

- LOCATIONS OF ALL UNDERGROUND FACILITIES ARE TAKEN FROM AVAILABLE MAPS AND RECORDS.
 ACTUAL FIELD LOCATIONS OF ALL UTILITIES MUST BE VERIFIED BY CONTRACTOR PRIOR TO TRENCHING.
 CONTACT USA DIGALET, 1-800-4422-4153, PRIOR TO DIGGING.
- ALL WORK SHALL COMPLY WITH ENGINEERING DRAWINGS, CONTRACT DOCUMENT AND ALL APPLICABLE PROVISIONS OF THE SDG&E UNDERGROUND STANDARDS HANDBOOK, LATEST REVISION.
- 3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF G.O. 128.
- 4. ALL WORK SHALL COMPLY WITH ALL STATE AND LOCAL TRAFFIC CONTROL REGULATIONS.
- ANY DEVIATION FROM ENGINEERING DRAWINGS MUST BE APPROVED BY SDG&E PRIOR TO CONSTRUCTION. MAINTAIN AND UPDATE THE AS-BUILT RECORDS TO DOCUMENT ALL FIELD CHANGES.
- PROVIDE NECESSARY ANCHORING TO PREVENT CONDUITS FROM FLOATING WHILE THEY ARE BEING ENCASED IN SLURRY.
- WHEN REQUIRED, USE ONLY PLASTIC STRAPS TO SECURE CONDUITS UNLESS OTHERWISE APPROVED. NO FERROUS METAL SHALL ENGIRCLE AN INDIVIDUAL DUCT.
- 8. MINIMUM DEPTH OF BACKFILL ABOVE TOP OF CONDUIT SHALL BE 24" UNLESS NOTED OTHERWISE.
- VERTICAL CLEARANCE BETWEEN EXISTING UTILITIES AND DUCT BANK SHALL BE A MINIMUM OF 6" PER STANDARD 3370.6 EUG, UNLESS OTHERWISE NOTED.
- 10. ALL RADII ARE 25 FEET UNLESS SPECIFIED OTHERWISE.
- 11. ALL ELEVATIONS SHOWN ARE RECORD PLAN ONLY.
- CONTRACTOR SHOULD ANTICIPATE ENCOUNTERING ROCK CLUSTERS THROUGHOUT THE LENGTH OF THE ALIGNMENT AND SHOULD PLAN ACCORDINGLY WITH APPROPRIATE EQUIPMENT.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PERMIT FOR TEMPORARY CONSTRUCTION . THE LOWINGHING IS NESS-UNISHED FOR USHAINING A PERMIT FOR TEMPORARY CONSTRUCTION DEWLETRING. A PERMIT IS REQUIRED FROM THE REGIONAL WHETE QUALITY CONTINCE, BOARD FOR ANY REGIONAL WATER QUALITY CONTROL BOARD WASTE DISCHARGE FERMIT REQUIREMENTS, AS APPLICABLE BEFORE STARTING DEWLETRING PERMITS FROM THE CONTRACTOR SHALL GRIAN AUTHORIZATION, AS REQUIRED, FOR THE DISPOSAL OF GROUNDWATER. THE CONTRACTOR SHALL GOTON COMPLY WITH ALL APPLICABLE SAMPLING, ESTING, MONITORING, AND REPORTING REQUIREMENTS.
- 14. CONTRACTOR TO INSTALL WARNING TAPE ONE FOOT ABOVE 12KV ELECTRICAL PACKAGE IN TRENCH.
- 15. CONTRACTOR TO VERIFY SERVICE CONDUIT SIZE BEFORE TRENCHING.
- 16. ALL SERVICES TO BE COMPLETED ON THIS WORK ORDER.

GENERAL NOTES

HE FOLLOWING PROJECT IS TO IMPRIVE SERVICE RELIABILITY BY PRESENTING EXTENSES AND THE FOLLOWING PROJECT TO SERVICE OF THE SERVICE OF SUBSTATION BREAKER TO THE DESCAMS SERVICE, AS WELL AS 7.5 MILES OF UNDERGROUND LOCAL DISTRIBUTION. INSTALL 26 NEW HANDHOLES, 1 NON SCAAD SWITCH, 2 SCADA SWITCHES, 9 TRANSFORMERS, AND 3-4" 12 KY DUCT BANKS TO INSURE SERVICE RELIABILITY.

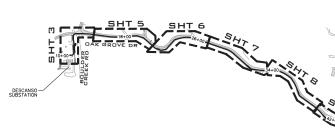
CONTACTS

DCA:	GEORGE FAY		933-576
	TROY KNAPP		609-456
SDG&E ENGINEER: ENVIRONMENTAL:	RICARDO RODRIGUEZ CHRIS TERZICH		654-864 838-877
ELECTRICAL DESIGN:	GABRIEL LEE		610-920
CIVIL DESIGN:	YEZID FUENTES		385-214
SURVEY BY:	NICK ROSSI		385-215
DRAWN BY:	MARCO A. REYES	(858)	385-211

SHEET INDEX

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SHEETS 3-3: 12KV UNDERGROUND
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SHEETS 39-42: CONDUIT SCHEMATICS
SHEETS 47: ONE—LINE SCHEMATICS

C79 DIRECT UNDERGROUND



BASIS OF COORDINATES

THE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 AND ARE EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI, AT EPOCH 2007, AND ARE BASED ON POINT SDOPS-35 PUBLISHED NOS POINT 1D DC2137.

BASIS OF BEARINGS

BEARINGS ARE REFERENCED TO GRID NORTH AS DEFINED BY THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI AND ARE BASED ON THE OBSERVED LINE FROM POINT SDGPS-35 TO POINT MOMP (POINT ID ABSOSA), SAID BEARING = \$79"-40"-55"E.

BASIS OF ELEVATION

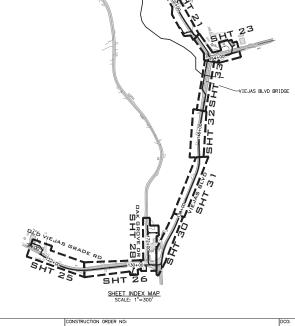
ELEVATIONS ARE REFERENCED TO NAVD88, UTILIZING GEOID12A AND DETERMINED LOCALLY BY NGS POINT Y 612 (POINT ID DC0166) NAVD88 ELEVATION = 2800.70 FT.

LOCAL BASIS OF COORDINATES

LOCAL CONTROL USED FOR THIS PROJECT WAS BASED ON TOWILL CONTROL POINTS SDGE-005 AND SDGE-108. SDGE-005 = N - 1901195.20 FT, E - 6439828.98 FT

SERVICES CONVERTING TO UNDERGROUND

- DESCANSO ELEM SCHOOL MAIN BUILDING (TO THE WESTZ SERVICE TO METER E6694399 TO BE REWIRED TO ACCEPT UNDERSCHOUND SERVICE, SCHOOL DISTRICT INSPECTION REQUIRED. INSTALL 1PH 400A PULL CAN ON RIGID SUPPORT NEAR SOUND WALL AT SOUTHWEST CONNER AND GPEN LODG & BOND TO ENITION WEATHERNIST WA
- DESCANSO ELEM SCHOOL SHED BUILDING (TO THE EAST) SERVICE TO METER E6694401 TO BE REWRED TO ACCEPT UNDERGOUND SERVICE. SCHOOL DISTRICT INSPECTION REQUIRED. INSTALL IPH 400A PULL CAN ON WEST WALL SOUTH OF WETER ACCESS DOOR. GREN LOOP & BOND TO EXISTING WHATHERIEAD.
- 3. DESCANSO LIBRARY: SERVICE TO METER E6508558 TO BE REWIRED TO ACCEPT UNDERGROUND SERVICE. COUNTY PERMIT REQUIRED. INSTALL 1PH 200A PULL CAN ON WEST WALL AT SOUTHWEST CORNER. OPEN LOOP & BOND TO EXISTING
- FIRE STATION METER POLE (TO EAST OF BUILDING NEAR DRIVEWAY) SERVICE TO METER ESSISSEZ TO BE REWIRED TO ACCEPT UNDERGROUND STRWICE, COUNTY PERMIT REQUIRED, INSTALL 39H 200A PULL CAN ON RIGID SUPPORT WITHIN 18' OF EXISTING METER POLE, OFEN LOOP & BOND TO EXISTING WEATHERHEAD, CUSTOMER POLE NO LONGER REQUIRED TO BE CUMBABLE BY SDOAK.
- FIRE STATION BUNKHOUSE: SERVICE TO METER E5757762 TO BE REWIRED TO ACCEPT UNDERGROUND SERVICE. COUNTY PERMIT REQUIRED. INSTALL 19H 200A PULL CAN ON NORTH WALL NEAR NORTHWEST CORNER. OPEN LOOP & BOND TO EXISTING WEATHERHEAD.
- POST OFFICE/STORE/GAS STATION: SERVICE TO 4 METERS INCLUDING USPS METER E6611770 TO BE REWIRED TO ACCEPT UNDERGROUND SERVICE. COUNTY PERMIT REQUIRED. INSTALL 3PH 800A PULL CAN ON WEST WALL NEAR NORTHWEST CONNER. OPEN LOOP AND BOND TO EXISTING METATHERIEAD.
- TOWN HALL: SERVICE TO METER E5552698 TO BE REWRED TO ACCEPT UNDERGROUND SERVICE. COUNTY PERMIT REQUIRED. INSTALL FIPH 200A PULL CAN BELOW INDIGOM TO RIGHT OF METER TO MAINTAIN 3' CLEAR ELEVEL WORKING SPACE. INSTALL RISER TIGHT TO LEFT SIDE OF WINDOW AND OFFEN LOOP & BOND TO EXISTING WEATHERHEAD.



SCALE 1"= 300





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28 0M	В						
ny.	С						DESIGN CONTRACT ADM
ice	D						GEORGE FAY

SDGE		DIEGO GAS & ELECTRIC IC CONSTRUCTION ORDER OH/UG DRAWING	PR
DESIGN CONTRACT	ADMIN	(619) 933-5764	DE:

SWEETWATER RIVER

	CONSTRUCTION ORDER NO:						DCO:	
CTRIC								
ORDER	PROJECT NOTIFICATION NO:		JOB NOT	IFICATION NO:			-	
	3-330019			3-3491	57			
3-5764	DESIGNED BY	(760) 61	0-9206	PLOT DATE		4		4
	GARRIEL LEE	, ,,		12/29/20	SHT	1	OF	4

