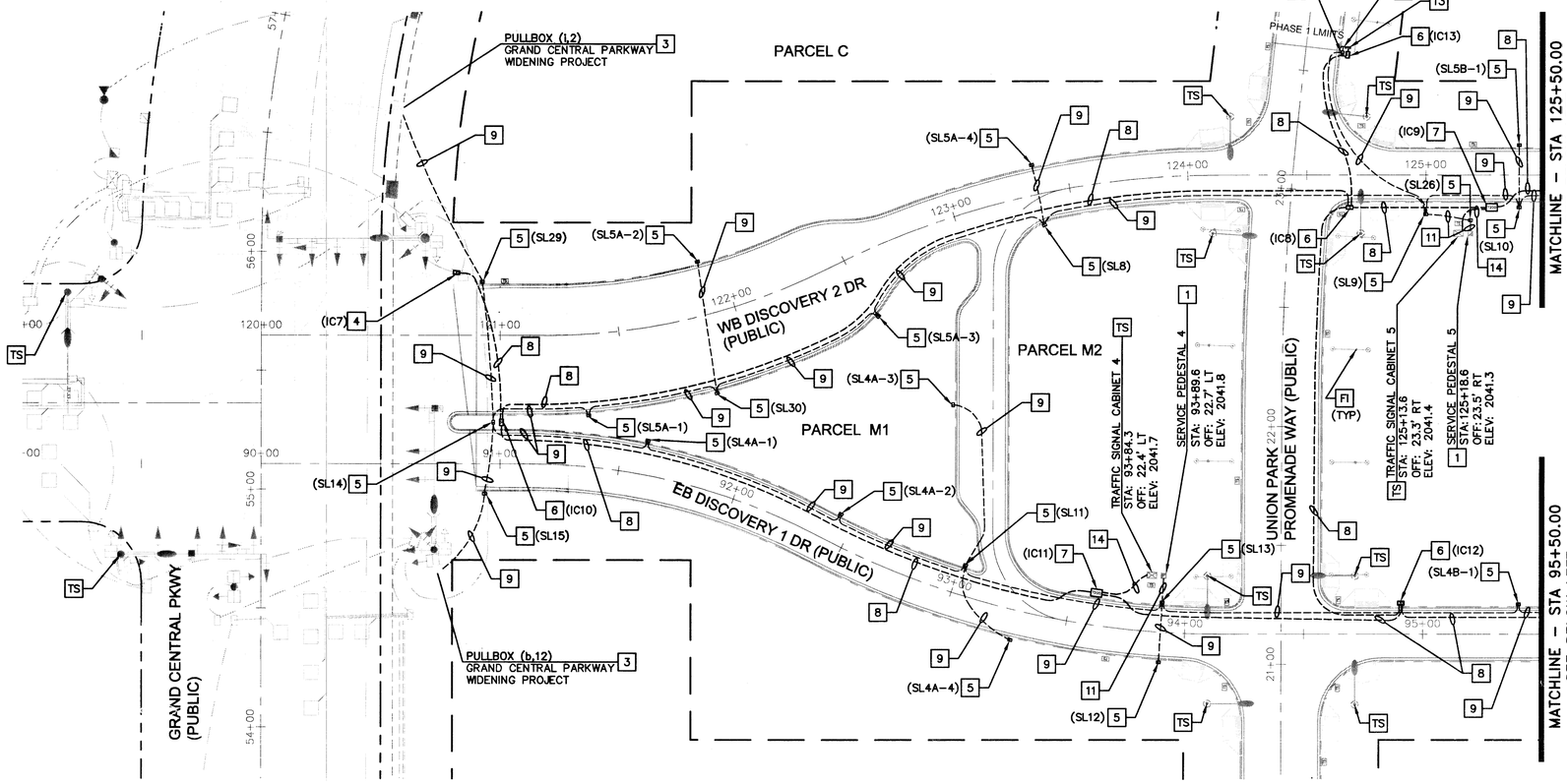
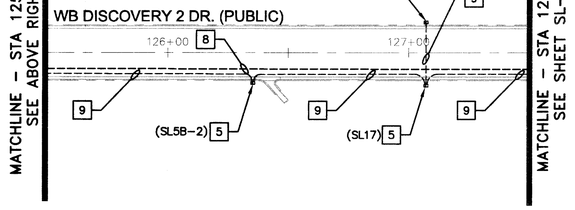
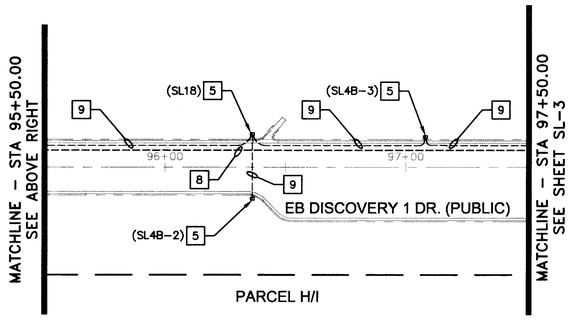
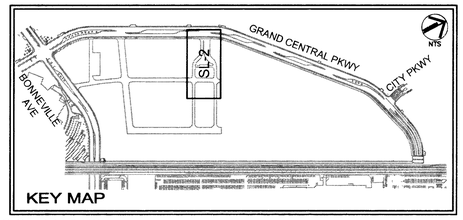




PARCEL M3





BASIS OF BEARING

NORTH 03°50'03" WEST, BEING THE BEARING OF A PORTION OF THE CENTERLINE OF GRAND CENTRAL PARKWAY, AS SHOWN ON BOOK 43, PAGE 61 OF PLATS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "CLVO1 33E6", BEING A RIVET AND PLATE IN TOP OF CURB AT NW CORNER OF BONNEVILLE AVENUE & GRAND CENTRAL PARKWAY.

ELEVATION: 2036.09 (FEET)
620.6014 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL v.2002 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

CONSTRUCTION NOTES:

1. 200 AMP 120 / 240 VAC SERVICE PEDESTAL, SEE TRAFFIC SIGNAL IMPROVEMENT SHEETS (TS) FOR INSTALLATION DETAILS.
2. FURNISH AND INSTALL 250 WATT STREET LIGHT ASSEMBLY (CENTENNIAL STANDARDS WITH 10' STREET LIGHT MAST ARM) AND FOUNDATION, SEE SHEET SL-5 FOR DETAILS.
3. REMOVE AND REPLACE No. 3 1/2 PULL BOX INSTALLED WITH THE CITY OF LAS VEGAS DOWNTOWN CONNECTOR BUS RAPID TRANSIT PROJECT GRAND CENTRAL PARKWAY WIDENING CLV PROJECT NO. 107V4782 WITH No. 5 PULL BOX MARKED "STREET LIGHT" PER CCAUSD STD DWG No. 404.120 AND 404.140. CONTRACTOR SHALL MAINTAIN EXISTING STREET LIGHTING CIRCUITS AND CONDUIT RUNS ALONG GRAND CENTRAL PARKWAY.
4. INTERCEPT EXISTING CONDUIT STUB-OUT AND FURNISH AND INSTALL P30 PULL BOX PER CCAUSD DWG No 404.133 AND 404.140. SEE SHEET SL-6 FOR INTERCONNECT PULL BOX SCHEDULE.
5. FURNISH AND INSTALL No. 3 1/2 PULL BOX MARKED "STREET LIGHT" PER CCAUSD STD DWG No. 404.110 AND 404.140. SEE SHEET SL-6 FOR STREET LIGHT PULL BOX SCHEDULE.
6. FURNISH AND INSTALL P30 PULL BOX PER CCAUSD STD DWG No. 404.133 AND 404.140. SEE SHEET SL-6 FOR INTERCONNECT PULL BOX SCHEDULE.
7. FURNISH AND INSTALL TYPE 200 SPLICE VAULT PER CCAUSD STD DWG No. 404.132 AND 404.140. SEE SHEET SL-6 INTERCONNECT PULL BOX SCHEDULE.
8. FURNISH AND INSTALL 1-4" PVC CONDUIT WITH 1-6 PAIR PE 39 #22 AWG INTERCONNECT CABLE AND PULL ROPE FOR FUTURE FIBER OPTICS (SEE GENERAL NOTE 8 THIS SHEET).
9. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 1-#8 (GREEN TRACE WIRE) AND PULL ROPE FOR FUTURE STREET LIGHT CONNECTIVITY.
10. FURNISH AND INSTALL 1-2" PVC CONDUIT WITH 2-#4 THW AND 1-#8 THW (GREEN GROUND) STREET LIGHT CONDUCTORS IN CONDUIT.
11. FURNISH AND INSTALL 2-2" PVC CONDUITS WITH 1-#8 (GREEN TRACE WIRE) AND PULL ROPE IN EACH CONDUIT FOR FUTURE STREET LIGHT CONNECTIVITY.
12. FURNISH AND INSTALL CAPPED 2" CONDUIT STUB FOR PHASE 2 IMPROVEMENTS.
13. FURNISH AND INSTALL CAPPED 4" CONDUIT STUB FOR PHASE 2 IMPROVEMENTS.
14. FURNISH AND INSTALL 1-4" PVC CONDUIT WITH 2-6 PAIR PE 39 #22 AWG INTERCONNECT CABLE AND PULL ROPE FOR FUTURE FIBER OPTICS (SEE GENERAL NOTE 8 THIS SHEET).

TS TRAFFIC SIGNAL IMPROVEMENTS (SEE TS SHEETS FOR DETAILS)

FI FUTURE IMPROVEMENTS (BY OTHERS)

GENERAL NOTES (THIS SHEET)

1. ALL UNDERGROUND CONDUIT INSTALLED BY CONTRACTOR SHALL HAVE RED, CONTINUOUS MARKING TAPE INSTALLED IN THE TRENCH AT 18" BELOW FINISHED GRADE.
2. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
3. ALL PULL BOX COVERS SHALL BE BONDED PER CCAUSD No. 323 AND 404.140.
4. CONTRACTOR SHALL INSTALL ALL CONDUITS (INCLUDING TRAFFIC SIGNAL, STREET LIGHTING, AND INTERCONNECT) IN THE SAME TRENCH WHENEVER POSSIBLE.
5. CONTRACTOR SHALL COVER AND OR CAP ALL CONDUIT ENDS IN THE PULL BOXES.
6. ALL POLE LOCATIONS SHALL BE APPROVED BY ENGINEER BEFORE CONSTRUCTION IS STARTED OR POLES ARE ORDERED. SEE STATION, OFFSET AND ELEVATION REFERENCE DETAILS ON SHEET TS-6.
7. SITE CONDITIONS MAY REQUIRE RELOCATION OR ADJUSTMENT OF PULL BOXES, VAULTS, AND FOUNDATION LOCATIONS. ALL RELOCATION SHALL BE APPROVED BY ENGINEER AND INCIDENTAL TO THE CONTRACT. SEE STATION, OFFSET AND ELEVATION REFERENCE DETAILS ON SHEET TS-6.
8. No. 6 PAIR PE 39 #22 AWG INTERCONNECT CABLE SHALL NOT BE SPLICED. CABLE SHALL RUN CONTINUOUSLY FROM CONTROLLER CABINET TO THE END OF EACH CONDUIT RUN. THE CONTRACTOR SHALL COIL 15-FEET OF CABLE AT THE BEGINNING AND END OF EACH CABLE RUN.
9. ALL ELEVATIONS ARE TO TOP OF FOUNDATION (T.O.F.) UNLESS NOTED OTHERWISE.
10. SEE DETAIL F ON SHEET TYP-2.

GRAPHIC SCALE
30 0 15 30
(IN FEET)

Avoid cutting underground utility lines. It's costly.
Call before you Dig 811
SAFETY ALERT
Call Before You Overhead
1-702-227-2929
Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

H# 18893

REV	DATE	BY	REVISION
			092587003 - UNION PARK PHASE

DRAWN BY: K.H.A. | DESIGNED BY: PAB | CHECKED BY: DDW
SCALE (H): 1"=30' | SCALE (V): N/A | DATE: November 2007

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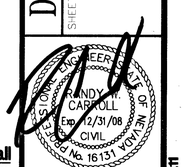
Las Vegas, Nevada 89119
TELE No. (702) 734-5666
FAX No. (702) 735-4949

DEPARTMENT OF PUBLIC WORKS

PROJECT: UNION PARK PHASE 1

SHEET: STREET LIGHT & INTERCONNECT PLAN DISCOVERY DRIVE



11-30-07

SHEET NO. SL-2
SHEET 146 OF 166
DRAWING NO. 107V4816

BID# 03.1790.11

107459

Date: November 29, 2007 - 9:12am / User: rossdurnos
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