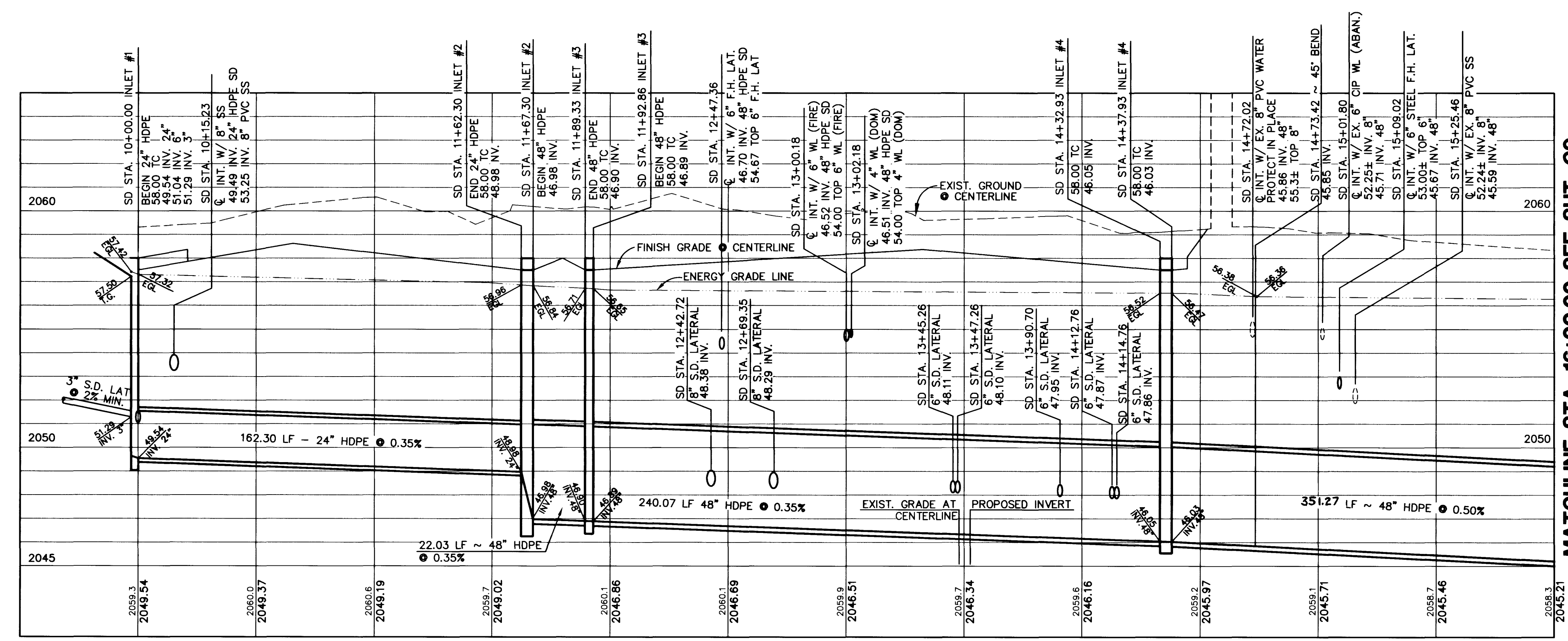


### STORM DRAIN NOTES

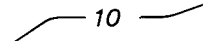
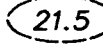
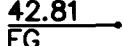
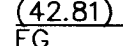
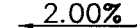
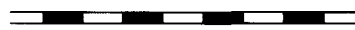
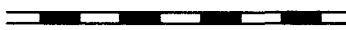
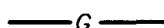
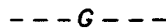
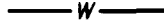
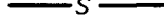
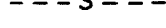
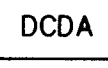
- | <u>DESCRIPTION</u>                                                                        | <u>PUBLIC</u> | <u>PRIVATE</u> |
|-------------------------------------------------------------------------------------------|---------------|----------------|
| 1. 48" HDPE STORM DRAIN . . . . .                                                         | 1068 LF       | 0 LF           |
| 2. 24" HDPE STORM DRAIN . . . . .                                                         | 163 LF        | 0 LF           |
| 3. 18" HDPE STORM DRAIN . . . . .                                                         | 37 LF         | 0 LF           |
| 4. 48" HDPE - 45" BEND . . . . .                                                          | 2 EA          | 0 EA           |
| 5. 54" x 54" PRECAST CONCRETE BOX W/ SLAB TOP,<br>TROUGH, & GRATE PER DETAIL, SHEET C-13. | 3 EA          | 0 EA           |
| 6. 24" x 36" PRECAST CONCRETE BOX W/ TROUGH &<br>GRATE PER DETAIL, SHEET C-13.            | 3 EA          | 0 EA           |
| 7. OUTLET STRUCTURE PER DETAIL O & S, SHEET C12 . . . . .                                 | 1 EA          | 0 EA           |
| 8. PLUG 48" STORM DRAIN W/ CONCRETE END CAP . . . . .                                     | 1 EA          | 0 EA           |
| 9. REMOVE AND REPLACE EXISTING A.C. PER DETAIL M,<br>SHEET C12.                           | 4908 SF       | 2930 SF        |
| 10. 3" STORM DRAIN LATERAL (ROOF DRAIN) . . . . .                                         | 0 LF          | 91 LF          |
| 11. 6" STORM DRAIN LATERAL (ROOF DRAIN) . . . . .                                         | 0 LF          | 309 LF         |
| 12. 8" STORM DRAIN LATERAL (ROOF DRAIN) . . . . .                                         | 0 LF          | 61 LF          |
| 13. 48" TYPE II STORM DRAIN MANHOLE PER STD. DWG. 405 . . . . .                           | 1 EA          | 0 EA           |
| 14. REMOVE AND REPLACE EXISTING CURB AND GUTTER PER<br>STD. DWG. 216                      | 10 LF         | 10 LF          |
| 15. REMOVE AND REPLACE EXISTING SIDEWALK PER STD. DWG. 234 . . . . .                      | 50 SF         | 0 SF           |
| 16. REMOVE AND REPLACE EXISTING VALLEY GUTTER PER . . . . .                               | 0 LF          | 8 LF           |
| DETAIL D, SHEET C11.                                                                      |               |                |

**QUANTITIES**

**NOTE:**

1. SEE DETAIL Y, SHEET C13 FOR 18" HDPE STORM DRAIN LATERAL PROFILE.
2. ALL STORMDRAIN FACILITIES FOR INLET 1 TO THE OUTLET STRUCTURE (INCLUSIVE) AND PUBLIC DRAINAGE EASEMENTS ARE TO BE PRIVATELY MAINTAINED BY UMC.

### LEGEND

| DESC.                   |                                                                                                      | EXISTING                                                                                               |
|-------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| R/W PROPERTY LINE       | -----                                                                                                | -----                                                                                                  |
| CENTERLINE              | -----                                                                                                | -----                                                                                                  |
| CONTOURS                |                 |                   |
| CONCRETE CURB           | =====                                                                                                | =====                                                                                                  |
| FINISH FLOOR ELEV.      | FFE = 22.10                                                                                          | EXIST. FFE = 22.10                                                                                     |
| PAD ELEVATION           |                 |                   |
| FINISH GRADE ELEVATION  | <br>42.81<br>FG | <br>(42.81)<br>EG |
| PAVEMENT SLOPE          | <br>2.00%       | N/A                                                                                                    |
| GRADE BREAK             | -----                                                                                                | N/A                                                                                                    |
| WALL                    |                 |                   |
| LUMINAIRE               |                 |                   |
| UTILITY LINE (AS NOTED) | <br>G           | <br>G             |
| WATER LINE              | <br>W           | <br>W             |
| SEWER LINE              | <br>S           | <br>S             |
| SEWER MANHOLE           |                 |                   |
| FIRE HYDRANT            |                 |                   |
| VALVE                   |                 |                   |
| WATER METER             |                 |                   |
| ELEC. PULL BOX          |                 |                   |
| PIV                     |                 |                   |
| FDC                     |                 |                   |
| RPPA                    |                 |                   |
| DCDA                    |                 |                   |
| INSTALL ASPHALT         |                 | N/A                                                                                                    |

MATCHLINE STA. 16+00.00 SEE SHT. C9

APPROVED FOR CONSTRUCTION

*Bonnie C. Jt* 4-22-99  
LAS VEGAS VALLEY WATER DISTRICT DATE

## BENCHMARK

C.L.V. VERTICAL CONTROL NO. 9, STATION 2LV01, 33SWS  
RIVET AND PLATE IN TOP OF CURB, NE RETURN CHARLESTON  
BOULEVARD AND TONOPAH DRIVE.  
ELEVATION 2061.91 FEET = 628.4724 METERS (NAVD 88)

## BASIS OF BEARINGS

NORTH 00°15'54" EAST, BEING THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON A MAP IN FILE 51, PAGE 84 OF SURVEYS, IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

|                                                                                                                                       |                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>SAFETY ALERT</b></p> <p><b>Call<br/>before you<br/>Overhead</b></p> <p><b>593-6111</b></p> <p><b>OVERHEAD SERVICE ALERT</b></p> | <p>Avoid cutting underground utility lines. It's costly.</p> <p><b>Call<br/>before you<br/>Dig.</b></p> <p><b>1-800-227-2600</b></p> <p><b>UNDERGROUND SERVICE ALERT</b></p> |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                   |              |  |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--|----------|
| ARCH: HOLMES SABATINI ASSOCIATES<br>1 COMMERCE CENTER DRIVE<br>HENDERSON, NY. 80014<br>(702) 438-008                                                                              | REV. DATE BY |  | REVISION |
|                                                                                                                                                                                   |              |  |          |
| The WLB Group Inc.<br>Engineering • Landscape Architecture<br>Planning • Urban Design • Surveying<br>2551 N. Green Valley Pkwy, Suite A425<br>HENDERSON, NV. 89014/(702) 458-2551 | REV. DATE BY |  | REVISION |
|                                                                                                                                                                                   |              |  |          |

|                                                                          |                                  |  |                                    |
|--------------------------------------------------------------------------|----------------------------------|--|------------------------------------|
| SHEET TITLE:<br><br><b>STORMDRAIN<br/>PLAN &amp; PROFILE</b>             | Drawn by: _____<br>OF _____      |  | 3/20/98                            |
|                                                                          | Designed by: _____<br>TDA        |  |                                    |
| PROJECT:<br><br><b>UNIVERSITY MEDICAL CENTER<br/>ER/ICU/CCU ADDITION</b> | Checked by: _____<br>TTHL        |  |                                    |
|                                                                          | Project No.: _____<br>457024A001 |  | Scale: 1" = 30' (H)<br>1" = 3' (V) |



2188599

SHEET  
**C8**

8 OF 13 SHEETS

|                                 |
|---------------------------------|
| DRAWING NO.<br><b>107-V2911</b> |
|---------------------------------|

