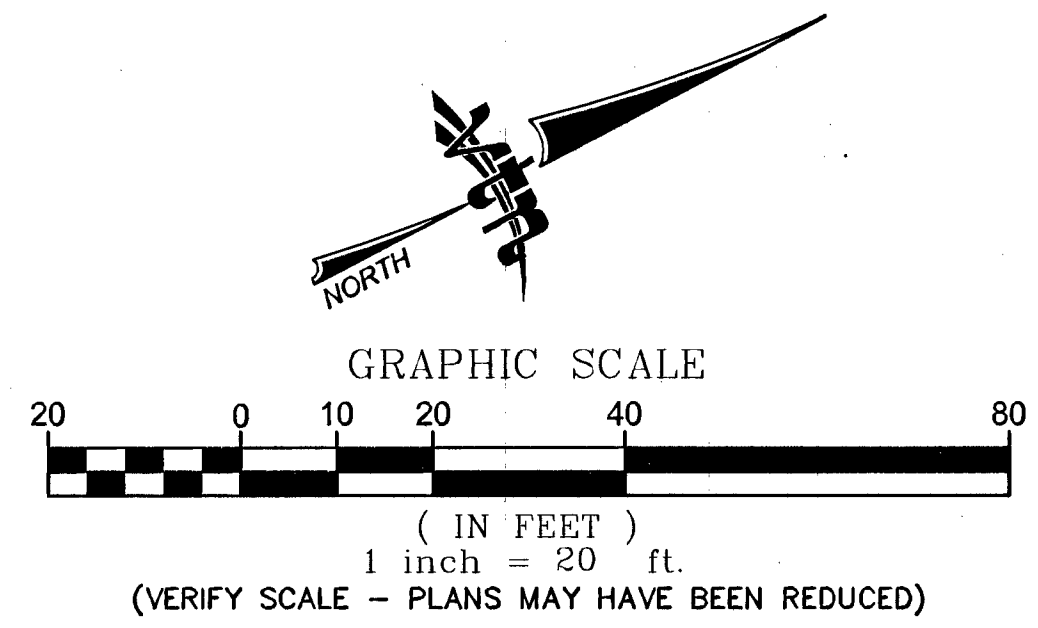
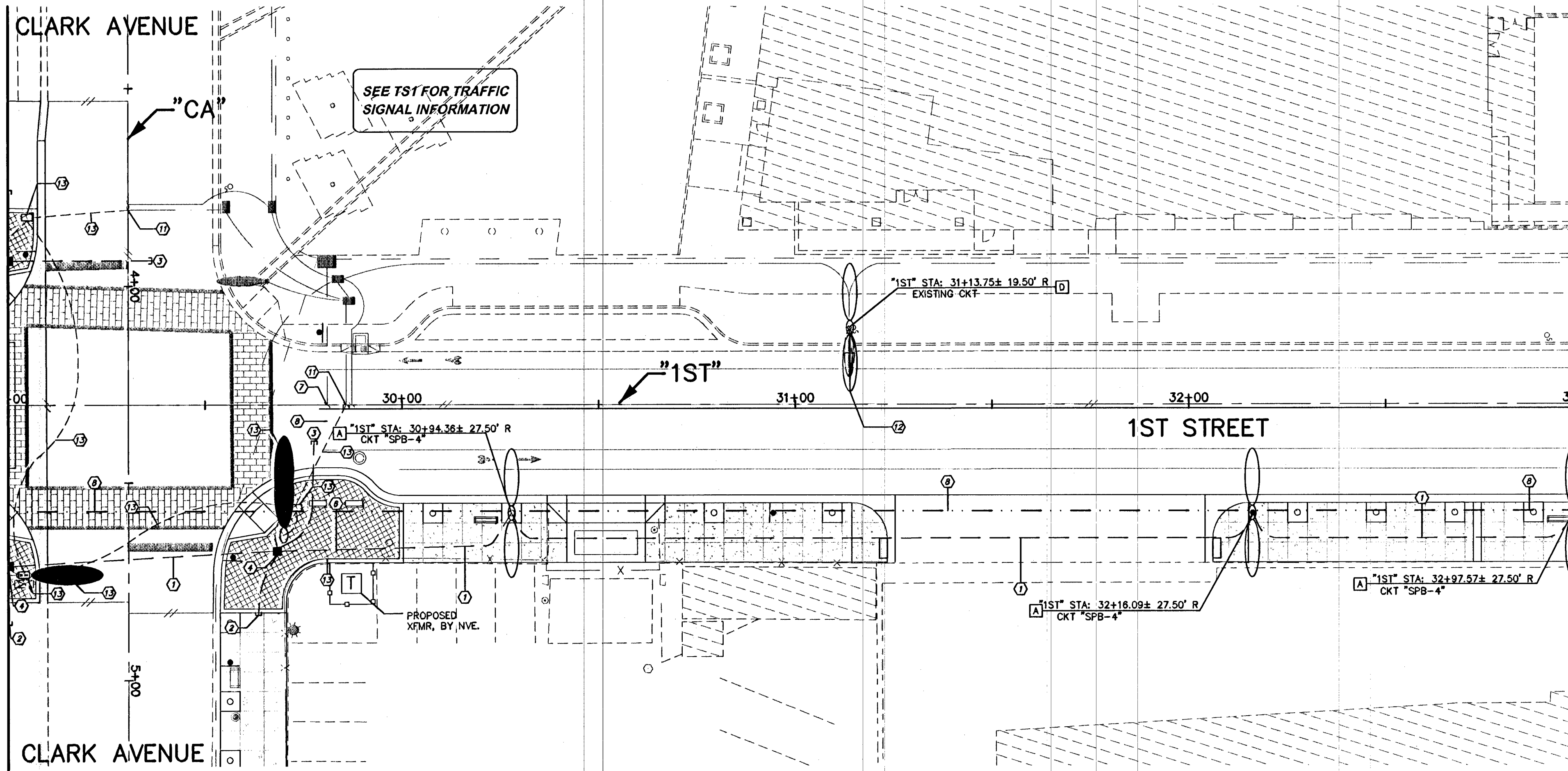
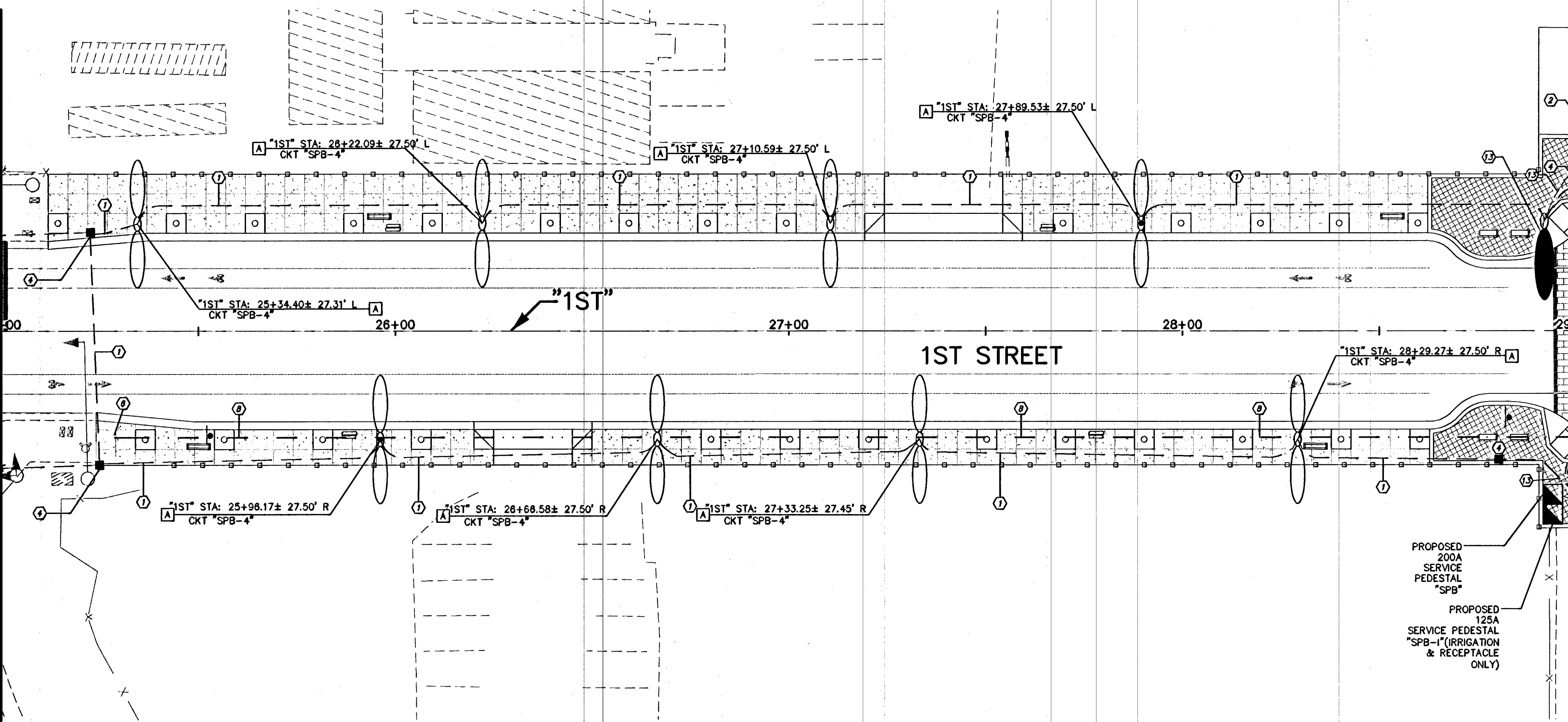


MATCHLINE STA 25+00.00 SEE SHEET SL2

MATCHLINE STA 29+00.00 SEE UPPER RIGHT

MATCHLINE STA 29+00.00 SEE BELOW LEFT

MATCHLINE STA 33+00.00 SEE SHEET SL4



NOTES

1. ALL STREETLIGHT EQUIPMENT REMOVED SHALL BE RETURNED TO CLV SERVICE YARD. CALL 229-3661, 24 HOURS BEFORE DELIVERY. TO SET UP TIME. CONTRACTOR MUST HAVE A MEANS TO UNLOAD EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE INCURRED IN THIS PROCESS.
2. EXISTING STREETLIGHTS TO REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL.
3. ALL UNDERGROUND CONDUIT INSTALLED SHALL HAVE RED, CONTINUOUS MARKING TAPE INSTALLED IN TRENCH 18" BELOW FINISH GRADE.
4. CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
5. ALL PULL BOX COVERS SHALL BE BONDED PER USD NO. 323.
6. CONDUIT ROUTING AND PULL BOX LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLANS AND MAY VARY IN THE FIELD. ALL STREET LIGHTS AND RECEPTACLE CONDUIT SHALL BE ROUTED ON BACK OF THE CURB.
7. CONTRACTOR TO COORDINATE AND FIT PULL BOXES INTO SIDEWALK JOINTS.
8. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO TRENCHING.
9. NO POLES, PLANTERS, TREES WITHIN 5'-FT OF WATERLINES, LATERALS, METERS, VAULTS. NO WATERLINES UNDER CURB, GUTTER AND PAVERS.
10. CONDUIT SHOWN DIAGRAMMATICALLY ONLY. SEE CONDUIT INSTALLATION DETAIL FOR SPECIFIC LOCATION.

LEGEND

- RIGHT-OF-WAY LINE
- STREET LIGHT CONDUIT
- 6" X 6" TREE WELL WITH GRATE (REFER TO HARDSCAPE PLANS)
- 5" X 5" TREE WELL (REFER TO HARDSCAPE PLANS)
- EXISTING LIGHT POLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- 100 WATT "HPS" STREET LIGHTS
- 100 WATT/150 "HPS" WATT STREET LIGHTS
- 400 WATT "HPS" STREET LIGHTS

STREET LIGHT CONSTRUCTION NOTES

- A FURNISH AND INSTALL DOUBLE ARM STREET LIGHT ASSEMBLY AND FOUNDATION WITH 100W FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL "B" ON SHEET SL6
 - B FURNISH AND INSTALL DOUBLE ARM STREET LIGHT ASSEMBLY AND FOUNDATION WITH 100W AND 150W FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL "B" ON SHEET SL6
 - C FURNISH AND INSTALL DOUBLE ARM STREET LIGHT ASSEMBLY AND FOUNDATION WITH 150W FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL "B" ON SHEET SL6
 - D FURNISH AND INSTALL DOUBLE ARM STREET LIGHT ASSEMBLY WITH 100W/150W FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL "B" ON SHEET SL6. INSTALL ON EXISTING FOUNDATION.
- 1 PROVIDE AND INSTALL W/ 2-#4 THW & 1-#8 THW GROUND CONDUCTOR IN UNDERGROUND 2" PVC CONDUIT
 - 2 STUB & CAP CONDUIT W/ 1-#8 TRACER WIRE IN 2" CONDUIT 5' PAST IMPROVEMENTS
 - 3 2" PVC CONDUIT W/ 1-#8 TRACER WIRE (TO INTERCEPT W/ EXISTING CONDUIT & WIRE)
 - 4 PROVIDE AND INSTALL NO. 3 1/2 LIGHTING PULL BOX PER CCAUSD NO. 323 & 328. LID TO BE MARKED STREET LIGHTING
 - 5 PROVIDE AND INSTALL NO. 5 LIGHTING PULL BOX PER CCAUSD NO. 323 & 328. LID TO BE MARKED STREET LIGHTING
 - 6 PROVIDE AND INSTALL P-30 PULL BOX PER CCAUSD NO. 761 & 764. LID TO BE MARKED FIBER OPTIC
 - 7 INTERCEPT EXISTING 4" INTERCONNECT CONDUIT AND CONNECT 4" INTERCONNECT CONDUIT WITH 6-PAIR, REA-PE-39, NO.22 AWG TWISTED WIRE PAIR CABLE OR EQUAL
 - 8 PROVIDE AND INSTALL 4" INTERCONNECT CONDUIT WITH 6-PAIR, REA-PE-39, NO.22 AWG TWISTED WIRE PAIR CABLE OR EQUAL
 - 9 SEE NVENERGY DRAWINGS.
 - 10 PROVIDE AND INSTALL 2-3" C. SEE TRAFFIC SIGNAL SHEETS.
 - 11 INTERCEPT EXISTING CONDUIT.
 - 12 EXISTING STREETLIGHT TO BE REMOVED. RE-USE EXISTING DUAL ARM CIRCUIT. CONDUIT AT WIRE FOR NEW 100/150W STREET LIGHT AT THIS LOCATION.
 - 13 SHOWN FOR CLARITY. REFER TO TRAFFIC SIGNAL DRAWINGS

CONDUIT INSTALLATION DETAIL

NOT TO SCALE

FAST
Call before you UnderGround
1-702-432-5300
FREEMAN AND ARTERIAL SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811

PUBLIC WORKS DEPARTMENT		2727 SOUTH RANCHO BOULEVARD 333 N. RANCHO DRIVE LAS VEGAS, NV 89106 702-229-6272	
STREET LIGHTING PLAN STA 25+00.00 TO STA 33+00.00		DOWNTOWN PEDESTRIAN & BICYCLE IMPROVEMENTS 1ST STREET - HOOVER AVENUE TO BRIDGER AVENUE	
DRAWN BY: NT	DESIGNED BY: NT	CHECKED BY: TA	PROJECT NO: 7550
5/20/2013		5/20/2013	
5/20/2013		5/20/2013	
SCALE: HORIZ 1"=40'		VERT. N/A	
SHEET SL3 47 OF 83 SHEETS DRAWING NO. 107V6664-1ST			