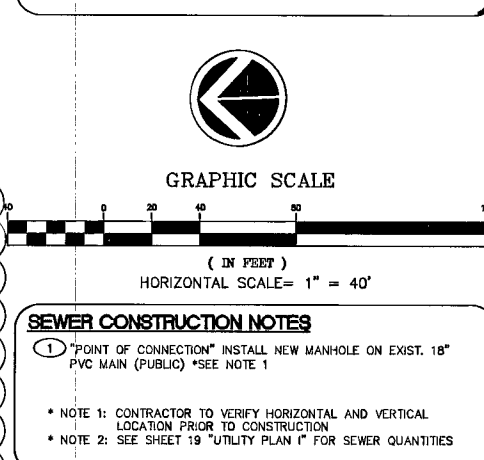
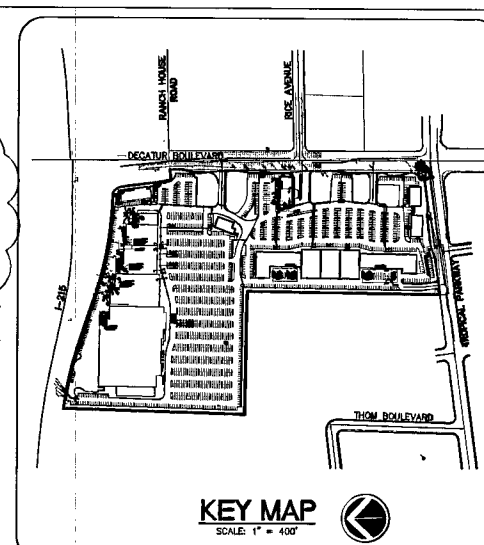




STEEL CASING NOTES

INSTALL WATERLINE IN STEEL CASING PER UDACs PLATES NO. 15 AND 16. MINIMUM 18-INCH CLEARANCE IS REQUIRED ABOVE THE TOP OF THE CASING. FROM THE UPPER BENDS THROUGHOUT THE LENGTH OF THE PIPE, 18-INCH CLEARANCE FROM 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.

Curb Alignment

1. Adjust exist. man hole to grade
2. Wrap Island curb around grade rmp

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 I" FOR SEWER QUANTITIES

WATER CONSTRUCTION NOTES

- ① INSTALL 1" METER AND 1" R.P.P.A. (IRRIGATION) (BRASS PIPING BETWEEN METER AND R.P.P.A.) PER UDACS PLATE NO. 10 & 11A
- ② INSTALL 1-1/2" METER AND 1-1/2" R.P.P.A. (BRASS PIPING BETWEEN METER AND R.P.P.A.) PER UDACS PLATE NO. 10 & 11A
- ③ INSTALL 2" METER AND 2" R.P.P.A. (BRASS PIPING BETWEEN METER AND R.P.P.A.) PER UDACS PLATE NO. 10 & 11A
- ④ INSTALL 3" PVC WATERLINE (DOMESTIC) (PRIVATE)
- ⑤ INSTALL 8" 45' BEND PER UDACS PLATE NO. 5
- ⑥ INSTALL 10" GATE VALVE PER UDACS PLATE NO. 3 & 8
- ⑦ INSTALL 10" X 6" REDUCER PER UDACS PLATE NO. 3
- ⑧ INSTALL 10" 45' BEND PER UDACS PLATE NO. 5
- ⑨ INSTALL STD. FIRE HYD. W/ ASSY. PER UDACS PLATE NO. 7
- ⑩ STUB AND CAP WATER PER UDACS PLATE NO. 4A
- ⑪ INSTALL 6" CAP W/ 2" BLOW OFF ASSY. PER UDACS PLATE NO. 4A
- ⑫ INSTALL 10" DUE WATERLINE (PUBLIC)
- ⑬ INSTALL 6" X 2" SERVICE SADDLE PER UDACS PLATE NO. 1D
- ⑭ INSTALL 10" X 1-1/2" SERVICE SADDLE PER UDACS PLATE NO. 1D

BASIS OF BEARING
NORTH 02°13'35" 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. 24, CLARK COUNTY, NEVADA. AS SHOWN BY MAP IN THE OFFICE
OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 90 OF PARCEL
MAPS PAGE 69.

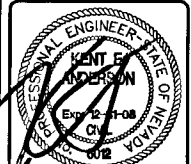
BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL
RIVET AND PLATE IN TOP OF CURB NW CORNER OF TROPICAL
PARKWAY & THOM

STATION = BLV90
25E8
ELEVATION = 697.5653 METERS (NAVD88)
2288.60 FEET

LINE TABLE	
LINE	LENGTH (LF)
L1	32.22
L2	40.52
L3	41.81
L4	43.09
L5	38.60

APPROVAL FOR CONSTRUCTION 1ST. APPROVED 6--16--
San Juan 10-27-68
 LAS VEGAS VALLEY WATER DISTRICT DATE
 PROJECT # 115171 (SHEETS: 1, 2, 9, 19-22, 24-27, 33, 34, 41)

NO.	DATE	BY	APPVD.	REVISION DESCRIPTION
1	5-15-01	DP	15-MAY-01	ADD MAINLINE DETAIL
2	10/10/08	PMD	10/10/08	RENAME WATER LINE PROFILE AND INVERTS
3	7/29/08	PMD		STORM DRAIN/WHI INVERT/PIPE DIA. & SLOPE
4				ADD EX. ELEC. CONDUIT TO PROFILE
5	5/17/08	KDS		ADD WATER METERS / DETAIL WHI DET.



STAMP DATE: 10-30-08

3610 North Rancho Drive
Las Vegas, Nevada 89130
Telephone: (702) 648-9700
fax: (702) 648-4143



**SOUTHWEST
ENGINEERING & PLANNING**

NEVADA

UTILITY PLAN AND PROFILE I
 CATUR BOULEVARD - STA: 22+00.00 TO STA: 31+50.00

DECATUR & TROPICAL
 DECATUR 215, LLC

TITLE	PROJECT	CITY OF LAS VEGAS
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WORK ORDER NO:
070619

DESIGN BY:
KDS

DRAWN BY:
KDS/WK

DATE:
Oct 28, 2008

SCALE:
1" = 40'

SHEET 25 OF 45 SHEETS

CLV DWG NO.
107Y4968

\\dd_proj\070619\dwg\Superceded\08-1020\DTR-PP-DECATUR.dwg Oct 28, 2008 - 12:28pm (Plotted by: pdarrog)

89
135

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 THAT ALL 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 DO OVERHEAD

CALL 1-702-227-2929

DECATUR BOULEVARD

STA: 22+00.00 TO STA: 31+50.00
PUBLIC STREET

SCALE: HORIZONTAL = 1" = 40'
VERTICAL = 1" = 4'

ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040.

3