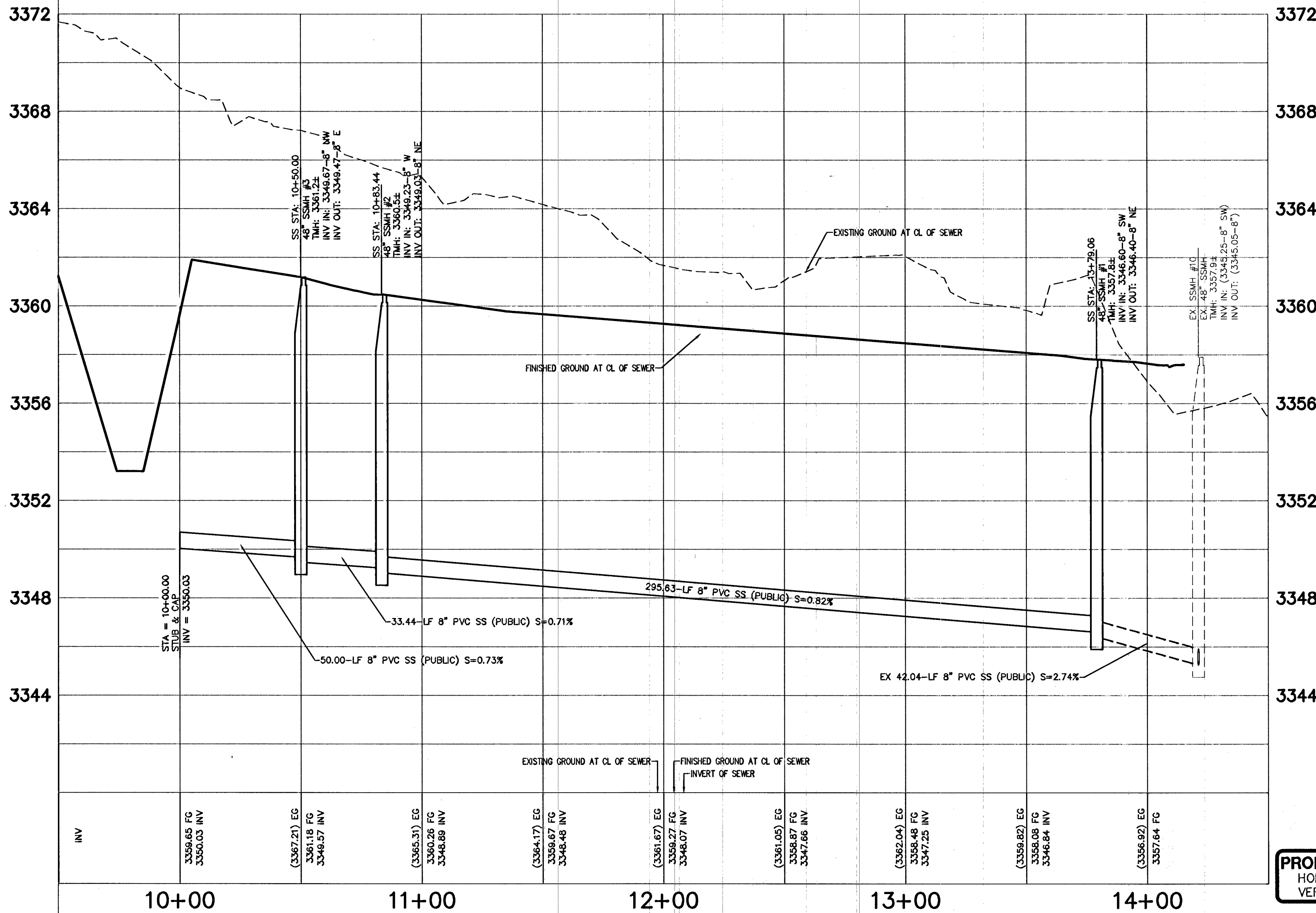
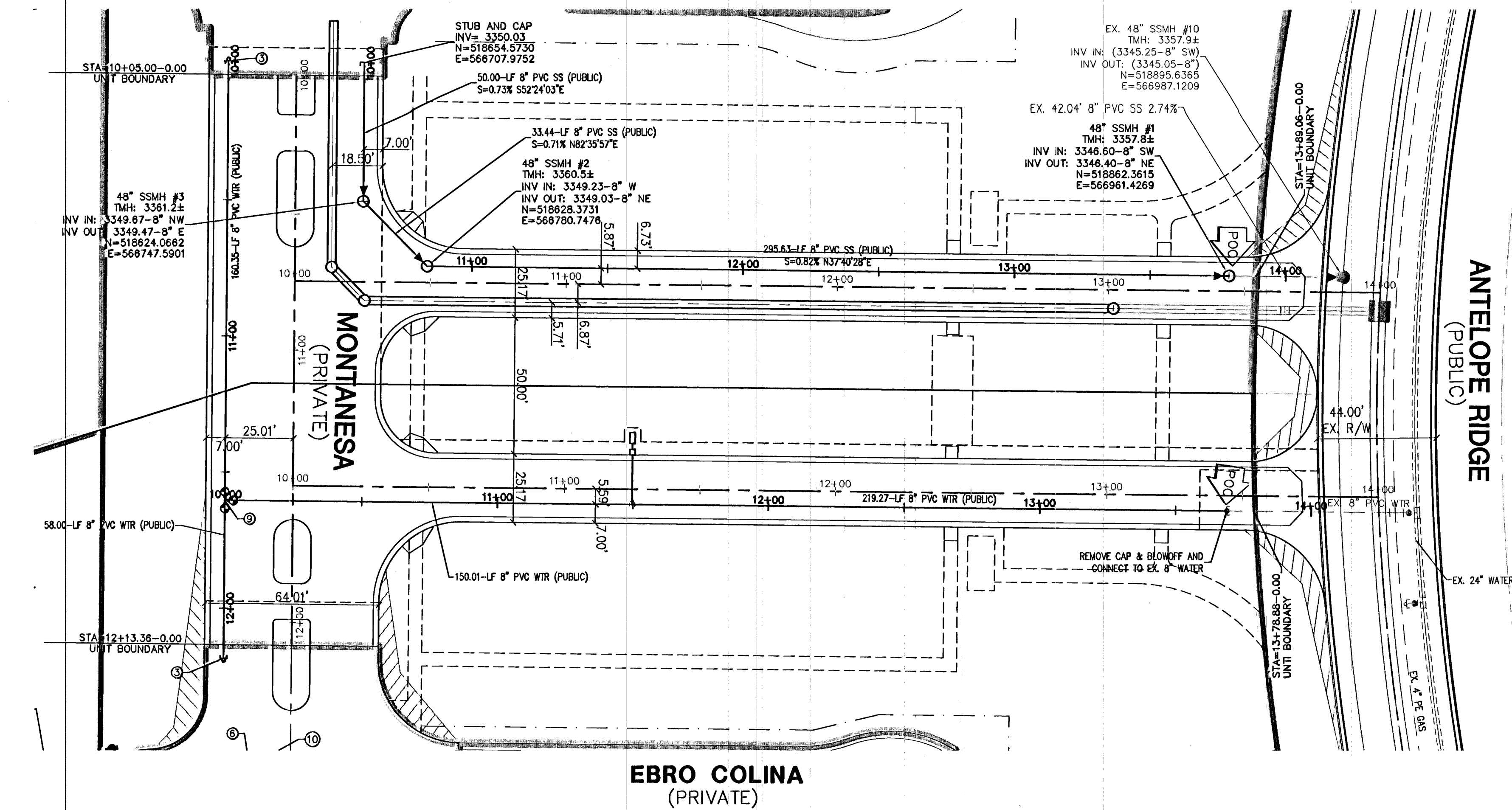
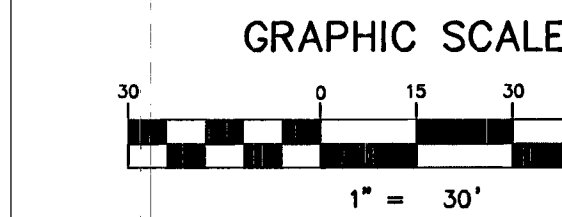




PROFILE SCALES:
 HORZ. = 1" = 30'
 VERT. = 1" = 3'



ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

EXISTING SERVICES
 IF ANY OF THE EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON, THE DEVELOPER SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE UDACS STANDARDS, AND AT THE DEVELOPER'S EXPENSE.

NOTE
 ALL STATION LABELS IN THIS DRAWING ARE CENTERLINE OF SEWER PIPE. STREET CENTERLINE STATIONS ARE SHOWN FOR REFERENCE ONLY.

ENGINEER DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

WATER MAIN JOINT DEFLECTION (PVC, 4" - 24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET. PER UDACS 2.07.01 AND 2.07.02.

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

NOTE

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE No. 15

NOTE:

VERIFY AND LOCATE ALL EXISTING UTILITIES WITHIN THE PROJECT WORK AREA.

UTILITY CROSSING NOTE:

ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CITY OF LAS VEGAS BENCHMARK: 5LV09:34NE6 2008 ADJUSTMENT (UPDATED 5/24/10) NAVD88 ELEVATION: 1007.197 METERS (3304.45 FEET)

RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA.

BASIS OF BEARINGS

NORTH 89°48'40" EAST - BEING THE BEARING OF THE NORTH LINE OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN BY THAT PARCEL MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 118 OF PARCEL MAPS, AT PAGE 100.

WATER

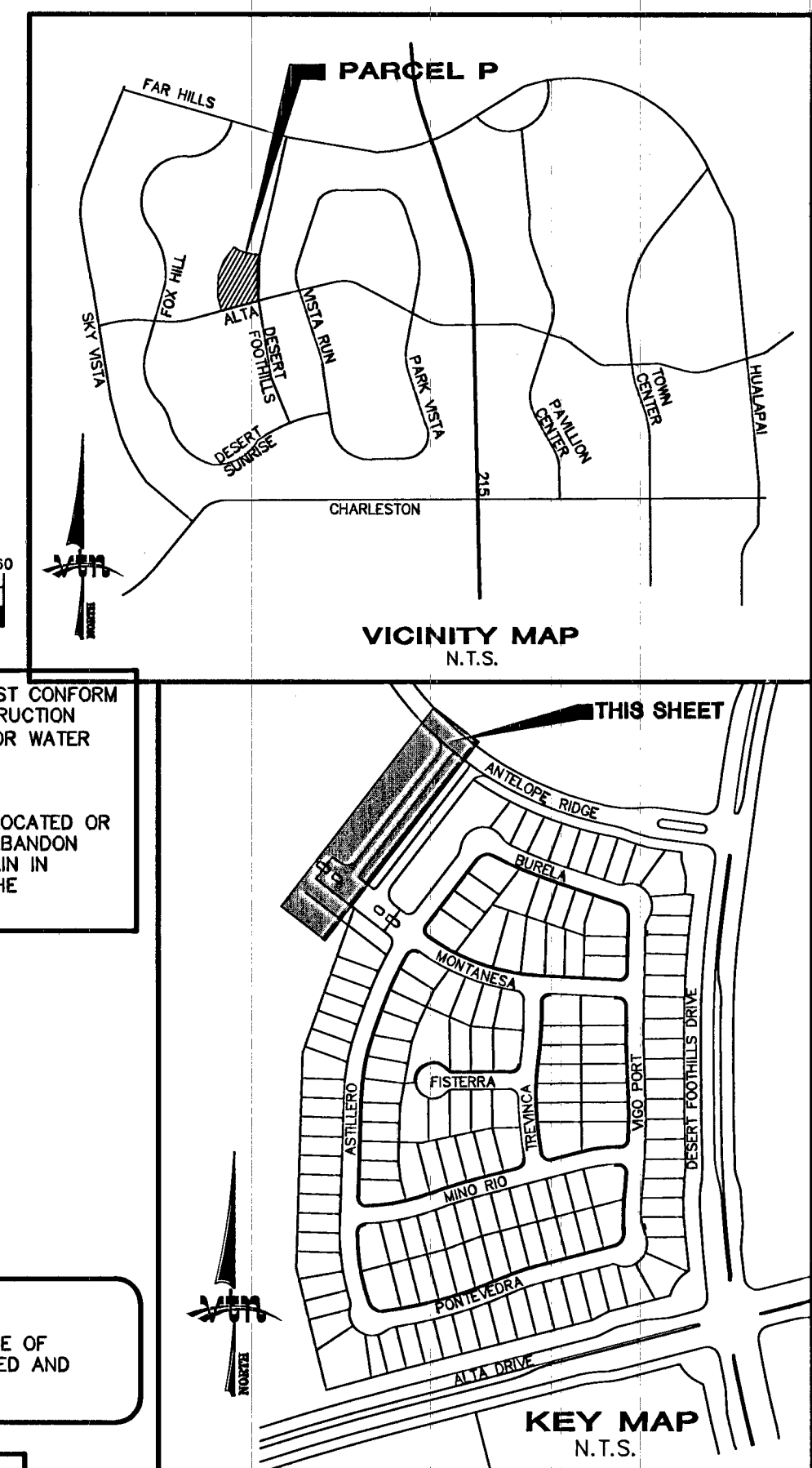
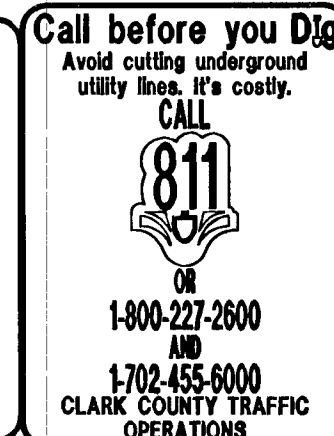
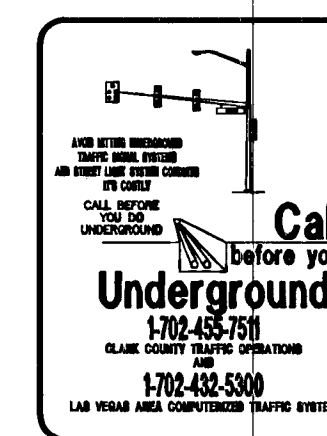
- ① 8"x8" TEE PER UDACS PLT. 31
- ② 8" GATE VALVE PER UDACS PLTS. 30 & 39
- ③ 8" CAP W/ 2" B.O PER UDACS PLT. 38
- ④ 3/4" IRRIGATION METER W/ 1" RPPA PER UDACS PLT. 4 & 8 (BRASS BETWEEN METER & RPPA)

SEWER

- STANDARD MANHOLE PER SD-1A & SD-1B
- 8" SEWER MAIN PER SD-16

SEWER MANHOLE TABLE

STRUCTURE NAME:	DETAILS:	PIPES IN:	PIPES OUT:	NORTHING	EASTING
SSMH #3	48" RIM = 3361.18	3349.87 (NW)	3349.47 (E)	518624.0682	568747.5901
SSMH #2	48" RIM = 3360.47	3349.23 (W)	3349.03 (NE)	518628.3731	568780.7478
SSMH #1	48" RIM = 3357.81	3348.60 (SW)	3348.40 (NE)	518682.3615	566961.4269
EX. SSMH #10	48" RIM = 3357.90	3345.25 (SW)		518895.6365	566987.1209



RYLAND HOMES
 8925 W. RUSSELL ROAD, STE 200
 LAS VEGAS, NEVADA 89148
 (702) 360-7500

SEWER PLAN AND PROFILE
EBRO COLINA

SUMMERLIN VILLAGE 23B
PARCEL P & Q SHARED ENTRY

CITY OF LAS VEGAS
 2727 SOUTH RAINBOW BOULEVARD
 LAS VEGAS, NEVADA 89146-5148
 PH. (702) 873-7550 FAX (702) 362-2587 WEB WWW.VNVM.COM
 CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

DESIGNED BY: JUNE 2014
CHECKED BY: JUNE 2014
PROJECT NO.: 7265

SCALE: 1" = 30' HORZ.
 1" = 3' VERT.

SHEET
SS1
 7 OF 11 SHEETS
 DRAWING NO. 10745006-ENT