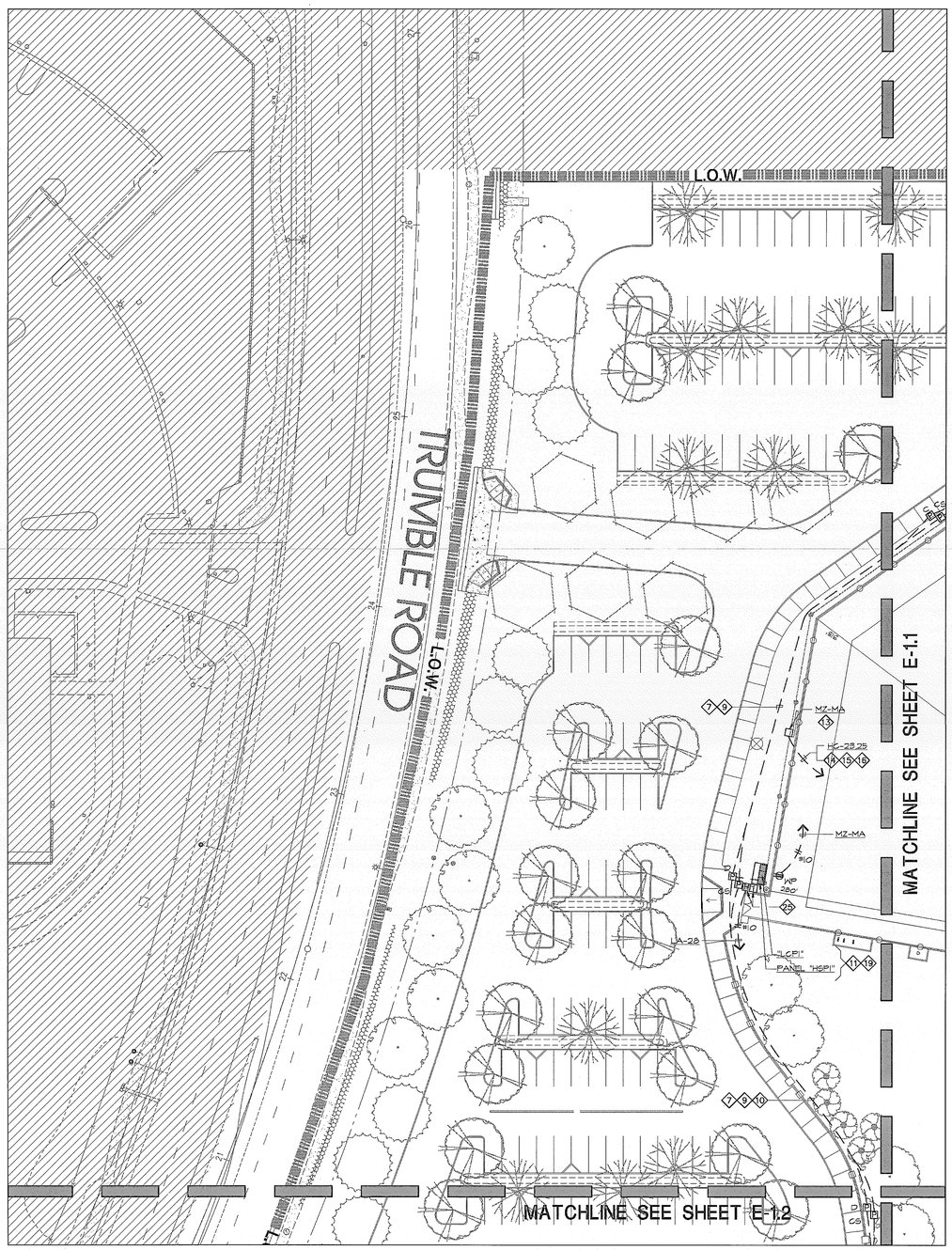


GENERAL NOTES

1. ALL UTILITY WORK (POWER, TELEPHONE AND CABLE TV) SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE SERVING UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE SERVING UTILITY TO RECEIVE COMPLETE INFORMATION ON THEIR REQUIREMENTS PRIOR TO THE SUBMISSION OF THE BID. THE ACT OF SUBMITTING THE BID SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO INSTALL SERVICE IN COMPLIANCE WITH THE SERVING UTILITY AND THE CONTRACT DOCUMENTS.
2. ALL ITEMS SUCH AS SERVICE CONDUIT, CONDUCTORS, CONCRETE PAD, PULL BOXES AND PROTECTIVE COVERING FROM SERVICE LOCATION SHALL BE PROVIDED AND INSTALLED, AND SHALL BE VERIFIED WITH THE SERVING UTILITY COMPANY.
3. NO CONDUIT SHALL BE INSTALLED UNDER BUILDING FOUNDATIONS. VERIFY LOCATION OF BUILDING FOUNDATIONS PRIOR TO INSTALLATION.

PLAN NOTES - ELECTRICAL SITE POWER PLAN

1. MAIN SWITCHBOARD "MS". SEE DETAIL ON SHEET E-0.3.
2. TRANSFORMER SLAB BOX. FURNISH AND INSTALL PER S.C.E. REQUIREMENTS.
3. PRIMARY SERVICE CONDUIT. FURNISH AND INSTALL PER S.C.E. REQUIREMENTS.
4. SECONDARY SERVICE CONDUITS. FURNISH AND INSTALL PER S.C.E. REQUIREMENTS.
5. 2-4"C.O., FURNISH AND INSTALL PER TELEPHONE CO. REQUIREMENTS.
6. 1-4"C.O., FURNISH AND INSTALL PER CATV CO. REQUIREMENTS.
7. SEE SINGLE LINE DIAGRAM ON SHEET E-0.5 FOR SIZE OF FEEDERS. PROVIDE 1-4"C.O. SPARE ELECTRICAL CONDUIT.
8. SIGNAL CONDUITS:
   1-2"C WITH CABLES AS REQUIRED - TELEPHONE
   1-2"C WITH CABLES AS REQUIRED - DATA
   1-2"C WITH CABLES AS REQUIRED - CABLE TV
   1-2"C WITH CABLES AS REQUIRED - PUBLIC ADDRESS
   1-2"C WITH CABLES AS REQUIRED - FIRE ALARM
   1-2"C WITH CABLES AS REQUIRED - SECURITY
   2-2"C.O. - SPARE
9. SIGNAL CONDUITS:
   1-1 1/4"C WITH CABLES AS REQUIRED - TELEPHONE
   1-1 1/4"C WITH CABLES AS REQUIRED - DATA
   1-1 1/4"C WITH CABLES AS REQUIRED - CABLE TV
   1-1 1/4"C WITH CABLES AS REQUIRED - PUBLIC ADDRESS
   1-1 1/4"C WITH CABLES AS REQUIRED - FIRE ALARM
   1-1 1/4"C WITH CABLES AS REQUIRED - SECURITY
   2-1 1/4"C.O. - SPARE
10. LIGHTING CONTROL CONDUITS AND WIRING. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E-0.6.
11. ALL PANELS, DISCONNECTS AND TRANSFORMERS SHALL BE IDENTIFIED ON THE OUTSIDE AS TO EQUIPMENT OR AREAS SERVED. PROVIDE NAMEPLATES WITH MINIMUM LETTER HEIGHT AS SCHEDULED BELOW.
    -PANELBOARDS: 1/4"; IDENTIFY EQUIPMENT DESIGNATION, 1/8"; IDENTIFY AREA SERVED, 1/8"; IDENTIFY VOLTAGE RATING AND SOURCE.
    -DISCONNECT SWITCHES AND INDIVIDUAL CIRCUIT BREAKERS: 1/8"; IDENTIFY EQUIPMENT OR LOAD SERVED.
    -TRANSFORMERS: 1/4"; IDENTIFY EQUIPMENT DESIGNATION, 1/8"; IDENTIFY PRIMARY AND SECONDARY VOLTAGES, PRIMARY SOURCE, AND SECONDARY LOAD AND LOCATION.
12. SCOREBOARD POWER "ON-OFF" SWITCH, DOUBLE DUPLEX GFI RECEPTACLE, SCOREBOARD CONTROL JACK, MICROPHONE JACK OUTLET BOXES AND DEVICES. SEE DETAIL "E" ON SHEET E-5.1.
13. SCOREBOARD.
    FURNISH AND INSTALL 5 KVA, 480V-240/120V, 1 PHASE, COMBINATION TRANSFORMER AND PANEL, OUTDOOR TYPE, COMPLETE WITH 20A/2P PRIMARY MAIN C/B, 30A/2P SEC. MAIN C/B, (2) 30A/1P BRANCH C/B FOR SCOREBOARD POWER (VERIFY REQUIREMENTS WITH SCOREBOARD MANUFACTURER), (2) 20A/1P BRANCH C/B FOR RECEPTACLE CIRCUITS AND (2) 20A/1P SPARE BRANCH CIRCUIT BREAKERS. COMBINATION TRANSFORMER AND PANEL SHALL BE SQUARE D MINI-POWER ZONE NO. MPZ5540F OR APPROVED EQUAL.
14. 1 1/4"C - 2 #8 & 1 #8 G THAN CU - SCOREBOARD COMBINATION TRANSFORMER AND PANEL POWER.
15. 1"C WITH SCOREBOARD SHIELDED CONTROL CABLE TO RESPECTIVE SCOREBOARD CONTROL OUTLET.
16. 1"C - 2 #10 & 1 #10 GRD. THAN CU. TO SCOREBOARD POWER "ON-OFF" SWITCH AT STADIUM CENTER SEATING. SEE CONTROL DIAGRAM ON SHEET E-0.7.
17. SEE BATTING CAGE SWITCHBOARD DETAIL "F" ON SHEET E-5.1.
18. PITCHING MACHINE CONTROL CONDUIT AND CABLES. SEE BATTING CAGE ELECTRICAL PLAN ON SHEET E-3.0. RUN CONDUIT THROUGH SIGNAL PULL BOX.
19. SEE MINOR LEAGUE FIELDS A & B SWITCHBOARD DETAIL "G" ON SHEET E-5.1.
20. WEATHERPROOF PERIMETER SECURITY SYSTEM SENSORS AND SIREN. PROVIDE COMPLETE WITH 2" DIA. GALV. STEEL MOUNTING POST.
21. SEE BATTING CAGE ELECTRICAL PLANS ON SHEET E-3.0.
22. SEE SOCCER ARENA POWER PLANS ON SHEET E-4.1
23. NOT USED
24. NOT USED
25. IRRIGATION CONTROLLERS. SEE IRRIGATION PLANS.
26. 1"C WITH SECURITY SYSTEM CABLES.
27. 3' X 5' UNDERGROUND ELECTRIC PULL BOX. FURNISH AND INSTALL PER SCE REQUIREMENTS.
28. 3' X 5' UNDERGROUND TELEPHONE PULL BOX. FURNISH AND INSTALL PER TELEPHONE CO. REQUIREMENTS.
29. INTERCEPT EXISTING 1 - 4"C AND EXTEND TO NEW PULL BOX. FURNISH AND INSTALL PER SCE REQUIREMENTS.
30. 17" X 30" x 24"D UNDERGROUND CATV PULL BOX. FURNISH AND INSTALL PER CATV CO. REQUIREMENTS.
31. FUSED DISCONNECT SWITCH FOR MINOR LEAGUE FIELDS MISTING SYSTEM PUMP 30A5/20AF/2P/WP
32. GFCI TYPE DUPLEX RECEPTACLE FOR DUGOUT FAN, REFER TO DUGOUT DRAWINGS.

POWER COMPANY CONTACT:

SOUTHERN CALIFORNIA EDISON
26100 MENIFEE ROAD
MENIFEE, CA 92585
ATTN: GREG HASTY
TEL: (951) 928-8363

TELEPHONE COMPANY CONTACT:

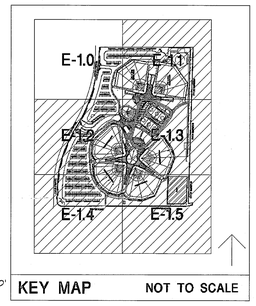
VERIZON CALIFORNIA, INC.
150 S. JUANITA STREET
HEMET, CA 92543
ATTN: CRYSTAL CARILLO / TEL: (951) 929-8529
HARMEET KAUR / TEL: (951) 929-2783

CABLE TV COMPANY CONTACT:

TIME WARNER CABLE
1581 COMMERCE ST.
CORONA, CA 92880
ATTN: STEVE WATERS / TEL: (951) 654-1189
PETER PERDIKAKIS / TEL: (714) 414-1549

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

0' 15' 30' 60'



KEY MAP NOT TO SCALE

MOORE IACOFANO GOLTSMAN, INC.
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CONSULTANT:

LRA ENGINEERS
Electrical Consulting Engineers
1471 Pomona Road, Unit E
Corona, California 92880
Tel: (951) 737-4568 Fax: (951) 737-6619

PROJECT TEAM:

LANDSCAPE ARCHITECT
MIG INC.

ARCHITECT
PITASSI ARCHITECTS INC.

CIVIL ENGINEERS/SURVEYOR
WALDEN & ASSOCIATES

STRUCTURAL ENGINEERS
CORREIA CONSULTING & DESIGN

ELECTRICAL ENGINEERS
LRA ENGINEERS

IRRIGATION DESIGNER
WILLIAMS IRRIGATION DESIGN

GEOTECHNICAL ENGINEERS
CONVERSE CONSULTANTS

TURF GRASS CONSULTANT
GUISE AND ASSOCIATES

PERRIS VALLEY Big League Dreams

2155 Trumble Road
Perris, California, 92570

SHEET TITLE

ELECTRICAL SITE POWER PLAN

100% CONSTRUCTION DOCUMENT

DATE	REVISIONS

STAMP

REGISTERED PROFESSIONAL ENGINEER
CHARLES R. REGALADO
No. E16914
Exp. 6-30-11
ELECTRICAL
STATE OF CALIFORNIA

CHECKED BY	DATE
LRA	

DATE	FILE NAME
01-07-10	

DRAWN BY: CR

JOB NO.: 05208.00

SCALE: 1"=30'-0"

SHEET: E-1.0

295 OF 313 SHEETS