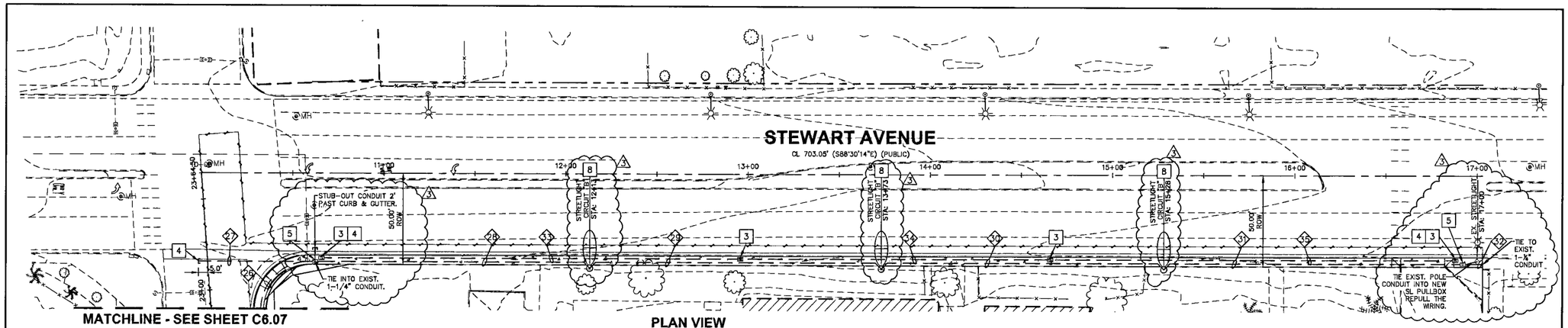


PLAN VIEW
SCALE: 1"=30'

STREETLIGHT GENERAL NOTE:

* MODIFY EXISTING STREETLIGHT FOUNDATION PER DRAWING #325. ALL WORK ASSOCIATED WITH THIS/THESE STREETLIGHT/S SHALL BE DONE UNDER DIRECT SUPERVISION OF THE CITY OF LAS VEGAS ELECTRICAL SHOP. ANY QUESTIONS CALL 229-6331.

IF FOUNDATION GROUND IS NOT VISIBLE OR DAMAGED FROM MODIFYING BASES, A NEW GROUND WILL HAVE TO BE INSTALLED FOR EACH POLE FOUNDATION. CALL 24 HOURS BEFORE STARTING WORK (229-6331). IF EXISTING POLES CAN'T BE ADJUSTED TO NEW FINISH GRADE, OR FOUNDATION IS DAMAGED IN MODIFYING, A NEW FOUNDATION WILL BE REQUIRED.

INSTALL 1-¾" PVC CONDUIT WITH (2) #4 AND (1) #8 THW WIRE, REWIRE POLES FROM OVERHEAD TO UNDERGROUND (CONDUIT IS TO BE INSTALLED UNDER SIDEWALK).

STREETLIGHT CONSTRUCTION NOTES:

(NOT ALL KEY NOTES ARE USED ON THIS DRAWING)

1. FURNISH AND INSTALL NEW 200 AMP, 120/240, 1 PHASE, 3 WIRE, SINGLE METER SERVICE PEDESTAL ON CONCRETE FOUNDATION PER CCAUSD 330, 331 AND 332.1. CONTRACTOR TO COORDINATE WITH NEVADA POWER FOR SERVICE CONNECTION. CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR SERVICE CONNECTION PER NEVADA POWER SPECIFICATIONS, INCLUDING CONDUIT RISER AND CONDUCTORS UP TO TRANSFORMER. PROVIDE ADDITIONAL 2" CONDUIT STUB FROM FOUNDATION FOR FUTURE USE. INDICATE LOCATION OF STUB ON AS-BUILT DRAWINGS. SEE SERVICE PEDESTAL SCHEDULE ON C6.07.
2. FURNISH AND INSTALL STREET LIGHTING STANDARD WITH PIPE MAST ARM, FOUNDATION AND 150W LUMINAIRE PER CCAUSD NO. 314 AND 321.
3. FURNISH AND INSTALL NO. 5 PULL BOX WITH GROUNDED NON-METALLIC COVER MARKED "TRAFFIC SIGNAL" PER CCAUSD NO 404.120 AND 404.140.
4. TERMINATE CONDUIT RUN, STUB AND CAP FOR FUTURE USE.
5. FURNISH AND INSTALL NO. 3 ½ PULL BOX WITH GROUNDED NON-METALLIC COVER MARKED "STREET LIGHT" PER CCAUSD NO. 323. AND 404.110.
6. FURNISH AND INSTALL STREET LIGHTING STANDARD WITH PIPE MAST ARM, FOUNDATION AND 250W LUMINAIRE PER CCAUSD NO. 314 AND 321.
7. INSTALL EXIST. STREET LIGHTING STANDARD WITH PIPE MAST ARM, FOUNDATION AND NEW 250W LUMINAIRE PER CCAUSD NO. 314 AND 321. EXIST STREETLIGHT STANDARD IS TO EITHER BE RELOCATED FROM SUNRISE OR 28TH STREET OR THE 4 POLES & ARMS SUPPLIED BY CLV. ALL NEW STREETLIGHT POLES & ARMS THAT WERE TO BE INSTALLED ON 28TH STREET AND STEWART ARE TO BE DELIVERED TO CLV ELECTRICAL SHOP WITH OTHER MATERIAL (TOTAL (12)). 3
8. RELOCATE STREET LIGHTING STANDARD TO NEW FOUNDATION. FOUNDATION TO BE PER CCAUSD NO. 321.

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS AND SPECIAL PROVISIONS AND THESE PLANS.
2. CONDUIT ROUTING AND PULL BOX LOCATIONS ARE SCHEMATIC FOR THE PURPOSE OF CLARIFY AND MAY DIFFER FROM ACTUAL INSTALLATION. FINAL LOCATION OF PULL BOXES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. PULL BOXES SHALL NOT BE INSTALLED IN DRIVEWAYS OR SIDEWALK RAMPS.
3. ALL CONDUIT INSTALLED UNDERGROUND SHALL HAVE RED, CONTINUOUS MARKING TAPE INSTALLED IN THE TRENCH AT 18" BELOW FINISHED GRADE.
4. CONTRACTOR SHALL INSTALL ALL CONDUIT (INCLUDING TRAFFIC SIGNAL, STREET LIGHT, FLASHING BEACON AND INTERCONNECT) IN THE SAME TRENCH WHENEVER POSSIBLE.
5. CONTRACTOR SHALL COVER AND OR CAP ALL CONDUIT ENDS IN THE PULL BOXES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GROUNDING THE COMPLETE ELECTRICAL SYSTEM, INCLUDING ALL POLES, CABINETS, SERVICE PEDESTALS, PULL BOXES AND ELECTRICAL DEVICES IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE CLARK COUNTY UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS.
7. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITIES AND IMPROVEMENTS FROM DAMAGE. ANY DAMAGE TO EXISTING UTILITIES AND IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED IMMEDIATELY IN A MANNER SATISFACTORY TO THE UTILITIES' OWNERS AND OR THE CITY OF LAS VEGAS AT THE CONTRACTOR'S EXPENSE.
8. CONTRACTOR SHALL VERIFY ALL UTILITY CONFLICTS BEFORE TRENCHING AND DIGGING.
9. THE FINAL POLE LOCATIONS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION AND SHALL BE APPROVED BY THE CITY OF LAS VEGAS. ALL POLE INSTALLATIONS SHALL BE IN CONFORMANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. FOR TRAFFIC CONTACT MIKE SCHNEIDER AT 229-6448. FOR STREETLIGHT CONTACT NEVA EVENS AT 229-6331.
10. ALL PULL BOX COVERS SHALL BE BONDED PER CCAUSD NO. 323 AND 404.140.
11. ALL STREET LIGHT AND FLASHING BEACON HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED AND PULL BOX LIDS BOLTED DOWN AND GROUNDED PRIOR TO ENERGIZING CIRCUIT. ALL CABLES MUST HAVE THW-X INSULATION.
12. STREET LIGHT CABLE AND FLASHING BEACON CABLE SHALL BE RUN IN SEPARATE CONDUITS.
13. ALL STREET LIGHT, TRAFFIC SIGNAL AND FLASHING BEACON CONDUITS ARE TO BE INSTALLED UNDER SIDEWALK AREA (TYP).

TRAFFIC SIGNAL AND FIBER OPTIC CONDUIT AND WIRE SCHEDULE

WIRE & CABLE	FROM	TO	CONDUIT 33	CONDUIT 34	CONDUIT 35
1-No. 8 (GREEN)	TRACER WIRE		–	–	1
PULL ROPE	(NUMBER AS SHOWN)		1	1	1
CONDUIT SIZE: (E) – EXISTING (N) – NEW			(N) 1-3"	(N) 1-3"	(N) 1-3"

STREETLIGHT CONDUIT AND WIRE SCHEDULE

WIRE & CABLE	FROM	TO	CONDUIT 1	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
3 No. 4/0 CONDUCTORS	SERVICE POINT	SERVICE PEDESTAL	●																						
2 No. 4, 1 No. 8 CONDUCTORS	SERVICE PEDESTAL	STREET LIGHT CIRCUIT "A"		●	●	●	●	●	●	●	●	●													
2 No. 4, 1 No. 8 CONDUCTORS	SERVICE PEDESTAL	STREET LIGHT CIRCUIT "B"											●	●	●	●	●	●	●	●	●	●	●	●	●
PULL ROPE	(NUMBER AS SHOWN)		–	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CONDUIT SIZE: (E) – EXISTING (N) – NEW			(N) 1-4"	(N) 1-2"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-1/4"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"	(N) 1-2"

LEGEND

CL OR SURVEY LINE; PROPERTY LINE; ROW LINE; EASEMENT LINE; SAWCUT LINE; SCARP LINE; HEAVY AC PVMT.; LIGHT AC PVMT.; CONC. PVMT.

MANHOLES & DESCRIPTIONS: (S) = SANITARY SEWER; (D) = STORM DRAIN; (E) = ELECTRICAL; (T) = TELEPHONE

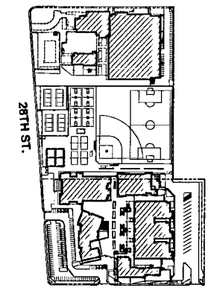
CAP	DESCRIPTION:	BO VALVE	CLEAN OUT	FDC	FIRE HYDRANT	GATE VALVE	REDUCER	100w HPS STREETLIGHT	150w HPS STREETLIGHT	200w HPS STREETLIGHT	250w HPS STREETLIGHT	400w HPS STREETLIGHT	5' CONTOUR LINE	1' CONTOUR LINE	EDGE OF PVMT.	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	SPOT ELEVATIONS	SIGNS
[	EXISTING:	℄	∘			⊗	▷						–(2210)–						–x–x–	(12.34)	
	PROPOSED:	℄	•			⊕	▶						2210	2211					–x–x–	12.34 BC BC	

E:\WPA\DEVTT\Ann\DEVTT-0100-01\Dwg 02/28/08 14:21
XREF: X:\WPA\DEVTT\0100-01\BASE\0100-BLOCK\COUNTY MAP\CLARK COUNTY MAP, X-WPA-TBLK

REVISIONS

REV.	DESCRIPTION	DATE	BY
3	REVISED CALLOUTS FOR STREETLIGHTS DUE TO CONFLICT W/ POWER POLES ON 28TH ST & PER CLV, ADDED DWY.	2/6/08	BP

STEWART AVE.



SUNRISE AVE.

DO NOT SCALE DRAWINGS

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR 1-800-227-2600
AND CLARK COUNTY TRAFFIC OPERATIONS 1-702-455-7544

Avoid overhead power line contact. It's costly.
Call before you OVERHEAD 1-702-227-2929

STATE OF NEVADA, CLAYTON L. NIELSEN, EXP: 12/31/08, CIVIL, No. PROFESSIONAL ENGINEER

SCALE | DATE | BY

CCSD PROJECT NO. 0724-08
DESIGNED BY JAMIE MARGULIES
APPROVED BY
DATE

DATE 01/15/2007
DRAWN BY RGS
CHECKED BY CLN
SUBMITTAL BID
K.E. PROJECT NO. WP-0553 / 05477

Nevada By Design
ENGINEERING CONSULTANTS
3315 East Harmon Avenue
Las Vegas, Nevada 89121
Phone: (702) 896-5201 - Fax: (702) 896-5208
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CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT
4828 PEARL STREET LAS VEGAS, NEVADA 89121

ROY MARTIN MIDDLE SCHOOL REPLACEMENT
28th STREET / SUNRISE AVENUE

STEWART AVENUE STREET LIGHTING PLAN

SHEET NO. C6.08
SHEET 34 of 49
CLV DRAWING NO. 715-3B
H NO. 21350

REPLOT