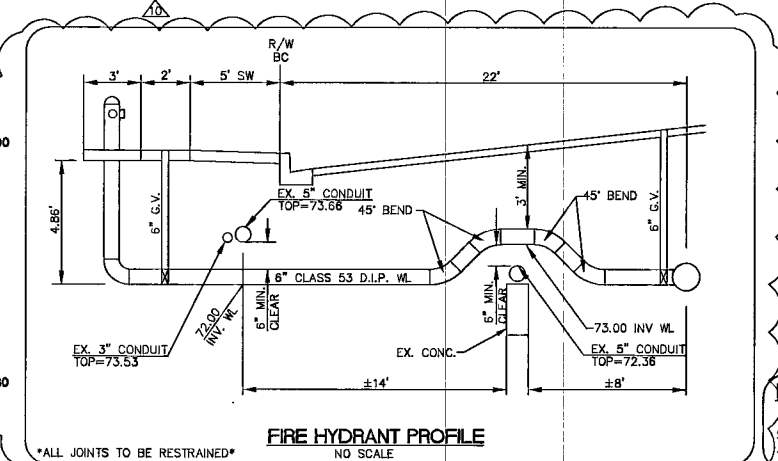
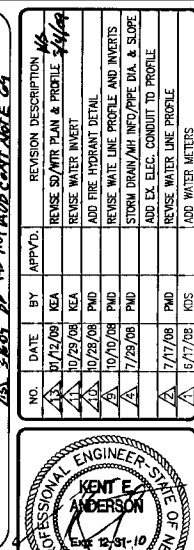
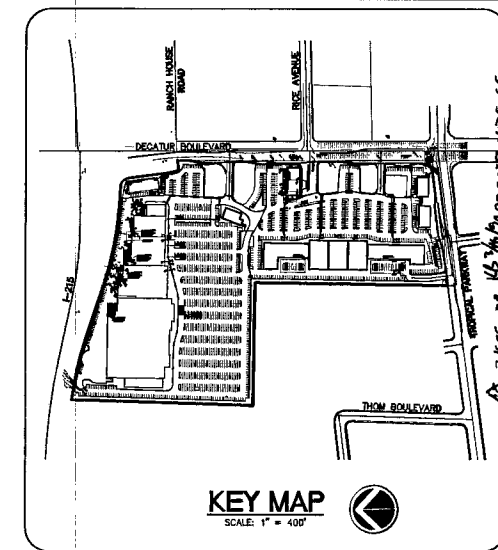




SEWER CONSTRUCTION NOTES

1 "POINT OF CONNECTION" INSTALL NEW MANHOLE ON EXIST. 18" PVC MAIN (PUBLIC) *SEE NOTE 1

- * NOTE 1: CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION
- * NOTE 2: SEE SHEET 19 "UTILITY PLAN 1" FOR SEWER QUANTITIES

WATER CONSTRUCTION NOTES

- ⑥ INSTALL 2" METER AND 2" R.P.A. (BRASS PIPING BETWEEN METER AND R.P.A.) PER UDACS PLATE NO. 10 & 11A
- ⑦ INSTALL 3" PVC WATERLINE (DOMESTIC) (PRIVATE)
- ⑧ INSTALL 10" 90° BEND PER UDACS PLATE NO. 5
- ⑨ INSTALL 10" PVC WATERLINE (PUBLIC)
- ⑩ INSTALL 10" GATE VALVE PER UDACS PLATE NO. 3 & 8
- ⑪ INSTALL 10" X 6" REDUCER PER UDACS PLATE NO. 3
- ⑫ INSTALL 10" 45° BEND PER UDACS PLATE NO. 5
- ⑬ INSTALL 10" X 2" SERVICE SADDLE PER UDACS PLATE NO. 10
- ⑭ INSTALL STD. FIRE HYD. W/ ASSY. PER UDACS PLATE NO. 7
- ⑮ STUB AND CAP WATER PER UDACS PLATE NO. 4A
- ⑯ INSTALL 10" DIP WATERLINE (PUBLIC)

PIN-LESS WATER TIGHT MANHOLE LID

NOTE: SEE SHEET 19 "UTILITY PLAN" FOR WATER QUANTITIES

NORTH 02°01'35" EAST BEING THE CENTERLINE OF DECATUR BLVD.
BETWEEN TROPICAL PARKWAY AND CENTENNIAL PARKWAY IN THE
NORTHWEST QUARTER
(NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 61 EAST,
M.D.M., CLARK COUNTY, NEVADA. AS SHOWN BY MAP IN THE OFFICE
OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 90 OF PARCEL
MAPS PAGE 69.

BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL
RIDGE AND PLATE IN TOP OF CURB NW CORNER OF TROPICAL
PARWAY & THOM
STATION BLV90
256B
ELEVATION= 697.5653 METERS (NAVD88)
2288.60 FEET

APPROVAL FOR CONSTRUCTION 1ST. APPROVED 6-18-08

[Signature] 1-12-09

LAS VEGAS VALLEY WATER DISTRICT DATE
PROJECT # 115171 (SHEETS: 1, 2, 9, 19-22, 24-27, 33, 34, 41)

UTILITY PLAN AND PROFILE II
DECATUR BOULEVARD - STA: 31 +50.00 TO STA: 39 +00.00

DECATUR & TROPICAL
DECATUR 215, LLC

NEVADA

TITLE	PROJECT	CITY OF LAS VEGAS
WORK ORDER NO: 070619		
DESIGN BY: KDS		
DRAWN BY: KDS/WK		
DATE: Jan 12, 2009		
SCALE: 1" = 40'		
SHEET 26 OF 45 SHEETS		
CLV DWG NO. 107Y4968		

NOTICE TO CONTRACTOR ! 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 COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE AS TO THE EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.	AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY. CALL before you Dig 1-800-227-2600 UNDERGROUND SERVICE (USA)	AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE you dig OVERHEAD  CALL 1-702-227-2929
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DECATUR BOULEVARD
STA: 31+50.00 TO STA: 39+00.00
PUBLIC STREET
SCALE: HORIZONTAL = 1" = 40'
VERTICAL = 1" = 4'

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 2.06.01 AND 2.06.02. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

STEEL CASING NOTES

INSTALL WATERLINE IN STEEL CASING PER UDACS PLATES NO. 15 AND 18. MINIMUM 18-INCH CLEARANCE IS REQUIRED ABOVE THE TOP OF THE CASING. FROM THE UPPER BENDS THROUGHOUT THE ENTIRE LENGTH OF SECTION OF IRON PIPE WITH RESTRAINED JOINTS IS REQUIRED. IN ADDITION, THRUST BLOCKS ARE TO BE INSTALLED AT THE UPPER BENDS.

ANNUAL SPACE BETWEEN PIPE AND CASING SHALL BE FILLED WITH CLASS 1 CLSM. SEE UDACS PLATES 6A, 6B, 6C, 6D, 6E FOR BEDDING AND BACKFILL REQUIREMENTS.