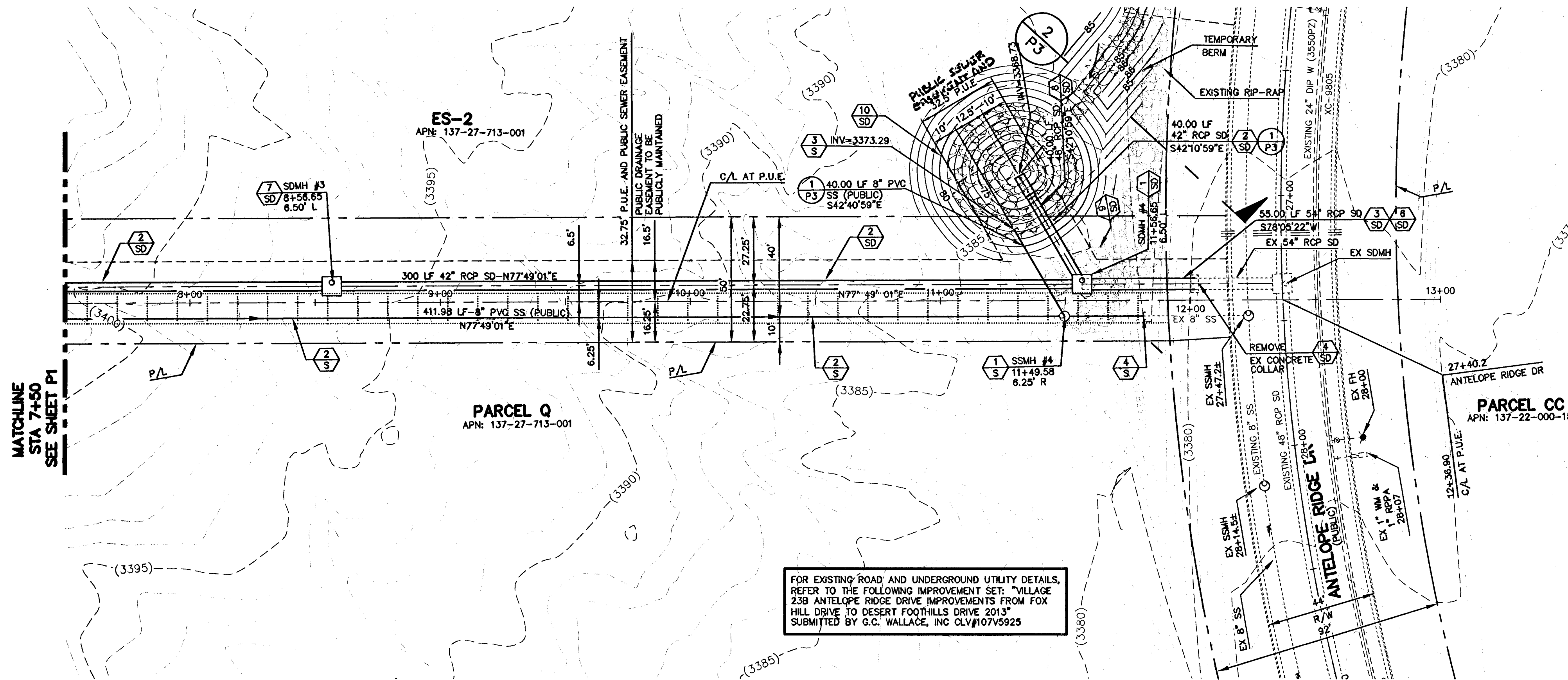
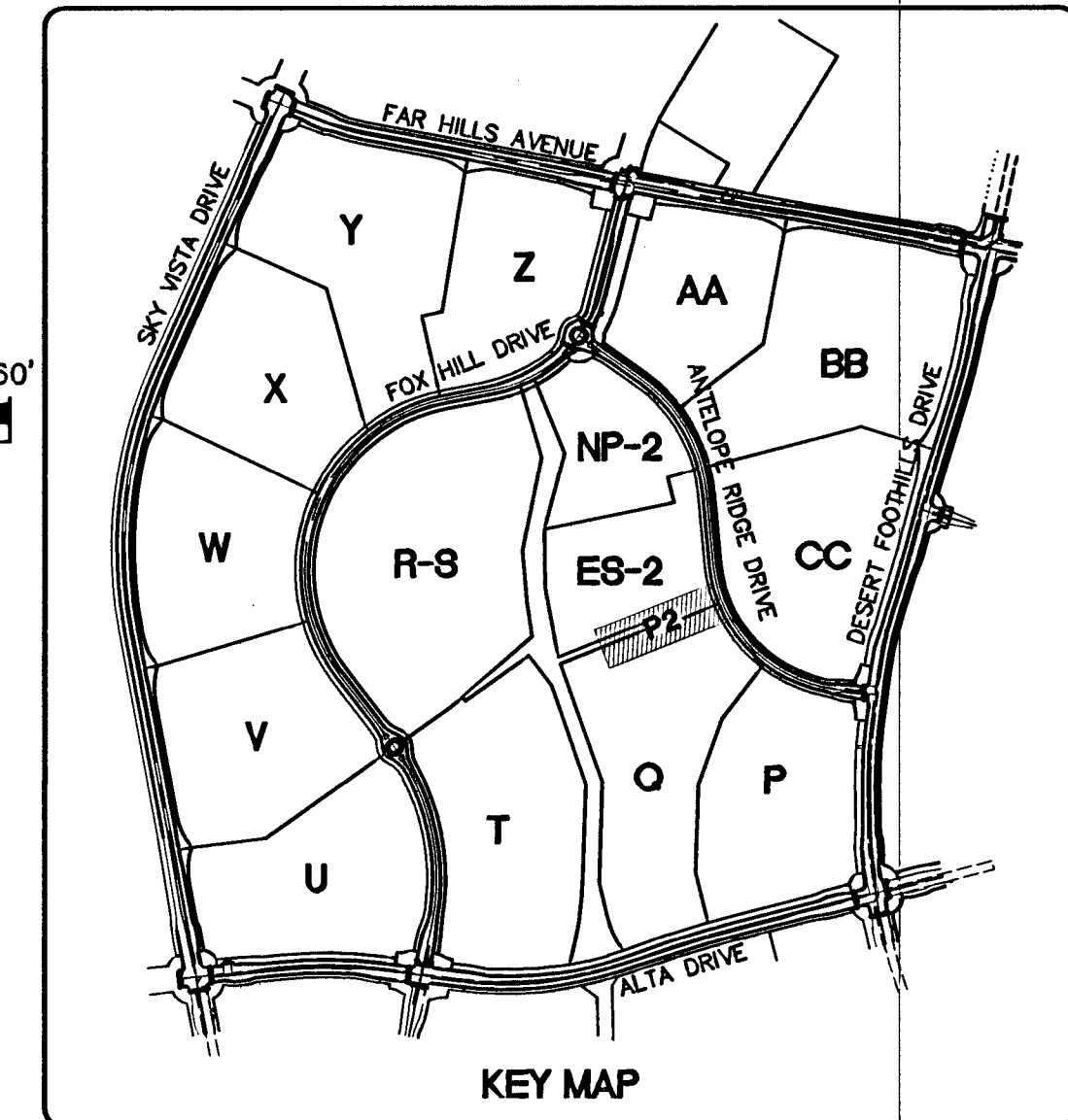
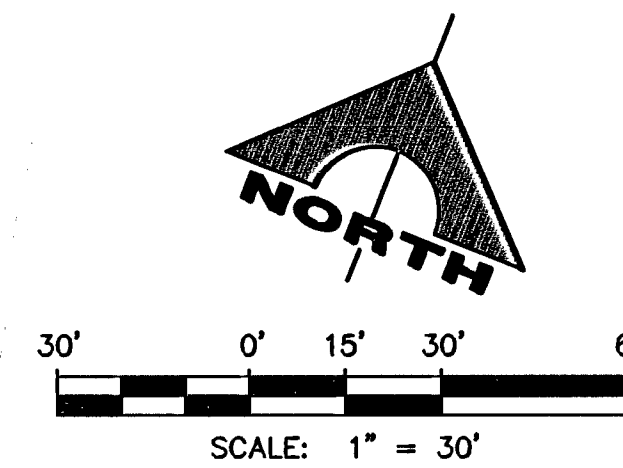
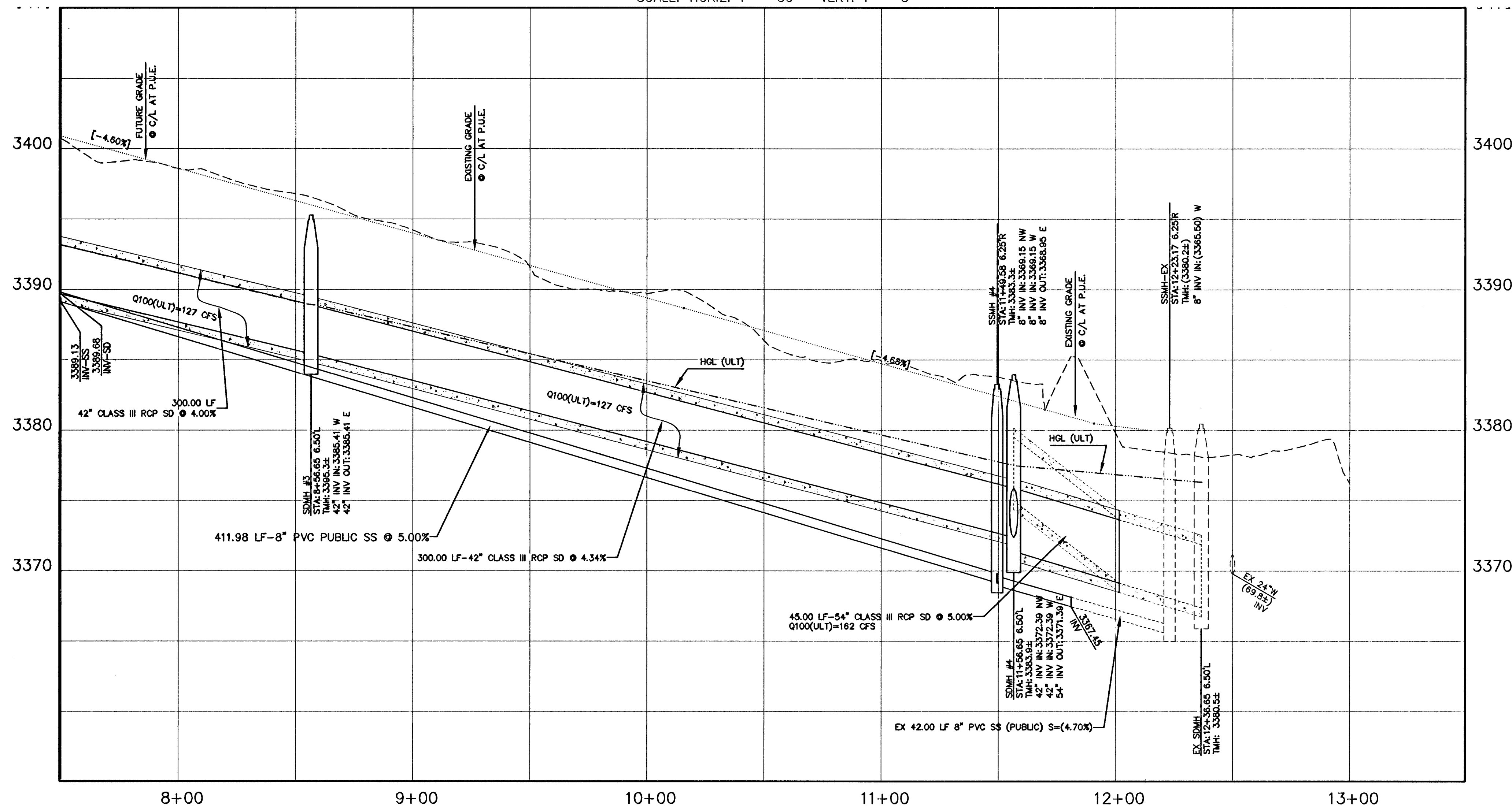




STORM DRAIN AND SEWER OUTFALL

SCALE: HORIZ. 1" = 30' VERT. 1" = 5'



CONSTRUCTION NOTES	
SEWER	
1. INSTALL 48" DIA. SEWER MANHOLE WITH BOLT DOWN COVER	SD-1A DCS
2. INSTALL 8" PVC SANITARY SEWER PIPE	SD-16 DCS
3. INSTALL TEMPORARY PLUG AND CAP.	
4. REMOVE EX. PLUG & CONNECT TO EX. SEWER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EXISTING SEWER LINE) PRIOR TO CONSTRUCTION	
STORM DRAIN	
1. INSTALL TYPE II STORM DRAIN MANHOLE	408 USD
2. INSTALL 42" CLASS III RCP STORM DRAIN PIPE.	
3. INSTALL 54" CLASS III RCP STORM DRAIN PIPE.	
4. CONNECT TO EXISTING STORM DRAIN LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EXISTING STORM DRAIN LINE)	
5. REMOVE EXISTING 54" RCP STORM DRAIN PIPE.	
6. INSTALL TYPE III STORM DRAIN MANHOLE	408 USD
7. INSTALL 48" CLASS III RCP STORM DRAIN PIPE.	
8. REMOVE EXISTING RIP-RAP, FILL AND COMPACT TO DESIGNED GRADE.	
9. INSTALL RIP-RAP, D50=12", T=24".	
10. INSTALL CONCRETE COLLAR PER DETAIL "A" ON SHEET 4.	

CONTRACTOR NOTE:
ALL EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND RELOCATE THESE UTILITIES AS NECESSARY. NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO LIABILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

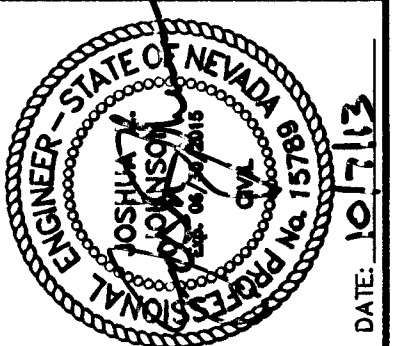
BENCHMARK		
DESC.	NAVD 88 DATUM	NAVD 88 DATUM
RIVET AND PLATE IN TOP OF CURB NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE	3304.45 (FEET)	1007.197 (METERS)
CLV BM No. 5LV09 34NE8		

BASIS OF BEARINGS
NORTH 89°45'05" EAST BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY MAP ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

APPROVED FOR CONSTRUCTION
[Signature]
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 122199 DATE: 10/11/13



NOTE
THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS.



PROJECT NO.	DATE	DESCRIPTION
620238-215	10/11/13	STORM DRAIN AND SEWER OUTFALL IMPROVEMENTS
DESIGNER: HN	DATE: 10-08-13	
DRAWN: HN	DATE: 10-08-13	
CHECK: DY	DATE: 10-08-13	
PLotted: HN	DATE: 10-08-13	
DATE: 11-08-17		

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
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LAS VEGAS, NEVADA
F:\Projects\600\620238-215 DWG\Production\215-06-P1.dwg
Diamond Ton

SUMMERLIN
VILLAGE 238 PARCEL R-8
STORM DRAIN AND SANITARY SEWER OUTFALL IMPROVEMENTS
UTILITY PLAN AND PROFILE
FROM STA 7+50 TO STA 11+50
DRAWING
P2
7 OF 8 SHTS

H# 51345 CLV DRAWING NO. 107V 6/27