

LEGEND & ABBREVIATION

1 DETAIL DRAWING NUMBER

1 DRAWING NUMBER FOR DETAIL  
DRAWN ON SAME SHEET

1 DRAWING NUMBER FOR DETAIL WITH  
REFERENCE TO THE SHEET IT IS DRAWN ON

D1,D2  
S DRAWING NUMBER(S) FOR DETAIL(S) PER  
SUMMERLIN IMPROVEMENTS STANDARDS, OR  
PER STANDARDS IN ABBREVIATION TABLE

1  
USD CLARK COUNTY AREA UNIFORM STANDARD  
DRAWING NUMBER

INDICATES CONSTRUCTION NOTE

INDICATES REMOVAL NOTE

INDICATES CURVE NUMBER

INDICATES SEWER MANHOLE IN PROFILE

INDICATES STORM DRAIN MANHOLE IN PROFILE

(60.5)  
IC EXIST. SPOT ELEVATION

END PIPE & PLUG

CONCRETE ENCASEMENT

FUTURE PROPERTY LINE

FUTURE BACK OF CURB (ROW)

FUTURE CENTERLINE

EMBANKMENT

TOP PROPOSED

BOTTOM BY SEPARATE CONTRACT

EXISTING

ABBREVIATION

I = IMPROVEMENTS

W = WATER

S = SEWER

SD = STORM DRAIN

IR = IRRIGATION

T = TELECOMMUNICATION

SL = STREET LIGHTING

SIG = SUMMERLIN IMPROVEMENT STANDARDS

SIS = TRAFFIC SIGNAL

SMH = SEWER MANHOLE

SDMH = STORM DRAIN MANHOLE

CLV = CITY OF LAS VEGAS

LVVWD = LAS VEGAS VALLEY WATER DISTRICT

LSCP = LANDSCAPE PANEL / PROPERTY LINE

NDOT = NEVADA DEPT. OF TRANSPORTATION

THHC = THE HOWARD HUGHES CORPORATION

UDS = UNIFORM DESIGN AND CONSTRUCTION STANDARDS (UDACS)

USD = UNIFORM STANDARD DWGS. (CLARK COUNTY)

DCSWCS = DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS

STREET CLASSIFICATION

EBBETS PEAK STREET: 39' PRIVATE RESIDENTIAL STREET

AXIS MOUNTAIN COURT: 39' PRIVATE RESIDENTIAL STREET

CAPITOL PEAK AVENUE: 39' PRIVATE RESIDENTIAL STREET

DERBY PEAK LANE: 39' PRIVATE RESIDENTIAL STREET

THOR MOUNTAIN LANE: 39' PRIVATE RESIDENTIAL STREET

ANGEL REST AVENUE: 39' PRIVATE RESIDENTIAL STREET

BARTLETT PEAK STREET 39' PRIVATE RESIDENTIAL STREET

LOST RANGER PEAK STREET: 39' PRIVATE RESIDENTIAL STREET

MINERAL PEAK STREET: 39' PRIVATE RESIDENTIAL STREET

BLUE LAKE PEAK STREET: 39' PRIVATE RESIDENTIAL STREET

WATER QUANTITIES (PUBLIC)

|                                     |      |    |
|-------------------------------------|------|----|
| 8" PVC WATER PIPE                   | 4435 | LF |
| 8" DIP WATER PIPE                   | 42   | LF |
| 6" PVC WATER PIPE                   | 414  | LF |
| 8" GATE VALVE                       | 13   | EA |
| FIRE HYDRANT ASSEMBLY               | 6    | EA |
| CAP W/ 2" BLOWOFF                   | 12   | EA |
| 8"x8" TEE                           | 4    | EA |
| INSTALL 45° BEND                    | 6    | EA |
| INSTALL 5° BEND W/ RESTRAINT JOINTS | 2    | EA |
| INSTALL 22.5° BEND                  | 9    | EA |
| INSTALL 11 1/4° BEND                | 3745 | EA |
| 1" TYPE "K" COPPER                  | 154  | EA |
| 3/4" METER                          | 6    | EA |
| 8"x6" REDUCER                       | 2    | EA |
| 12"x8" REDUCER                      |      |    |

SEWER QUANTITIES (PUBLIC)

|                      |      |    |
|----------------------|------|----|
| 8" SDR 35            | 4522 | LF |
| 48" SANITARY MANHOLE | 28   | EA |

SEWER QUANTITIES (PRIVATE)

|        |      |    |
|--------|------|----|
| 4" PVC | 4011 | LF |
|--------|------|----|

STORM DRAIN QUANTITIES (PUBLIC)

|                               |     |    |
|-------------------------------|-----|----|
| 18" STORM DRAIN CLASS III RCP | 54  | LF |
| 24" STORM DRAIN CLASS III RCP | 203 | LF |
| 30" STORM DRAIN CLASS III RCP | 86  | LF |
| STORM DRAIN MANHOLE TYPE I    | 1   | EA |
| STORM DRAIN MANHOLE TYPE III  | 2   | EA |
| 5.0' TYPE "CM" DROP INLET     | 4   | EA |
| 7.5' TYPE "CM" DROP INLET     | 1   | EA |
| 10.0' TYPE "CM" DROP INLET    | 1   | EA |

ROADWAY

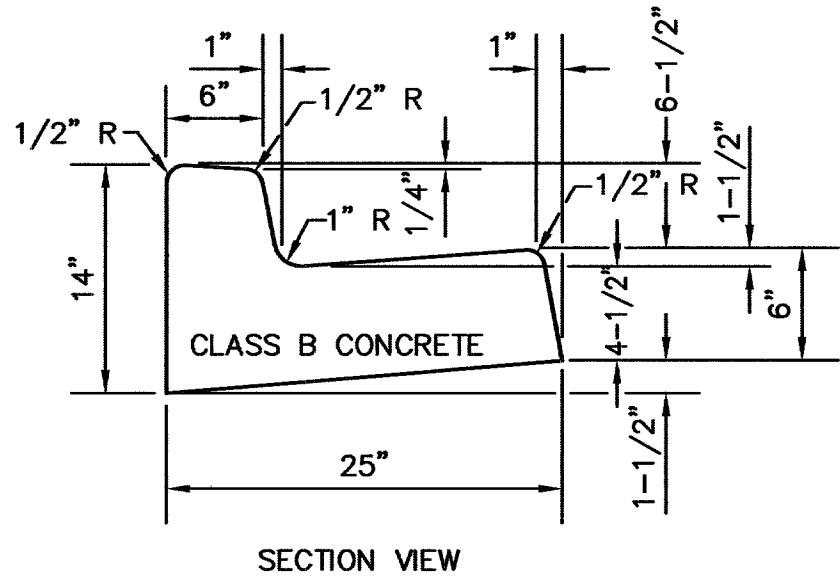
|                                |       |    |
|--------------------------------|-------|----|
| 2" ASPHALTIC CONCRETE PAVEMENT | 17748 | SY |
| 4" TYPE II BASE                | 2390  | CY |
| 6" TYPE "L" CURB AND GUTTER    | 98    | LF |
| TYPE "A" ISLAND CURB           | 0     | LF |
| 30" ROLL CURB                  | 8722  | LF |
| HANDICAP RAMP DEPRESSION       | 1     | EA |
| STREET LANDSCAPING             | 1458  | SY |
| PARK                           | 0     | SY |
| 4" CONCRETE CROSS GUTTER       | 8     | SF |
| STREET LIGHTS                  | 31    | EA |

STORM DRAINAGE MANHOLE SCHEDULE

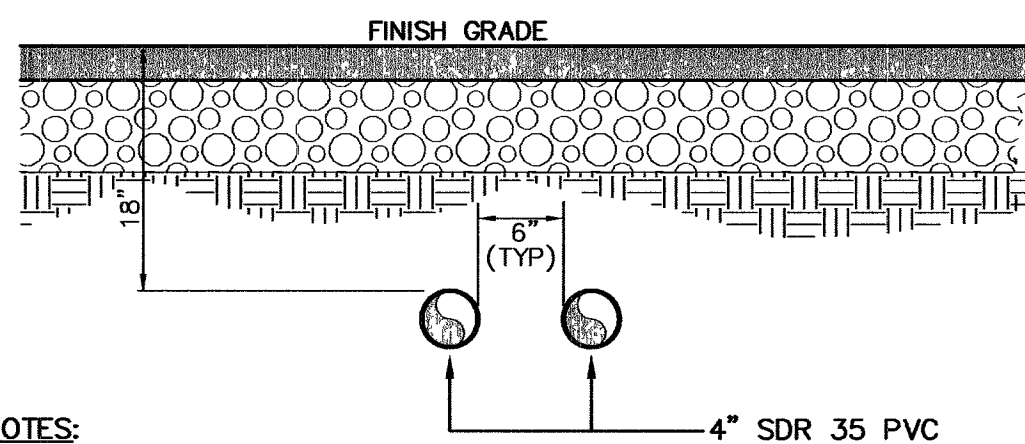
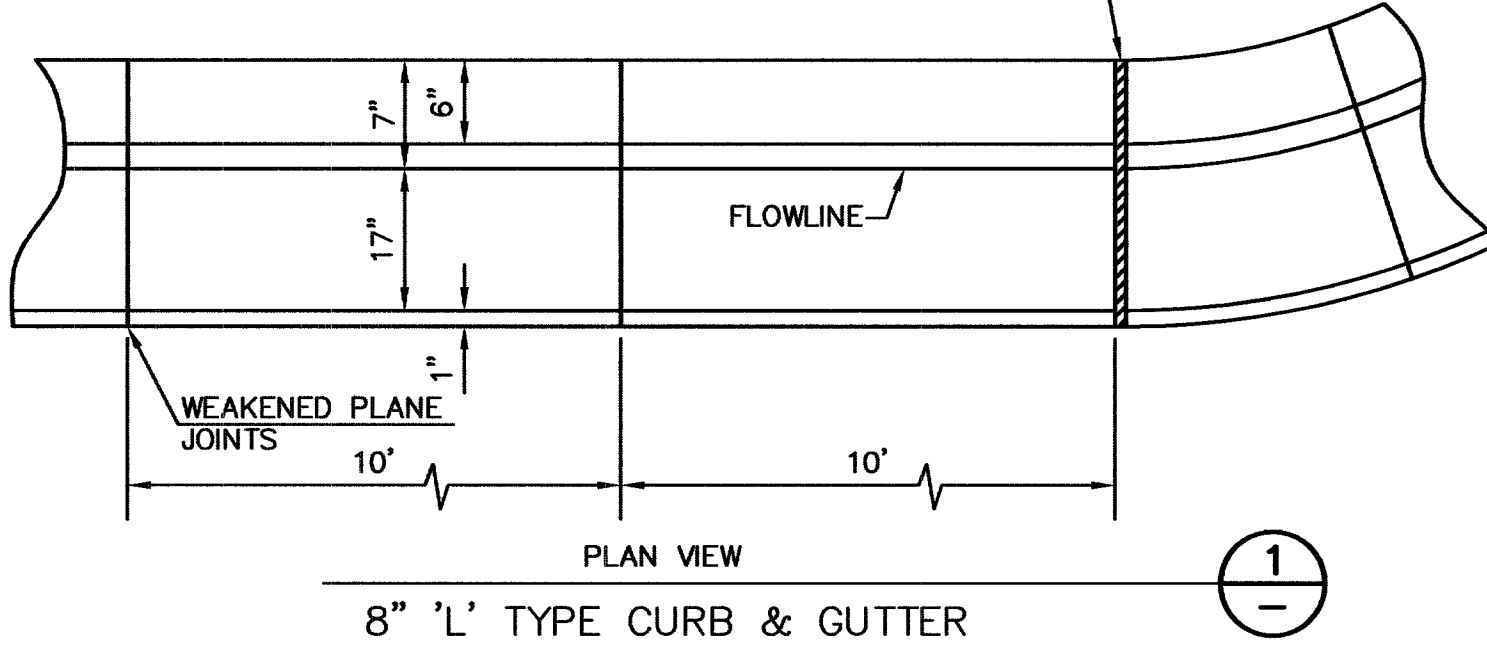
| SDMH # | TYPE | STATION  | OFFSET  | RIM EL. | N     | S     | E     | W     | COMMENTS |
|--------|------|----------|---------|---------|-------|-------|-------|-------|----------|
| 1      | III  | 13+86.83 | 12.31 R | 2973.6  | 61.73 | 61.73 | 62.23 | 62.23 |          |
| 2      | III  | 14+88.34 | 6.03 R  | 2977.4  | ---   | 62.73 | ---   | 63.24 |          |
| 3      | III  | 17+85.00 | 10.00 L | 2979.1  | 65.49 | 65.49 | ---   | ---   |          |

SEWER MANHOLE SCHEDULE

| SMH # | TYPE | STATION  | OFFSET  | RIM EL. | INVERT ELEV. |       |       |       | COMMENTS |
|-------|------|----------|---------|---------|--------------|-------|-------|-------|----------|
|       |      |          |         |         | N            | S     | E     | W     |          |
| 1     | SD-1 | 09+70.68 | 00.00 L | 3009.9  | ---          | ---   | 02.00 | ---   |          |
| 2     | SD-1 | 11+20.74 | 00.00 L | 3007.3  | ---          | ---   | 97.00 | 97.20 |          |
| 3     | SD-1 | 13+27.06 | 00.00 L | 2998.5  | ---          | ---   | 88.71 | 88.91 |          |
| 4     | SD-1 | 15+42.85 | 00.00 L | 2993.5  | ---          | 85.01 | ---   | ---   |          |
| 5     | SD-1 | 14+93.18 | 00.00 L | 2983.7  | 84.71        | 84.51 | ---   | 84.71 |          |
| 6     | SD-1 | 13+15.18 | 00.00 L | 2991.8  | 82.79        | 82.59 | ---   | 82.79 |          |
| 7     | SD-1 | 11+68.26 | 0.53 L  | 2987.6  | 78.81        | 78.61 | ---   | 78.81 |          |
| 8     | SD-1 | 10+68.04 | 7.97 L  | 2984.5  | 76.97        | 76.77 | ---   | ---   |          |
| 9     | SD-1 | 15+48.24 | 00.00 L | 2983.7  | 75.59        | ---   | 75.39 | 75.59 |          |
| 10    | SD-1 | 13+29.89 | 00.00 L | 2992.9  | ---          | ---   | 83.65 | 83.85 |          |
| 11    | SD-1 | 11+89.85 | 7.06 L  | 2998.0  | ---          | ---   | 88.97 | 89.17 |          |
| 12    | SD-1 | 10+00.00 | 00.00 L | 3005.3  | 96.36        | ---   | 96.16 | 96.36 |          |
| 13    | SD-1 | 09+49.25 | 00.00 L | 3007.2  | ---          | ---   | 98.11 | ---   |          |
| 14    | SD-1 | 13+75.68 | 4.01 L  | 3009.1  | ---          | 00.23 | ---   | ---   |          |
| 15    | SD-1 | 09+26.96 | 00.00 L | 3011.2  | ---          | ---   | 02.23 | ---   |          |
| 16    | SD-1 | 10+95.83 | 5.47 R  | 3006.7  | ---          | ---   | 97.84 | 98.04 |          |
| 17    | SD-1 | 13+60.82 | 00.00 L | 2996.2  | ---          | ---   | 87.19 | 87.39 |          |
| 18    | SD-1 | 10+76.03 | 11.91 L | 3004.9  | ---          | ---   | 96.19 | ---   |          |
| 19    | SD-1 | 11+97.80 | 00.00 L | 2999.5  | ---          | ---   | 90.26 | 90.46 |          |
| 20    | SD-1 | 14+76.86 | 00.00 L | 2988.2  | ---          | ---   | 79.00 | 79.20 |          |
| 21    | SD-1 | 16+47.84 | 00.00 L | 2980.9  | ---          | ---   | 71.88 | 72.08 |          |
| 22    | SD-1 | 17+16.88 | 1.57 L  | 2980.2  | 71.23        | ---   | 71.03 | 71.23 |          |
| 23    | SD-1 | 10+34.96 | 6.88 L  | 2980.4  | 71.60        | ---   | ---   | ---   |          |
| 24    | SD-1 | 13+89.99 | 00.00 L | 2985.1  | ---          | 76.07 | ---   | ---   |          |
| 25    | SD-1 | 09+33.97 | 00.00 L | 2987.9  | ---          | ---   | 78.31 | ---   |          |
| 26    | SD-1 | 19+35.00 | 0.32 L  | 2979.7  | ---          | ---   | 71.24 | ---   |          |
| 27    | SD-1 | 18+81.61 | 0.45 R  | 2980.0  | 70.92        | 70.72 | ---   | 70.92 |          |
| 28    | SD-1 | 14+78.28 | 0.90 L  | 2977.1  | 68.67        | 68.47 | ---   | 68.67 |          |



1/2" EXPANSION JOINT AT ALL COLD JOINTS,  
AT BEGINNING & END OF RETURN AND AT  
300' MAX. INTERVALS FOR EXTRUDED CURB  
AND 30' MAX. INTERVALS FOR FORMED CURB.  
FOR JOINT DETAIL, SEE DWG. NO. 119 C.C. STDS.



NOTES:

- CONTRACTOR TO EXTEND SLEEVES 1' (12") BEHIND BACK OF CURB, TYP.
- IRRIGATION SLEEVES MUST BE INSTALLED PER UDACS 2.19.02.3.(C).

IRRIGATION SLEEVES - BANK "B"

NOT TO SCALE

BENCHMARK

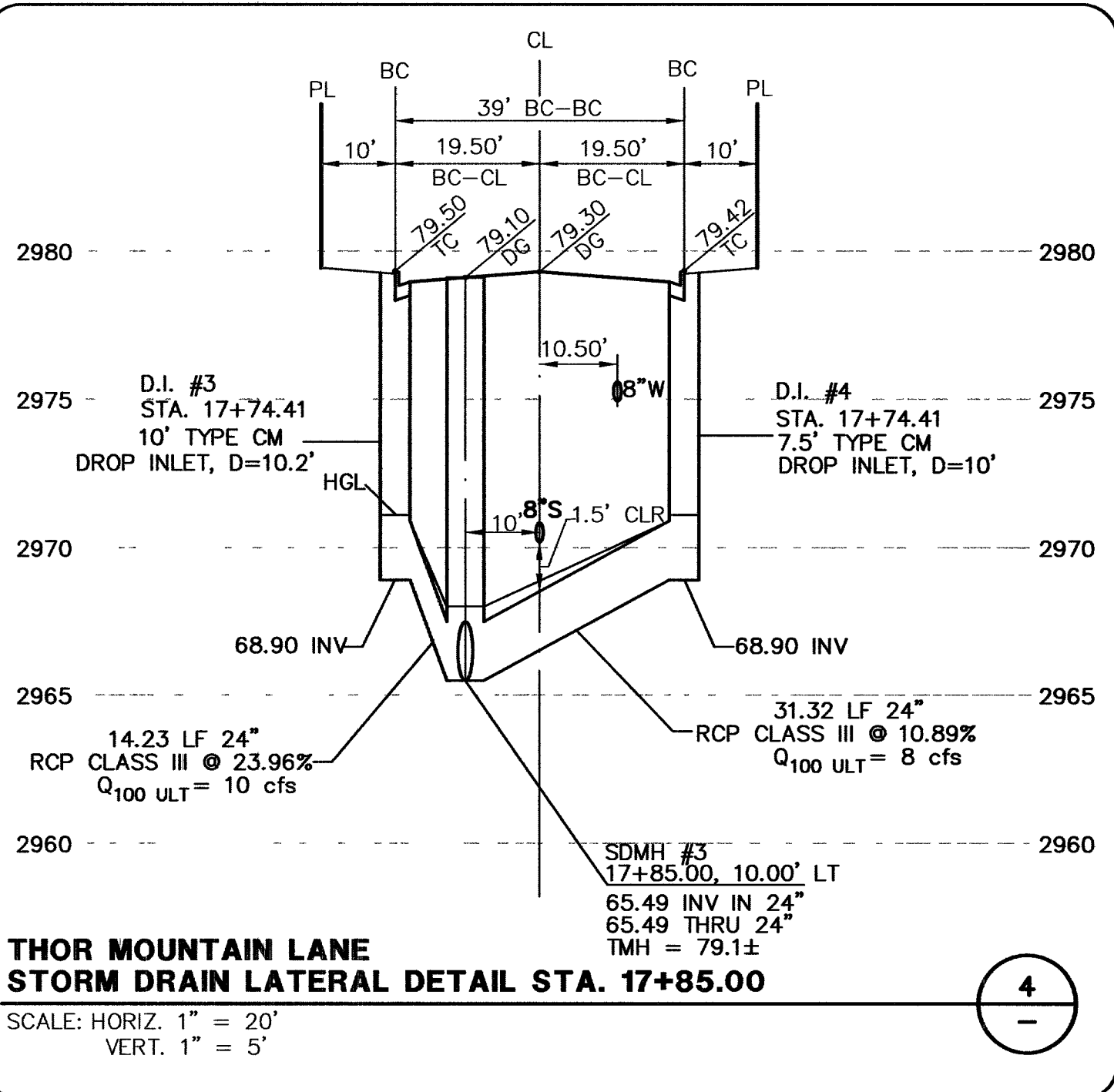
| DESC.                                                                                       | NAVD 88 DATUM  | NAVD 88 DATUM    |
|---------------------------------------------------------------------------------------------|----------------|------------------|
| RIVET AND PLATE IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD. | 2860.79 (FEET) | 871.971 (METERS) |

BASIS OF BEARINGS

N 88°21'18" E BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 13, T19S, R59E, M.D.M., AS SHOWN BY RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 124 OF SURVEYS AT PAGE 94.

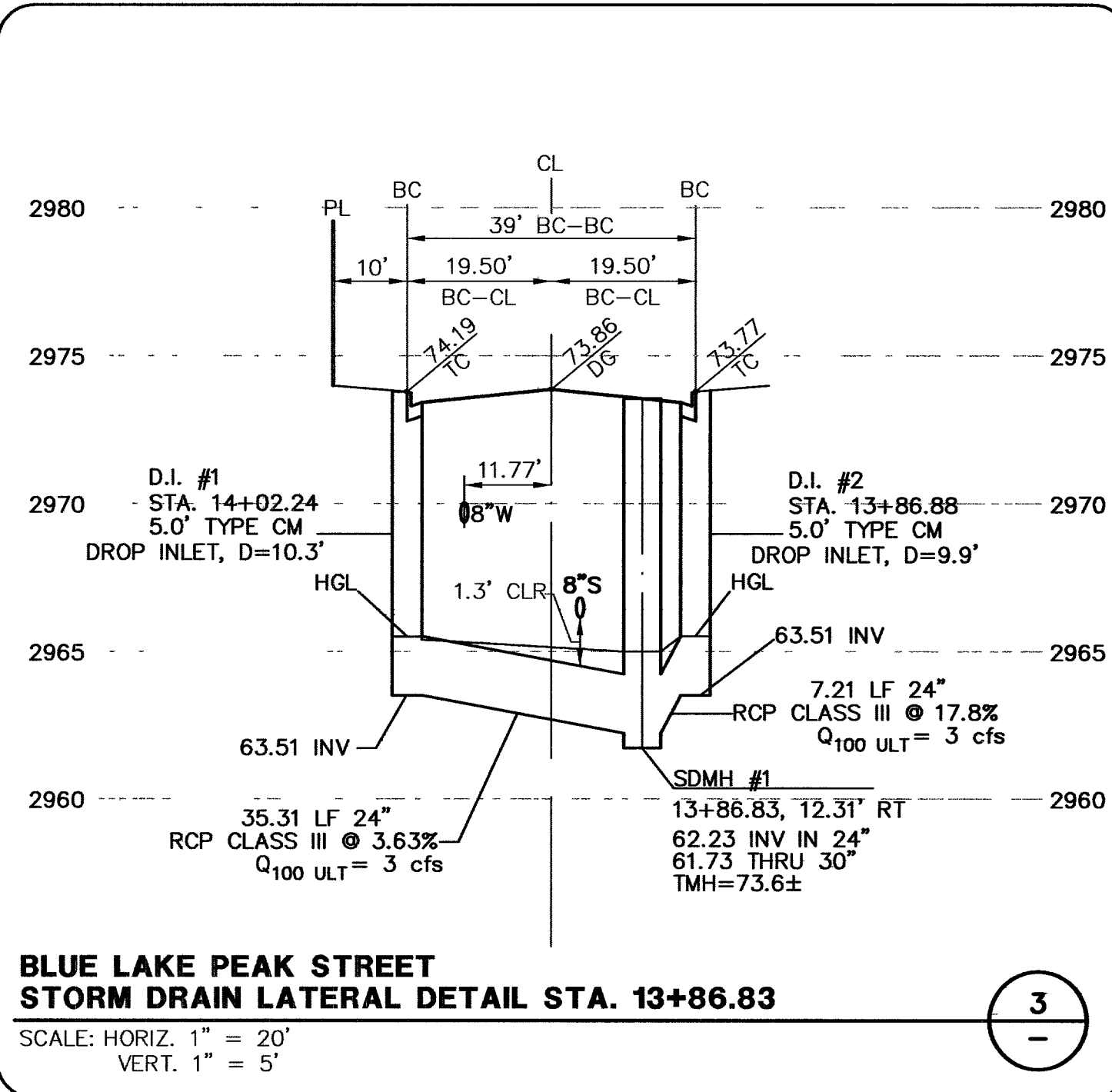


Call before you Dig.  
1-800-227-2600  
UNDERGROUND SERVICE ALERT (USA)



THOR MOUNTAIN LANE  
STORM DRAIN LATERAL DETAIL STA. 17+85.00

SCALE: HORIZ. 1" = 20'  
VERT. 1" = 5'



BLUE LAKE PEAK STREET  
STORM DRAIN LATERAL DETAIL STA. 13+86.83

SCALE: HORIZ. 1" = 20'  
VERT. 1" = 5'

APPROVAL

LVVWD NO. 111714

LAS VEGAS VALLEY WATER DISTRICT

8-02-06  
DATE

CLV DRAWING NO. 107Y4891-5

MERTAGE CORPORATION

NORTHERN TERRACE - UNIT 5

QUANTITY AND NOTES SHEET

SHEET

C-3

3 OF 17 SHEETS

JOB NO. 819.002X12