

ABBREVIATIONS

ADD'L	ADDITIONAL
AA	ALDYL A
ALUM.	ALUMINUM
AV	AIR/VACUUM RELEASE VALVE
BFV	BUTTERFLY VALVE
BH	GEOTECHNICAL BORE HOLE
B.O.P.	BOTTOM OF PIPE
BOTT	CLARK COUNTY
C.C.	CLEAR
CLR.	CEMENT MORTAR LINED
CML	CEMENT MORTAR LINED AND COATED
CMLC	CORRUGATED METAL PIPE
CMP	COMMUNICATIONS LINE (2" CONDUIT)
COMM.	CONTINUE
CONC.	CORNER
CONT.	CONTROL POINT
COR.	DIAMETER
CPNT	EACH
DIAM	ELEVATION
EA	EXISTING
ELEV	FIRE HYDRANT
EX OR EXIST.	FLANGED
FLG	FIBER OPTICS CABLE
F.O.	GAS
G	GALVANIZED
GALV.	HEADWALL
HDWL	HIGH PRESSURE STEEL
H.P.S.	INVERT
I.N.V.	KERN RIVER GAS TRANSMISSION COMPANY
KRG	LINEAR FEET
LF	MECHANICAL
MECH	MANHOLE
MH	MAXIMUM OPERATING PRESSURE
MOP	MAXIMUM ALLOWABLE OPERATING PRESSURE
MAOP	NORMALLY CLOSED
N.C.	NEVADA DEPARTMENT OF TRANSPORTATION
N.D.O.T.	NORMALLY OPEN
N.O.	NON - RISING STEM
NRS	NOT TO SCALE
N.T.S.	ON CENTER
O.C.	OUTER DIAMETER
O.D.	OVER HEAD POWER
OHF	OPENING
OPNG	OPPOSITE
OPP.	POLYETHYLENE
PE	UTILITY POTHOLE
PH	POINT OF CONNECTION
P.O.C.	PROPOSED
PROP	PATENT UTILITY EASEMENT
P.U.E.	POUNDS PER SQUARE INCH GAUGE
P.U.G.	REINFORCED CONCRETE BOX
RCB	REINFORCED CONCRETE PIPE
RCP	REFERENCE MONUMENT
RM	RATE OF FLOW CONTROL VALVE
ROFC	RAIL ROAD
R.W.	RIGHT-OF-WAY
SCH.	SCHEDULE
SD	STORM DRAIN
STD	STANDARD
STL	STEEL
STLT	STREET LIGHT
T.B.M.	TEMPORARY BENCHMARK
TO	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEL	TELEPHONE
TYP	TYPICAL
UGP	UNDERGROUND POWER
VERT.	VERTICAL
W/	WITH
WR #	WORK REQUEST NUMBER
WT.	WEIGHT

WELD PROCEDURES USED:

_____	_____
_____	_____
_____	_____
_____	_____
SIGNATURE _____	
DATE _____	

ISSUED FOR
CONSTRUCTION
05/10/04

BENCHMARK

CITY OF LAS VEGAS
BENCHMARK: BLV90 19C4

RIVET AND PLATE IN CONCRETE PAD (ELEC) +/- 200 FEET
NORTHWEST OF DEER SPRINGS AND GRAND CANYON.

ELEVATION = 832.783m (NAVD'88)
= 2732.22ft (NAVD'88)

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701).



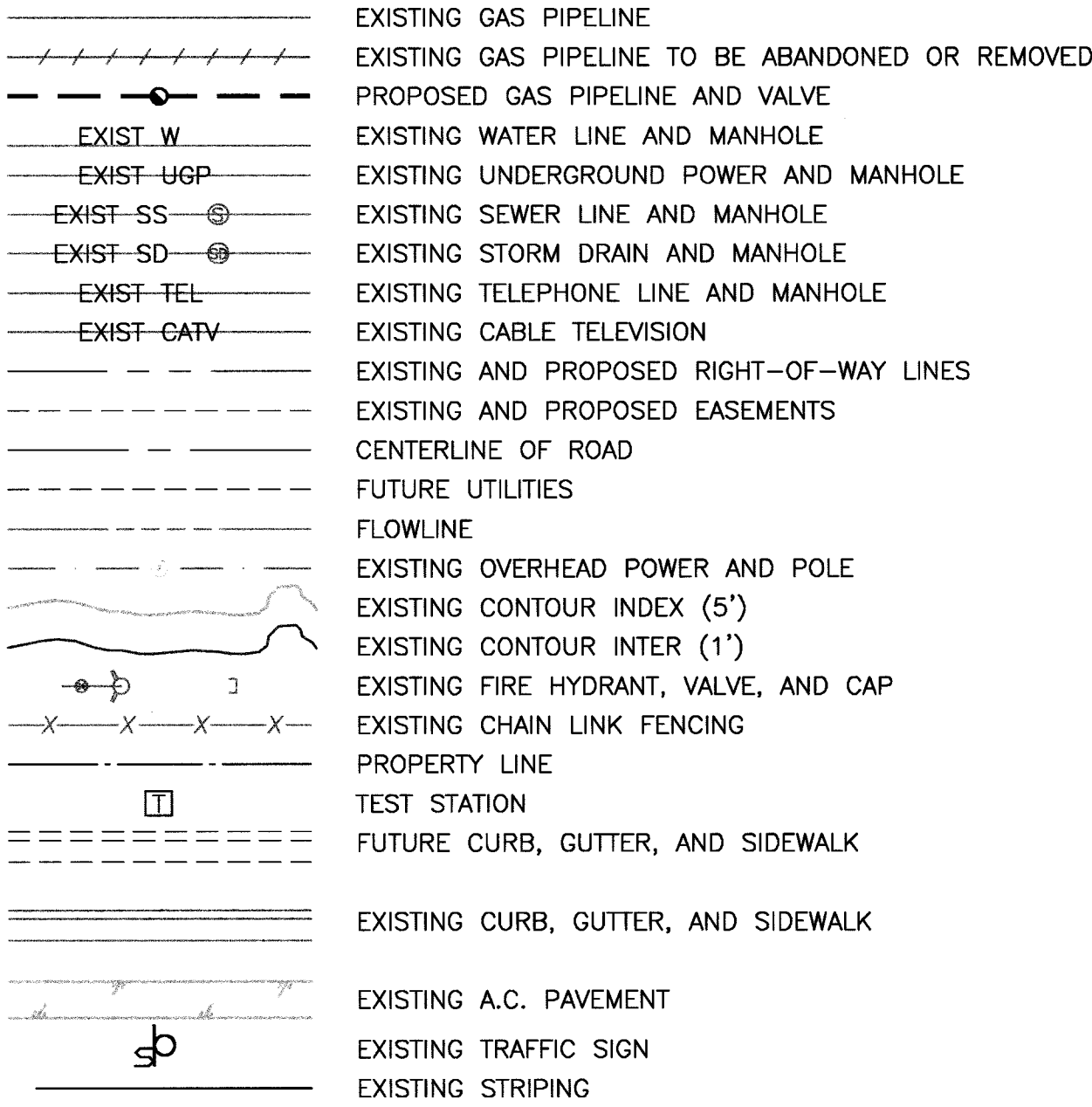
GENERAL NOTES

- SUGGESTED GAS LOCATIONS ARE TO CLEAR SUBSTRUCTURES. LOCATE IN FIELD.
 - ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
 - DO NOT SCALE THESE DRAWINGS.
 - ALL WELDS WILL BE 100% X-RAYED AND DOCUMENTED ON AS-BUILT DRAWINGS COMBINED WITH STATION AND ELEVATION INFORMATION.
 - PROFILE DEPTH INFORMATION IS APPROXIMATE FOR EXISTING MAIN. LOCATE IN FIELD.
 - DE-GAS AND RE-GAS PURGE PROCEDURE INCLUDED W/ PACKAGE.
 - REQUEST FOR SURVEYING AND STAKING SHALL BE MADE 48 HOURS IN ADVANCE, MINIMUM.
 - THE PIPELINE SHALL BE INSTALLED AS PER THE PLANS. THE SWG PROJECT ENGINEER MUST AUTHORIZE, IN WRITING, ANY PLAN MODIFICATIONS PRIOR TO IMPLEMENTATION.
 - FOR ELBOWS AT ANGLES OTHER THAN 45 AND 90 DEGREES, CONTRACTOR SHALL BEND PIPE TO FIT.
 - INTERMEDIATE LEAK TEST WILL BE REQUIRED. TEST RANGE: 100 PSIG TO 400 PSIG
 - EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE OWNER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS.
 - AFFECTED UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - CALL BEFORE YOU DIG 1-800-227-2600. CALL BEFORE YOU OVERHEAD 1-702-593-6111.
 - THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXISTING IMPROVEMENTS AND UTILITIES FROM DAMAGE. ALL SUCH IMPROVEMENTS AND UTILITIES DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 15 16" STEEL PIPELINE INSTALLED UNDER WR #19973 WILL BE PRESSURE TESTED WITH THIS PROJECT.
- 16 GUIDE BARS TO BE ADDED TO REDUCING BRANCH OF TEE (SEE DETAIL E, SHEET 15)
- 17 EXISTING TRAFFIC CONTROL DEVICE TO BE PROTECTED--IN-PLACE.

DEPT. OF DEVELOPMENT SERVICES CMIL
ENGINEERING DIVISION NOTES

- INSPECTIONS ARE REQUIRED. CALL 24 HOURS IN ADVANCE, 455-4610. YOUR PERMIT, APPROVAL PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
- EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
- CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2") INCH ABOVE THE LIP OF THE GUTTER (INCLUDING OPEN GRADE).
- ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, LATEST REVISION.
- PRIVATE STREETS, CURB & GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY PUBLIC WORKS INSPECTOR.
- PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE REMOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF DEVELOPMENT SERVICES, CIVIL ENGINEERING DIVISION INSPECTOR @ 455-4610.
- THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
- NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10') OF ANY TRAVEL-WAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATE ARE NOT TO BE CONSTRUED AS A TRENCH. NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OR LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICH EVER IS GREATER. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.
- A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
- COMPACTION TESTS ARE REQUIRED.

LEGEND



TRAFFIC NOTES

- 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.
- BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNSFOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
- ALL CONSTRUCTION SIGNING, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK - 1986 AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CLARK COUNTY AREA STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY AREA STANDARDS. ALL SIGNS SHALL USE TYPE III SHEETING.
- IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN SHOWN HEREON TO BE MOUNTED ON A SIGN POST, THEN CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
- PRIOR TO CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
- ALL TRAFFIC SIGNAL POLE ASSEMBLIES, STEEL PEDESTALS FOR CABINETS, AND STREET LIGHT POLES SHALL BE GALVANIZED PER ASTM A123.
- ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE STREET LIGHTING PLANS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION OF EACH.
- THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (FAST) INTERCONNECT CABLE. YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-7511 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF CALL BEFORE YOU DIG (UNDERGROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES.
- FAST INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE, WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATIONS MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO FAST. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY FAST, CITY OF LAS VEGAS, CLARK COUNTY AND NDOT AND MUST BE REPAIRED IMMEDIATELY TO FAST ACCEPTANCE. \$2,500 PER DAY DAMAGES MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
- ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING, SHALL HAVE INDEPENDENT LEAD-IN WIRES FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED.
- TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE L.E.D. TYPE.
- ELECTRICAL POWER SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON THE PLANS. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT.
- WHEN STREET LIGHTS ARE TO BE CONNECTED TO AN EXISTING CIRCUIT, THE ENGINEER MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD. CLARK COUNTY RESERVES THE RIGHT TO REJECT STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPED" APPEARANCE.
- PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION, OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.
- THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATION(S) TO A TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.

MATERIAL LIST - 16" STL WR #18852

ITEM	QUANTITY	ITEM ID	DESCRIPTION
1	7857	100-1376	PIPE, STEEL COATED, API5L, X-52, ERW, 16" ODx0.312" WT
2	2	140-3367	CAP, 16", STEEL, Y-52, 0.312" WT PREQUALIFIED
3	1	270-0565	TEE, 16"x16"x6", STEEL WELD, Y-52, 0.375" WT
4	1	270-0463	TEE, 16"x16"x10" STEEL WELD, Y-52, 0.312" WT
5	40	100-0127	PIPE, STEEL, COATED, X-46, ERW, 6-5/8" ODx0.280" WT
6	25	100-1294	PIPE, STEEL, COATED, API5L X-42, ERW 4-1/2" ODx0.237" WT
7	1	999	TEE, 6"x6"x4", STEEL WELD, Y-52, 0.280" WT
8	133	100-1342	PIPE, STEEL COATED, API5L, X-46 ERW, 10-3/4" ODx0.250" WT
9	2	140-3330	CAP, 10", STEEL, 0.219" WT, GRADE Y-52 PREQUALIFIED
10	2	140-3050	CAP, 6", STEEL WELD, 6-5/8"OD 0.280" WT, GRADE Y-52
11	2	140-3031	CAP, 4", STEEL WELD, 4-1/2"OD 0.237" WT, GRADE Y-52
12	1	120-3731	VALVE, BALL, STEEL, 4", WELD ENDS, ANSI 300
13	1	120-4146	VALVE, BALL, STEEL, 6", WELD ENDS, ANSI 300
14	1	999	VALVE, BALL, STEEL, 10", WELD ENDS, ANSI 300
15	1	270-0283	VALVE, BALL, STEEL, 16", WELD ENDS, ANSI 300
16	6	140-4556	ELBOW, STEEL, 16", 3R, 45 DEGREE, 0.312" WT, GRADE Y-52
16a	2	140-4552	ELBOW, STEEL, 10", 3R, 45 DEGREE, 0.250" WT, GRADE Y-46, PREQUALIFIED
17	4	251-2300	ANODE, 32#, MAGNESIUM HIGH POTENTIAL, 10" OG #12 OR #14 TYPE TW OR THWN WIRE
18	2	251-2406	TEST STATION, 4"x18" LONG, ABS POLYMER W/5 FEED THROUGH POST TYPE TERMINALS
19	325	170-9240	SHRINK SLEEVE FOR 16" STEEL PIPE, 24" WIDTH, WRAP AROUND
20	6	170-8034	SHRINK SLEEVE FOR 10" STEEL PIPE, 24" WIDTH, WRAP AROUND
21	3	163-7100	RING/COVER, MANHOLE 24" DIAMETER x 4" HEIGHT
22	18	163-7000	GRADE, RING MANHOLE 24" INSIDE DIAMETER x 32" OUTSIDE DIAMETER 12" HEIGHT
23	1	140-4047	ELBOW, STEEL WELD, 4" 90 DEGREE LONG RADIUS, 0.237" WT, GRADE Y-52, PREQUALIFIED

MATERIAL LIST 4" PE WR #18854

24	4000 LF	100-5207	PIPE, 4" IPS SDR11, HIGH DENSITY POLYETHYLENE (8100) 1000 FOOT COIL.
25	2003 LF	100-5201	PIPE, 4" IPS BYSDR11, HIGH DENSITY POLYETHYLENE (8100), 40 FOOT JOINTS.
26	7	140-5311	TEE, REDUCING, 4"x4"x2" PE IPS SDR11
27	2	140-3062	CAP, PE, 4" IPS
28	1	120-3729	VALVE, BALL, PE, 4"
29	2	140-3638	TEE, PE, 4"
30	4		COUPLING, MECHANICAL, 4" PE IPS SDR 11

MATERIAL LIST 2" PE WR #18854

31	7	140-3060	CAP, PE, 2" IPS
32	208 LF	100-5133	PIPE, 2" IPS, SDR11, HIGH DENSITY POLYETHYLENE (8100) 20 FT JOINTS.

MATERIAL LIST 6" PE WR #18854

33	53	100-0033	PIPE, 6" IPS, SDR11, HIGH DENSITY POLYETHYLENE (8100), 40 FT JOINTS.
34	1	140-3064	CAP, PE, 6" IPS
35	2	140-3078	TEE, REDUCING, 6"x6"x4" PE IPS SDR11

MATERIAL LIST FOR 2" CVT PURGE STACK

36	20 LF	100-1266	PIPE 2" BARE STL, 0154"WT, GRD B
37	2	140-4055	ELBOW STEEL, WELD END, 2 INCH, 90 DEGEE, LR, GRD B, 0.154" WALL THICKNESS
38	2	160-8016	CURB VALVE TEE, 2", MUELLER, RATED FOR 1440 PSIG.
39	2	705-0990	COUPLING, FORGED STEEL, STANDARD, 2 INCH, NPT TAPERED, SCREWED 3000 POUND.
40	2	141-4790	SWAGE NIPPLE, XH, 2"x 3/4", THREADED.
41	2	120-4123	BALL VALVE, 3/4", THREADED, RATED FOR 2000 PSIG.
42	2	850-9188	PLUG, CARBON STEEL, GRAY COATED, 3/4 INCH, SQUARE HEAD SOLID, SCREWED, TAPERED.

FOR STEEL ONLY:

PROP TO SOIL _____

ANODE INSTALLED?

☐ YES ☐ NO
IF YES, PIPE TO SOIL _____

TYPE OF PIPE COATING

- 2 ☐ TAR WRAP
3 ☐ ASPHALT
4 ☐ PRTEC
6 ☐ FUSION BONDED EPOXY
8 ☐ PLASTIC TAPE WRAP
9 ☐ EXTRUDED POLY COATING
10 ☐ OTHER _____

CONDITION OF PIPE COATING

- E ☐ EXCELLENT
G ☐ GOOD
F ☐ FAIR
P ☐ POOR
N ☐ NO COATING

CONDITION OF PIPE

IF EXPOSED. _____ IF CUT OR COUPON. _____
EXTERNAL _____ INTERNAL _____

- EG ☐ GOOD ☐ IC
ESC ☐ SLIGHT CORROSION ☐ ISC
EHC ☐ HEAVY CORROSION ☐ IHC

PIG INFORMATION

MAKE	STYLE	CONDITION
.		
.		
.		
.		

PURGE WAS COMPLETED IN ACCORDANCE
WITH OPERATIONS MANUAL.

BY: _____

SIGNATURE _____ DATE _____

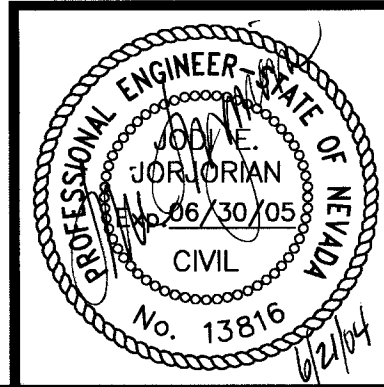
VALVE SHEET REQUIRED

YES ☐ NO ☐

MSA-_____

DESIGN LOAD:_____ CFH. 5. _____
SX#: _____

REVISED



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Sheet No. 2 of 16	Scale N/A
Dwn. By JMA	Chkd. By JEJ
Appvd. By JEJ	

SI-CC GRAND CANYON DRIVE
16" STL 720# EXTENSION
GENERAL NOTES, LEGEND
& ABBREVIATIONS

10711446-SWG