

ABAN	- ABANDON	LT	- LEFT
ABN	- ABANDONED IN PLACE	LF	- LINEAR FEET
AGG	- AGGREGATE	LO	- LOW POINT
ALT	- ALTERNATE	LWVND	- LAS VEGAS VALLEY WATER DISTRICT
A	- ANODE, GAS	ME	- MATCH EXISTING
AP	- ASBESTOS CEMENT PIPE	MH	- MANHOLE
AC	- ASPHALTIC CONCRETE	MAX	- MAXIMUM
AVE	- AVENUE	MIN	- MINIMUM
BC	- BACK OF CURB	MON	- MONOLITHIC
BCR	- BACK OF CURB RADIUS	MUE	- MUNICIPAL UTILITY EASEMENT
BEG	- BEGIN	NO	- NUMBER
BVC	- BEGINNING OF VERTICAL CURVE	N/O	- NORTH OF
BW	- BENCH MARK	N/S	- NOT TO SCALE
BORY LINE	- BOUNDARY LINE	OC	- ON CENTER
B	- BACK OF SIDEWALK	OP	- OPEN GRADE PAVEMENT,
CATV	- CABLE TELEVISION	OR	- ORIGINAL GROUND
C-C	- CENTER TO CENTER	OE	- OVERHEAD ELECTRIC
C	- CENTER LINE	OH	- PAVEMENT
CBG	- CITY OF BOULDER CITY	PG	- PAD GRADE
CLV	- CITY OF LAS VEGAS	PH	- PLASTIC HIGH PRESSURE
COH	- CITY OF HENDERSON	PWMT	- PAVEMENT
CM	- CITY OF MESQUITE	P	- POINT OF INTERSECTION
CO	- CITY OF NORTH LAS VEGAS	PRC	- POINT OF REVERSE CURVE
CC	- CLARK COUNTY	P	- POINT OF CURVE
CCSD	- CLARK COUNTY SANITATION DISTRICT	PT	- POINT OF TANGENCY
CC	- CLEAN OUT, SEWER	PCC	- POINT OF COMPOUND CURVE
COMM	- COMMERCIAL	PCC, CONC	- PORTLAND CEMENT CONCRETE
CONC, PCC	- CONCRETE	PP	- POWER POLE
CONST	- CONSTRUCTION OR CONSTRUCT	P	- POWER
COR	- CORNER	R	- PROPERTY LINE
CSP	- CORRUGATED METAL PIPE	PROP	- PROPOSED
CSP	- CORRUGATED STEEL ARCH PIPE	PL-G	- PLASTIC GAS
CSP	- CORRUGATED STEEL PIPE	PRC	- POINT OF REVERSE CURVE
C&G	- CURB & GUTTER	PB	- PULL BOX
CI	- CAST IRON PIPE	PV	- POINT OF VERTICAL INTERSECTION
COL	- COLUMN	PVC	- POLYVINYL CHLORIDE PIPE
CU YD, CY	- CUBIC YARD	Q	- RATE OF FLOW
CU FT, CF	- CUBIC FOOT	R	- RADIUS POINT
CUV	- CULVERT	RR	- RAILROAD
CF	- CURB FACE	RENF	- REINFORCED
DC	- DEEPRESSED CURB	RC	- REINFORCED CONCRETE
DEPT	- DEPARTMENT	ROB	- REINFORCED CONCRETE BOX
DIA	- DIAMETER	RELOC	- RELOCATE
DWY	- DRIVEWAY	RCR	- REINFORCED CONCRETE PIPE
DI	- DROP INLET	RIGHT	- RIGHT
DIP	- DUCTILE IRON PIPE	R/W	- RIGHT-OF-WAY
DNP	- DROP MANHOLE	RD	- ROAD
ESMT	- EASEMENT	S-G	- STEEL GAS
E/O	- EAST OF	SS	- SANITARY SEWER
EP	- EDGE OF PAVEMENT	S/H	- SHEET
EO	- EDGE OF OIL	S/O	- SOUTH OF
E	- ELECTRIC	SW	- SIDEWALK
EM	- ELECTRIC METER	SQ FT, SF	- SQUARE FOOT
EMV	- ELEVATION	SQ FT, SY	- SQUARE YARD
EMRG	- EMBANKMENT	STA	- STATION
ECR	- END OF CURB RETURN	SHR	- SHEET HIGH PRESSURE PIPE
EC	- END OF CURVE	STD	- STORM DRAIN
EBR	- CATHODE PROTECTION BOND STATION	STD	- STANDARD
ETS	- CATHODE PROTECTION TEST STATION	STRUCT	- STRUCTURAL OR STRUCTURE
EVC	- END OF VERTICAL CURVE	SURV	- SURVEY
EXIST, EX	- EXISTING	SLK	- STREETLIGHT
FF	- FINISHED FLOOR	T	- TELEPHONE
FDC	- FIRE DEPARTMENT CONNECTION	TEMP	- TEMPORARY
FT	- FEET OR FOOT	TBA	- TO BE ADJUSTED
FG	- FINISH GRADE	TBR	- TO BE REMOVED
FA	- FIRE ALARM	TC	- TOP OF CURB
FH	- FIRE HYDRANT	TMH	- TOP OF MANHOLE
FL	- FLOW LINE	TP	- TOP OF PIPE
G	- GAS	TS	- TRAFFIC SIGNAL
GALV	- GALVANIZED	TSC	- TRAFFIC SIGNAL CONDUIT
GM	- GAS METER	TSI	- TRAFFIC SIGNAL INTERCONNECT
GR	- GAS PRESSURE REGULATOR	TRANS	- TRANSITION
GB	- GRADE BREAK	TW	- TOP OF WALL
GU	- GUTTER	TY	- TYPICAL
HDWL	- HEADWALL	UG	- UNDERGROUND
HP	- HIGH POINT	UGE	- UNDERGROUND ELECTRICAL
HDWL	- HEADWALL	VAR	- VARIABLE
ID	- INSIDE DIAMETER	VERT	- VERTICAL
IN	- INCH	VC	- VERTICAL CURVE
INT	- INTERSECTION	VGP	- VALLEY GUTTER
INV	- INVERT	VCP	- VITRIFIED CLAY PIPE
ISL	- ISLAND	W	- WATER
JBC	- JUNCTION BOX	WM	- WATER METER
LAT	- LATERAL	W/O	- WEST OF
LOC	- LENGTH OF CURB	YD	- YARD
LS	- LANDSCAPE		

DESC.	NAVD 88 DATUM	NAVD 88 DATUM
FOUND RIVET & PLATE, LOCATED IN THE TOP OF CURB AT THE NORTH WEST CORNER OF EL CAPITAN AND RACEL. MARKED 8LV90 856 WITH A PUBLISHED ELEVATION OF 2600.16 PER CITY OF LAS VEGAS BENCHMARKS 6-02.	2600.16 (FEET)	792.5309 (METERS)

SOUTH 89°48'12" EAST, BEING THE BEARING OF THE CENTERLINE OF SEVERANCE LANE AS SHOWN IN THAT CERTAIN RECORD OF SURVEY IN FILE 114, PAGE 57 OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY NEVADA.

 CALL BEFORE YOU DO UNDERGROUND WORK CALL 1-702-455-7511 AND CALL 1-702-432-5300	 CALL BEFORE YOU DO OVERHEAD WORK CALL 1-702-227-2929	 OR 1-800-227-2600 CLARK COUNTY TRAFFIC OPERATIONS CALL 1-702-455-7544
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1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST EDITION; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST EDITION; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; & ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLP PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE USER. THE EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OR OVER EXISTING UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL, EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM 90 DAYS. MIX DESIGN TO BE APPROVED BY THE CITY ENGINEER, PRIOR TO THE USE ON THE PROJECT.
6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTENDED-TYPE CURB.
8. AC PAVEMENT TO BE ONE-HALF INCH (1/2") ABOVE THE UP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
9. CURB AND GUTTER FLOW TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER STANDARD DRAWING 216.
10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS TO BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
11. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION & EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE & FOR INGRESS & EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.
12. ALL GRADING WORK SHALL CONFORM TO THE SOL'S REPORT AS PREPARED BY THE SOL'S ENGINEER APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
13. EXACT LOCATION OF ALL SAW CUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS ENGINEER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
15. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOW LINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE CITY ENGINEER AND THE CITY ENGINEER.
16. WALL NOTES: ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSES OF REVIEWING GRADE RELATIONSHIPS, FLOOD CONTROL, AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.
17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT-OF-WAY.
18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETES, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTION OF MDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.

1. IN THE EVENT THAT A UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS & FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION, ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
5. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION IN THE AREAS INDICATED:

	<u>HORIZONTAL</u>	<u>VERTICAL</u>	<u>COMPACTION</u>
A. PAYMENT AREA SUBGRADE	0.1"±	+0.0' TO -0.1'	SEE SOILS REPORT
B. ENGINEERED FILL	0.5"±	+0.1' TO -0.1'	SEE SOILS REPORT

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

NONE

LVVWD PROJECT # 114458

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (800-777-1771) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVWD'S STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2003 EDITIONS OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEM (UDACS).
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR ADDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO(2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY & CURB OUTTERS.
8. ALL WATER AND STORM OR SANITARY SEWER CROSSLINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AND ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
11. ANY INTERRUPTION OF SERVICES MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.13.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT 811 OR 1-800-227-2860.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTIONS SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
4. CHISEL "S" OR "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
5. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
6. ALL MANHOLES PAVED IN STREETS EIGHTY (80') FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
7. TIE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO THIRTY INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINES 18" SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
8. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCHES (18") UNDER A WATER MAIN.
9. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
10. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAID OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
11. INSTALLATION OF CURVED SEWER PIPE REQUIRES THE USE OF C-900 PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION.
2. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC/ELECTRICAL FIELD OPERATIONS DIVISION AND THE CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623.10.03 (E) OF THE SPECIFICATIONS.
3. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
4. ALL EMPTY CONDUIT SHALL HAVE PULL STRINGS INSTALLED PRIOR TO FINAL INSPECTION.
5. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE OF EIGHTEEN INCHES (18") TO THE FACE OF STREET LIGHTING POLE ON ALL SIDES WHEN STREETLIGHT IS INSTALLED BETWEEN SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
6. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE ELECTRICAL SERVICES SECTION PRIOR TO ANY FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
7. SERVICE POINT SHALL BE COORDINATED WITH NEVADA POWER COMPANY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS.
8. IT SHALL BE ASSUMED THAT IN THE ABSENCE OF AN EXISTING, WORKABLE CIRCUIT TO ATTACH TO, ALL INSTALLATIONS SHALL REQUIRE A NEW SERVICE FOR OPERATION OF THE CIRCUIT.
9. WHEREVER THERE IS AN OVERHEAD UTILITY WHICH MAY CONFLICT WITH THE INSTALLATION OF STREET LIGHTING CIRCUITS AND/OR POLES, THESE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED BEFORE STREETLIGHT BASES ARE INSTALLED AT NO EXPENSE TO THE CITY OF LAS VEGAS.
10. THE CONTRACTOR SHALL FURNISH COMPLETE SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON PLANS.

ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT'S ORDINANCE #5667, "HYDRANT SPECIFICATIONS"; AND "HYDRANT INSTALLATION SPECIFICATIONS".

2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
A. KENNEDY—GUARDIAN MODELS KA1A AND KB1D B. MUELLER—SUPER CENTURION 250 MODEL A—423
C. LOW-MEDALLION MODEL F—2546V10 D. TROY VALVE—PATRIOT MODELS PTB100N NEVADA HYDRANT
E. U.S. PIPE — METROLFLOW M-43

3. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS FIRE HYDRANTS SHALL BE INSTALLED & FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER & SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW.

4. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO THE FIRE HYDRANTS AS REQUIRED BY ORDINANCE NO. 5667.

5. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CALL THE LAS VEGAS INSPECTION HOT-LINE AT 229-2707 TO REQUEST AN INSPECTION BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.

6. PAINTING OF THE CURBS AND FIRE HYDRANTS AND ALL OTHER WORK NECESSARY AS REQUIRED BY ORDINANCE NO. 5667, FOR THE PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.

7. A PERMIT IS REQUIRED FROM THE CITY OF LAS VEGAS FIRE DEPARTMENT FOR ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK.

8. PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED.

9. PRIOR TO THE FINAL OCCUPANCY, A FLOW TEST MUST BE WITNESSED BY THE CITY OF LAS VEGAS FIRE DEPARTMENT TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW.

10. ALL ON-SITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE U.L. LISTED, A.W.W.A. APPROVED, AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE.

11. FIRE HYDRANT SPACING SHALL BE: RESIDENTIAL — 500 FEET UNSPRINKLERED; 600 FEET SPRINKLERED.
COMMERCIAL — 300 FEET UNSPRINKLERED; 400 FEET SPRINKLERED.

12. WHERE NEW WATER MAINS ARE EXTENDED ALONG STREETS OR NEW STREETS ARE INSTALLED WHERE FIRE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF THE STRUCTURES, FIRE HYDRANTS SHALL BE INSTALLED AT MAXIMUM 1,000 FOOT SPACING, TO PROVIDE FOR TRANSPORTATION HAZARDS, WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS OR HAVE 4 OR MORE TRAFFIC LANES & HAVE A TRAFFIC COUNT OF MORE THAN 30,000 PER DAY. HYDRANTS ARE REQUIRED ON EACH SIDE OF THE STREET SPACED AT 500' ON AN ALTERNATING BASIS.

13. NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN TWENTY (20') FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.

14. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FEET OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.

15. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A ONE-TWO FAMILY DWELLING SHALL NOT EXCEED 300' AS MEASURED BY AND APPROVED ROUTE.

16. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FEET, AS MEASURED BY AN APPROVED ROUTE.

17. THE MAX DISTANCE FROM A FIRE HYDRANT TO A DEAD-END STREET SHALL NOT EXCEED 200'.

18. TWO SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE ARE 4 OR MORE FIRE HYDRANTS / SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS CAN BE OUT OF SERVICE DUE TO A BREAK IN A WATER MAIN.

19. ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL WEATHER DRIVING CAPABILITIES, & SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS.

20. THE GRADIENT FOR THE FIRE APPARATUS ACCESS ROAD SHALL NOT EXCEED 12% ANGLES OF APPROACH AND ANGLES OF LOCATION SHALL NOT EXCEED 6% FOR 25 FEET PRIOR TO OR AFTER THE GRADE CHANGE. ADJACENT TO THE STRUCTURES GRADIENT SHALL NOT EXCEED 6%.

21. THE TURNING RADIUS OF THE FIRE APPARATUS ACCESS ROADS SHALL BE NO LESS THAN 52 FEET OUTSIDE RADIUS AND 28 FEET INSIDE TURNING RADIUS.

22. VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL NOT BE LESS THAN 13 FEET 6 IN.

23. FIRE DEPARTMENT ACCESS ROADS IN ALL RESIDENTIAL DEVELOPMENTS (EXCEPT FOR THE APARTMENT BUILDINGS) SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 36 FEET FLOW LINE TO THE FLOW LINE (THIS WIDTH MAY BE REDUCED TO 24 FEET, IF ALL BUILDINGS FRONTING THE STREET ARE SPRINKLERED) PROVIDED ON ONE SIDE ONLY, & 40' FLOW LINE TO THE FLOW LINE ON BOTH SIDES OF THE STREET. PRIVATE DRIVE ALLEYS, DRIVEWAYS, ETC. SHALL BE ALLOWED TO BE REDUCED TO A MINIMUM WIDTH OF 24' WIDE FLOW LINE TO THE FLOW LINE WHEN SERVING NO MORE THAN 6 RESIDENCES, AND WHEN ON STREET PARKING IS DISALLOWED.

24. ALL FIRE APPARATUS ACCESS ROADS IN COMMERCIAL DEVELOPMENTS AND APARTMENT COMPLEXES SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 24 FEET (FLOW LINE TO THE FLOW LINE), PROVIDED NO PARKING IS ALLOWED ON EITHER SIDE; 32 FEET (FLOW LINE TO THE FLOW LINE), IF PARALLEL PARKING IS ALLOWED ON ONE SIDE ONLY; & 40' FLOW LINE TO THE FLOW LINE, IF PARALLEL PARKING IS ALLOWED ON BOTH SIDES. THESE WIDTHS MAY BE REDUCED BY 4 FEET IF THE BUILDINGS ARE SPRINKLERED.

25. A FIRE DEPARTMENT ACCESS ROAD SHALL EXTEND TO WITHIN 50' OF A SINGLE EXTERIOR DOOR PROVIDING ACCESS TO THE INTERIOR OF THE BUILDING.

26. A FIRE APPARATUS ACCESS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORIES OF LOCATIONS ARE LESS THAN 150 FEET FROM A FIRE DEPARTMENT VEHICLE ACCESS. THIS DISTANCE COULD BE INCREASED TO 250 FEET IF THE BUILDING IS SPRINKLERED.

27. APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 100 OR MORE DWELLING UNITS, ROAD(S) WITH DEAD-ENDS OR WITH SINGLE POINT OF ACCESS IN EXCESS OF 600 FEET, AND FOR ALL COMMERCIAL, INDUSTRIAL, AND MULTI-FAMILY RESIDENTIAL DEVELOPMENTS.

28. ALL DEAD-END FIRE APPARATUS ACCESS ROADS &/OR FIRE LINES, PUBLIC OR PRIVATE, IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND AREA HAVING A MIN. DIA. OF 81'.

29. ALL FIRE APPARATUS ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LINE, OR AT THE END OF THE FIRE LINE AND WITH SIGNS AT INTERVALS 100' ALONG ALL DESIGNATED FIRE LINES. SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS TO BE INSTALLED NO HIGHER THAN 10' OR LESS THAN 6" FROM ROADWAY LEVELS. THE SIGNS ARE TO BE ON THE DRIVEWAY OR CEMENT IF CURB IS NOT PROVIDED, SHALL BE PAINTED WITH A RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS.

30. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. SAID SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF LAS VEGAS GUIDELINES FOR AUTOMATIC EMERGENCY VEHICLE ACCESS GATES.

LEGEND

FUTURE	EXISTING	PROPOSED	DESCRIPTION	FUTURE	EXISTING	PROPOSED	DESCRIPTION	
—	—	—	WATER LINE	—	—	—	1.00%	SLOPE
SS	SS	SS	SANITARY SEWER LINE	—	—	—	0.00%	ELEVATION/GRADING TAG
G	G	G	GAS LINE	—	—	—	0.00%	PL—RIGHT-OF-WAY
SD	SD	SD	STORM DRAIN	—	—	—	—	ADJACENT CENTERLINE
E	E	E	POWER LINE/POLE	—	—	—	—	EASEMENT LINE
—	—	—	TELEPHONE LINE	—	—	—	—	FLOW LINE
—	—	—	FIRE HYDRANT	—	—	—	—	CONTOUR
—	—	—	FIRE DEPARTMENT CONNECTION	—	—	—	—	SOVER/RETAINING WALL
—	—	—	GAS VALVE	—	—	—	—	CHAIN LINK FENCE
—	—	—	4" GAS FLOW LINE	—	—	—	—	WIRE FENCE
—	—	—	METERS/PULL BOXES	—	—	—	—	GUARDRAIL
—	—	—	REDUCER	—	—	—	—	SIGN POLE
—	—	—	SEWER CLEANOUT	—	—	—	—	AC PAVEMENT
—	—	—	SEWER MANHOLE	—	—	—	—	6" TYPE "A" CURB
—	—	—	STORM CLEANOUT	—	—	—	—	24" TYPE "T" CURB
—	—	—	STORM MANHOLE	—	—	—	—	30" ROLL CURB
—	—	—	UTILITY POLE	—	—	—	—	CONCRETE
—	—	—	DRAIN INLET	—	—	—	—	FINISH FLOOR
—	—	—	AIR LIGHT	—	—	—	—	—

STREET LIGHTS

100 W HPS	150 W HPS	200 W HPS	250 W HPS
—	—	—	—

MISCELLANEOUS

SAW CUT LINE	GRADE BREAK	LANDSCAPING SITE VISIBILITY ZONE
—	—	—

1. ALL CONSTRUCTION SIGNING, BARRICADES, & TRAFFIC DELINEATION SHALL CONFORM TO THE "NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK" LATEST EDITION, AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERS FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONES. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENT INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS COMPLETED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A CONSTRUCTION WORK ZONE ENCLOSED UPON A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR IS REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAYMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5') OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD & THE SIGNPOST SHALL BE ELIMINATED.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC onto the PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
9. STREET SIGNS & STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECS FOR PLACEMENT OF STREET NAME SIGNS.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO ENSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR MSA WORK ZONE SAFETY SPECIALIST SET-UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHTS OF WAY.
11. THE WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CITIZENS AREA TRANSIT (CAT) IF THAT CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET, TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
13. GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (229-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET UP BY METRO & WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.

ITEM	DESCRIPTION	OFF-SITE QUANTITY	ON-SITE QUANTITY	PER
1	6.5" CONCRETE PAVEMENT OVER 6" TYPE II AB & 6" STRUCTURAL FILL	0	18281	S.Y.
2	TYPE II AGGREGATE BASE	20	338	C.Y.
3	24"x1" TYPE CURB AND GUTTER	253	300	L.F.
4	*A" TYPE CURB	200	1113	L.F.
5	4" CONCRETE SIDEWALK	1849	1848	S.F.
6	5.5" AC OVER 6" TYPE II AGGREGATE BASE	0	710	S.Y.
7	3" AC OVER 4" TYPE II AGGREGATE BASE	0	1096	S.F.
8	3" VALLEY GUTTER	0	135	C.Y.
9	RIP RAP D50= 6"	0		
10	PROPEX GEOSYNTHETIC (PYRAMAT) EROSION CONTROL BLANKET	0	2779	S.F.
11	3/4" CONDUIT WITH WIRE	0	93	L.F.
12	2" CONDUIT WITH WIRE	0	80	L.F.
13	3" CONDUIT WITH WIRE	0	340	L.F.
14	#5 PULLBOX	2	2	EA.
15	8" WATER SERVICE	99	84	L.F.
16	1" WATER SERVICE	0	35	L.F.
17	2.5" WATER SERVICE	0	102	L.F.
18	6" WATER SERVICE	0	157	L.F.
19	12" WATER MAIN	0	0	L.F.
20	2" METER WITH RPPA	0	1	EA.
21	FIRE HYDRANT ASSEMBLY	0	1	EA.
22	8" DCDA	0	1	EA.
23	6"x6" 45 DEGREE WYE	0	3	EA.
24	4"x4" 45 DEGREE WYE	0	4	EA.
25	6" SEWER LINE	0	209	L.F.
26	6"x4" SEWER ECCENTRIC REDUCER	0	1	EA.
27	6" SEWER CLEANOUT	0	1	EA.
28	4" SEWER LINE	0	192	L.F.
29	4" SEWER CLEANOUT	0	4	EA.
30	SAND/OIL SEPARATOR	0	1	EA.
31	8" CONCRETE CROSS GUTTER	1587	0	S.F.
32	EMERGENCY FLASHER	2	0	EA.
33	STREET/STOP SIGNS	4	0	EA.
34	RELOCATE SIGNS	2	0	EA.
35	PAVEMENT MARKINGS	214	500	L.F.
36	BUMPER BLOCKS	0	5	EA.
37	ROUGH GRADING	0	2350	C.Y.
38	TRASH ENCLOSURE WALL	0	33	L.F.
39	GENERATOR ENCLOSURE WALL	0	54	L.F.
40	2" STEM WALL	0	205	L.F.
41	1" GAS LINE	7	127	L.F.
42	4" GAS LINE	337	0	L.F.
43	ELECTRIC GENERATOR	0	1	EA.
44	REMOVE AND SALVAGE TREE (MEDIAN)	4	0	EA.
45	SIDEWALK DRAIN	1	0	EA.
46	REMOVE CURB, GUTTER, MEDIAN, SIDEWALK	192	23	LF
47	REMOVE LANDSCAPE	1	0	LS
48	REMOVE AC DRIVEWAY	0	718	SY
49	CHERRY MIST DECOMPOSED GRANITE	0	927	SY