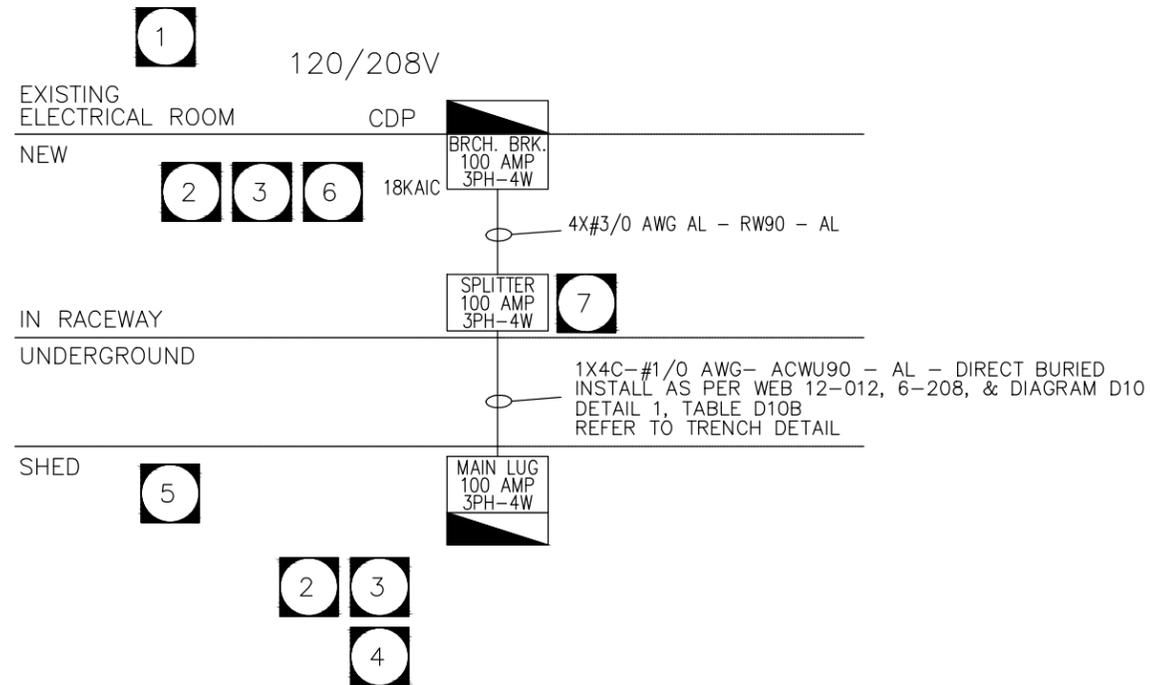


NOTES:

1. USE DIAGRAM AS GUIDELINE ONLY.
2. THE BOTTOM OF THE TRENCH & THE BACKFILL MATERIAL IS ROCK FREE.
3. SAND BEDDING IS IN PLACE.
4. ENSURE PROPER COMPACTION OF EXCAVATED AREAS.
5. ENSURE PROPER LOCATION, PLACEMENT, & DEPTH OF CABLE.
6. ENSURE PROPER PLACEMENT OF MARKER TAPE ALONG CABLE PER CODE.
7. ENSURE PADS, BOXES, & BASES INSTALLED TO PROPER LEVEL & GRADE ACCORDING TO DESIGNS & PLANS.
8. BACKFILL SHALL BE ONLY DONE AFTER INSPECTOR APPROVED THE CABLE INSTALLATION.
9. CABLES FROM METER & TO METER TO BE INSIDE WALL CAVITY.

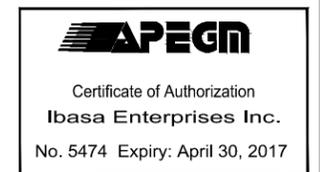
1 TRENCH DETAIL
E03



2 SINGLE LINE DIAGRAM
E03

NOTES

1. CIRCUIT BREAKER PROTECTION:
 1. FULLY RATED OR USING SERIES RATED COMBINATIONS
 2. INTEGRATED EQUIPMENT RATED (IER) WHEN USING SERIES-RATED SYSTEMS, THEY SHALL BE TESTED/LABELED AS A SERIES-RATED COMBINATION
 3. LABEL/NAMEPLATE TO BE INSTALLED IN A CONSPICUOUS AND LEGIBLE MANNER TO INDICATE THAT THEY SHOULD ONLY BE REPLACED WITH COMPONENTS OF THE SAME TYPE AND RATING REFER TO CEC 14-014
2. DOWNSTREAM OVERCURRENT DEVICES MUST BE SERIES RATED COMBINATIONS WITH THE UPSTREAM PROTECTIVE DEVICE. FOR SERIES RATED COMBINATIONS, EACH DEVICE MUST BE LABELED TO INDICATE:
 1. THAT REPLACEMENT COMPONENTS MUST BE OF THE SAME TYPE AND RATING ONLY
 2. TESTED IER KA RATING
 3. SPECIFIC UPSTREAM PROTECTIVE DEVICE
 4. PERMISSIBLE BRANCH DEVICES
 5. PANELBOARD DESIGNATION
 6. VOLTAGE
3. SERVICE ENTRANCE EQUIPMENT TO MEET UTILITY REQUIREMENTS
4. SUPPLY & INSTALL PANELS MAKE: EATON, PANEL CIRCUITING AS PER SCHEDULE, PANEL TO BE SUITABLE FOR WET ENVIRONMENT.
5. SUPPLY & INSTALL GROUND BONDING WIRE SIZE #6 AWG-CU- STRANDED BACK TO MAIN BUILDING GROUND BONDING CONDUCTOR.
6. SUPPLY & INSTALL BREAKER IN CDP TO BE 100AMPS C/W INTERRUPTING RATING AS NOTED. SUPPLY & INSTALL IDENTIFICATION LABEL TO MATCH EXISTING.
7. SUPPLY & INSTALL SPLITTER BOX FOR 100A 120/208V 3PH - 4 WIRE AS NOTED ON DRAWINGS. SUPPLY & INSTALL PERMANENT ATTACHED LAMACOID LABEL TO IDENTIFY UNIT, SUPPLY & LOAD CIRCUITS.



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