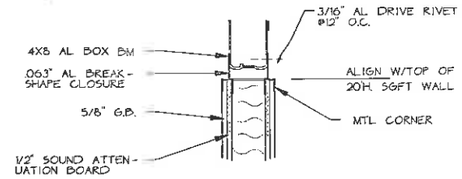
DATE: 9-28-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. SD07

3/4" 0 1 2

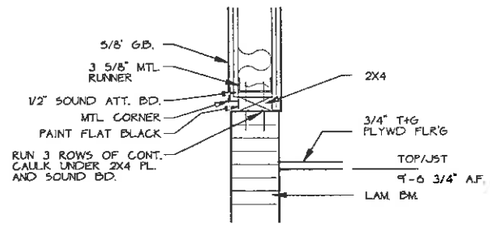
PUBLIC ROADS DIV.	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	53	58



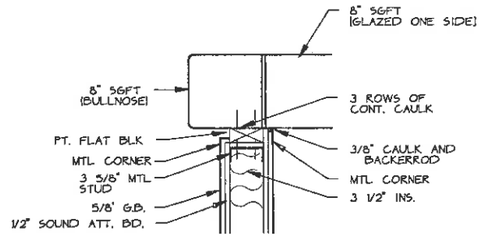
SECTION P
SCALE · 3/4" = 1'-0"
SD08



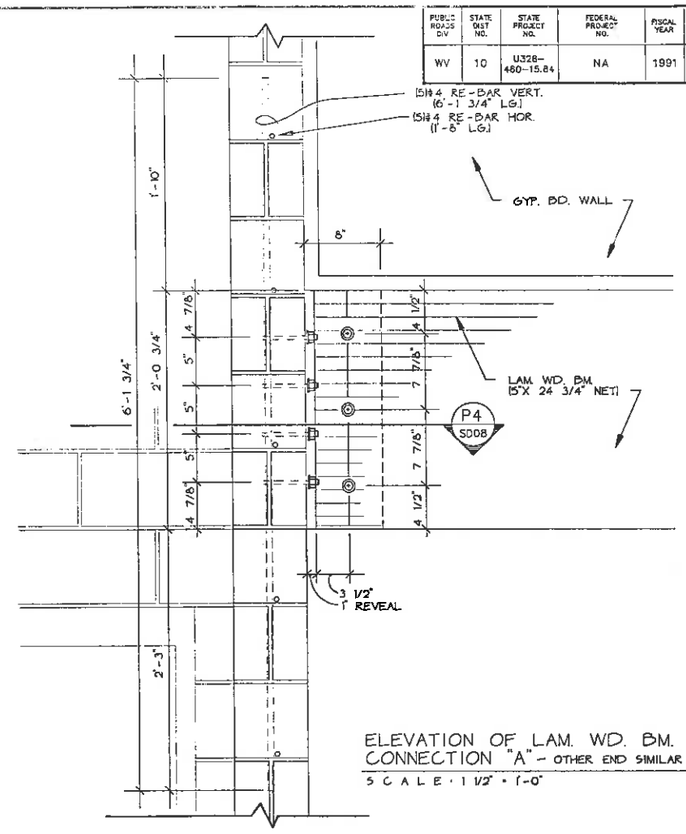
DETAIL P1
SCALE · 1 1/2" = 1'-0"
SD08



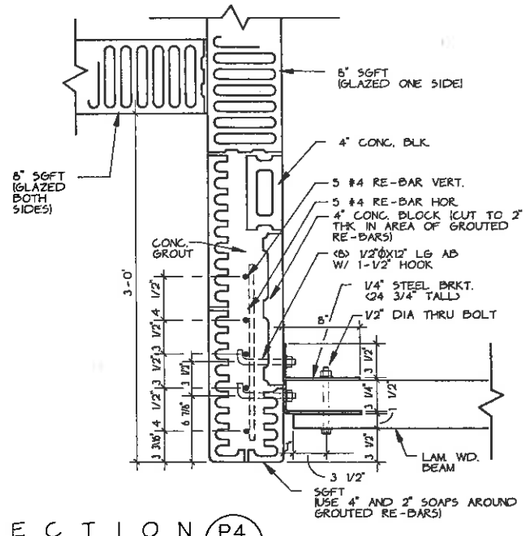
DETAIL P2
SCALE · 1 1/2" = 1'-0"
SD08



DETAIL P3
SCALE · 1 1/2" = 1'-0"
SD08



ELEVATION OF LAM. WD. BM. CONNECTION "A" - OTHER END SIMILAR
SCALE · 1 1/2" = 1'-0"
P4
SD08



SECTION P4
SCALE · 1 1/2" = 1'-0"
SD08

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

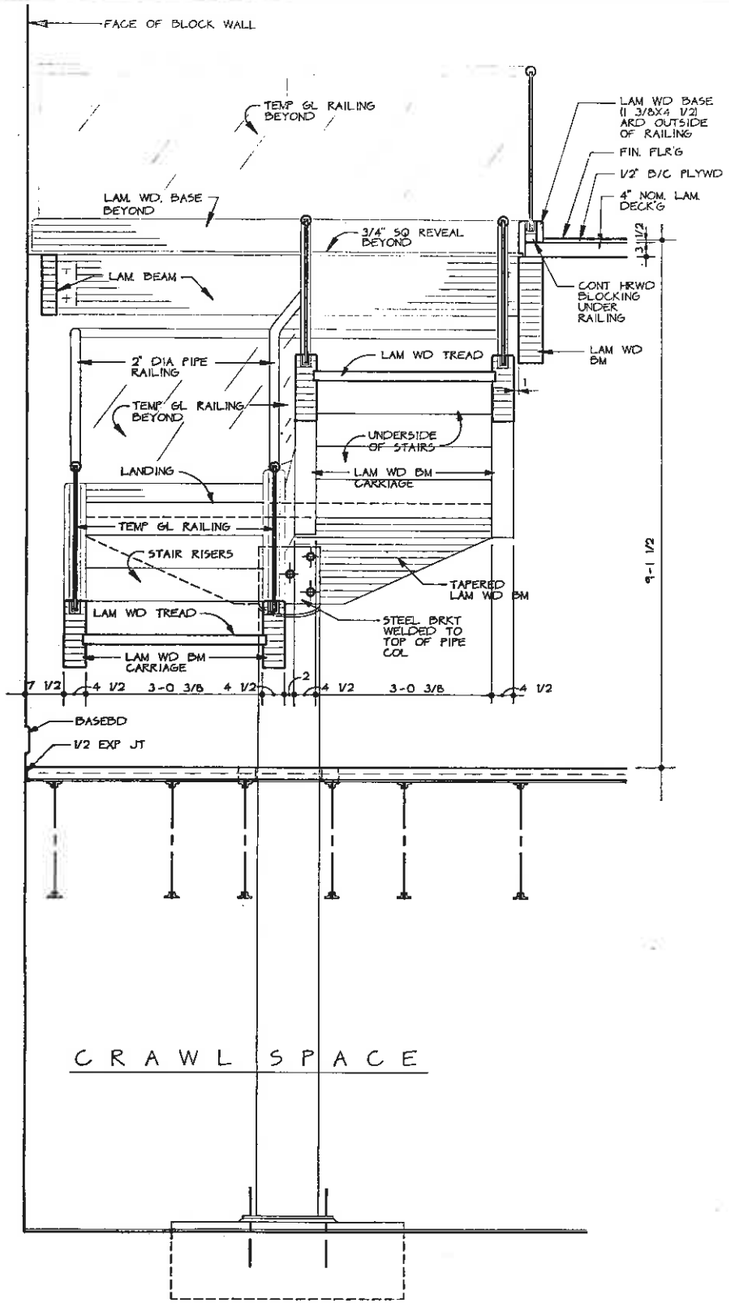
DETAILS | SCALE: NOTED | DRAWN BY: | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE:	PROJECT NO.	DRAWING NO.
10-4-90	U328-460-15.84	SD08

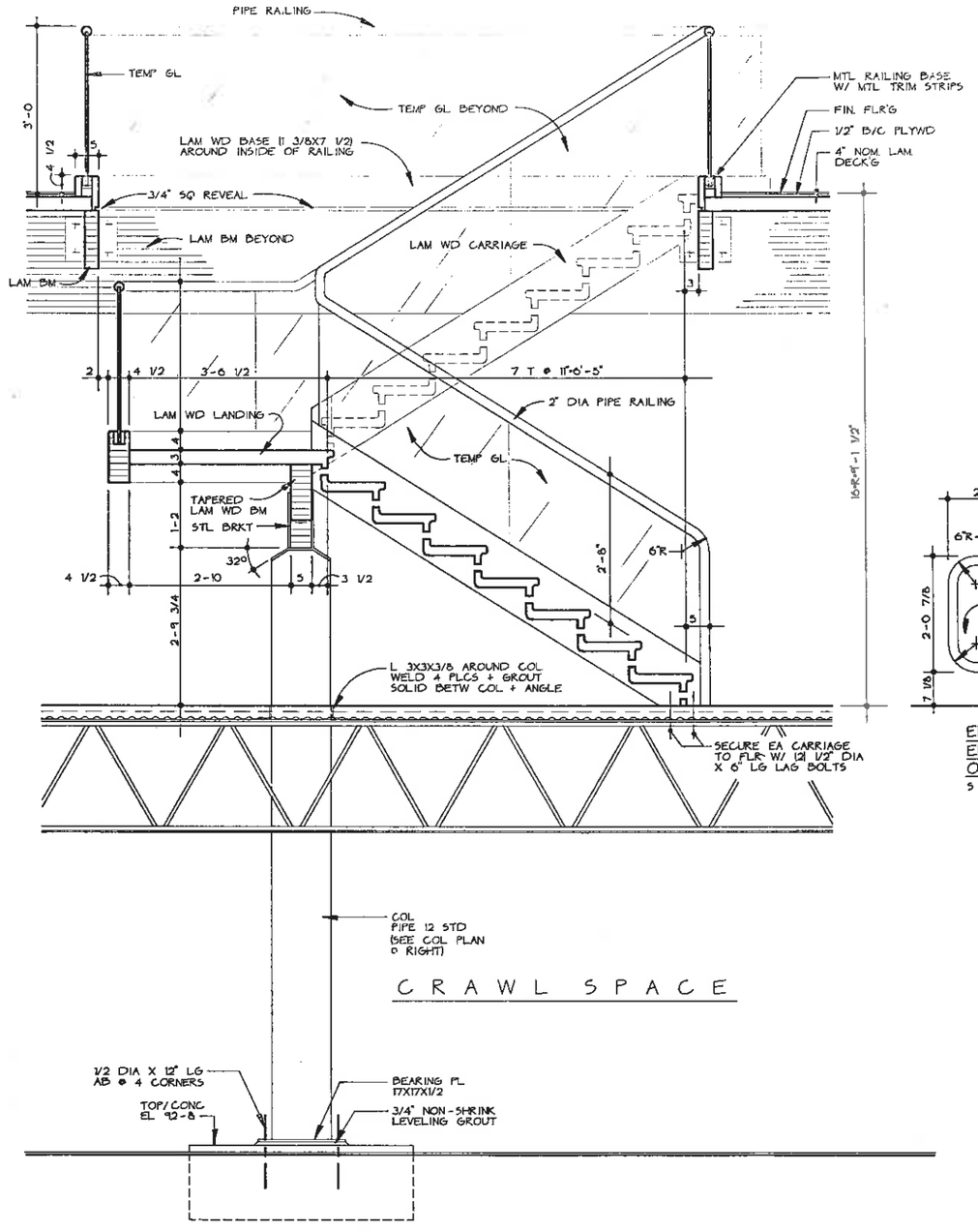
1 1/2" 0 1 2 4
3/4" 0 1 2

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	54	68



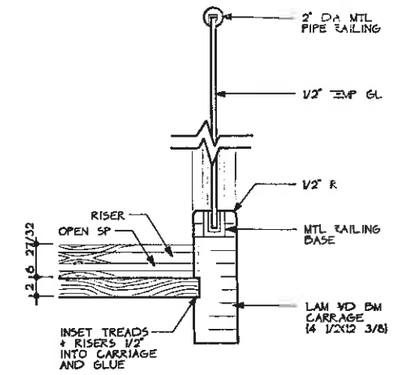
CROSS SECTION

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



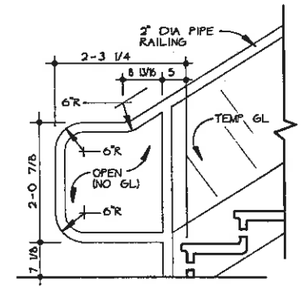
LONGITUDINAL SECTION

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



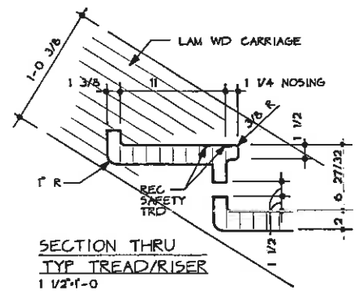
SECTION THRU CARRIAGE/RAILING

1 1/2"=1'-0



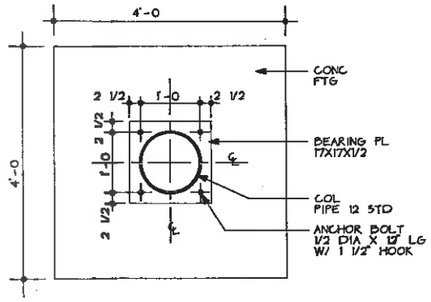
ELEVATION OF END OF RAILING— OPPOSITE WALL

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



SECTION THRU TYP TREAD/RISER

1 1/2"=1'-0



PLAN OF COLUMN BEARING + FOOTING

3/4"=1'-0

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

STAIR SECTIONS

SCALE: NOTED | DRAWN BY: AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 2-1-91 | PROJECT NO. U328-460-15.84 | DRAWING NO. SD09

1 1/2" 0 1 2 4

3/4" 0 1 2 4

PUBLIC ROADS DIV	STATE FAST NO.	I-77 PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	55	68

STEEL LINTEL SCHEDULE

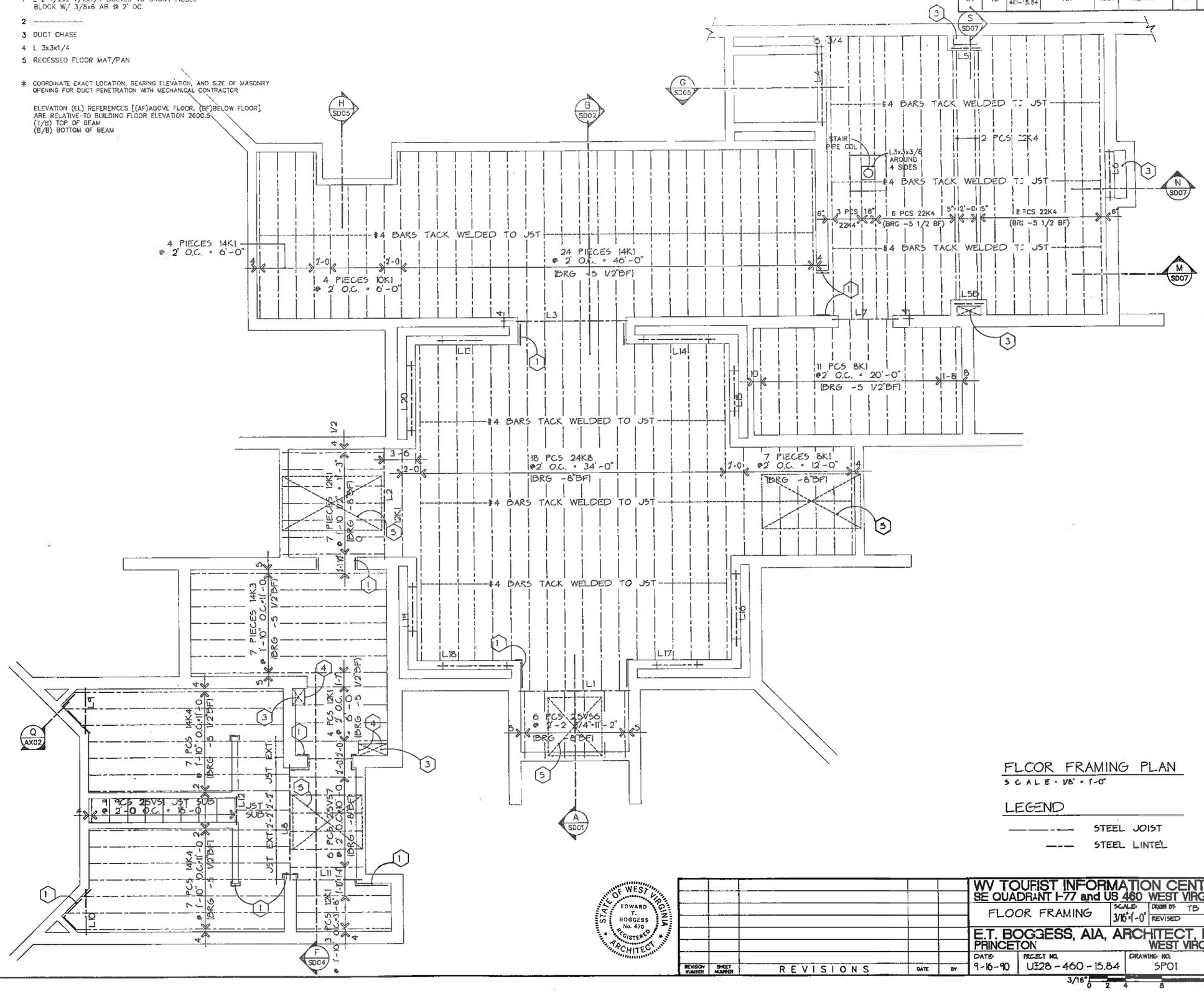
MARK	CLEAR SPAN	BRG LENGTH	DESCRIPTION	SECTION	EL
L1	12-8	8	W8x24	I	-8 T/B BF
L2	12-8	8	W6x15	I	-8 T/B BF
L3	12-8	8	W8x24	I	-8 T/B BF
L4	7-6	8	(2) L6x6x3/8	⊥⊥	-2' BRG EL BF
L5 L5B	2-6 1/2 2-6 1/2	4 4	(2) L3 1/2x3 1/2x 1/4 (2) L3 1/2x3 1/2x 1/4	⊥⊥	-6' BRG EL BF -6' BRG EL BF
L6	5-1	4	W8x10 W/ PL 11x1/4	I	-2-8 BRG EL BF
L7	6-0	6	W8x10	I	-5 1/2 T/B BF
L8	11-10	6	W8x10	I	-8 T/B BF
L9	4-8	4	(2) L3 1/2x3 1/2x3/8	⊤⊤	-5 1/2 T/B BF
L10	4-8	4	(2) L3 1/2x3 1/2x3/8	⊤⊤	-5 1/2 T/B BF
L11	6-8	4	W8x10 W/PL 12x1/4	I	-1-4 BRG EL BF
L12	2-8	4	(2) L3x3 1/2x1/4	⊤⊤	-5 1/2 T/B BF
L13	4-0 1/2	4	(3) L3x3 1/2x5/16	⊥⊥⊥	*
L14	7-2 1/2	4	W8x10 W/ PL 11x1/4	I	*
L15	4-5 1/2	4	(3) L4x3 1/2x5/16	⊥⊥⊥	*
L16	7-2 1/2	4	W8x10 W/ PL 11x1/4	I	*
L17	4-5 1/2	4	(3) L4x3 1/2x5/16	⊥⊥⊥	*
L18	7-2 1/2	4	W8x10 W/ PL 11x1/4	I	*
L19	4-11 1/2	4	W8x10 W/ PL 11x1/4	I	*
L20	7-2 1/2	4	W8x10 W/ PL 11x1/4	I	*
L21	------	----	----------	----	----
L22	12-8	8	(2) W8x10 W/ PL 16x1/4	II	BRG EL 9-4 AF
L23	12-8	8	W8x10 W/ PL 7x1/4	I	BRG EL 11-4 AF
L24	12-8	8	(2) W8x10 W/ PL 16x1/4	II	BRG EL 9-4 AF
L25	12-8	8	W8x10 W/ PL 7x1/4	I	BRG EL 11-4 AF
L26	12-8	8	(2) W8x10 W/ PL 16x1/4	II	BRG EL 9-4 AF
L27	12-8	8	W8x10 W/ PL 7x1/4	I	BRG EL 11-4 AF
L28	12-8	8	W8x10 W/ PL 10x1/4	I	BRG EL 9-0 AF
L29	12-8	8	W8x10 W/ PL 7 1/2x1/4	I	BRG EL 9-4 AF
L30	12-8	8	(2)W8x10 W/ PL 16x1/4	II	BRG EL 11-4 AF
L31	6-4	8	W8x10 W/ PL 12 1/2x1/4	I	BRG EL 8-0 AF
L32	9-6	8	(2)L 6x4x3/8 W/ PL 16x1/4	⊥⊥	BRG EL 10-8 AF
L33	6-4	8	(2)L 5x3 1/2x3/8	⊥	BRG EL 7-4 AF
L34	6-4	8	L 5x3 1/2x3/8	⊥	BRG EL 7-0 AF
L35	12-5	7 5/8	W8x10 W/ PL 8x1/4	I	BRG EL 7-0 AF
L36	12-6	8	W8x10 W/ PL 8x1/4	I	BRG EL 7-0 AF
L37	12-6	8	W8x10 W/ PL 8x1/4	I	BRG EL 7-0 AF
L38	12-6	8	W8x10 W/ PL 8x1/4	I	BRG EL 7-0 AF
L39	5-0 1/2	8	(2)W8x10 W/ PL 16x1/4	II	BRG EL 11-4 AF
L40	12-6	8	W8x10 W/ PL 8x1/4	I	BRG EL 7-0 AF
L41	------	----	----------	----	------
L42	2-8	4	(2) L 3 1/2x3 1/2x1/4	⊥⊥	BRG EL 7-4 AF

NOTES:

1. L 2 1/2x2 1/2x1/4 BOLTED TO GROUT FILLED BLOCK W/ 3/8x6 AB @ 2' OC.
2. ———
3. DUCT CHASE
4. L 3x3x1/4
5. RECESSED FLOOR MAT/PAN

* COORDINATE EXACT LOCATION, BEARING ELEVATION, AND SIZE OF MASONRY OPENING FOR DUCT PENETRATION WITH MECHANICAL CONTRACTOR

ELEVATION (EL) REFERENCES [(AF)ABOVE FLOOR, (BF)BELOW FLOOR] ARE RELATIVE TO BUILDING FLOOR ELEVATION 2600.5
(T/B) TOP OF BEAM
(B/B) BOTTOM OF BEAM



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

LEGEND
——·—— STEEL JOIST
— — — STEEL LINTEL

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

FLOOR FRAMING — SCALE: 3/16"=1'-0" — DRAWN BY: TB AD — REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 9-16-90 — PROJECT NO. U328-460-15.84 — DRAWING NO. SP01

3/16" 0 2 4 8 16

FEDERAL AID PROJECT	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	56	68

LAMINATED BEAM SCHEDULE

MARK	SIZE	QTY	BRACKET SHAPE	EL
B1	3x12 3/8x12-7 1/2	4		8-11 1/4 AF T/B
B2	3x12 3/8x12-5 1/2	3		8-11 1/4 AF T/B
B3	6x24 3/4x27-9	1		14-0 AF T/B
B4	3x12 3/8x20-1	2		8-11 1/4 AF T/B
B5	3X12 3/8x31-7 1/2	1		8-11 1/4 AF T/B
B6	3x12 3/8X12-4 1/2	1		8-11 1/4 AF T/B
B7	5x23 3/8x35-2	2		14-0 AF T/B
B8	3x12 3/8x35-7	4		14-0 AF B/B
B9	5x23 3/8x11-9 1/2	2		14-0 AF T/B
B10	5x23 3/8x11-2 1/2	4		14-0 AF T/B
B11	3x12x6-2	1		7-0 AF B/B
B12	5x23 3/4x15-10	2		8-0 AF B/B
B13	3x12 3/8x3-0	2		13-4 AF B/B
B14	3x12 3/8x5-6	2		13-4 AF B/B
B14A	3x12 3/8x1-0	2		13-4 AF B/B
B15	3x12 3/8x22-6	2		13-4 AF B/B
B16	3x12 3/8x4-8	2		13-4 AF B/B
B17	3x12 3/8x8-0	1		13-4 AF B/B
B18	3X12 3/8x4-0	2		13-4 AF B/B
B19	3x12 3/8x11-4	2		13-4 AF B/B
B20	3x12 3/8x4-10	1		13-4 AF B/B
B21	3x14 5/8x15-2	1		8-0 3/8 AF B/B
B22	3x12 3/8x15-2	1		8-0 3/8 AF B/B
B23	3x12 3/8x8-0	3		8-0 AF B/B
B24	5x22x31-0	2		8-10 AF T/B
B25	5x22x12-10	2		8-10 AF T/B
B26	----------	---	----------	---------
B27	3x12 3/8x5-0	4		8-10 AF T/B
B28	3x12 3/8x8-0	4		8-10 AF T/B
B29	3x12 3/8x8-6	3		8-10 AF T/B
B30	3x12 3/8x8-5	1		8-10 AF T/B
B31	3x12 3/8x10-6	1		8-10 AF T/B
B32	3x12 3/8x11-4	1		8-10 AF T/B
B33	3x12 3/8x14-9 1/2	2		8-10 AF T/B
B34	3x12 3/8x30-6	4		13-4 AF B/B

GLAZED BLOCK LINTEL SCHEDULE
(SPECIAL STRUCTURAL GLAZED FACING TILE)

MARK	CLEAR SPAN	BRG LENGTH	TOTAL LENGTH	SECTION	SIZE (BLOCK)	REINF	BRG EL
G1	3-4	8	4-8	CONC SPECIAL BULLNOSE LINTEL BLK	8x8x16	(2) #5	7-4 3/8 AF
G2	3-4	8	4-8	CONC SPECIAL BULLNOSE LINTEL BLOCK	12x8x16	(2) #5	7-4 3/8 AF
G3	3-4	8	4-8	CONC SPECIAL BULLNOSE LINTEL BLOCK	12x8x16	(2) #5	7-4 3/8 AF

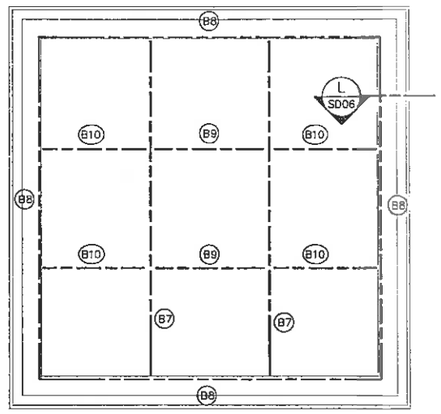
B-U WD BEAMS

BU1	(1)2x12 (1)2x10 8-1 1/8 AF B/B
BU2	(1)2x12 (1)2x10 8-1 3/8 AF B/B
BU3	(2)2x12 (1)2x10 8-1 3/8 AF B/B

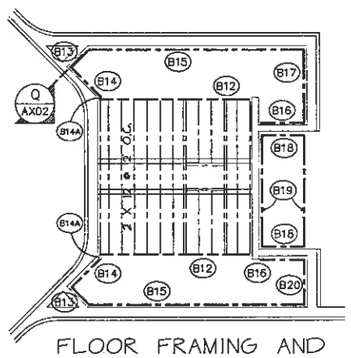
NOTE
ALL BUILT-UP BEAMS TO BE No.2 OR BTR SYP, NAILED & GLUED (OR EQUAL)

CONCRETE LINTEL SCHEDULE

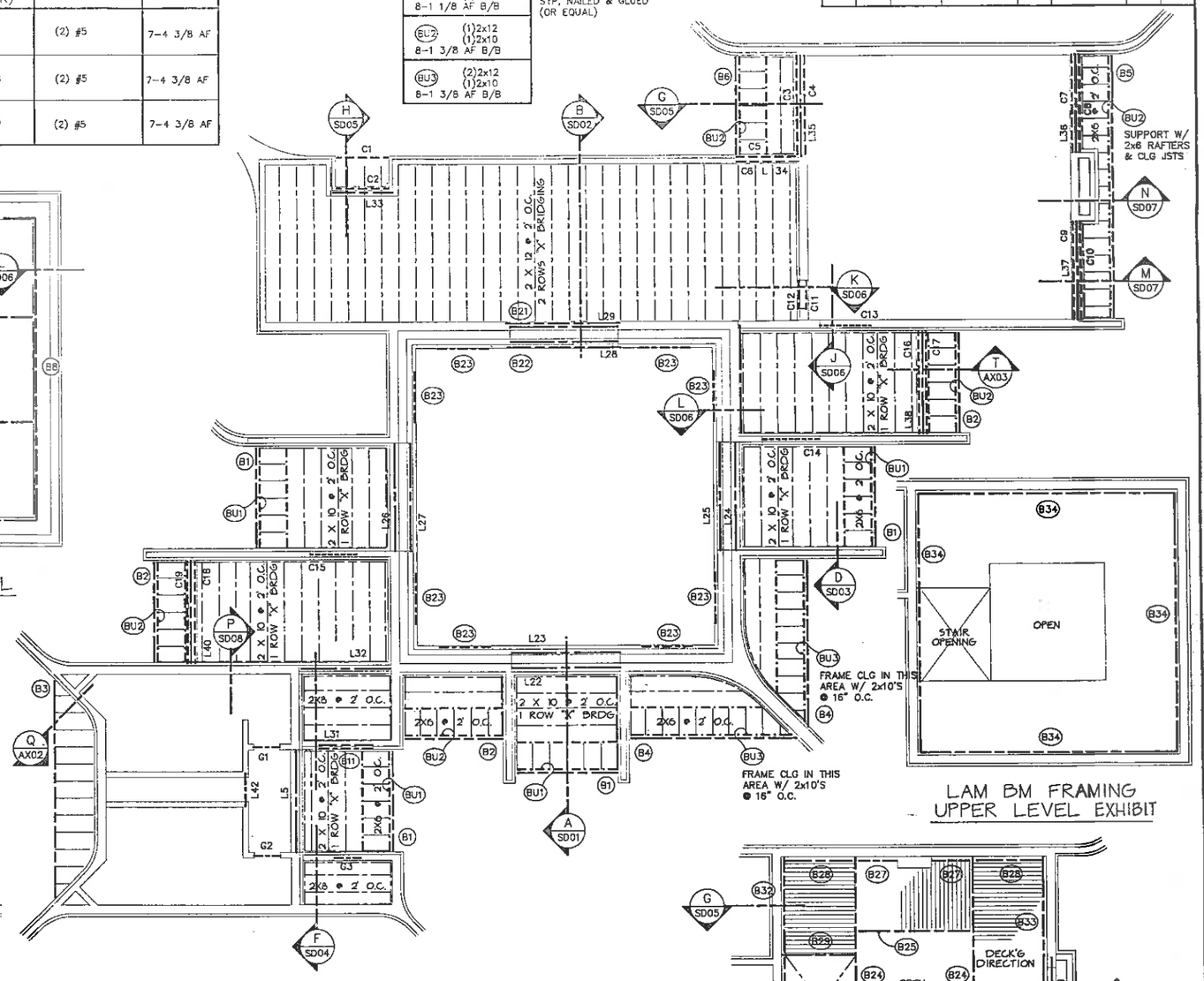
MARK	CLEAR SPAN	BRG LENGTH	TOTAL LENGTH	TYPE	SECTION	SIZE	REINF	NO OF NO 6 GAGE STIRRUPS	BRG EL
C1	5-7	8	6-11	A		1-1 X 7 5/8	(3) #6 T&B	7	8-0 AF
C2	6-4	8	7-8	A		4 5/8 X 1-3 5/8	(2) #6	7	7-4 AF
C3	11-8	8	13-0	A		4 5/8 X 1-7 5/8	(2) #7	-	7-0 AF
C4	11-8	7 5/8	13-0	B		3 3/4 X 11 5/8	(2) #7	-	6-8 3/8 AF
C5	6-4	8	7-8	A		4 3/4 X 1-7 5/8	(2) #6	-	7-0 AF
C6	6-4	8	7-8	A		3 5/8 X 1-7 5/8	(2) #6	-	7-0 AF
C7	11-9	7 5/8	13-1	B		3 3/4 X 11 5/8	(2) #7	-	6-8 3/8 AF
C8	11-9	8	13-1	A		4 5/8 X 1-7 5/8	(2) #7	-	7-0 AF
C9	11-9	7 5/8	13-1	B		3 3/4 X 11 5/8	(2) #7	-	6-8 3/8 AF
C10	11-9	8	13-1	A		4 5/8 X 1-7 5/8	(2) #7	-	7-0 AF
C11	3-4	7 5/8	4-7 1/4	B		5 3/4 X 11 5/8	(2) #6	-	6-8 3/8 AF
C12	3-4	7 5/8	4-7 1/4	B		5 3/4 X 11 5/8	(2) #6	-	6-8 3/8 AF
C13	6-0	7 5/8	7-3 1/4	B		1-5 X 11 5/8	(3) #6 T&B	-	6-8 3/8 AF
C14	6-0	1-7	8-2	B		1-4 X 11 5/8	(3) #6 T&B	-	6-8 3/8 AF
C15	4-8	1-7	7-10	B		1-4 X 11 5/8	(3) #6 T&B	-	6-8 3/8 AF
C16	11-9	7 5/8	13-1	A		3 3/4 X 11 5/8	(2) #7	-	6-8 3/8 AF
C17	11-9	8	13-1	A		4 5/8 X 1-7 5/8	(2) #7	-	7-0 AF
C18	11-9	7 5/8	13-1	A		3 3/4 X 11 5/8	(2) #7	-	6-8 3/8 AF
C19	11-9	8	13-1	A		4 5/8 X 1-7 5/8	(2) #7	-	7-0 AF



LAM BM FRAMING
UPPER EXHIBIT HALL

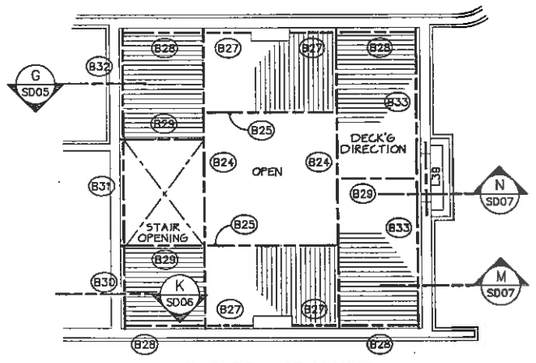


FLOOR FRAMING AND
LAM BM FRAMING
UPPER LEVEL MECH

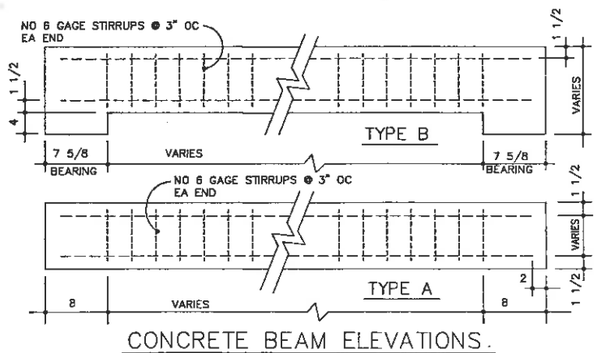


ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

LAM BM FRAMING
UPPER LEVEL EXHIBIT



FLOOR FRAMING
MEZZANINE LEVEL
SM. EXHIBIT./ MULTI-USE



CONCRETE BEAM ELEVATIONS.
NTS

LEGEND

- WD JOIST
- B-U WD BEAM
- GLU-LAM BEAM
- STL LINTEL
- PRE-CAST STONE LINTEL

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

ROOF FRAMING

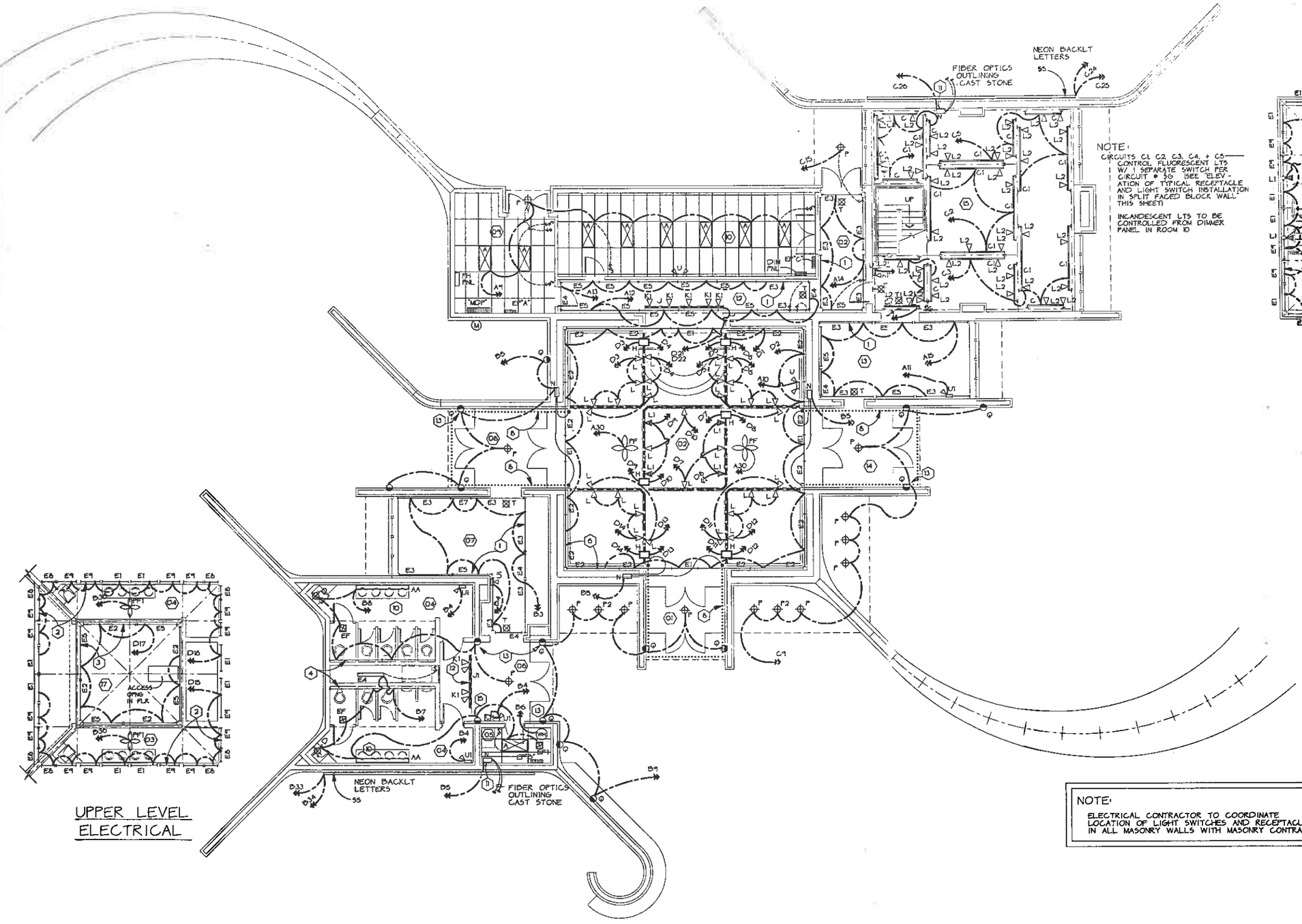
SCALE 1/8"=1'-0" | DRAWN BY TB AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE | PROJECT NO. U328-460-15.84 | DRAWING NO. SP02

1/8" 0 2 4 8 16

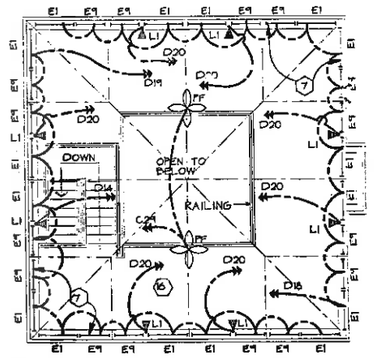
PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	57	68



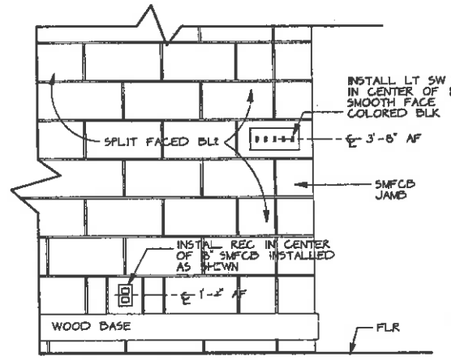
NOTE:
CIRCUITS C1 C2 C3 C4 + C5 CONTROL FLUORESCENT LTS W/ SEPARATE SWITCH PER CIRCUIT # 50 (SEE "ELEVATION OF TYPICAL RECEPTACLE AND LIGHT SWITCH INSTALLATION IN SPLIT FACED BLOCK WALL" THIS SHEET)

INCANDESCENT LTS TO BE CONTROLLED FROM DIMMER PANEL IN ROOM 10

UPPER LEVEL ELECTRICAL



MEZZANINE LEVEL



ELEVATION OF TYPICAL RECEPTACLE AND LIGHT SWITCH INSTALLATION IN SPLIT FACED BLOCK WALL
3/4"=1'-0

LOCATE LT SWITCH IN RM 02 IN CENTER OF 8" JAMB BLOCK AT SAME HT ABOVE FLR

LOCATE DOUBLE LT SWITCH IN RM 12 IN CENTER OF AN 8" SMOOTH FACED BLOCK SIMILAR TO RECEPT1 BUT @ 3'-6" HT AF

NOTE:
ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF LIGHT SWITCHES AND RECEPTACLES IN ALL MASONRY WALLS WITH MASONRY CONTRACTOR

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670
REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

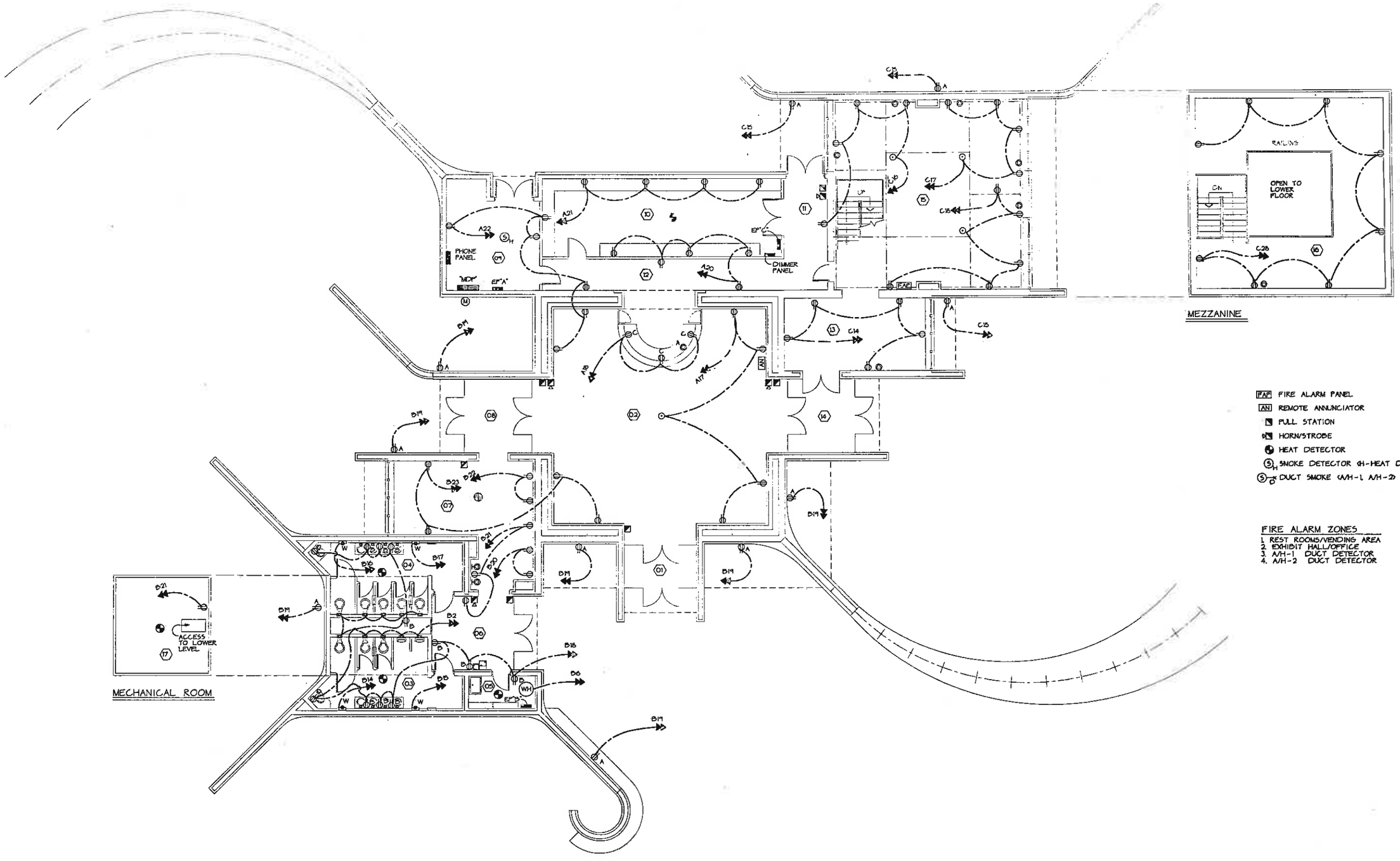
LIGHTING PLAN | SCALE: 1/8"=1'-0" | DRAWN BY: AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 9-14-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. EP01

1/8" 0 2 4 8

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	58	68



FAP FIRE ALARM PANEL
AN REMOTE ANNUNCIATOR
PULL STATION
HORN/STROBE
HEAT DETECTOR
SMOKE DETECTOR (H-HEAT DET)
DUCT SMOKE (A/H-1, A/H-2)

FIRE ALARM ZONES
1. REST ROOMS/VENDING AREA
2. EXHIBIT HALL/OFFICE
3. A/H-1 DUCT DETECTOR
4. A/H-2 DUCT DETECTOR

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 570
REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

RECEPTACLE PLAN AND SMOKE/FIRE DETECTION

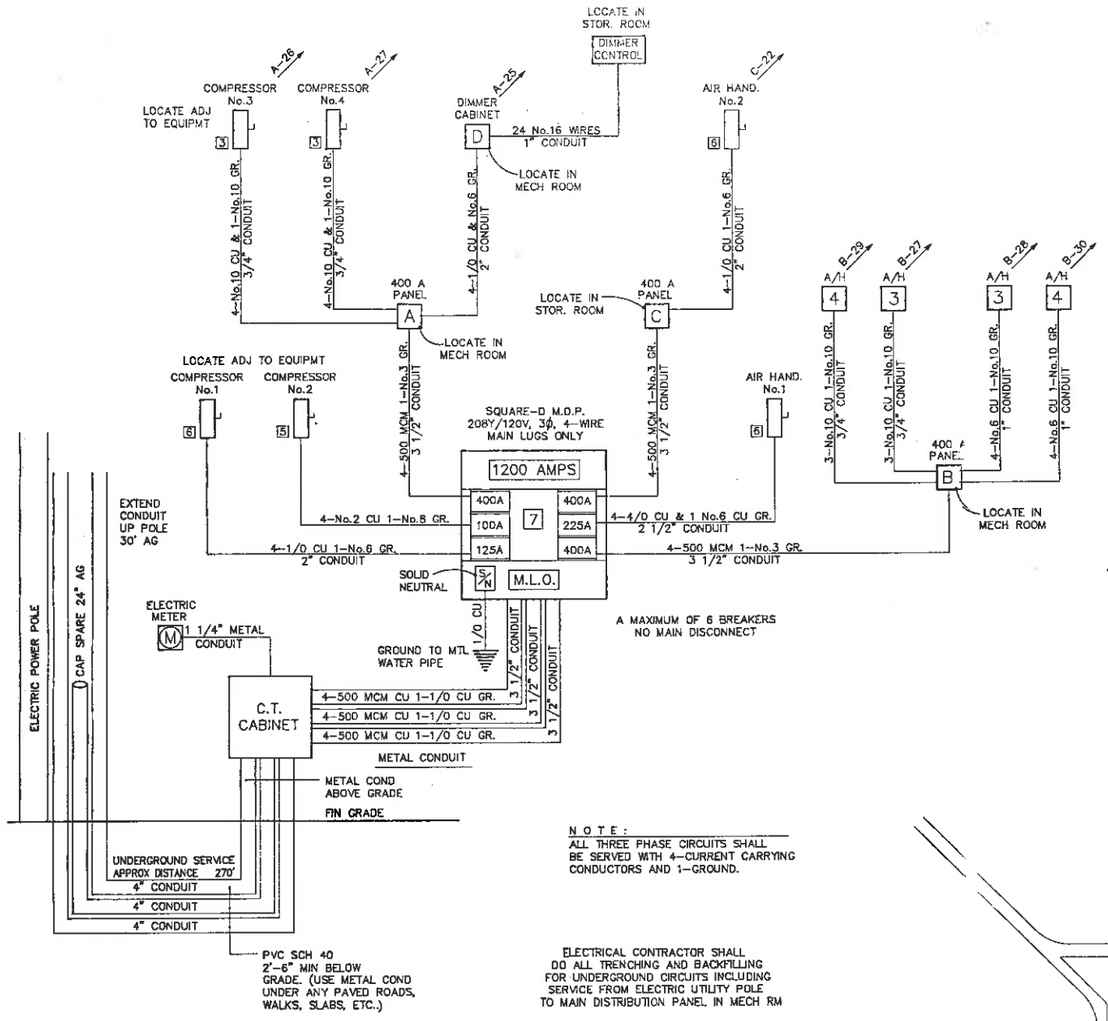
SCALE: 1/8"=1'-0"
DRAWN BY
REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC
PRINCETON WEST VIRGINIA

DATE: 12-10-90
PROJECT NO. U328-460-15.84
DRAWING NO. EP02

1/8" 0 2 4 8 16

PUBLIC ROADS CIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	59	68

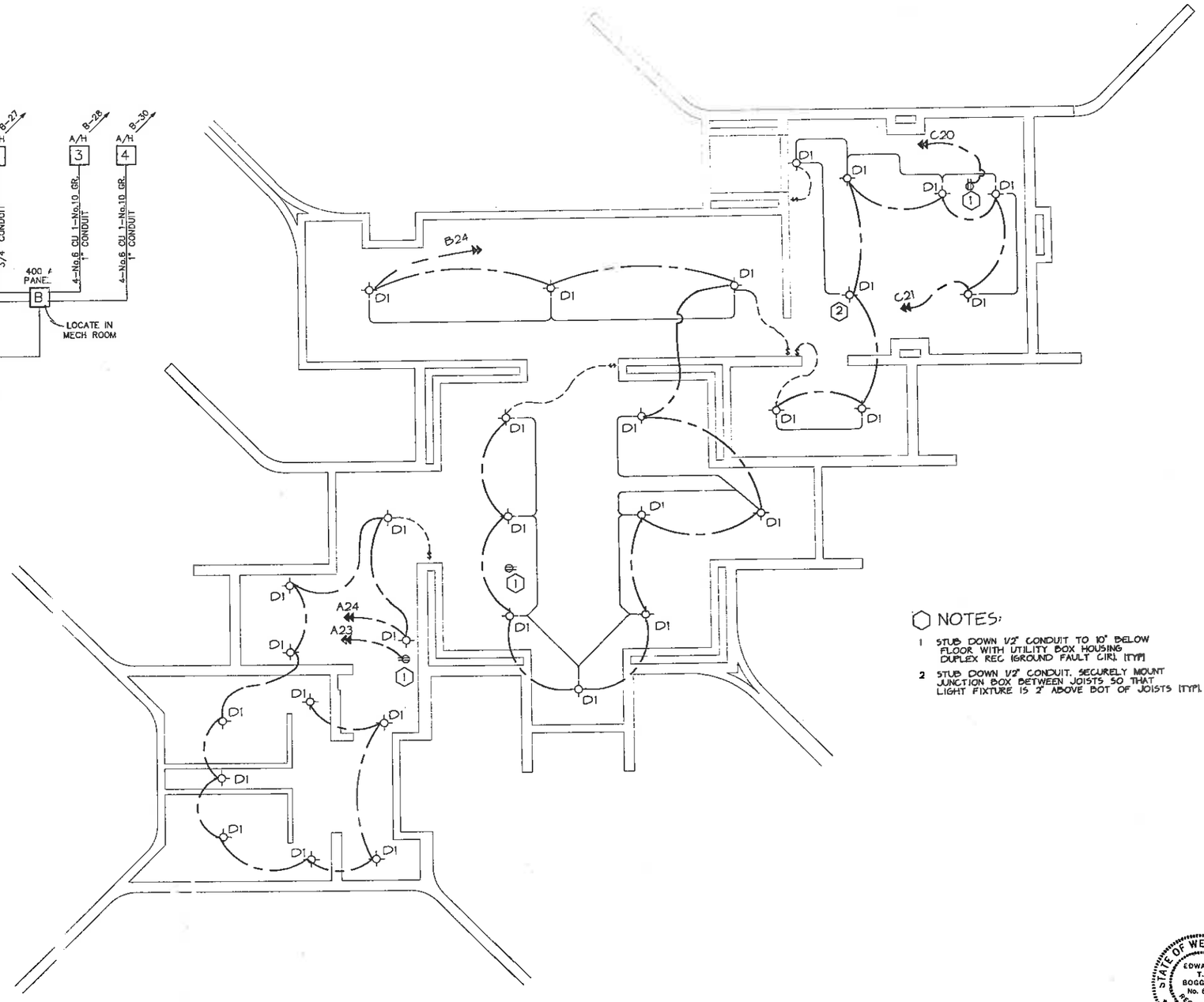


NOTE:
ALL THREE PHASE CIRCUITS SHALL BE SERVED WITH 4-CURRENT CARRYING CONDUCTORS AND 1-GROUND.

ELECTRICAL CONTRACTOR SHALL DO ALL TRENCHING AND BACKFILLING FOR UNDERGROUND CIRCUITS INCLUDING SERVICE FROM ELECTRIC UTILITY POLE TO MAIN DISTRIBUTION PANEL IN MECH RM

ELECTRIC PANEL RISER DIAGRAM

NOT TO SCALE



NOTES:

1. STUB DOWN 1/2" CONDUIT TO 10" BELOW FLOOR WITH UTILITY BOX HOUSING DUPLEX REC (GROUND FAULT CIR). (TYP)
2. STUB DOWN 1/2" CONDUIT. SECURELY MOUNT JUNCTION BOX BETWEEN JOISTS SO THAT LIGHT FIXTURE IS 2' ABOVE BOT OF JOISTS (TYP).

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670
REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

CRAWL SPACE LIGHTING | SCALE 1/8"=1'-0" | DRAWN BY AD | REVISED

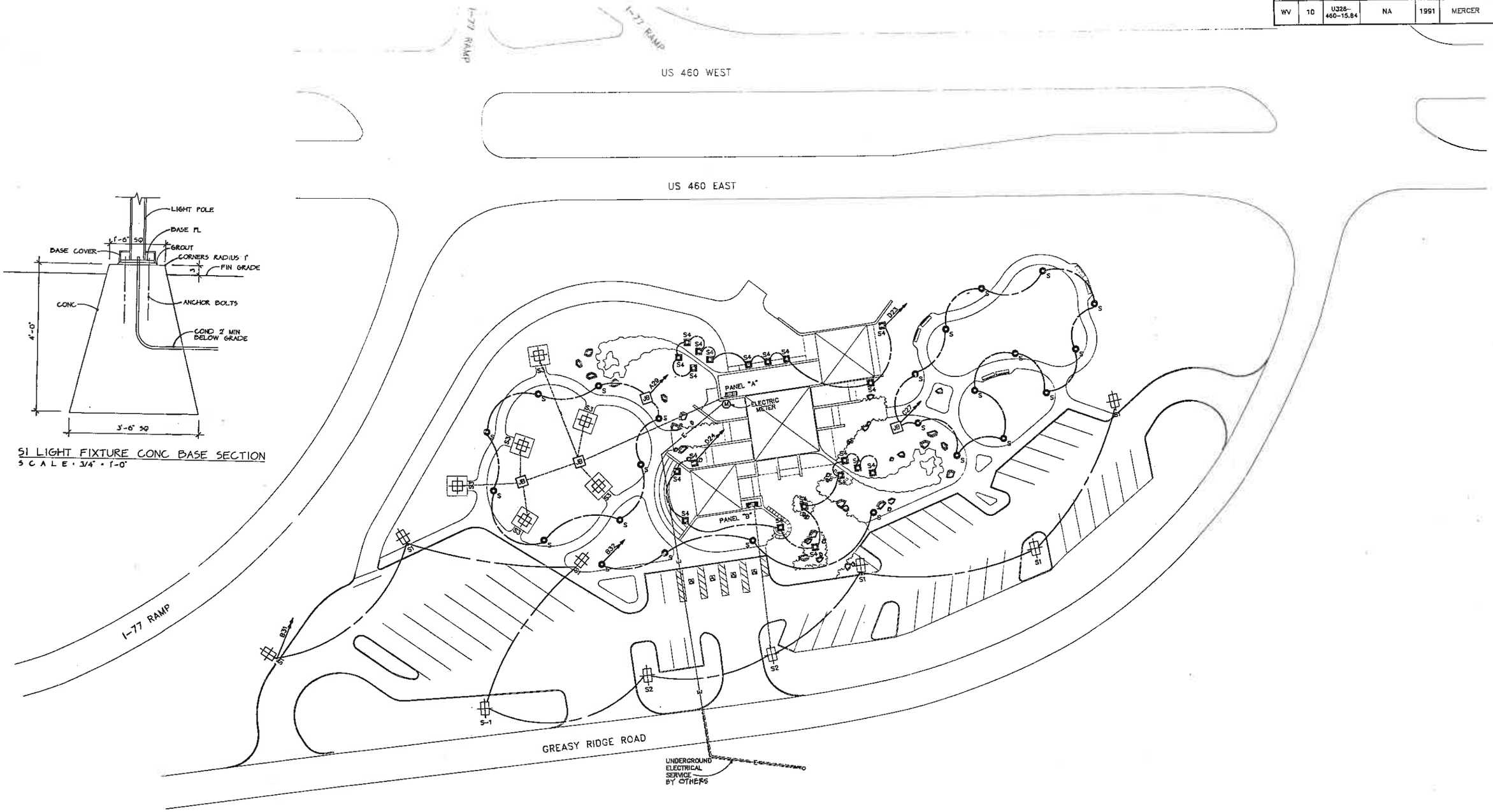
E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: 9-14-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. EP03

1/8" 0 2 4 8 16

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	60	68

S1 LIGHT FIXTURE CONC BASE SECTION
SCALE: 3/4" = 1'-0"



PAY ITEM 672-06
SITE LIGHTING

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

SITE LIGHTING

SCALE: 1"=30' DRAWN BY: TB REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: PROJECT NO. U328-460-15.84 DRAWING NO. EP04

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	61	68

PANEL "A", 400 AMPS, 208Y/120 V., 3ϕ, 4-WIRE, 42 SPACES, M.L.O. - MECHANICAL ROOM

CIRC.	LOAD	KW	VOLTS	PHASE	AMPS	WIRE	BRK.	COND.	REMARKS
A-1-8	O M I T								
A-9	LGTS	1.8	120	1	14	12	20	1/2	
A-10	EMER. EXIT		120	1		12	20	1/2	EMERG. EXIT
A-11	EMER. EXIT		120	1		12	20	1/2	EMERG. EXIT
A-12	LGTS	1.0	120	1	9	12	20	1/2	
A-13	LGTS	1.0	120	1	9	12	20	1/2	
A-14	LGTS	1.0	120	1	9	12	20	1/2	
A-15	LGTS	1.3	120	1	11	12	20	1/2	
A-16	LGTS	.600	120	1	5	12	20	1/2	
A-17	REC	1.0	120	1	9	12	20	1/2	GF
A-18	REC	1.5	120	1	12.5	12	20	1/2	
A-19	O M I T								
A-20	REC	1.0	120	1	9	12	20	1/2	
A-21	REC	1.0	120	1	9	12	20	1/2	
A-22	REC	1.0	120	1	9	12	20	1/2	
A-23	REC	1.0	120	1	9	12	20	1/2	
A-24	LGTS	.680	120	1	6	12	20	1/2	
A-25	PAN.D	17.0	208	3	48	1/0	125	1 1/4	DIMMER PANEL
A-26	COMP.3	6.0	208	3	17	10	30	3/4	
A-27	COMP.4	6.0	208	3	17	10	30	3/4	
A-28	O.D. LGTS	1.2	120	1	10	10	20	1	PICNIC SHELTER
A-29	BOLLARD	.800	120	1	7	10	20	3/4	
A-30	PADDLE FAN - TO BE SELECTED								

PANEL "B", 400 A., 208Y/120 V., 3ϕ, 4-WIRE, 42 SPACES, M.L.O., JANITOR'S CLOSET

CIRC.	LOAD	KW	VOLTS	PHASE	AMPS	WIRE	BRK.	COND.	REMARKS
B-1	LGTS	.800	208	1	2.9	10	10	1/2	SPLIT 2-120 V.
B-2	W.C. URINAL		120	1		12	20	1/2	L.V.TRANS. SERV.12 UNITS
B-3	LGTS	1.3	120	1	11	12	20	1/2	
B-4	EMG. EXIT		120	1		12	29	1/2	
B-5	LGTS	1.4	120	1	11	12	20	1/2	FIBER OPTIC
B-6	W/H	4.5	208	1	2	10	30	1/2	JAN.RM.
B-7	LGTS FAN	1.8	120	1	15	12	20	1/2	
B-8	LGTS FAN	1.0	120	1	9	12	20	1/2	
B-9	LGTS	1.35	120	1	11	12	20	1/2	PHOTO CONTROL CIRCUIT
B-10-13	O M I T								
B-14	HAND DRYER	2.4	120	1	20	10	30	1/2	GF
B-15	HAND DRYER	2.4	120	1	20	10	30	1/2	GF
B-16	HAND DRYER	2.4	120	1	20	10	30	1/2	GF
B-17	HAND DRYER	2.4	120	1	20	10	30	1/2	GF
B-18	REC	1.1	120	1	10	12	20	1/2	
B-19	REC	1.1	120	1	10	12	20	1/2	
B-20	VEND. MACH.	1.5	120	1	12.5	12	20	1/2	VENDING
B-21	VEND. MACH.	1.5	120	1	12.5	12	20	1/2	VENDING
B-22	VEND. MACH.	1.5	120	1	12.5	12	20	1/2	VENDING
B-23	REC	1.0	120	1	9	12	20	1/2	
B-24	LGTS	.600	120	1	3	12	20	1/2	UNDER FLR
B-25	REC	1.0	120	1	9	12	20	1/2	GF & WP
B-26	LGTS	.450	120	1	3	12	20	1/2	OUTDOOR PHOTO CONTROL CIR.
B-27	A/H3	5.2	208	1	25	10	30	3/4	NO SAFETY SWITCH REQ.
B-28	A/H3	14.4	208	3	4.0	6	60	1	NO SAFETY SWITCH REQ.
B-29	A/H4	5.2	208	1	25	10	30	3/4	NO SAFETY SWITCH REQ.
B-30	A/H4	14.4	208	3	40	6	80	1	NO SAFETY SWITCH REQ.
B-31	AREA LGTS	4.0	208	1	20	2	30	SCHED 40-PVC 2 1/2	290(600') VOLT.DROP
B-32	BOLLARD LGTS	.400	120	1	4.0	12	20	3/4	
B-33	NEON SIGN	1.8	120	1	15	12	20	1/2	GF
B-34	NEON SIGN	1.8	120	1	15	12	20	1/2	GF
B-35	REC. SOFFIT	.750	120	1	7	12	20	1/2	
B-36	PADDLE FAN - TO BE SELECTED								

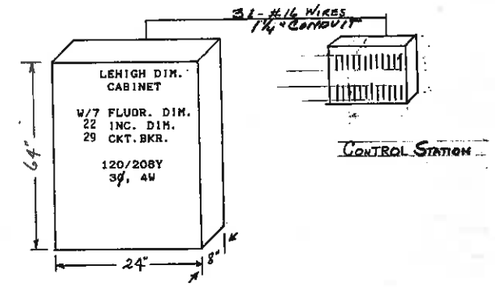
PANEL "C", 400 AMP., 208Y/120 V., 3 ϕ, 4-WIRE, 42 SPACES, OFFICE AREA

CIRC.	LOAD	KW	VOLTS	PHASE	AMPS	WIRE	BRK.	COND.	REMARKS
C-1	LGTS	1.1	120	1	9.2	12	20	1/2	
C-2	LGTS	1.0	120	1	8.4	12	20	1/2	
C-3	LGTS	1.1	120	1	9.2	12	20	1/2	
C-4	LGTS	.65	120	1	5.4	12	20	1/2	
C-5	LGTS	.75	120	1	6.3	12	20	1/2	
C-6-7-8	O M I T								
C-9	O.D. LGTS	1.2	120	1	10	12	20	1/2	PHOTO CONTROL CIR
C-10-13	O M I T								
C-14	REC	1.0	120	1	9	12	20	1/2	
C-15	REC	.600	120	1	5	12	20	1/2	GF & WP
C-16	REC	1.0	120	1	9	12	20	1/2	
C-17	REC	1.0	120	1	9	12	20	1/2	
C-18	REC	1.0	120	1	9	12	20	1/2	
C-19	REC	.800	120	1	7	12	20	1/2	
C-20	REC	1.0	120	1	9	12	20	1/2	GF & WP
C-21	LGTS	.420	120	1	4	12	20	1/2	UNDER FLOOR
C-22	A/H2	37.6	208	3	105	1	125	1 1/2	
C-23	REC	1.5	120	1	12.5	12	20	1/2	
C-24	NEON SIGN	1.8	120	1	15	12	20	1/2	GF & WP
C-25	NEON SIGN	1.8	120	1	15	12	20	1/2	GF & WP
C-26	FIBER OPTICS SIGN	1.4	120	1	12	12	20	1/2	FIBER OPTICS
C-27	BOLLARD	1.20	120	1	10	8	20	1	
C-28	REC	1.8	120	1	13.5	12	20	1/2	
C-29	PADDLE FAN - TO BE SELECTED								

DIMMER CABINET AND CONTROL STATION

LEHIGH LED-B SERIES DIMMING SYSTEM
3 ϕ, 4 WIRE, 120/208 CONSISTING OF
1 - LDR381/LDR241 - 12F-34F - 1421 - 22
W/ 7 FLUORESCENT DIMMERS
22 INCANDESCENT DIMMERS
29 CIRCUIT BREAKERS
64" HIGH X 24" WIDE X 8" DEEP
WALL MOUNTED

1 - SC 24 SINGLE SET CONTROL STATION WITH ENGRAVED NAME PLATES, MODULAR DESIGN WITH NO VISIBLE MOUNTING HARDWARE



NOTE:

CIRCUIT BREAKERS SERVING THE FOLLOWING LIGHTING CIRCUITS SHALL BE SUITABLE FOR SWITCHING, UNLESS INDICATED DIFFERENTLY ON DRAWING.
A-12, A-13, A-14, A-15, A-16, A-24, A-28, B-1, B-3, B-5, B-7, B-8, B-24, B-32, C-21, C-23, C-24

DIMMER CABINET - 120/208Y, 3 ϕ, 4 WIRE

ALL CIRCUITS SHALL BE 20 AMPS. EACH LIGHT TRACK 2-12 FOOT SECTIONS WITH "L" CONNECTOR, SHALL BE SERVED WITH 2-NO. 12 CONDUCTORS AND 2-20 AMP. BREAKERS. EACH BREAKER BEING FED FROM DIFFERENT PHASES "A", "B", OR "C". 1-CONDUCTOR SHALL BE RED AND 1-BLACK WITH A NO. 10 NEUTRAL SERVING THE TWO CIRCUITS AND NO. 12 GROUND. EXCEPTION - SEE WIRE SIZE ON CIRCUITS D-23 AND D-24.

CIRCUITS	WATTS	TYPE	SYMBOL	LOCATION
D1	1800	FLUORESCENT	E1,E2	EXHIBITION HALL
D2	1800	FLUORESCENT	E1,E2	EXHIBITION HALL
D3	600	INCANDESCENT	K	EXHIBITION HALL
D4	600	INCANDESCENT	K	EXHIBITION HALL
D5	600	INCANDESCENT	K	EXHIBITION HALL
D6	600	INCANDESCENT	K	EXHIBITION HALL
D7	300	INCANDESCENT	K	EXHIBITION HALL
D8	600	INCANDESCENT	L	EXHIBITION HALL
D9	600	INCANDESCENT	L	EXHIBITION HALL
D10	300	INCANDESCENT	K	EXHIBITION HALL
D11	300	INCANDESCENT	K	EXHIBITION HALL
D12	600	INCANDESCENT	K	EXHIBITION HALL
D13	300	INCANDESCENT	K	EXHIBITION HALL
D14	600	INCANDESCENT	K	EXHIBITION HALL
D15	1250	FLUORESCENT	E1,E8,E9	PUBLIC TOILETS
D16	1260	FLUORESCENT	E1,E7,E8, E9	PUBLIC TOILETS
D17	1200	FLUORESCENT	E2,E5	PUBLIC TOILETS
D18	1400	FLUORESCENT	E1,E9	MEZZANINE
D19	1400	FLUORESCENT	E1,E9	MEZZANINE
D20	1200	INCANDESCENT	L1	MEZZANINE
D21	375	INCANDESCENT	K1	CORRIDOR
D22	375	INCANDESCENT	K1	CORRIDOR
D23	1500	INCANDESCENT	S4	OUTDOOR FLOOD LIGHTS NO. 10 WIRE
D24	1500	INCANDESCENT	S4	OUTDOOR FLOOD LIGHTS NO. 8 WIRE
D25	1000	INCANDESCENT	C,C1	SM/EXHIBIT, MULTI-USE
D26	1000	INCANDESCENT	C,C1	SM/EXHIBIT, MULTI-USE
D27	1000	INCANDESCENT	C,C1	SM/EXHIBIT, MULTI-USE
D28	1000	INCANDESCENT	C,C1	SM/EXHIBIT, MULTI-USE
D29	1000	INCANDESCENT	C,C1	SM/EXHIBIT, MULTI-USE

NOTE:

THE FOLLOWING LIGHT CIRCUITS SHALL BE CONTROLLED WITH PHOTOCELL.

AREA LIGHTS
BOLLARD LIGHTS
FLOOD LIGHTS
NEON SIGN
CIRCUIT B-35

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS III
REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

ELEC SCHEDULES

SCALE: | DRAWN BY: | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC
PRINCETON WEST VIRGINIA

DATE: | PROJECT NO. U328-460-15.84 | DRAWING NO. E501

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	62	68

ELECTRICAL SYMBOL SCHEDULE

$ — SWITCH, TOGGLE, SINGLE-POLE, GROUNDING, LEVITON CAT. NO. 5521-2-I, 120 V. AC, WALL PLATE NO. 86001, OR APPROVED EQUAL.

$3 — SWITCH, TOGGLE, 3-WAY, GROUNDING, LEVITON CAT. NO. 5523-2-I, 120 V. AC, WALL PLATE NO. 86001, OR APPROVED EQUAL.

$4 — SWITCH, TOGGLE, 4-WAY, GROUNDING, LEVITON CAT. NO 5524-2-I, 120 V. AC, WALL PLATE NO. 86001, OR APPROVED EQUAL.

WALL PLATES DESIGNED FOR MULTIPLE SWITCHES (GANG) SHALL BE LEVITON 8600 SERIES - IVORY, OR APPROVED EQUAL.

$LK — SWITCH, TOGGLE, SINGLE-POLE, GROUNDING, LEVITON CAT. NO. 1101-L-I, 120 V., 20 A., WITH WALL PLATE (LOCKING) OR APPROVED EQUAL.

$M-I — MULTIPLE SWITCHES (SEE ELEVATIONS)

RECEPTACLE, DUPLEX, GROUNDING, LEVITON CAT. NO. 5800-I, 20 A., 125 V., WITH WALL PLATE 86003, OR APPROVED EQUAL.

42 — RECEPTACLE, DUPLEX, GROUNDING, LEVITON CAT. NO. 5800-I, 20 A., 125 V., WITH WALL PLATE, 86003, MOUNTED 42" AFF OR APPROVED EQUAL.

GF — RECEPTACLE, DUPLEX, GROUNDING, LEVITON CAT. NO. 5800-I, 20 A., 125 V., WITH WALL PLATE, 86003, PROTECTED WITH GROUND FAULT BREAKER, OR APPROVED EQUAL.

WP — RECEPTACLE, DUPLEX, GROUNDING, LEVITON CAT. NO. 5800-I, 20 A., 125 V., WEATHER PROOF, OR APPROVED EQUAL.

RECEPTACLE, 3-POLE, GROUNDED, LEVITON CAT. NO. 5550, SURFACE MOUNTED, 50 A., 250 V., OR APPROVED EQUAL.

RECEPTACLE, FLOOR, DUPLEX, GROUNDED, STEEL CITY 68-D STAMPED STEEL WITH HINGED COVER P-60-DS, POLISHED BRASS FINISH. GROUND FAULT CIRCUIT, OR APPROVED EQUAL.

TELEPHONE JACK

EGF — FLUORESCENT, RECESSED, REGRESSED, SOUTHEAST (OR APPROVED EQUAL) CAT. NO. EGF-RW440,FPA-4-4F4 LAMPS, RAPIDSTART (STORAGE)

AA — FLUORESCENT, WALL MOUNTED, LINEAR LIGHTING, QUIETLITE-79, UP/DOWN, 8-40 WATT LAMPS, RS, 120 V., MOUNTED 7' TO BOTTOM AF, 400 WATTS. (PUBLIC TOILET), OR APPROVED EQUAL.

C — SWIVELIER CIRCA (WH) FLUORESCENT/TRACK MODEL #25410(WH)-40-TRACK MT WITH 29206, 6" (WH), 60"LG, 120 V., 50W

L2 — SWIVELIER R-30 BAFFLED STEP CYLINDER/SIDE SWIVEL 23765/31765(WT) 75 W ER-30

L2 C — SAME TYPE AS "C", CAT. NO. 25411, LENGTH 110" (9'8-3/4") O/O, 2-40 W. LAMPS, 120 V., 100 WATTS (WITH PIPE) OR APPROVED EQUAL.

D — WALL MOUNTED, SURFACE, BEGA, ROUND NO. 2766P, 2-9WPL LAMPS, 120 V., 25 W., OR APPROVED EQUAL.

D-1 — INCANDESCENT, SURFACE, THOMAS, MODEL NO. M-874-3, 60 W., 120 V., MOUNTED BETWEEN BAR JOISTS IN CRAWL SPACE, OR APPROVED EQUAL.

"E" TYPE STRIP FLUORESCENT
E-1 - 48" WITH REFLECTOR, 2 LAMPS & BALLAST - 100 W
E-2 - 96" WITH REFLECTOR, 2 LAMPS & BALLAST - 200 W
E-3 - 96" NO REFLECTOR, 2 LAMPS & BALLAST - 200 W
E-4 - 48" NO REFLECTOR, 2 LAMPS & BALLAST - 100 W
E-5 - 72" NO REFLECTOR, 2 LAMPS & BALLAST - 150 W
E-6 - 24" NO REFLECTOR, 2 LAMPS & BALLAST - 60 W
E-7 - 36" NO REFLECTOR, 2 LAMPS & BALLAST - 80 W
E-8 - 24" WITH REFLECTOR, 2 LAMPS & BALLAST - 60 W
E-9 - 36" WITH REFLECTOR, 2 LAMPS & BALLAST - 80 W
E-10 - 72" WITH REFLECTOR,2 LAMPS & BALLAST - 150 W

E1 — FLUORESCENT STRIP, 2-LAMPS 40 W. EACH, HUBBELL CAT. NO. SW42R-E1, 48" WITH ASYMMETRIC REFLECTOR, 1 X 4 POA, 120 V., 100 W., OR APPROVED EQUAL.

E2 — FLUORESCENT STRIP, 2-LAMPS 75 WATTS EACH, HUBBELL 96" CAT. NO. SW62S-E1, WITH 2-48" ASYMMETRICAL REFLECTORS, X 4 POA, 96" TOTAL, 120 V., 200 W. TOTAL, OR APPROVED EQUAL.

E3 — FLUORESCENT STRIP, 2-LAMPS 96" EACH, HUBBELL CAT. NO. SW82-E1, 120 V., 80 W. EACH, 200 W. TOTAL, OR APPROVED EQUAL.

E4 — FLUORESCENT STRIP, 2-LAMPS, HUBBELL 48" EACH, CAT. NO. SW42R-E1, 40 W. EACH, 120 V., 100 W. TOTAL, OR APPROVED EQUAL.

E5 — FLUORESCENT STRIP, 2-LAMPS, 55 W. EACH, 72" HUBBELL CAT. NO. SW625-E1, 120 V., 130 W. TOTAL, OR APPROVED EQUAL.

E6 — FLUORESCENT STRIP, 2-LAMPS, 20 W. EACH, 24" HUBBELL CAT. NO. SW22T-S1, 120 V., 60 W. TOTAL, OR APPROVED EQUAL.

E7 — FLUORESCENT STRIP, 2-LAMPS, 30 W. EACH, 36" HUBBELL CAT. NO. SW32R-S1, 120 V., 80 W. TOTAL, OR APPROVED EQUAL.

E8 — FLUORESCENT STRIP, 2-LAMPS, 20 W. EACH, HUBBELL CAT. NO. SW22T-E1, 24", 60 W. TOTAL, 120 V., WITH ASYMMETRICAL REFLECTOR 1X4 POA (CUT REF. TO CORRECT SIZE), OR APPROVED EQUAL.

E9 — FLUORESCENT STRIP, 2-LAMPS, 30 W. EACH, HUBBELL CAT. NO. SW32R-E1, 36", WITH ASYMMETRICAL REFLECTOR 1X4 POA, 120 V., 80 W. TOTAL (CUT REF. TO CORRECT SIZE), OR APPROVED EQUAL.

E10 — FLUORESCENT STRIP, 2-LAMPS, 55 W. EACH, 72", HUBBELL CAT. NO. SW62-E1, WITH ASYMMETRICAL REFLECTOR 1X4POA, 72", (CUT REF. TO CORRECT SIZE) 120 V., 150 W. TOTAL OR APPROVED EQUAL.

NOTE:
ALL LIGHT TRACKS, SINGLE OR COMBINATION, SHALL HAVE ALL ACCESSORIES, DEAD END, FEED OUTLET, CONNECTORS, ETC., MAKING A COMPLETE TRACK SYSTEM.

ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL LAMPS IN ALL LIGHT FIXTURES

H — LIGHT TRACK, SWIVELIER STAR TRACK, 2-12 FOOT SECTIONS WITH "L" CONNECTOR AND SBX END FEED OUTLET BOX. (24321, 24325, 24645). EACH CONFIGURATION IS SERVED WITH 208 V., 10 CIRCUIT AND SPLIT, HAVING 2-120 V. CIRCUITS, WITH TRACK LIGHTS INDICATED ON DRAWING. INCLUDING 1-DIMMER CONTROL FOR EACH CIRCUIT, OR APPROVED EQUAL.

J — LIGHT TRACK, SWIVELIER STAR TRACK, 1-12 FOOT, 120 V., 208 V. CIRCUIT, HAVING 2-120 V., CIRS. WITH TRACK LIGHTS INDICATED ON DRAWING, 1-DIMMER CONTROL FOR EACH CIRCUIT OR APPROVED EQUAL.

J1 — LIGHT TRACK, SWIVELIER STAR TRACK, 8 FOOT-120 V., 208 V. CIR., SPLIT, HAVING 2-120 V. CIRS. WITH 1-DIMMER FOR EACH CIRCUIT AND LIGHTS INDICATED ON DRAWING, OR APPROVED EQUAL.

K — TRACK MOUNTED FIXTURE, SWIVELIER, UNIVERSAL LAMP HOLDER, MICRO-SPOT CYLINDER/YOKE SWIVEL WITH ADJUSTABLE SOCKET NO. 23705, R-40, 150 W LAMPS, 120 V., WHITE, NUMBER OF FIXTURES AND LOCATION INDICATED ON DRAWING, INNCANDESCENT OR APPROVED EQUAL.

K1 — TRACK MOUNTED FIXTURE, SWIVELIER, UNIVERSAL LAMP HOLDER, MICRO-SPOT CYLINDER/YOKE SWIVEL WITH ADJUSTABLE SOCKET NO. 23705, R-40, 75 W LAMPS, 120 V., WHITE, NUMBER OF FIXTURES AND LOCATION INDICATED ON DRAWING. INCANDESCENT, OR APPROVED EQUAL.

L1 — HI-TECH FIXTURE/YOKE SWIVEL, PAR-38, 150 W., WHITE, INCANDESCENT LAMP., 120 V., CYLINDER BEAM WITH BARN DOORS WITH 24180 PLUG-MOUNT OUTLET BOX, OR APPROVED EQUAL.

L — TRACK MOUNTED FIXTURE, SWIVELIER, DECORATOR HI-TECH FIXTURE/YOKE SWIVEL, R-40, 300 W., 120 V., CYLINDER BEAM WITH BARN DOORS, 23901 INCANDESCENT, NUMBER OF FIXTURES INDICATED ON DRAWING, WHITE, OR APPROVED EQUAL.

FIBER OPTIC, LIGHT STRIP, FIBERSTARS SYSTEM-FS-F1B /-301-S-1/2", 50 FIBERS CONSISTING OF ILLUMINNATOR BOX CONTAINING 1-150 W. METAL HALIDE, 120 V., LAMP AND COLOR WHEEL. COLOR WHEEL CONSISTS OF 4 COLORS: WHITE, GREEN TURQUOISE AND PINK. 1-120 V., 20 AMP. CIRCUIT FOR FOUR LOCATIONS INDICATED ON DRAWING. FOUR CONDUCTOR CABLE CAN BE USED: 1-WHITE, 1-BLACK, 1-GREEN, AND 1-YELLOW. SEE INSTRUCTIONS. LENGTH OF FIBER TUBING SHALL BE DETERMINED BY ELECT. CONTRACTOR AFTER ILLUMINATOR BOX IS LOCATED. TRACK AND TAPE SHALL BE USED TO INSTALL COMLETELY AS PER MANUFACTURER SPECS. TWO TOGGLES SWITCHES, ONE FOR LIGHT AND ONE FOR COLOR CONTROL AT EACH LOCATION (4 LOCATIONS) (DISTRIBUTOR - PLATT LIGHTING, PITTSBURG, PA - 1-412-795-2207), OR APPROVED EQUAL.

N — ILLUMINATOR BOX, FIBER OPTICAL, OR APPROVED EQUAL.

F — RECESSED, SOFFIT, INCANDESCENT, CAPRI NO. AE6-A1501-X WITH 150 W. PAR-40 LAMP, 120 V., SUITABLE FOR OUTDOORS, 1/4" PLASTER RING MAX., OR APPROVED EQUAL.

F-1 — RECESSED, SOFFIT, INCANDESCENT, CAPRI NO. AEC-A1505-X, 150 W. PAR-40 LAMP, 120 V., SUITABLE FOR OUTDOORS, 1/4" PLASTER RING MAX., OR APPROVED EQUAL.

G — SEMI-RECESSED, WALL FIXTURE, BEGA, NO. 2936, 1-100 W. A-19 LAMP, 120 V., (OUTSIDE MOUNTING HEIGHT - 6'6" AFG) (INSIDE MOUNTING HEIGHT - 8'-6" TO CENTER AF), OR APPROVED EQUAL.

NOTE: MOUNTING LOCATION AND HEIGHT OF LIGHT FIXTURES:

1. MOUNT IN RECESSED COVE, FIXTURE E (SEE DETAIL)
2. MECH. TOILET FIX. (E) MOUNT ON TOP OF WALL
3. MECH. TOIL. FIX. (E) MOUNT ON SIDE OF ALULMINUM PERLIN
4. PUBLIC TOIL. FIX. (E) MTD. IN RECESSED COVE
5. SM/EXHIBIT-MULTI-USE. TYPE "C" AND "C1" STEM MOUNTED ON SIDE OF BEAM
6. EXHIBITION HALL - (E) MOUNT ON TOP OF WALL
7. MEZZANINE (E) ON TOP OF WALL
8. FIBER OPTIC - (N)
9. NOT USED
10. FLUORESCENT PUBLIC TOIL. (AA) MOUNTED 7' ABOVE FLOOR TO BOTTOM
11. FIBER OPTIC - SIGN (GREEN) (N)

FF — PADDLE FAN BY BEVERLY HILLS FAN CO. 52" STRATOS #4603 W/FAN/LT CONTROL (WHITE) NO 5200, 48" DOWN ROD & SLOPE CLG KIT, CONTROLS AND FIXTURES (TO BE FIELD LOCATED)

FF1 — PADDLE FAN BY BEVERLY HILLS FAN CO. 42" STRATOS #4003 W/FAN/LT CONTROL (WHITE) NO 5200, 48" DOWN ROD & SLOPE CLG KIT, CONTROLS AND FIXTURES (TO BE FIELD LOCATED)

12. LIGHT TRACK - PUBLIC TOIL. ENTRANCE (J-1) MOUNTED MID-POINT SIDE OF BEAM
13. OUTDOOR, WALL FLOOD (Q) 6'6" AFG TO CENTER
14. LIGHT TRACK, (H) MOUNT TOP OF LAMINATED BEAM
15. INDOOR, WALL (Q) 6'6" AF TO CENTER

FC — PHOTO CONTROL, HUBBELL, PTA-1, 120 V., 1800 W. MAX., INCANDESCENT, OR APPROVED EQUAL.

50 — BOLLARD, ARCHITECTURAL AREA LIGHTING, INC. CAT. NO. ALC804DW-36. WITH PHOTOCELL CONTROL UNIT. 100 WATT, METAL HALIDE, BLACK GRILLE, OR APPROVED EQUAL.

51 — AREA LIGHTS, KIM, ARCHETYPE, CAT NO. AR3/400-SMH, 208/BL-P/6, OR APPROVED EQUAL.

52 — AREA LIGHTS, KIM, ARCHETYPE, CAT. NO. AR4/400-SMH, 208/BL-P/6, OR APPROVED EQUAL.

53 — CEILING, KENALL, CAT. NO. 5785-9051, 175 WATT, METAL HALIDE, OR APPROVED EQUAL.

54 — FLOOD, INCANDESCENT, KIM, CAT. NO. 5150DL, WITH R-40, 150 WATT, WELL LIGHT, OR APPROVED EQUAL.

55 — NEON SIGN (FRONT AND BACK OF BUILDING)
WEST VIRGINIA TOURIST INFORMATION CENTER
TWO SETS OF FABRICATED NEON, BACK LIGHTED ILUMINATED LETTERS .125 ALUMINUM (ANDCO OR EQUAL)
TRANSFORMER SIZE AS FOLLOWS:
WEST - 12,000 V.
VIRGINIA - 12,000 V.
TOURIST - 9,000 V.
INFORMATION - 12,000 V.
CENTER - 9,000 V.
ALL ELECTRICAL CIRCUITS SERVING NEON SIGNS SHALL BE GROUND FAULT.
TRANSFORMERS SHALL BE MOUNTED INSIDE BUILDING WITH NO WIRING EXPOSED TO OUTSIDE FROM LETTER TO LETTER. SHOP DRAWINGS SHALL ACCOMPANY PROPOSAL.

POLE, KIM, CAT. NO. PRA-18-6188-BL-P, OR APPROVED EQUAL.

U — EMERGENCY LIGHT, DUAL-LITE, EDC-204, 120 V., MOUNTING HEIGHT TO BOTTOM (90") INDICATED, 2-LAMPS, OR APPROVED EQUAL

U-1 — EMERGENCY LIGHT, DUAL-LITE, EDC-104, 120 V., MOUNTING HEIGHT TO BOTTOM (90") INDICATED,1-LAMP, OR APPROVED EQUAL.

T — EXIT LIGHT, DUAL-LITE, EXCITE SERIES X-2100, SINGLE FACE, CEILING MOUNTED, OR APPROVED EQUAL.

T-1 — EXIT LIGHT, DUAL-LITE, EXCITE SERIES, X-2100, SINGLE FACE, WALL MOUNTED, OR APPROVED EQUAL.

TOILET EQUIPMENT ELECTRICALLY OPERATED

W — HAND DRYER, SLOAN, EHD-S 120, 120 V., 2400 W., LOCATION ON DRAWING, OR APPROVED EQUAL.

X — OPTIMA, AUTOMATIC FLUSHING, URINAL, ROYAL-190ES-S, LOCATION ON DRAWING, OR APPROVED EQUAL.

X-1 — OPTIMA, AUTOMATIC FLUSHING, WATER CLOSET, ROYAL, 142ES-S, LOCATION ON DRAWING, OR APPROVED EQUAL.

ELECTRICAL NOTES: (THE FOLLOWING SHALL BECOME PART OF THE CONDITIONS AND SPECIFICATIONS)

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH EXISTING NATIONAL, STATE AND LOCAL CODES.
2. SOLID NEUTRAL SHALL BE INSTALLED IN M.D.P. CIRCUIT BREAKER PANEL BOARD.
3. ALL RECEPTACLES SHALL BE GROUNDING TYPE.
4. ALL ELECTRICAL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION OR COPPER DIRECT BURIAL CABLE.
5. RIGID CONDUIT SHALL BE USED WHEN ELECTRICAL CIRCUITS ARE RUN UNDER DRIVEWAYS AND CONCRETE SLABS.
6. CURRENT TRANSFORMER SHALL BE PROVIDED/SIZED AND INSTALLED BY THE ELECTRIC UTILITY. CABINET PROVIDED BY ELECTRICAL CONTRACTOR.
7. LINE VOLTAGE THERMOSTATS FOR 208 VOLT AND 240 VOLT SHALL BE DOUBLE POLE.
8. WHEN ADEQUATE ELECTRIC SERVICE IS NOT AVAILABLE AT THE BUILDING SITE, THE ELECTRICAL CONTRACTOR SHALL NOTIFY OWNER AND THE OWNER WILL MAKE ARRANGEMENTS WITH THE LOCAL ELECTRIC POWER COMPANY (AT THE OWNER'S EXPENSE) TO PROVIDE SERVICE TO THE BUILDING SITE.
9. EMERGENCY AND EXIT LIGHTING SHALL BE BATTERY TYPE (15 YEAR LIFE) FIXTURE, VOLTAGE AS SPECIFIED, REQUIRING AN AC ELECTRIC SERVICE.
10. ALL DISCONNECT SWITCHES, FUSES, CIRCUIT BREAKER PANELS AND CIRCUIT BREAKERS SHALL HAVE INTERRUPTING RATING (RMS SYMMETRICAL AMPERES FAULT CURRENT) CAPABILITIES BASED ON INFORMATION SUPPLIED BY LOCAL ELECTRICAL UTILITY.
11. ALL ELECTRIC WIRING SHALL BE IN METAL CONDUIT, OR SCHEDULE 40 PVC WHEN SPECIFIED.
12. ALL AREA LIGHTING CIRCUITS RUN IN PVC UNDERGROUND, SHALL HAVE A BONDING BARE COPPER GROUND, SIZED AS RECOMMENDED IN NEC TABLE 250-95.
13. LOCATION OF UNDERGROUND JUNCTION BOXES SHALL BE INDICATED ON SITE PLAN FOR OWNER.
14. ALL AREA CIRCUITS SHALL BE INSTALLED 18" BELOW SURFACE OF FINISHED GRADE. ALL CONNECTIONS IN JUNCTION BOXES BELOW GRADE, SHALL BE COVERED WITH RUBBER SILICONE. SCHEDULE 40 PVC.

ELECTRIC PANEL & SAFETY SWITCH SCHEDULE
SHORT CIRCUIT (RMS) - 2200 AMPS

1. 225 AMP. CIRCUIT BREAKER LOAD CENTER, INDOOR, MAIN LUGS SQUARE-D, 240 V., 3ø, CAT. NO. QO442L225 OR APPROVED EQUAL
2. 400 AMP. CIRCUIT BREAKER LOAD CENTER, INDOOR, MAIN LUGS SQUARE-D, 240 V.,3 ø, CAT. NO. QON442L5400 OR APPROVED EQUAL
3. 30 AMP. HEAVY DUTY SAFETY SWITCH, 240 V., 3 ø, SQUARE-D, CAT. NO. H321NRB OR APPROVED EQUAL
4. 60 AMP. HEAVY DUTY SAFETY SWITCH, 240 V., 3 ø, SQUARE-D, CAT. NO. H322N OR APPROVED EQUAL
5. 100 AMP. HEAVY DUTY SAFETY SWITCH, 240 V., 3 ø, SQUARE-D, CAT. NO. H323NRB OR APPROVED EQUAL
6. 200 AMP. HEAVY DUTY SAFETY SWITCH, 240 V., 3 ø, SQUARE-D, CAT. NO. H324NRB OR APPROVED EQUAL
7. 1200 AMP. 1-LINE FACTORY ASSEMBLED CIRCUIT BREAKER PANELBOARD SQUARE-D, 208Y/120 V., 3 ø, 4-WIRE, TYPE - HCW WITH SOLID NEUTRAL OR APPROVED EQUAL

APPROVAL OF THE FOLLOWING LIGHT FIXTURES IN ADDITION TO THOSE IN OUR ELECTRICAL SYMBOL SCHEDULE ARE AS FOLLOWS:

MOLDCAST CONTRA CLINE/AND BOLLARD FIXTURE, AREA LIGHTING
PRESCOLITE, MERCURY VAPOR, PICNIC SHELTER
KEYSTONE FLUORESCENT STRIP LIGHTING
PRESCOLITE DIMMING CONTROLS
METALUX, COAST, HALO, SURELITES, KIM, KENALL, TRIMBLE HOUSE, LITHONIA (EXT. AND EMERG.), LUTRON DIMMER CONTROL, FAILSAFE (PICNIC SHELTER) FLUOR. STRIPS, SOUTHEAST OR EQUAL

STATE OF WEST VIRGINIA — EDWARD T. BOGGESS No. 670 — REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

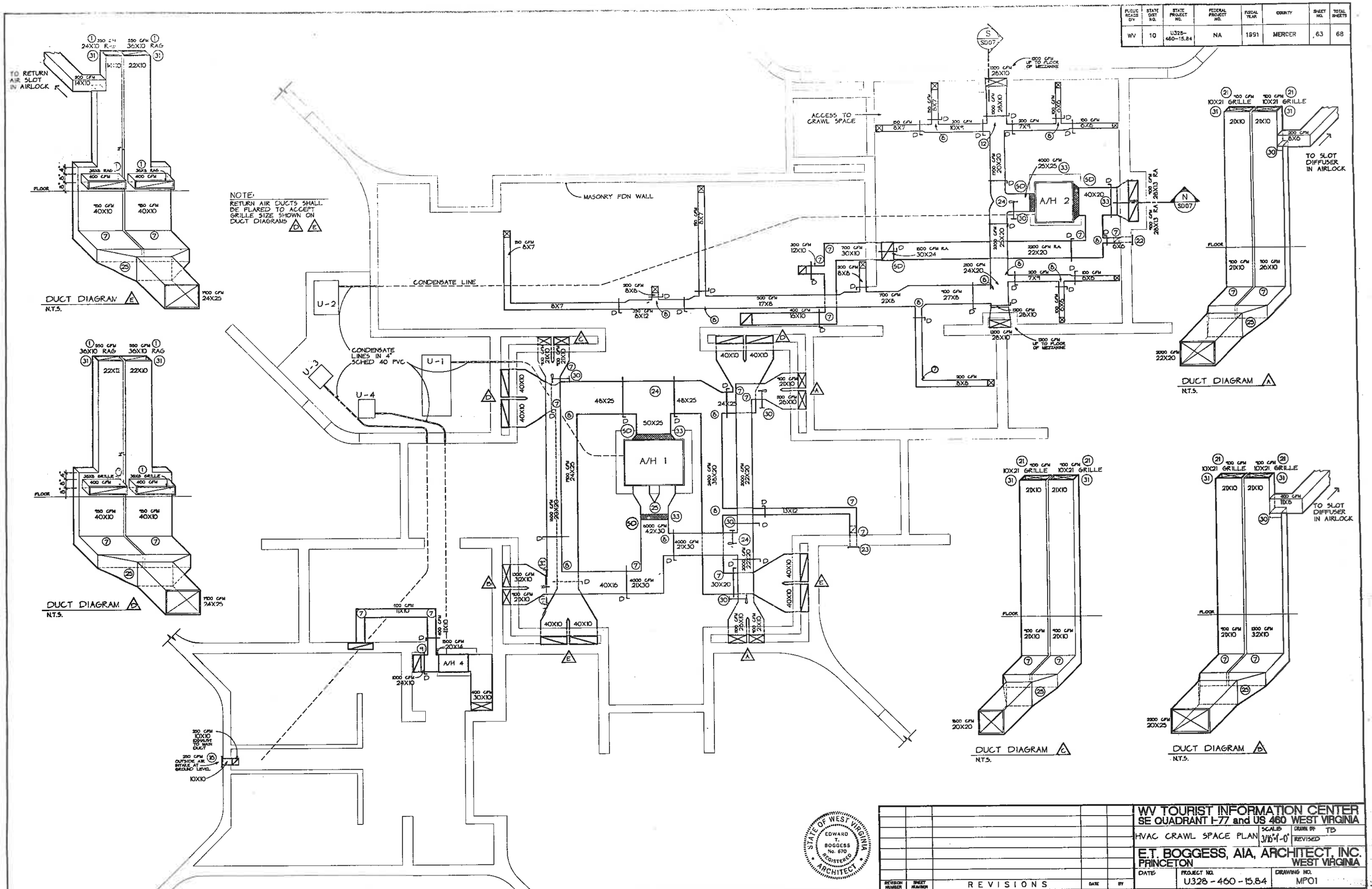
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

ELEC SCHEDULES | SCALE | DRAWN BY | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE | PROJECT NO. U328-460-15.84 | DRAWING NO. ES02

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	63	68



STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

HVAC CRAWL SPACE PLAN

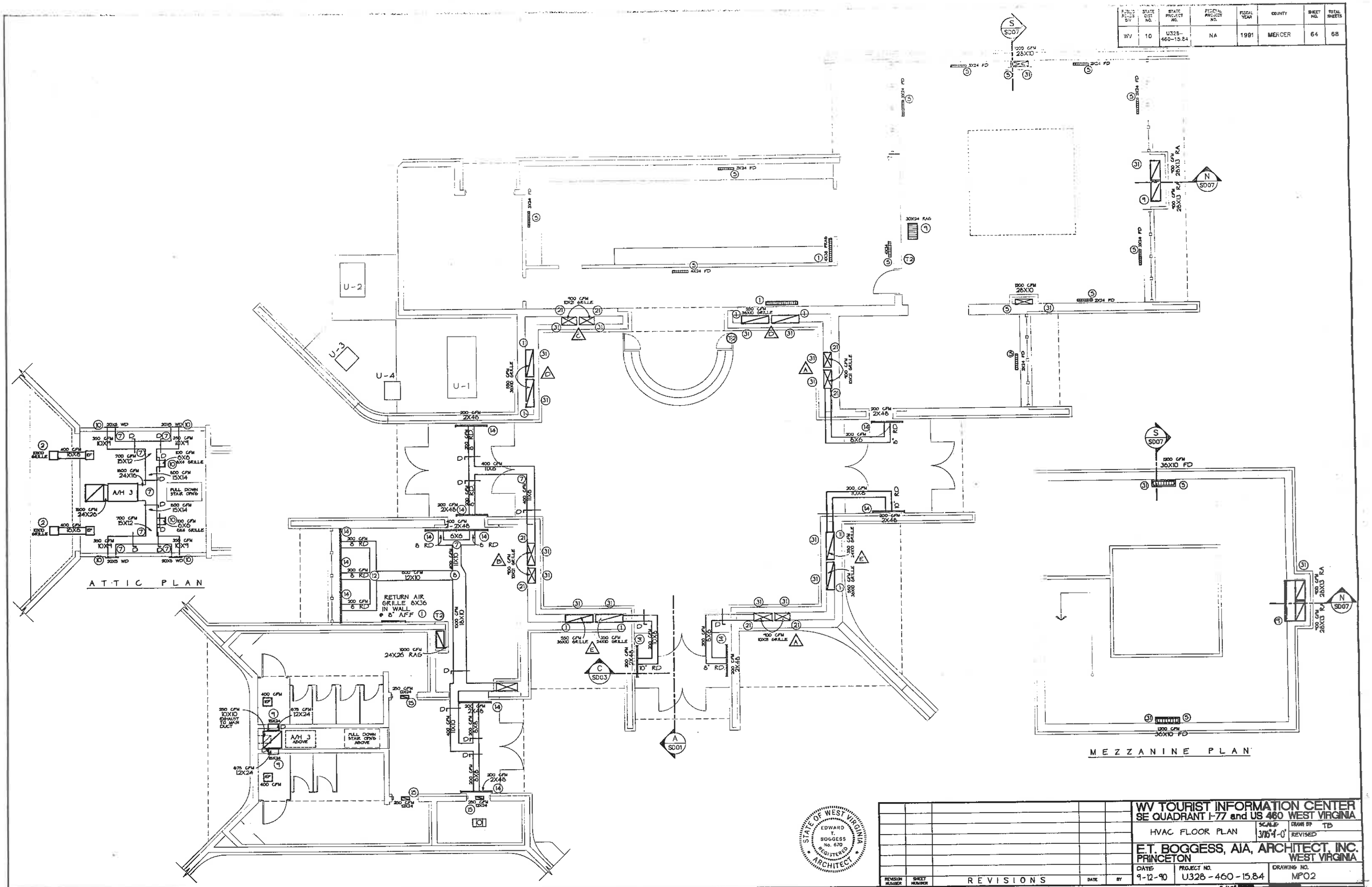
SCALE: 3/16"=1'-0"
DRAWN BY: TD
REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE:
PROJECT NO. U328-460-15.84
DRAWING NO. MP01

3/16" 0 2 4 8 16

PUBLIC ACCESS SYS	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	64	68



REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

HVAC FLOOR PLAN

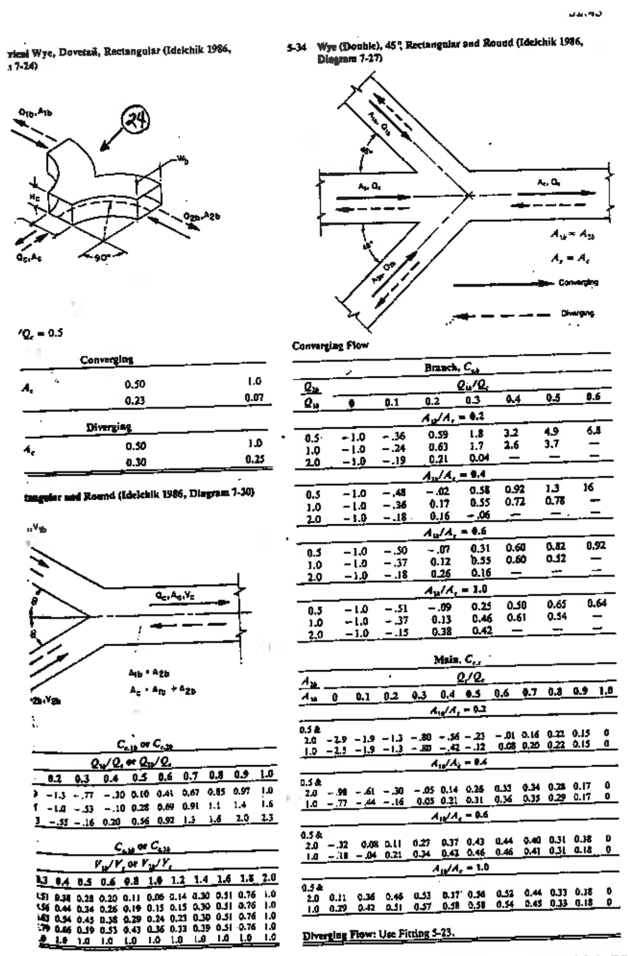
SCALE 3/16"=1'-0" | DRAWN BY TB | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE 9-12-90 | PROJECT NO. U328-460-15.84 | DRAWING NO. MP02

3/16" 0 2 4 8 16

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	65	68



APPROVAL OF THE FOLLOWING MECHANICAL EQUIPMENT IN ADDITION TO THOSE IN OUR SYMBOL SCHEDULE ARE AS FOLLOWS:

HOT WATER HEATERS - JACKSON, A.O. SMITH

AIR REGISTERS, RELIEF VENTS - CONSTRUCTION SPECIALTIES, CESCO PRODUCTS, ARROW UNITED INDUSTRIES, CAPTIVE-AIRE

THERMOSTATS - GENERAL ELECTRIC, CLIMATE CONTROL

SMOKE DETECTORS - DIEBOLD, INC., HONEYWELL PROTECTION SERVICE

EXHAUST FANS - FASCO, INDUSTRIES, INC.

AND/OR APPROVED EQUAL.

VELOCITY

MAIN DUCT SUPPLY	1000 FPM	
BRANCH DUCT SUPPLY	700 FPM	R.A. FILTERED GRILLE - 300 FPM
MAIN DUCT RETURN	800 FPM	
BRANCH DUCT RETURN	400 FPM	

NOTE:

ALL DUCTS SHALL BE CONSTRUCTED OF SHEET METAL STEEL WITH GAGE AS FOLLOWS:

UP THRU 12----------26 GAGE
13-18---------------24 GAGE
19-30---------------24 GAGE WITH CROSS BRACING
31-54---------------22 GAGE WITH CROSS BRACING
55-60---------------20 GAGE WITH CROSS BRACING

NOTE:

ALL BRANCH DUCTS, TURNING 90 DEGREES VERTICALLY, SHALL HAVE TURNING VANES.

OUTSIDE AIR:
PUBLIC TOILETS - 250 CFM PLUS 500 CFM FROM EXHIBITION HALL AND VENDING AREA, TOTAL EXHAUST = 750 CFM
VENDING AREA - 100 CFM
EXHIBITION HALL - 400 CFM
MEZZANINE - 100 CFM

H.V.A.C. SYMBOL AND EQUIPMENT SCHEDULE

EF — CEILING EXHAUST FAN, DAYTON 4-C-737, 400 CFM, 120 V. 185 W. (EXHAUST IN SOFFIT OF PUBLIC TOILET AS INDICATED)

EF 1 — EXHAUST FAN, BROAN MODEL S-90, 90 CFM, 120 V.,MOUNT IN WALL 7' A.F. AND DUCT TO SOFFIT, OUTSIDE WITH 4" ROUND DUCT. USE SAME TYPE GRILLE IN SOFFIT THAT IS USED IN EXHAUST FOR PUBLIC TOILETS. HART & COOLEY A-70, 42 DEGREES

WH — ELECTRIC WATER HEATER, RUUDGLAS, 52-GAL. MODEL ME-52-2, 4.5 KW, 240 V., 1 Ø

WH 1 — ELECTRIC WATER HEATER, RUUDGLASS, 20 GAL., MODEL MEX-20-2 4.5 KW, 208 V., 1 Ø

SD — SMOKE DETECTOR, BARBER COLMAN, (AIR PRODUCTS & CONTROLS, LTD.) EACH MAIN SUPPLY AND RETURN AIR DUCT, DISCONTINUING OPERATION OF AIR HANDLER AND ACTIVATING FIRE ALARM

D — DAMPER, MANUALLY ADJUSTABLE

T — THERMOSTAT, ELECTRIC, LINE VOLTAGE, D.P., 120/240 V. BERKO CAT. NO. M-402, WALL MOUNTED

H-C — THERMOSTAT, 2-STAGE HEATING, 1-STAGE COOLING (2-OUTDOOR STATS WITH 10 AND 20 TON UNITS) FIRST STAGE HEATING-HEAT PUMP SECOND STAGE HEATING-AUX. ELEC. HEAT (10 AND 20 TON UNITS-SECOND STAGE HEATING, ONE HALF AUX. HEAT AT 30 DEGREES OUTDOOR THERMOSTAT, REMAINDER OF AUX. HEAT AT 0 DEGREES OUTDOOR THERMOSTAT) LOCATE ADJACENT TO R.A. GRILLE APPROX. 45 " A.F.F.

1 — RETURN AIR REGISTER, CARNES MODEL-CTMBD WITH RETAINING OPTION "R", FILTER CLIPS FOR 1" INSULATION, 15 DEGREE DEFLECTION, DAMPER AND 1/2" BAR SPACING. (REGISTERS INSTALLED IN SIDEWALL OF EXHIBITION HALL SHALL BE RECESSED 4" WITHOUT A FLANGE.) (REGISTERS INSTALLED ON TOP SURFACE OF WALL IN EXHIBITION HALL AND FLOOR LEVEL IN MEZZANINE SHALL HAVE 3/4" FLANGE AND ANCHOR HOLES.)

2 — RELIEF VENT, PUBLIC TOILET SOFFITT, HART & COOLEY, SERIES A-70, 42 DEGREES, WITH SCREEN

5 — SUPPLY/LINEAR GRILLE, FLOOR, CARNES CURTAINAIR MODEL-CCKBG (3/4" FLANGE)

7 — TURNING VANES, FOR SQUARE ELBOW, SMALL DOUBLE VANE WITH 1-1/8" SPACING UP TO 18" WIDE DUCT. LARGE DOUBLE VANE, FOR SQUARE ELBOW, WITH 2-1/4" SPACING 19" WIDE DUCT AND OVER

8 — DIVERGING OR CONVERGING, BRANCH FROM MAIN

9 — WALL TYPE RETURN AIR GRILLE, CARNES VARICORE WITH ONE INCH FIBERGLASS FILTER 6'-8" A.F.F. TO BOTTOM OF GRILLE, IN PUBLIC TOILET, OTHER LOCATIONS AND SIZES ON DRAWINGS

10 — WALL TYPE SUPPLY REGISTER, CARNES MODEL 200H, 45 DEGREE AIR DISTRIBUTION, MOUNTED 11'-0" A.F.F. (PUBLIC TOILETS) SIZE ON DRAWING

11 — ELECTRIC UNIT HEATER, BERKO-HUH-324-S, 3.3 KW, 240 V., 1 O, MOUNT ON WALL 7'-0" A.F.F. WITH WALL MOUNTED THERMOSTAT WT-12

12 — SYMMETRICAL, DOUBLE WYE, RECTANGULAR WITH TWO SPLITTER DAMPERS (SIZE ON DRAWING)

13 — LINEAR, FLOOR RETURN AIR GRILLE, CARNES MODEL-CCKBG WITH CLIPS FOR 1" FILTER, 3/4" FLANGE

14 — CEILING SUPPLY, CARNES SLOT DIFFUSER, 1-SLOT MODEL DASA, 200 CFM

15 — DOOR GRILLE,HORIZONTAL, RED OAK LOUVERED, FREE AIR SPACE 120 S.I., SEE DOOR DETAIL

16 — OUTDOOR AIR, CARNES GRILLE MODEL RAAAH, WITH DEBRIS, 1" FILTER CLIP, AND PLASTER FRAME. SIZED FOR 10" X 10" DUCT, 250 CFM

21 — LINEAR, SUPPLY GRILLE, CARNES CURTAINAIR, MODEL-CCRBS, (EXHIBITION HALL & MEZZANINE) WITH 3/4" FLANGE AND ANCHOR HOLES, SIZE ON DRAWING

22 — OUTDOOR AIR, CARNES GRILLE MODEL RAAAH, WITH DEBRIS, 1" FILTER CLIP, AND PLASTER FRAME. SIZED FOR 6" X 6" DUCT, 100 CFM

23 — OUTDOOR AIR, CARNES GRILLE MODEL RAAAH, WITH DEBRIS, 1" FILTER CLIP, AND PLASTER FRAME. SIZED FOR 13" X 12" DUCT, 500 CFM

24 — SYMMETRICAL WYE, RADIUS OF 1-1/2 TIMES WIDTH OF DUCT, WITH SPLITTER DAMPER IF INDICATED

25 — TAPERED TAKE-OFF, SUPPLY AND RETURN AS INDICATED ON DRAWING

26 — CEILING RETURN, SIDEWALL MOUNTING WITH STRAPS AND SCREWS CARNES SLOT, ONE SLOT RETURN AIR, MODEL DFRA, 200 CFM

29 WYE, RECTANGULAR SEE DRAWING

30 SPLITTER DAMPER SEE DRAWING

31 TRANSITION FOR VERTICAL DUCT IN CHASE AND WALLS, TRANSITION SIZED TO ACCOMODATE SUPPLY AND RETURN AIR GRILLES

33 DUCT, ACCOUSTICAL LINING WITH NEOPRENE FACING ON SIDE NEXT TO AIR STREAM, 1/2", 8' FROM A/H SUPPLY AND RETURN, ALL AIR HANDLERS

H.V.A.C. EQUIPMENT SCHEDULE

MARK	MANUF.	COOLING	AUX. ELEC. HEAT-KW	MODEL NO.	VOLTS	PHASE	MAX. FUSE	NUMBER CIRCUITS	SIZE	SQUARE D SAFETY SW.
1	TRANE	20 TON		TWA240B300A	208	3	110-A	1	W-44",L-93",H-44"	
2	TRANE	10 TON		TWA120A300A	208	3	80-A	1	W-37",L-5L",H-42"	
3	TRANE	4 TON		TWA748A300A	208	3	30-A	1	W-24",L-28",H-32"	
4	TRANE	3-1/2 TON		TWA742A300A	208	3	25-A	1	W-24",L-28",H-32"	
A/H1	TRANE		BAYHTRM350A 49.84	TWE240B300A	208	3	175-A	1	W-92",L-71",H-30"	
A/H2	TRANE		BAYHTRL335A 34.88	TWE120A300A	208	3	125-A	1	W-63",L-59",H-25"	
A/H3	TRANE		BAY9CX1514A 14.4	TWH048B140A	208	1	A/H 30A AUX.HEAT 60A	1 1	W-25",L-47",H-27"	NO S.W.
A/H4	TRANE		BAY96X1514A 14.4	TWH042B140A	208	1 3	A/H 30A AUX.HEAT 60A	1 1	W-28",L-48",H-22"	NO S.W.

H.V.A.C. CONTRACTOR SHALL PROVIDE AND INSTALL DISCONNECT SWITCHES FOR AIR HANDLERS AND COMPRESSORS, SIZED AND FUSED AS RECOMMENDED BY THE MANUFACTURER.

NOTE:

ALL HVAC AND ELECTRIC WORK INDICATED ON THIS DRAWING SHALL BE DONE IN ACCORDANCE WITH N.E.C., N.F.C. AND U.L. FIRE RATING LISTED.

WEST VIRGINIA STATE FIRE MARSHALL AND LOCAL AUTHORITIES SHALL APPROVE ALL WORK INDICATED ON THESE DRAWINGS BEFORE CONSTRUCTION AND AFTER ALL WORK IS COMPLETED.

AIR FLOW FOR HVAC IN EACH AREA ON THIS DRAWING SHALL BE BALANCED TO ASSURE THAT THE AIR FLOW FROM EACH SUPPLY REGISTER AND RETURN AIR GRILLE IS THE SAME AS SHOWN ON THE DRAWING.

ALL DUCTS SHALL BE RIGID METAL. SIZE ON DRAWING. (RECTANGULAR)

NOTE:

ALL DUCTS SHALL BE SUPPORTED EVERY EIGHT FEET.

ALL DUCTS SHALL HAVE 1" INSULATION FIRE RATED.

DIRECTION OF AIR FLOW FOR EACH REGISTER, INDICATED ON DRAWING.

WALL PENETRATIONS WITH DUCT, WATER PIPES OR CONDUIT, SHALL BE SEALED ACCORDING TO U.L. FIRE RATING LISTED. NFC - 10.3.2, SECTION 6-2 AND B.O.C.A. - M-304.0, M-308.0.

ADD ADDITIONAL FIRE OR SMOKE DAMPERS OR SMOKE ALARMS IF RECOMMENDED BY STATE FIRE MARSHALL.

NOTE:

ALL SMOKE DETECTORS AND SMOKE DAMPERS SHALL BE ELECTRIC TIED IN WITH THE FIRE ALARM SYSTEM.

NOTE:

SAFETY SWITCH SHALL BE INSTALLED BY H.V.A.C. CONTRACTOR, FOR EACH H.V.A.C. UNIT ON OR ADJ. TO HEAT PUMP AND AIR HANDLER, AS PER MANUFACTURER RECOMMENDATION.

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

MECH SCHEDULES

E.T.BOGGESS, A.I.A. ARCHITECT
PRINCETON WEST VIRGINIA

DATE	PROJECT NO.	DRAWING NO.
12-10-90	U328-460-15.84	M501

SCALE — DRAWN BY — REVISED

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	66	68

NOTE:

ALL WALL PENETRATION WITH DUCTS:
THE HVAC CONTRACTOR SHALL FABRICATE DUCTS AND INSTALL THEM WHILE WALLS ARE BEING CONSTRUCTED.

DUCTS RUNNING VERTICALLY IN A CHASE OR IN A SPACE INDICATED ON DRAWING SHALL BE CONSTRUCTED IN SECTIONS (APPROX. 36") AND STACKING, LOCKING, SUPPORTING AND INSULATING EACH SECTION AS WALLS ARE CONSTRUCTED.

ALL DUCTS SHALL HAVE A MINIMUM OF 1" FIBERGLASS INSULATION WHEN SPACE PERMITS. IF ALLOTED SPACE PROHIBITS USE OF 1" INSULATION, THEN FOAM INSULATION SHALL BE USED TO FILL CAVITY AROUND DUCT.

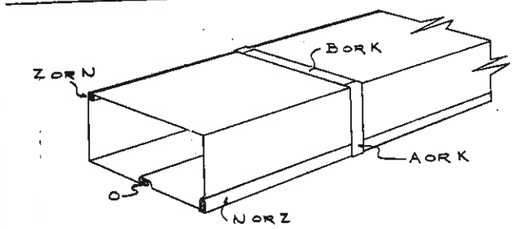
CONDENSATE DRAINS AND REFRIGERANT LINES SHALL BE INSTALLED AS INDICATED ON DRAWING.

DUCT REINFORCEMENT, HANGERS, DAMPERS, DUCT TRANSITIONS, SHALL BE AS FOLLOWS:

DUCTS THRU 18" MAXIMUM DIMENSION
(NOT TO SCALE)

LEGEND

(A) DRIVE SLIP
(B) PLAIN "S" SLIP
K) POCKET LOCK
(N) PITTSBURGH LOCK
(O) ACME LOCK OR GROOVED SEAM
(Z) BUTTON PUNCH SNAP LOCK



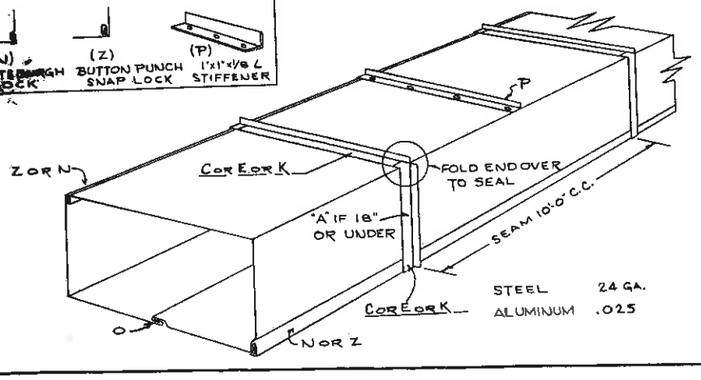
STEEL	26 GA.	THRU 12"
STEEL	24 GA.	13" THRU 18"
ALUMINUM	.020	THRU 12"
ALUMINUM	.025	13" THRU 18"

NOTE: BUTTON PUNCH SNAP LOCK NOT RECOMMENDED FOR ALUMINUM

LEGEND

(C) HEMMED "S" SLIP
(A) DRIVE SLIP
(E) 1" BAR SLIP
(K) 1" POCKET LOCK
(N) PITTSBURGH LOCK
(Z) BUTTON PUNCH SNAP LOCK
(P) 1"x1"x1/8" L STIFFENER

DUCTS 19" THRU 30"
(NOT TO SCALE)

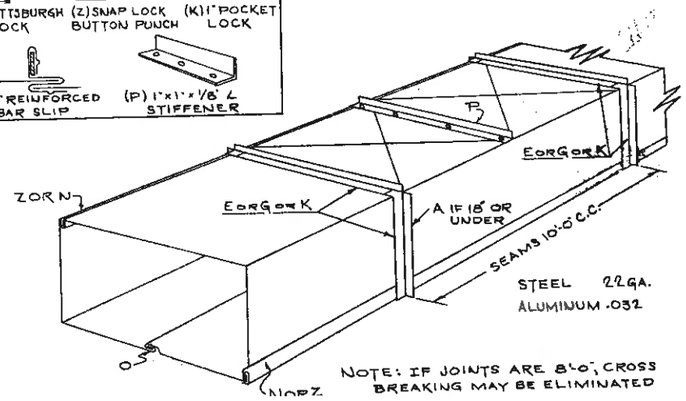


STEEL 24 GA.
ALUMINUM .025

LEGEND

(A) DRIVE SLIP
(O) ACME LOCK
(E) 1" BAR SLIP
(N) PITTSBURGH LOCK
(Z) SNAP LOCK BUTTON PUNCH
(K) 1" POCKET LOCK
(G) 1" REINFORCED BAR SLIP
(P) 1"x1"x1/8" L STIFFENER

DUCTS 31" THRU 42"
(NOT TO SCALE)



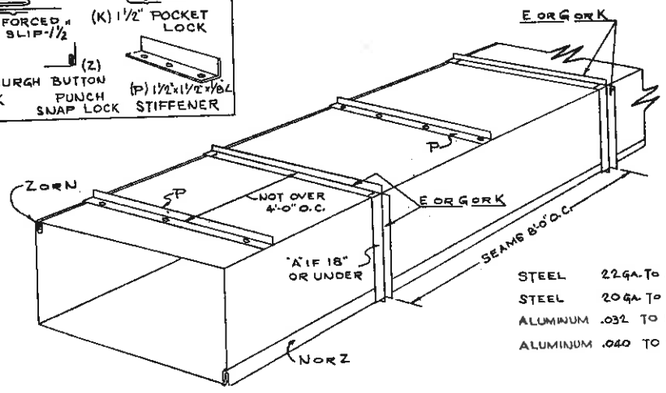
STEEL 22 GA.
ALUMINUM .032

NOTE: IF JOINTS ARE 8'-0", CROSS BREAKING MAY BE ELIMINATED

LEGEND

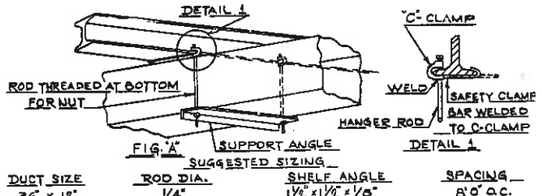
(A) DRIVE SLIP
(E) 1½" BAR SLIP
(G) REINFORCED BAR SLIP-1½"
(K) 1½" POCKET LOCK
PITTSBURGH LOCK (N)
(Z) BUTTON PUNCH SNAP LOCK
(P) 1½"x1½"x1/8" L STIFFENER

DUCTS 43" THRU 60"
(NOT TO SCALE)



STEEL	22 GA.	TO 54"
STEEL	20 GA.	TO 60"
ALUMINUM	.032	TO 54"
ALUMINUM	.040	TO 60"

HANGERS FOR DUCTS - TRAPEZE TYPE BEAM



SUGGESTED SIZING

DUCT SIZE	ROD DIA.	SHELF ANGLE	SPACING
36" x 12"	1/4"	1½" x 1½" x 1/8"	8'0" O.C.
48" x 18"	1/4"	1½" x 1½" x 1/8"	8'0" O.C.
60" x 24"	5/16"	2" x 2" x 1/8"	8'0" O.C.
84" x 24"	3/8"	2" x 2" x 1/8"	8'0" O.C.

VOLUME DAMPERS

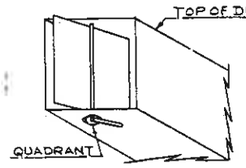


FIG. "A"

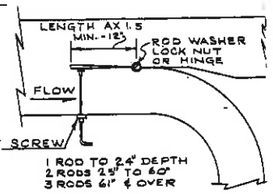


FIG. "B"
SPLITTER DAMPER

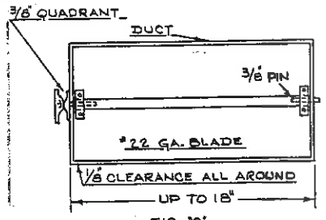


FIG. "C"

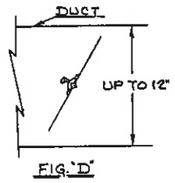


FIG. "D"

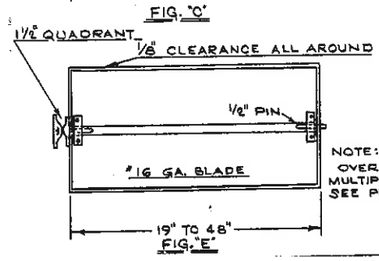
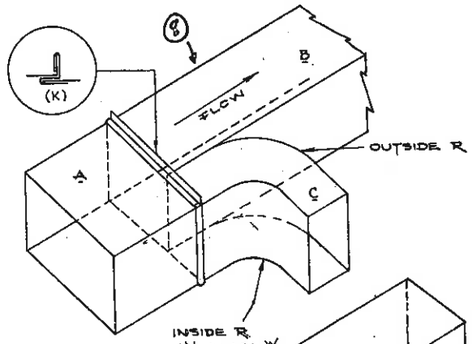


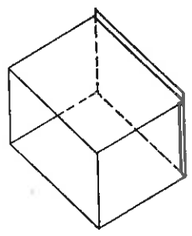
FIG. "E"

NOTE: OVER 12" USE MULTIPLE BLADES SEE PLATE 29

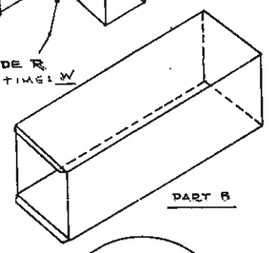
FIG. "F"
UP TO 12"

BRANCH FROM MAIN

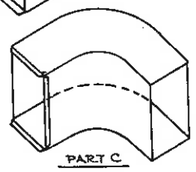




PART A



PART B



PART C

TAPERS - OFFSETS.

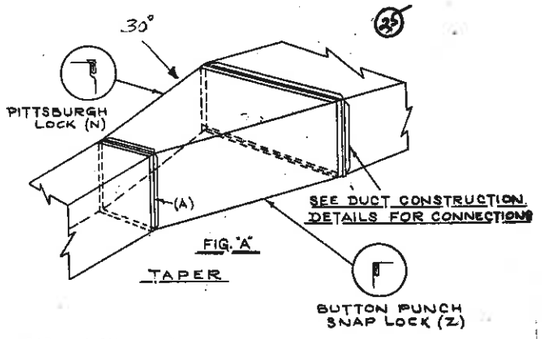


FIG. "A"
TAPER

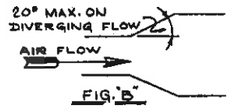


FIG. "B"

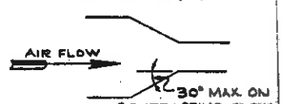


FIG. "C"

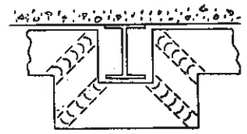


FIG. "D"

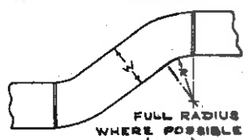
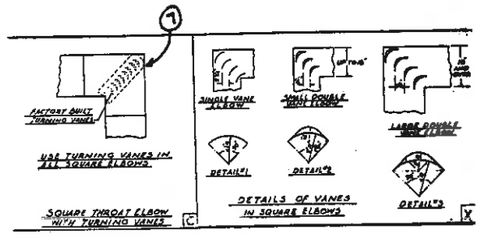


FIG. "E"



STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 870 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

MECH SCHEDULES

SCALE: DRAWN BY: REVISED

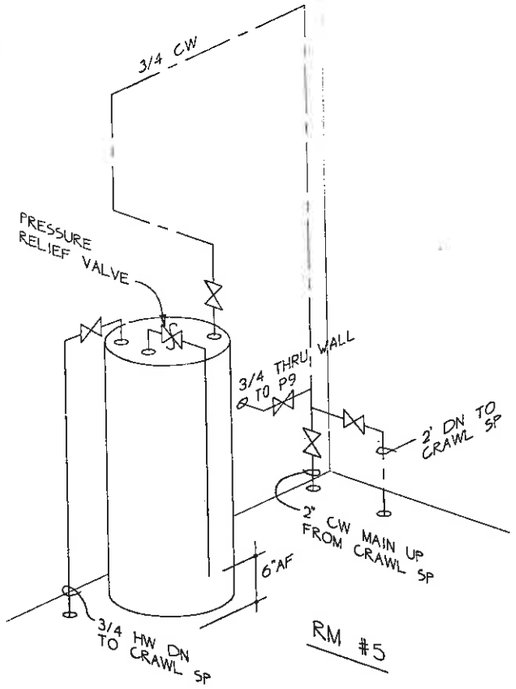
E.T.BOGGESS, A.I.A. ARCHITECT
PRINCETON WEST VIRGINIA

DATE: 12-10-90 PROJECT NO. U328-460-15.84 DRAWING NO. M502

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	67	68

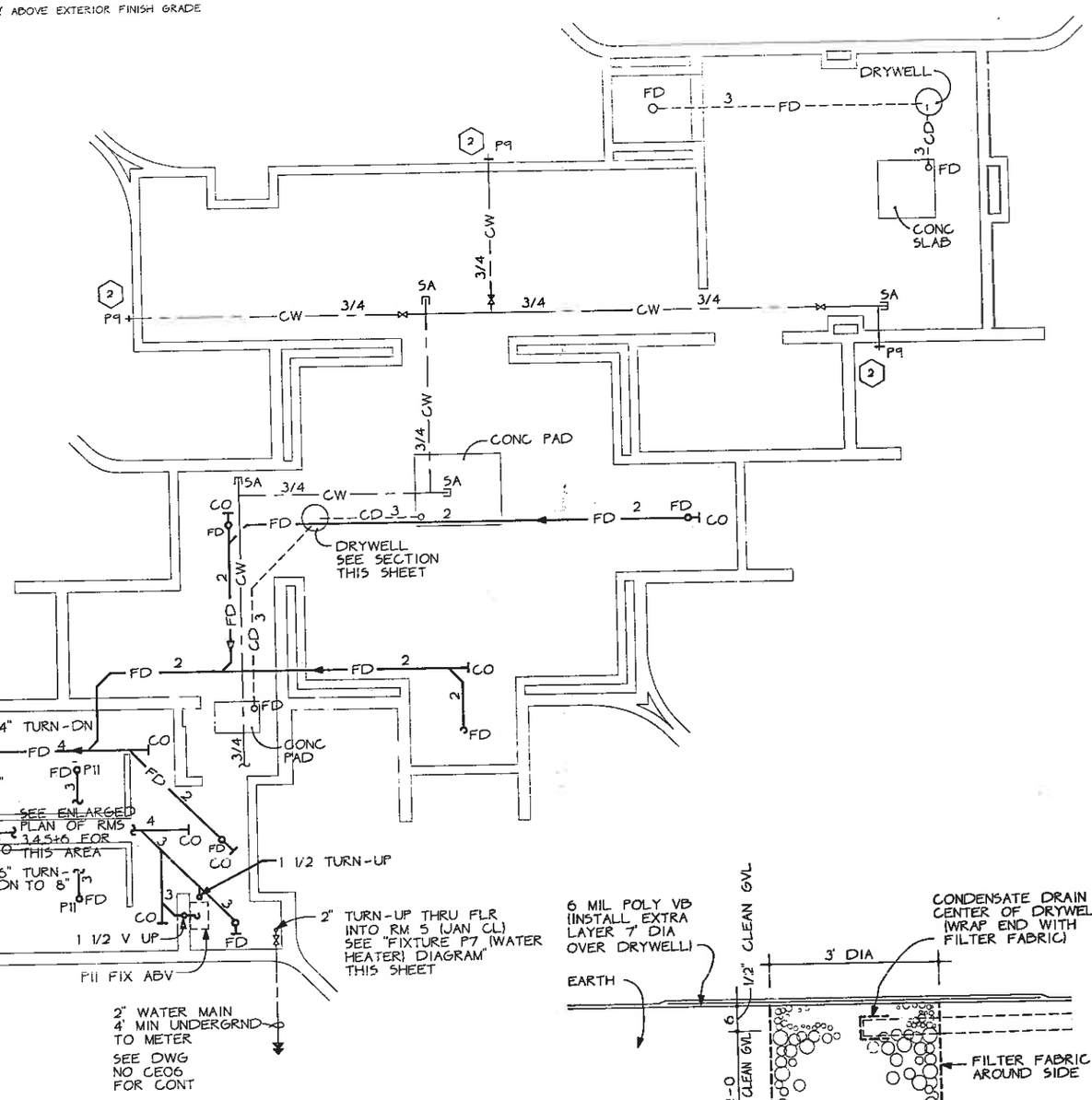
(1) NOTES

1. HOLD 6" LINE CLOSE TO ONE SIDE OF BLOCK WALL HOLD ALL LINES IN CHASE CLOSE TO WALLS CLOSELY COORDINATE INSTALLATION OF ALL LINES WITH OTHER TRADES
2. MOUNT 2' ABOVE EXTERIOR FINISH GRADE



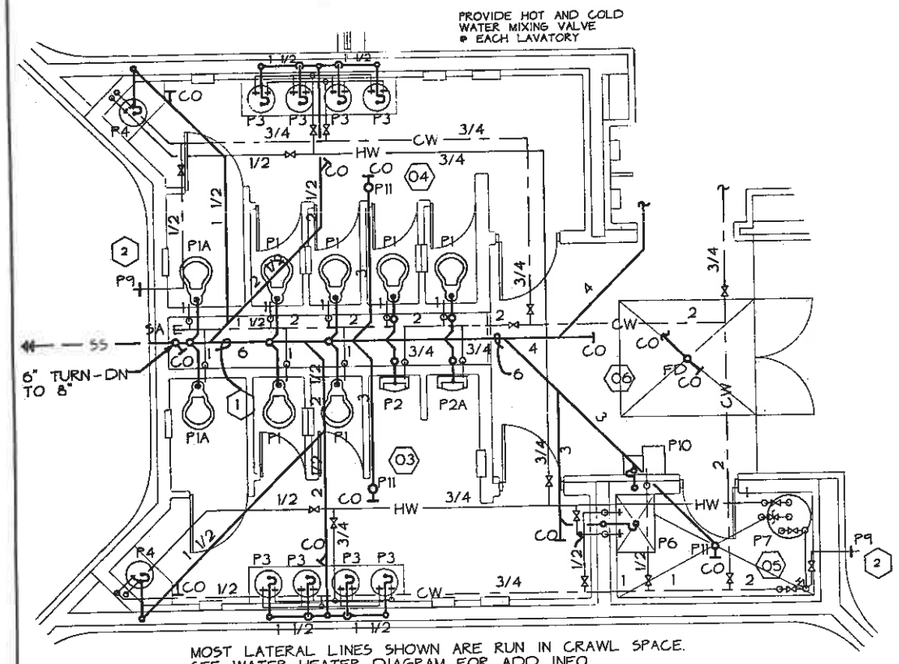
FIXTURE P7 (WATER HEATER) DIAGRAM

NOT TO SCALE



PLAN OF CRAWL SPACE

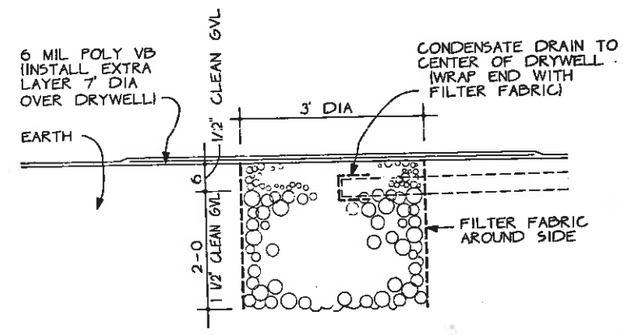
SCALE: 1/8" = 1'-0"



MOST LATERAL LINES SHOWN ARE RUN IN CRAWL SPACE. SEE WATER HEATER DIAGRAM FOR ADD INFO.

ENLARGED FLOOR PLAN (RMS 3,4,5 + 6)

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



DRYWELL SECTION

3/4" = 1'-0

STATE OF WEST VIRGINIA EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

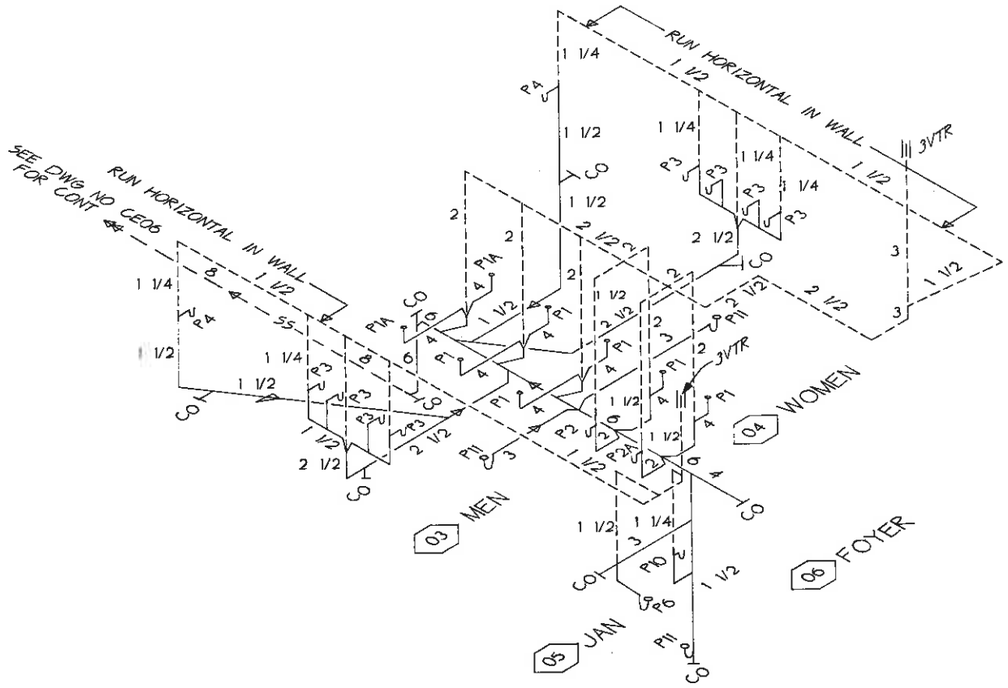
WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

PLUMBING PLAN | SCALE: NOTED | DRAWN BY: AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE: | PROJECT NO. U328-460-15.84 | DRAWING NO. PP01

PUBLIC ROADS DIV	STATE DIST NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS
WV	10	U328-460-15.84	NA	1991	MERCER	58	58



ISOMETRIC DIAGRAM OF SANITARY SEWER
@ ROOM NUMBERS 03, 04, 05, + 06
NOT TO SCALE

PLUMBING FIXTURES

MARK	DESCRIPTION
P1	Provide American Standard, Madera water saver toilet #2221.018, white; Olsonite #95 open front seat less cover; Sloan Flushometer Royal 142 ES-S, or approved equal.
P1A	Provide American Standard Cadet Elong. water saver toilet #9468.018, white; (handicapped) Olsonite #95 open front seat less cover; Sloan Flushometer Royal 142 ES-S, or approved equal.
P2	Provide American Standard Lynbrook water saver urinal Blowout flush action #9538.010 white, back spud, conform to ASSE 1037, Sloan Flushometer Royal 190 ES-S, or approved equal.
P2A	Provide American Standard Jetbrook #6570.022 urinal Blowout flush action, top spud, 3" outlet, Sloan Flushometer Royal 190 ES-S, or approved equal. (HC)
P3	Provide lavatory/countertop Corian 810 Underlayment Lav. and countertop per Drawing details - American Standard, chrome plated grid drain assembly, Faucet - Sloan Optima ETF-80; Mixing valve - T & S Brass & Bronze Works, Inc. Model #3041, or approved equal.
P4	Provide Lavatory/countertop Corian 810 Underlayment Lavatory and countertop per Drawing details, Faucet - Delta #525WFHDF-Col-Hot-HGM, slow self close (HC) or approved equal.
P6	Provide Florestone mop receptor-molded Model #MSR-3624 (3" drain) with hose and clamp #MR-370, faucet with vacuum breaker/mop hanger #MR-372; 2 ea. 2' and 3' SS rim guards # MR-373, and 3" wedge lock seal #MR-374, or approved equal.
P7	Provide Ruudglas, hot water heater Master Energy Miser 52 gal. model ME 52-2, 1 Ø, 240 v., AC, or approved equal.
P9	Provide Josam wall hydrant non-freeze, Hydrasan I, integral vacuum breaker, recessed wall type #71000-20 (Mt. 2' above grade unless noted), or approved equal.
P10	Provide Oasis Modular Drinking Fountain (double) general public and handicapped Model OMDFSL-PE, SS finish or approved equal.
P11	Provide floor drain/sink Josam 49223, or approved equal.

STATE OF WEST VIRGINIA
EDWARD T. BOGGESS No. 670 REGISTERED ARCHITECT

REVISION NUMBER	SHEET NUMBER	REVISIONS	DATE	BY

WV TOURIST INFORMATION CENTER
SE QUADRANT I-77 and US 460 WEST VIRGINIA

PLUMBING | SCALE: NOTED | DRAWN BY: AD | REVISED

E.T. BOGGESS, AIA, ARCHITECT, INC.
PRINCETON WEST VIRGINIA

DATE	PROJECT NO.	DRAWING NO.
12-14-90	U328-460-15.84	PP02