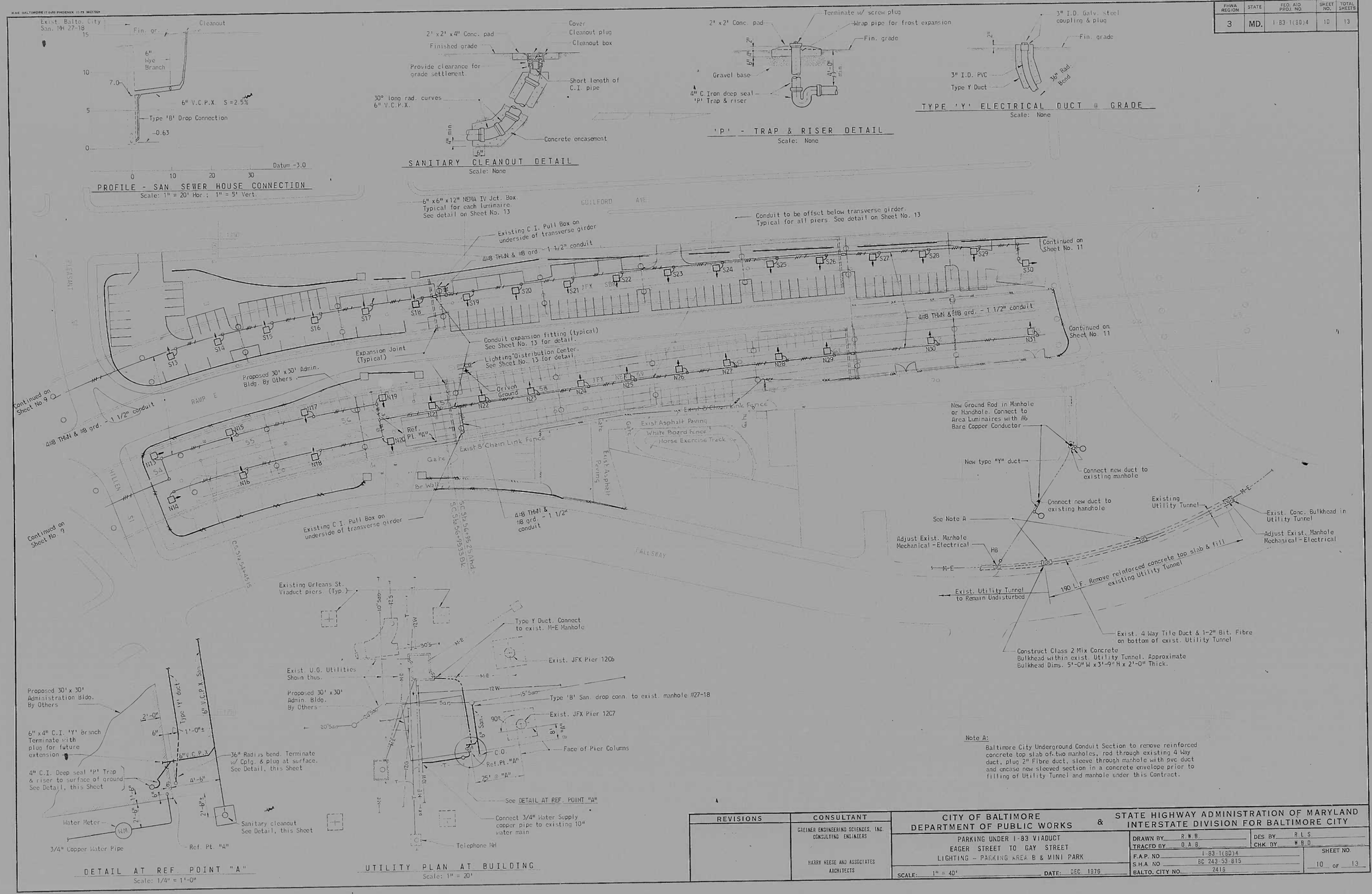
RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	10	13



Note A:

Baltimore City Underground Conduit Section to remove reinforced concrete top slab of two manholes, rod through existing 4 way duct, plug 2" Fibre duct, sleeve through manhole with pvc duct and encase new sleeved section in a concrete envelope prior to filling of Utility Tunnel and manhole under this Contract.

REVISIONS	CONSULTANT
	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

&

STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
LIGHTING - PARKING AREA B & MINI PARK

SCALE: 1" = 40' DATE: DEC. 1978

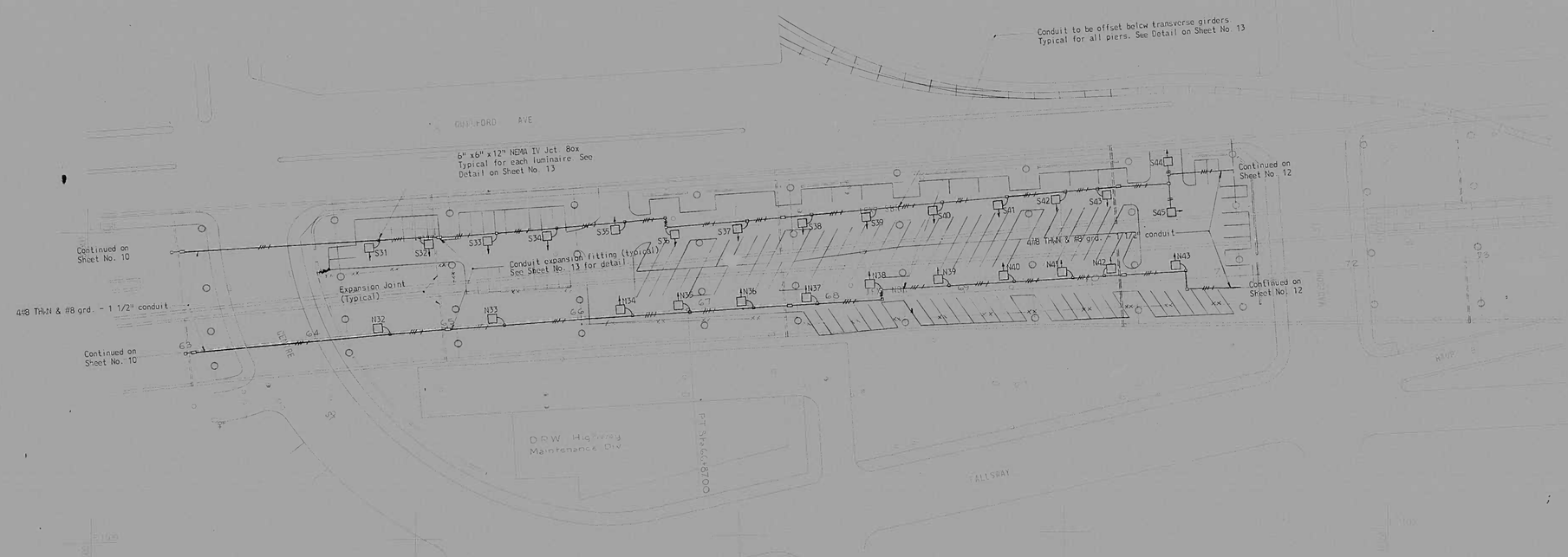
DRAWN BY R.W.B. DES. BY R.L.S.
TRACED BY D.A.B. CHK. BY W.B.D.
F.A.P. NO. I-83-1(80)4
S.H.A. NO. BC 243-53-813
BALTO. CITY NO. 2415

SHEET NO. 10 OF 13

RATIO - 24

K&E BALTIMORE (1) 5X5 PHOENIX 10 70 MOTION

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83 1(80)4	11	13

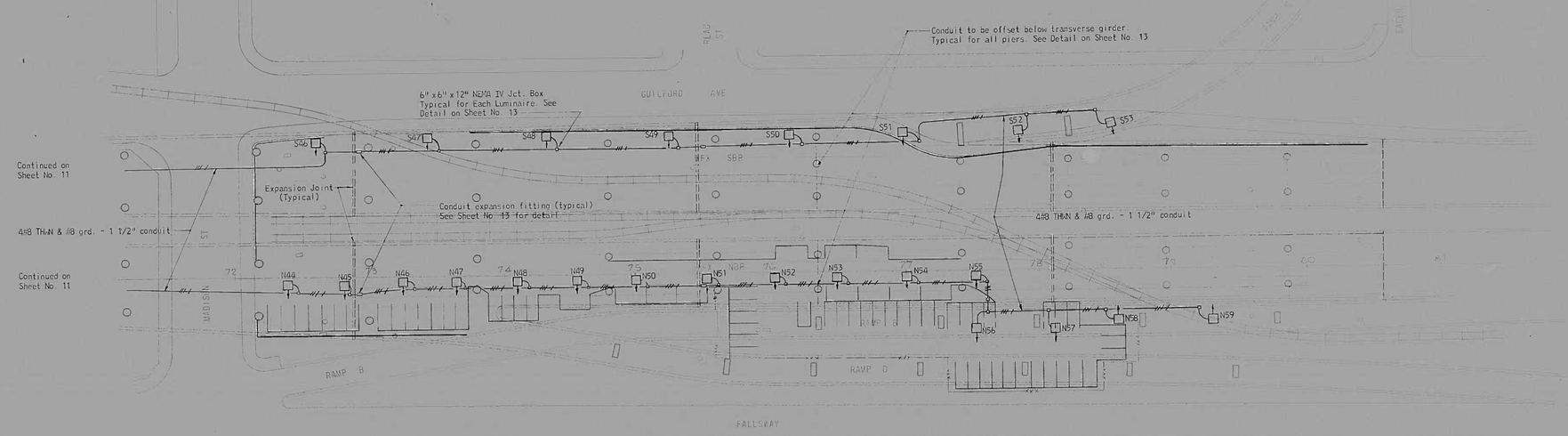


REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS	PARKING UNDER I-83 VIADUCT EAGER STREET TO GAY STREET LIGHTING – PARKING AREA C	DRAWN BY R.W.B. DES BY R.L.S. TRACED BY R.W.B. CHK BY W.B.D. F.A.P. NO I-83 1(80)4 S.H.A. NO BC 243 53 815 BALTO. CITY NO. 2416
		SCALE: 1" = 40' DATE: DEC. 1976	SHEET NO 11 OF 13

RATIO - 24

K&E BALTIMORE (7 5 8) PHOENIX (6 7 3) MOTSH

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	12	13



REVISIONS	CONSULTANT
	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

&

STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
LIGHTING - PARKING AREA D

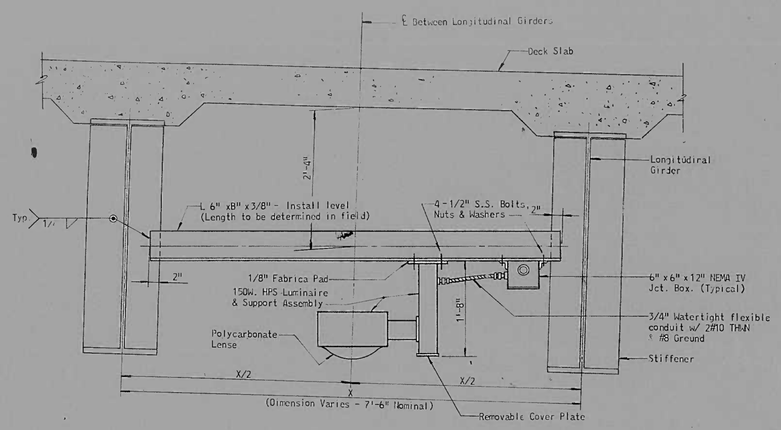
SCALE: 1" = 40' DATE: DEC 1976

DRAWN BY: R.W.B. DES. BY: R.L.S.
TRACED BY: R.W.B., D.A.B. CHK. BY: W.B.D.
F.A.P. NO. I-83-1(80)4
S.H.A. NO. BC 243-53-815
BALTO. CITY NO. 2416

SHEET NO. 12 OF 13

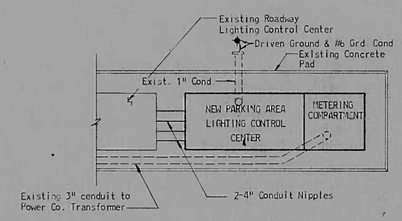
RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(30)4	13	13

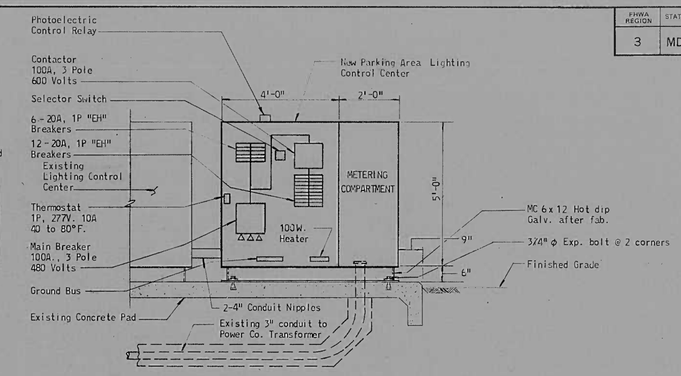


UNDER - STRUCTURE LUMINAIRE MOUNTING DETAILS

Scale: 1" = 1'-0"



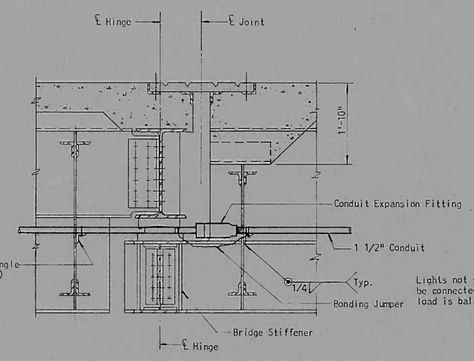
PLAN



ELEVATION

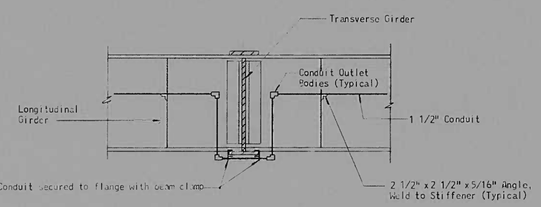
LIGHTING CONTROL CENTER

Scale: 1/2" = 1'-0"



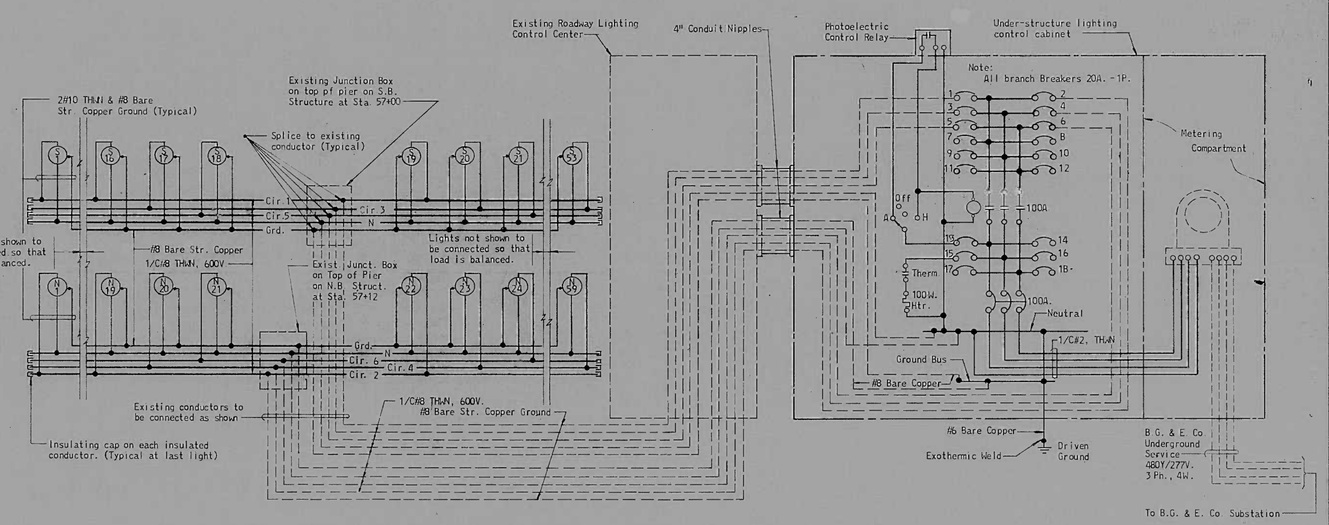
EXPANSION FITTING AT STRUCTURE HINGE

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



CONDUITS AT TRANSVERSE GIRDER

Scale: None



SCHEMATIC CONTROL AND WIRING DIAGRAM

Scale: None

REVISIONS	CONSULTANT
	GOEBNER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

&

STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
LIGHTING DETAILS AND DIAGRAMS

SCALE: AS SHOWN DATE: DEC. 1976

DRAWN BY R.W.B.
TRACED BY D.A.B.
DES. BY R.L.S.
CHK. BY W.B.D.

F.A.P. NO. I-83-1(30)4
S.H.A. NO. BC 243-53-515
BALTO. CITY NO. 7416

SHEET NO. 13 OF 13

RATIO - 24

K&E BALTIMORE / GAR PHOENIX 1039 MEDIUM

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I 83 1(80)4	2	13

SCHEDULE OF PROPOSAL ITEMS

ITEM NO.	PROPOSAL ITEM	UNIT	SHEET NUMBER 3	4	5	6	ESTIMATED QUANTITY	CONTINGENT QUANTITY	FEDERAL AID PARTICIPATION	NON FEDERAL AID PARTICIPATION	PROPOSAL
	PRELIMINARY										
101	ENGINEERS OFFICE NO. 3	L.S.					L.S.		L.S.		L.S.
102	CONSTRUCTION STAKEOUT	L.S.					L.S.		L.S.		L.S.
103	MOBILIZATION	L.S.					L.S.		L.S.		L.S.
104	ON-THE-JOB TRAINING	HR.					1000		1000		1000
	GRADING										
201	CLASS 1 EXCAVATION	C.Y.	231	276	-	2021	2528		2550		2550
202	CONTINGENT SELECT BORROW EXCAVATION	C.Y.						50	50		50
203	TEST PIT EXCAVATION	C.Y.						10	10		10
204	REMOVAL OF EXISTING COMBINATION CURB & GUTTER	L.F.	-	36	-	-	36		36		36
205	REMOVAL OF EXISTING SIDEWALK	S.Y.	-	488	-	-	488		500		500
206	FILL UTILITY TUNNEL	C.Y.		135			135		135		135
207	CLASS '1A' EXCAVATION	C.Y.						200	200		200
	DRAINAGE										
301	ADJUST EXISTING INLET	EA.						5	5		5
302	ADJUST EXISTING MANHOLE	EA.						5	5		5
	STRUCTURES										
401	CONCRETE SCREENING WALL	L.F.	710	1668	945	970	4293		4300		4300
402	CONCRETE RETAINING WALL	L.F.	-	220	-	-	220		220		220
403	CONTINGENT CONCRETE FOR WALLS	C.Y.						10	10		10
404	SHEET ALUMINUM SIGNS	S.F.	25	31	25	16	97		100		100
405	DAMPPROOFING	S.F.	-	-	-	96	96		100		100
406	CONTINGENT CONCRETE FOR DUCT ENCASEMENT	C.Y.		11			11		11		11
	PAVEMENT										
501	6 IN. SUB-BASE, USING CRUSHER RUN	S.Y.	350	519	-	4817	5686		5700		5700
502	VARIABLE DEPTH SUB-BASE USING CRUSHER RUN	TON	-	27	-	-	27		30		30
503	BITUMINOUS MATERIAL FOR PRIME COAT	GAL.	1250	2740	1444	721	6155		6200		6200
504	BITUMINOUS CONCRETE SURFACE	TON	1390	3048	1606	802	6846		6900		6900
505	BITUMINOUS CONCRETE SURFACE USING SLAG	TON	-	-	-	-	6360		6400		6400
506	BITUMINOUS TREATED STONE PAVING	S.Y.	-	-	-	6443	6443		6445		6445
507	BITUMINOUS MATERIAL FOR STONE PAVING BINDER	GAL						3000	3000		3000
	SHOULDERS										
601	STANDARD TYPE A COMBINATION CURB AND GUTTER										
	24 - IN. GUTTER PAN 9 - IN. DEPTH	L.F.	-	36	-	-	36		36		36
602	5 IN. CONCRETE SIDEWALK	S.F.	-	400	1600	5276	7276		7300		7300
603	CONCRETE BLOCK PAVERS	S.F.	8930	22,283	10,349	-	41,622		41,625		41,625
604	CONCRETE RING	L.F.	242	264	616	-	1122		1150		1150
605	8 FT. CHAIN LINK FENCE	L.F.	-	1049	385	421	1855		422	1438	1860
606	4 FT. TUBULAR STEEL FENCE	L.F.	-	920	250	-	1170			1200	1200
607	8 FT. TUBULAR STEEL FENCE	L.F.	-	226	94	-	320			320	320
608	DOUBLE TUBULAR STEEL GATE - 24 FOOT	EA.	-	1	-	-	1			1	1
609	BENCH WITH BACK REST	EA.	-	8	-	-	8		8		8
	LANDSCAPING										
701	SEEDING & MULCHING	S.Y.	-	741	-	-	741		750		750
702	SOIL STABILIZATION MATTING	S.Y.				53	53		55		55
703	PYRUS CALLERYANA BRADFORD 2 1/2 - 3 IN. CAL. B & B	EA.	-	16	-	-	16		16		16
704	TILIA CORDATA GREENSPIRE 2 1/2 - 3 IN. CAL. B & B	EA.	23	29	28	19	99		100		100
705	AZALEA OBTUSUM HINO-CRIMSON 18 - 24 IN. HEIGHT B &B	EA.	-	72	-	-	72		75		75
706	MALUS SARGENTI 5 - 6 FT. HEIGHT - B & B HEAVY - SPR. = HEIGHT	EA.	-	4	-	-	4		4		4
707	CORNUS FLORIDA 8 - 10 FT. HEIGHT B &B	EA.	-	3	-	-	3		3		3
708	EUONYMUS FORTUNEI COLORATUS 9 - 12 IN. SPR. - 2 1/2 IN. POT	EA.	1956	1725	-	4155	7836		7850		7850
709	PARTHENOCISSUS TRICUSPIDATA 2 YEAR 3 IN. POTS	EA.	92	300	208	122	722		725		725
710	PINUS MUGHUS 18 - 24 IN. HEIGHT B &B	EA.	-	27	-	-	27		27		27
711	PINUS THUNBERGI 7 - 8 FT. HEIGHT B &B	EA.	-	9	-	-	9		9		9
712	PYRACANTHA COCCINEA LOBOY 18 - 24 IN. HEIGHT CANS	EA.	92	400	50	82	624		625		625
713	ILEX CRENATA HETZI 18 - 24 IN. SPR. - 8 IN. CAN	EA.	-	25	-	-	25		25		25
714	MULCHING MATERIAL 3 IN. THICK	S.Y.	1037	1705	150	2012	4904		4910		4910
	UTILITIES SHEET NUMBERS		9	10	11	12					
B01	25 FT. ALUMINUM ANCHOR BASE STANDARD WITH 6 FT. BRACKET	EA.	-	2	-	-	2		2		2
B02	150 WATT CLEAR HIGH PRESSURE SODIUM UNDER-STRUCTURE LUMINAIRE	EA.	24	37	27	24	112		112		112
B03	250 WATT CLEAR HIGH PRESSURE SODIUM AREA LUMINAIRE	EA.	-	2	-	-	2		2		2
B04	DRIVEN GROUND ROD - 3/4 IN. ROUND, 10 FEET LONG	EA.	-	3	-	-	3		3		3
B05	TYPE Y DUCT SECTION 1 - 3 IN. I.D. P.V.C.	L.F.	-	80	-	-	80		80		80
B06	1 1/2 IN. RIGID GALVANIZED STEEL CONDUIT	L.F.	1300	2270	1740	1650	6960		7000		7000
B07	3/4 IN. WATERTIGHT FLEXIBLE METALLIC CONDUIT	L.F.	72	111	81	72	336		340		340
B08	SINGLE CONDUCTOR NO. 8 AWG STRANDED COPPER, THIN, 600V.	L.F.	5900	10,000	7500	7000	30,000		30,000		30,000
B09	NO. 8 AWG BARE STRANDED COPPER GROUND WIRE	L.F.	1350	2500	1900	1800	7550		7600		7600
B10	NO. 6 AWG BARE STRANDED COPPER GROUND WIRE	L.F.	-	40	-	-	40		40		40
B11	SERVICE CONTROL AND DISTRIBUTION EQUIPMENT	L.S.	-	L.S.	-	-	L.S.		L.S.		L.S.
B12	TYPE B SANITARY DROP CONNECTION	EA.		1			1			1	1
B13	6 IN. VITRIFIED CLAY PIPE EXTRA STRENGTH	L.F.		35			35			35	35
B14	WATER SUPPLY SERVICE 3/4 IN. SIZE, 5/8 IN. METER	EA.		1			1			1	1

GENERAL NOTES

1. The Contractor shall be governed by the standards and requirements of the following publications, except as modified by the Special Provisions of this Contract.

   Maryland State Roads Commission "Specifications for Materials, Highways, Bridges & Incidental Structures", 1968.

   A.A.S.H.O. "Manual on Uniform Traffic Control Devices", 1971 (M.U.T.C.D.) and subsequent revisions.

2. All exposed edges of concrete shall have 3/4" x 3/4" chamfer unless otherwise shown.

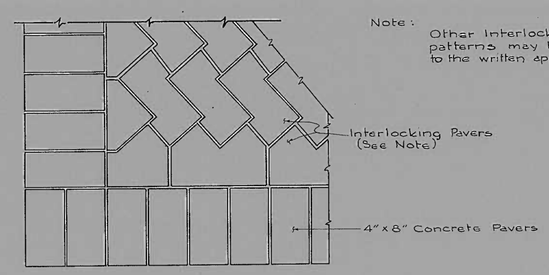
3. Parking areas show a suggested layout of parking spaces assuming a minimum stall size of 9' x 18' to a bumper with an additional 3' to a proposed meter. The City will provide all material, equipment and labor necessary to stripe, install bumpers and install parking meters.

4. The relocation and/or removal of public utilities are not anticipated except as indicated on the Plans. If underground utilities are encountered during construction, the Contractor shall make minor modifications to construction, as a part of this Contract to clear the existing facilities. All modifications to construction are subject to the approval of the Engineer.

5. The Contractor shall notify owners of public utilities at least five (5) days in advance of the beginning of construction in their vicinity: Miss Utility 559-0100.

6. Where existing pier footings are encountered during construction, the Contractor shall modify the proposed wall foundations as a part of this contract to clear the existing footing. All modifications to construction are subject to the approval of the Engineer.

7. 200 cubic yards of Class '1A' Excavation have been allowed as a contingent item for the excavation of unsuitable material found in the parking lot area. Material for the replacement of Class '1A' Excavation shall comply with the material requirements for Borrow Excavation.



Note: Other Interlocking shapes and patterns may be accepted subject to the written approval of I.D.B.C..

SUGGESTED PATTERN

SUGGESTED CONCRETE PAVERS

No Scale

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	GREINER ENGINEERING SCIENCES INC. CONSULTING ENGINEERS MAGRY PEESE AND ASSOCIATES ARCHITECTS	PARKING UNDER I-83 VIADUCT EAGER STREET TO GAY STREET QUANTITIES AND GENERAL NOTES SCALE: DATE DEC. 1976 DRAWN BY S.P.S. DES BY S.P.S. TRACED BY L.N.L. CHK BY F.A.P. NO. I 83 1(80)4 S.H.A. NO. BC 243 53-815 BALTO. CITY NO. 2416 SHEET NO. 2 OF 13

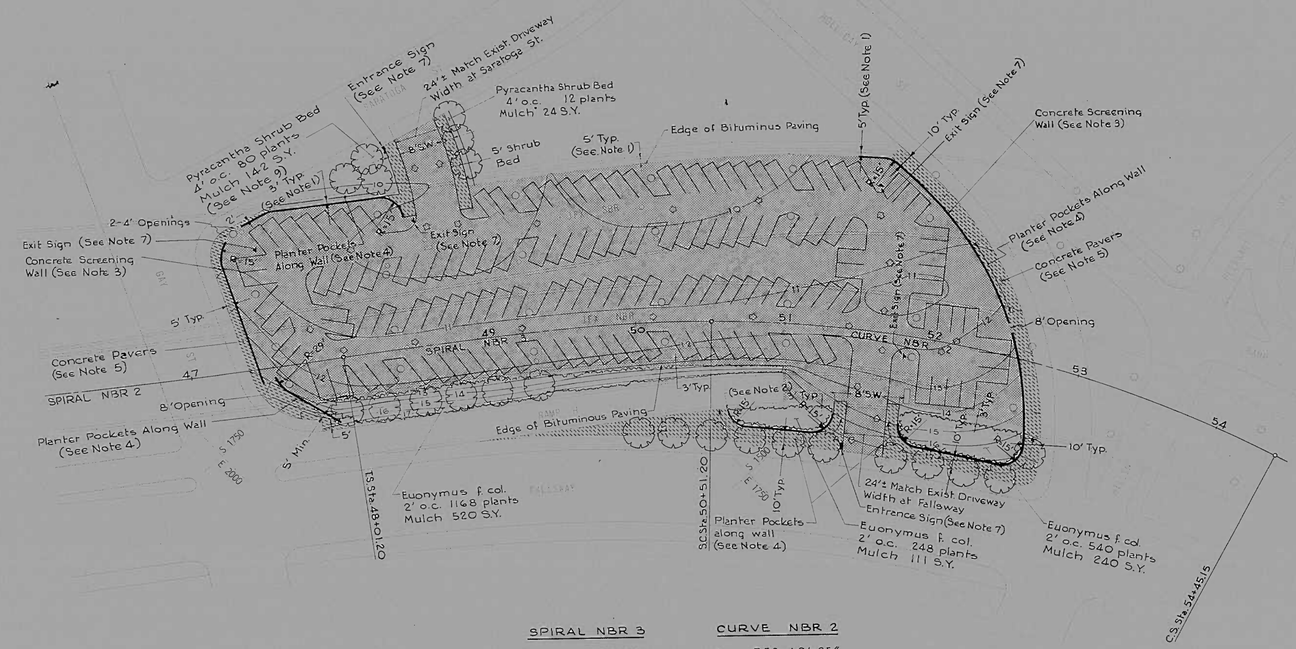
RATIO - 24

K&E BALTIMORE 11 6183 PHOENIX 12 73 MICTON

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	3	13

SPIRAL NBR 2

Ls	300.00'
θs	6°-11'-42"
P	2.70'
K	149.94'
Xc	299.65'
Yc	10.80'
LT	200.12'
ST	100.11'



SPIRAL NBR 3

Ls	250.00'
θs	8°-45'-00"
P	3.18'
K	124.90'
Xc	249.42'
Yc	12.71'
LT	166.87'
ST	83.52'

CURVE NBR 2

Δ	35°-19'-35"
Δc	27°-34'-35"
D	7°-00'-00"
R	818.51'
L	393.95'
T	200.87'
Ec	24.29'
TS1	389.11'
TS2	273.90'

LEGEND

- Storm Drain Manhole
- Sanitary Sewer Manhole
- Storm Drain Inlet
- Fire Hydrant
- Electric Manhole
- Existing J.F.X. Piers
- Limit of Crusher Run
- Area of Bituminous Paving
- Concrete Pavers
- Concrete Screening Wall

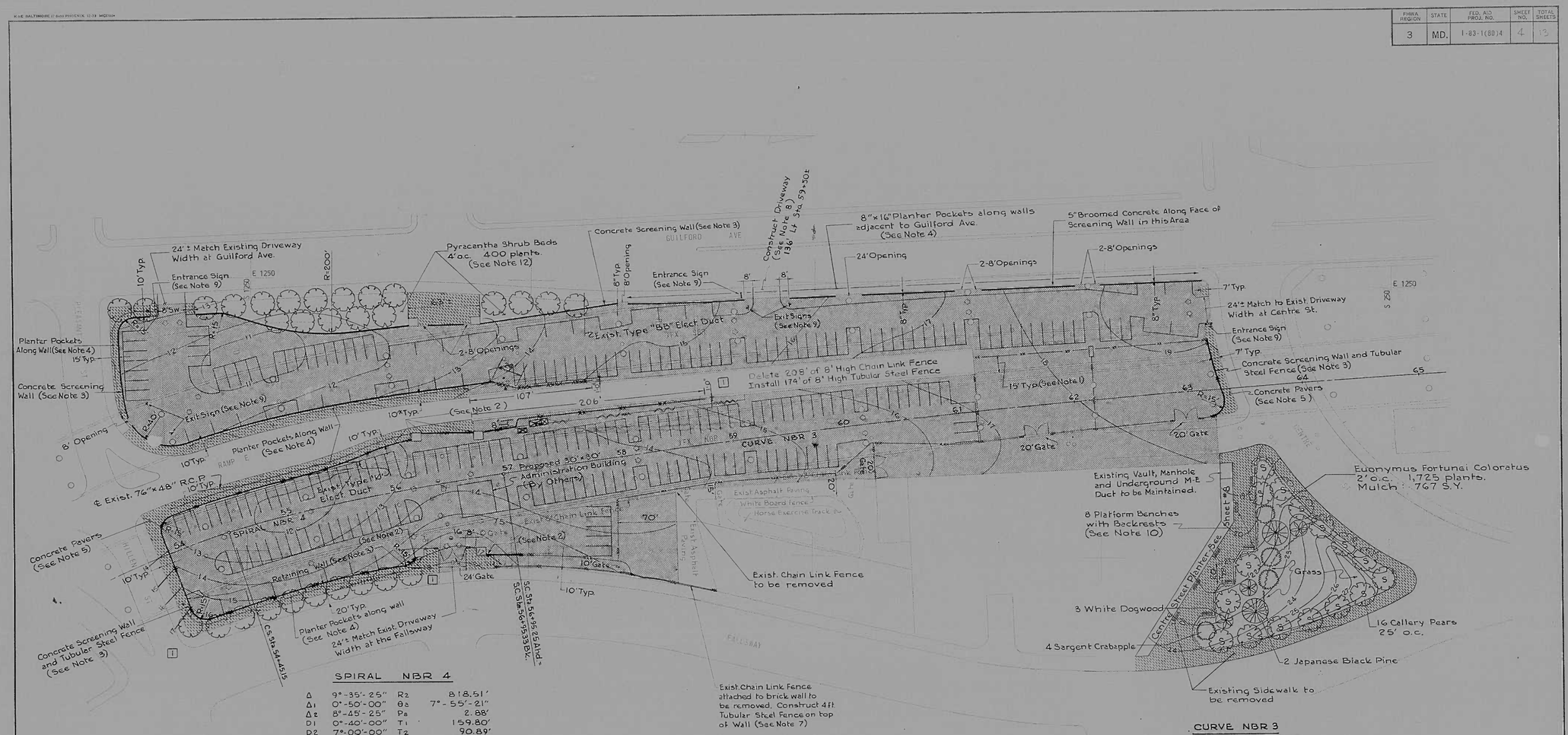
NOTES:

1. Distance measured from the outside face of existing parapet to the outside face of wall.
2. Provide expansion joint material between the screening wall and existing concrete wall adjacent to Ramp H.
3. For details of concrete screening wall, see sheet 8
4. Boston Ivy to be planted in planter pockets along face of screening wall where shown See planter pocket detail, sheet 8.
5. For detail of Concrete Pavers, see sheet 2
6. For Landscaping Legend, see sheet 8
7. For details of signs, see sheet 7
8. All dimensions on screening walls are measured from the outside face of concrete
9. Pyracantha Shrubs should not be planted closer than 6 feet to trees.

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	GOEINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS	PARKING UNDER I-83 VIADUCT EAGER STREET TO GAY STREET PARKING AREA A	DRAWN BY L.M.L. DES. BY S.P.S. TRACED BY L.M.L. CHK. BY
		SCALE: 1" = 40' DATE: DEC. 1976	F.A.P. NO. I-83-1(80)4 S.H.A. NO. BC 243-53-815 BALTO. CITY NO. 2416 SHEET NO. 3 OF 13

RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	4	13



SPIRAL NBR 4

Δ	9°-35'-25"	R2	818.51'
Δ1	0°-50'-00"	θs	7°-55'-21"
Δ2	8°-45'-25"	Ps	2.88'
D1	0°-40'-00"	T1	159.80'
D2	7°-00'-00"	T2	90.89'
R1	8,594.37'	Ls	250.18'

CURVE NBR 3

Δ	6°-36'-42"
Δc	6°-36'-42"
D	0°-40'-00"
R	8,594.37'
L	991.75'
T	496.43'
Ec	14.33'
TS1	496.43'
TS2	496.43'

LEGEND

- Storm Drain Manhole
- Sanitary Sewer Manhole
- Storm Drain Inlet
- Fire Hydrant
- Electric Manhole
- Existing J.F.K. Piers
- Existing Viaduct Piers
- Limit of Crusher Run
- Water Line Manhole
- Area of Bituminous Paving
- Concrete Pavers
- Concrete Screening Wall
- 4 Ft. Tubular Steel Fence on Screening Wall
- 8 Ft. Tubular Steel Fence
- 8 Ft. Chain Link Fence
- [1] 4 Ft. Tubular Steel Fence

NOTES:

1. Distance measured from the outside face of existing parapet to the outside face of wall
2. Provide expansion joint material between the screening wall and existing concrete piers.
3. For details of concrete screening wall and retaining walls, see sheet 8. For details of Tubular Steel Fence, see sheet 7.
4. Boston Ivy to be planted in planter pockets along face of screening wall where shown. See planter pocket detail, sheet 8.
5. For detail of concrete pavers, see sheet 2
6. For Landscaping Legend, see sheet 8.
7. For details of attachment of Tubular Steel Fence to existing brick wall, see sheet 7.
8. Remove existing curb and gutter and sidewalk. Driveway construction to comply with Baltimore City Standard BC-500.01.
9. For details of signs, see sheet 7
10. For details of Platform Benches, see sheet 7.
11. All dimensions on screening walls are measured from the outside face of concrete
12. Pyracantha Shrubs should not be planted closer than 6 feet to trees.

REVISIONS	CONSULTANT
[1] Revised Fencing & Contours 11-15-77	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
&
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
PARKING AREA B

SCALE: 1" = 40' DATE: DEC 1976

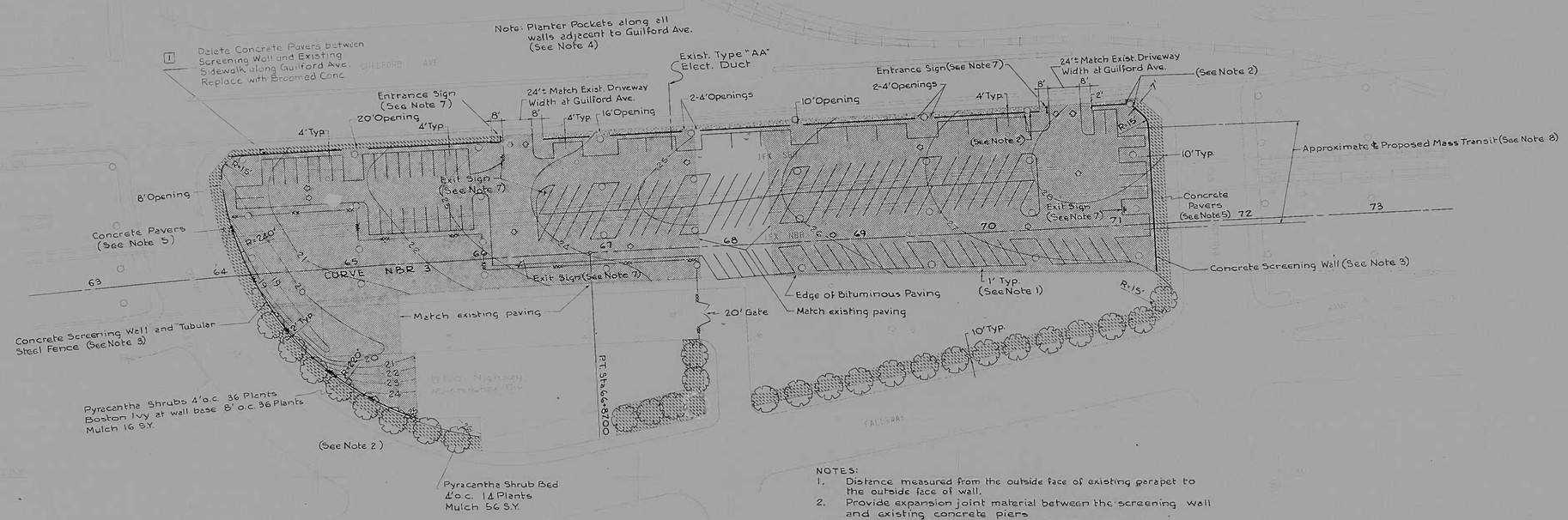
DRAWN BY L.M.L. DES. BY S.P.S.
TRACED BY L.M.L. CHK. BY
F.A.P. NO. I-83-1(80)4
S.H.A. NO. BC 243-53-815
BALTO. CITY NO. 2416

SHEET NO. 4 OF 13

RATIO - 24

K&E BALTIMORE 17 0453 PHOENIX 10-73 MC1260

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	5	13



NOTES:

1. Distance measured from the outside face of existing parapet to the outside face of wall.
2. Provide expansion joint material between the screening wall and existing concrete piers.
3. For details of concrete screening wall, see sheet 8. For details of Tubular Steel Fence, see sheet 7.
4. Boston Ivy to be planted in planter pockets along face of screening wall where shown. See planter pocket detail, sheet 8.
5. For detail of concrete pavers, see sheet 2
6. For Landscaping Legend, see sheet 8.
7. For details of signs, see sheet 7.
8. The screening walls adjacent to Madison Street are to be laid out such that the ℄ of Proposed Mass Transit will intersect the walls at approximately the expansion joint between wall sections.
9. All dimensions on screening walls are measured from the outside face of concrete

LEGEND

- Storm Drain Manhole
- Sanitary Sewer Manhole
- Storm Drain Inlet
- Fire Hydrant
- Electric Manhole
- Existing J.F.X. Piers
- Water Line Manhole
- Area of Bituminous Paving
- Concrete Pavers
- Broomed Concrete
- Concrete Screening Wall
- 4FT. Tubular Steel Fence on Concrete Screening Wall
- 8FT. Tubular Steel Fence
- 8FT. Chain Link Fence

CURVE NBR 3

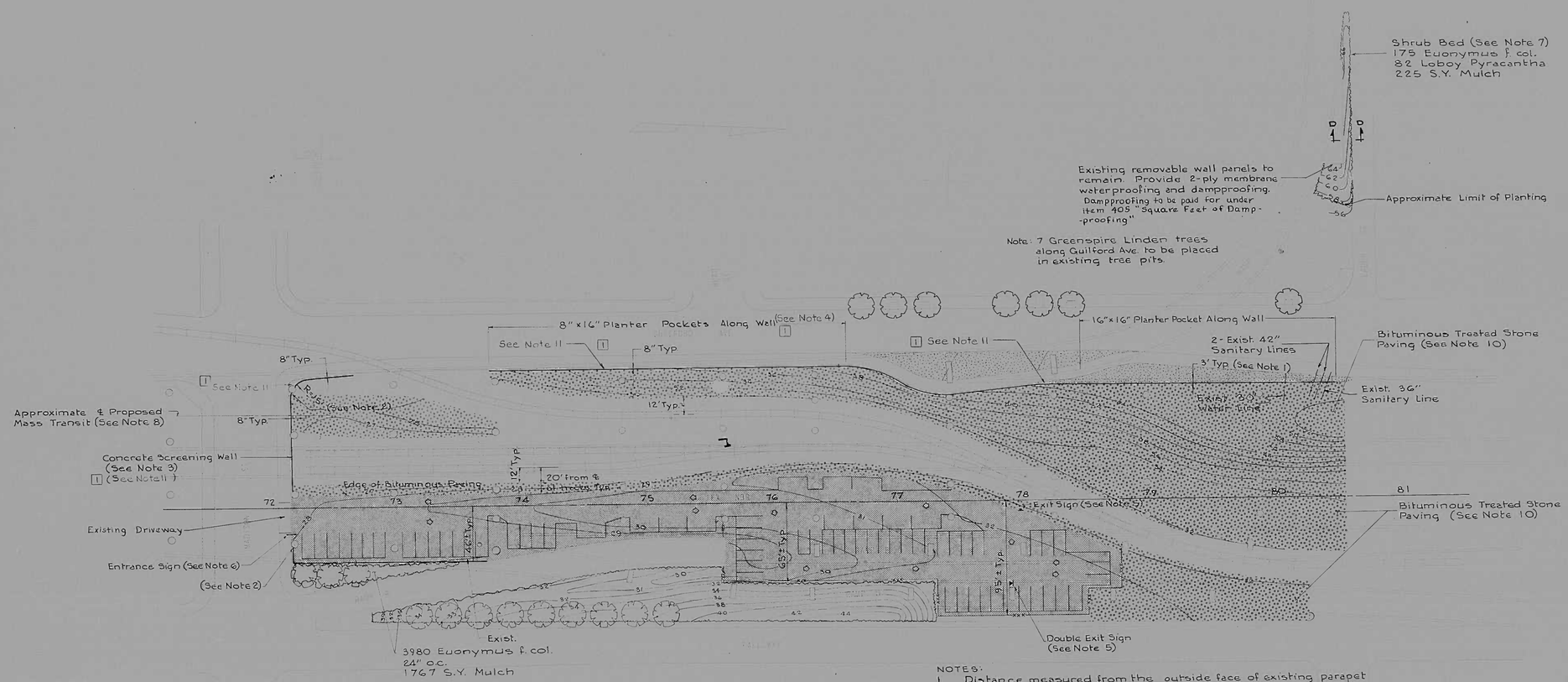
Δ	6°-36'-42"
Δc	6°-36'-42"
D	0°-40'-00"
R	8,594.37'
L	991.75'
T	496.43'
Ec	14.33'
TS1	496.43'
TS2	496.43'

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
1 Deleted Conc. Pavers 11-15-77	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY REESE AND ASSOCIATES ARCHITECTS	PARKING UNDER I-83 VIADUCT EAGER STREET TO GAY STREET PARKING AREA C

DRAWN BY L.M.L.		DES. BY S.P.S.	
TRACED BY L.M.L.		CHK. BY	
F.A.P. NO I-83-1(80)4			SHEET NO.
S.H.A. NO BC 243-53-815			5 of 13
BALTO. CITY NO. 2416			
SCALE: 1" = 40'	DATE: DEC. 1976		

RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	6	13



NOTES:

1. Distance measured from the outside face of existing parapet to the outside face of wall.
2. Provide expansion joint material between the and existing concrete piers.
3. For details of concrete screening wall, see sheet 8.
4. Boston Ivy to be planted in planter pockets along face of screening wall where shown. See planter pocket detail, sheet 8.
5. For Landscaping Legend, see sheet 8.
6. For details of signs, see sheet 7.
7. For Cross Section through Shrub Bed adjacent to Eager St., see sheet 8.
8. The screening walls adjacent to Madison Street are to be laid out such that the ℄ of Proposed Mass Transit will intersect the walls at approximately the expansion joint between wall sections.
9. All dimensions on screening walls are measured from the outside face of concrete.
10. For detail of Bituminous Treated Stone Paving, see sheet 8.
11. Between Screening Wall and Existing Sidewalk provide Broomed Concrete Surface 5 in. Depth.

LEGEND

- Storm Drain Manhole
- Storm Drain Inlet
- Existing J.F.X. Piers
- Existing Ramp Piers
- Concrete Screening Wall
- Area of Bituminous Paving
- Broomed Concrete
- 8 FT. Chain Link Fence
- Bituminous Treated Stone Paving

REVISIONS	CONSULTANT
1 Revised: Added Note 11 11-18-77	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
&
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
PARKING AREA D

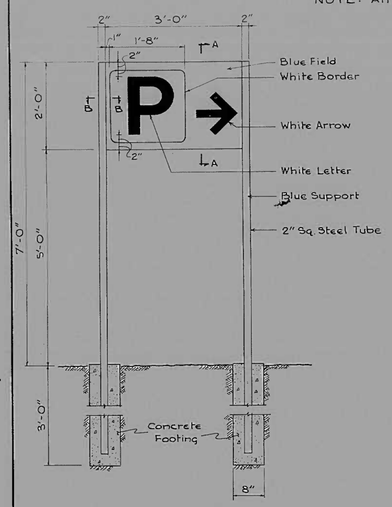
SCALE: 1" = 40' DATE: DEC. 1976

DRAWN BY L.M.L. DES. BY S.P.S.
TRACED BY L.M.L. CHK. BY
F.A.P. NO. I-83-1(80)4
S.H.A. NO. BC 243-53-815
BALTO. CITY NO. 2416
SHEET NO. 6 OF 13

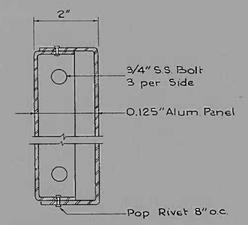
RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-83-1(009)4	7	13

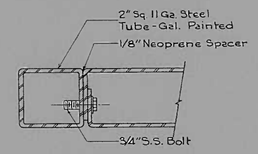
NOTE: All graphics to be reflective.



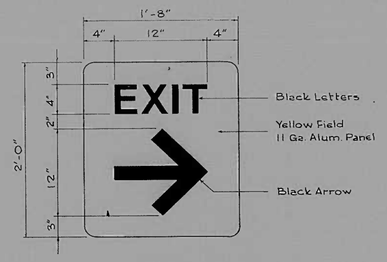
ENTRANCE SIGN
No Scale



SECTION A-A
No Scale

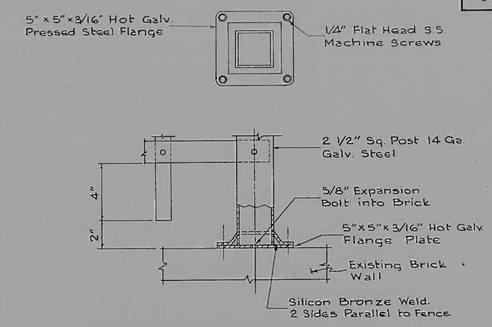


SECTION B-B
No Scale

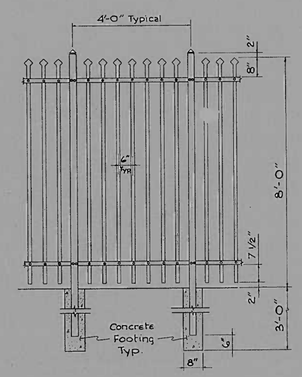


EXIT SIGN
No Scale

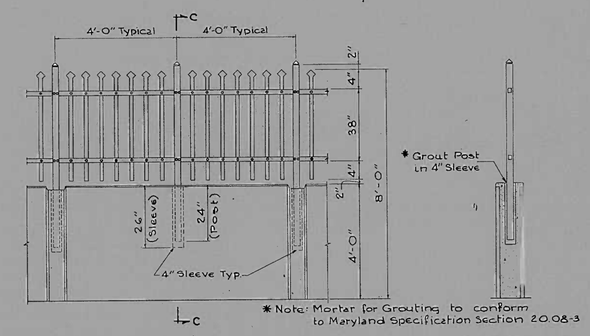
Note: Mount on single steel post to same height as Entrence Sign.



FENCE POST ATTACHMENT TO EXISTING BRICK WALL
Scale: 1/4" = 1"



8 FT. TUBULAR STEEL FENCE

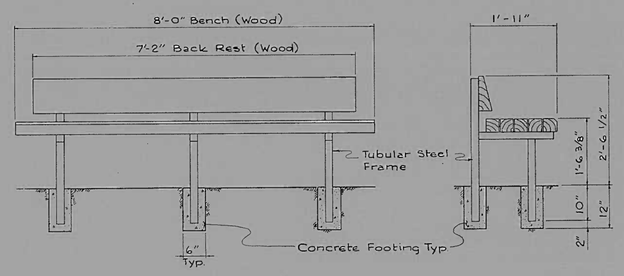


PLAN

SECTION C-C

4' FT. TUBULAR STEEL FENCE ON CONCRETE SCREENING WALL

FENCE DETAILS
No Scale



FRONT ELEVATION

LEFT END ELEVATION

PLATFORM BENCH
Scale: 3/4" = 1'-0"
Note: For Material Specifications See Special Provisions

REVISIONS	CONSULTANT
	GAUTHIER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

&

STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
TYPICAL DETAILS - I

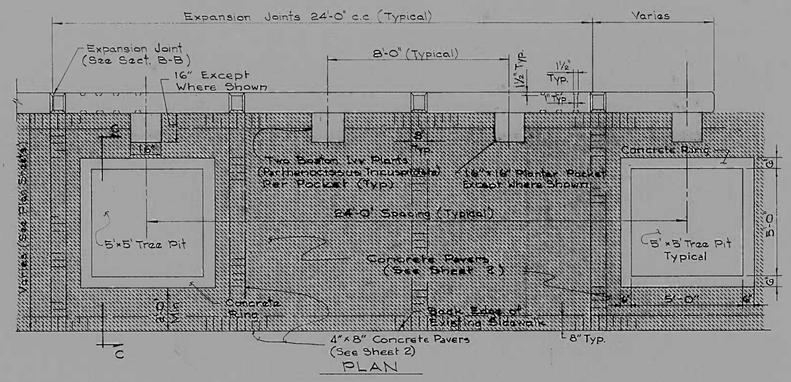
SCALE: AS SHOWN DATE: DEC. 1976

DRAWN BY: L.M.L. DES. BY: S.P.S.
TRACED BY: L.M.L. CHK. BY:
F.A.P. NO. I-83-1(009)4
S.H.A. NO. BC 243-53-815
BALTO. CITY NO. 2416

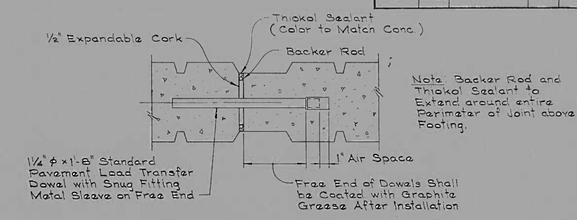
SHEET NO. 7 OF 13

RATIO - 24

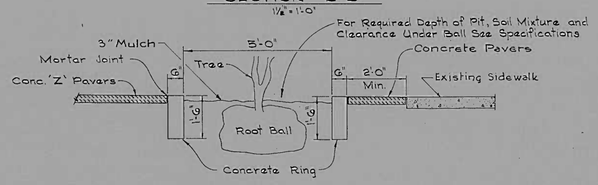
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	8	13



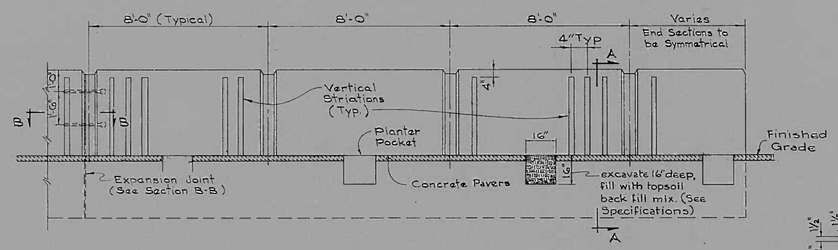
PLAN



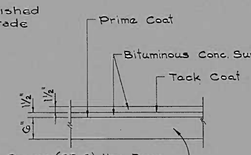
SECTION B-B
1½" = 1'-0"



SECTION C-C
1½" = 1'-0"

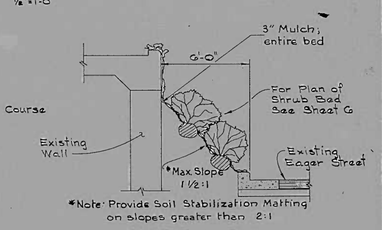


ELEVATION
SCREENING WALL AND RETAINING WALL DETAILS
3/8" = 1'-0"



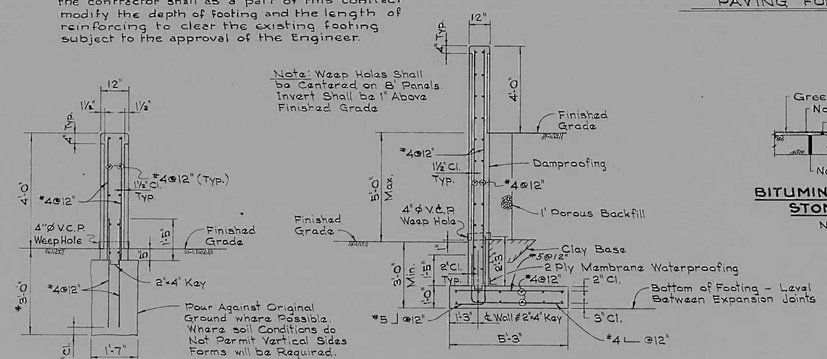
6" Sub-Base Course (CR-6) Has Been Provided Through Most of the Parking Area by Others. However, Additional Sub-Base Material Must be Supplied Under This Contract in Certain Areas.

PAVING FOR PARKING AREAS
3/4" = 1'-0"



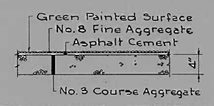
SECTION D-D
SHRUB BED
1/4" = 1'-0"

* Note: When encountering an existing pier footing the contractor shall as a part of this contract modify the depth of footing and the length of reinforcing to clear the existing footing subject to the approval of the Engineer.



SECTION A-A
SCREENING WALL
1/8" = 1'-0"

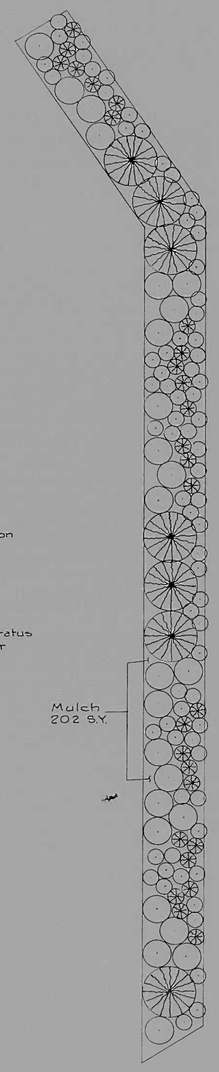
SECTION A-A
RETAINING WALL
3/8" = 1'-0"



BITUMINOUS TREATED STONE PAVING
No Scale

Legend

704	Tilia cordata Greenspire	Greenspire Linden
703	Pyrus calleryana Bradford	Bradford Callery Pear
711	Pinus thunbergi	Japanese Black Pine
710	Pinus mughus	Mugho Pine
706	Malus sargenti	Sargent Crabapple
707	Cornus florida	White Dogwood
705	Azalea obtusum Hino - Crimson	Hino - Crimson Azalea
713	Ilex crenata hetzi	Hetz Japanese Holly
708	Euonymus fortunei coloratus	Purple leaf winter creeper



CENTRE STREET PLANTER (See Sheet 4)
1" = 1'-0"

REVISIONS	CONSULTANT
	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
&
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET
TYPICAL DETAILS - II

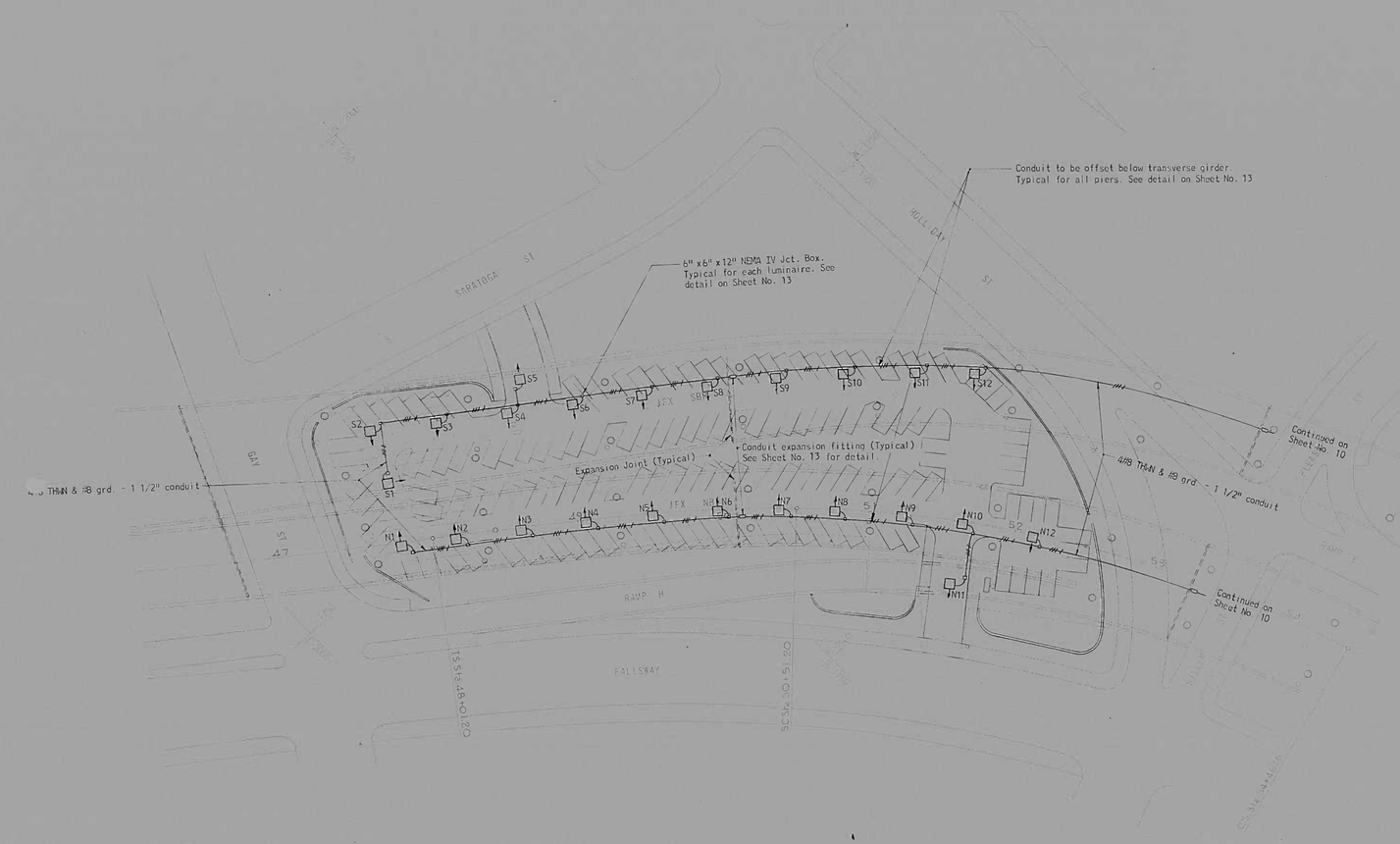
SCALE: AS SHOWN DATE: DEC. 1976

DRAWN BY: S.P.S. DES. BY: S.P.S.
TRACED BY: M.B.W. CHK. BY:
F.A.P. NO. I-83-1(80)4
S.H.A. NO. BC 243-53-815
BALTO. CITY NO. 2416

SHEET NO. 8 OF 13

RATIO - 24

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	I-83-1(80)4	9	13



LEGEND:

- Under - Structure Luminaire. Arrow Indicates Street Side.
- Area Light Standard.
- Conduit Expansion Fitting.
- 6" x 6" x 12" NEMA IV Junction Box.
- Exposed Rigid Conduit, number of cross marks indicates number of insulated conductors.
- Electrical underground duct.
- Driven Ground

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	GREINER ENGINEERING SCIENCES, INC. CONSULTING ENGINEERS HARRY WEESE AND ASSOCIATES ARCHITECTS	PARKING UNDER I-83 VIADUCT EAGER STREET TO GAY STREET LIGHTING - PARKING AREA A SCALE 1" = 40' DATE DEC. 1978	DRAWN BY R.W.B. DES BY R.L.S. TRACED BY R.W.B. CHK BY W.B.D. F.A.P. NO I-83-1(80)4 S.H.A. NO BC 243-53-815 BALTO. CITY NO. 2416 SHEET NO. 9 OF 13

RATIO - 24

K&E BALTIMORE (8 1/2 X 11)

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	I-83-1(80)4	1	13

INDEX OF DRAWINGS

1 TITLE SHEET
2 QUANTITIES AND GENERAL NOTES
3 PARKING AREA A
4 PARKING AREA B
5 PARKING AREA C
6 PARKING AREA D
7 TYPICAL DETAILS - I
8 TYPICAL DETAILS - II
9 LIGHTING - PARKING AREA A
10 LIGHTING - PARKING AREA B AND MINI PARK
11 LIGHTING - PARKING AREA C
12 LIGHTING - PARKING AREA D
13 LIGHTING DETAILS AND DIAGRAMS

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

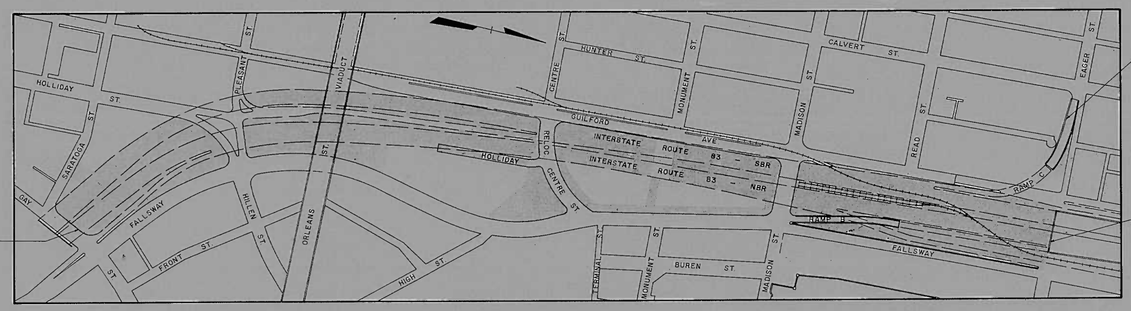
JOINT DEVELOPMENT PROJECT

FEDERAL AID PROJECT NO. I-83-1(80)4
STATE HIGHWAY ADMINISTRATION PROJECT NO. BC 243-53-815
CITY OF BALTIMORE BUREAU OF ENGINEERING
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2416

INTERSTATE ROUTE 83

PARKING UNDER I-83 VIADUCT
EAGER STREET TO GAY STREET

TRAFFIC DESIGN DATA	
SOUTHBOUND ROADWAY	NORTHBOUND ROADWAY
Present A.D.T. = 10,000	Present A.D.T. = 10,000
Design A.D.T. 1985 = 47,900	Design A.D.T. 1985 = 40,000
D.H.T. 1986 = 3,830	D.H.T. 1986 = 3,200
Trucks = 5%	Trucks = 5%
Design Speed = 50MPH	Design Speed = 50MPH



LIMIT OF WORK
FAP NO. I-83-1(80)4
BC 243-53-815
47+38± NBR

LIMIT OF WORK
FAP NO. I-83-1(80)4
BC 243-53-815
82+05± RAMP C

LIMIT OF WORK
FAP NO. I-83-1(80)4
BC 243-53-815
80+55± NBR

LOCATION PLAN
Scale: 1" = 200'

INTERSTATE DIVISION FOR BALTIMORE CITY
ACCEPTED
Gerald L. Kunin E.P. 2-4-77
SEDIMENTATION AND EROSION CONTROL OFFICER

CHECKED BY	INITIALS	DATE
BUREAU OF ENGINEERING		
WATER DIVISION	RSK/BAP	2-4-77
WASTE WATER DIVISION	W.A.H./BAP	2-4-77
SEDIMENTATION & EROSION CONTROL	[illegible]	2-4-77
HIGHWAY ENGINEERING DIVISION	GZO	2-4-77
SURVEY AND RECORDS DIVISION	[illegible]	2-4-77
BUREAU OF OPERATIONS		
LIGHTING SECTION HIGHWAY MAINTENANCE DIV.	I.W./BAP	2-4-77
CONDUIT SECTION HIGHWAY MAINTENANCE DIV.	I.W./BAP	2-4-77
DEPARTMENT OF TRANSIT AND TRAFFIC	[illegible]	2-4-77

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED
[illegible]
HEAD, BUREAU OF ENGINEERING

APPROVED
Francis W. Luchta
DIRECTOR OF PUBLIC WORKS

PREPARED BY
GREINER ENGINEERING SCIENCES, INC.
CONSULTING ENGINEERS
[illegible] 2-4-77
DATE

STATE HIGHWAY ADMINISTRATION OF MARYLAND

REVIEWED AND APPROVAL RECOMMENDED
[illegible] 2-4-77
CHIEF, BUREAU OF DESIGN

APPROVAL RECOMMENDED
[illegible] 2-4-77
CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ENGINEER DATE