

SERVICE POINT 'B'
 200 AMP 240V PAD MOUNT SERVICE WITH
 2 2 POLE 60 AMP CIRCUIT BREAKER/S
 1 1 POLE 15 AMP CIRCUIT BREAKER/S
 2 1 POLE 30 AMP CIRCUIT BREAKER/S
 1 1 POLE 60 AMP CIRCUIT BREAKER/S
 2 2 POLE 60 AMP CONTACTOR/S
 1 BY-PASS SWITCH PER CONTACTOR
 1 2 POLE 30 AMP CONTACTOR/S

STREETLIGHT NOTE
 ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

NOTES
 ALL STREETLIGHT, TRAFFIC SIGNAL, AND DRY UTILITY CONDUITS ARE TO BE INSTALLED UNDER SIDEWALK.
 TRAFFIC LUMINAIRES ARE TO BE WIRED CONTINUOUSLY TO CABINET USING 2-#10 STR. AND 1-#8 GREEN T.H.W. WIRE. 10' OF SLACK SHALL BE LEFT IN POLE. EACH LUMINAIRE SHALL BE FUSED INDIVIDUALLY WITH A 10 AMP. FUSE IN BOTTOM OF CABINET.

BENCHMARK
 CITY OF LAS VEGAS BENCHMARK - 2090 - 20W4
 REBAR ±124 FT. NORTHEAST OF DEER SPRINGS AND FORT APACHE.
 ELEVATION = 808.867 METERS (NAVD88)
 ELEVATION = 2647.20 FEET (NAVD88)

BASIS OF BEARING
 BEARING NORTH 00°37'43" EAST, BEING THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON FILE 114, PAGE 17 OF SURVEYS.

LEGEND

	PROPOSED 400W HPS STREETLIGHT
	PROPOSED 250W HPS STREETLIGHT
	PROPOSED 200W HPS STREETLIGHT
	PROPOSED 150W HPS STREETLIGHT (TOWN CENTER)
	PROPOSED 100W HPS STREETLIGHT
	EXISTING STREETLIGHT
	PROPOSED STREETLIGHT SERVICE POINT
	PROPOSED 3 1/2 PULLBOX
	2" PROPOSED STREETLIGHT CONDUIT

STREETLIGHT QUANTITIES

400 W HPS STREETLIGHT	1 EA
150 W HPS STREETLIGHT (TOWN CENTER)	4 EA
100 W HPS STREETLIGHT	13 EA
100 W HPS STREETLIGHT (PRIVATE)	23 EA
# 5 PULLBOX	1 EA
3-1/2 PULLBOX	4 EA
1 1/4" STREETLIGHT CONDUIT	3479 LF
2" STREETLIGHT CONDUIT	2868 LF
200 AMP SERVICE POINT	2 EA
125 AMP SERVICE POINT (PRIVATE)	1 EA
(AT ENTRANCE)	

- UTILITY NOTE**
- NOTIFY TETRA TECH, INC. IMMEDIATELY OF ANY DISCREPANCIES IN THE PLAN OR CONDITIONS IN THE FIELD.
 - PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL LOCATE AND VERIFY SIZE, MATERIAL DEPTH, CONDITION, PRESSURE AND LOCATION OF ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. TETRA TECH, INC. SHALL BE CONTACTED ONCE THE UTILITY IS LOCATED.
 - PLANS MAY NOT INDICATE ALL EXISTING UTILITY LINES. CONTRACTOR IS TO EXERCISE EXTREME CAUTION DURING EXCAVATION IN ORDER TO AVOID DAMAGING ANY EXISTING UTILITY LINES. IF THE UTILITY LINES ARE DAMAGED BY THE CONTRACTOR, SUCH DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
 - CONTRACTOR TO SAWCUT AND REMOVE EXISTING ASPHALT AND CONCRETE AS NECESSARY FOR UTILITY TRENCHES. BACKFILL AND PATCH ALL TRENCHES ACCORDING TO CITY OF LAS VEGAS STANDARDS.
 - ALL WATER SERVICE LINES AND METERS SHALL BE INSTALLED PER LAS VEGAS VALLEY WATER DISTRICT STANDARDS AND SPECIFICATIONS.
 - CONTRACTOR TO FIELD VERIFY LOCATION AND INVERT OF MANHOLE PRIOR TO CONSTRUCTION. TETRA TECH, INC. SHALL BE CONTACTED ONCE THIS INFORMATION HAS BEEN OBTAINED.

DISCLAIMER NOTE:
 UTILITY LOCATION SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 LOCATIONS. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES ARE ENCOUNTERED.

Avoid cutting underground utility lines. It's costly.
Call before you Dig
 1-800-227-2600
 UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
 1-702-593-6111
 NEVADA POWER ENVIRONMENT SAFETY SERVICES DEPARTMENT

REV. DATE BY	1 10/15/15	REVISED STREET LIGHTS PRECISELY
REV. DATE BY		

TOLL BROTHERS
 1635 VILLAGE CENTER CIRCLE, SUITE 100
 LAS VEGAS, NEVADA 89134
 (702) 243-9600

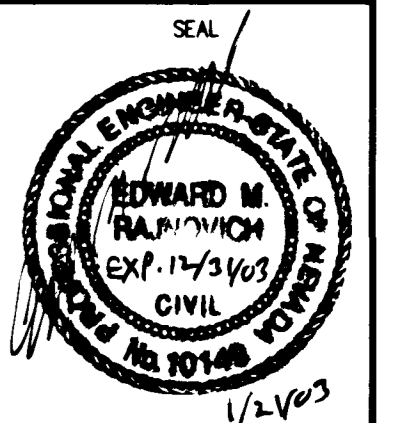
TETRA TECH, INC.
 INFRASTRUCTURE SUBSYSTEM GROUP
 401 N. Buffalo Dr. Suite 100, Las Vegas, Nevada 89146
 (702) 243-4800

STREETLIGHT, SIGNAGE AND STRIPING PLAN

TERRA BELLA UNIT 1
 CITY OF LAS VEGAS

SHEET

QUALITY CONTROL BY:	QUALITY CONTROL BY:	SCALE:	1"=40'
DESIGNED BY:	CHECKED BY:	PROJECT NO.:	POB513-0004



SHEET **ST2**
 20 of 22
 DRAWING NO. 20744744

44837 59925 61886