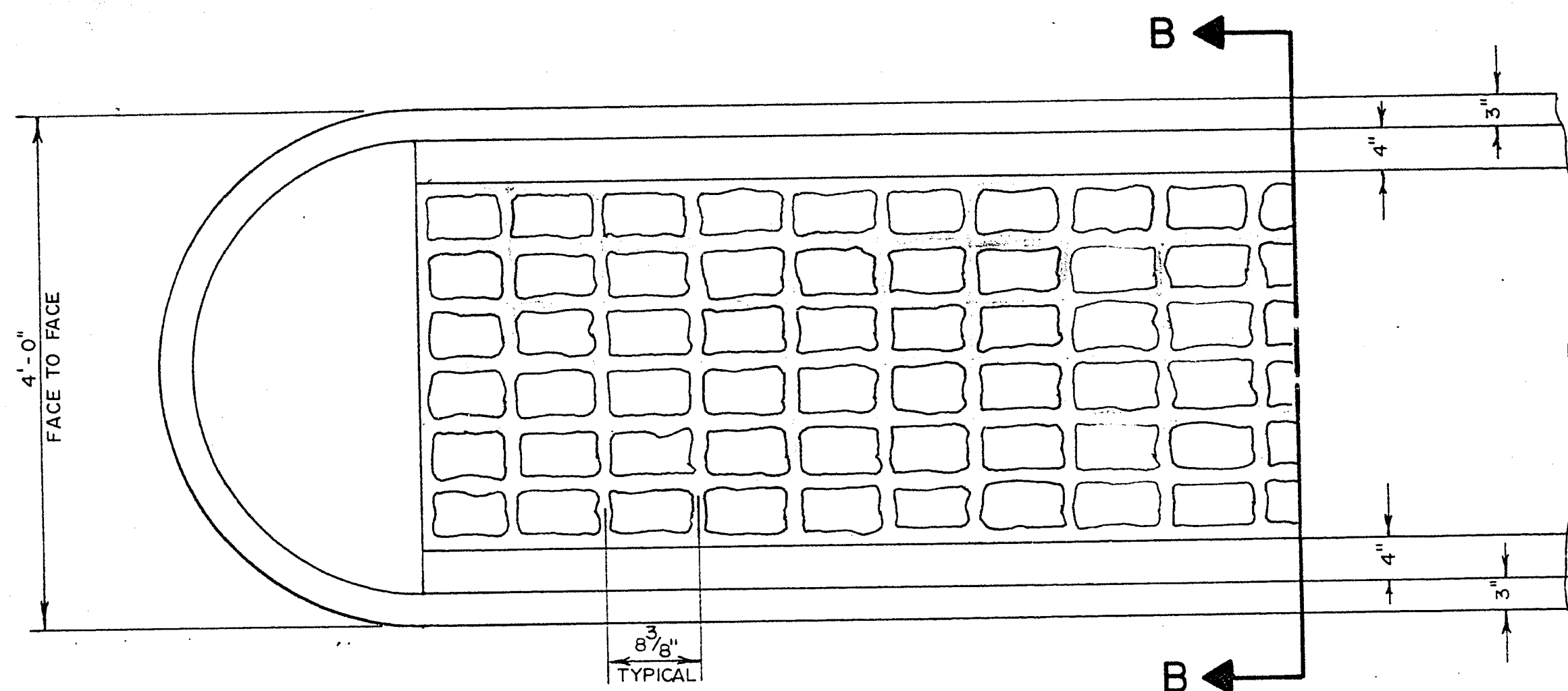


STANDARD NOTES

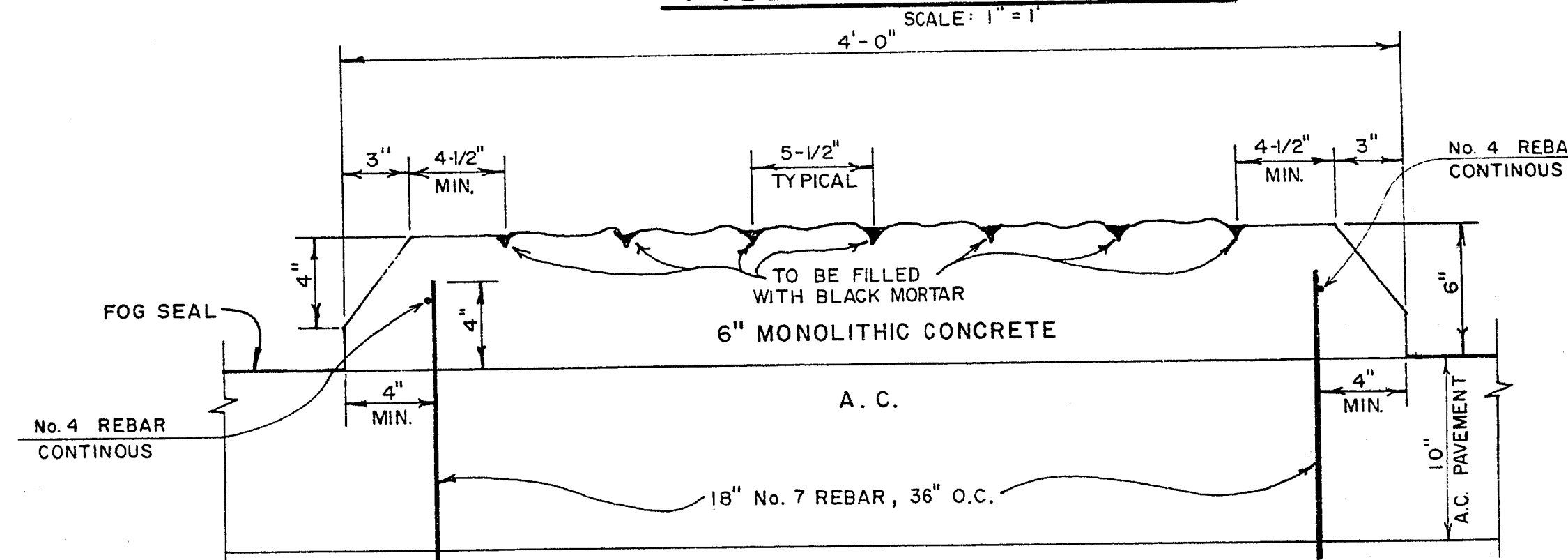
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD DRAWINGS AND "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (ISSUED BY JANUARY 1976), FOR CLARK COUNTY AREA, HEREINAFTER REFERRED TO AS "STANDARD SPECIFICATIONS".
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON PLANS FOR CONTRACTORS' CONVENIENCE WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CITY OF LAS VEGAS ASSUMES NO RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT OF RECORD, OR NOT IN THE LOCATION OF RECORD. THE CONTRACTOR'S LIABILITY REGARDING ANY DAMAGED UTILITY IS SET FORTH IN SECTION 107 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL EXISTING STREET IMPROVEMENTS REMAINING IN PLACE, AND ANY FIXED IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR RECONSTRUCTED AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT REMOVE ANY EXISTING IMPROVEMENTS, TREES, SHRUBS, WALLS, FENCES, SIGNS, CHIMNEYS, PRIVATE LIGHT POLES, ETC., UNLESS DIRECTED TO DO SO BY NOTE ON THE PLANS OR BY THE ENGINEER.
- EXISTING IMPROVEMENTS, TREES, SHRUBS, WALKS, FENCES, SIGNS, STRUCTURES, ETC., WITHIN THE STREET RIGHT-OF-WAY THAT WILL INTERFERE WITH CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
- REPLACEMENT, RELOCATION OR RECONSTRUCTION OF EXISTING IMPROVEMENTS, FENCES, SPRINKLER SYSTEMS, CHIMNEYS, WALLS, SIGNS, STEPS, SIDEWALKS, DRIVEWAYS, PRIVATE LIGHT POLES AND ALL OTHER OBSTACLES PERTINENT TO THIS CONTRACT SHALL BE DONE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BARELY, GRASS AND CLEAR-UP ALL CUT OR FILL SLOPES TO MEET EXISTING CONDITIONS. WHERE LANDS ARE EXISTING THE CONTRACTOR SHALL RESEED ANYWHERE AND THE AFFECTED AREA TO ACHIEVE A CONDITION EQUAL TO OR BETTER THAN BEFORE. MAXIMUM SLOPE 4 TO 1. COST TO BE INCLUDED IN PRICE BID OR OTHER ITEMS.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS TO BE USED DURING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF NEVADA "TRAFFIC CONTROL MANUAL" ISSUE OF JULY, 1976, AND WITH THE U.S. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AVAILABLE FROM THE DIVISION OF TRAFFIC ENGINEERING, 400 E. STEWART AVENUE.
- THE UTILITY COMPANY SHALL BE RESPONSIBLE FOR REMOVAL OR RELOCATION OF ALL POWER POLES, TELEPHONE POLES, JOINTLY OWNED POLES AND RELATED APPURTENANCES THAT INTERFERE WITH REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS, AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS".
- THE LAS VEGAS VALLEY WATER DISTRICT SHALL BE RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL WATER LINES AND RELATED APPURTENANCES THAT INTERFERE WITH REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH CITY OF LAS VEGAS STANDARD DRAWING NO. 55.05 AND 55.06, ADJUST WATER MANHOLES TO FINISHED GRADE.
- THE CONTRACTOR SHALL NOTIFY THE UNITED STATES POST OFFICE REGARDING THE NECESSITY OF REMOVING AND RELOCATING ALL U.S. MAILBOXES THAT INTERFERE WITH THE REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF SANITARY SEWER MANHOLES TO THE REQUIRED GRADE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH SECTION 609.03.02 AND AFFILIATE PORTIONS OF SECTION 609 OF THE "STANDARD SPECIFICATIONS".
- THE SOUTHWEST GAS COMPANY SHALL BE RESPONSIBLE FOR THE REMOVAL OR RELOCATION OF ALL GAS LINES AND RELATED APPURTENANCES THAT INTERFERE WITH REQUIRED IMPROVEMENTS AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF ALL CENTRAL TELEPHONE CO. MANHOLES TO THE REQUIRED FINISHED GRADE AS SHOWN ON THE PLANS.
- PRIOR TO ANY TYPE OF CONSTRUCTION IN THE AREA OF AN EXISTING SEWER, THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO THE MAIN IN THE FORM OF A SPLIT CIRCLE OF MINIMUM 3/4" PLYWOOD HAVING A DIAMETER NOT LESS THAN 4" SMALLER THAN THE INSIDE DIAMETER AT THE BOTTOM OF THE MANHOLE. THE SECTIONS OF THE CIRCLE SHALL BE HELD IN PLACE BY A MINIMUM OF TWO SCABS NAILLED SECURELY ACROSS THE JOINT. THE JOINT SHALL BE PLACED TRANSVERSELY TO THE FLOW LINE OF THE MAIN. ANY SUBSTITUTE METHOD OF PROTECTION MAY BE USED PROVIDED IT IS APPROVED BY THE ENGINEER. THE CITY SHALL ROE THE SEWER LINE PRIOR TO CONSTRUCTION AND THE CONTRACTOR SHALL BALL AND CLEAN THE SEWER LINE PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE CITY.
- TYPE B PORTLAND CEMENT SHALL BE USED IN ALL CONCRETE, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY OF LAS VEGAS TRAFFIC ENGINEERING DIVISION FOR THE LOCATION OF ALL TRAFFIC CONDUIT AND RELATED APPURTENANCES THAT MAY INTERFERE WITH REQUIRED IMPROVEMENTS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY OF LAS VEGAS FIRE DEPARTMENT FOR THE LOCATION OF ALL FIRE ALARM CONDUIT AND RELATED APPURTENANCES THAT MAY INTERFERE WITH REQUIRED IMPROVEMENTS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY OF LAS VEGAS ELECTRICAL DIVISION FOR THE LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED APPURTENANCES THAT MAY INTERFERE WITH REQUIRED IMPROVEMENTS PRIOR TO CONSTRUCTION.
- ALL MANHOLES ARE TO BE CONSTRUCTED ACCORDING TO THE CITY OF LAS VEGAS STANDARD DRAWING 512-2 OR AS DESIGNATED ON THE CONTRACT DRAWINGS.

LEGEND

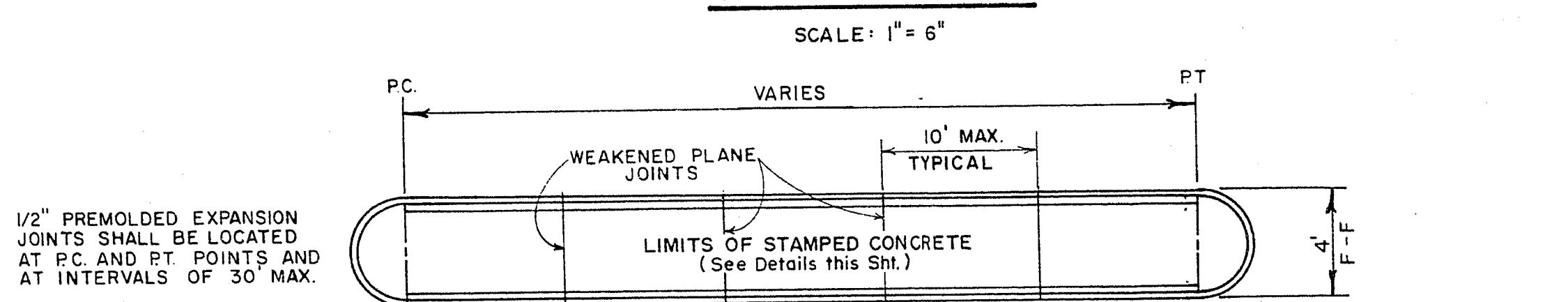
B.C. BACK OF CURB	P.P. POWER POLE
B.L.D.G. BUILDING	P.R.C. (P.C.) POINT OF REVERSE CURVE
C. CENTER LINE	P.T. POINT OF TANGENCY
CONC. CONCRETE	S/W SIDEWALK
C&G CURB & GUTTER	SIG. SIGNAL
D/W DRIVEWAY	ST. LT. STREET LIGHT
D.I. DROP INLET	T.B.A. TO BE ADJUSTED BY OWNER
F.A. FIRE ALARM	T.B.M. TO BE REMOVED BY OWNER
F.H. FIRE HYDRANT	T.B.R. TO BE RELOCATED BY OWNER
G.V. GAS VALVE	TRAF. TRAFFIC
J.B. JUNCTION BOX	W.M. WATER METER
M.H. MANHOLE	W.V. WATER VALVE
P.B. PULL BOX	ANGLE
P.C. POINT OF CURVATURE	G.M. GAS METER
P.M. PARKING METER	



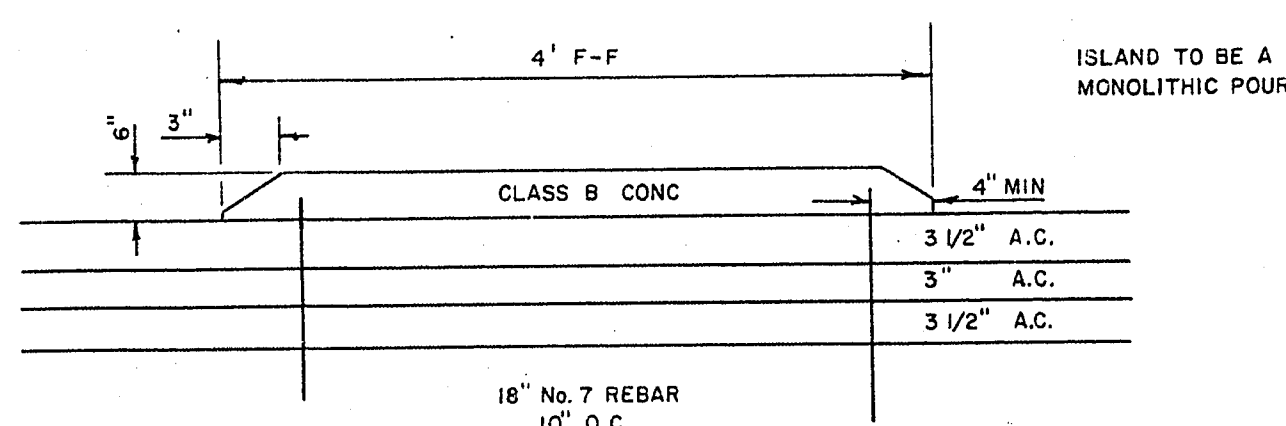
4' ISLAND STAMP DETAIL



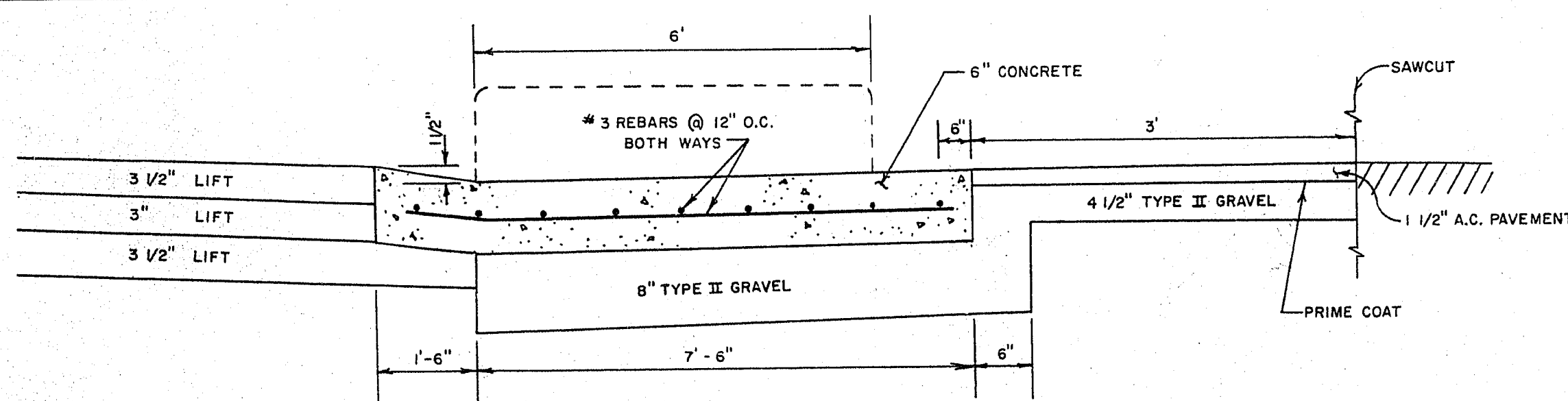
SECTION B-B



TYPICAL ISLAND DETAIL



SECTION Y-Y (TYPICAL)



FRONTAGE ROAD ENTRANCE DETAIL
SECTION D-D

APPROXIMATE QUANTITIES

ITEM No.	DESCRIPTION	UNIT	BID GROUP I			BID GROUP I, ALT. I		
			RTC	CLV	TOTAL	RTC	CLV	TOTAL
201.00.00	CLEARING AND GRUBBING	N/A	N/A	N/A	N/A	N/A	N/A	N/A
202.00.01	CONCRETE REMOVAL	L.S.						
203.00.01	ROADWAY EXCAVATION	C.Y.	23,160	140	23,300	23,360	140	23,500
302.00.01	TYPE I GRAVEL BASE	C.Y.	970		970	970		970
302.00.02	TYPE II GRAVEL BASE	C.Y.	2,310	50	2,360	2,310	50	2,360
401.00.03	1-1/2" A.C. PARKING LOT TRANS.	TNS.	210		210	210		210
401.00.20	ASPHALTIC CONCRETE PAVEMENT	TNS.	36,620		36,620	35,800		35,800
406.00.01	BITUMINOUS PRIME COAT	GAL	2,260		2,260	2,260		2,260
406.00.02	SAND BLOTTER	TNS.	10		10	10		10
407.00.01	BITUMINOUS FOG SEAL	GAL	10,400		10,400	9,570		9,570
600.00.12	12" STORM SEWER PIPE	L.F.	70		70	70		70
600.00.15	15" STORM SEWER PIPE	L.F.	90		90	90		90
600.00.18	18" STORM SEWER PIPE	L.F.	340		340	340		340
609.00.01	JUNCTION BOX TYPE I	EA.	3		3	3		3
609.00.02	JUNCTION BOX TYPE II	EA.	6		6	6		6
609.00.03	JUNCTION BOX TYPE III	EA.	2		2	2		2
609.00.24	DROP INLET TYPE III	EA.	4		4	4		4
609.00.36	DROP INLET TYPE II	EA.	3		3	3		3
609.00.48	DROP INLET TYPE I	EA.	11		11	11		11
609.00.60	TRENCH ASSEMBLY DRAIN	EA.		1	1	1		1
609.03.02	ADJUST MANHOLE	EA.		43	43		43	43
609.03.05	INSTALL FIRE HYDRANT	EA.		1	1		1	1
609.03.06	ADJUST WATER VALVE	EA.	69		69	69		69
609.03.08	RELOCATE WATER METE	EA.	30		30	30		30
609.03.08	ADJUST WATER METER	EA.	12		12	12		12
609.03.09	ADJUST WATER VAULT STRUCTURE	EA.	2		2	2		2
609.03.10	ADJUST WATER MANHOLE	EA.	6		6	6		6
609.03.12	RELOCATE WATER STAND PIPE	EA.	3		3	3		3
613.00.01	24" "L" TYPE C&G (6" FACE)	L.F.	340		340	340		340
613.00.02	24" "L" TYPE C&G (9" FACE)	L.F.	7,610		7,610	7,020		7,020
613.00.02A	30" "L" TYPE C&G (9" FACE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
613.00.03	24" "L" TYPE C&G (KEYED)	L.F.	N/A	N/A	N/A	590		590
613.00.04	18" "L" TYPE C&G (KEYED)	L.F.	N/A	N/A	N/A	N/A	N/A	N/A
613.00.05	18" "L" TYPE C&G	L.F.	N/A	N/A	N/A	N/A	N/A	N/A
613.00.08	4" CONCRETE SIDEWALK	S.F.	43,480	1070	44,550	43,480	1070	44,550
613.00.08A	4" CONCRETE TRANSITION	S.F.	1360		1360	1360		1360
613.00.09	COMMERCIAL DRIVEWAY	S.F.	30,950	1350	32,300	30,950	1350	32,300
613.00.10	4" ISLAND CONCRETE	S.F.	N/A	N/A	N/A	N/A	N/A	N/A
613.00.11	6" ISLAND CONCRETE	S.F.	3,700		3,700	3,700		3,700
613.00.12	VALLEY GUTTER	S.F.	4000		4000	4000		4000
613.00.13	ALLEY GUTTER	S.F.	550		550	550		550
613.00.14	WHEEL CHAIR RAMP	EA.	35		35	35		35
613.00.18	9" ROADWAY CONCRETE	S.Y.	N/A	N/A	N/A	5580		5580
613.00.20	FRONTAGE ROAD ENTRANCE	S.F.	230		230	230		230
613.00.30	CONCRETE TACK ON CURB	L.F.	150		150	150		150
625.00.00	CONSTRUCTION SIGN	EA.	4		4	4		4
626.00.01	CLEANING AND FINAL CLEAN-UP	L.S.	1		1	1		1
203.00.02	OVER EXCAVATION	C.Y.	5,000		5,000			
212.00.00	PLANTER AREA	L.S.	1		1			
401.00.00	VARIABLE A.C. OVERLAY	TNS.		100	100			
609.00.00	CONSTRUCT MANHOLE	EA.		43	43			
609.03.07	ADJUST WATER SERVICE CONNECTION	EA.	42		42			
609.03.00	BOLLARD POLES	EA.	20		20			
	ADDITIVE ALTERNATE							
613.00.99	STAMPED CONCRETE ISLAND	S.F.		3,700	3,700			

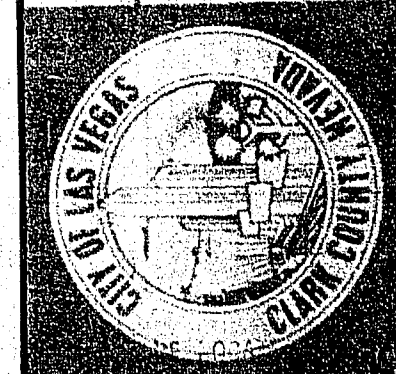
CONTRACT
5 1980

Department of Public Services

GENERAL NOTES,
DETAILS, APPROXIMATE
QUANTITIES, AND LEGEND

EAST CHARLESTON BLVD.
TENTH ST. TO EASTERN AVE.

PHASE II



Drawing No. 107V-8295

2/58