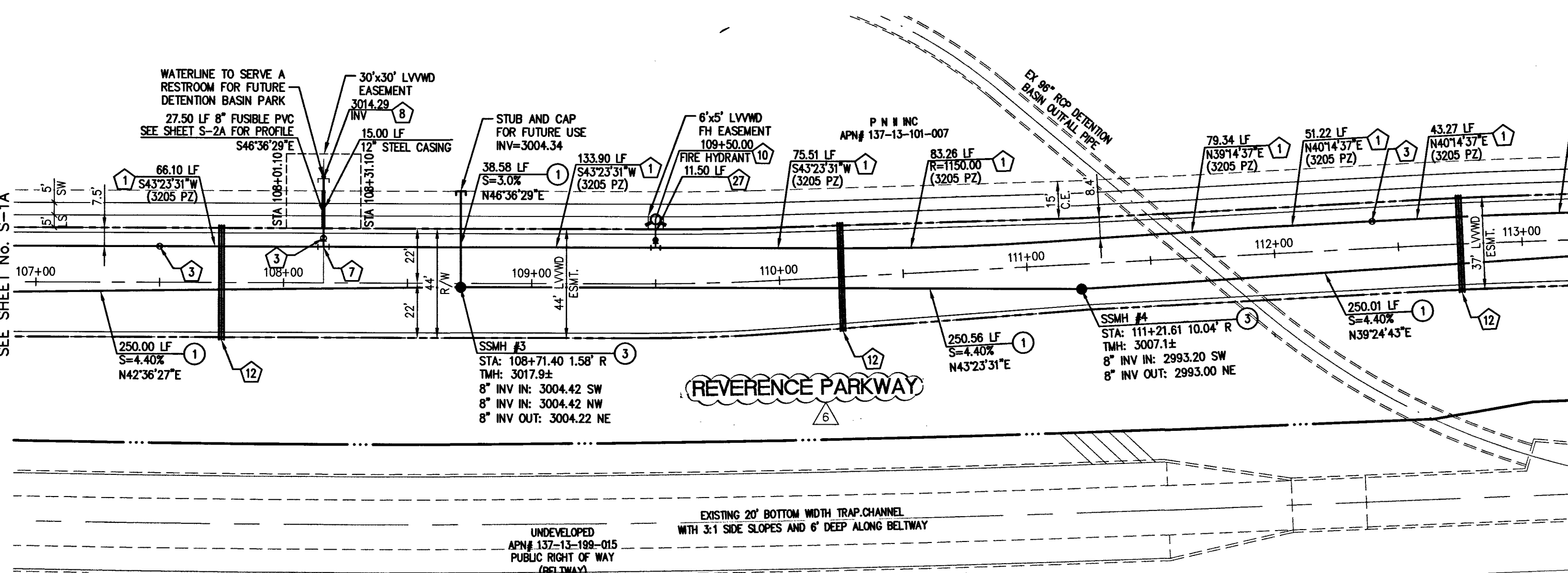


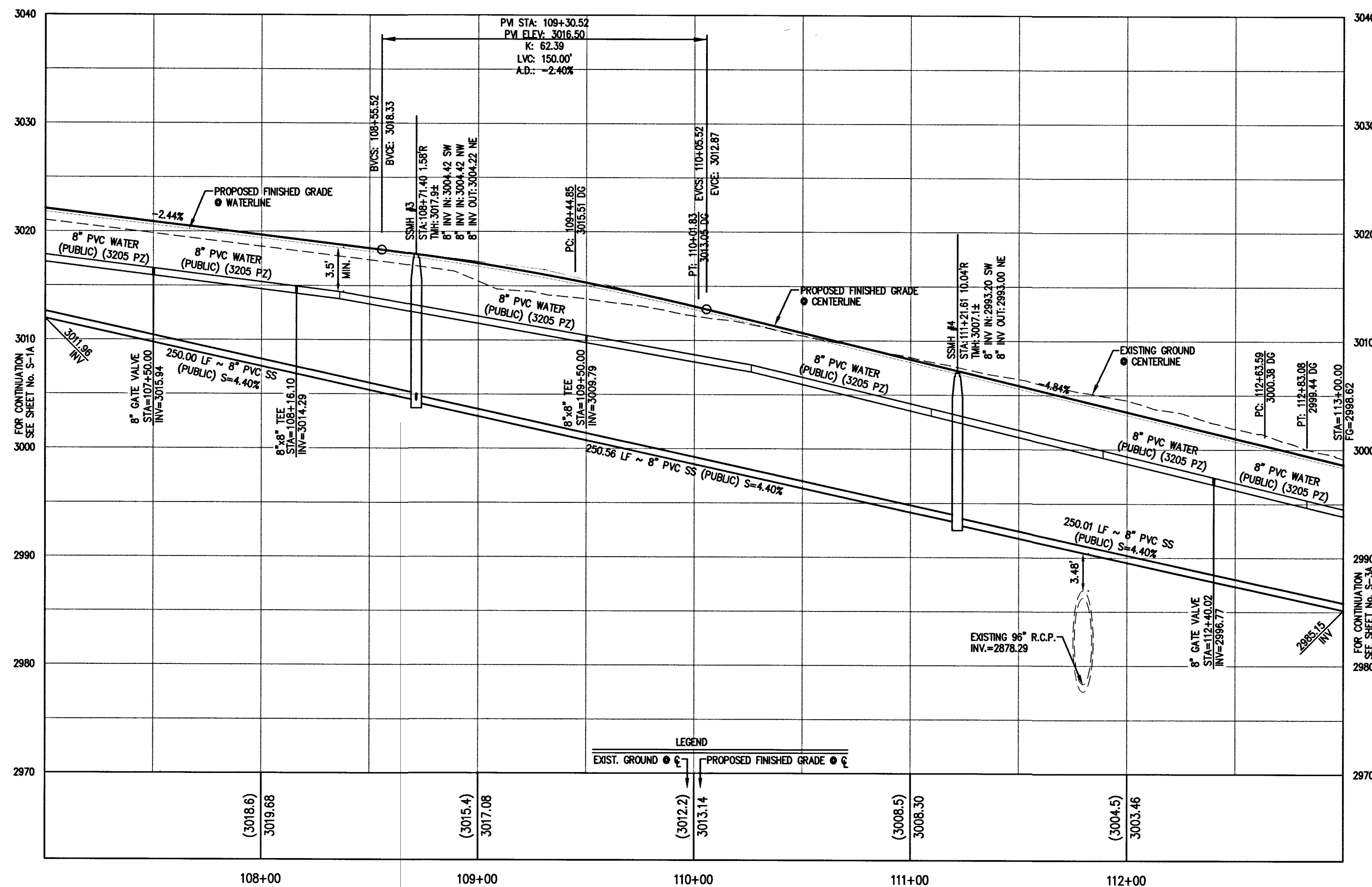
REFERENCE PKWY
(PUBLIC)

FOR CONTINUATION
SEE SHEET NO. S-1A

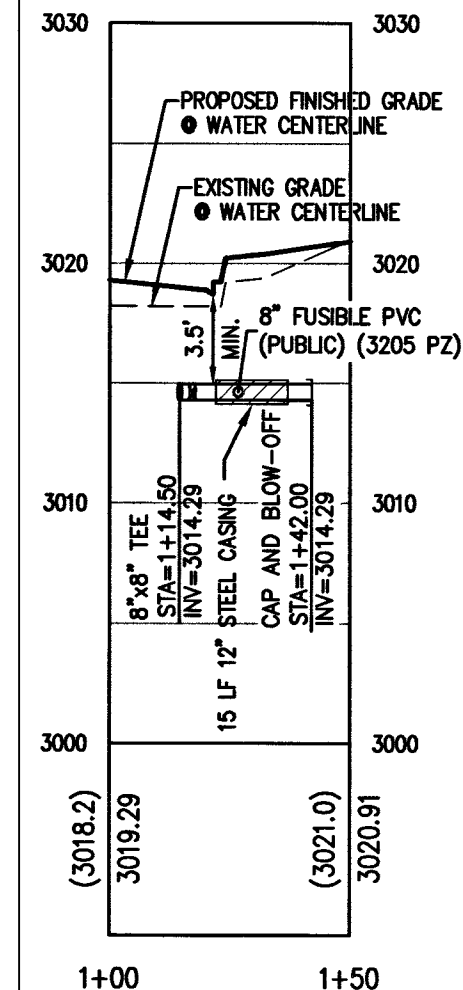


REFERENCE PARKWAY
PUBLIC STREET

SCALE: HORIZ. 1"=40'
VERT. 1"=8'



8" FUSIBLE PVC WATER



NOTE:

THE FINISHED GRADE OVER THE WATER MAIN PROPOSED WITH THIS PROJECT MUST BE INSTALLED BY SUMMERLIN V26 REFERENCE PHASE 1, LVWD PROJECT #124753, PRIOR TO FINAL ACCEPTANCE OF THIS PROJECT.

FOR ALL DRY UTILITY CROSSINGS (WATER)

- MAINTAIN MINIMUM 12" VERTICAL SEPARATION AT ALL POINTS OF CROSSING
- MAINTAIN MINIMUM 3" PARALLEL SEPARATION
- ANY EXCAVATION AT BACK OF CURB MUST REMAIN OPEN FOR INSPECTION OF COPPER SERVICE LATERALS. ANY COPPER SERVICE LATERAL KINKED, BENT OR OTHERWISE DAMAGED MUST BE REPLACED FROM THE MAIN TO THE ANGLE METER STOP.

BASIS OF BEARING

SOUTH 89°39'55" EAST, BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 13, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP THEREOF ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

LEGEND

- EXISTING FIRE HYDRANT W/6" G.V. & F.H. LOCATOR BUTTON-UDACS PLATE 40.
- EXISTING WATER LINE
- EXISTING GATE VALVE
- FIRE HYDRANT W/6" G.V. & F.H. LOCATOR BUTTON-UDACS PLATE 40.
- WATER LINE
- PRIVATE
- 2" BLOW-OFF PER UDACS STD. PLATE No. 36.
- 1 1/2" TYPE K COPPER WATER LATERAL W/12" IRRIGATION METER
- UDACS PLATE 4 W/12" R.P.P.A. - UDACS PLATE 8.
- GATE VALVE
- SEWER MANHOLE
- STORM DRAIN LINE

Call before you Dig
Avoid cutting underground utility lines. It's costly.



1-800-227-2600

FAST
Call before you UnderGround
1-702-432-5300
FREEMAN AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you DO OVERHEAD
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.



SEWER CONSTRUCTION NOTES

KEY	ITEM
1	INSTALL 8" PUBLIC PVC SEWER LINE.
2	INSTALL 12" PUBLIC C900 SEWER LINE.
3	INSTALL 48" SANITARY SEWER MANHOLE PER SD-1A AND SD-1B.
4	CUT EXISTING SEWER AND INSTALL NEW MANHOLE. MATCH EXISTING INVERT.
5	ADJUST TO GRADE
6	INSTALL 12" PUBLIC PVC SEWER LINE.
7	INSTALL 60" SANITARY SEWER MANHOLE PER SD-1A AND SD-1B.

WATER CONSTRUCTION NOTES

KEY	ITEM
1	INSTALL 8" PVC PUBLIC WATER MAIN
2	INSTALL 8" DIP PUBLIC WATER MAIN.
3	INSTALL 8" GATE VALVE. VALVES SHALL NOT BE LOCATED IN STREET VALLEY GUTTERS OR WITHIN THE PROPOSED CURB & GUTTER LOCATIONS. UDACS PLATE 30 & 39
4	INSTALL 8" - 5' BEND UDACS PLATE 31
5	INSTALL 8" - 45' BEND UDACS PLATE 31
6	INSTALL 8" - 90' BEND UDACS PLATE 31
7	INSTALL 8" TEE UDACS PLATE 31
8	8" CAP W/ 2" BLOW-OFF PER UDACS PLATE No. 36
9	1 1/2" IRRIGATION SERVICE LAT. W/ 1 1/2" METER AND 1 1/2" R.P.P.A. PER UDACS PLATE 4 & 8
10	INSTALL FIRE HYDRANT ASSEMBLY PER UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS) PLATE No. 40
11	8" CAP W/ 2" BLOW-OFF PER UDACS PLATE No. 36
12	INSTALL IRRIGATION SLEEVES 1-8" AND 2-4" SCH. 40 PVC (SEE DETAIL 25 ON SHEET D-1).
13	INSTALL STEEL CASING PER UDACS PLATE 22 & 23
14	* ALL WATER MAIN IN CASING TO BE DIP
15	INSTALL 16" C905 PUBLIC WATER MAIN
16	INSTALL 16" DIP PUBLIC WATER MAIN
17	INSTALL 16" CLASS 53 DIP PUBLIC WATER MAIN
18	INSTALL 16" - 5' BEND W/ RESTRAINED JOINTS ON EACH END
19	INSTALL 16" - 11.25' BEND
20	INSTALL 16" - 22.5' BEND
21	INSTALL 16" - 45' BEND
22	INSTALL 16" - 90' BEND
23	INSTALL 16" X 8" REDUCER
24	CONSTRUCT CLASS 1 CLSM TRENCH BACKFILL PER UDACS PLATE 16 AND 19
25	INSTALL 16" GATE VALVE. VALVES SHALL NOT BE LOCATED IN STREET VALLEY GUTTERS OR WITHIN THE PROPOSED CURB & GUTTER LOCATIONS. UDACS PLATE 30 & 39
26	INSTALL TYPE "C" TEST STATION WITHOUT ANODE PER DETAIL 1 ON SHEET D-2A
27	INSTALL 4" COMBINATION AIR VALVE PER UDACS PLATE 38
28	INSTALL 6" PVC PUBLIC WATER MAIN
29	INSTALL 8" X 6" REDUCER UDACS PLATE 30
30	INSTALL 16" X 8" TEE
31	INSTALL 6" - 90' BEND UDACS PLATE 31
32	16" CAP W/ 2" BLOW-OFF PER UDACS PLATE No. 36
33	INSTALL 8" X 6" TEE
34	INSTALL 16" X 8" TEE
35	INSTALL 6" MANUAL BLOW-OFF ASSEMBLY PER UDACS PLATE No. 37

ANNUAL SPACE BETWEEN PIPE AND CASING SHALL BE FILLED WITH FINE SAND OR CONTROLLED LOW STRENGTH MATERIAL (CLSM 50 PSI - 75 PSI). SEE UDACS PLATES 16, 17, 18, AND 19 FOR BEDDING AND BACKFILL REQUIREMENTS.
ESN. 038A
REVISED 01/05/15

NOTE:

APPROVAL OF THESE PLANS FOR THE WATER SUBOUT INSTALLATION WILL NOT BE CONSIDERED AS A COMMITMENT FOR WATER SERVICE TO THIS PROPERTY.

CONDITIONAL APPROVAL OF VALVED OUTLET (8" AND LARGER)

THE WATER PLANS SHOW ONE OR MORE VALVED OUTLETS EXTENDING OUT OF PAVED AREAS. INSTALLATION OF THESE OUTLETS IS ACCEPTABLE, HOWEVER, IF THE OUTLETS ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON WHEN THE PROPERTY IS ACTUALLY DEVELOPED, THE DEVELOPER SHALL ABANDON THE OUTLETS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE DISTRICT'S STANDARDS AND AT THE DEVELOPER'S EXPENSE. APPROVAL OF THE VALVED OUTLET DOES NOT PROVIDE OR IMPLY A WATER COMMITMENT.

APPROVED FOR CONSTRUCTION

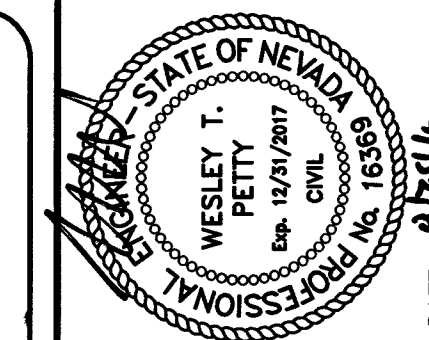
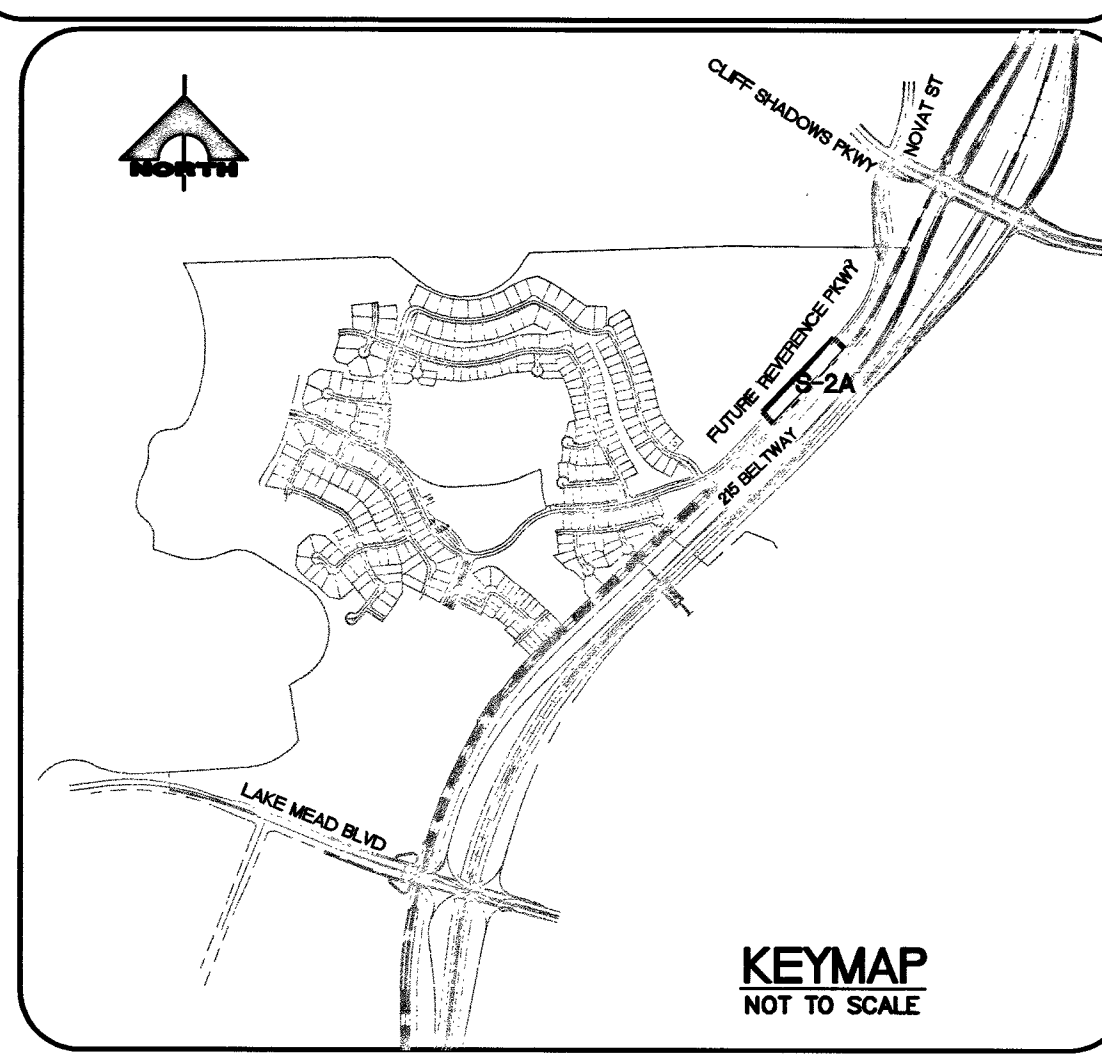
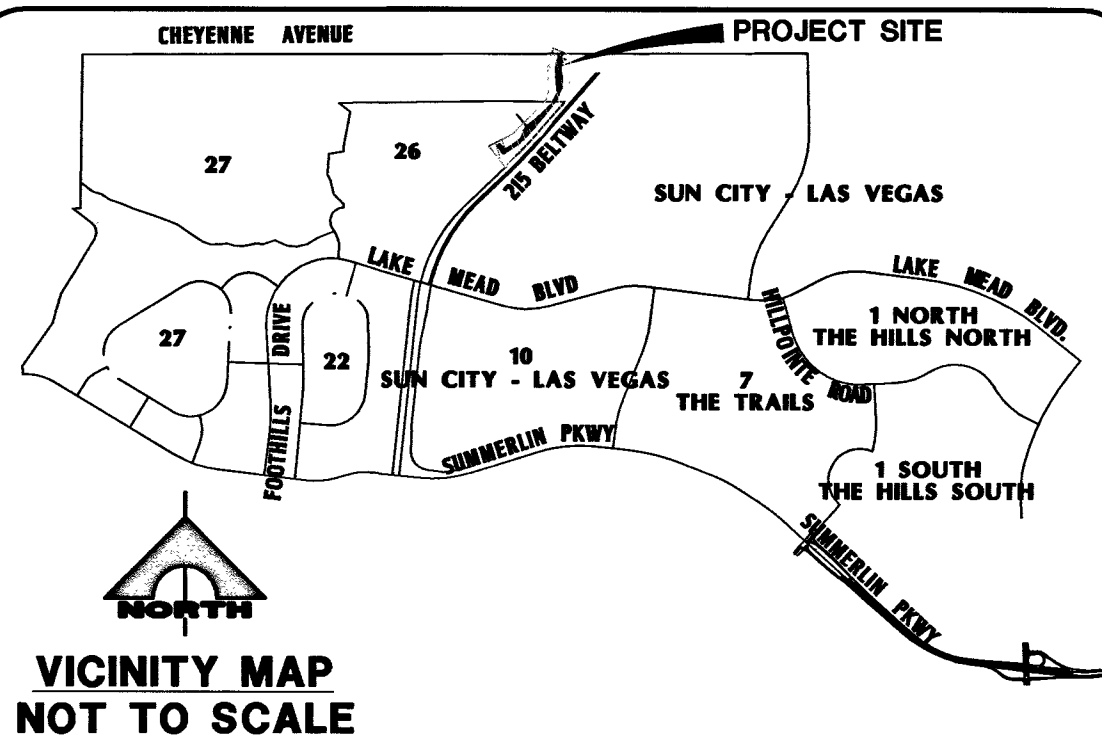
Las Vegas Fire and Rescue
FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL
DATE: 8-30-16

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District
PROJECT #124656
LVWD APPROVED FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL
DATE: 10/14/16

BENCHMARK

PROJECT DATUM: SUMMERLIN VILLAGE 26 - REFERENCE PROJECT MODIFIED DATUM
CLARK COUNTY VERTICAL CONTROL POINT: 5LV09 1456
SUMMERLIN VILLAGE 26 - REFERENCE PROJECT MODIFIED DATUM: 3227.64 FEET
NAVOD88 DATUM: 983.659 METERS (3227.22 FEET)
RIVET & PLATE IN HEAD WALL WEST OF CC215 +/- 250' NORTH OF LAKE MEAD.
TO OBTAIN SUMMERLIN VILLAGE 26 - REFERENCE PROJECT MODIFIED DATUM ADD 0.42 FEET TO NAVOD88 DATUM.



PROJECT NO.	764-204-018
DESIGNER	HN
DRAWN	HN
CHECKED	WP
DATE	08-23-16
REVISION	17.05.25
DESCRIPTION	

PROJECT NO. 764-204-018
DESIGNER: HN
DRAWN: HN
CHECKED: WP
DATE: 08-23-16
REVISION: 17.05.25
DESCRIPTION:

1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2000
F: 702.804.2299
gcvengineering.com
ENGINEERS & SURVEYORS
Nathan Lim

DESERT HOPE DRIVE - ACCESS ROAD - (AKA REFERENCE PARKWAY)
PULTE HOMES
STREET PLAN AND PROFILE
(REFERENCE PARKWAY)

DRAWING
S-2A
15A OF 26 SHTS
H# 18839
CLV DWG# 1074950-AB