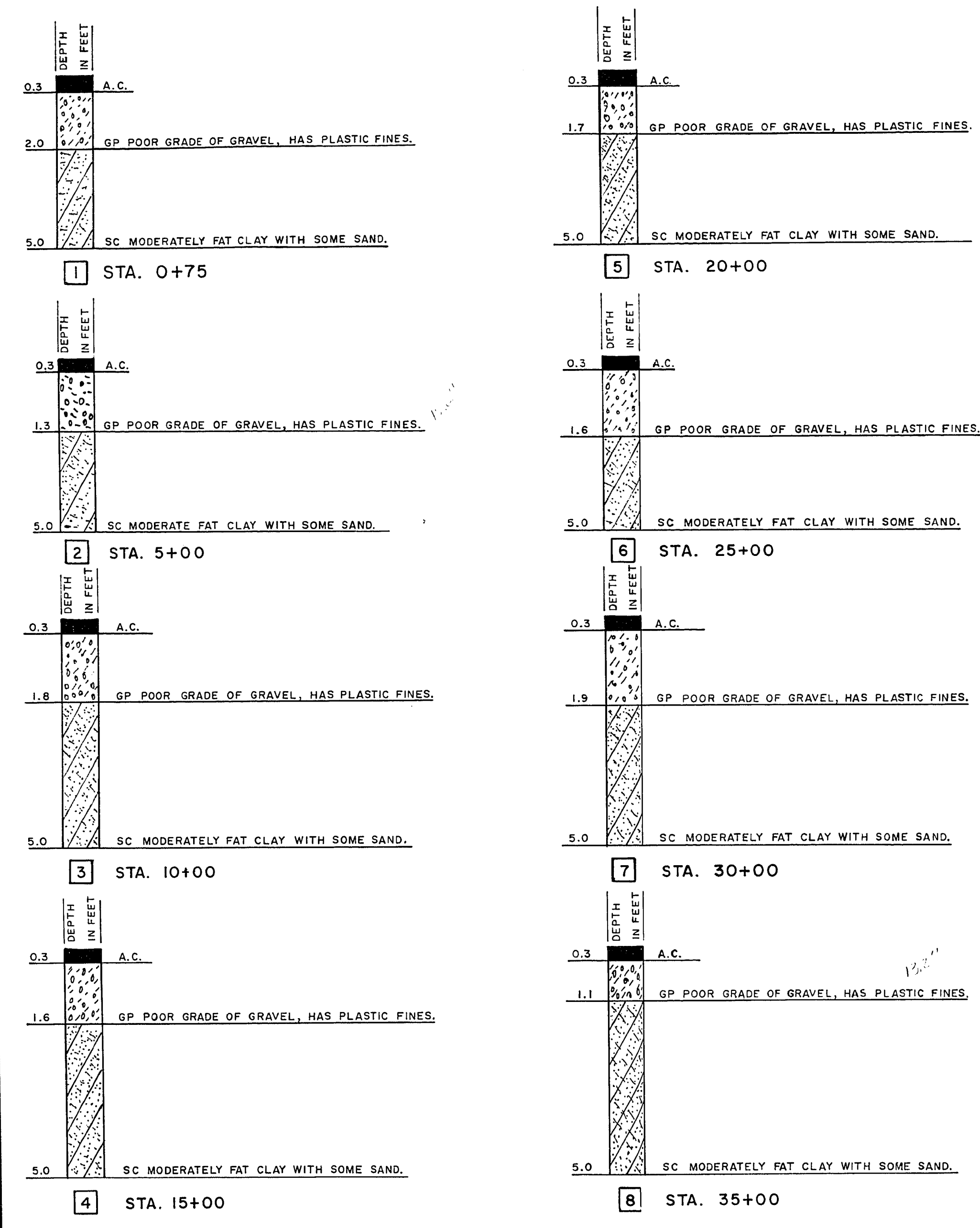


GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD DRAWINGS AND "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" 1978, OF THE CITY OF LAS VEGAS, NEVADA, UNLESS OTHERWISE SPECIFIED BY NOTE ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 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 105 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL EXISTING STREET IMPROVEMENTS REMAINING IN PLACE, AND ANY STREET 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, STRUCTURES, 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.
- ALL REPLACEMENT, RELOCATION OR RECONSTRUCTION OF EXISTING IMPROVEMENTS, FENCES, SPRINKLER SYSTEMS, SHRUBS, WALLS, SIGNS, STEPS, SIDEWALKS, DRIVEWAYS, PRIVATE LIGHT POLES AND ALL OTHER OBJECTS PERTINENT TO THIS CONTRACT SHALL BE DONE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BACKFILL, GRADE AND CLEAN-UP ALL CUT OR FILL SLOPES TO MEET EXISTING CONDITIONS. WHERE LAWNS ARE EXISTING THE CONTRACTOR SHALL RE-SEED AND/OR SOD 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 ON 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, AVAILABLE FROM THE DIVISION OF TRAFFIC ENGINEERING, 400 E. STEWART AVENUE.
- THE OWNING 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. 56.05 AND 56.06. 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 THE "STANDARD SPECIFICATIONS" AND STANDARD DRAWINGS.
- 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 MORE 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 NAILED 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 ROD 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.
- CLASS B CEMENT SHALL BE USED IN ALL CONCRETE, UNLESS OTHERWISE SPECIFIED
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY OF LAS VEGAS TRAFFIC ENGINEERING DEPARTMENT 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 DEPARTMENT FOR THE LOCATION OF ALL ELECTRICAL CONDUIT AND RELATED APPURTENANCES THAT MAY INTERFERE WITH REQUIRED IMPROVEMENTS PRIOR TO CONSTRUCTION.



LEGEND

1. BC	BACK OF CURB
2. BLDG.	BUILDING
3. C	CENTER LINE
4. CONC.	CONCRETE
5. C & G	CURB AND GUTTER
6. D/W	DRIVEWAY
7. DI	DROP INLET
8. FA	FIRE ALARM
9. FH	FIRE HYDRANT
10. GV	GAS VALVE
11. JB	JUNCTION BOX
12. MH	MANHOLE
13. PB	PULLBOX
14. PC	POINT OF CURVATURE
15. PM	PARKING METER
16. PP	POWER POLE
17. PRC (PCC)	POINT OF REVERSE CURVE
18. PT	POINT OF TANGENCY
19. S/W	SIDEWALK
20. SIG	SIGNAL
21. ST. LT.	STREET LIGHT
22. TBA	TO BE ADJUSTED BY OWNER
23. TBM	TO BE REMOVED BY OWNER
24. TBR	TO BE RELOCATED BY OWNER
25. TRAF	TRAFFIC
26. WM	WATER METER
27. WV	WATER VALVE
28. <	ANGLE
29. GM	GAS METER

APPROXIMATE QUANTITIES

ITEM NO.	DESCRIPTION	R.S.H.C.	CLV	SID	OTHERS	UNIT	TOTAL
201.00.00	CLEARING AND GRUBBING	1				L.S.	1
202.00.00	ADJUST ROOF DRAIN	1				EA.	1
202.00.01	CONCRETE REMOVAL	1				L.S.	1
202.00.10	ADJUST ROOF DRAIN	1				EA.	1
203.00.01	ROADWAY EXCAVATION	12,700	50	200		C.Y.	12,950
213.00.00	RELOCATE SPRINKLER SYSTEM		1			L.S.	1
302.00.01	TYPE I GRAVEL BASE	280				C.Y.	280
302.00.02	TYPE II GRAVEL BASE	770	14	142		C.Y.	926
401.00.03	1-1/2" A.C. PARKING LOT TRANS.	99				TON	99
401.00.03A	1-1/2" A.C. ISLAND SURFACING	7				TON	7
401.00.04	2" A.C. PAVEMENT S/L	51				TON	51
401.00.06	3" A.C. PAVEMENT S/L	110				TON	110
401.00.12	6" TEMPORARY A.C. ISLAND	7				S.F.	7
401.00.14	6" A.C. CURB	61				L.F.	61
401.00.20	10" A.C. PAVEMENT M/L	21,880				TON	21,880
406.00.01	BITUMINOUS PRIME COAT	12,382				GAL.	12,382
406.00.02	SAND BLOTTER	3				TON	3
407.00.01	BITUMINOUS FOG SEAL	5,958				GAL.	5,958
600.00.15	15" STORM SEWER PIPE	151				L.F.	151
600.00.18	18" STORM SEWER PIPE	121				L.F.	121
609.00.01	JUNCTION BOX TYPE I	4				EA.	4
609.00.02	JUNCTION BOX TYPE II	5				EA.	5
609.00.04	JUNCTION BOX TYPE II (MODIFIED)	1				EA.	1
609.00.10	JUNCTION BOX COLLAR	1				EA.	1
609.00.36	DROP INLET TYPE 36" OPENING	6				EA.	6
609.00.48	DROP INLET TYPE 48" OPENING	8				EA.	8
609.03.02	ADJUST MANHOLE	26				EA.	26
613.00.00	18" ISLAND CURB & GUTTER	67				L.F.	67
613.00.01	24" L TYPE CURB & GUTTER	5,148				L.F.	5,148
613.00.01A	24" L TYPE C & G (9" FACE)	292				L.F.	292
613.00.02	6" 'A' TYPE CONCRETE CURB	97				L.F.	97
613.00.08	4" CONCRETE SIDEWALK	22,650	880	7,800		S.F.	31,330
613.00.08A	4" PRIVATE WALK TRANS	1,290				S.F.	1,290
613.00.09	COMMERCIAL DRIVEWAY	10,140		1,250		S.F.	11,390
613.00.10	RESIDENTIAL DRIVEWAY	150				S.F.	150
613.00.10A	CONC. DRIVEWAY TRANSITION	1,040				S.F.	1,040
613.00.11	6" ISLAND CONCRETE	2,476				S.F.	2,476
613.00.12	VALLEY GUTTER	2,752				S.F.	2,752
613.00.13	ALLEY GUTTER	1,450				S.F.	1,450
613.00.14	WHEELCHAIR RAMP	51				EA.	51
624.00.00	FLAGMAN	250				HRS.	250
686.00.01	CLEANING AND FINAL CLEAN-UP	L.S.				L.S.	1
999.00.00	CANOPY OVERHANG	L.S.				L.S.	1
	ADDITIVE ITEMS						
403.00.01	3/4" OPENGRADE PLANTMIX (LVVWD)				1,690	S.Y.	1,690
609.03.05	ADJUST TELEPHONE MANHOLE				11	EA.	11
609.03.05A	RELOCATE TELEPHONE BOX				1	EA.	1
609.03.06	ADJUST WATER VALVE				28	EA.	28
609.03.07	ADJUST GAS VALVE				2	EA.	2
609.03.07A	RELOCATE GAS METER BOX				1	EA.	1
609.03.08	RELOCATE WATER METERS				12	EA.	12
609.03.09	ADJUST WATER VAULT				3	EA.	3
609.03.09A	RELOCATE WATER STAND PIPES				4	EA.	4
	ADDITIVE ALTERNATE No. 1						
403.00.01	3/4" OPENGRADE PLANTMIX					S.Y.	38,100
	ADDITIVE ALTERNATE No. 2						
613.00.99	STAMPED CONCRETE ISLAND	2,476				S.Y.	2,476

ADJUST ROOF DRAIN 3/4"	SAND BLOTTER 3/4"	FLAGMAN 250	CANOPY OVERHANG 57'-4"	Date
W.O. no. 7719	Scale (v) NONE	Date	Date	Date
Scale (h) NONE	Fid. bk. no. 70-5X	Design by C. KREHNOVI	Drawn by P. SULLIVAN	Date
Approved by the Director of Public Services				Date
Department of Public Services				
Engineering Design Division				
GENERAL NOTES, DETAILS & APPROXIMATE QUANTITIES & LEGEND				
EAST CHARLESTON BLVD. MAIN ST. TO 10th. ST. PHASE I				
Drawing no. 107V-829 A 2/58				

174-100