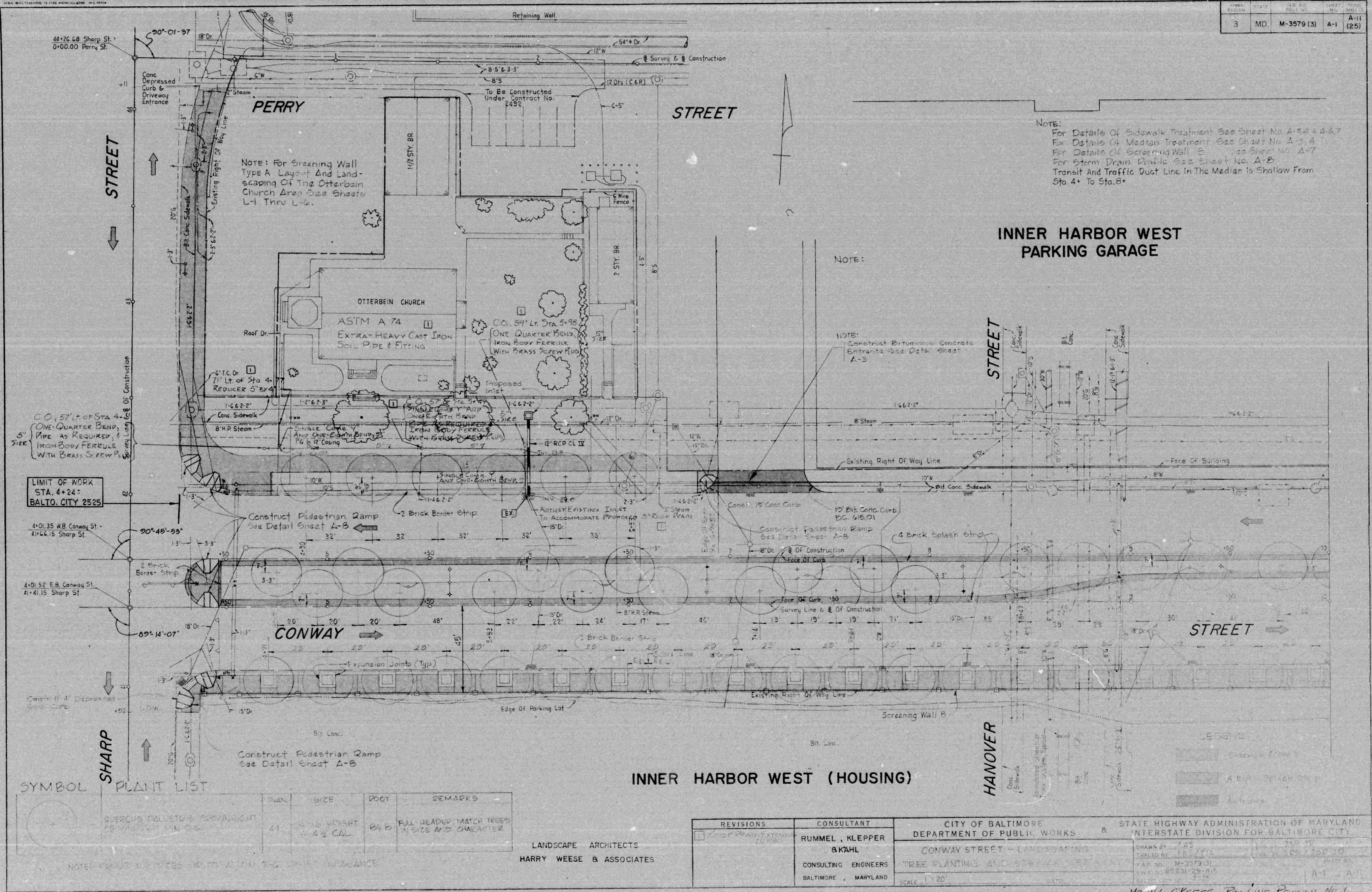


PROJECT NO.	DATE	REV. NO.	SHEET NO.	TOTAL SHEETS
3	MD	M-3579 (3)	A-1	A-11 (25)



NOTE:
 For Details Of Sidewalk Treatment See Sheet No. A-2 & A-3
 For Details Of Median Treatment See Sheet No. A-4
 For Details Of Screening Wall See Sheet No. A-5
 For Storm Drain Profile See Sheet No. A-6
 Transit And Traffic Duct Line In The Median Is Shallow From Sta. 4+ To Sta. 8+

INNER HARBOR WEST PARKING GARAGE

INNER HARBOR WEST (HOUSING)

SYMBOL PLANT LIST

SYMBOL	PLANT LIST	QUAN.	SIZE	ROOT	REMARKS
(Symbol)	QUERCUS FALLENB. PROXIMATE	44	4-6" HEIGHT	B&B	FULL-HEADED, MATCH TREES IN SIZE AND CHARACTER

NOTE: PLANT LIST IS SUBJECT TO CHANGE BASED ON SITE CONDITIONS

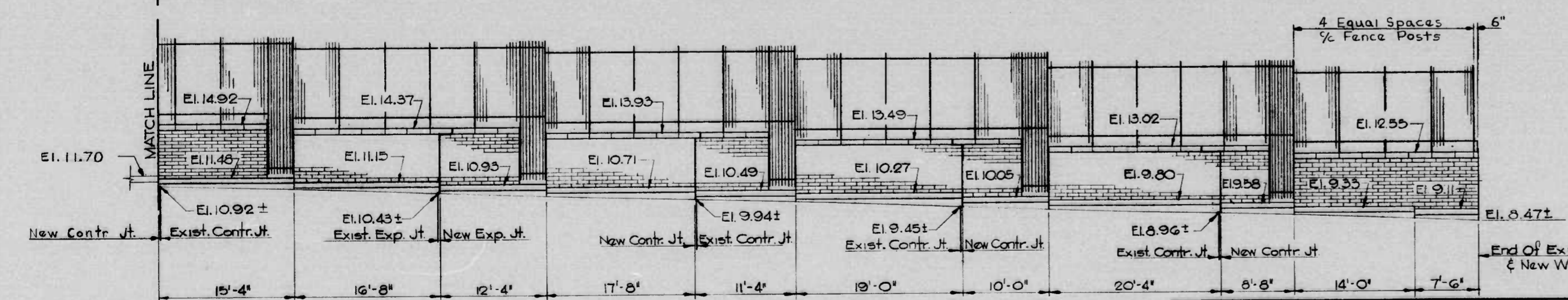
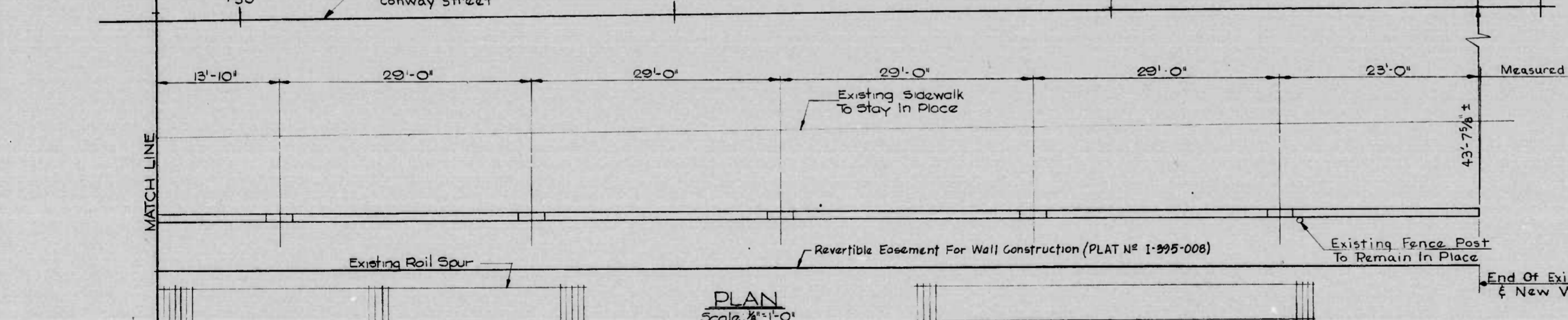
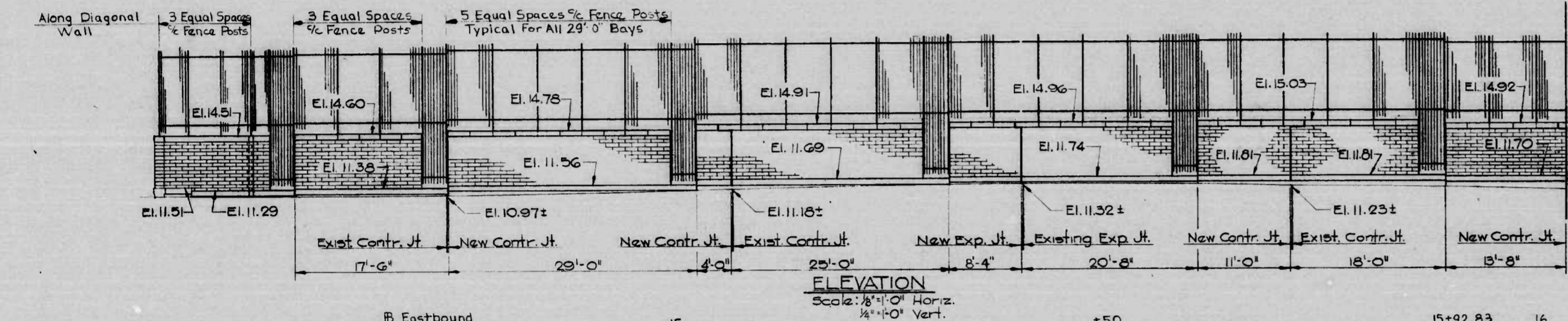
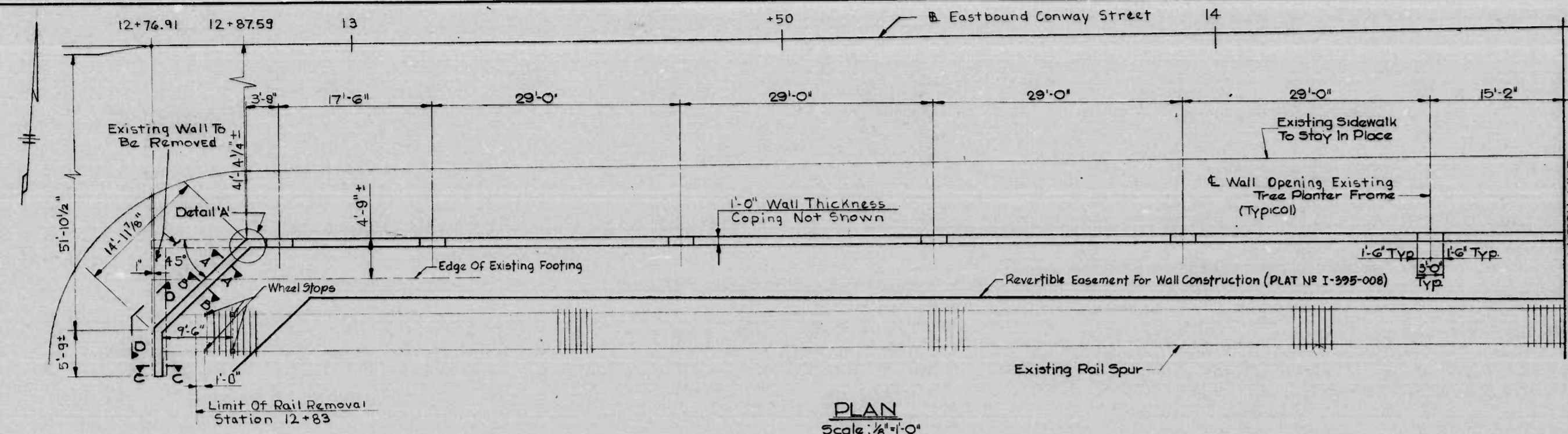
LANDSCAPE ARCHITECTS
 HARRY WEESE & ASSOCIATES

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
1. RUMMEL, KLEPPER & KAHL	RUMMEL, KLEPPER & KAHL	CONWAY STREET - LANDSCAPING	CONWAY STREET - LANDSCAPING
2. CONSULTING ENGINEERS	CONSULTING ENGINEERS	TREE PLANTING AND STREET	TREE PLANTING AND STREET
BALTIMORE, MARYLAND	BALTIMORE, MARYLAND	SCALE: 1" = 20'	DATE: _____

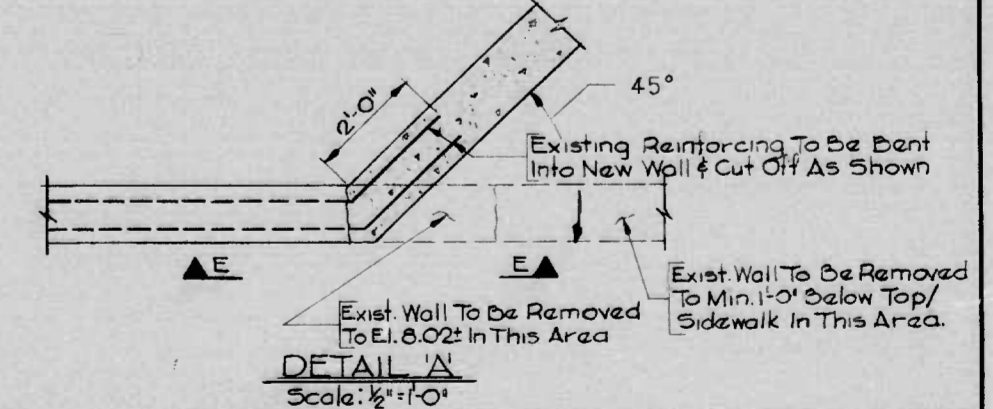
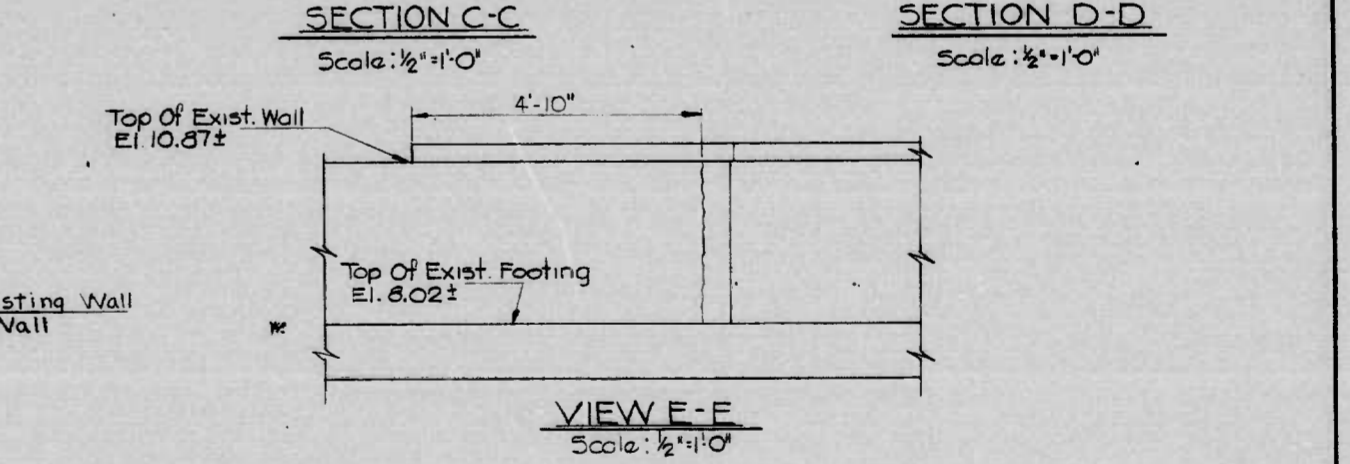
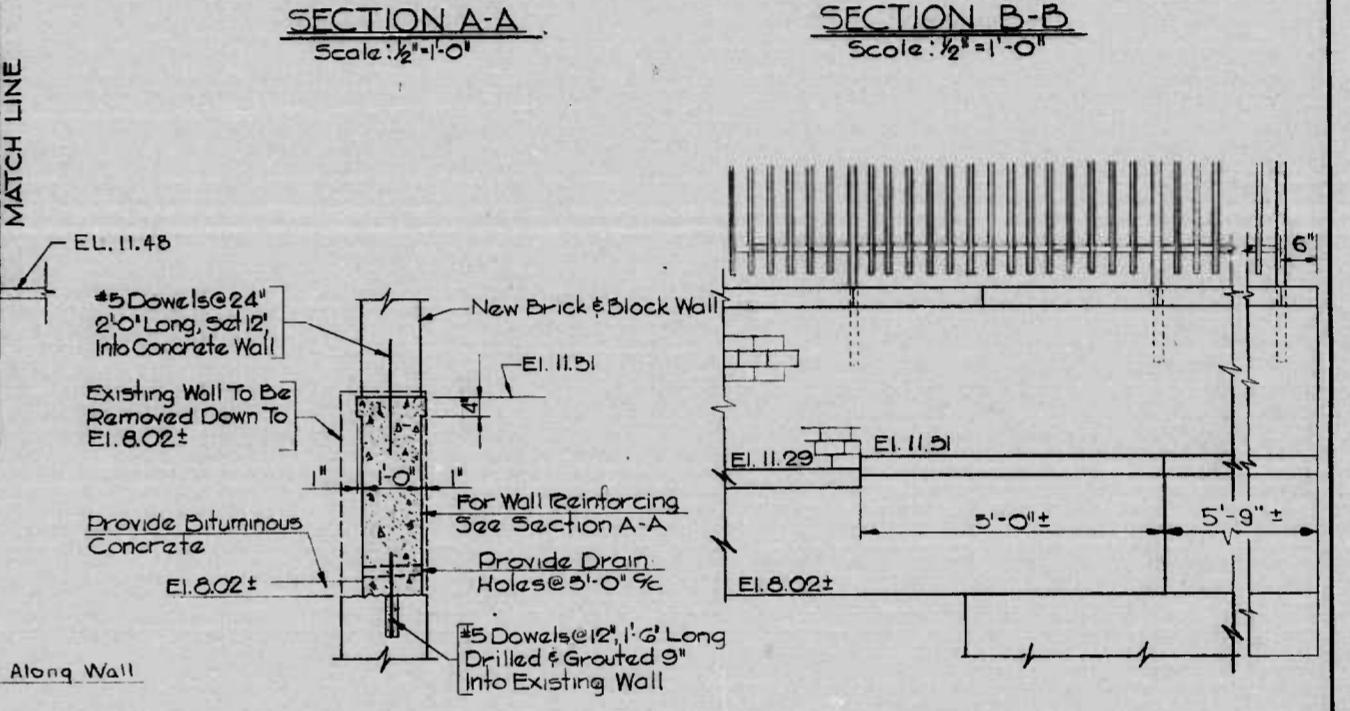
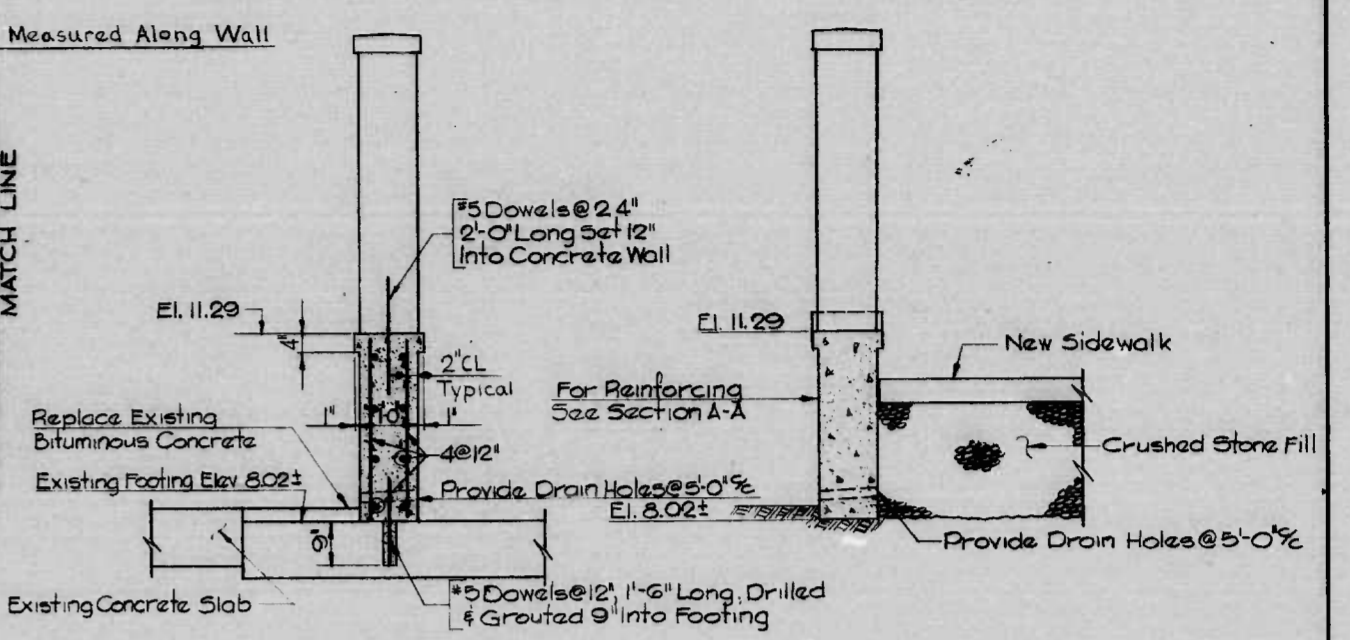
MR. W.L. O'KEEFE RED LINE REVISION NO. 1

K&E BALTIMORE 15183 MERCURINE MC7199

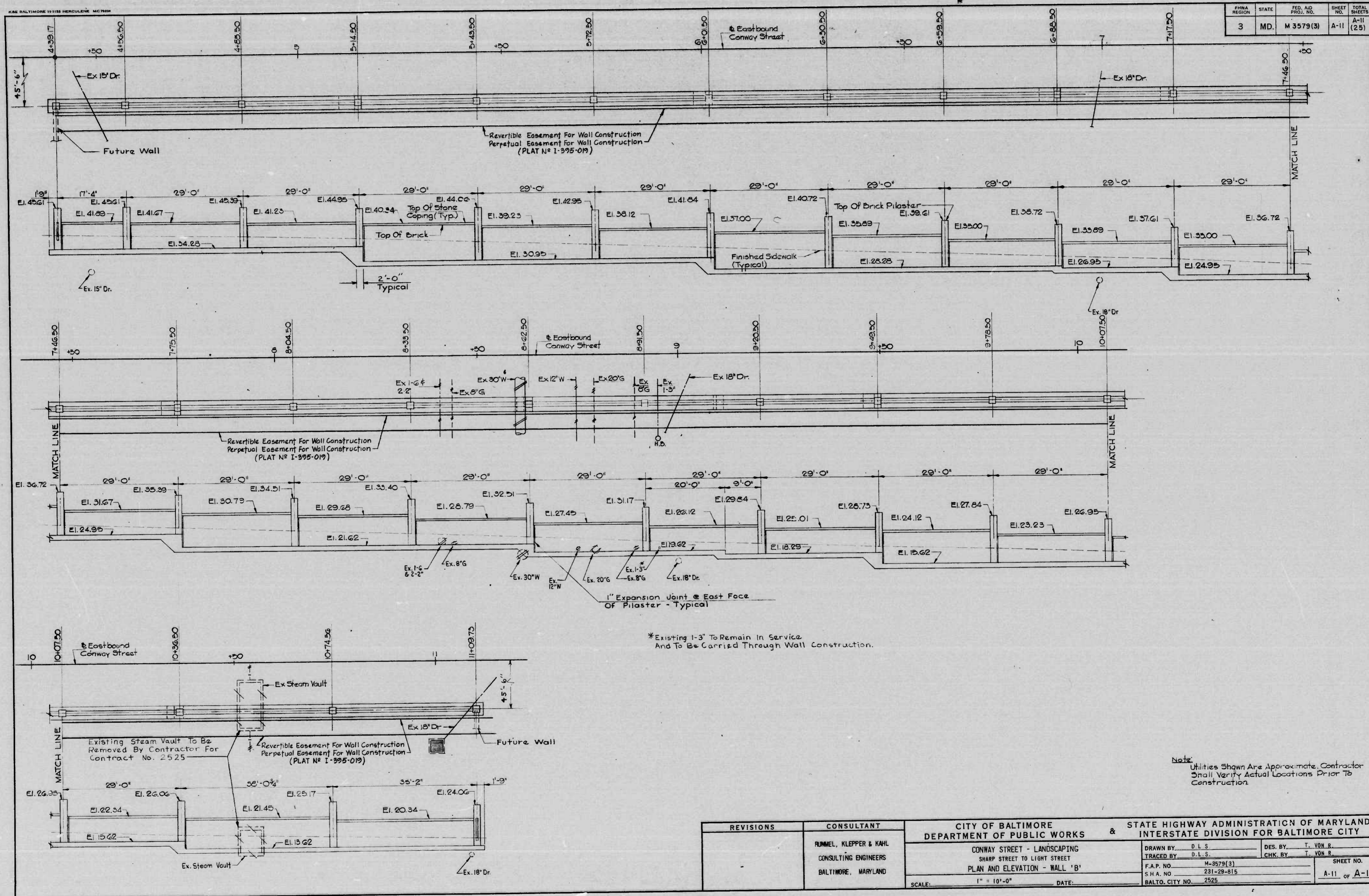
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M 3579(3)	A-10	A-11 (25)



ELEVATION Scale: 1/8"=1'-0" Horiz, 1/4"=1'-0" Vert.



REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET PLAN AND ELEVATION - WALL 'C'	DRAWN BY: D.L.S. TRACED BY: D.L.S. F.A.P. NO.: M-3579(3) S.H.A. NO.: 231-29-815 BALTO. CITY NO.: 2525
		DATE:	DES. BY: T.von2 CHK. BY: T.von2 SHEET NO.: A10 of A-11



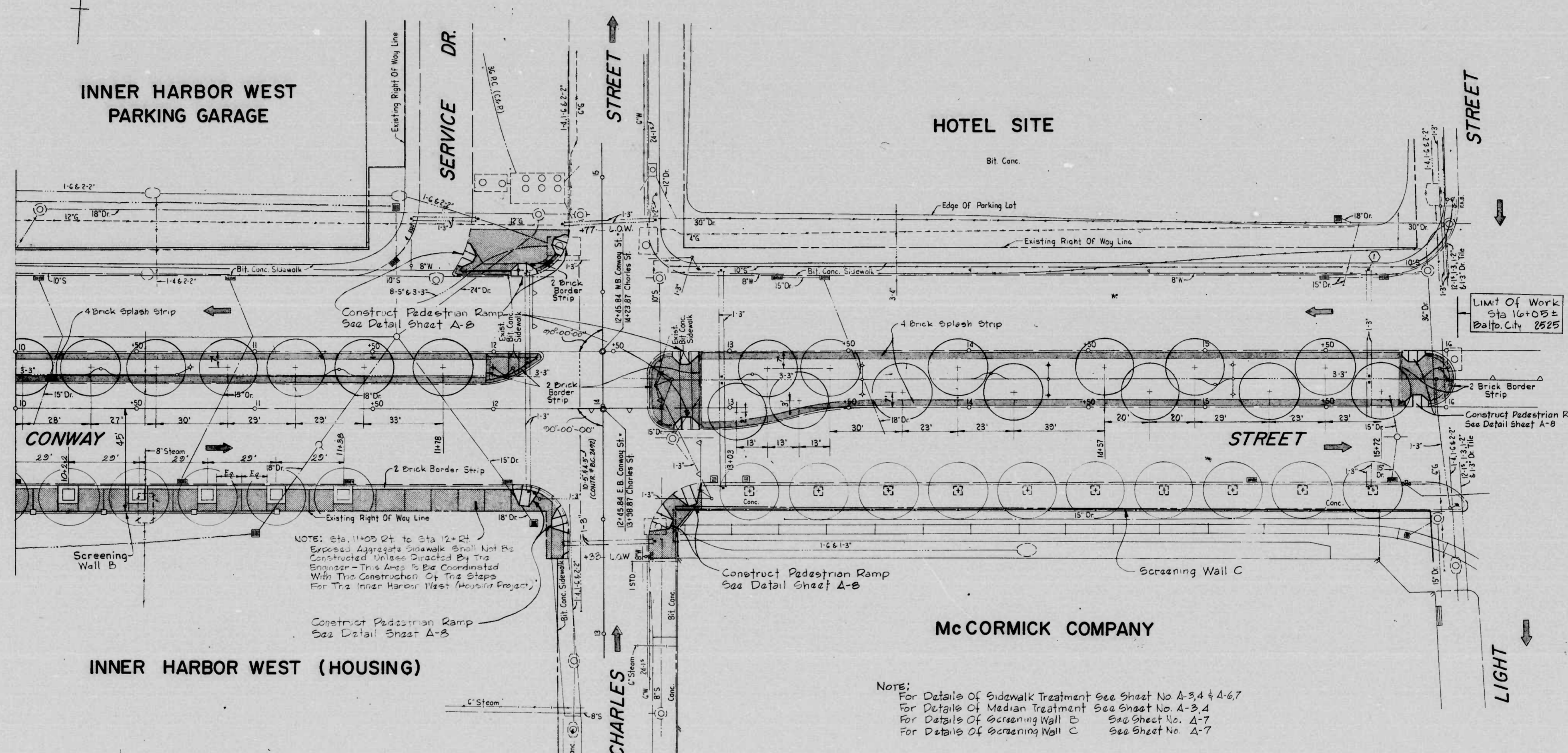
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-11	A-11 (25)

Note: Utilities Shown Are Approximate. Contractor Shall Verify Actual Locations Prior To Construction.

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	DRAWN BY: D.L.S. TRACED BY: D.L.S. F.A.P. NO. M-3579(3) S.H.A. NO. 231-29-815 BALTO. CITY NO. 2525	DES. BY: T. VON R. CHK. BY: T. VON R. SHEET NO. A-11 of A-11
		SCALE: 1" = 10'-0"	DATE:

K&E BALTIMORE 181182 HERCULENE MC7999

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	A-2	(25)



Limit of Work
Sta 16+05 =
Balto. City 2525

NOTE: Sta. 11+05 Rt to Sta 12+21
Exposed Aggregate Sidewalk Shall Not Be
Constructed Unless Directed By The
Engineer - This Area To Be Coordinated
With The Construction Of The Steps
For The Inner Harbor West (Housing Project)

NOTE:
For Details of Sidewalk Treatment See Sheet No A-3,4 & A-6,7
For Details of Median Treatment See Sheet No. A-3,4
For Details of Screening Wall B See Sheet No. A-7
For Details of Screening Wall C See Sheet No. A-7

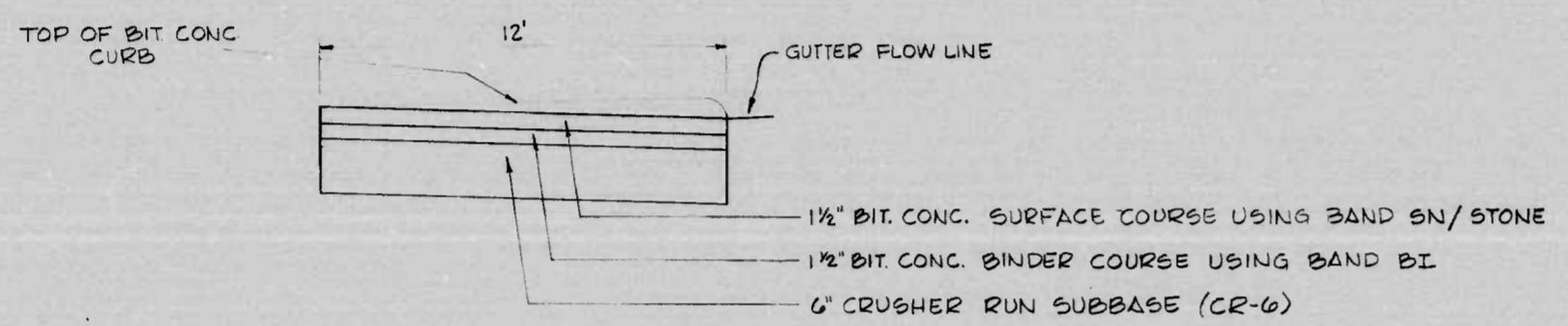
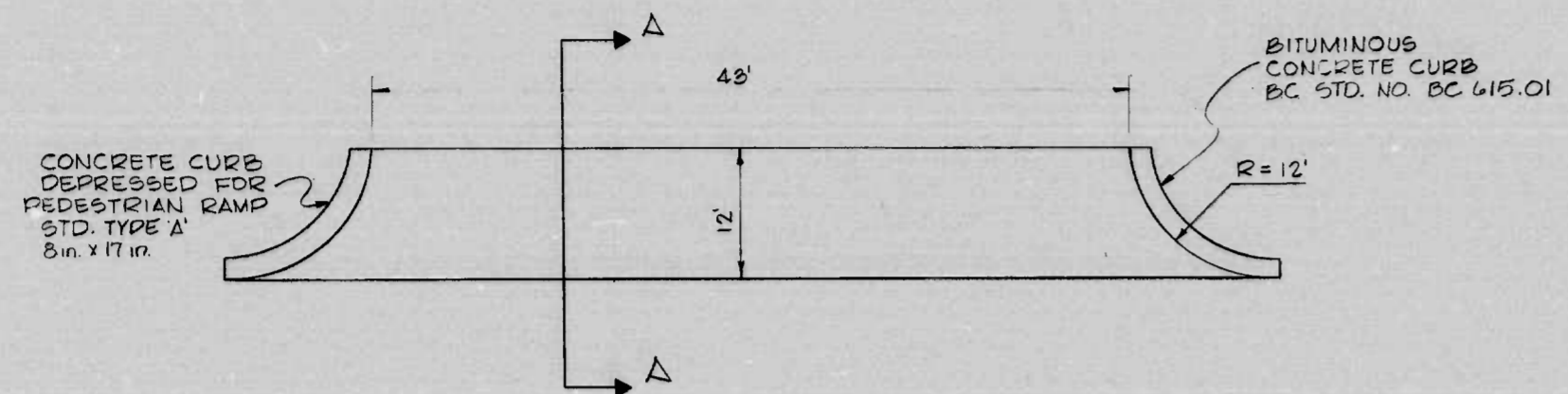
SYMBOL	PLANT LIST	QUAN.	SIZE	ROOT	REMARKS
(Circle with +)	QUERCUS PALESTRIS 'CROWNRIGHT' CROWNRIGHT PIN OAK		14'-16' HEIGHT 4-4 1/2" CAL.	B+B	FULL-HEADED; MATCH TREES IN SIZE AND CHARACTER

NOTE: PRUNE ALL TREES UP TO ATTAIN 7'-6" HEIGHT CLEARANCE

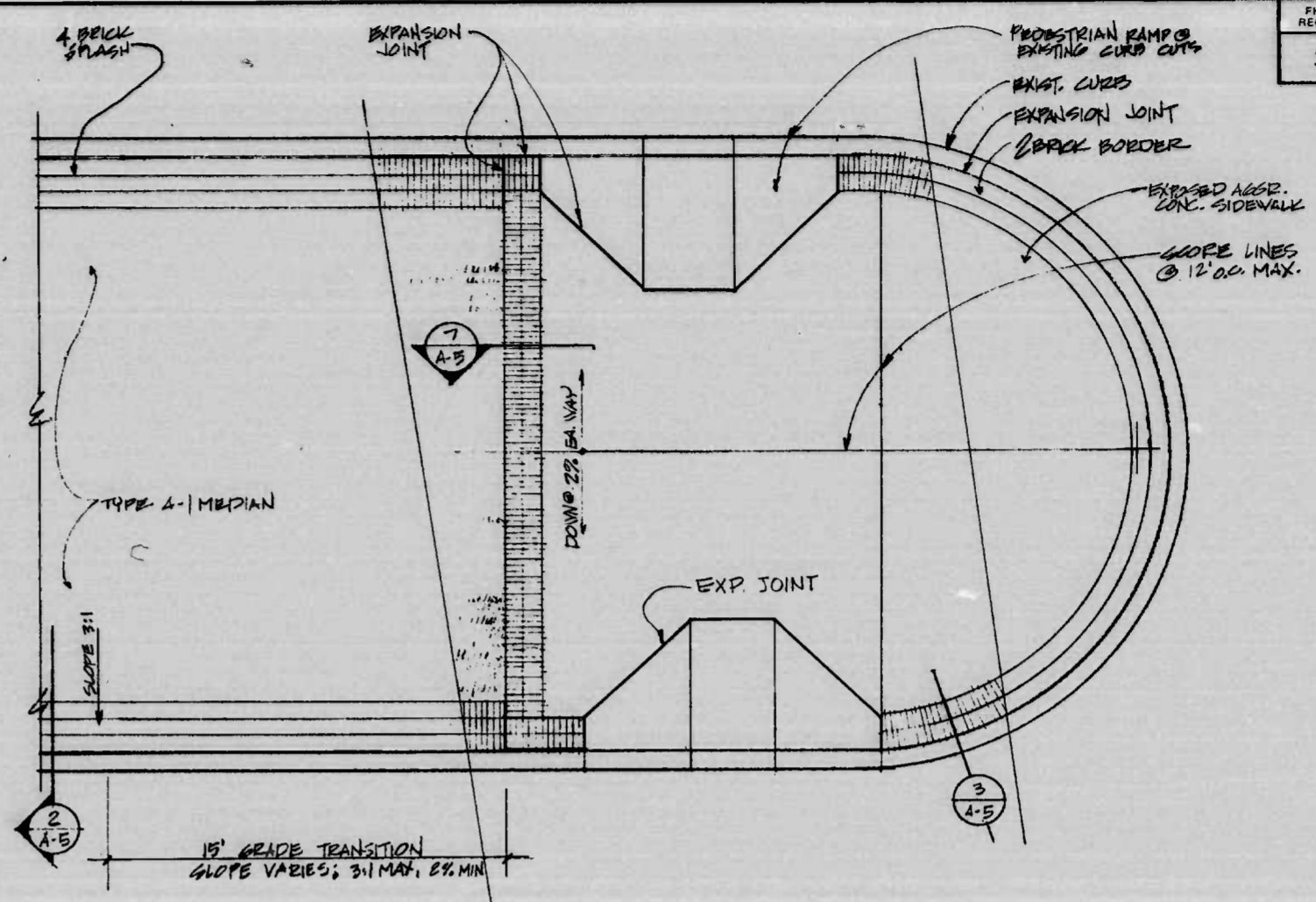
LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMMEL, KLEPPER & KAHL	CONWAY STREET - LANDSCAPING	
	CONSULTING ENGINEERS	TREE PLANTING AND SIDEWALK TREATMENT	
	BALTIMORE, MARYLAND	SCALE: 1" = 20'	DATE:
		DRAWN BY: FWS	DES. BY: JAR JR.
		TRACED BY: FWS/TJA	CHK. BY: ERS/JAR JR.
		F.A.P. NO. M-3579(3)	SHEET NO. A-2 OF A-11
		S.H.A. NO. BC231-29-815	
		BALTO. CITY NO. 2525	

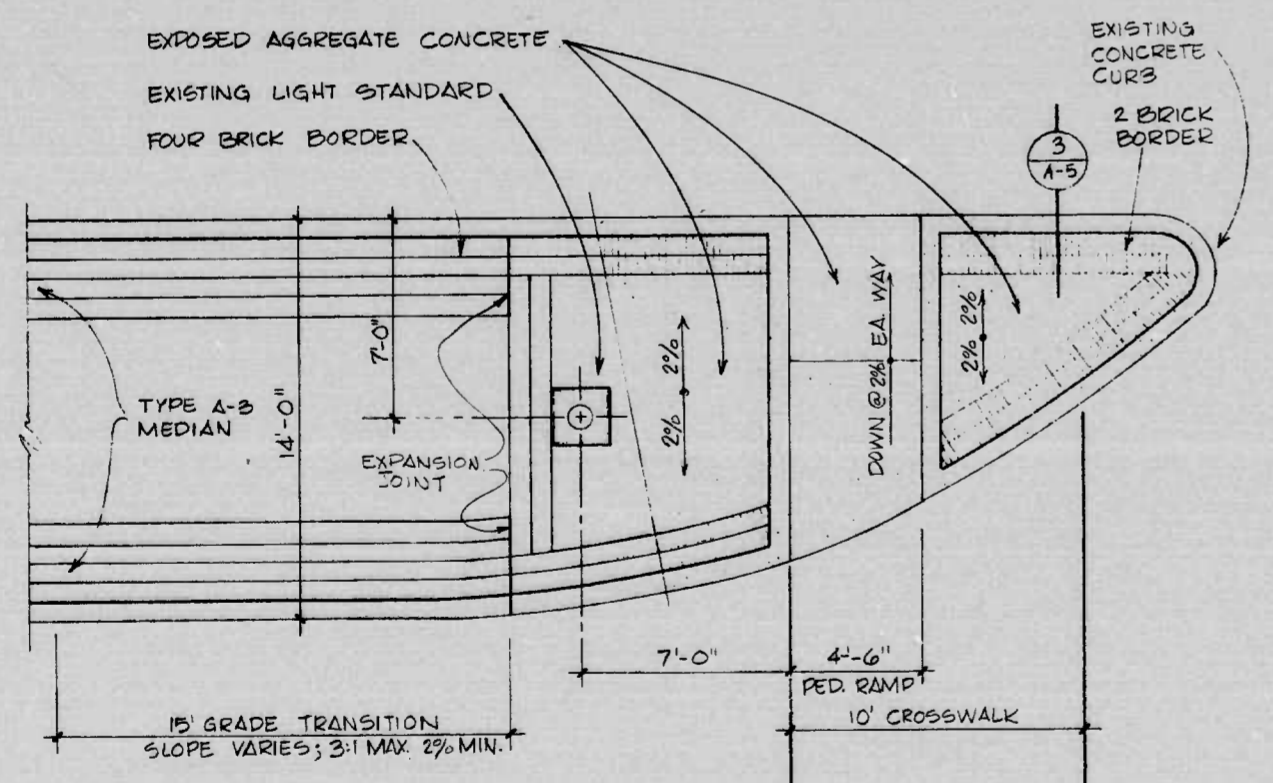
FHWA REGION	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-3	A-11 (25)



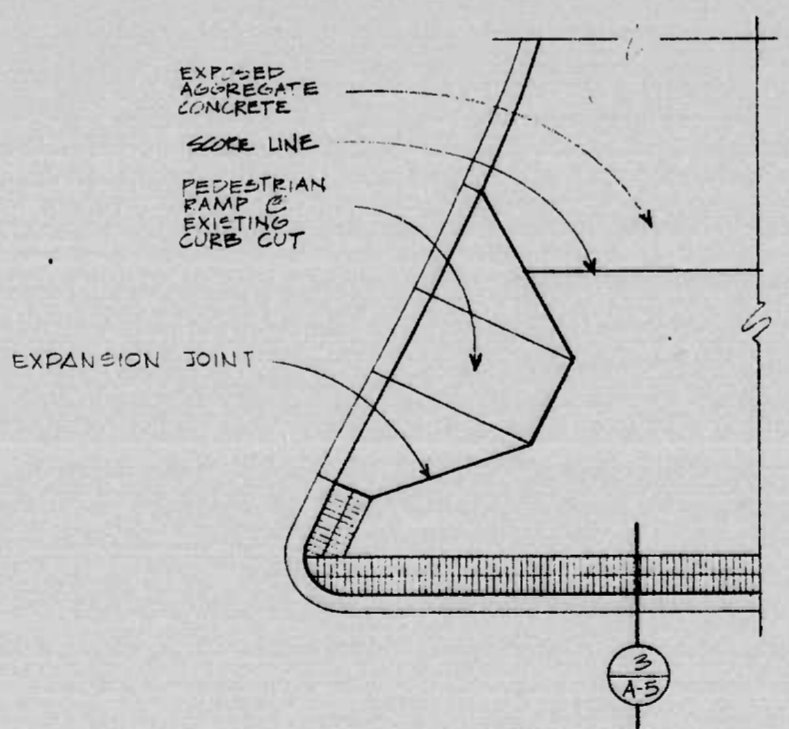
SECTION A-A



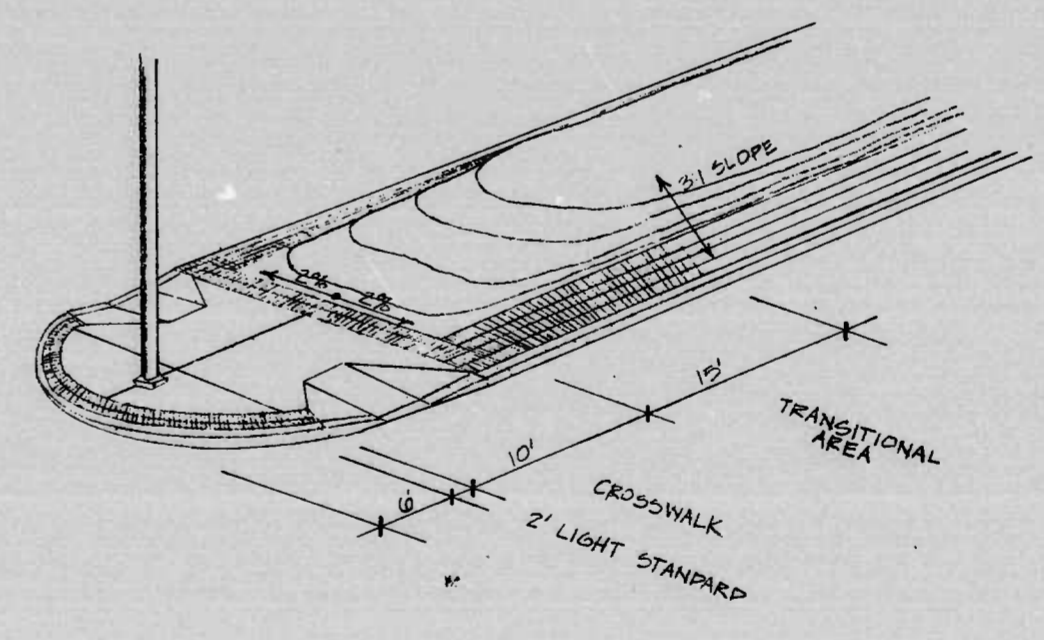
2 PLAN OF MEDIAN @ CROSSWALK, CONWAY @ LIGHT
1/4" = 1'-0"



3 CROSSWALK @ TYPE A-3 MEDIAN CHARLES & CONWAY STREETS
1/4" = 1'-0"



4 PLAN @ NE CORNER, CONWAY @ SERVICE DRIVE
1/4" = 1'-0"



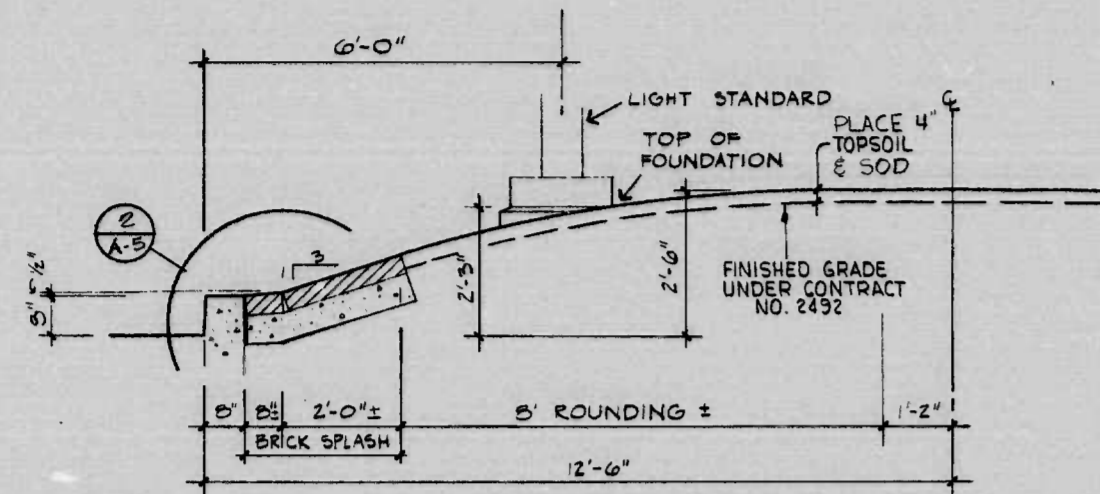
5 TYPICAL TRANSITION AREA
NOT TO SCALE

LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

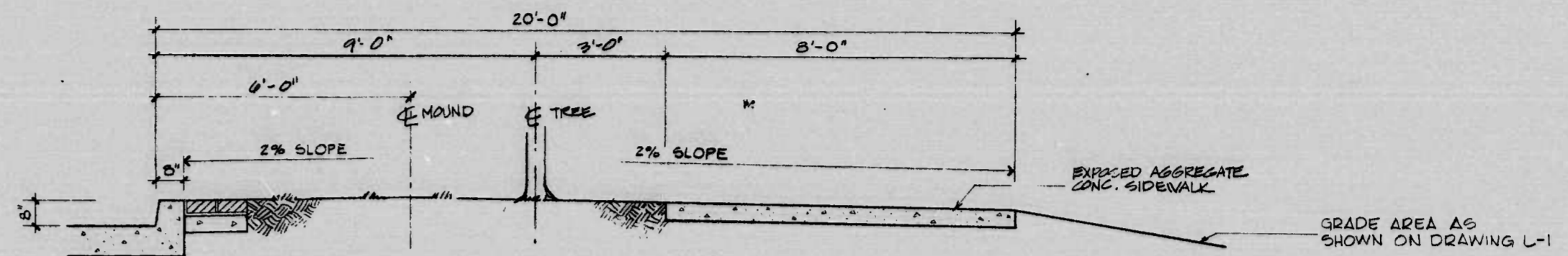
REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SIDEWALK AND MEDIAN TREATMENT - DETAILS DRAWN BY: K. Miller TRACED BY: T.E.A. F.A.P. NO. M-3579(3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 2525
		DES. BY: K. Miller CHK. BY: K.M. JAK JR. SHEET NO. A-3 of A-11

SEE BALTIMORE 19183 MERCULENE MC 828

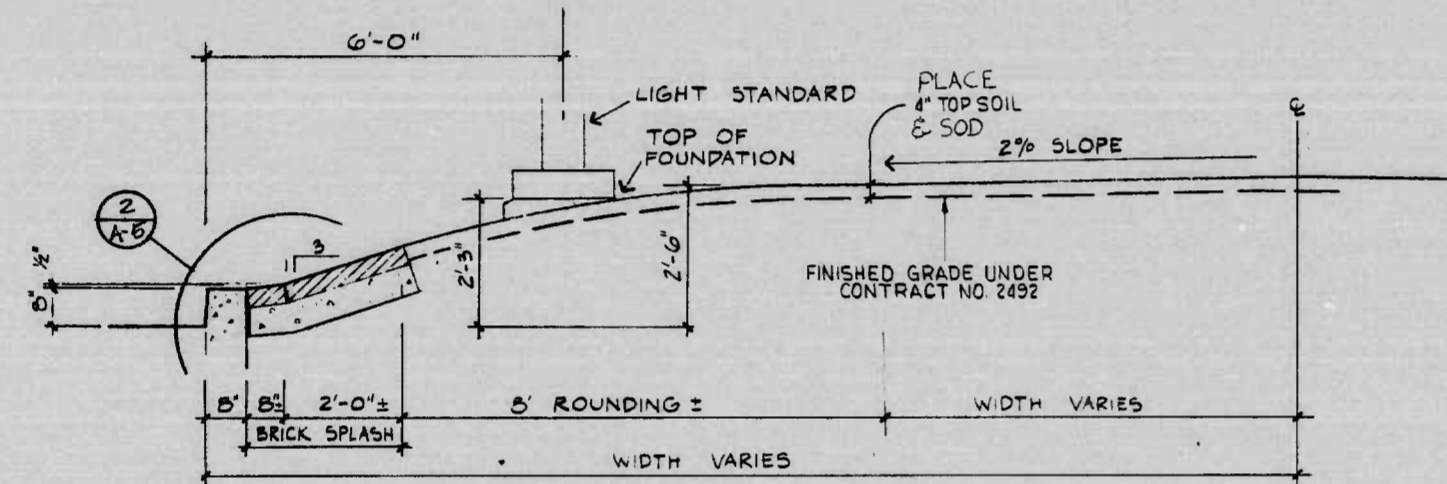
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	A-4	A-11 (25)



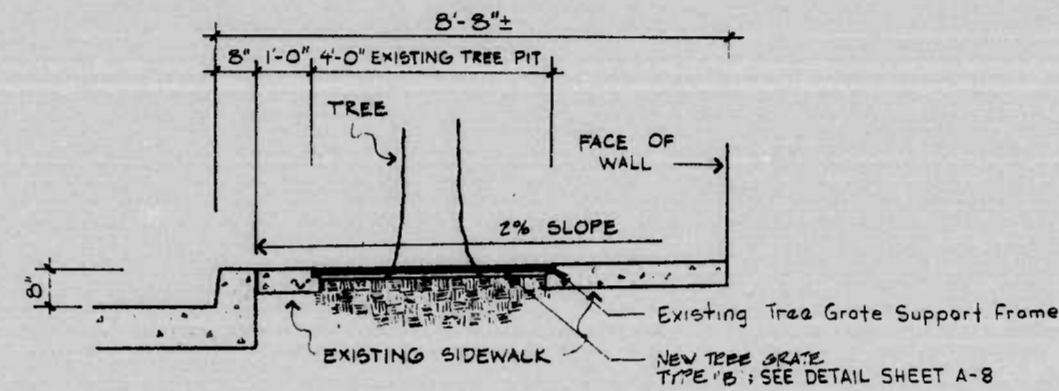
SECTION @ TYPE A-1 MEDIAN (OVER 14' TO 25')
1/2" = 1'-0"



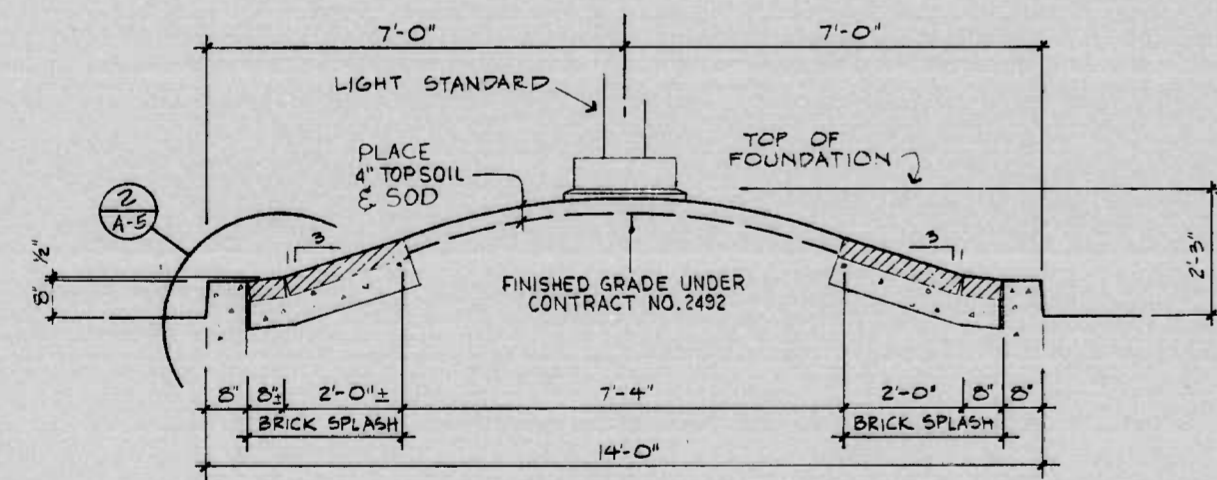
20' SECTION w/ PLANTING STRIP @ OTTERBEIN
1/2" = 1'-0"



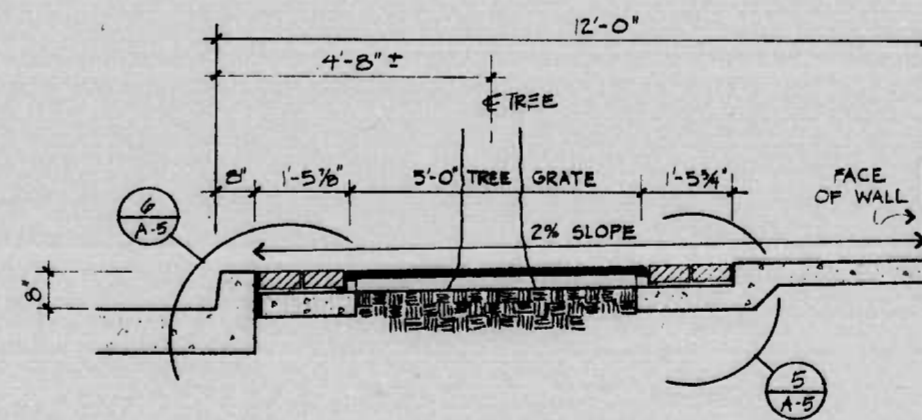
SECTION @ TYPE A-2 MEDIAN (OVER 25')
1/2" = 1'-0"



8'-8" SECTION @ MCCORMICK
1/2" = 1'-0"



SECTION @ TYPE A-3 MEDIAN (UP TO 14')
1/2" = 1'-0"

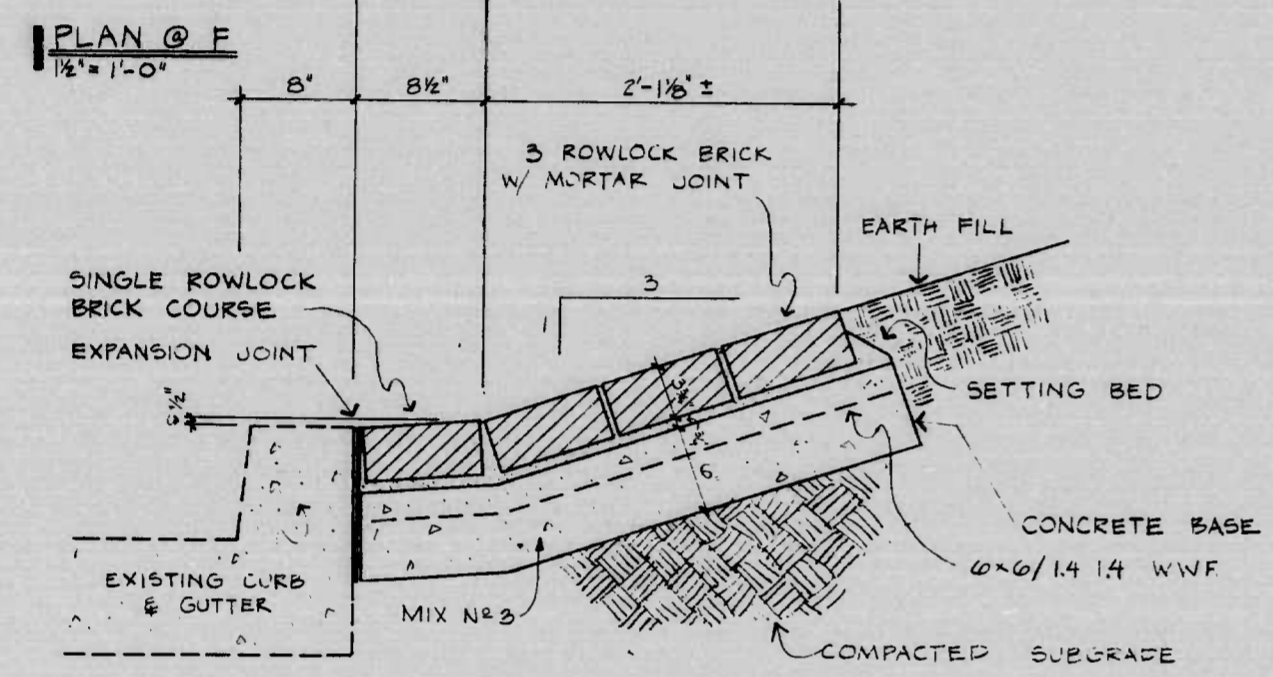
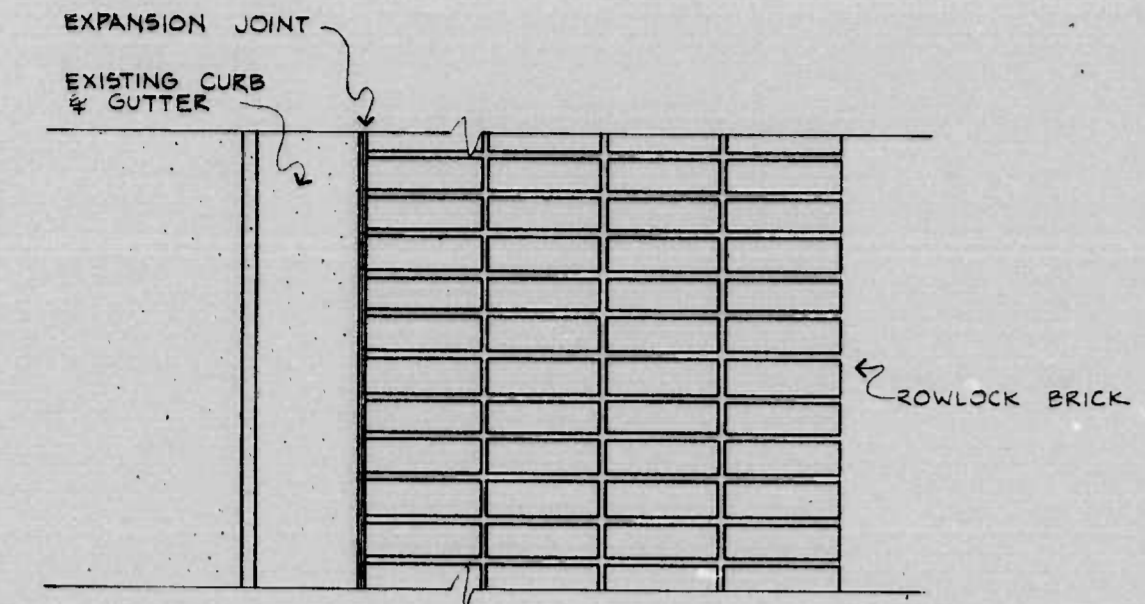


12' SECTION w/ TREE PITS
1/2" = 1'-0"

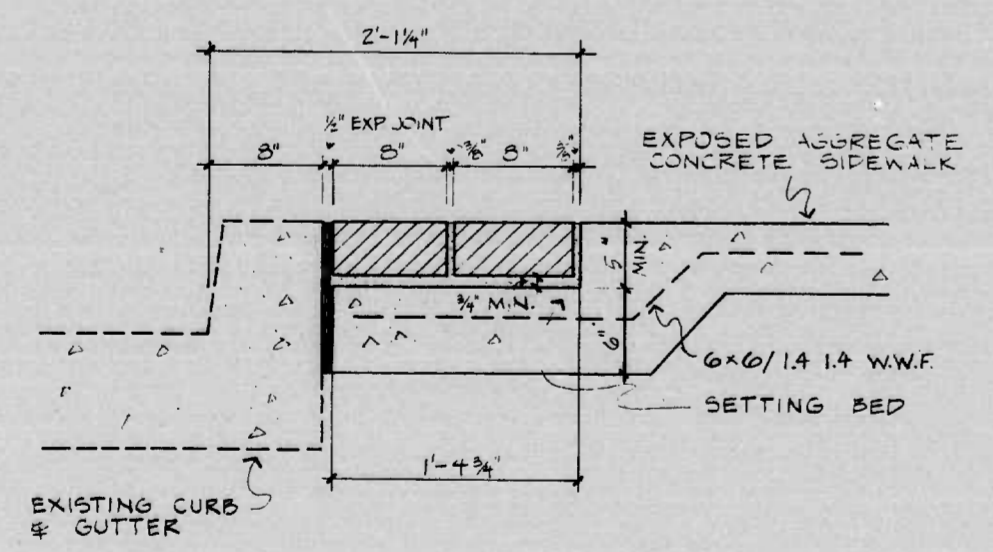
LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SIDEWALK AND MEDIAN TREATMENT-DETAILS	DRAWN BY: K. Miller TRACED BY: TEA F.A.P. NO. M-3579(3) S.H.A. NO. EC 231-23-815 BALTO. CITY NO. 2525
		SCALE: _____ DATE: _____	DES. BY: K. Miller CHK. BY: K.M. / JAR JK SHEET NO. A-4 of A-11

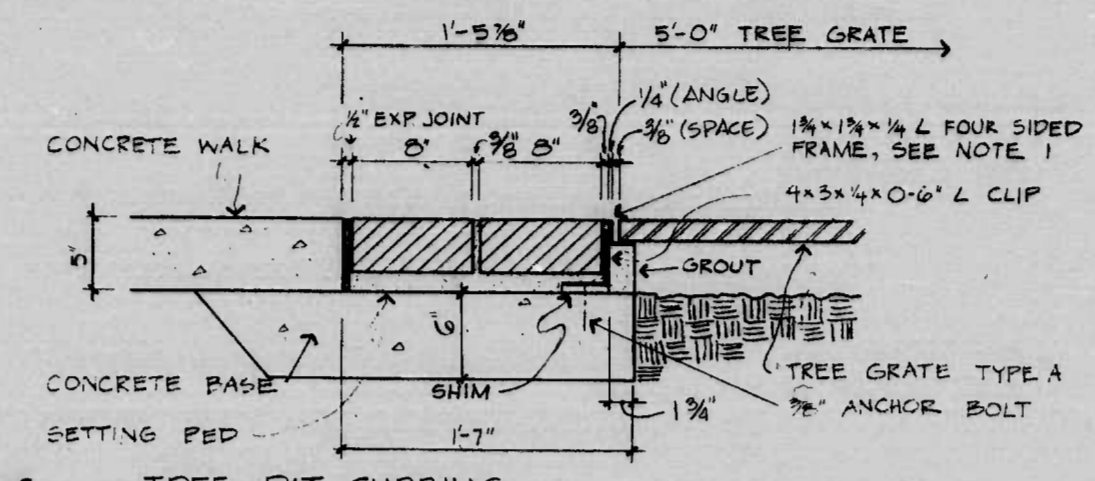
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-5	A-11 (25)



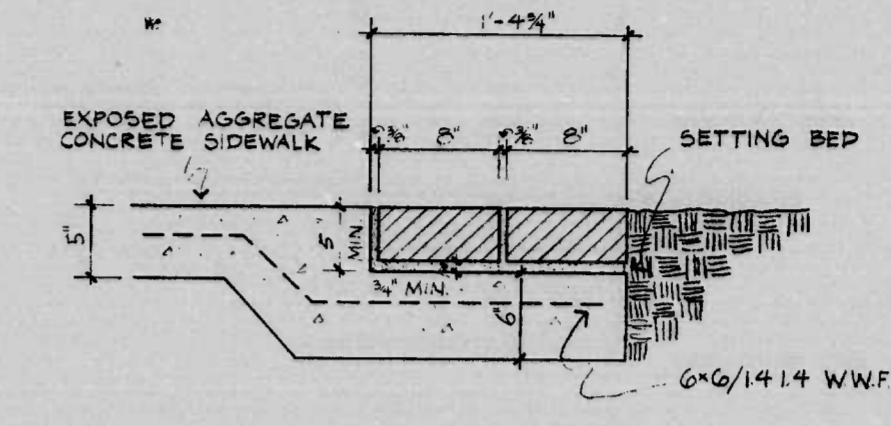
2 FOUR BRICK SPLASH STRIP - SECTION
1/2" = 1'-0"



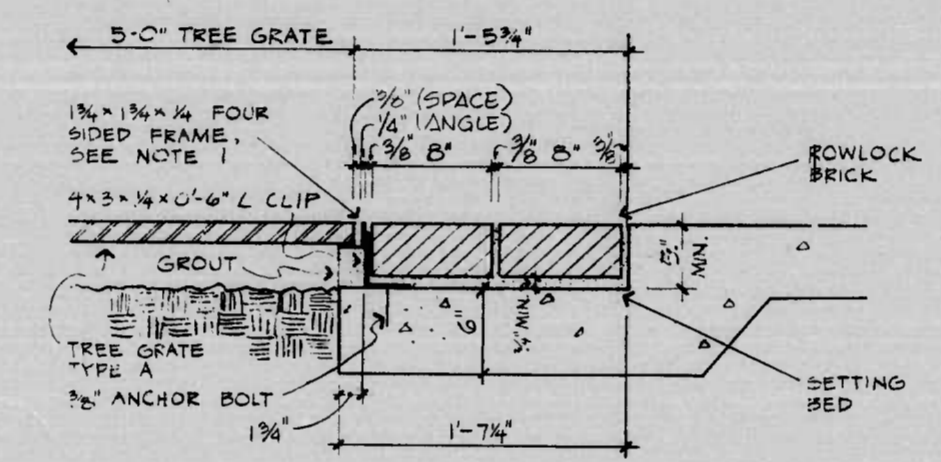
3 TWO BRICK BORDER STRIP
1/2" = 1'-0"



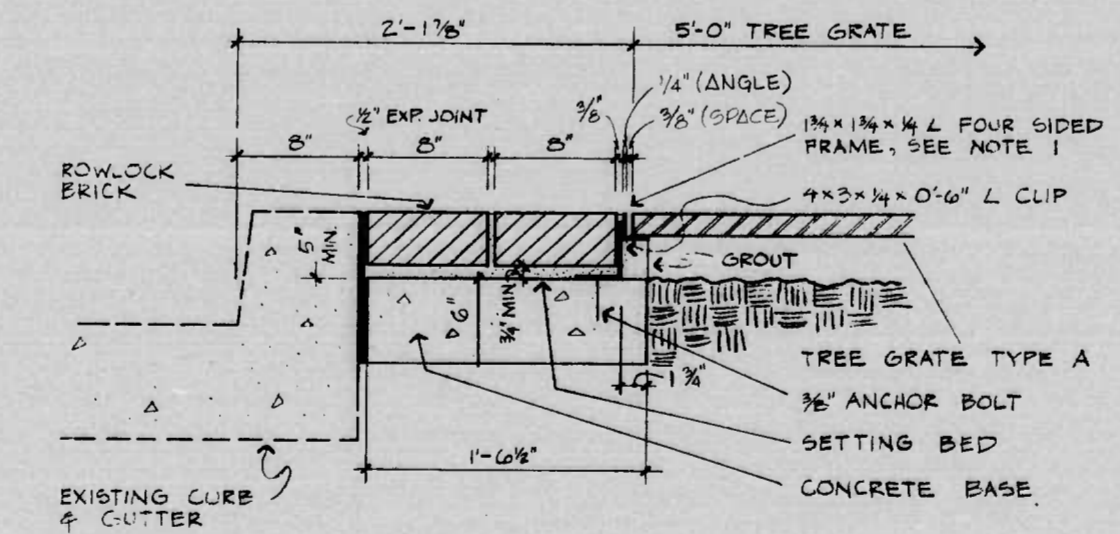
4 TREE PIT CURBING
1/2" = 1'-0"



7 TWO BRICK BORDER @ MEDIAN STRIP
1/2" = 1'-0"



5 TREE PIT CURBING
1/2" = 1'-0"



6 TREE PIT CURBING
1/2" = 1'-0"

NOTES

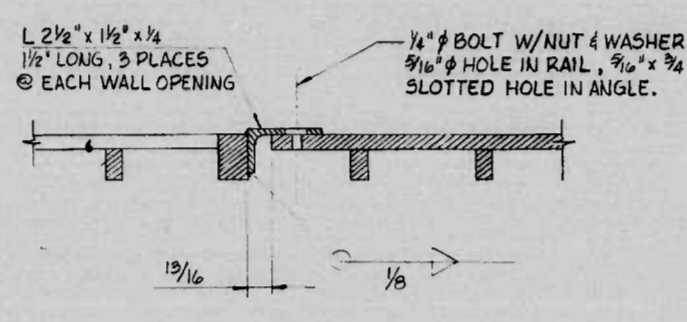
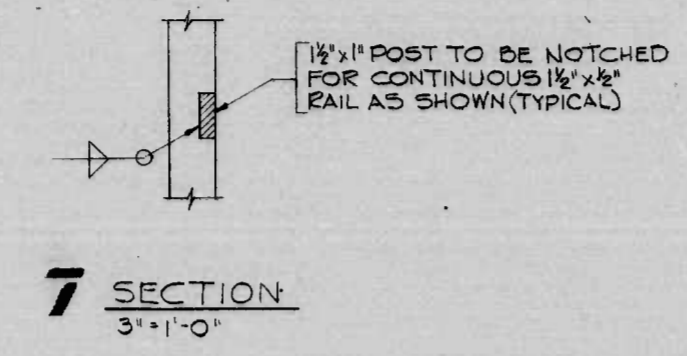
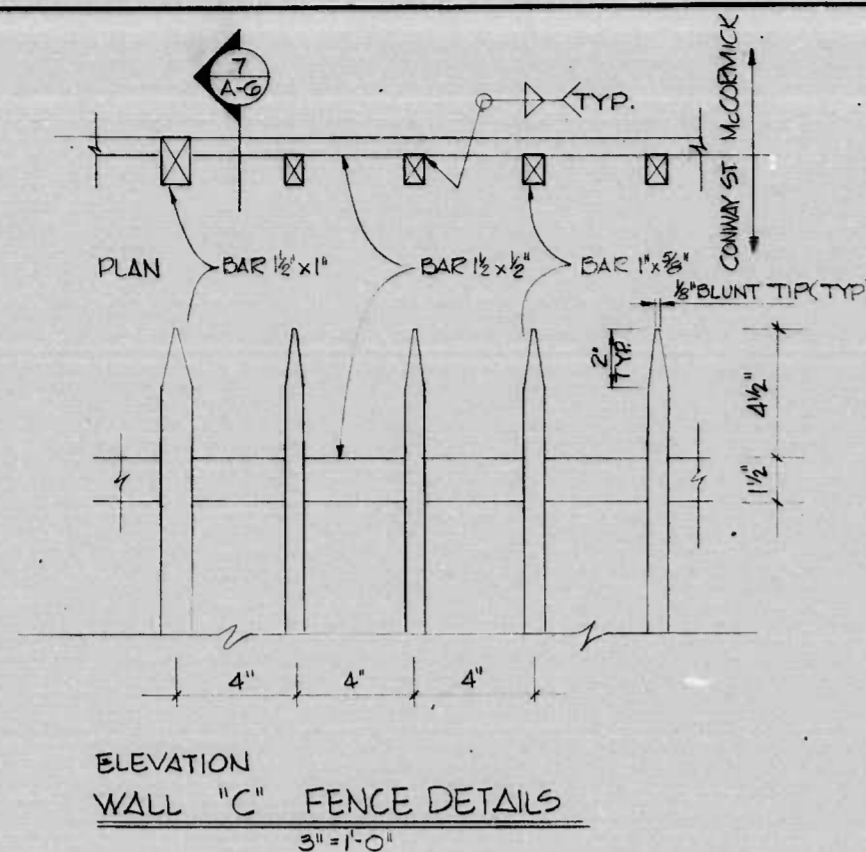
- TREE GRATE SUPPORT FRAME OF 1 3/4" x 1 3/4" x 1/4" L, FOUR SIDED WITH 4x3x1/4x0'-6" CLIP ANGLES WELDED TO FRAME TWO PER SIDE
- TREE GRATE TYPE A: SEE DETAIL SHEET A-8 NOT PAINTED, PRIMED OR OIP COATED
- TREE GRATE TYPE B: SEE DETAIL SHEET NO A-8 NOT PAINTED PRIMED OR OIP COATED
- ALL CONCRETE BASE TO BE MIX NO 3
- EXPANSION JOINTS TO BE CORK OR FIBER

LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

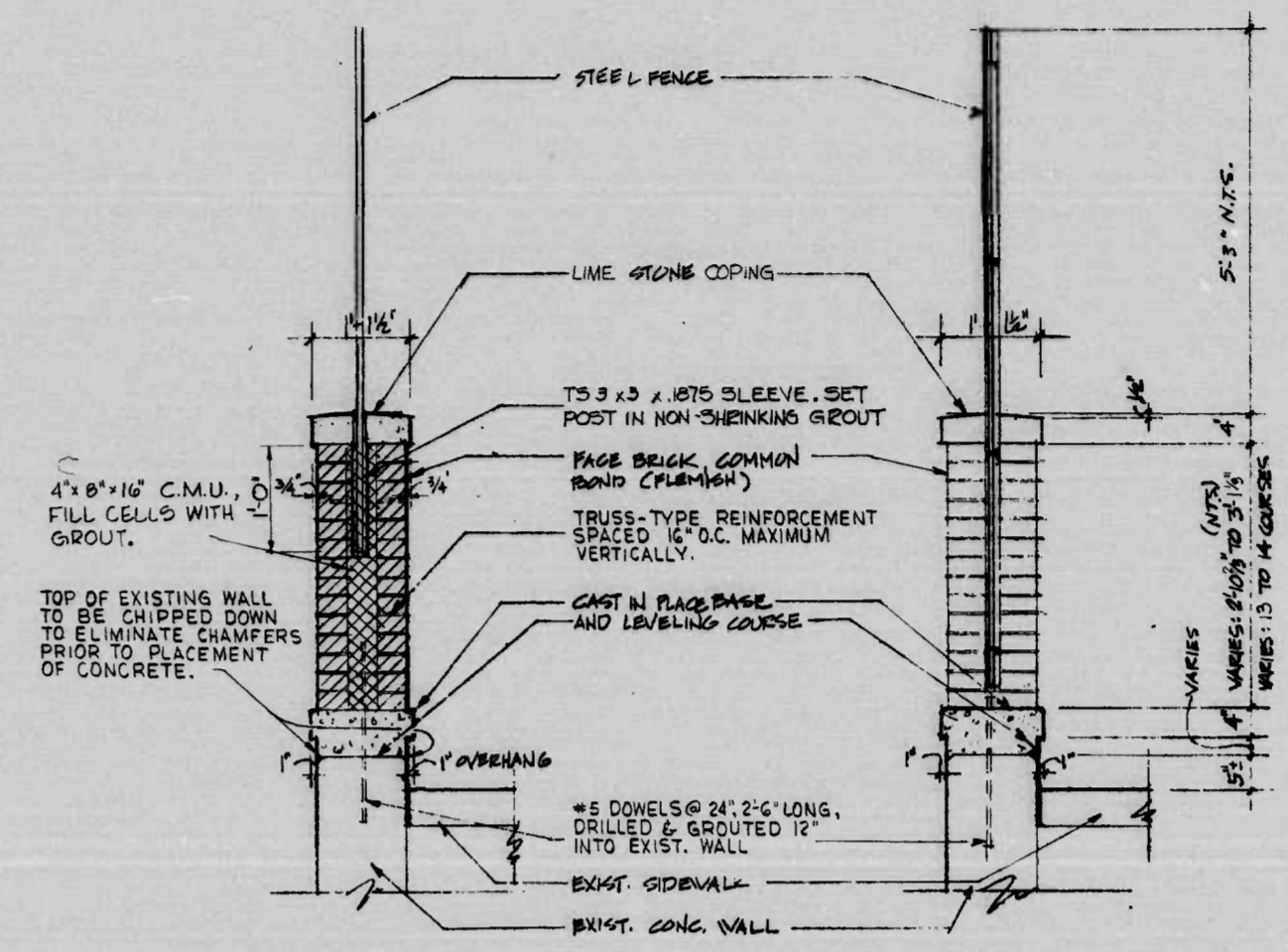
REVISIONS	CONSULTANT
	RUMMEL, KLEPPER & KAHL
	CONSULTING ENGINEERS BALTIMORE, MARYLAND

CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS		STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
CONWAY STREET - LANDSCAPING		DRAWN BY K. Miller	DES. BY K. Miller
MISCELLANEOUS-DETAILS		TRACED BY T.E.A.	CHK. BY K.M. JAR, JR.
SCALE _____ DATE _____		F.A.P. NO. M-3579(3)	SHEET NO. A-5 of A-11
		S.H.A. NO BC 231-29-815	BALTO. CITY NO. 2525

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-6	(25)

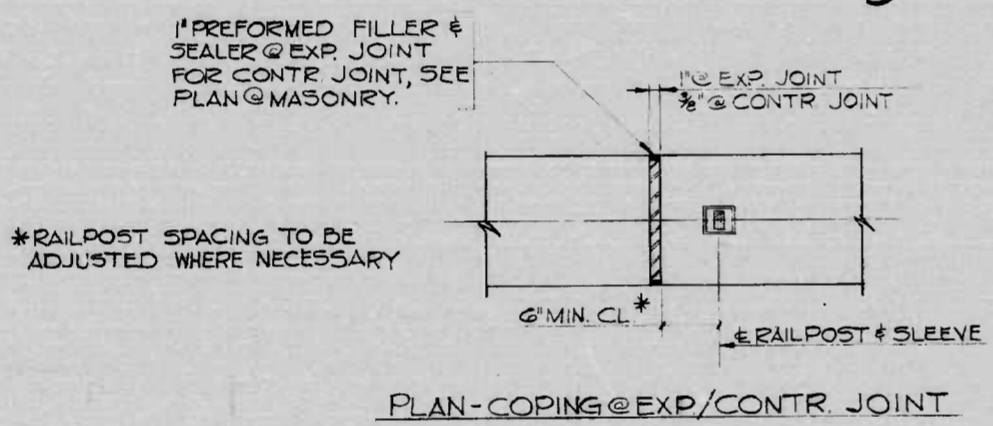


9 FENCE DETAILS @ WALL OPENING
3" = 1'-0"

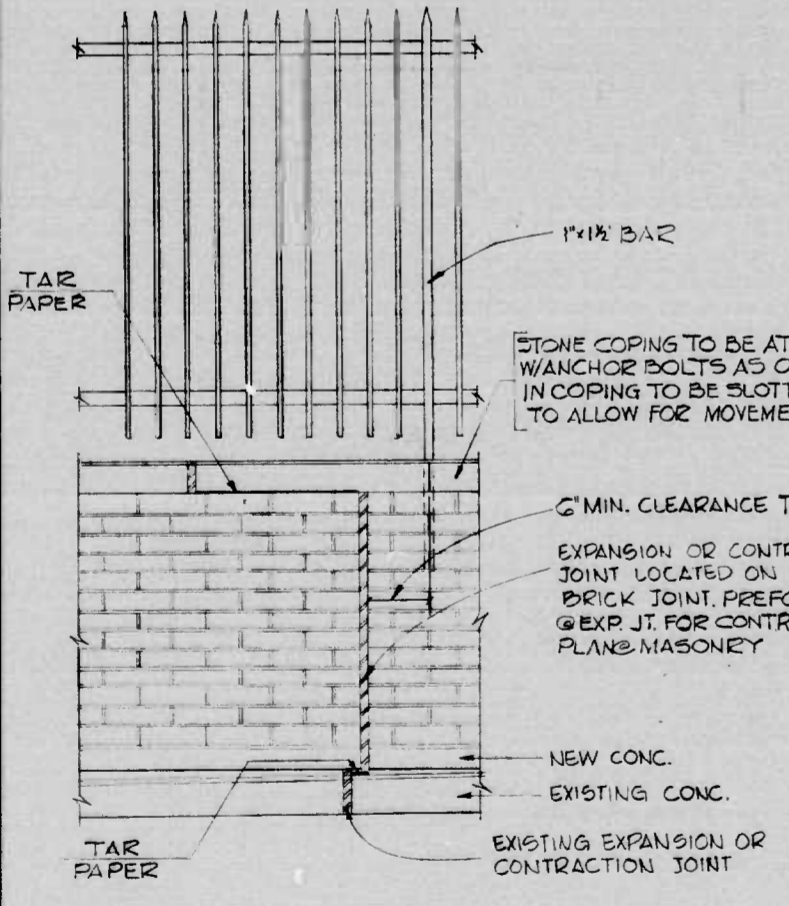


4 SECTION FENCE POST
3/4" = 1'-0"

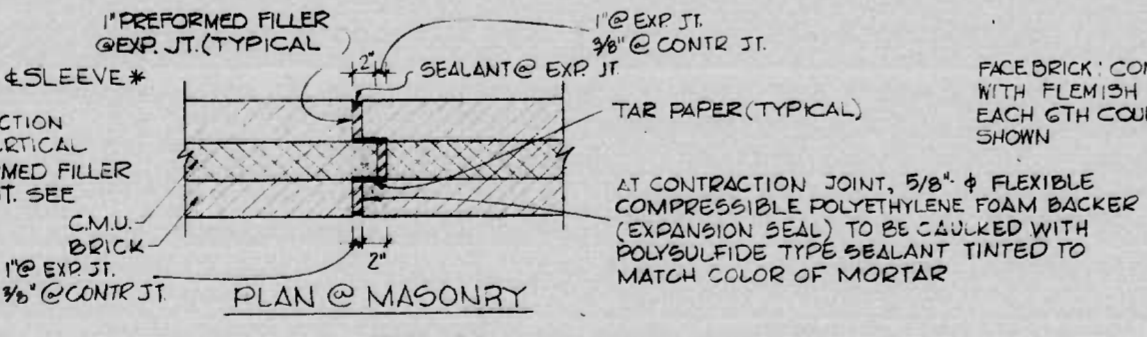
5 SECTION @ WALL OPENING
3/4" = 1'-0"



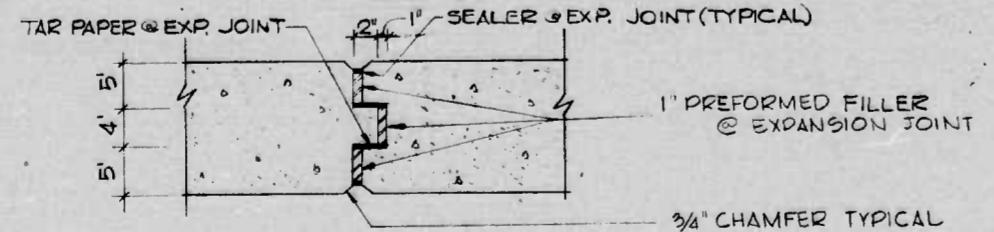
PLAN-COPING @ EXP/CONTR. JOINT



TYPICAL WALL ELEVATION @ JOINT
3/4" = 1'-0"

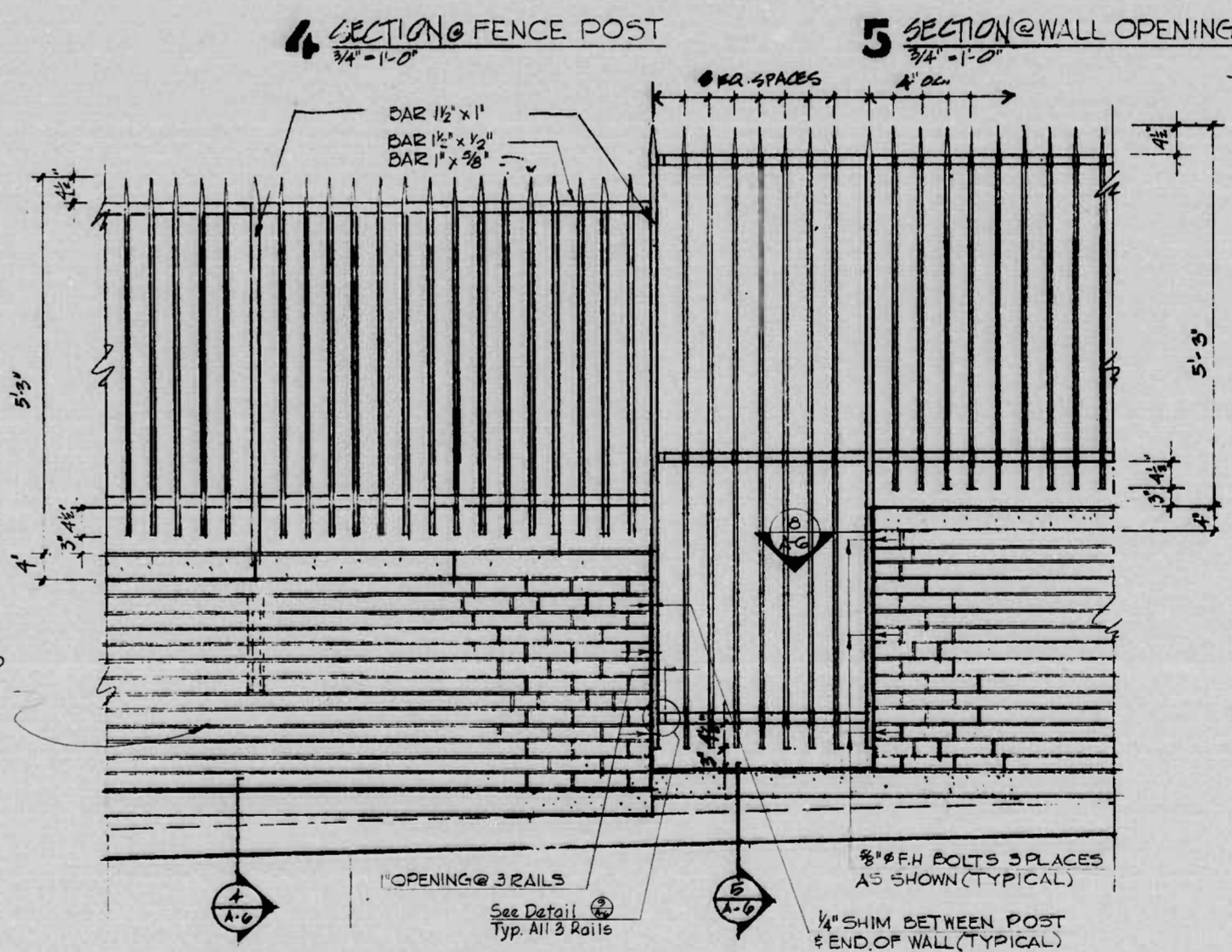


PLAN @ MASONRY

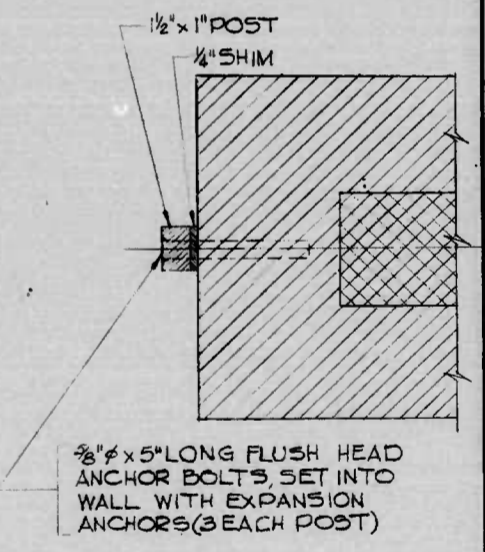


PLAN @ C.I.P. CONC. SILL

DETAILS @ TYPICAL JOINTS
1" = 1'-0"



6 ELEVATION (TYPICAL)
3/4" = 1'-0"



8 SECTION
3" = 1'-0"

LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

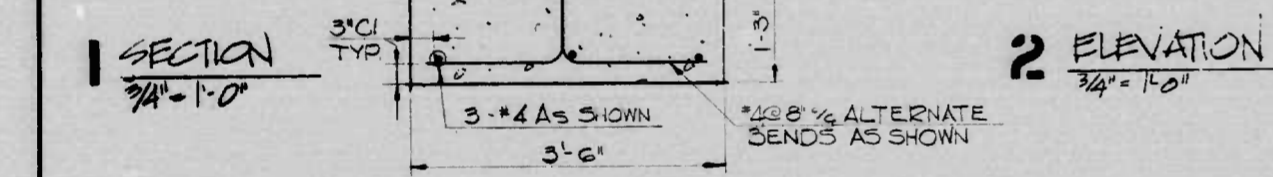
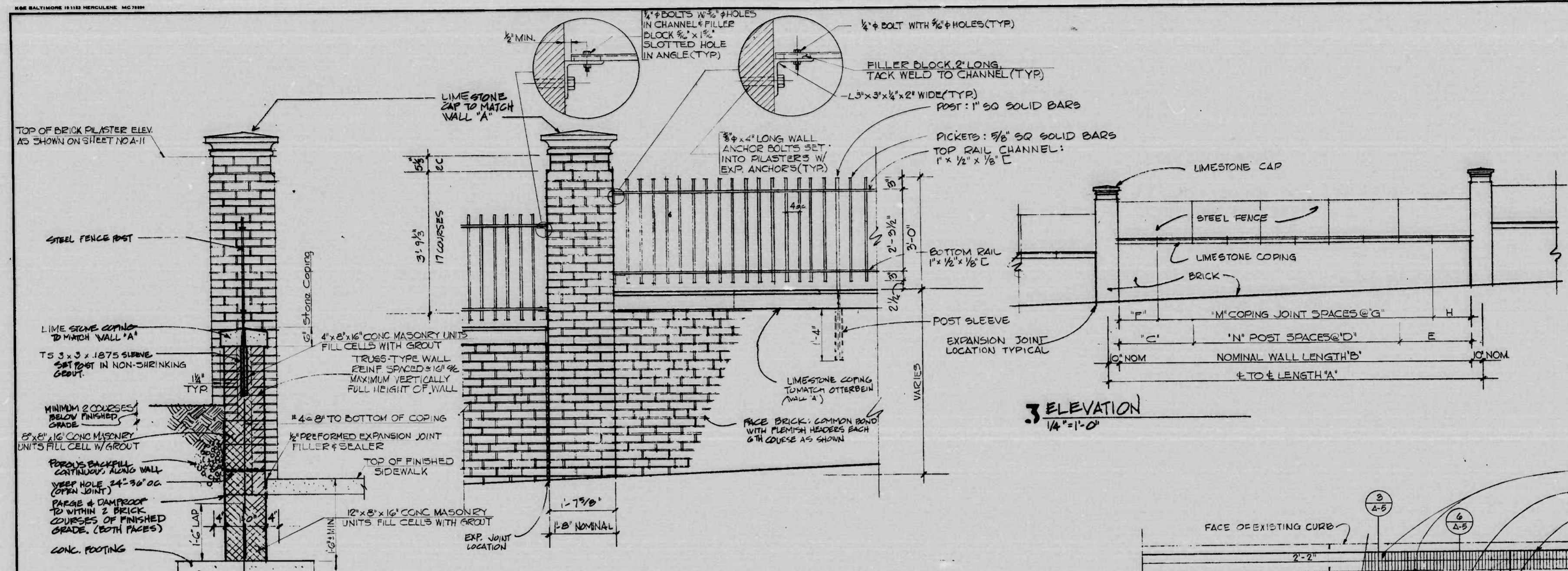
REVISIONS	CONSULTANT
	RUMMEL, KLEPPER & RAHL
	CONSULTING ENGINEERS BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
CONWAY STREET - LANDSCAPING
SHARP STREET TO LIGHT STREET
DETAILS - WALL 'C'

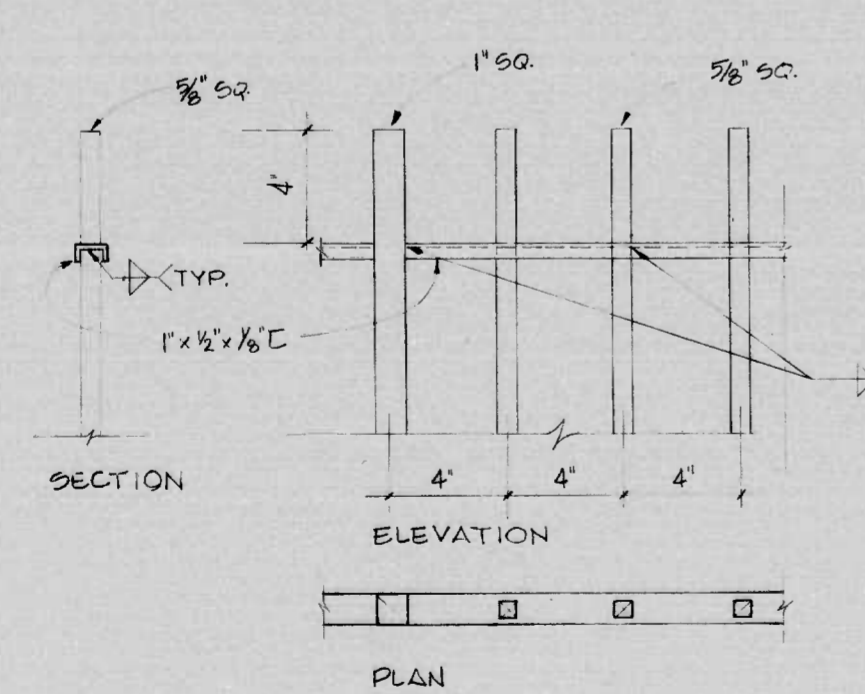
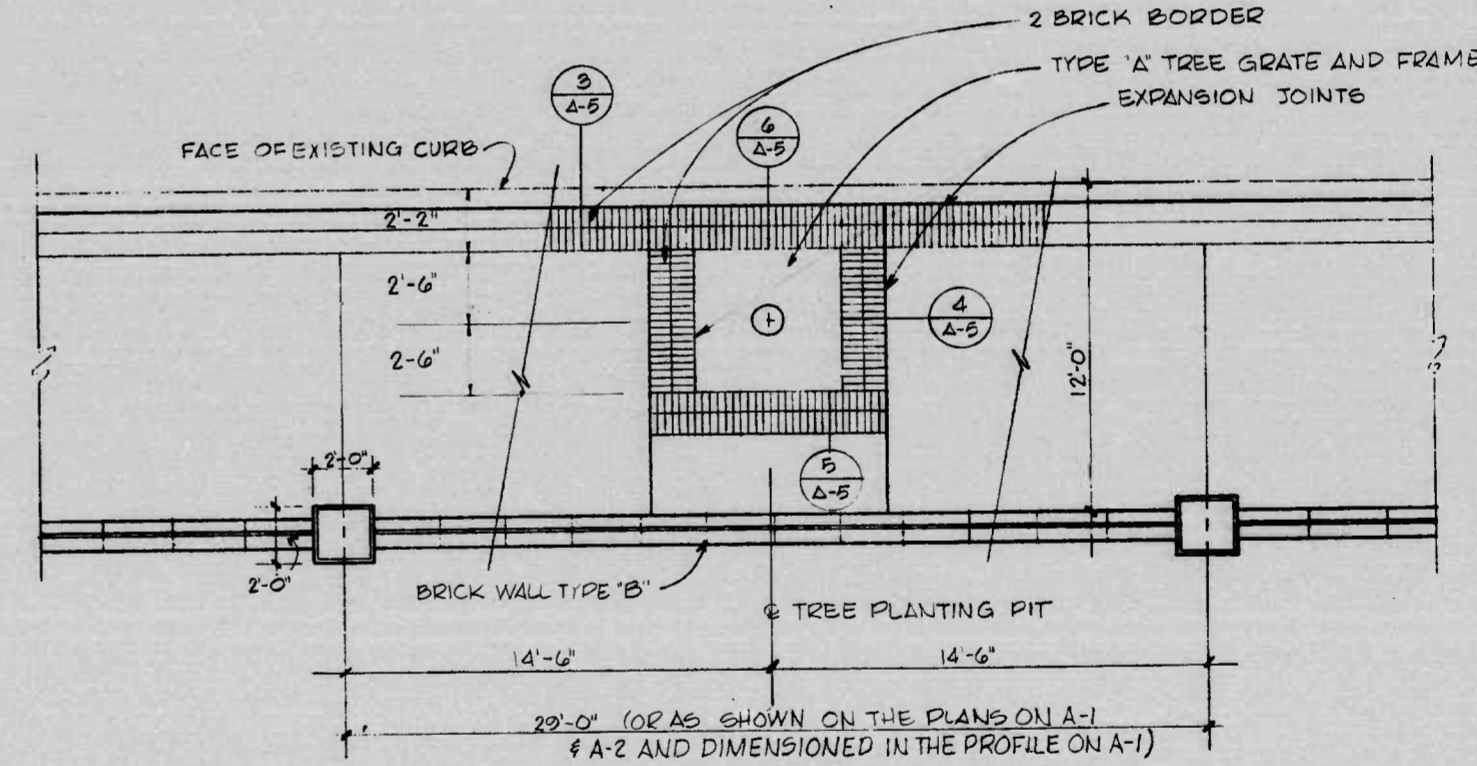
STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
DRAWN BY DLS	DES. BY J. von R.
TRACED BY DLS	CHK. BY J. von R.
F.A.P. NO. M-3579(3)	SHEET NO. A-6 of A-11
S.H.A. NO. BC 231-29-815	
BALTO. CITY NO. 2525	

SCALE: AS NOTED DATE:

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-7	A-11 (25)

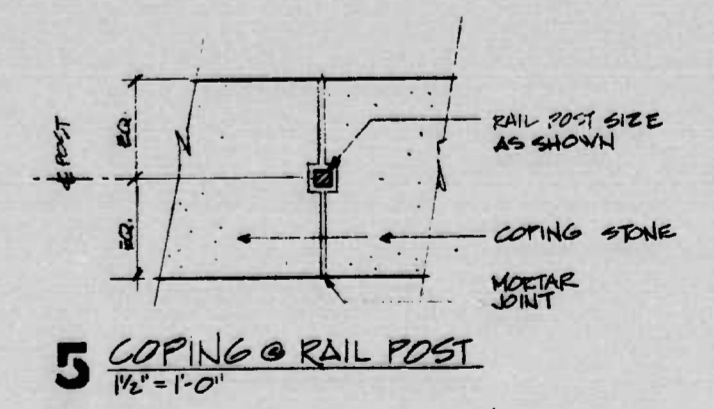


E TO E LENGTH 'A'	NOMINAL WALL LENGTH 'B'	POST SPACING			COPING JOINT SPACING		
		'C'	'N' SPACES @ 'D'	'E'	'F'	'M' SPACES @ 'G'	'H'
23'-0"	27'-4"	5'-8"	3 @ 5'-4"	5'-8"	3'-0"	8 @ 2'-8"	3'-0"
17'-4"	15'-8"	5'-2"	1 @ 5'-4"	5'-2"	2'-6"	4 @ 2'-8"	2'-6"
38'-0 3/4"	36'-4 3/4"	5'-3 3/8"	5 @ 5'-2"	5'-3 3/8"	2'-8 3/8"	12 @ 2'-7"	2'-8 3/8"
35'-2"	33'-6"	5'-7"	4 @ 5'-7"	5'-7"	2'-9 1/2"	10 @ 2'-9 1/2"	2'-9 1/2"



6 WALL "B" FENCE DETAILS
3'-1'-0"

4 TYPICAL BAY PLAN
1/4" = 1'-0"

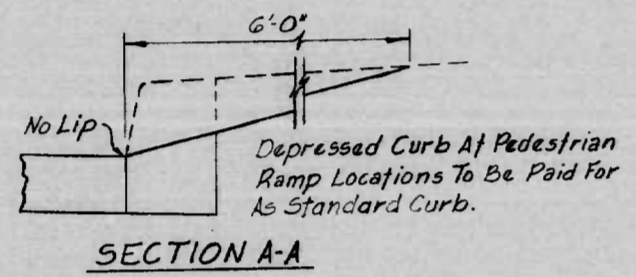
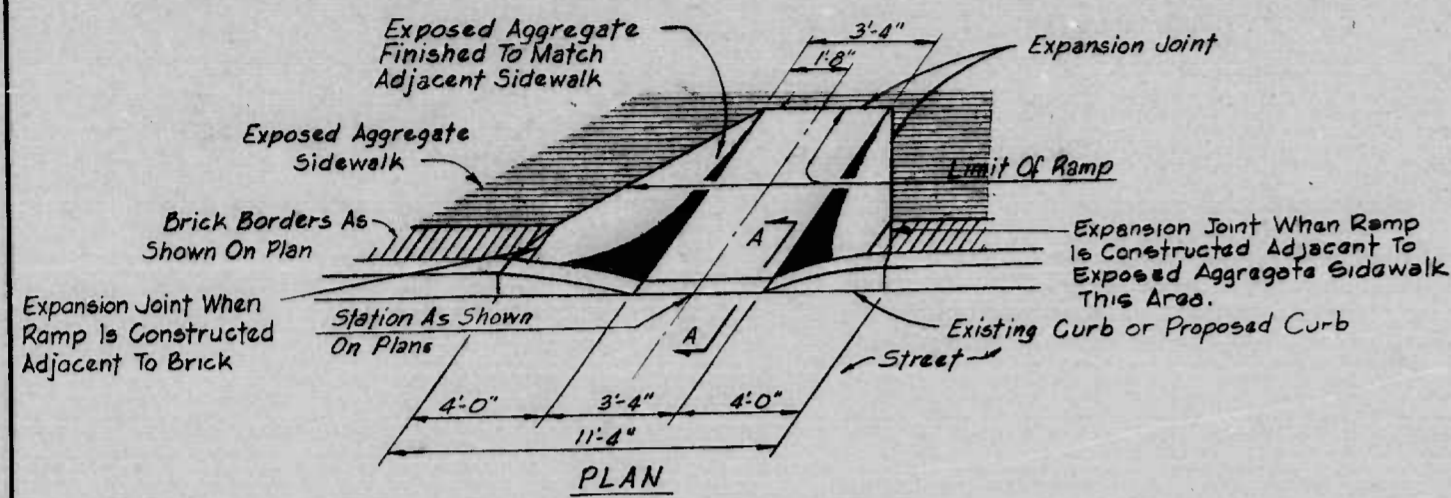


5 COPING @ RAIL POST
1/2" = 1'-0"

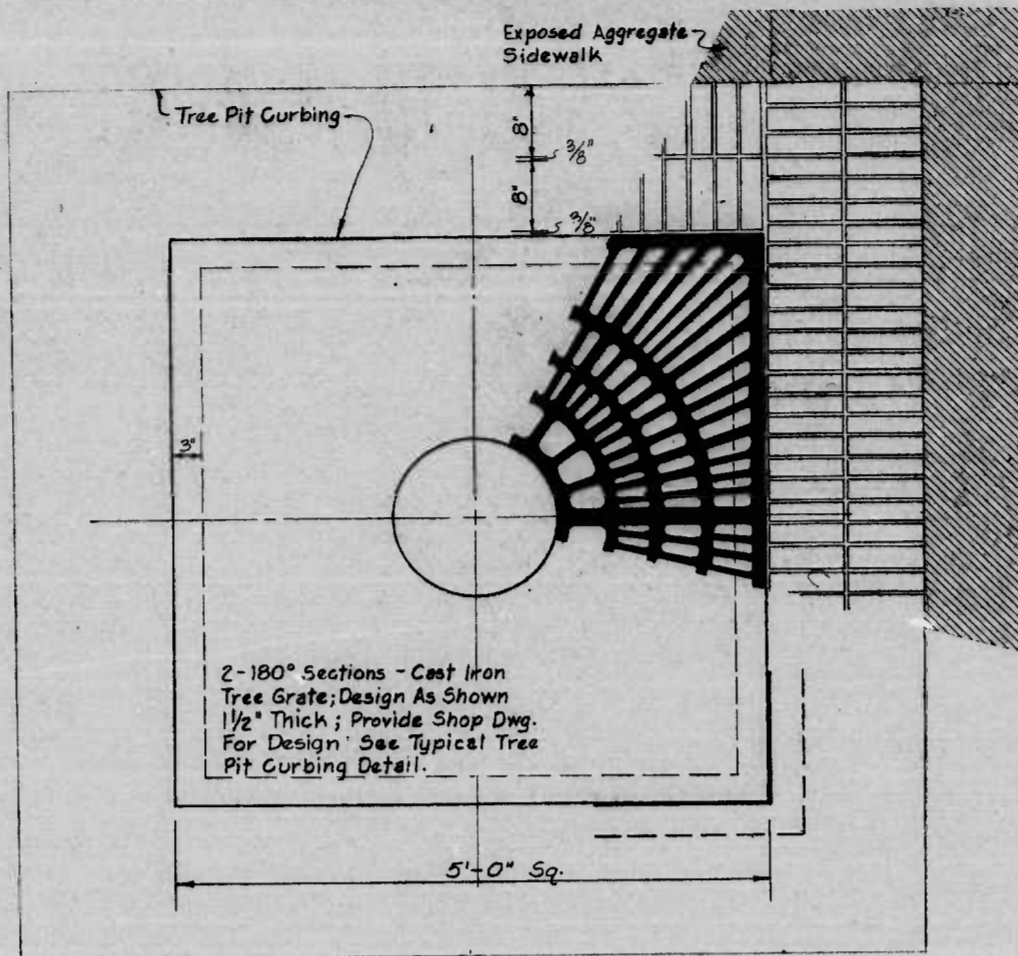
LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET DETAILS AND SIDEWALK TREATMENT - WALL 'B'	DRAWN BY: DLS DES. BY: T. von R. TRACED BY: DLS CHK. BY: T. von R. F.A.P. NO. M-3579(3) S.H.A. NO. 231-29-815 BALTO. CITY NO. 2525
		SCALE: AS NOTED	SHEET NO. A-7 of A-11

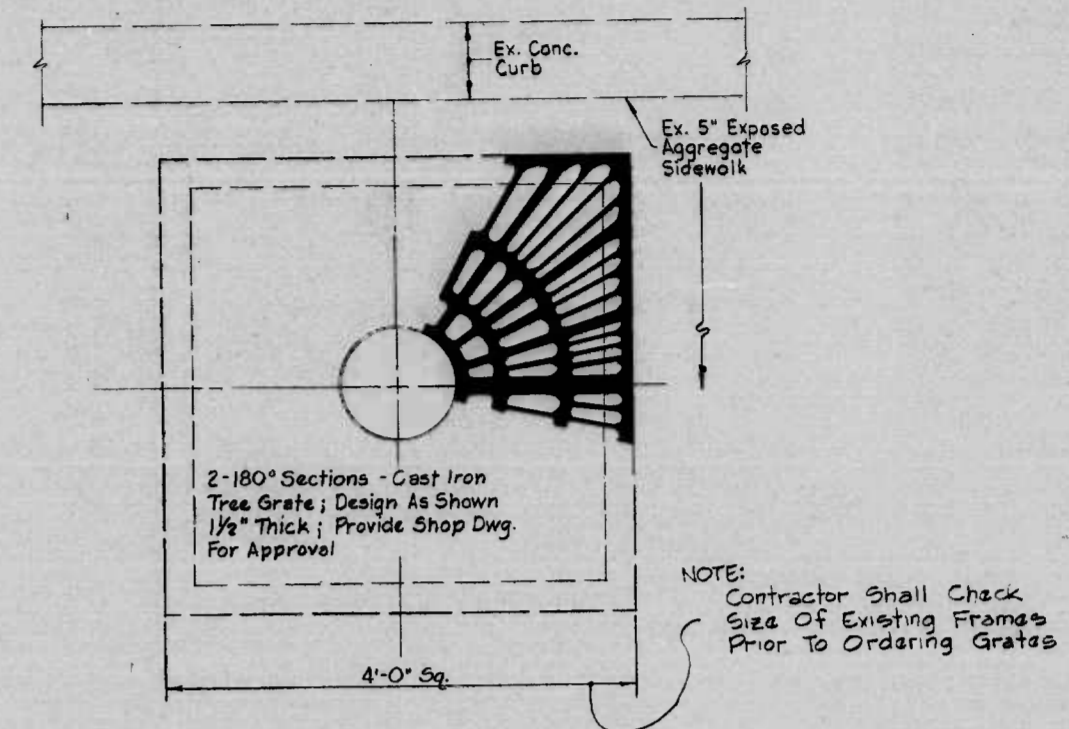
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-8	(25)



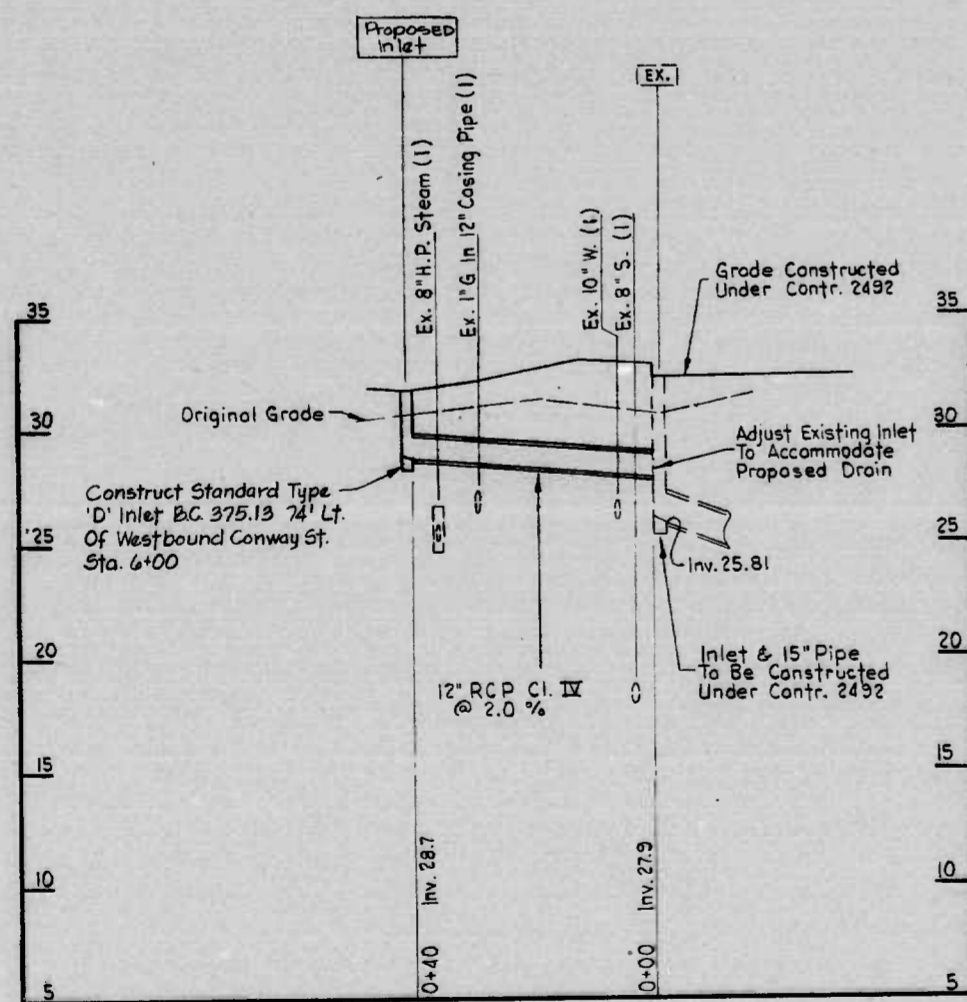
PEDESTRIAN RAMP
Not To Scale



TREE GRATE AND FRAME TYPE 'A'
Not To Scale



TREE GRATE TYPE 'B'
Not To Scale



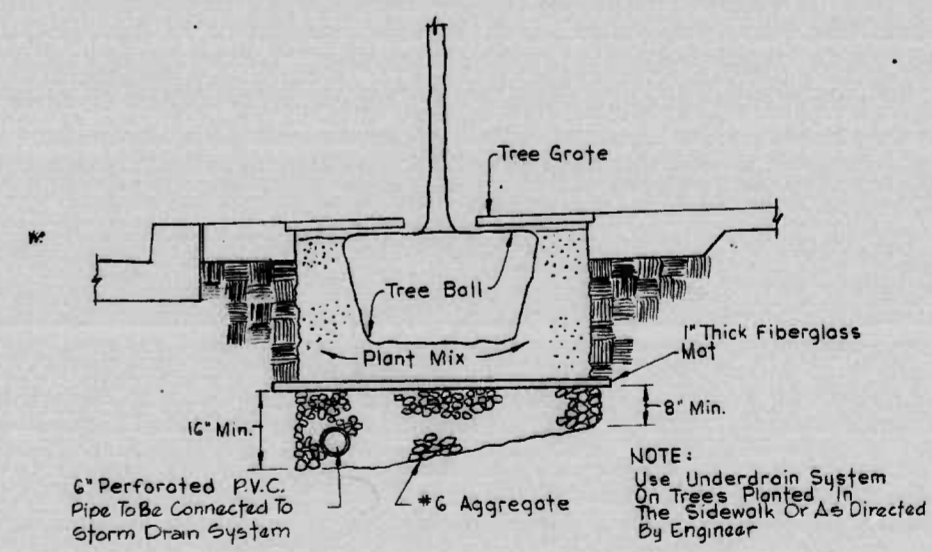
CONWAY ST. AT OTTERBEIN CHURCH

Scale: Horiz. 1" = 20'
Vert. 1" = 5'

(1) EXISTING UTILITY TO REMAIN IN SERVICE

LANDSCAPE ARCHITECTS
HARRY WEESE & ASSOCIATES

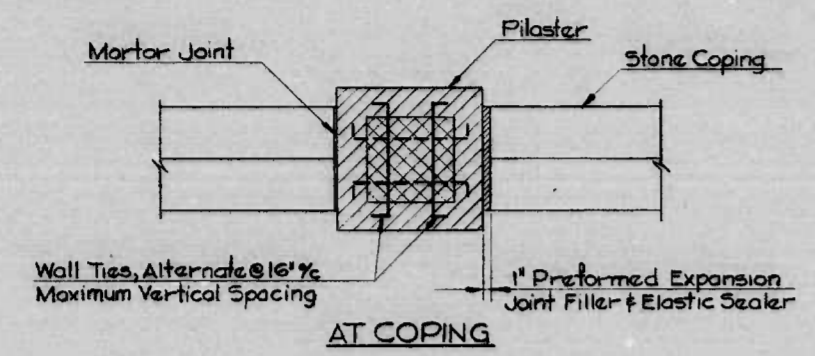
REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING MISC. DETAILS AND STORM DRAIN PROFILE	DRAWN BY: TJA / FWS TRACED BY: TJA / FWS F.A.P. NO.: M-3579(3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 252 ²
		SCALE: _____ DATE: _____	DES. BY: JAR JR. CHK. BY: ERS SHEET NO. A-8 OF A-11



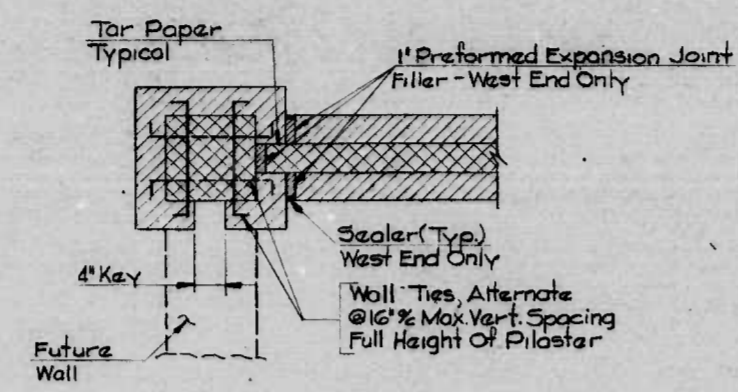
TREE UNDERDRAIN
Not To Scale

K&E BALTIMORE 19 1183 HERCULENE MC7884

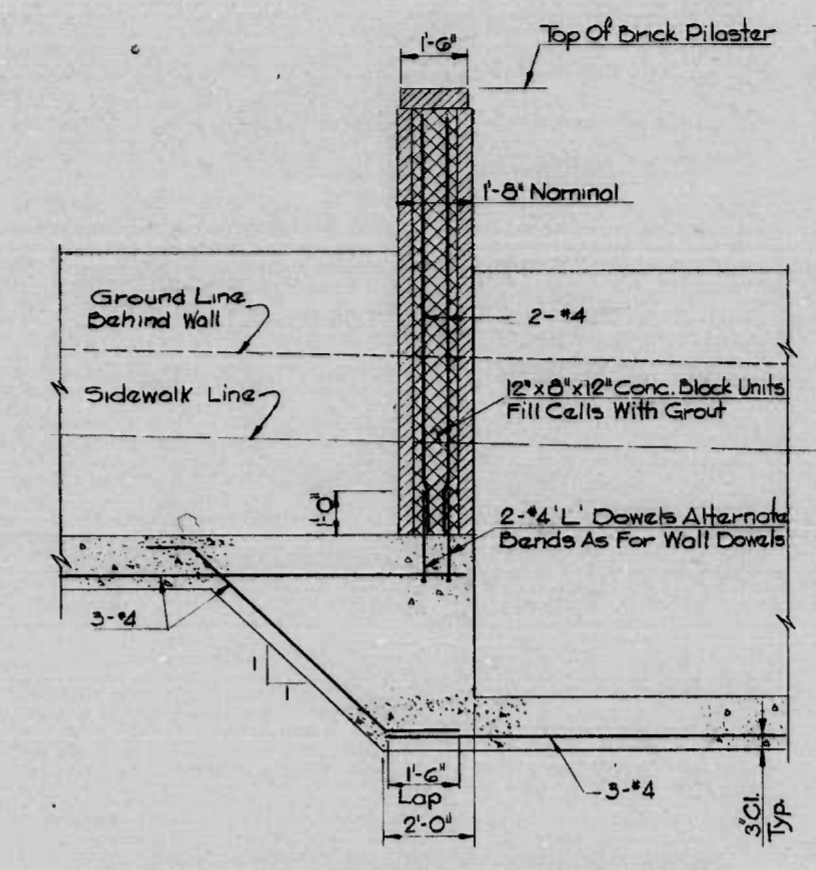
FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	A-9	A-11 (25)



AT COPING

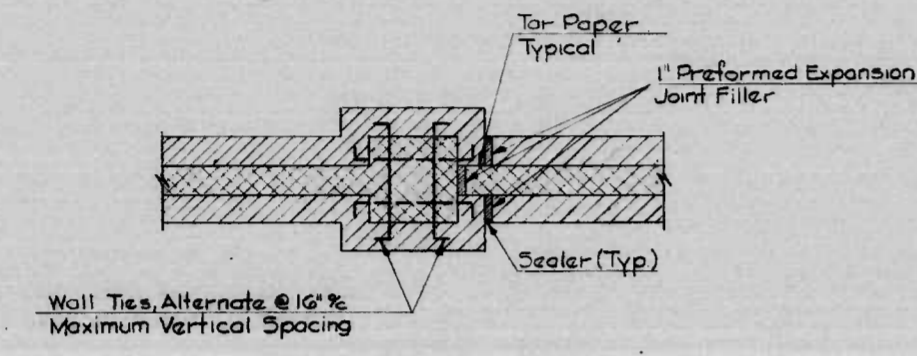


ABOVE GROUND LINE

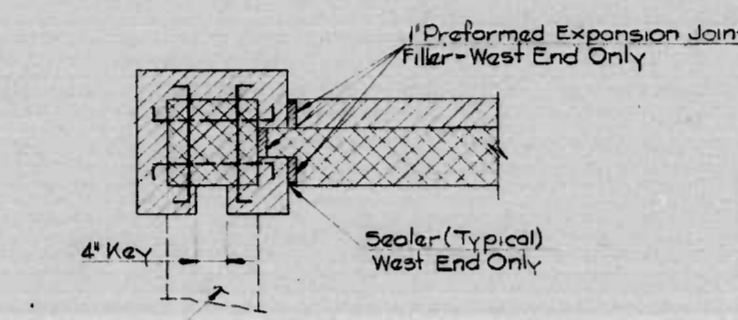


TYPICAL PILASTER & FOOTING STEP

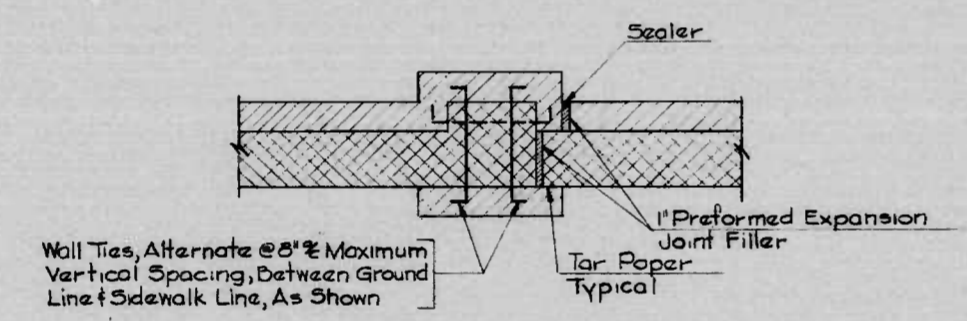
Scale: 3/8" = 1'-0"



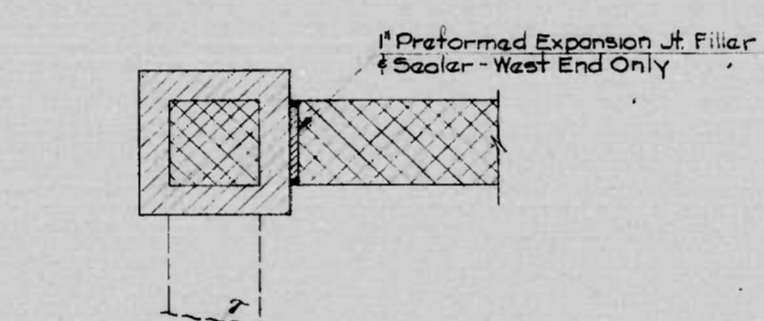
ABOVE GROUND LINE



BELOW GROUND LINE



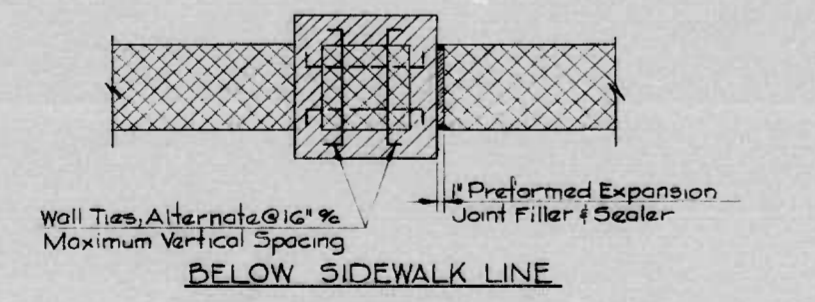
BELOW GROUND LINE



BELOW SIDEWALK LINE

DETAIL PLAN @ CORNER PILASTER

Scale: 3/8" = 1'-0"



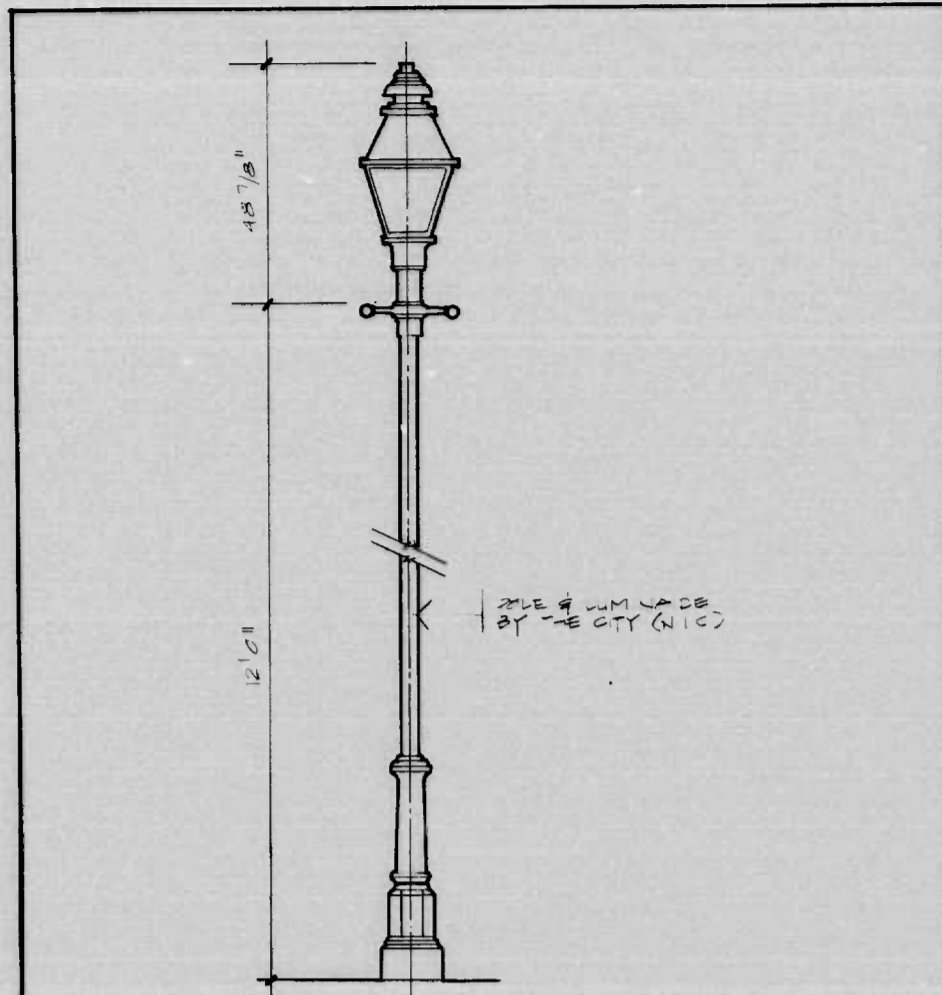
BELOW SIDEWALK LINE

DETAIL PLAN @ INTERMEDIATE PILASTER

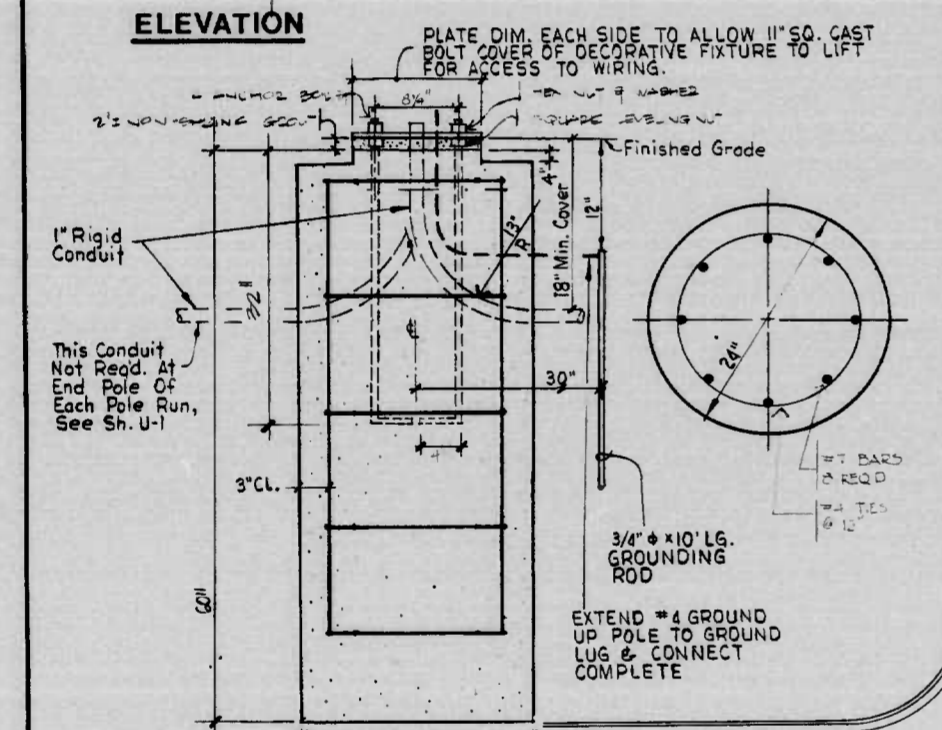
Scale: 3/8" = 1'-0"

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET DETAILS - WALL 'B'	DRAWN BY: D.L.S. TRACED BY: D.L.S. F.A.P. NO. M-3579(3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 2525
		SCALE: AS NOTED	DES. BY: T. Von R. CHK. BY: T. Von R. SHEET NO. A-9 OF A-11

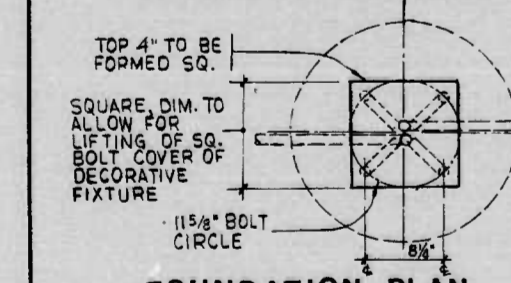
FHWA REGION	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	L-2	L-6 (25)



ELEVATION

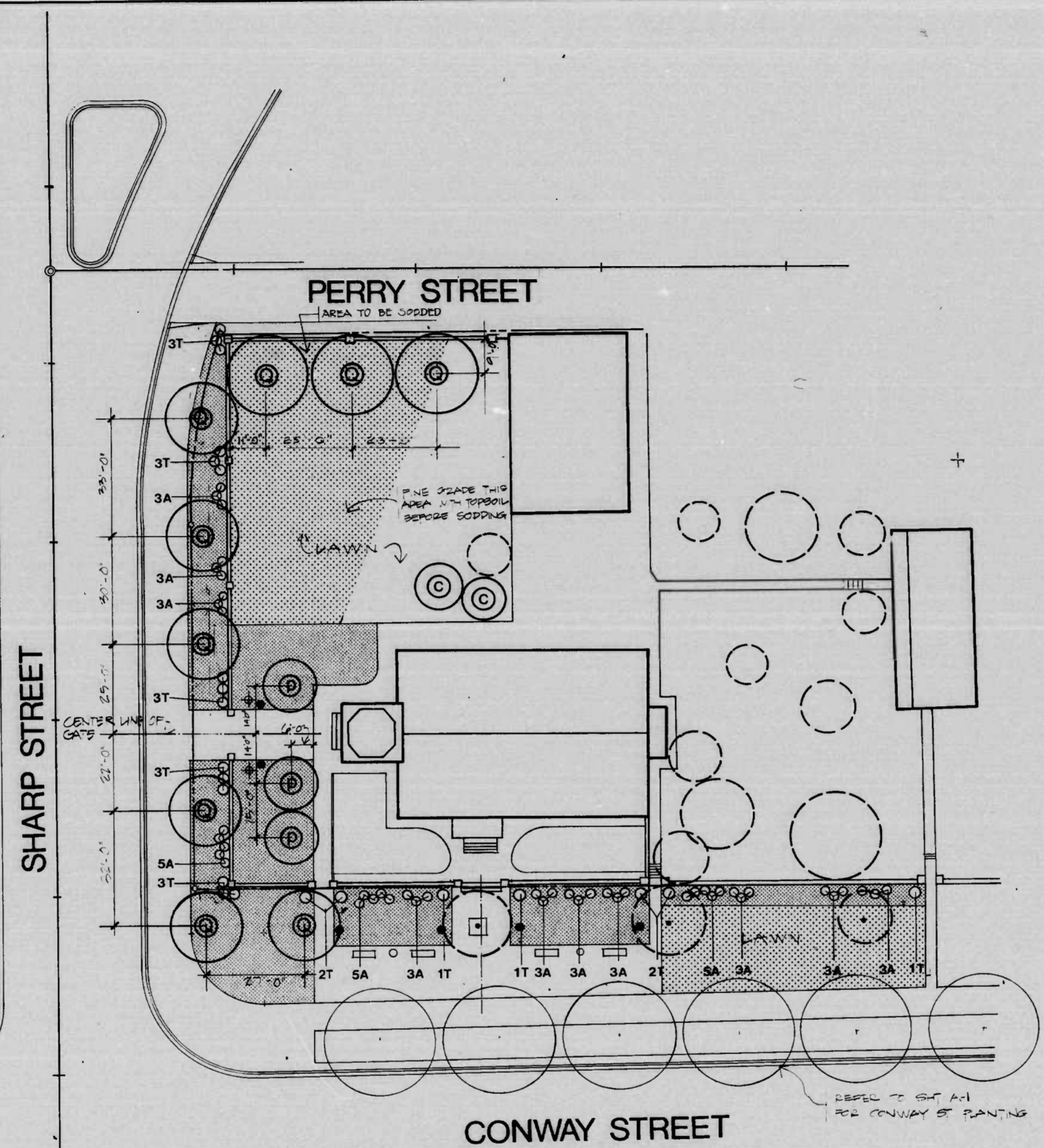


FOUNDATION SECTION



FOUNDATION PLAN

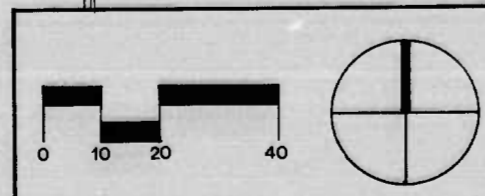
D DECORATIVE LIGHT FIXTURE
L2 1" = 1' 0"



PLANT LIST

CODE	BOTANICAL/COMMON NAME	QUANTITY	SIZE	ROOTS	NOTES
Q	Quercus palustris 'Crownright' 'Crownright' Pin Oak	9	4 1/2-5" cal. 16-18' hgt.	B&E	MATCHED SPECIMEN
P	Chionodoxa Virginica White Fringe Tree	3	3 1/2-4" cal. 8-8' hgt.	B&E	MATCHED SPECIMEN
C	Crataegus oxycantha 'SUPERBA' 'CRIMSON CLOUD' Hawthorn	2	3-3 1/2" cal. 10-12' hgt.	B&E	MATCHED SPECIMEN
T	Taxus media hatfieldii Hatfield Yew	22	3-3 1/2" cal.	B&E	SPECIMEN GRADED
A	Pieris japonica Japanese Andromeda	45	3-3 1/2" cal.	B&E	SPECIMEN GRADED
	Hedera helix baltica Baltic English Ivy	14870	2-8 RUNNERS MIN. 8" OC.	3' HITS	
	SODDING	512 SY			
	MULCH	655 SY			
	PLANT MIX/TOP SOIL (2' DEPTH)	227 SY			
	WATER (EST. TOTAL FOR ENTIRE JOB - 6 WATERINGS)	916 Y. GAL.			

PLANTING PLAN AND DETAILS



LAND DESIGN/RESEARCH, INC.
LANDSCAPE ARCHITECTS
COLUMBIA, MARYLAND

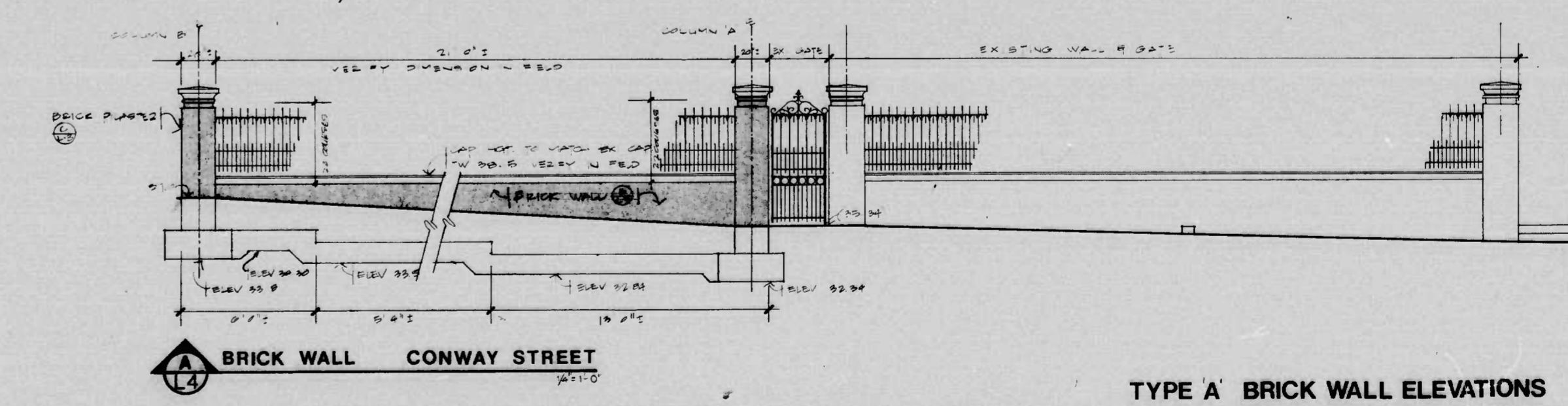
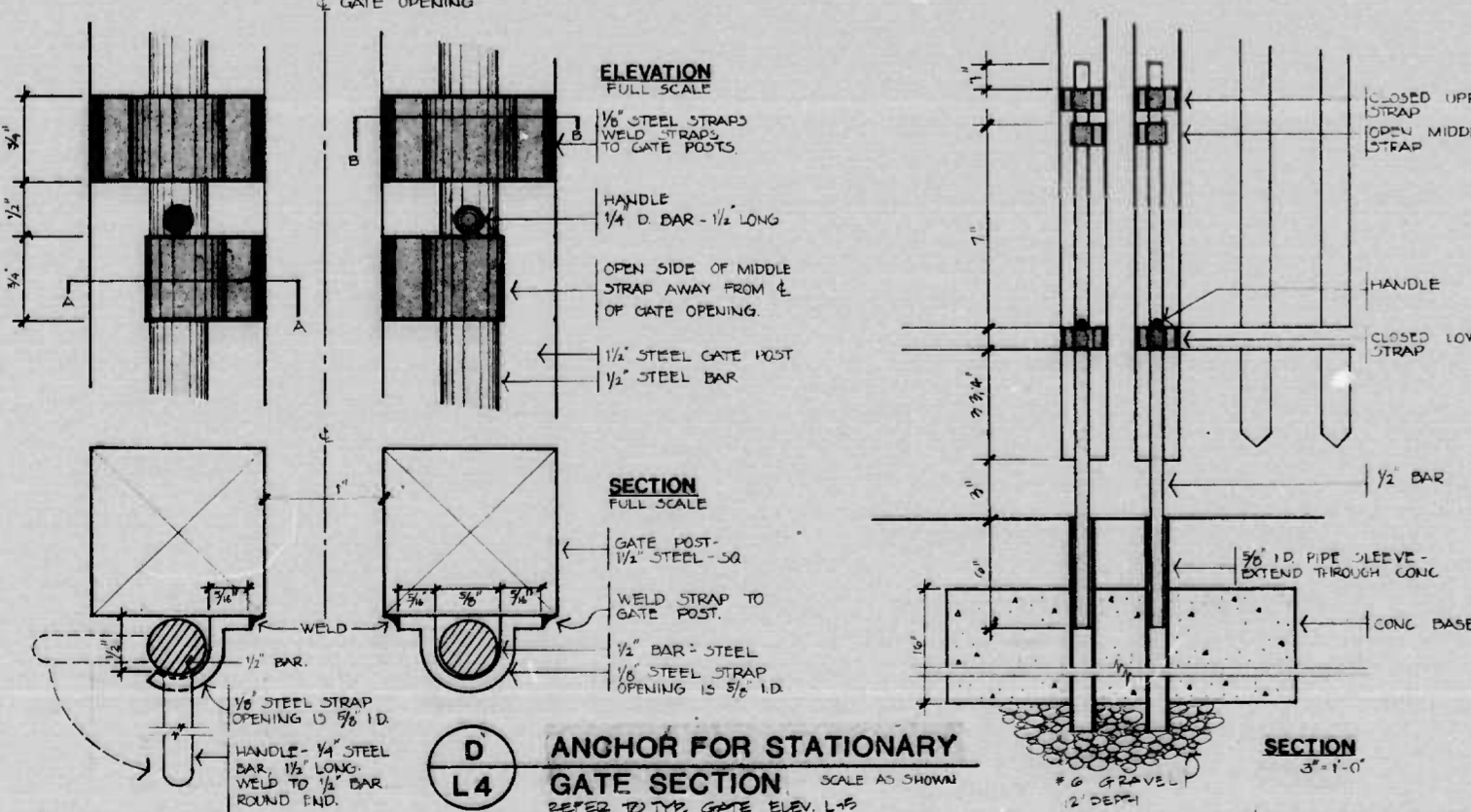
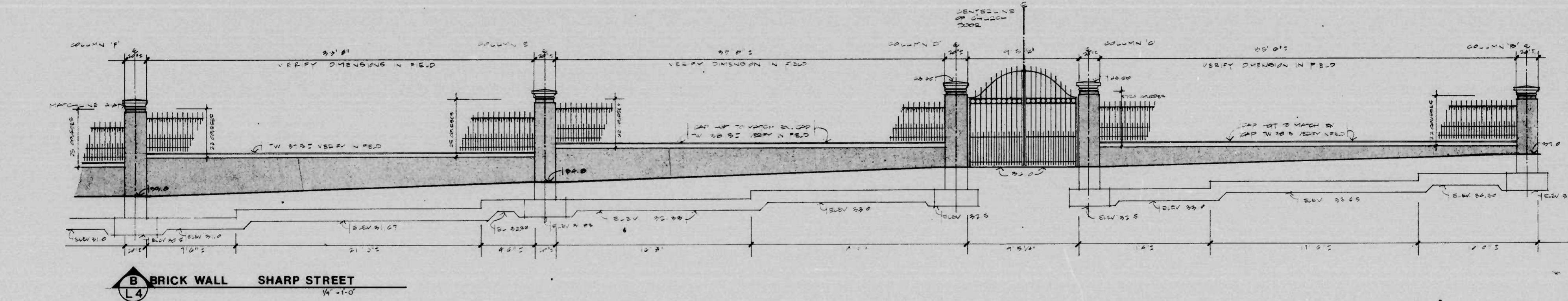
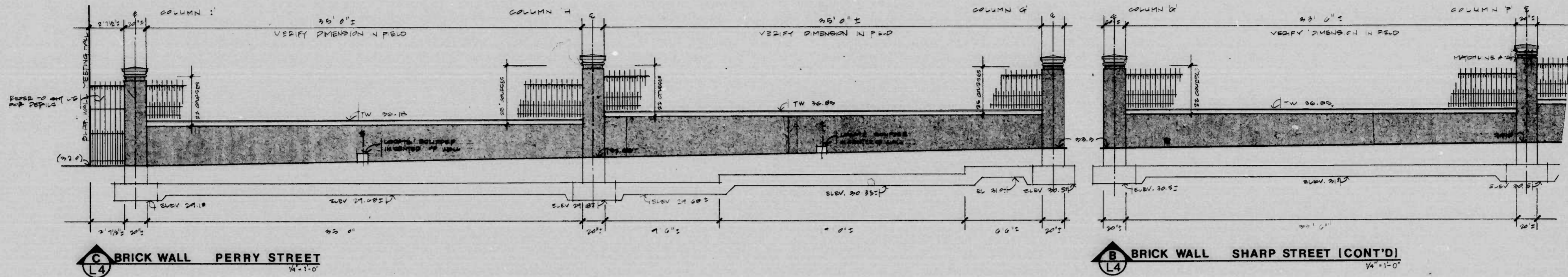
REVISIONS
CONSULTANT
RUMMEL, KLEPPER & KAHL
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
CONWAY STREET LANDSCAPING
SHARP STREET - LIGHT STREET
S.C.A. E. AS SHOWN

STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
DRAWN BY T.R.E.
TRACED BY T.R.E.
F.A.P. NO. M-3579 (3)
S.H.A. NO. BC 231-29-815
BALTO. CITY NO. 2525
DES. BY J.O.U.
CHK. BY J.H.S.
SHEET NO.
L-2 of L-6

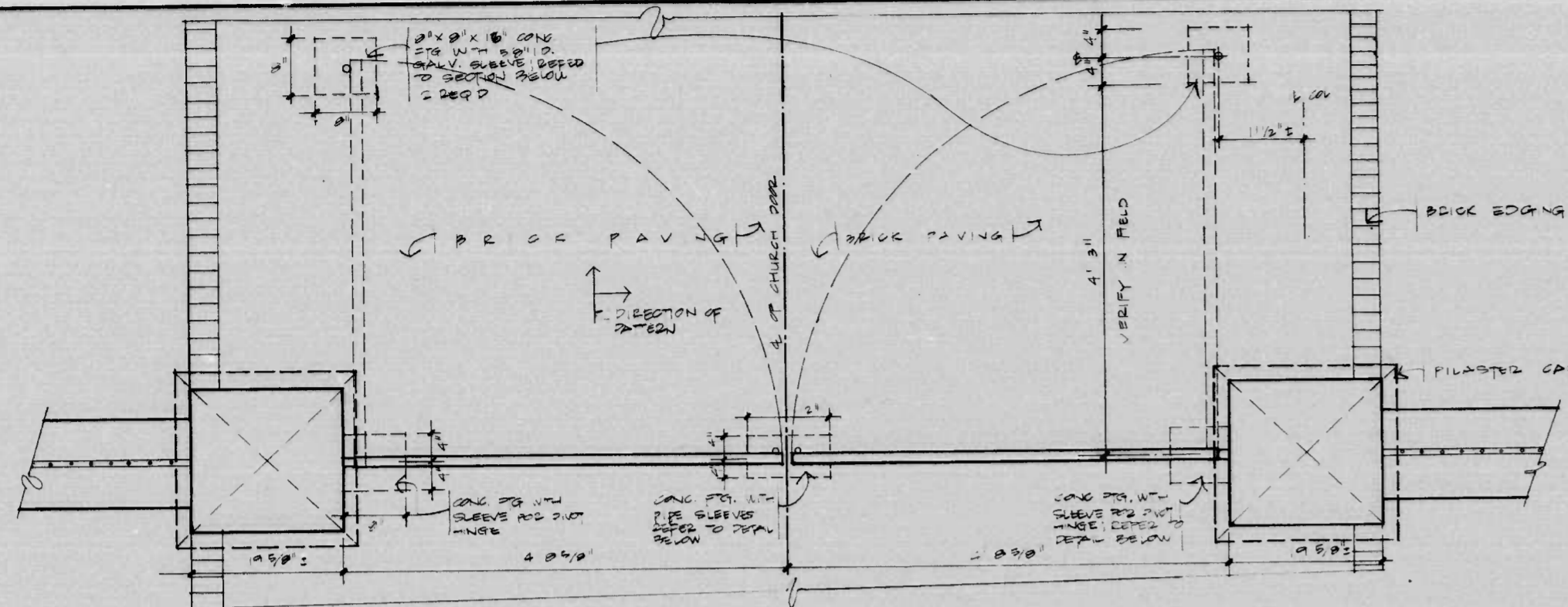
DATE: 5 23 79

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	L-4	(25)

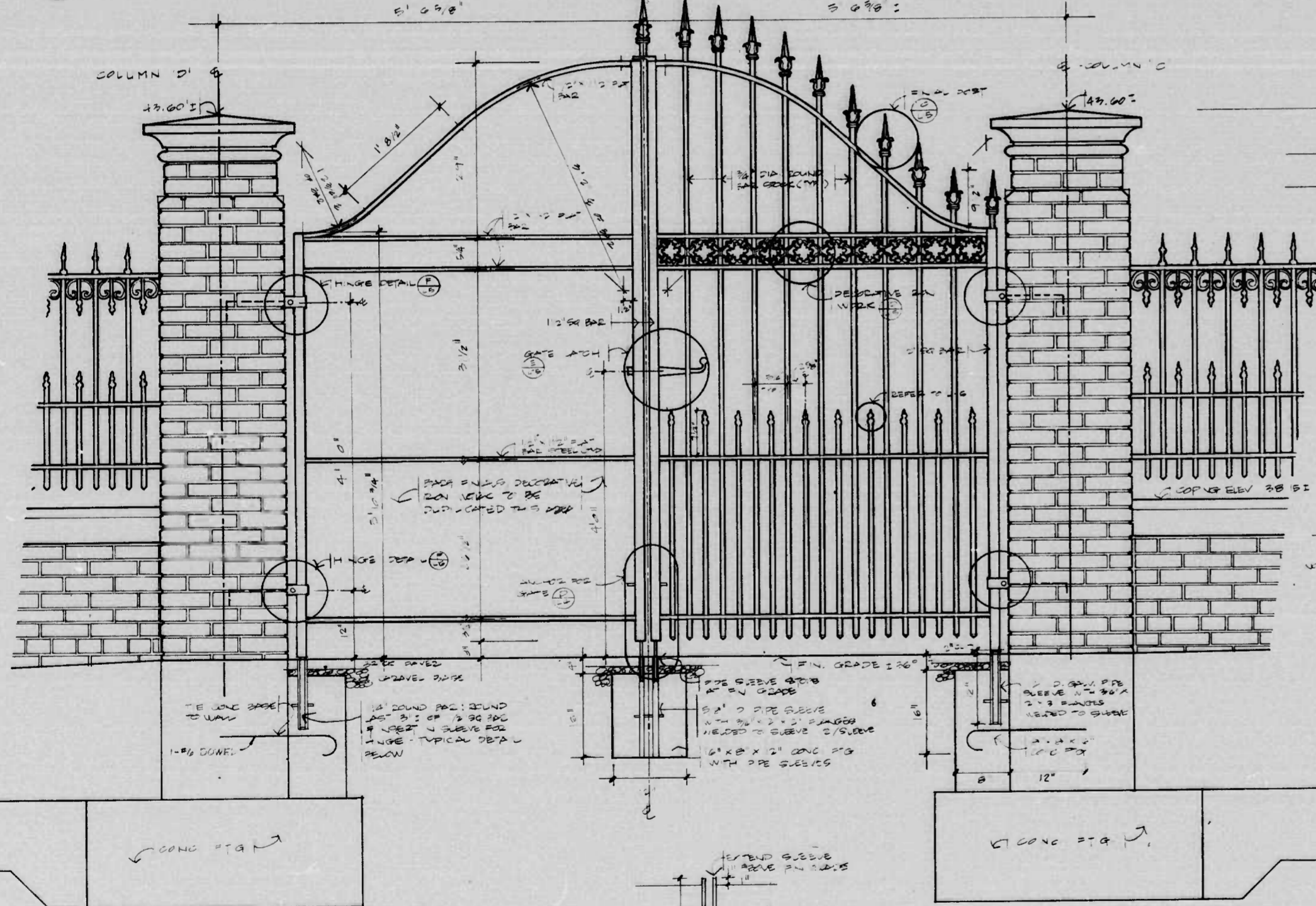


REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMMEL, KLEPPER & KAHL	CONWAY STREET LANDSCAPING	SHARP STREET & LIGHT STREET
	CONSULTING ENGINEERS	SCALE: AS SHOWN	DATE: 5.23.78
	BALTIMORE, MARYLAND	DRAWN BY: [Signature]	DES. BY: [Signature]
		TRACED BY: [Signature]	CHK. BY: [Signature]
		F.A.P. NO. M-3579 (3)	SHEET NO. L-4 of L-6
		S.H.A. NO. BC 231-7-815	
		BALTO. CITY NO. 2525	

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	L-5	L-6 (25)

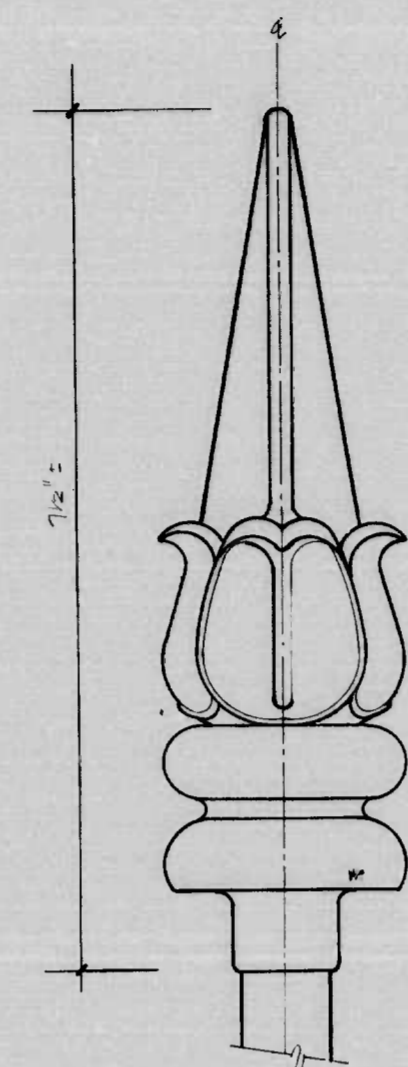


A
L5
TYPICAL GATE PLAN
1/4"=1'-0"

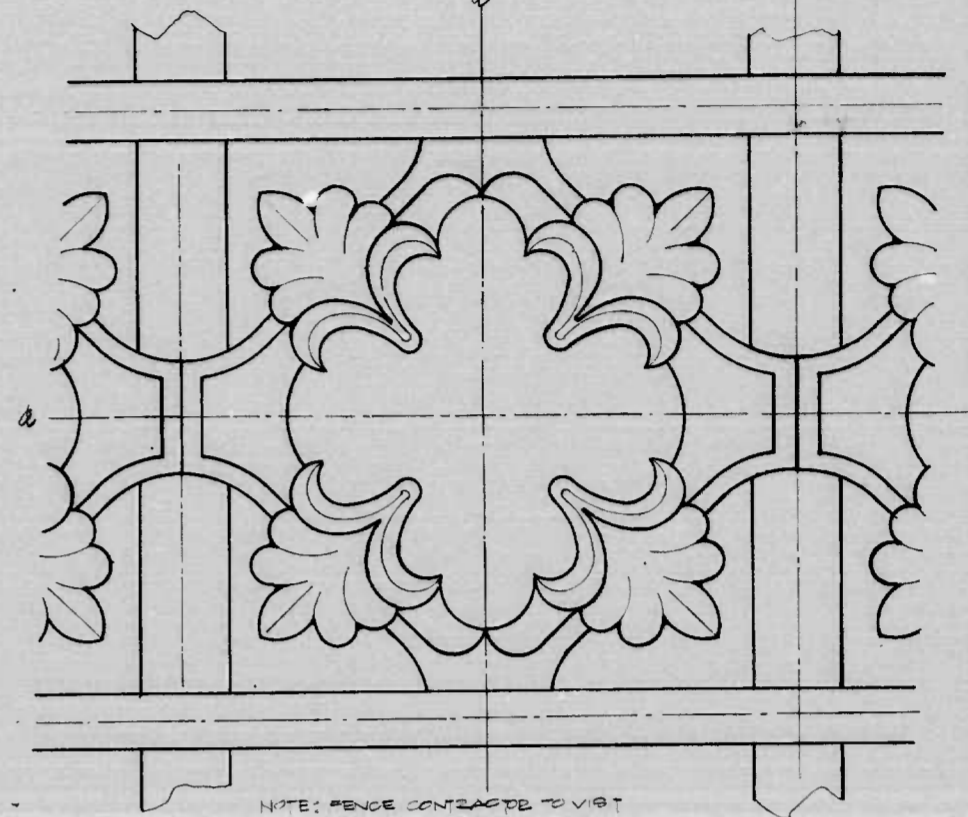


B
L5
TYPICAL GATE ELEVATION
1/4"=1'-0"

PIPE SLEEVE HINGE
NO SCALE

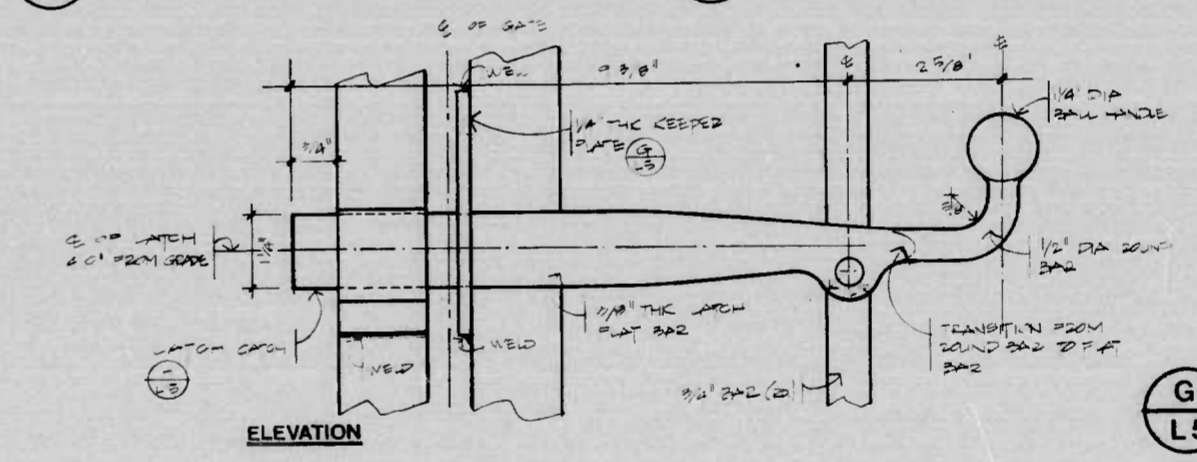


C
L5
FINIAL POST-GATE
FULL SCALE



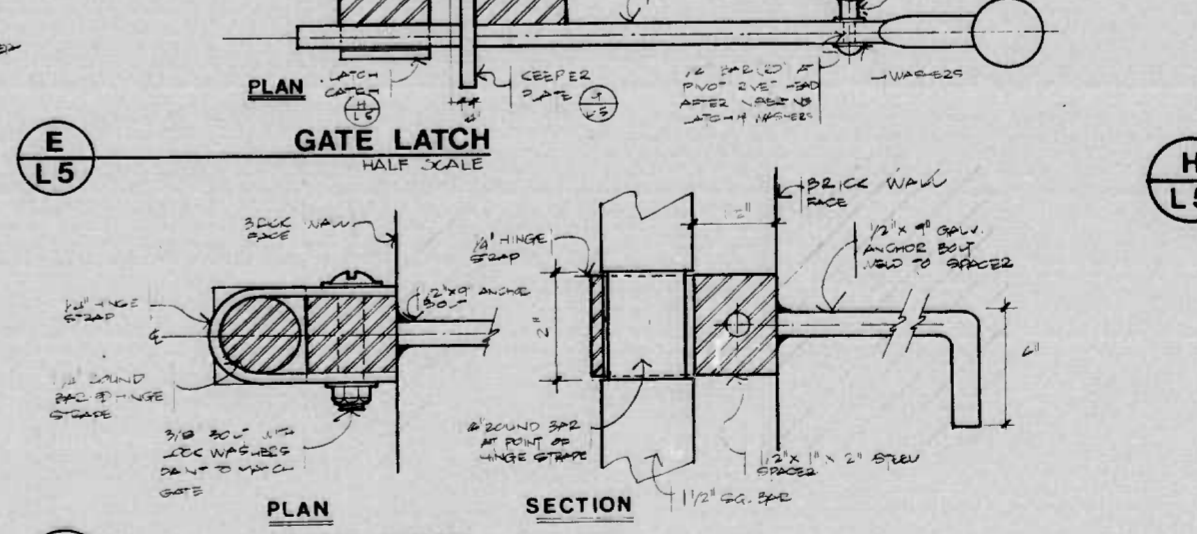
D
L5
DECORATIVE IRON WORK-GATE
FULL SCALE

NOTE: FENCE CONTRACTOR TO VISIT SITE TO VERIFY ALL DETAILS IN FIELD



E
L5
GATE LATCH
HALF SCALE

G
L5
LATCH KEEPER
FULL SCALE

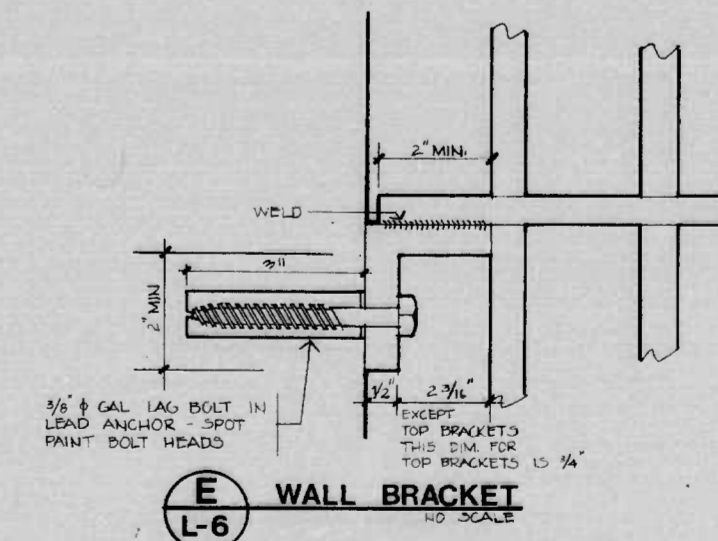
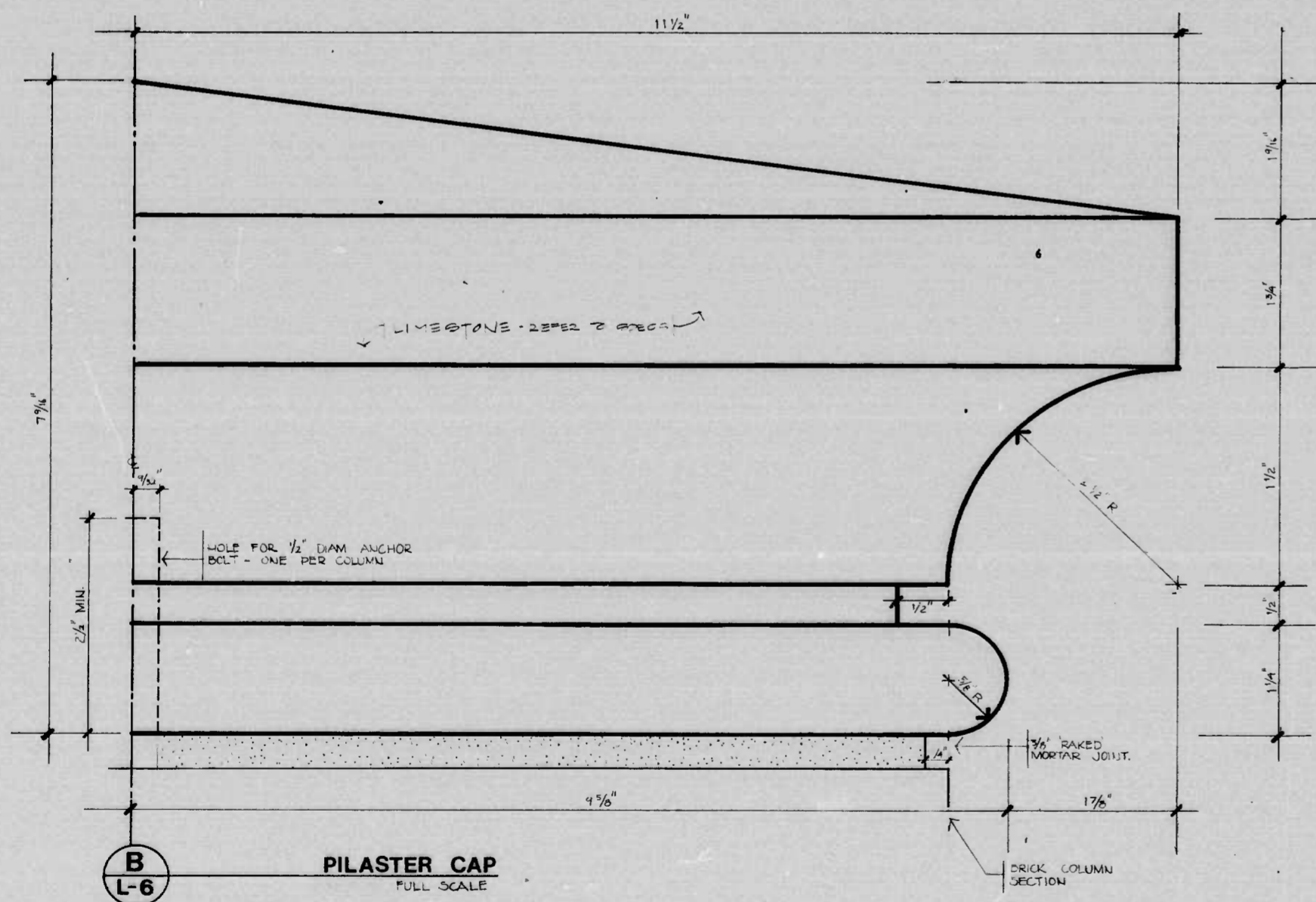
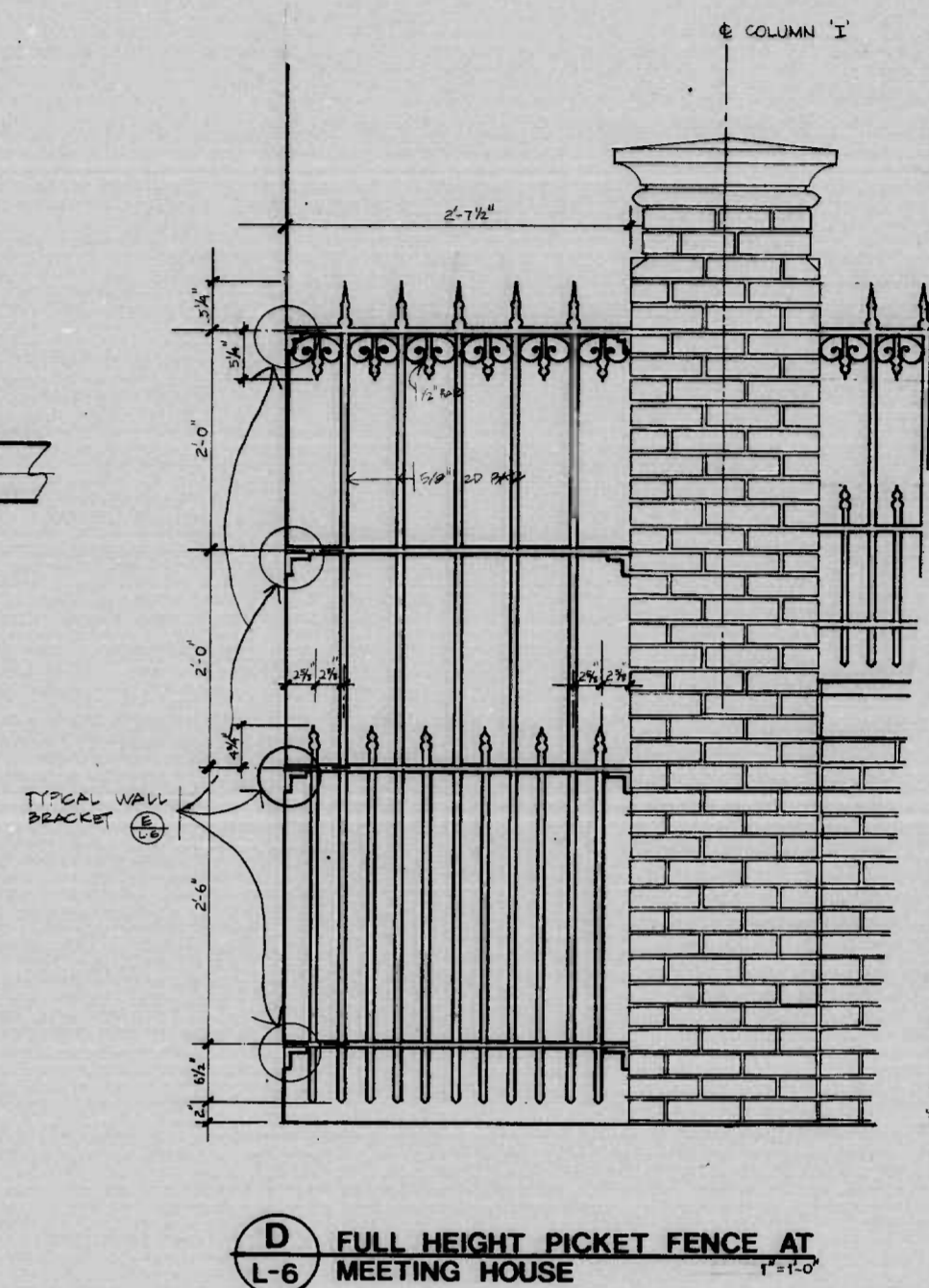
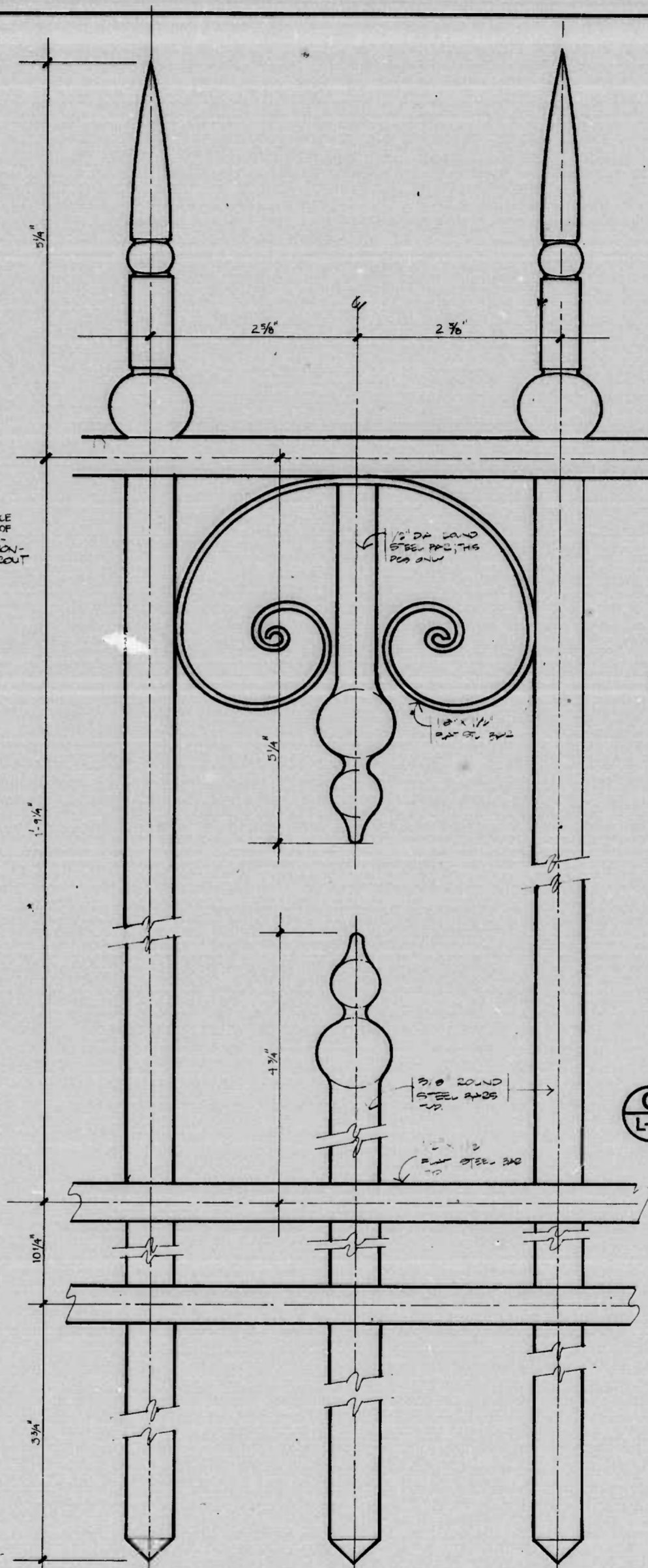
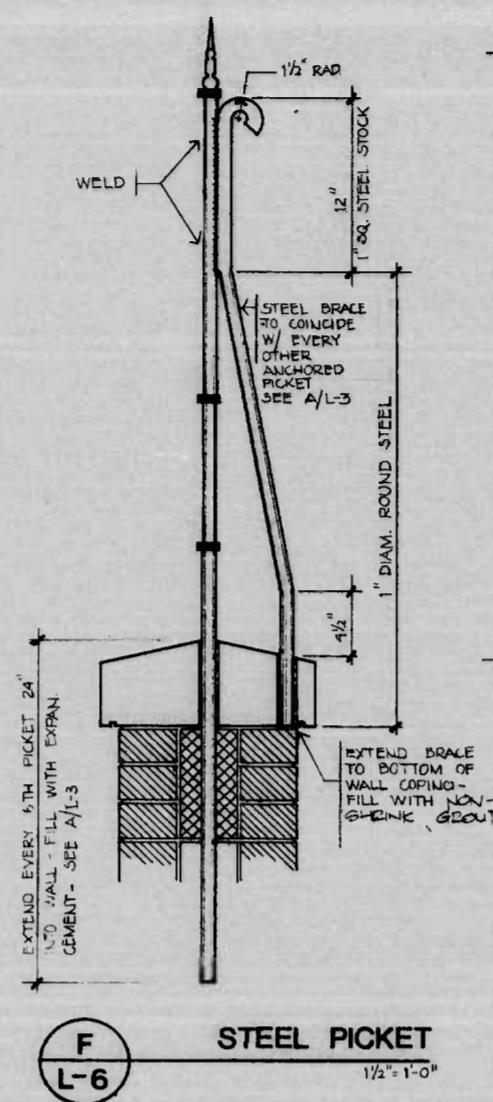
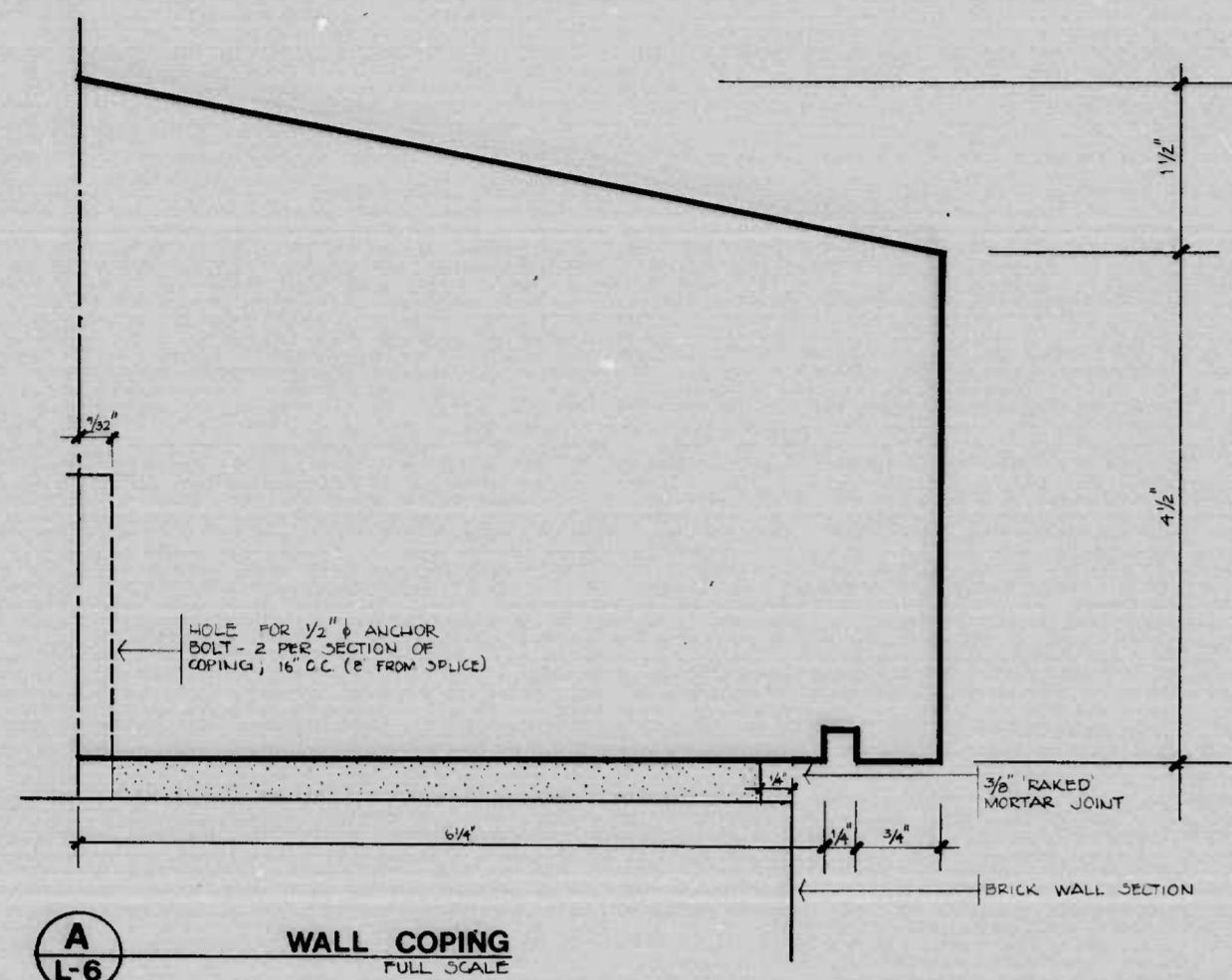


F
L5
GATE HINGE
HALF SCALE

H
L5
LATCH CATCH
HALF SCALE

LAND DESIGN/RESEARCH, INC. LANDSCAPE ARCHITECTS COLUMBIA, MARYLAND	REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
		RUMMEL; KLEPPER & KAHL	CONWAY STREET LANDSCAPING	SHARP STREET - LIGHT STREET
		CONSULTING ENGINEERS BALTIMORE, MARYLAND	SCALE: AS SHOWN	DATE: 5 23 79
			DRAWN BY: EHS TRACED BY: EHS F.A.P. NO. M-3579(3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 2525	DES. BY: EHS CHK. BY: EHS SHEET NO. L5 OF L6

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	L-6	(25)



LAND DESIGN/RESEARCH, INC. LANDSCAPE ARCHITECTS COLUMBIA, MARYLAND	REVISIONS	CONSULTANT RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
			CONWAY STREET LANDSCAPING SHARP STREET LIGHT STREET SCALE: AS SHOWN	DATE: 5.23.79
			DRAWN BY: [Signature] TRACED BY: [Signature] F.A.P. NO. M-3579 (3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 2525	DES. BY: [Signature] CHK. BY: [Signature] SHEET NO. L-6 of L-6

SUMMARY OF QUANTITIES

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	Q-1	Q-1 (25)

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
PRELIMINARY ITEMS								
101	ENGINEER'S FACILITIES	L.S.	L.S.	L.S.		L.S.		LUMP SUM
102	MAINTENANCE OF TRAFFIC	L.S.	L.S.	L.S.		L.S.		LUMP SUM
103	TEMPORARY PAVEMENT MARKING TAPE	L.F.	250			250		250
104	SHEET ALUMINUM FOR SIGNING	S.F.	38	38		76		76
105	TEMPORARY PRECAST CONCRETE BARRIER	L.F.	160			160		160
106	REMOVE & RESET TEMPORARY PRECAST CONCRETE BARRIERS	L.F.		60		60		60
107	REMOVAL OF PAVEMENT MARKINGS	L.F.	250			250		250
108	CONSTRUCTION STAKEOUT	L.S.	L.S.	L.S.		L.S.		LUMP SUM
109	MOBILIZATION	L.S.	L.S.	L.S.		L.S.		LUMP SUM
110	ON THE JOB TRAINING	HRS.	1,000					1,000

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
GRADING ITEMS								
201	CLASS 1 EXCAVATION	C.Y.	11			11	11	30
202	BORROW EXCAVATION	C.Y.	374			374		400
203	CONTINGENT BORROW EXCAVATION	C.Y.	50				50	50
204	CONTINGENT SELECT BORROW EXCAVATION	C.Y.	40				40	40
205	TEST PIT EXCAVATION	C.Y.	4	1		5	5	5
206	REMOVAL OF EXISTING MASONRY	C.Y.	20			20	5	25

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
DRAINAGE								
301	CONTINGENT CLASS 3 EXCAVATION FOR INCIDENTAL CONSTRUCTION	C.Y.	20	10		30	30	30
302	CONTINGENT SELECTED BACKFILL USING NO. 6 AGGREGATE	C.Y.	30			30	30	30
303	CONTINGENT SELECTED BACKFILL USING CRUSHER RUN CR-6	C.Y.	30			30	30	30
304	12 IN. RC PIPE CLASS 4	L.F.	40			40		40
305	BULKHEAD ABANDON EXISTING STORM DRAINS	C.Y.	1			1	1	1
306	STANDARD TYPE 'D' INLET	EA.	1			1	1	1
307	CONTINGENT ORDINARY BRICK MASONRY FOR MISC. STRUCTURES	C.Y.	1			1	1	1
308	CONTINGENT SEWER BRICK MASONRY	C.Y.	1			1	1	1
309	CONTINGENT UTILITY TRENCH UNDERDRAIN	L.F.	100			100	100	100
310	CONTINGENT 6 IN. PERF. CIRC. PIPE LONGITUDINAL UNDERDRAIN	L.F.	400			400	400	400
311	CONTINGENT 6 IN. PERFORATED CIRCULAR PIPE UNDERDRAIN	L.F.	100			100	100	100
312	CONTINGENT 6 IN. CIRCULAR PIPE UNDERDRAIN OUTLET	L.F.	100			100	100	100
313	CONTINGENT AGGREGATE BACKFILL FOR UNDERDRAINS	C.Y.	30			30	30	30

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
STRUCTURE ITEMS								
401	REMOVAL OF PORTION OF EXISTING WALL	C.Y.	3			3	2	5
402	TYPE A SCREEN WALL AND PICKET FENCE	L.F.	188.7	73.3		242		242
403	STEEL GATE AT UTTERBEIN CHURCH	L.S.	L.S.			L.S.		LUMP SUM
404	SCREEN WALL B	L.S.	L.S.			L.S.		LUMP SUM
405	SCREEN WALL C	L.S.	L.S.			L.S.		LUMP SUM
406	SUBFOUNDATION CONCRETE FOR SCREEN WALLS	C.Y.	8	2		10	10	10
407	TRACKWORK	L.S.	L.S.			L.S.		LUMP SUM

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
PAVEMENT ITEMS								
501	6 IN. SUB-BASE, USING CRUSHER RUN	S.Y.	309			309	0.7	325
502	BITUMINOUS CONCRETE USING BAND SN/STONE	TONS	5.3			5.3	0.7	6
503	BITUMINOUS CONCRETE USING BAND B1	TONS	5.3			5.3	0.7	6

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
SHOULDER ITEMS								
601	BITUMINOUS CONCRETE CURB	L.F.	19			19		20
602	STANDARD TYPE A CURB 8 IN. x 17 IN.	L.F.	30			30		30
603	EXPOSED AGGREGATE SIDEWALK	S.F.	12,000	2,200		14,200		14,200
604	BRICK PAVING	S.F.	2,205			2,205		2,205
605	BRICK SPLASH STRIP	S.F.	5,833			5,833		5,833
606	BRICK BORDER STRIP	S.F.	1,651			1,651		1,670
607	TREE PIT CURBING	S.F.	921			921		950
608	CONCRETE TRASH RECEPTACLE & BASE	EA.	2			2		2

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
LANDSCAPING ITEMS								
701	TOPSOIL FURNISHED & PLACED 4 IN. DEPTH	S.Y.	2,818			400	3,218	3,400
702	SODDING	S.Y.	2,183			400	2,583	2,700
703	WATERING	M.G.	82			10	92	92
704	MULCHING MATERIAL 2 IN. DEPTH	S.Y.	635				635	635
705	WOOD BENCHES	EA.	4				4	4
706	CRATAEGUS OXYCANTHA SUPERBA 10-12 FT. HT. 3-3-1/2 IN. CAL. B & B	EA.	2				2	2
707	HEDERA HELIX BALTICA 2-8 IN. PLANNERS 3 IN. POTS	EA.	14,870				14,870	14,870
708	PIERIS JAPONICA 3 - 3-1/2 FT. HT. B & B	EA.	45				45	45
709	CHIONANTHUS VIRGINICUS 6-8 FT. HT.	EA.				3	3	3
710	QUERCUS PALUSTRIS 'CROWNRIGHT' 14-18 FT. HT. 4-4-1/2 IN. CAL. B & B	EA.	85			3	88	88
711	TAXUS MEDIA HATFIELDI 1 3 - 3-1/2 FT. HT. B & B	EA.	22				22	22
712	TREE GRATE AND FRAME TYPE 'A'	EA.	24				24	24
713	TREE GRATE TYPE 'B'	EA.	10				10	10
714	SAFETY FENCING FOR SEDIMENT DEVICES	L.F.	100				100	100
715	STRAW BALES	EA.	100				100	100
716	SEDIMENT TRAP EXCAVATION	C.Y.	30				30	30
717	SEDIMENT TRAP CLEANOUT	C.Y.	30				30	30

NO.	ITEM	UNIT	URBAN	C.C.I.H.	NON-PART.	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
UTILITY ITEMS								
801	TYPE Y DUCT SECTION 1-3 IN. I.D.	L.F.	25				25	30
802	TYPE Z DUCT 1-1 IN. I.D. RIGID GALV. STEEL PIPE CONDUIT	L.F.	170				170	170
803	NO. 12 A.W.G. TYPE THIN/THIN STD. COPPER WIRE	L.F.	700				700	700
804	DRIVEN GROUND ROD 3/4 IN. ROUND	EA.	7				7	7
805	SERVICE ENTRANCE PANEL	EA.	1				1	1
806	BULKHEAD EXISTING UTILITIES	C.Y.	1				1	1
807	ADJUST EXISTING UTILITY SURFACE FEATURE TO PROJECT FINISHED GRADE	EA.	35				35	35
808	DECORATIVE LIGHTING POLE FOUNDATION	EA.	6				6	6
809	DECORATIVE LIGHTING FIXTURES. PICK UP, INSTALL AND TEST	EA.	6				6	6

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMMEL, KLEPPER & KAHL	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET	
	CONSULTING ENGINEERS BALTIMORE, MARYLAND	SUMMARY OF QUANTITIES	
		DRAWN BY C.E.B. TRACED BY C.E.B.	DES. BY JAR. CHK. BY JAR/HMH
		F.A.P. NO. M-3579 (3)	SHEET NO. Q-1 of Q-1
		S.H.A. NO. BC 231-29-815	
		BALTO. CITY NO. 2525	

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M 3579 (3)	T-2	T-5 (25)

BM # 8558 ELEV. 34.918
 □ Cut in S.W. Corner Of Bottom Stone Step, Entrance To Otterbein Church, North Side Of Conway St., 90' East Of Sharp St.

GENERAL ABBREVIATIONS

- S.H.A. - STATE HIGHWAY ADMINISTRATION
- I.D.B.C. - INTERSTATE DIVISION FOR BALTIMORE CITY
- M.T.A. - METROPOLITAN TRANSIT AUTHORITY
- D.P.W. - DEPARTMENT OF PUBLIC WORKS
- N.B.R. - NORTHBOUND ROADWAY
- S.B.R. - SOUTHBOUND ROADWAY
- P.C. - POINT OF CURVATURE
- P.T. - POINT OF TANGENCY
- P.D.C. - POINT ON CURVE
- P.O.T. - POINT ON TANGENT
- P.R.C. - POINT OF REVERSING CURVATURE
- P.C.C. - POINT OF COMPOUND CURVATURE
- STA. - STATION
- Δ - DEFLECTION ANGLE
- D - DEGREE OF CURVE
- R - RADIUS
- T - TANGENT LENGTH
- L - LENGTH OF CURVE
- E - EXTERNAL
- L.C. - LENGTH OF CHORD
- P.V.C. - POINT OF VERTICAL CURVATURE
- P.V.I. - POINT OF VERTICAL INTERSECTION
- P.V.T. - POINT OF VERTICAL TANGENCY
- V.C.L. - VERTICAL CURVE LENGTH
- C.M.U. - CONCRETE MASONRY UNIT
- S.S.D. - STOPPING SIGHT DISTANCE
- H.S.D. - HEADLIGHT SIGHT DISTANCE
- S/E - SUPERELEVATION
- CL - CENTER LINE
- B.L. - BASE LINE
- R.W. - RIGHT OF WAY
- P.G.L. - PROFILE GRADE LINE
- P.G.I. - PROFILE GROUND LINE
- P.C. - POINT OF CURVE
- P.R. - POINT OF ROTATION
- P.G.E. - PROFILE GRADE ELEVATION
- Elev. El. - ELEVATION
- B.M. - BENCH MARK
- Shi. BC - BALTIMORE CITY STANDARD
- R.C.P. - REINFORCED CONCRETE PIPE
- S.P.P.A. - STRUCTURAL PLATE PIPE ARCH
- S & M - SEED AND MULCH
- S.F. - SQUARE FEET
- L.F. - LINEAR FEET
- C.C.I.H. - CHARLES CENTER INNER HARBOR

EXPLANATORY NOTES AND REFERENCES

SPECIFICATIONS
 THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION ENTITLED, "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES AND INCIDENTAL STRUCTURES", DATED MARCH 1968, AND INTERSTATE DIVISION FOR BALTIMORE CITY SUPPLEMENT TO SPECIFICATIONS DATED SEPT. 1978 AND ANY AND ALL REVISIONS OR ADDITIONS THERETO AND THE SPECIAL PROVISIONS.

HORIZONTAL AND VERTICAL CONTROL
 THE HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT IS REFERENCED TO THE CITY OF BALTIMORE SURVEY CONTROL SYSTEM.

MAINTENANCE OF TRAFFIC AND UTILITY SERVICE
 SPECIAL ATTENTION IS DIRECTED TO THE REQUIREMENTS FOR MAINTENANCE OF TRAFFIC, AS SHOWN ON TRAFFIC CONTROL PLANS, AND UTILITY SERVICE DURING THE CONSTRUCTION OF THIS PROJECT. SEE SPECIAL PROVISIONS AND PLANS FOR CONSTRUCTION PHASES REQUIRED.

EXISTING UTILITIES
 EXISTING UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATIONS BY TEST PITS PRIOR TO COMMENCING WORK. THE NECESSARY RELOCATION AND OR ADJUSTMENT OF EXISTING UTILITIES WILL BE PERFORMED BY OTHERS UNLESS OTHERWISE PROVIDED FOR IN THE PROPOSAL OR SPECIAL PROVISIONS.

MATERIALS SALVAGED IN CONSTRUCTION
 ALL SALVABLE GRATES AND FRAMES AND COVERS FROM STORM WATER INLETS, FRAMES AND COVERS FROM STORM WATER MANHOLES, SANITARY SEWER MANHOLES AND WATER VALVE VAULTS SHALL BE SALVAGED AS BALTIMORE CITY PROPERTY AND SHALL BE STORED WITHIN A FENCED-IN AREA ON THE PROJECT SITE, AS DIRECTED BY THE ENGINEER AND PICKED UP BY THE CITY.

GRADING
 SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT NO GRADING MAY COMMENCE FOR THIS PROJECT UNTIL THE CONTRACTOR HAS AN APPROVED SEDIMENT AND EROSION CONTROL PLAN, AND THE LIMITS ARE STAKED IN THE FIELD AND APPROVED BY THE ENGINEER. NO CLEARING WILL BE ALLOWED BEYOND THE PROJECT LIMITS.

TRANSIT AND TRAFFIC
 THE CONTRACTOR SHALL NOTIFY THE BALTIMORE CITY DEPARTMENT OF TRANSIT AND TRAFFIC BEFORE BEGINNING ANY SIDEWALK CONSTRUCTION. TRANSIT AND TRAFFIC WILL SUPPLY 17 SLEEVES FOR FUTURE PLACEMENT AND WILL INDICATE THEIR LOCATIONS. THE CONTRACTOR SHALL INSTALL THE SLEEVES. THE COST FOR INSTALLING THE SLEEVES SHALL BE INCIDENTAL TO THE PRICE BID IN THE PROPOSAL FOR EXPOSED AGGREGATE SIDEWALK.

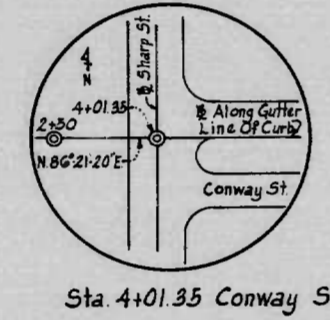
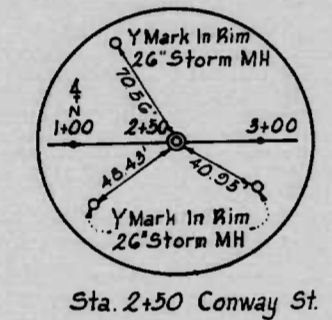
EROSION AND SEDIMENT CONTROL
 THE EXACT LOCATION AND TYPE OF SEDIMENT CONTROL DEVICES WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND THE EROSION AND SEDIMENT CONTROL OFFICER, I.D.B.C. THEY RESERVE THE RIGHT TO ORDER ADDITIONAL EROSION AND SEDIMENT DEVICES. SEE STD. NO. MD. 38B.01 .02 .11 .12 & .21

INVERT ELEVATIONS
 IF APPROVED BY THE ENGINEER, PROPOSED INVERT ELEVATIONS MAY BE MODIFIED TO MEET CONDITIONS ENCOUNTERED DURING INSTALLATION OF UNDERGROUND FACILITIES.

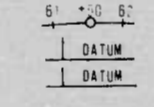
REMOVAL OF EXISTING PAVEMENT
 EXISTING PAVEMENT, CURBS, SIDEWALKS, INCLUDING STREETCAR AND RAILROAD TRACK SYSTEMS LOCATED WITHIN THE CONSTRUCTION LIMITS AND UNDER PROPOSED EMBANKMENTS SHALL BE REMOVED AS CLASS 1 EXCAVATION.

MATERIAL NOT SUITABLE FOR FILLS SUCH AS TRACK SYSTEMS SHALL BE DISPOSED OF IN ACCORDANCE WITH SECTION 31.02-1 OF THE SPECIFICATIONS

REFERENCES



CONSTRUCTION LEGEND



EXISTING UTILITY LEGEND

- DUCT MARKER
- TRAFFIC CONTROL
- LIGHT POLE WITH INFOR. SIGN
- UTILITY POLE
- UTILITY POLE WITH INFOR. SIGN
- EXISTING UTILITY PREVIOUSLY ABANDONED
- MH - MANHOLES (ALL TYPES)
- WM - WATER METEP
- GV - VALVES (GAS, WATER)
- Elec. - ELECTRIC BOX
- STREET LIGHT
- FIRE HYDRANT
- QTY POLE
- GRATE
- INLET WITH CURB OPENING
- POLICE OR FIRE CALL BOX
- GAS VENT
- TRAFFIC SIGNAL POLE
- GAS LINE
- WATER LINE
- STORM DRAIN OR SANITARY LINE (AS NOTED)
- TELEPHONE LINE
- POLICE FIRE ALARM TELEPHONE LINE
- M/E - MECHANICAL / ELECTRICAL LINE
- STEAM LINE
- LARGE UTILITY (SIZE & TYPE AS NOTED)

TOPOGRAPHY LEGEND

- DITCH
- SIGN
- FENCE
- RETAINING WALL
- FENCE ON RETAINING WALL
- TREE
- ENCLOSED TREE
- TREELINE
- HEDGE
- STEPS
- SIDEWALK VAULT
- BILLBOARD
- NO CURB (CURB LABELED)
- RAILROAD TRACKS
- STREETCAR TRACKS

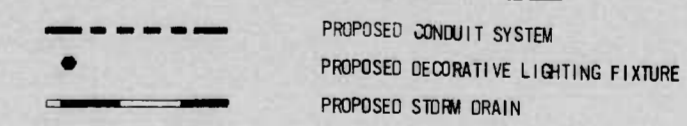
TOPOGRAPHY ABBREVIATIONS

- CONC - CONCRETE
- R.W. - RETAINING WALL
- STY - STORY
- DWG - DWELLING
- RET. ST. - RETAIL STORE
- WHSE. - WAREHOUSE
- CHUR. - CHURCH
- GAR. - GARAGE
- BR. - BRICK
- BLOK. - BLOCK
- MTL. - METAL
- FR. - FRAME
- MAS. - MASONRY
- STO. - STONE

DRAINAGE LEGEND PROPOSED

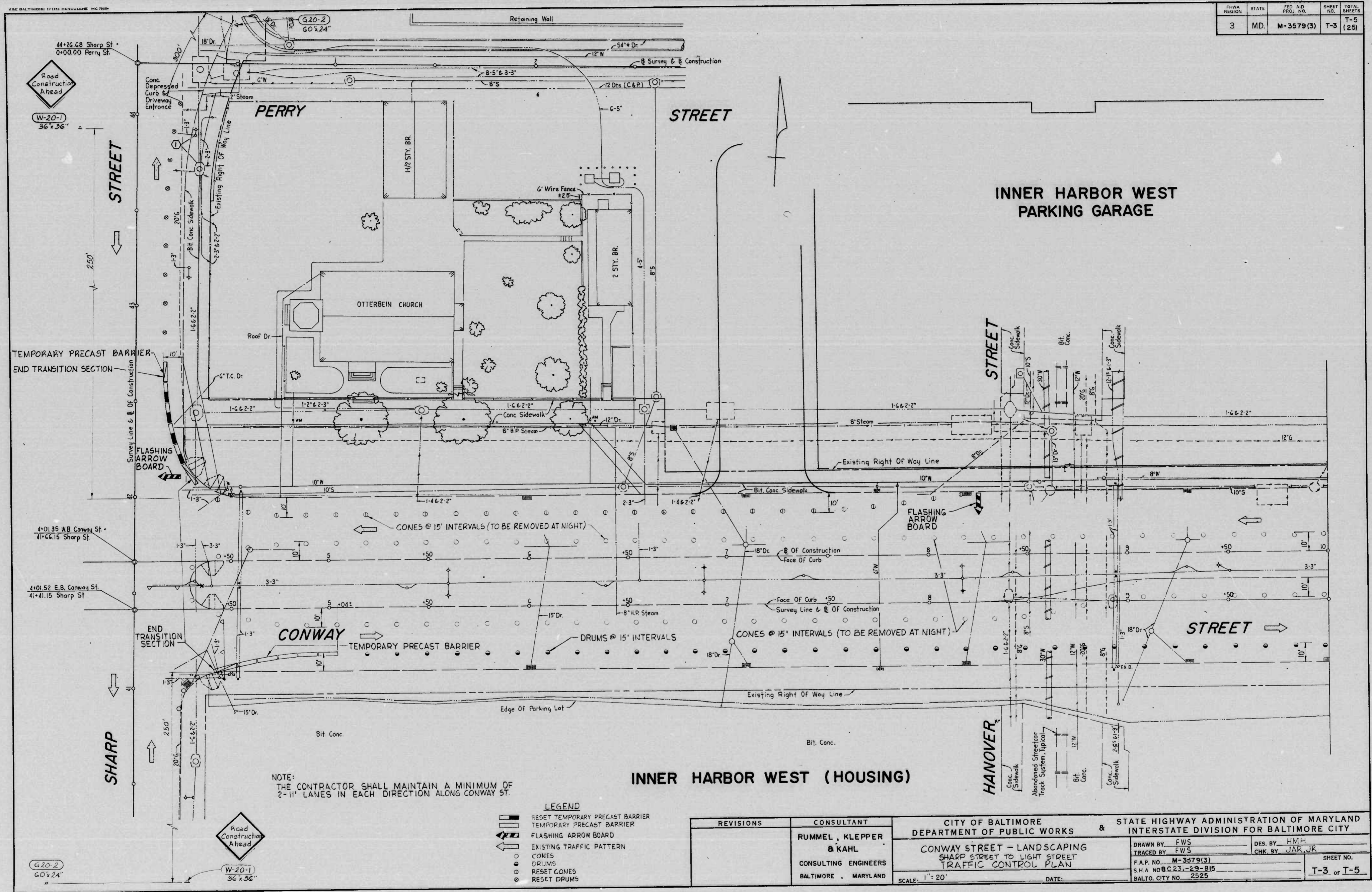
- INLET NUMBERS
- MANHOLE NUMBERS
- BRICK WYE NUMBERS

LEGEND - PROPOSED UTILITIES



REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL	CONWAY STREET SHARP STREET TO LIGHT STREET	DRAWN BY: C.E.B. DES. BY: J.A.R. JR. TRACED BY: C.E.B. CHK. BY: J.A.R. JR.
	CONSULTING ENGINEERS	LEGEND AND GENERAL NOTES	F.A.P. NO. M-3579 (3) SHEET NO. T-2 OF T-5 S.H.A. NO. B.C. 231-29-815 BALTO. CITY NO. 2525
	BALTIMORE, MARYLAND	SCALE: _____ DATE: _____	

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	T-3	T-5 (25)



NOTE: THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2-1/2 LANES IN EACH DIRECTION ALONG CONWAY ST.

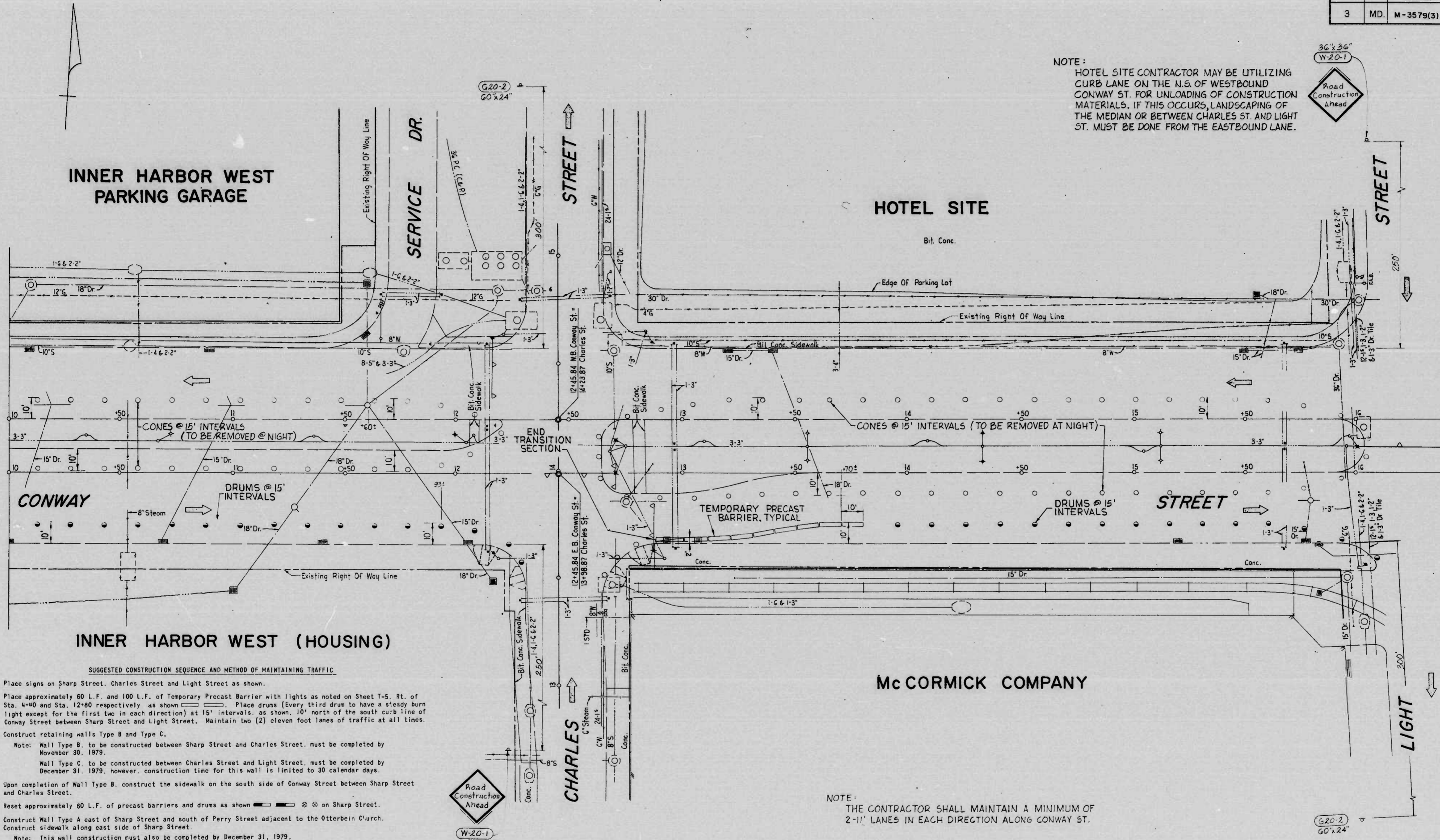
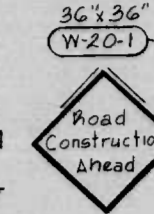
- LEGEND**
- ▬ RESET TEMPORARY PRECAST BARRIER
 - ▬ TEMPORARY PRECAST BARRIER
 - ⚡ FLASHING ARROW BOARD
 - ↔ EXISTING TRAFFIC PATTERN
 - CONES
 - DRUMS
 - RESET CONES
 - RESET DRUMS

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET TRAFFIC CONTROL PLAN	DRAWN BY: FWS TRACED BY: FWS F.A.P. NO. M-3579(3) S.H.A. NO. 23-23-815 BALTO. CITY NO. 2525
DATE:		DES. BY: HMH CHK. BY: JAR JK	SHEET NO. T-3 of T-5

K&E BALTIMORE 13 1123 NEWTOWN, MD 21201

FIRMA REGION	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	T-4	T-5 (25)

NOTE:
HOTEL SITE CONTRACTOR MAY BE UTILIZING CURB LANE ON THE N.S. OF WESTBOUND CONWAY ST. FOR UNLOADING OF CONSTRUCTION MATERIALS. IF THIS OCCURS, LANDSCAPING OF THE MEDIAN OR BETWEEN CHARLES ST. AND LIGHT ST. MUST BE DONE FROM THE EASTBOUND LANE.



INNER HARBOR WEST (HOUSING)

SUGGESTED CONSTRUCTION SEQUENCE AND METHOD OF MAINTAINING TRAFFIC

- Place signs on Sharp Street, Charles Street and Light Street as shown.
- Place approximately 60 L.F. and 100 L.F. of Temporary Precast Barrier with lights as noted on Sheet T-5. Rt. of Sta. 4+40 and Sta. 12+80 respectively as shown. Place drums (Every third drum to have a steady burn light except for the first two in each direction) at 15' intervals as shown, 10' north of the south curb line of Conway Street between Sharp Street and Light Street. Maintain two (2) eleven foot lanes of traffic at all times.
- Construct retaining walls Type B and Type C.
Note: Wall Type B, to be constructed between Sharp Street and Charles Street, must be completed by November 30, 1979.
Wall Type C, to be constructed between Charles Street and Light Street, must be completed by December 31, 1979, however, construction time for this wall is limited to 30 calendar days.
- Upon completion of Wall Type B, construct the sidewalk on the south side of Conway Street between Sharp Street and Charles Street.
- Reset approximately 60 L.F. of precast barriers and drums as shown on Sharp Street.
- Construct Wall Type A east of Sharp Street and south of Perry Street adjacent to the Otterbein Church. Construct sidewalk along east side of Sharp Street.
Note: This wall construction must also be completed by December 31, 1979.
- Place cones as shown 10' south and 10' north of the median curb. Maintain two (2) eleven foot lanes of traffic in each direction at all times.
- Perform the required median landscaping.
- Reset cones as shown 10' south of the north curb line from Sta. 4+ to Sta. 8+. Maintain two (2) eleven foot lanes of traffic at all times.
- Perform the required landscaping along the north curb line of Conway Street adjacent to the Otterbein Church.



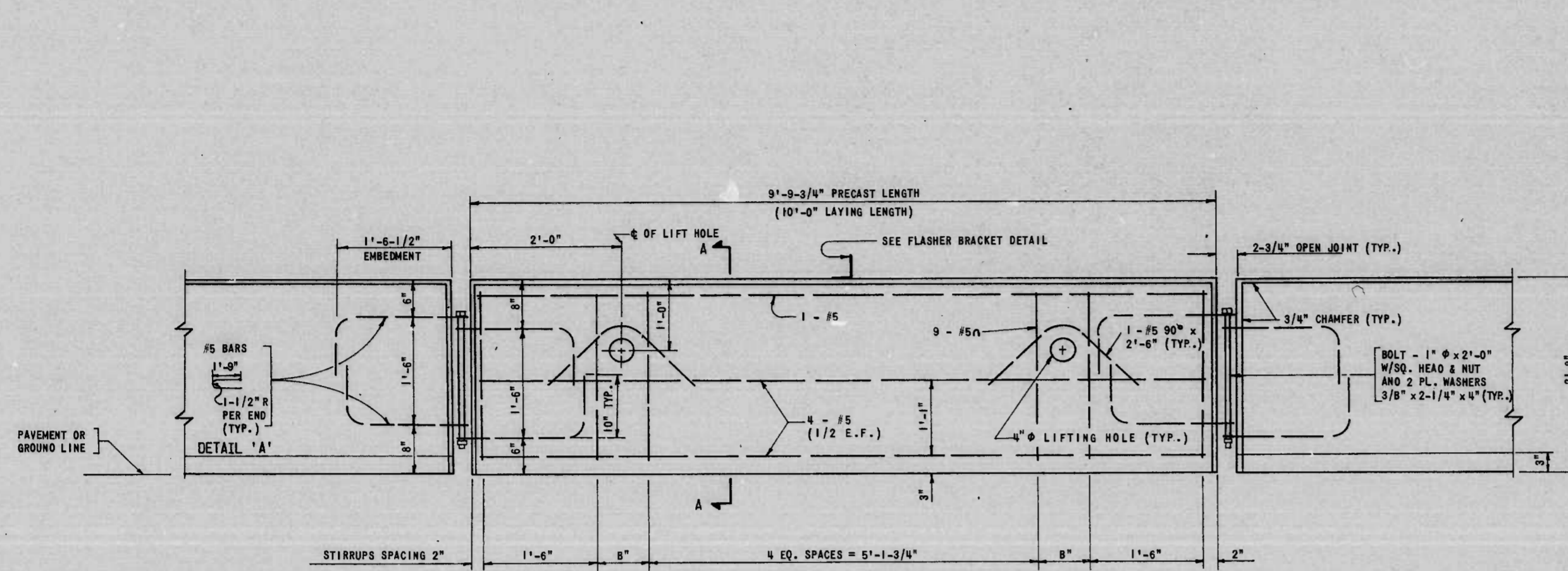
- LEGEND
- TEMPORARY PRECAST BARRIER
 - CONES
 - DRUMS

NOTE:
THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2-11' LANES IN EACH DIRECTION ALONG CONWAY ST.

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET TRAFFIC CONTROL PLAN	DRAWN BY FWS TRACED BY FWS F.A.P. NO. M-3579(3) S.H.A. NO. BG231-29-915 BALTO. CITY NO. 2525
		DES. BY HMW CHK. BY JAZ, JR.	SHEET NO. T-4 of T-5
		SCALE: 1" = 20'	DATE:

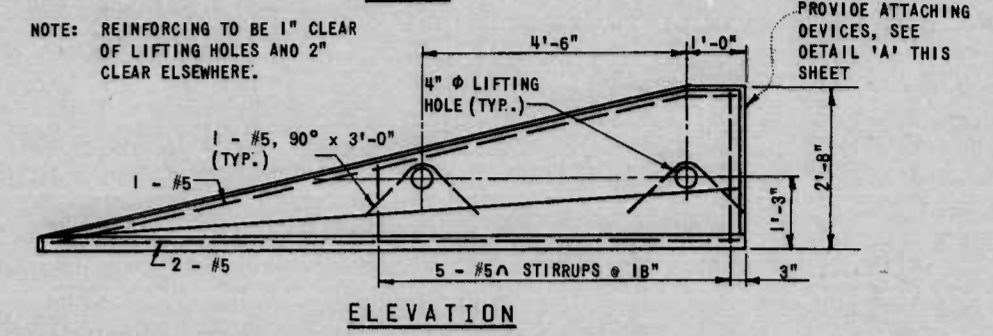
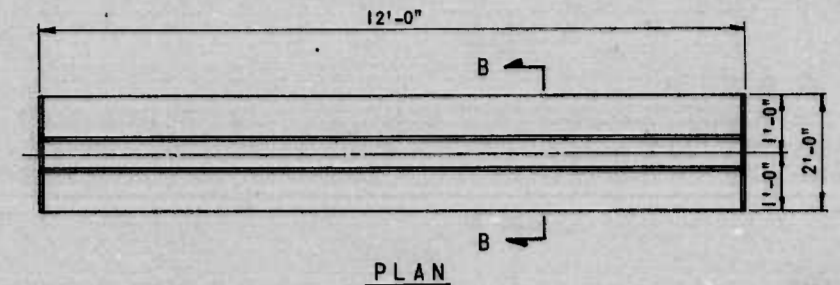
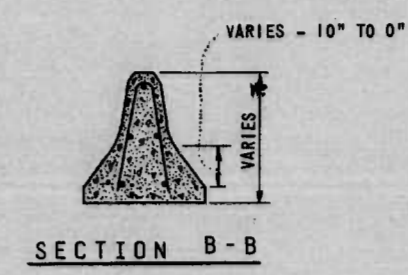
K&E BALTIMORE 181183 HENRIE/LENE MC7888

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	T-5	(25)



TYPICAL PRECAST PANEL

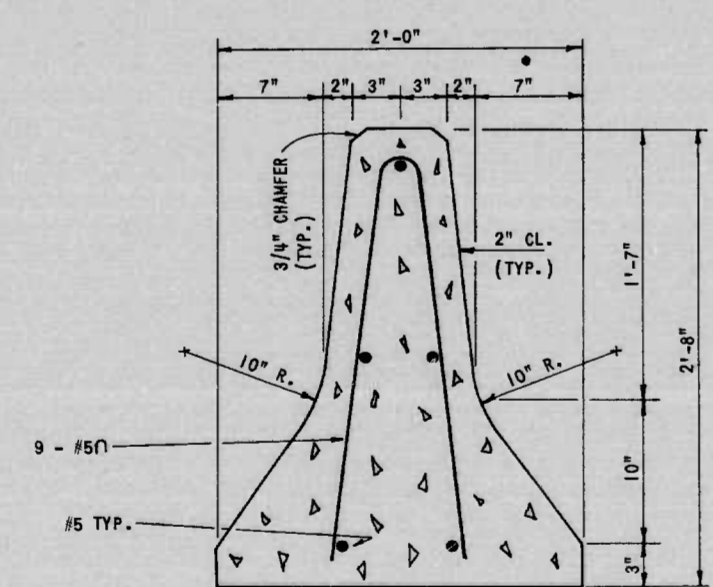
SCALE: 1" = 1'-0"



PRECAST CONCRETE BARRIER END TRANSITION

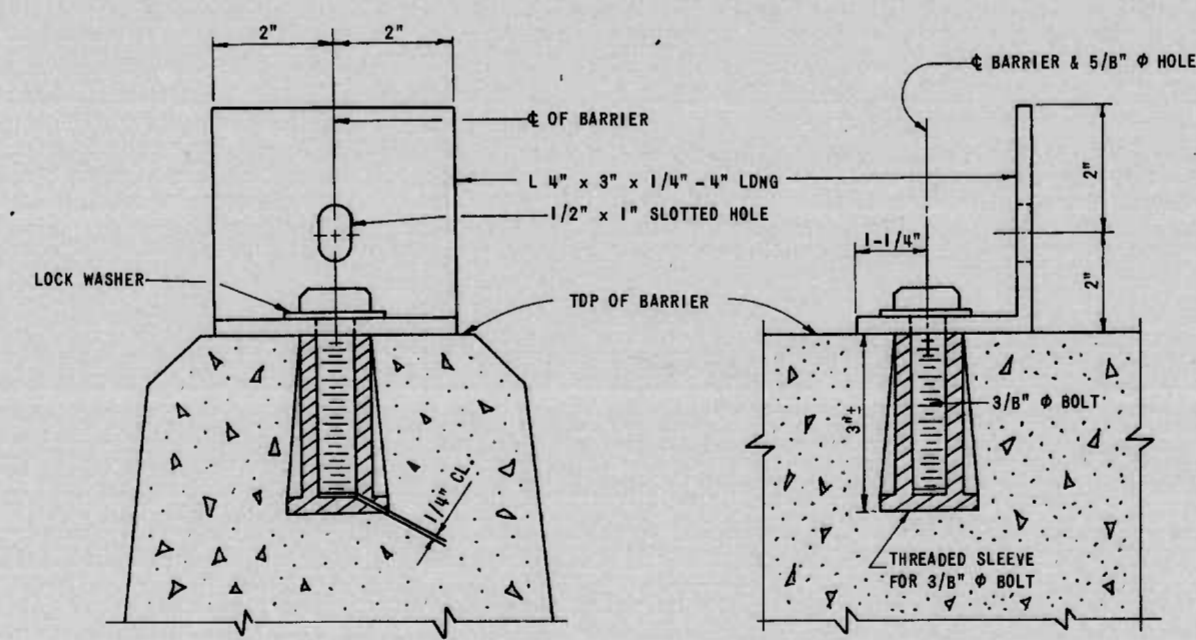
NOTES

- (1) REINFORCING STEEL SHALL CONFORM TO ASTM DESIGNATION A-615 GRADE 60.
- (2) ALL MISCELLANEOUS STEEL SHALL CONFORM TO ASTM DESIGNATION A-36 AND SHALL BE HOT DIP GALVANIZED CONFORMING TO ASTM DESIGNATION A-123.
- (3) CONCRETE SHALL BE NO. DOT - SHA DESIGNATION MIX NO. 3 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 P.S.I. AT 28 DAYS.
- (4) REFER TO SPECIAL PROVISIONS FOR PAINT SPECIFICATIONS AND LIMITS.
- (5) FLASHER BRACKET IS DETAILED TO ACCOMMODATE EMPCO-LITE MODEL 100 FLASHER. APPROVED EQUAL FLASHER MAY BE USED. CONTRACTOR MUST MODIFY BRACKET TO FIT.
- (6) ALTERNATIVE DETAILS FOR LIFTING DEVICE MAY BE SUBMITTED BY THE CONTRACTOR FOR THE ENGINEER'S APPROVAL.
- (7) THREADED SLEEVE TO BE PROVIDED FOR EACH BARRIER FOR BRACKET TO BE INSTALLED IN THE CENTER OF THE BARRIER'S TOP. COAT INSIDE OF SLEEVE WITH COSMOLENE.
- (8) PANELS OF 12 FOOT LENGTHS WILL BE ACCEPTABLE.
- (9) FIRST LIGHT ON BARRIER SHALL BE FLASHER, ALL OTHERS SHALL BE CONTINUOUS BURNING TYPE.



SECTION A-A

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

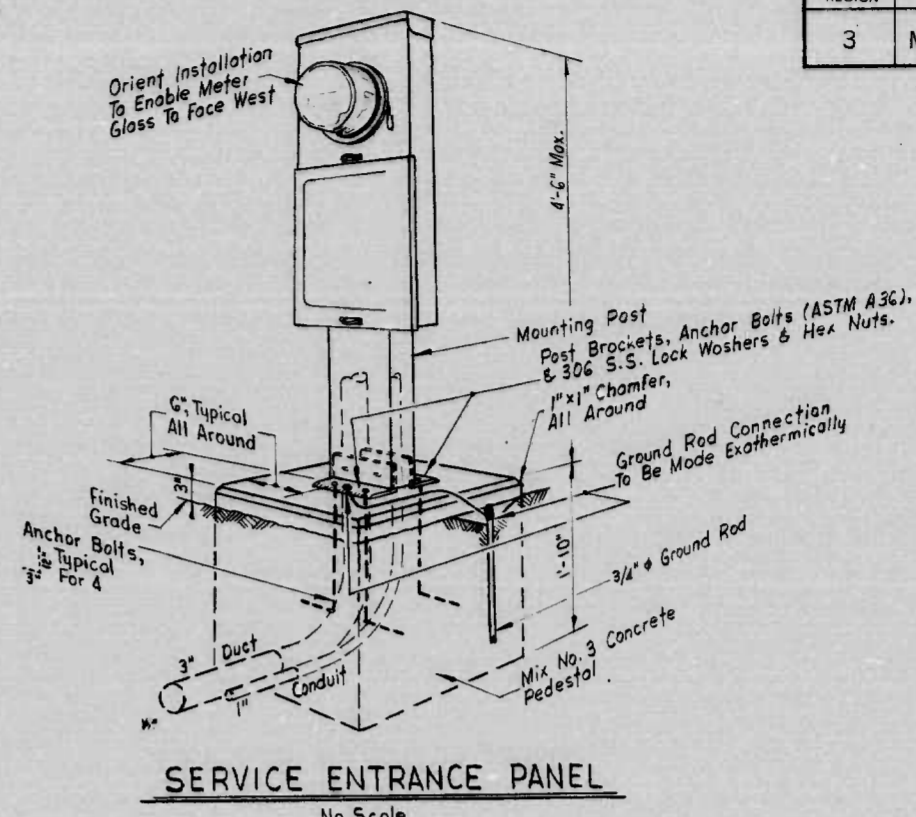
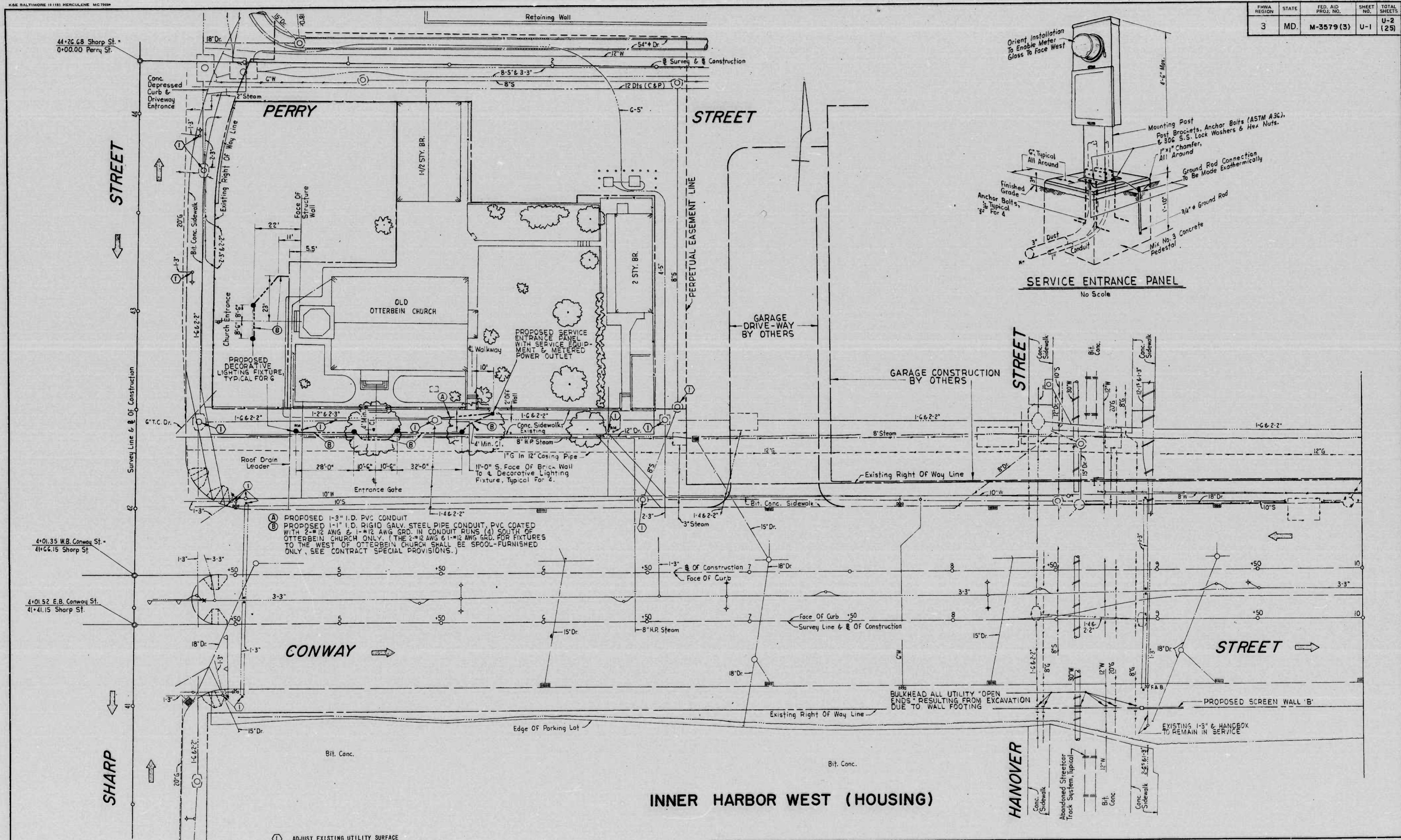


FLASHER BRACKET DETAILS

SCALE: 1/2" = 1"

REVISIONS	CONSULTANT RUMMEL ; KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE , MARYLAND	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS & STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY	
		CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET PRECAST CONCRETE BARRIER DETAIL	DRAWN BY: TEA TRACED BY: TEA F.A.P. NO. M-3579(3) S.H.A. NO. CC231-29-815 BALTO. CITY NO. 2525
SCALE: AS NOTED		DATE:	DES. BY: HMM CHK. BY: JAR, JR. SHEET NO. T-5 OF T-5

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	U-1	U-2 (25)

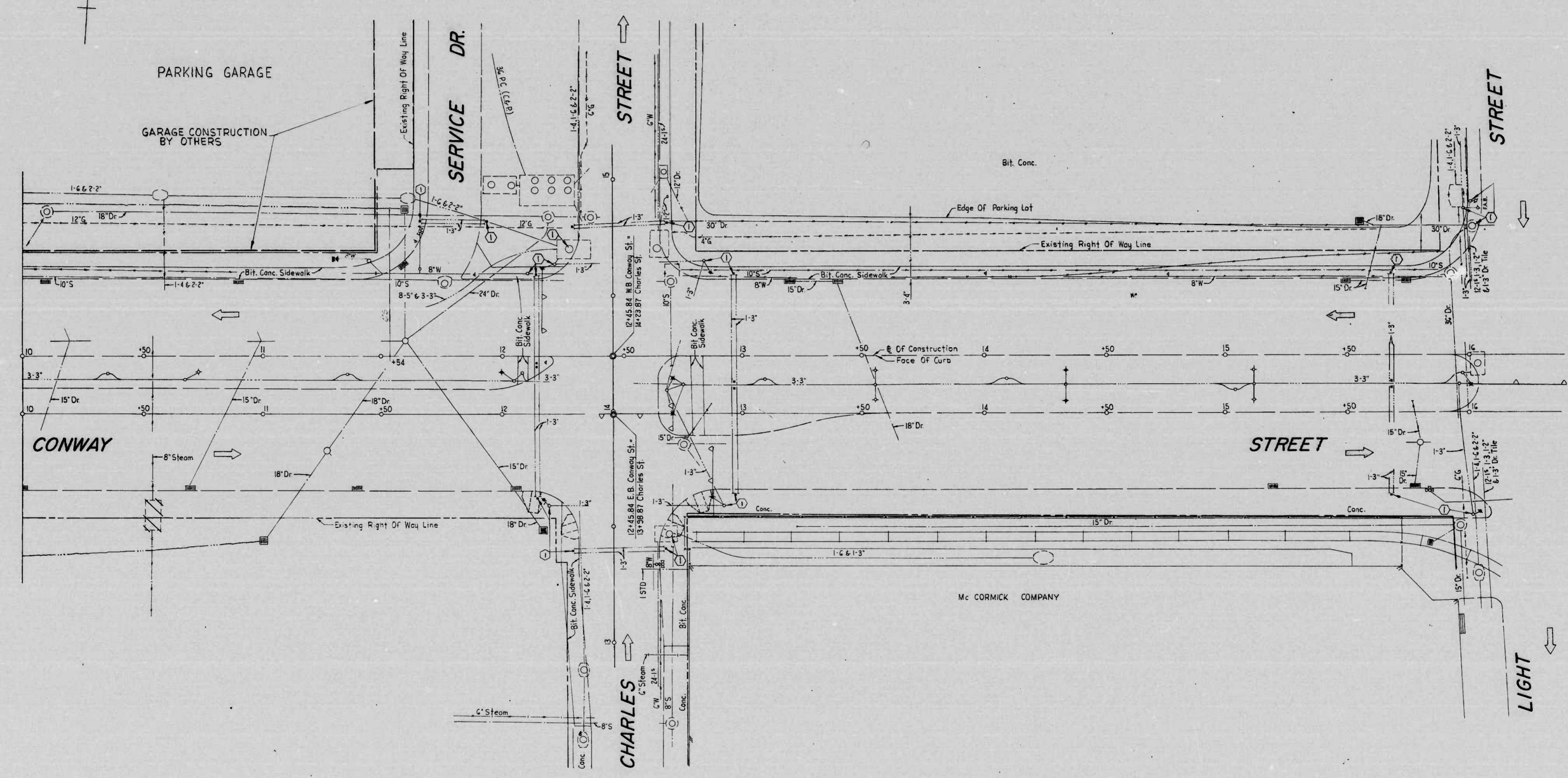


(A) PROPOSED 1-3" I.D. PVC CONDUIT
 (B) PROPOSED 1-1" I.D. RIGID GALV. STEEL PIPE CONDUIT, PVC COATED WITH 2#12 AWG & 1-#12 AWG GND. IN CONDUIT RUNS (A) SOUTH OF OTTERBEIN CHURCH ONLY. (THE 2#12 AWG & 1-#12 AWG GND. FOR FIXTURES TO THE WEST OF OTTERBEIN CHURCH SHALL BE SPOOL-FURNISHED ONLY. SEE CONTRACT SPECIAL PROVISIONS.)

(1) ADJUST EXISTING UTILITY SURFACE FEATURE VERTICALLY TO PROJECT FINISHED GRADE

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET UTILITY RELOCATIONS	DRAWN BY: FWS TRACED BY: FWS DES. BY: WFK CHK. BY: WFK
		SCALE: 1" = 20'	DATE: _____
			F.A.P. NO. M-3579 (3) S.H.A. NO. BC 231-29-815 BALTO. CITY NO. 2525
			SHEET NO. U-1 OF U-2

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579 (3)	U-2	(25)



① ADJUST EXISTING UTILITY SURFACE
FEATURE VERTICALLY TO PROJECT FINISHED GRADE

REVISIONS	CONSULTANT	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS	STATE HIGHWAY ADMINISTRATION OF MARYLAND INTERSTATE DIVISION FOR BALTIMORE CITY
	RUMMEL, KLEPPER & KAHL CONSULTING ENGINEERS BALTIMORE, MARYLAND	CONWAY STREET - LANDSCAPING SHARP STREET TO LIGHT STREET UTILITY RELOCATIONS	DRAWN BY: FWS TRACED BY: FWS F.A.P. NO. M-3579 (3) S.H.A. NO. BC 231-29-015 BALTO. CITY NO. 2525
		SCALE: 1" = 20'	DES. BY: WFK CHK BY: WFK SHEET NO. U-2 of U-2

173-10-X44
UTIL

FED. REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	M-3579(3)	T-1	T-5 (25)

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

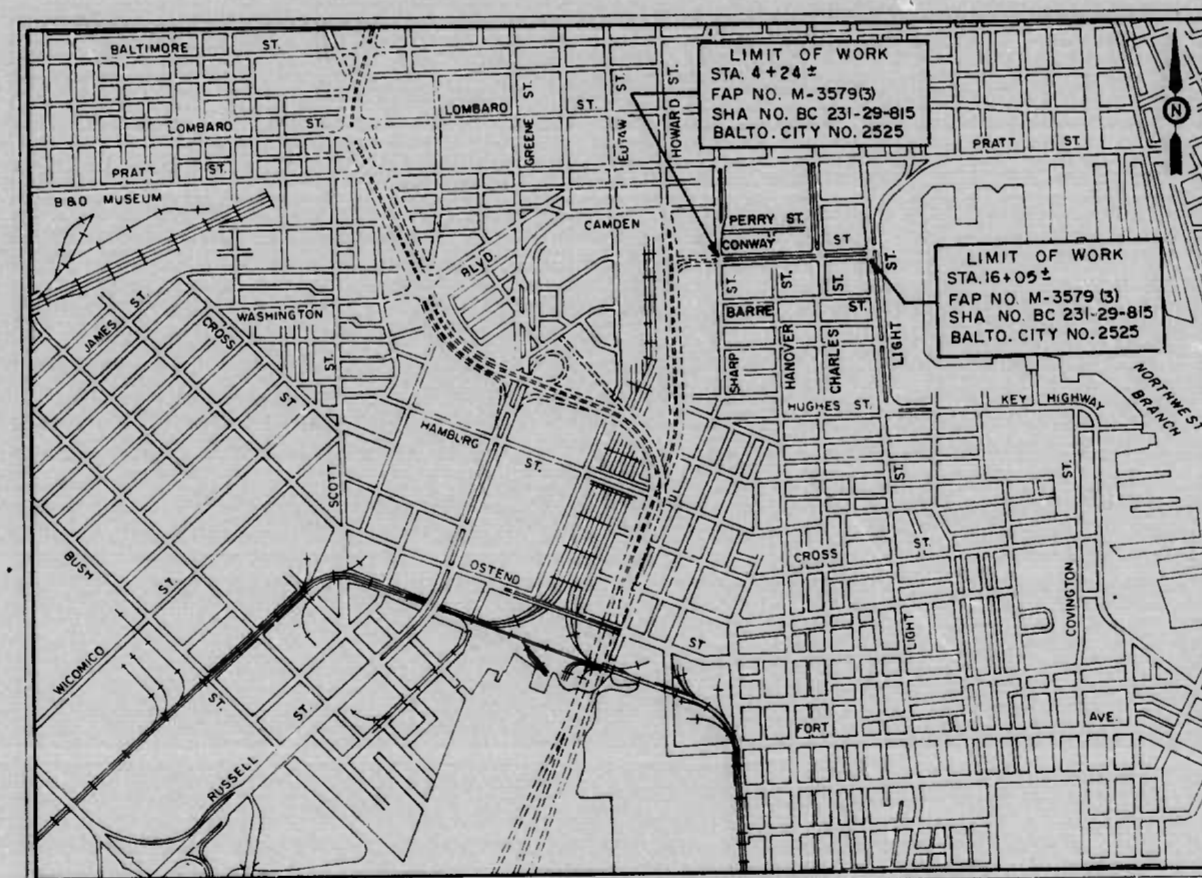
FEDERAL AID PROJECT NO. M-3579(3)
STATE HIGHWAY ADMINISTRATION PROJECT NO. B.C. 231-29-815
CITY OF BALTIMORE BUREAU OF ENGINEERING,
HIGHWAY ENGINEERING DIVISION CONTRACT NO. 2525

CONWAY STREET
SHARP STREET TO LIGHT STREET
LANDSCAPING

BOOK NUMBERS I-395
 BLVD. - D4D --- CROSS SECTIONS
 BLVD. - D41 --- CROSS SECTIONS
 BLVD. - D42 --- TRAVERSE & REFERENCES

SHEET NO.	DESCRIPTION
T-1	TITLE SHEET
T-2	LEGEND AND GENERAL NOTES
T-3	TRAFFIC CONTROL PLAN
T-4	TRAFFIC CONTROL PLAN
T-5	PRECAST CONCRETE BARRIER DETAILS
A-1	TREE PLANTING AND SIDEWALK TREATMENT
A-2	TREE PLANTING AND SIDEWALK TREATMENT
A-3	SIDEWALK AND MEDIAN TREATMENT - DETAILS
A-4	SIDEWALK AND MEDIAN TREATMENT - DETAILS
A-5	MISCELLANEOUS - DETAILS
A-6	DETAILS - WALL 'C'
A-7	DETAILS AND SIDEWALK TREATMENT - WALL 'B'
A-8	MISCELLANEOUS DETAILS AND STORM DRAIN PROFILES
A-9	DETAILS - WALL 'B'
A-10	PLAN AND ELEVATION - WALL 'C'
A-11	PLAN AND ELEVATION - WALL 'B'
L-1	LAYOUT & GRADING PLAN
L-2	PLANTING PLAN AND DETAILS
L-3	TYPE 'A' WALL & DETAILS
L-4	TYPE 'A' WALL & DETAILS
L-5	TYPE 'A' WALL & DETAILS
L-6	MISCELLANEOUS - DETAILS
U-1	UTILITY RELOCATION
U-2	UTILITY RELOCATION
Q-1	SUMMARY OF QUANTITIES

TRAFFIC DATA			
CONWAY STREET	1995	E.B.R.	W.B.R.
ADT	1995	20,813	20,008
DHV	"	10% OF ADT	10% OF ADT
HEAVY TRUCKS	"	4% OF ADT	4% OF ADT
MEDIUM TRUCKS	"	3% OF ADT	3% OF ADT
PASSENGER CARS & LIGHT TRUCKS	"	93% OF ADT	93% OF ADT



LOCATION PLAN
 SCALE: 1" = 1000'
DESIGN SPEED - 35 M.P.H.
LENGTH OF PROJECT - 0.232 MILES

THE DESIGN OF THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.

RIGHT OF WAY LINES SHOWN ON THESE PLANS DO NOT INCLUDE EASEMENT. THEY ARE FOR ASSISTANCE IN INTERPRETING THE PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES. FOR OFFICIAL FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE THE APPROPRIATE RIGHT OF WAY PLAT OR PLATS.

NOTE: EFFECTIVE JULY 1, 1971 IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 526 OF THE ACTS OF THE 1970 GENERAL ASSEMBLY, WHEREVER THE TITLE "STATE ROADS COMMISSION" AND/OR TERM "COMMISSION" IS USED, IT SHALL BE CONSTRUED TO BE "THE STATE HIGHWAY ADMINISTRATION".

RIGHT OF WAY PLATS
 I-395-008
 I-395-019

INTERSTATE DIVISION FOR BALTIMORE CITY
 APPROVED: *[Signature]* 6/28/79
 SEDIMENTATION AND EROSION CONTROL OFFICER: *[Signature]* 6/28/79

CHECKED BY: BUREAU OF ENGINEERING WATER DIVISION WASTE WATER DIVISION	INITIALS <i>RKL/H</i> <i>SMC/MC</i>	DATE 6/27/79 6/28/79
HIGHWAY ENGINEERING DIVISION SURVEY AND RECORDS DIVISION BUREAU OF UTILITY OPERATIONS LIGHTING SECTION CONDUIT SECTION BUREAU OF UTILITIES IDBC	<i>WFO</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>	6/28/79 6/28/79 6/28/79 6/28/79
DEPARTMENT OF TRANSPORTATION AND TRAFFIC	<i>[Signature]</i>	6/28/79

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 APPROVAL RECOMMENDED
[Signature]
 HEAD, BUREAU OF ENGINEERING
 APPROVED
[Signature]
 DIRECTOR OF PUBLIC WORKS

PREPARED BY
RUMMEL, KLEPPER & KAHL
 CONSULTING ENGINEERS
 BALTIMORE, MARYLAND
 DATE: 6/28/79

STATE HIGHWAY ADMINISTRATION OF MARYLAND
 REVIEWED AND APPROVAL RECOMMENDED
[Signature]
 CHIEF, BUREAU OF DESIGN
 APPROVAL RECOMMENDED
[Signature] 6/26/79
 CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY

APPROVED
[Signature] 6/28/79
 CHIEF ENGINEER

U. S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED
 DIVISION ADMINISTRATOR
 DATE