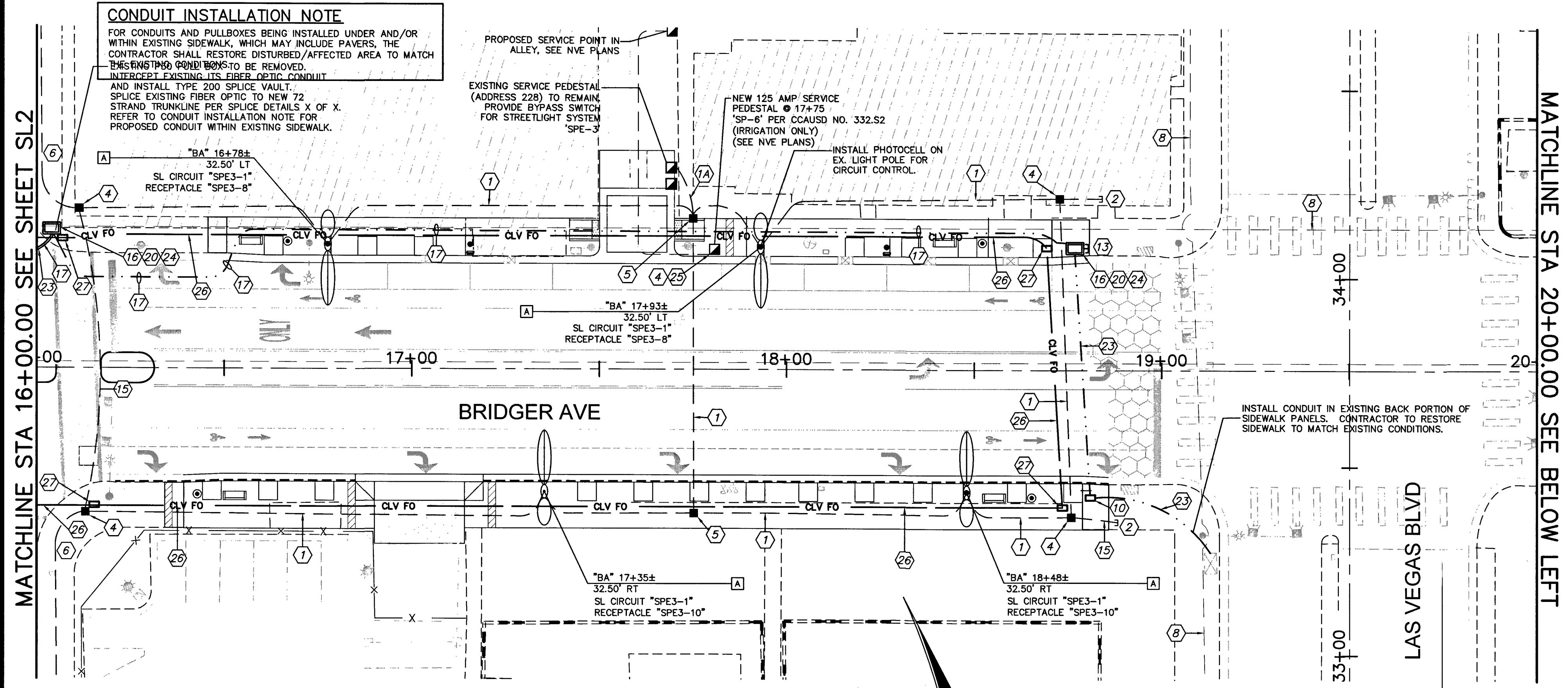




NOTES

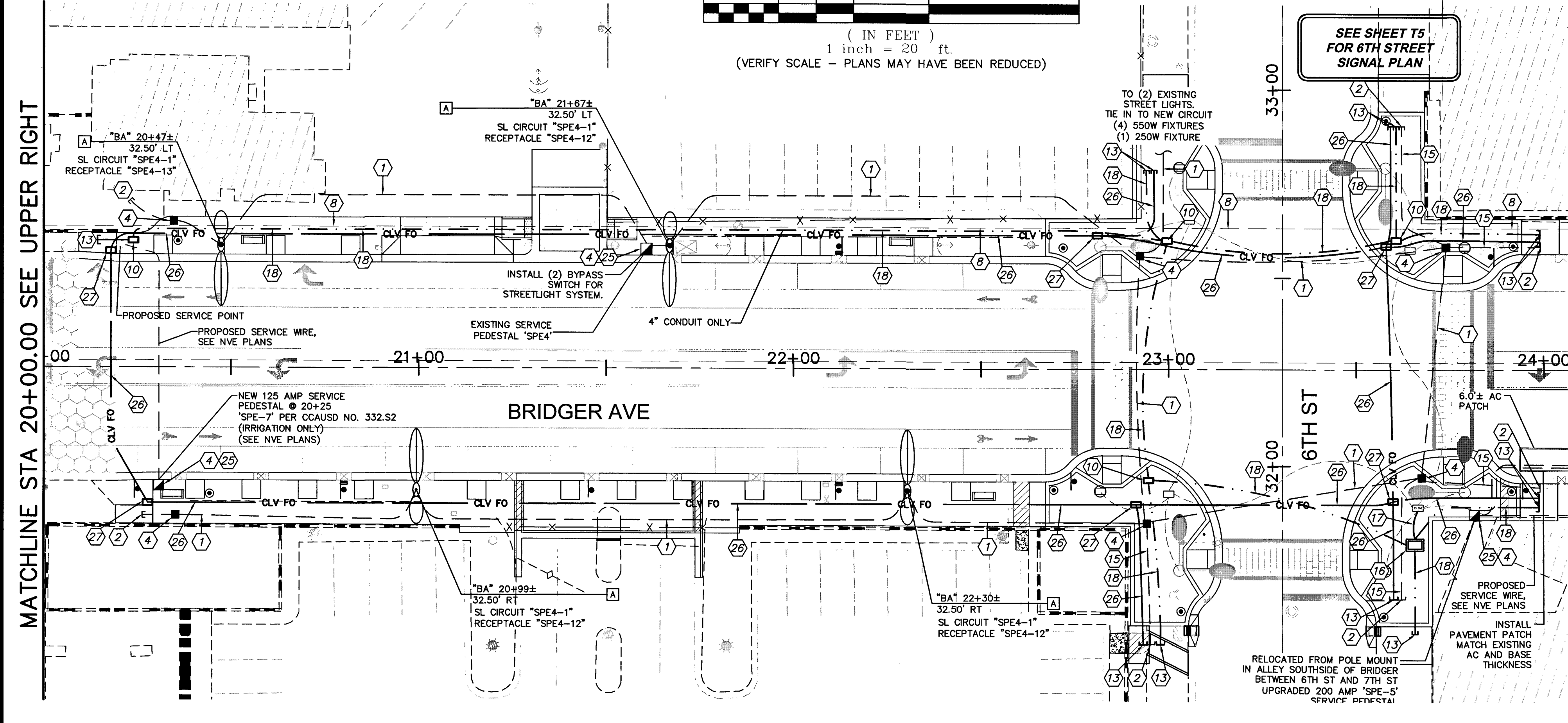
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- EXISTING STREETLIGHTS TO REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL.
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- CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. ALL IMPROVEMENTS DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- ALL PULL BOX COVERS SHALL BE BONDED PER USD NO. 323.
- CONDUIT ROUTING AND PULL BOX LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLANS AND MAY VARY IN THE FIELD.
- CONTRACTOR TO COORDINATE AND FIT PULL BOXES INTO SIDEWALK JOINTS.
- CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO TRENCHING.
- NO POLES, PLANTERS, TREES WITHIN 5-FT OF WATERLINES, LATERALS, METERS, VAULTS. NO WATERLINES UNDER CURB, GUTTER AND PAVERS.

LEGEND

- RIGHT-OF-WAY LINE
- STREET LIGHT CONDUIT
- FIBER OPTIC 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
- 160/110 LED WATT STREET LIGHTS
- 160 LED WATT STREET LIGHTS
- SERVICE PEDESTAL W/ NO. 3 1/2 LIGHTING PULL BOX PER CCAUSD NO. 323 & 326. LID TO BE MARKED STREET LIGHTING.

STREET LIGHT AND ITS CONSTRUCTION NOTES

- FURNISH AND INSTALL DOUBLE ARM STREET LIGHT ASSEMBLY AND FOUNDATION WITH 160W/110W LED FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL ON SHEET SL5
- NOT USED
- FURNISH AND INSTALL SINGLE ARM STREET LIGHT ASSEMBLY AND FOUNDATION WITH 160W LED FIXTURES. ARM LENGTH AND POLE HEIGHT PER DETAIL SL5
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- PROVIDE AND INSTALL UNDERGROUND 2" PVC CONDUIT W/ 2-#4 THW (SL), 2-#6 THW (RECEPTACLE) & 1-#6 THW GROUND CONDUCTOR
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- STUB & CAP CONDUIT W/ 1-#8 TRACER WIRE IN 2" CONDUIT TO LIMITS OF CONST.
- 1 1/4" PVC CONDUIT W/ 1-#8 TRACER WIRE (TO INTERCEPT W/ EXISTING CONDUIT & WIRE)
- PROVIDE AND INSTALL NO. 3 1/2 LIGHTING PULL BOX PER CCAUSD NO. 323 & 326. LID TO BE MARKED STREET LIGHTING.
- PROVIDE AND INSTALL NO. 5 LIGHTING PULL BOX PER CCAUSD NO. 323 & 326. LID TO BE MARKED STREET LIGHTING
- INTERCEPT EXISTING CONDUIT STUB AND CONNECT TO EXISTING CIRCUIT.
- EXISTING STREET LIGHT TO BE REMOVED. RE-USE EXISTING CIRCUIT, CONDUIT AND, WIRE FOR NEW 100W/150W STREETLIGHT AT THIS LOCATION
- EXISTING CABLE AND/OR CONDUIT TO REMAIN
- PROVIDE AND INSTALL CDCA, PER RTC UNIFORM SPECIFICATION 681, IN EXISTING CONDUIT WITH 6-PAIR, REA-PE-39, NO. 22 AWG TWISTED WIRE PAIR CABLE OR EQUAL.
- PROVIDE AND INSTALL P-30 PULL BOX PER CCAUSD NO. 761 & 764. LID TO BE MARKED FIBER OPTIC
- SHOWN FOR CLARITY, REFER TO TRAFFIC SIGNAL DRAWINGS.
- EXISTING NO. 3 1/2 LIGHTING PULL BOX
- STUB & CAP 4" INTERCONNECT CONDUIT AND WIRE (IF WIRE IS BEING INSTALLED) TO LIMIT OF CONST.
- INSTALL 3" CONDUIT W/ 1-#8 TRACER WIRE AND PULL STRING
- INSTALL 2" CONDUIT W/ 1-#8 TRACER WIRE AND PULL STRING
- INSTALL TYPE 200 SPLICE VAULT PER CCAUSD NO. 762
- PROVIDE AND INSTALL 4" INTERCONNECT CONDUIT WITH 72 STRAND FIBER OPTIC CABLE AND 6-PAIR, REA-PE-39, NO. 22 AWG TWISTED WIRE PAIR CABLE OR EQUAL.
- INSTALL 4-INCH INTERCONNECT CONDUIT WITH A #8 TRACER WIRE AND PULL STRING.
- LOOP PROPOSED 72 STRAND FIBER OPTIC CABLE AND 6-PAIR, REA-PE-39, NO. 22 AWG TWISTED WIRE PAIR CABLE OR EQUAL TO AND FROM EXISTING TYPE 200 SPLICE VAULT (SEC) IN EX INTERCONNECT CONDUIT
- CONTRACTOR TO SPLICE CDCA TO PROPOSED 72 STRAND FIBER OPTIC CABLE IN UNDERGROUND SPLICE ENCLOSURE PER SPLICE DETAIL ON SHEETS SL7-SL8
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- EX P30 PULL BOX TO BE REMOVED AND REPLACE WITH TYPE 200 SPLICE VAULT PER CCAUSD NO. 762
- PROVIDE AND INSTALL CDCA, PER RTC UNIFORM SPECIFICATION 681, IN 4-INCH INTERCONNECT CONDUIT WITH 6-PAIR, REA-PE-39, NO. 22 AWG TWISTED WIRE PAIR CABLE OR EQUAL
- CONTRACTOR IS TO SUPPLY A LAYER 2-FIELD-HARDENED ETHERNET SWITCH (RUGGEDCOM-RUGGED SWITCH RS900) PER RTC UNIFORM SPECIFICATION 684 AND CABLING TO FAST.
- SERVICE PEDESTAL TO BE PER USD NO. 730, 332.S2 AND 335.S2
- PROVIDE AND INSTALL 4" CLV FIBER OPTIC CONDUIT WITH HERCULENE HL-P2500T TRACEABLE PULL TAPE OR APPROVED EQUIVALENT.
- PROVIDE AND INSTALL P-30 PULL BOX PER CCAUSD NO. 761. LID TO BE MARKED "CLV FIBER OPTIC".



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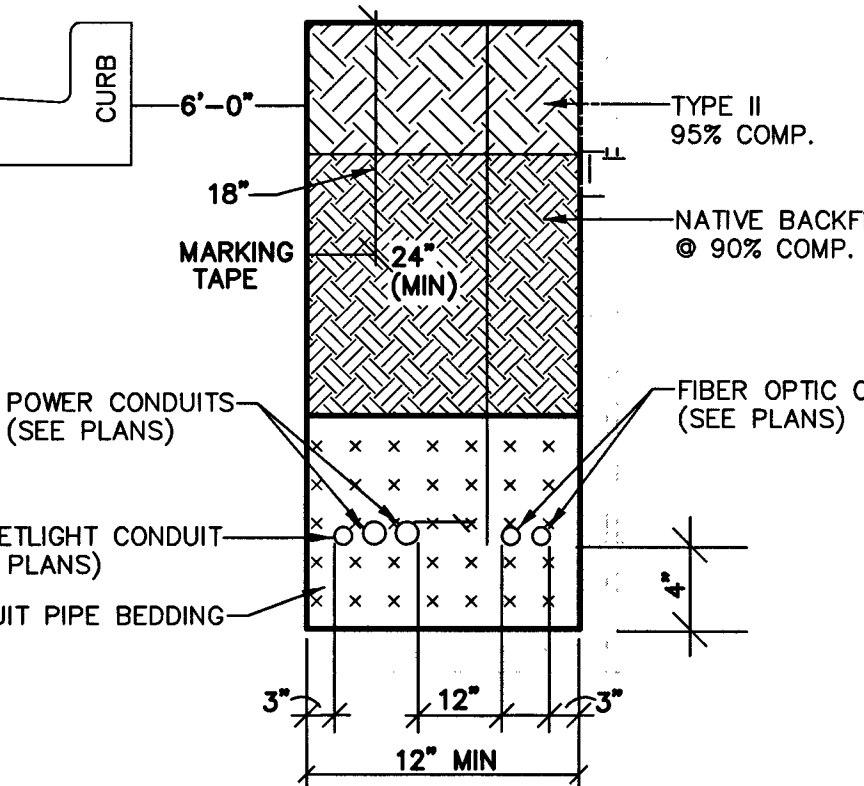
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CONDUIT INSTALLATION DETAIL

NOT TO SCALE



FAST

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

CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

Call before you Dig
811
ELECTRICAL

PUBLIC WORKS DEPARTMENT 333 N. RANCHO DRIVE LAS VEGAS, NV 89106 702-229-6272		2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH: (702) 875-7550 FAX: (702) 875-7550 WEB SITE: WWW.VTNV.COM
STREET LIGHTING PLAN STA 16+00.00 TO STA 24+00.00 BRIDGER AVENUE		DOWNTOWN PEDESTRIAN & BICYCLE IMPROVEMENTS BRIDGER AVENUE MAIN STREET TO 6TH STREET
DRAWN BY: JULY 2014 DESIGNED BY: JULY 2014 CHECKED BY: JULY 2014 PROJECT NO: SCALE HORIZ. 1"=20' 2550 VERT. N/A	SHEET SL3 52 OF 72 SHEETS DRAWING NO. 107V5664-BRIDGER	