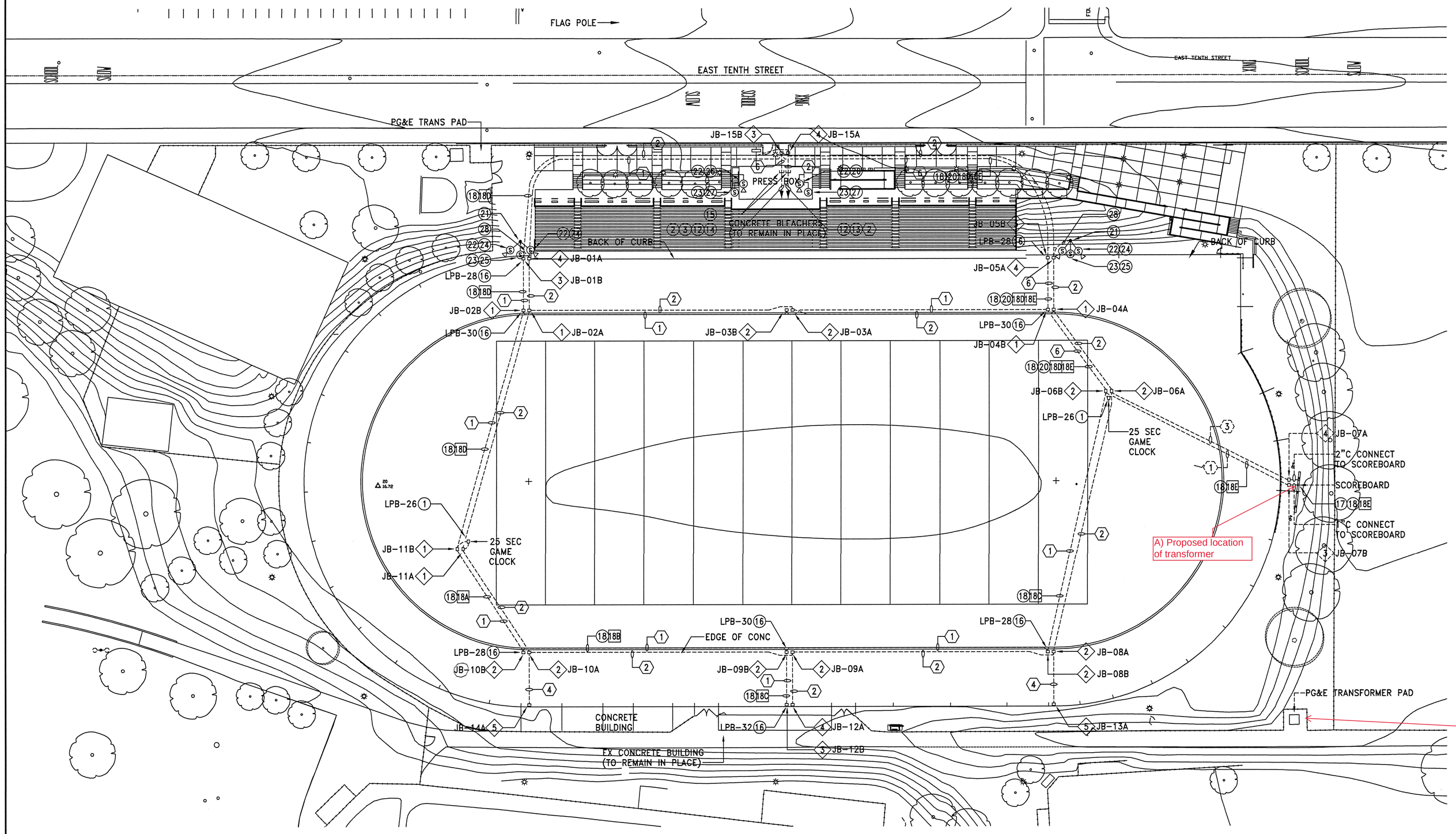

LANEY COLLEGE ELECTRICAL/COMMUNICATION SITE PLAN

SCALE: 1" = 30'-0"

JUNCTION BOX FIXTURE SCHEDULE

JB#	T	E	S	F	C	PA	FU	COMMENTS
JB 01A	3	0	0	0	8	11	0	
JB 01B	0	5	0	0	0	0	0	
JB 02A	1,3	0	0	0	0	0	0	
JB 02B	0	5	0	0	0	0	0	
JB 03A	2	0	0	0	8	0	0	
JB 03B	0	5	0	0	0	0	0	
JB 04A	1	0	0	0	0	0	0	
JB 04B	0	5	0	0	0	0	0	
JB 05A	0	0	0	0	0	11	0	
JB 05B	0	5	0	0	0	0	0	
JB 06A	0	0	9	0	0	0	0	
JB 06B	0	5	0	0	0	0	0	
JB 07A	0	0	0	0	0	0	0	
JB 07B	0	0	0	0	0	0	0	
JB 08A	1	0	0	0	0	0	0	
JB 08B	0	5	0	0	0	0	0	
JB 09A	2	0	0	0	8	0	0	
JB 09B	0	5	0	0	0	0	0	
JB 10A	1	0	0	0	0	0	0	
JB 10B	0	5	0	0	0	0	0	
JB 11A	0	0	9	0	0	0	0	
JB 11B	0	5	0	0	0	0	0	
JB 12A	0	0	0	0	8	0	0	
JB 12B	0	5	0	0	0	0	0	
JB 13A	0	0	0	0	0	0	0	
JB 14A	0	0	0	0	0	0	0	
JB 15A	0	0	0	0	0	0	0	
JB 15B	0	0	0	0	0	0	0	

JUNCTION BOX FIXTURE SCHEDULE KEY

JB	JUNCTION BOX	
T	TIMING	
E	ELECTRICAL	
S	SCOREBOARD	
F	FOOTBALL	
C	COMMUNICATION	
PA	PUBLIC ADDRESS	
FU	FUTURE	
0	NO FIXTURE	
1	STARTERS GUN	SPORT EQUIPMENT
2	WIND GAUGE	SPORT EQUIPMENT
3	TIMING CAMERA	SPORT EQUIPMENT
4	DUPLEX ELECTRICAL OUTLET	POWER
5	QUAD ELECTRICAL OUTLET	POWER
6	PA MICROPHONE JACK (WIRELESS)	
7	FOOTBALL HEADSETS (WIRELESS)	
8	TELEPHONE JACK	
9	25 SECOND DELAY OF GAME CLOCK	
11	PA SPEAKER	

PULL BOX NOTES

1. SPORTS EDGE 30"L x 18"W COMBOX 3550 WITH CENTER DIVIDER AND ARTIFICIAL TURF COVER KIT.
2. SPORTS EDGE 30"L x 18"W COMBOX 3000 WITH CENTER DIVIDER WITH ALUMINUM COVER FILLED WITH SYNTHETIC SURFACE MATERIAL ON JOBSITE.
3. CHRISTY N30 10-5/8"W x 17-1/4"L x 12"D PULL BOX WITH N30T CONCRETE COVER LABEL FOR "ELECTRICAL".
4. CHRISTY N36 17-1/4"W x 30"L x 12"D PULL BOX WITH N36T CONCRETE COVER LABEL FOR "COMMUNICATION".
5. CHRISTY N9 PULL BOX WITH CONCRETE COVER LABEL FOR "COMMUNICATION".

ELECTRICAL GENERAL NOTES

1. LIGHT COLORED EQUIPMENT ARE EXISTING AND ARE PROVIDED UNDER PHASE I CMX'S CONSTRUCTION PACKAGE. COORDINATE ALL WORK WITH PHASE I CONSTRUCTION.
2. USE GALVANIZED RIGID STEEL CONDUITS FOR ALL CONDUIT RISER FROM UNDERGROUND TO ABOVE GRADE.
3. PROVIDE COMPLETE POWER & WIRING TO RECEPTACLE IN SPORTEDGE PULL BOX. CONNECT ALL OUTLETS TO PANEL "LBP". IN PRESS BOX, SEE DETAIL 2/E6.0.1.
4. PROVIDE COMPLETE WIRING TO PA SYSTEM EQUIPMENT AND SPEAKERS, SEE SPECIFICATIONS.
5. PROVIDE COMPLETE WIRING TO SPORT SYSTEM EQUIPMENT INCLUDING SCOREBOARD, 25 SECOND GAME CLOCK AND TRACK AND FIELD SYSTEM EQUIPMENT, SEE DWG E5.1.1.

SHEET NOTES

1. EXTEND EXISTING CONDUIT STUBOUT TO GAME CLOCK CONNECT GAME CLOCK TO CIRCUIT LPB-26. COORDINATE ALL WORK WITH ARCHITECT.
2. 2"C, 3#4 + 1#8 (G), TO LPB-34(36) FOR SCOREBOARD.
3. 2'C, 6#8 + 1#10 (G), TO LPB-26, 28, 30, 32.
4. NOT USED
5. NOT USED
6. ONE 4'C
7. NOT USED
8. NOT USED
9. NOT USED
10. NOT USED
11. NOT USED
12. USE GALVANIZED RIGID STEEL CONDUITS TO EXTEND EXISTING STUBOUTS TO PRESS BOX.
13. EXTEND ALL CONDUITS WITH WIRING (CABLES) TO TELEPHONE/ COMMUNICATION BACKBOARD IN PRESS BOX. SEE DWG E5.1.1 FOR CABLING.
14. EXTEND ALL HOMERUN CONDUITS WITH CONDUCTORS TO PANEL "LPB" IN PRESSBOX.
15. EXISTING CONDUIT STUBOUTS TYPICAL FOR ALL U.O.N.
16. PROVIDE MARINE GRADED FOURPLEX 20A RATED G.F.C.I. RECEPTACLES IN EXISTING PULL BOX, SEE DETAIL 2/E6.1.1. CONNECT RECEPTACLES TO PANEL "LPB" WITH CIRCUITS AS SHOWN.
17. EXTEND GRSCs WITH WIRING TO DISCONNECT SWITCH FOR SCOREBOARD WITH WIRING FOR POWER AND CONTROL. USE 1"GRSC WITH 3#4 +1#8(G) VIA DISCONNECT SWITCH FOR POWER AND 2"GRSC WITH CONTROL WIRING FOR CONTROL. PROVIDE A WEATHER PROOF PAD LOACKED DISCONNECT SWITCH 120/240V, 50A RATED AT THE SCOREBOARD STRUCTURE AND CONNECT SCOREBOARD TO LB-34(36).
18. PROVIDE THE FOLLOWING CONDUCTORS IN EXISTING CONDUITS FOR POWER CONNECTION TO EQUIPMENT:
    - 18A 4#8 AND 1#10 (G)
    - 18B 3#8 AND 1#10 (G)
    - 18C 2#8 AND 1#10 (G)
    - 18D 6#8 AND 1#10 (G)
    - 18E 3#4 AND 1#8 (G) FOR SCOREBOARD
19. LIGHT COLORED EQUIPMENT ARE EXISTING AND PROVIDED UNDER CMX (PHASE I) CONSTRUCTION PACKAGE. COORDINATE ALL WORK WITH PHASE I CONSTRUCTION. TYPICAL FOR ALL U.O.N.
20. PROVIDE CONDUCTORS IN TWO EXISTING 2"CS. USE ONE 2"C FOR SCOREBOARD WIRING 18C AND THE OTHER CONDUIT FOR RECEPTACLES 18D .
21. 5"ROUND x 20' HIGH STEEL POLE FOR PA SYSTEM.
22. WEATHER PROOF SPEAKER HORN, TYPICAL FOR ALL.
23. WEATHER PROOF SPEAKER.
24. POLE MOUNT SPEAKER HORN AT 18' A.F.F.
25. POLE MOUNT SPEAKER AT 17' A.F.F.
26. MOUNT SPEAKER HORN AT PRESSBOX STRUCTURE ON ROOF.
27. MOUNT SPEAKER AT PRESSBOX STRUCTURE ON ROOF.
28. 1 1/2"GRSC TO SPEAKERS AND SPEAKER HORNS WITH CABLES.

CONDUIT NOTES

1. 2'C FOR ELECTRICAL
2. 2"C FOR FOOTBALL & COMMUNICATION
   2"C FOR TIMING, SCOREBOARD & PUBLIC ADDRESS
   2"C FOR FUTURE
   4"C FOR FUTURE TV
3. 2"C FOR SCOREBOARD
4. 2"C FOR PUBLIC ADDRESS
5. 2"C FOR TIMING
6. TWO 2'C FOR ELECTRICAL.

APPROVED
DIV. OF THE STATE ARCHITECT

AC _____ F/LS_____ SS_____
APPL # 01-104459 DATE: _____
FILE: 1-C1 _____

SHEET TITLE: LANEY COLLEGE ELECTRICAL/COMMUNICATION SITE PLAN

PERALTA COMMUNITY COLLEGE DISTRICT, OAKLAND, CALIFORNIA

F.W. ASSOCIATES, INC.
CONSULTING ENGINEERS
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PHONE: (415) 861-0286 FAX: (415) 861-0191

REGISTERED PROFESSIONAL ENGINEER
DANIEL CHEUK-YU LEE
No. 11735
Exp. 9-30-2004
ELECTRICAL
STATE OF CALIFORNIA

KYA
ARCHITECTURE
KENDALL YOUNG ASSOCIATES
720 YORK STREET - SUITE 104
SAN FRANCISCO CA 94110
T 415 552 1118
F 415 552 1372

STATE OF CALIFORNIA
KENDALL M. YOUNG
LIC. NO. C7565
REN. 7/31/03
LICENSED ARCHITECT

KYA JOB NO. 01062-19	DATE: 05-07-02	SCALE: 1"=30'-0"
DESIGNED: DL/TT	DRAWN: TT	APPROVED: DL
REV. #18 02-10-03 BULLETIN 16		DWG. NO.
#13 4-22-03 BULLETIN 12 LANEY COLLEGE PHASE 1C		E3.1.2
		SHT. OF