CHABOT-LAS POSITAS
COMMUNITY COLLEGE DISTRICT
PURCHASING DEPARTMENT

June 25, 2020

Addendum No. 1
INVITATION TO BID No.: B19/20 - 18
DW Emergency Call Station (ECS) Project

To: All Prospective Bidders

This Addendum One (1) is issued to incorporate the following changes, additions or deletions to the Bid No. B19/20-18. Any modifications/changes made by this addendum affect only the portions or paragraphs specifically identified herein; all remaining portions of Bid No.B19/20-18 to remain in force. It is the responsibility of all responders to conform to this addendum.

A. ADDITIONS, CHANGES AND/OR CLARIFICATIONS:

Changes:

The following Changes have been added to the bid documents:

1. **Change to Bid Submission method and requirements:**

   Due to COVID-19 bids will only be accepted via electronic mail. Electronic bids must be signed by a licensed notary verifying its authenticity.

   Return Electronic proposals to:

   Michael McClung, Buyer
   Purchasing & Warehouse Services Department
   Email: mmcclung@clpccd.org

   Bids are due electronically by Wednesday July 1, 2020 at 2:00 P.M. A soft copy of the notarized document must be forwarded electronically along with a copy of the bid. Failure to submit the notarized document and the meet deadline in the RFP will result in disqualification of the bid. Any submittals will be returned without review.

A hard copy of the original bid and notarized copy MUST also be sent via US mail to:

Chabot-Las Positas Community College District
7600 Dublin Blvd, 3rd Floor
Dublin, CA 94568
ATTN: Marie Hampton, Purchasing Manager

All bids shall be submitted electronically and mailed in envelopes clearly marked on the outside "BID NO. B19/20 - 18 DW Emergency Call Station (ECS) Project".

2. **Change to Bid Opening procedure and time:**

   CLPCCD invites you to attend the project bid opening via Zoom Conference beginning at **2:30PM July 1, 2020:**

   Topic: **B19/20 - 18 DW Emergency Call Station (ECS) Project Bid Opening**

   Time: **Jul 1, 2020 02:30 PM Pacific Time** (US and Canada)

   Join from PC, Mac, Linux, iOS or Android:
   https://cccconfer.zoom.us/j/96389221462?pwd=U3FwcS9HQTFjL21UZUNEQzJjUDlVdz09

   Password: 985890

   Or iPhone one-tap (US Toll): +16699006833,96389221462# or +12532158782,96389221462#

   Or Telephone:
   Dial:
   +1 669 900 6833 (US Toll)
   +1 253 215 8782 (US Toll)
   +1 346 248 7799 (US Toll)
   +1 646 876 9923 (US Toll)
   +1 301 715 8592 (US Toll)
   +1 312 626 6799 (US Toll)
   Meeting ID: 963 8922 1462
   Password: 985890
   International numbers available: https://cccconfer.zoom.us/u/acH3z36BwS

   Or Skype for Business (Lync):
   SIP:96389221462.985890@lync.zoom.us

3. **Clarification of Notice to Bidders posted on 6/5/20:**

   Original Notice to bidders stated that Bids are due by Thursday July 1, 2020 at 2:00 P.M.

   This is to clarify **Bids are due by Wednesday, July 1 at 2:00 P.M.**

4. **Change to "General Conditions: Special Conditions, Section 10. Additional Definitions, Sub-section 10.5 Rain Days:**

   Pursuant to Article 7.3.9 of the General Conditions, the rain days included within the contract period shall be **fifteen (15)** calendar days.

5. **"FOR INFORMATION ONLY",** below is a list of vendors in the Bay Area that have sent technicians to Zenitel training within the last five (5) years. This list is not meant to be exhaustive, and it is not a requirement that the contractor use one of these firms. This list is purely informative to help bidders in obtaining the required certifications needed to complete the project and makes no changes to the contract documents.

   Netronix Integration
   2170 Paragon Dr
   San Jose, CA 95131 US

   Johnson Controls
   21270 Cabot Blvd
   Hayward, CA 94545 US

   Comtel
   1292 Hammerwood Ave
   Sunnyvale, CA 94089 US

   W. Bradley Electric
   90 Hill Rd
   Novato, CA 94945 US

   Ojo Technology
   103 Hammond Ave.
   Fremont, CA 94539 US

   RFI
   360 Turtle Creek Ct
   San Jose, CA 95125 US

   Rab Com Limited- RCL
   25613 Dollar Street Suite 1
   Hayward, CA 94544 US

   M.C. Dean, Inc.
   3036 Scott Blvd.
   Santa Clara, CA 95054 US

6. **"FOR INFORMATION ONLY",** the list of CommScope Systimax partners in Northern California can be found at https://www.commscope.com/partners/partner-locator/.

7. **"FOR CLARIFICATION",** the original issued Sandis Utility Drawings did not all print properly and so portions of the existing utility infrastructure were not shown. Replace in full the "Chabot College Utility System Map" Excerpts from Sandis

dated August 2014 “Attachment A – Chabot College Utility System Map – Excerpts from Sandis dated August 2014 - Rev 1” PDF and replace in full Las Positas College Utility System Map with “Attachment B - Las Positas College Utility System Map – Excerpt” from Sandis Dated October 2012 Rev 1” PDF.

8. **ADDITIONS:** Attachments A-F are provided for additional information and use.

B. RFI QUESTIONS AND RESPONSES:

Question 1: There are no pathways shown in the parking lot of this drawing depicting the existing pathways either to an existing emergency tower or IDF, in order to determine distances. Could more detailed drawings be provided for both campuses that show existing pathways in greater detail?
This information requested above is missing on most of the drawings for both campuses.

Response: COM pathways are shown in orange on the Attachment A - Chabot – Excerpts from 2014 College Utility Map – Rev 1.

Additional (post 2014) information for Chabot pathways is shown on “Attachment C - Chabot Supplemental Parking Lot Pathways”.

COM pathways are shown in orange on the Attachment B - Las Positas Except from 2012 College Unity Map – Rev 1.

Additional (post 2012) information for the Las Positas pathways is shown on “Attachment D – Las Positas Supplemental Parking Lot Pathways”.

Question 2: Could drawings be provided showing where the existing IDF in a building is located. Again this will help determine total distances for cable pulling. Which buildings on each campus already have exiting conduits going to the IDF Rooms from the external J-boxes? To answer this question will also help determine if pathways are needed to be added in a given building.

Response: Each campuses OSP conduit infrastructure provides pathway into each IDF. Route new ECS cabling in the same manner as existing backbone cable to the IDFs. IDF locations are identified in red on the “Attachment E – Chabot College IDF Locations” and “Attachment F - Las Positas College IDF Locations” PDFs.

Question 3: If we find the distance for copper cables exceeds the 250-ft maximum, what should we do?

Response: For distances greater than 250 feet, the CommScope powered fiber product will be installed by the contractor.

Question 4: What if the lead times on materials exceeds the ability to meet the 180-day schedule?

Response: Based on conversations with the manufactures we do not believe this to be an issue. Non compensable time extension will be issued if this becomes an issue.

Question 5: Section 2.02A calls for indoor/outdoor 4-strand fiber however; on Page-07 of Specifications 271523 section 8B calls for an outside plant rated fiber. Please confirm if it's indoor/outdoor or outside plant rated fiber.

Response: Indoor/outdoor cabling is required, preferably plenum.

Question 6: Please confirm if a 5-year service agreement will be required for the Zenitel Equipment. Or can we provide a price for a 5-year agreement as an alternate.

Response: Include a 5-year service agreement for the Zenitel equipment as part of the base bid.

Question 7: Please provide building floor plans with locations of Tel/Data Rooms with Emergency Call Station equipment & existing phone lines.

Response: Refer to the response to question 2 above

Question 8: Please provide building floor plans with locations of electrical Rooms to be used for power to Emergency Call Station equipment.

Response: Refer to responses to questions 2 and 5 above

Question 9: Does new fiber/cable need to be installed in conduit within the building or is a plenum version of the fiber/cable acceptable.

Response: Indoor/outdoor cabling is required, preferably plenum

Question 10: Does new fiber/cable need to be installed in conduit in MDF's/IDF's/MPOE's or is a plenum version of the fiber/cable acceptable.

Response: Refer to responses to question 2 and 5 above

Question 11: Will electrical engineering be required if a circuit is added for the Call Station System upgrades?

Response: No additional power circuits are required within the scope of this project.

Question 12: List of certified subcontractors to do final termination and testing.

Response: A list of certified subcontractors for Zenitel is provided in A.5 and a URL to a list of CommScope Systimax partners is provide in A.6 of this addendum.

Question 13: List of suppliers for all devices.

Response: In addition to the certified subcontractors and partners referred to in the response to question 12 above, the manufacturer's listed in the technical specifications should be contacted directly for detailed distribution and supply chain information.

Question 14: Extent of new Fiber cable and Cat 6A.

Response: Refer to Attachments A-F included in this addendum #1.

Question 15: Indicate the extent of new trenching on the plan.

Response: The suggested trenching/ boring route for the 3 units on the Chabot Campus are highlighted on page 10 (Sheet T5) of Attachment A – Chabot College Utility System Map Excerpts from Sandis dated August 2014 - Rev 1. The blue highlight indicates the suggested trenching/boring route and the red highlight indicates the existing utility infrastructure into the IDF in B1400.

The suggested trenching/horizontal boring route for 1 unit on the Las Positas Campus are highlighted on page 12 (Sheet T7) of Attachment B – Las Positas College Utility System Map Excerpts from Sandis dated October 2012 - Rev 1. The blue highlight indicates the suggested trenching/boring route and the red highlight indicates the existing utility infrastructure into the north IDF in B2500.

All other terms and conditions remain unchanged.

Michael McClung - Buyer, Purchasing and Warehouse Services
Chabot-Las Positas Community College District

ADDENDUM 1 Clarification #7

Attachment A – Chabot College Utility System Map – Excerpts from Sandis dated August 2014 - Rev 1

CHABOT COLLEGE
UTILITY SYSTEM MAP

CHABOT
COLLEGE

PREPARED BY: SANDIS | CIVIL ENGINEERS SURVEYORS PLANNERS

DATE: AUGUST 2014

SANDIS | CIVIL ENGINEERS SURVEYORS PLANNERS

TITLE PAGE

No.	REVISION	DATE	BY

CAMPUS UTILITY SURVEY

DATE : 8/04/14
SCALE : N.T.S.
DRAWN BY: GL
APPROVED BY: MAK
SANDIS DRAWING No.: 612032

SHEET 1 OF 85 SHEETS

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~~- SYSTEM DIAGRAM . . . . . SSD~~
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SHEET III OF 85 SHEETS

ABBREVIATIONS

AB	–	AGGREGATE BASE
AC	–	ASPHALT CONCRETE
AD	–	AREA DRAIN
ADA	–	AMERICANS WITH DISABILITIES ACT
BFP	–	BACK FLOW PREVENTOR
BLDC	–	BUILDING CORNER
BLDG	–	BUILDING
BOD	–	BOTTOM OF DOCK
BOL	–	BOLLARD
BOS	–	BOTTOM OF STEP
BOW	–	FG @ BOTTOM OF WALL
BW	–	BACK OF WALK
C	–	CONCRETE OR CIVIL
C&G	–	CURB AND GUTTER
CB	–	CATCH BASIN
CI	–	CURB INLET
CIP	–	CAST IRON PIPE
CL	–	CENTER LINE OR CLASS
CMP	–	CORRUGATED METAL PIPE
CO	–	CLEANOUT
CONC	–	CONCRETE
CONST	–	CONSTRUCTION OR CONSTRUCT
DCDA	–	DOUBLE CHECK DETECTOR ASSEMBLY
DI	–	DROP INLET
DIP	–	DUCTILE IRON PIPE
DOM	–	DOMESTIC
DS	–	DOWN SPOUT
DW	–	DOMESTIC WATER
DWG	–	DRAWING
E	–	EAST
EC	–	END OF CURVE
EP	–	EDGE OF PAVEMENT
ELEV	–	ELEVATION
EX., EXIST.	–	EXISTING
FA	–	FIRE ALARM
FC	–	FACE OF CURB
FDC	–	FIRE DEPARTMENT CONNECTION
FF	–	FINISHED FLOOR
FG	–	FINISHED GRADE
FH	–	FIRE HYDRANT
FL	–	FLOW LINE
FOUND	–	FOUNDATION
FS	–	FINISHED SURFACE
FT	–	FOOT
FW	–	FIRE WATER
G	–	GROUND ELEVATION
GB	–	GRADE BREAK
GV	–	GATE VALVE
HCR	–	ACCESSIBLE RAMP
HP	–	HIGH POINT
INV	–	INVERT ELEVATION
JP	–	JOINT POLE
JT	–	JOINT TRENCH
LIP	–	LIP OF GUTTER
MAX	–	MAXIMUM
MH	–	MANHOLE
MIN	–	MINIMUM
MON	–	MONUMENT
N	–	NORTH
NO	–	NUMBER
NTS	–	NOT TO SCALE
P	–	PAVEMENT ELEVATION
PCC	–	PORTLAND CEMENT CONCRETE / POINT OF CONTINUOUS CURVATURE
PIV	–	POST INDICATOR VALVE
PL	–	PROPERTY LINE
PP	–	POWER POLE
PVC	–	POLYVINYL CHLORIDE PIPE
R	–	RADIUS
RC	–	RELATIVE COMPACTION
RCP	–	REINFORCED CONCRETE PIPE
RPPA	–	REDUCED PRESSURE PRINCIPLE ASSEMBLY
R/W	–	RIGHT OF WAY
S	–	SLOPE OR SOUTH
S.A.D.	–	SEE ARCHITECTURAL DRAWINGS
SD	–	STORM DRAIN
SS	–	SANITARY SEWER
STA	–	STATION
STD	–	STANDARD
S/W	–	SIDEWALK
TC	–	TOP OF CURB
TD	–	TRENCH DRAIN
TOE	–	TOE OF SLOPE
TOS	–	TOP OF STAIR
TOW	–	FG @ TOP OF WALL
TYP	–	TYPICAL
WM	–	WATER METER
WV	–	WATER VALVE
W	–	WEST

LEGEND

SAWCUT AND CONFORM LINE

RETAINING WALL

A.C. PAVEMENT

CONC. VALLEY GUTTER

CONC. SIDEWALK OR PAD

6" CURB & GUTTER

EDGE OF A.C. PAVEMENT

6" VERTICAL CURB

CENTER LINE

SANITARY SEWER MAIN — SS

STORM DRAIN MAIN — SD

PERFORATED PIPE — SD

WATER MAIN — W

FIRE WATER MAIN — FW

ABANDONED FIRE WATER MAIN — FW

DOMESTIC WATER MAIN — DW

ABANDONED DOMESTIC WATER MAIN — DW

CHILLED WATER MAIN — CHW

IRRIGATION LINE — IRR

ABANDONED IRRIGATION LINE — IRR

RECLAIMED IRRIGATION LINE — RI

RECLAIMED WATER LINE — RW

HOT WATER MAIN — HW

TRENCH DRAIN

METAL BEAM GUARD RAIL

SILT FENCE

CHAIN LINK FENCE

GAS MAIN — G

ABANDONED GAS MAIN — G

ELECTRIC LINE — E

TELECOM LINE — COM

JOINT TRENCH LINE — JT

STREET LIGHT CONDUIT — SL

GAS METER — GM

GAS VALVE — GV

WATER METER — WM

WATER VALVE — WV

FIRE HYDRANT

BACK FLOW PREVENTOR

POST INDICATOR VALVE — PIV

FIRE DEPARTMENT CONNECTION

WATER LINE TEE

AIR RELEASE VALVE — ARV

SIGN

ACCESSIBLE RAMP

REDUCER

SANITARY SEWER MANHOLE

SANITARY SEWER CLEANOUT — SSCO

STORM DRAIN MANHOLE

STORMCEPTOR

STORM DRAIN AREA DRAIN

STORM DRAIN CATCH BASIN

STORM DRAIN CURB INLET

STORM DRAIN CLEANOUT — SDCO

ELECTROLIER

JOINT POLE

OUTFALL STRUCTURE

DOWN SPOUT — DS

UTILITY NOTE:

UTILITIES SHOWN ON THIS DRAWING ARE A COMPILATION FROM RECORD DRAWINGS PROVIDED BY THE DISTRICT, TOPOGRAPHIC SURVEYS PERFORMED BY OTHERS AS PROVIDED BY THE DISTRICT, PREVIOUS FIELD SURVEYS PERFORMED BY BKF ENGINEERS AND UTILITY DESIGN FILES BY BKF ENGINEERS. THE UTILITIES SHOWN, AND THE LOCATION THEREOF, MAY BE INCOMPLETE OR INACCURATE AND SHOULD BE FIELD VERIFIED PRIOR TO ISSUANCE OF FINAL CONSTRUCTION DOCUMENTS OR CONSTRUCTION ITSELF.

BASIS FOR ELEVATIONS

THE ELEVATIONS ARE BASED ON THE FINISHED FLOOR OF BUILDING 300, AT THE DOORWAY LOCATED ON THE NORTHWESTERLY SIDE OF BUILDING 300, APPROXIMATELY 25' SOUTHWESTERLY FROM THE MOST NORTHERLY CORNER, AS SHOWN ON THE SITE PLAN OF "SOUTH COUNTY COMMUNITY COLLEGE DISTRICT, CHABOT COLLEGE – VALLEY CAMPUS", SHEET A2 DATED 8/30/76. THE ELEVATION WAS TAKEN AS 469.00 FEET. AFTER ESTABLISHING ELEVATIONS ON CONTROL POINTS 21, 22, 23, 24 AND 25, A LEVELING SURVEY WAS RUN FROM BUILDING 300 TO THE CITY OF LIVERMORE VERTICAL BENCHMARK 2K–242, IT WAS FOUND THAT BUILDING 300 WAS .07 FEET LOW AS COMPARED TO THE CITY OF LIVERMORE DATA.

BASIS OF BEARINGS

THE BEARING OF NORTH 00°32'00" EAST, ALONG THE WEST LINE OF PLAT 15 OF THE RANCHO VALLE DE SAN JOSE, AS SHOWN ON RECORD OF SURVEY NO. 666, FILED APRIL 18, 1984, IN BOOK 12 OF RECORDS OF SURVEY, AT PAGES 20 & 21, WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

SANDIS | CIVIL ENGINEERS LAND SURVEYORS PLANNERS
1731 Technology Drive, Suite 200 | San Jose, CA 95110 | T: 408.452.7171 | F: 408.452.7172

NOTES, LEGEND, AND ABBREVIATIONS

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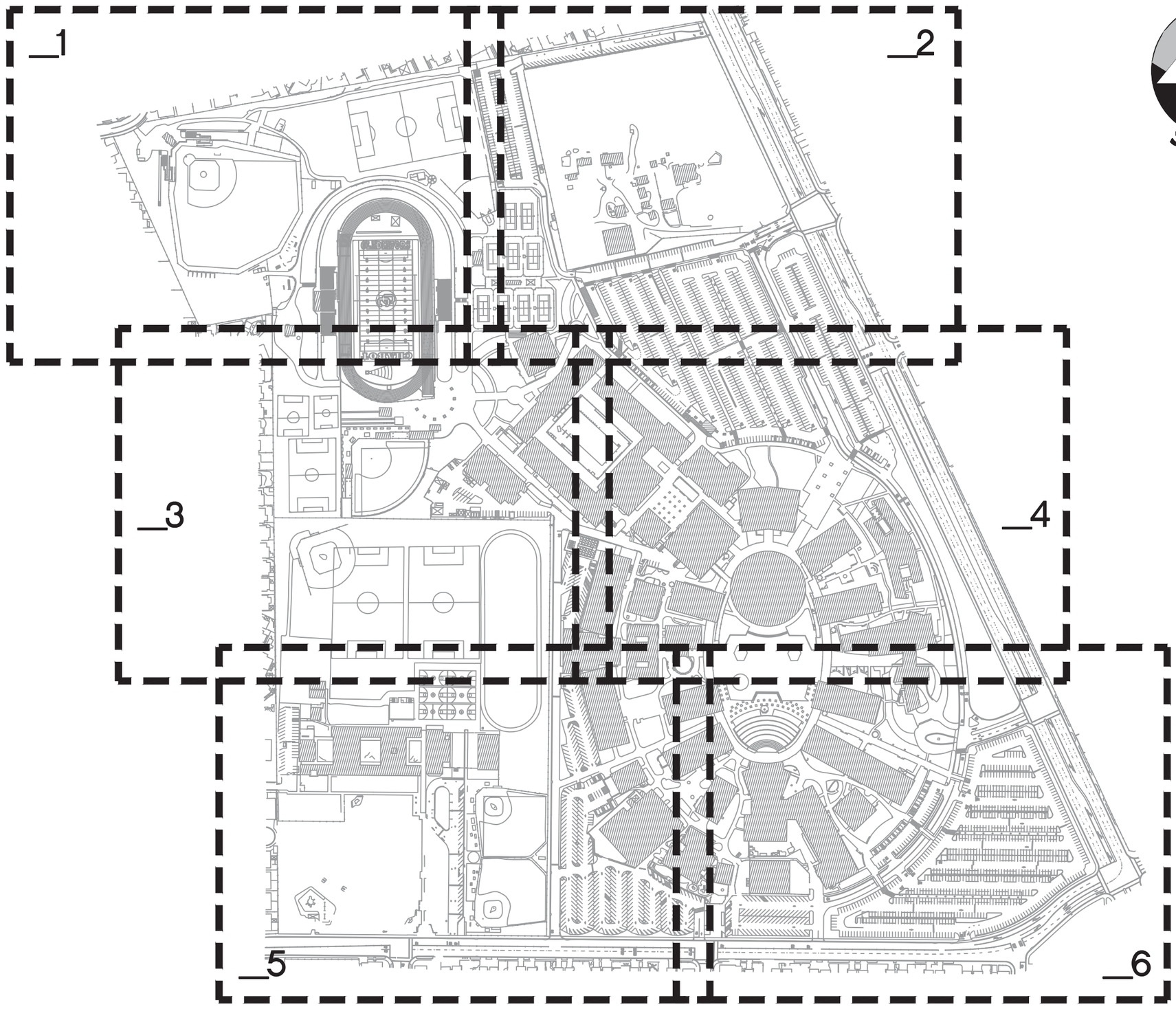
SHEET IV OF 85 SHEETS



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KEY PLAN

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CAMPUS UTILITY SURVEY

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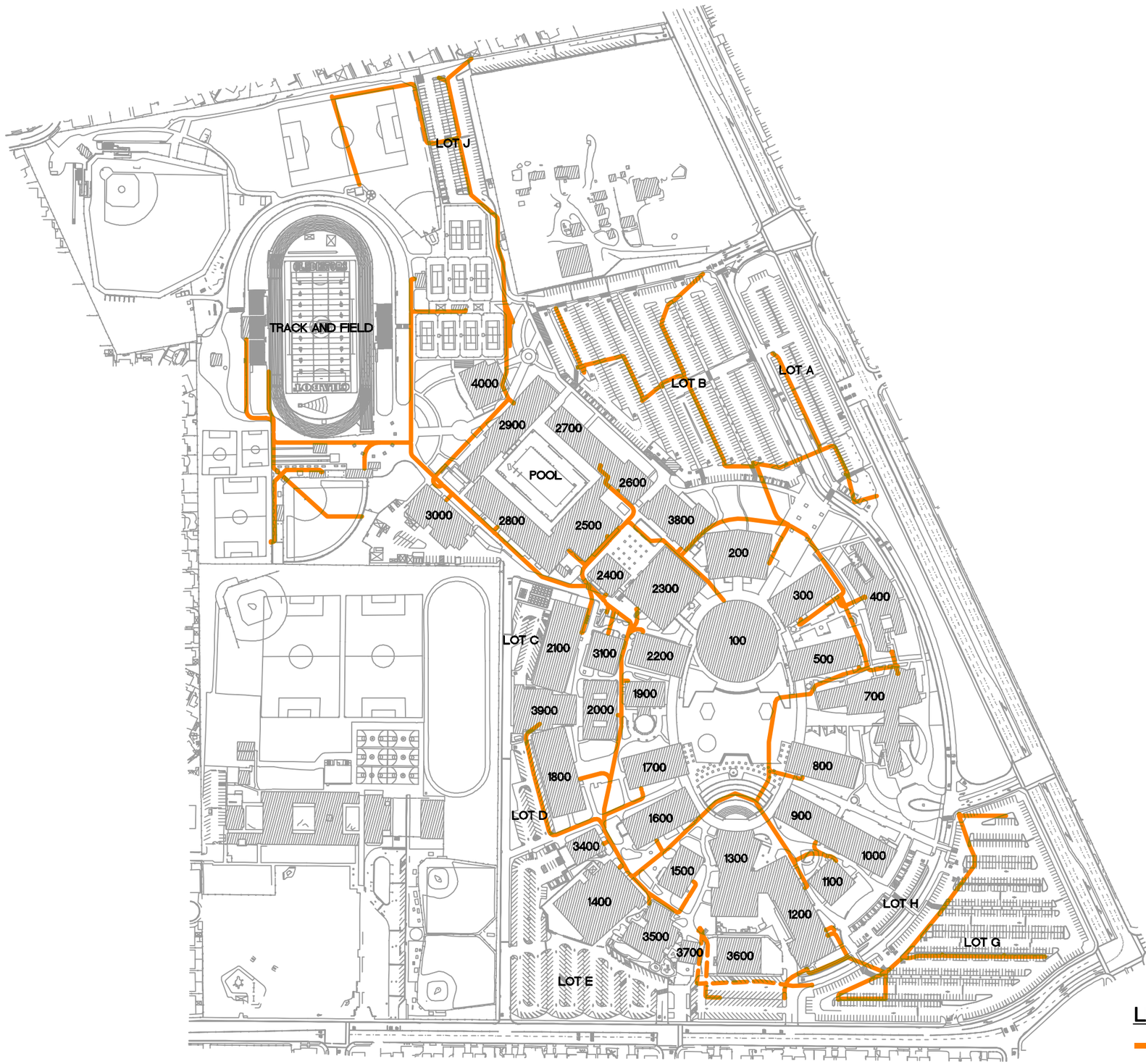
SHEET VIII OF 85 SHEETS

BLDG #	BUILDING NAME
100	LEARNING RESOURCE CENTER
200	ADMINISTRATION
300	BUSINESS EDUCATION BUILDING
400	BUSINESS EDUCATION FACILITY OFFICES
500	SOCIAL SCIENCE BUILDING
700	COMMUNITY STUDENT SERVICE CENTER
800	LANGUAGE ARTS BUILDING
900	HUMANITIES AND FOREIGN LANGUAGE
1000	ART BUILDING
1100	HUMANITIES FACULTY OFFICES
1200	PERFORMING ARTS CENTER
1300	AUDITORIUM
1400	INDUSTRIAL TECHNOLOGY CENTER
1500	TECHNICAL AND VOCATIONAL OFFICES
1600	ENGINEERING BUILDING
1700	PHYSICS AND MATHEMATICS
1800	MATH AND SCIENCE CLASSROOMS
1900	PLANETARIUM
2000	SCIENCE OFFICES
2100	BIOLOGICAL SCIENCES
2200	DENTAL CLINIC
2300	STUDENT CENTER
2400	STUDENT STORE
2500–2900	PE COMPLEX
3000	WAREHOUSE AND MAINTENANCE SHOP
3100	EMERGENCY MEDICAL SERVICES
3400	PRINTSHOP
3500	CHILD CARE CENTER
3600	PORTABLE BUILDING
3700	PORTABLE MODULAR
3800	BOOKSTORE
3900	CHEMISTRY
4000	PE COMPLEX



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0 60 120 180 240 300

1 inch = 300 feet

LEGEND

TELECOM LINE

ABANDONED TELECOM LINE

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www.sandis.net 1721 Broadway, Suite 201 | Oakland, CA 94612 | P. 510.873.8866 | F. 510.873.8868

SUNNYVALE ROSEVILLE OAKLAND

TELECOM SYSTEM DIAGRAM

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CAMPUS UTILITY SURVEY

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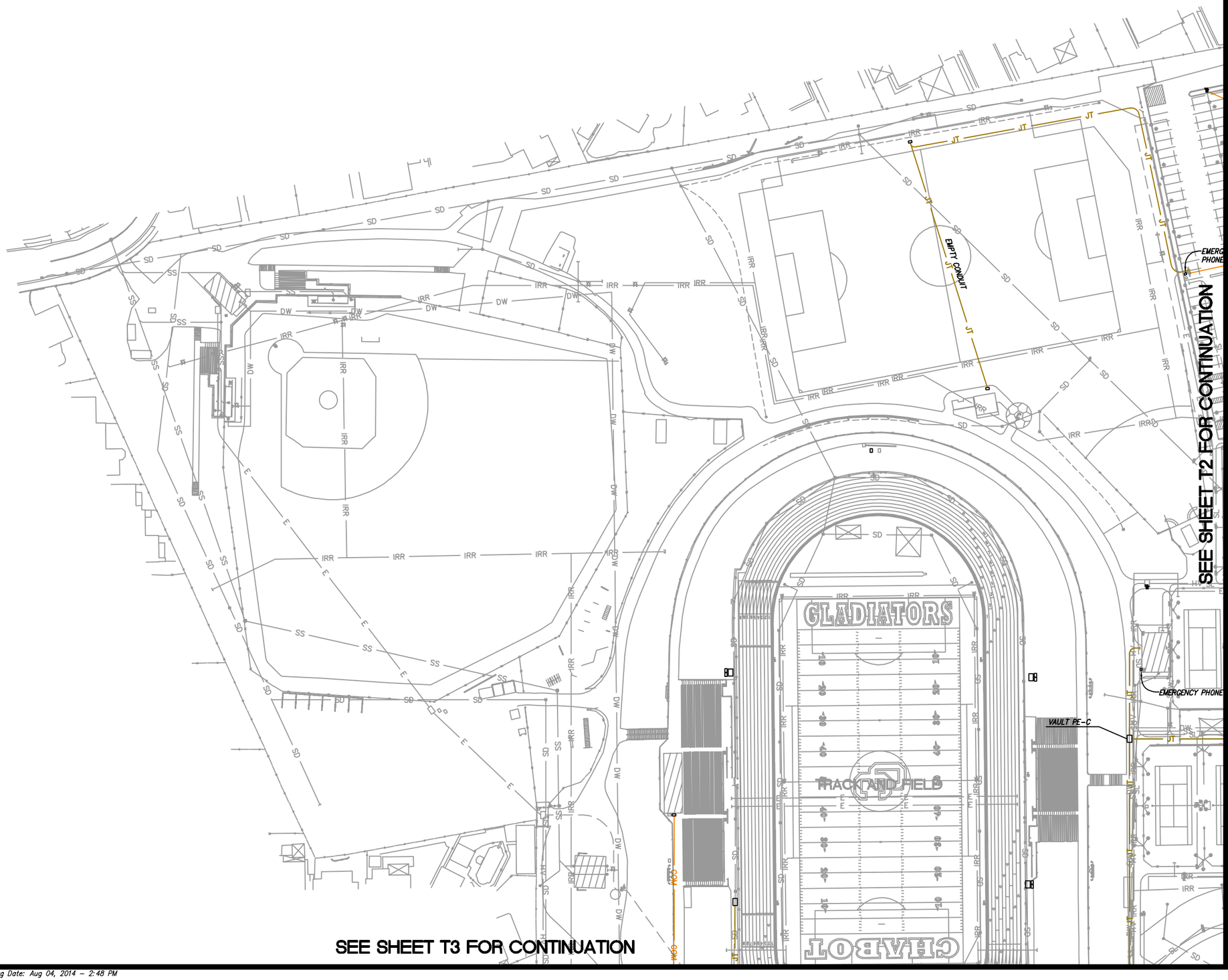
GRAPHIC SCALE

0 20 40 60 80 100

1 inch = 100 ft.



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UTILITY PLAN

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SHEET
T1
OF 85 SHEETS

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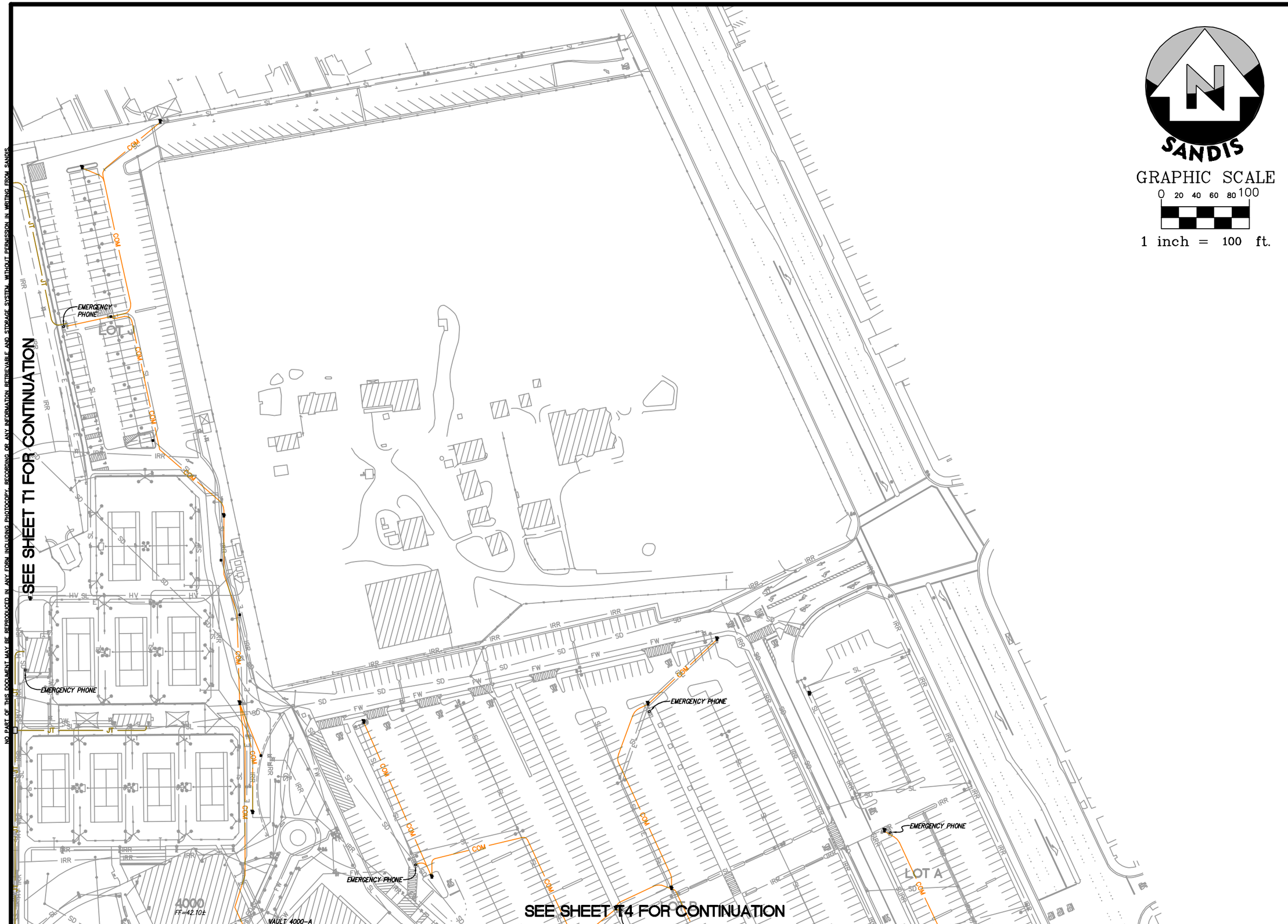

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UTILITY PLAN

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SHEET
T2
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GRAPHIC SCALE

0 20 40 60 80 100

1 inch = 100 ft.

SEE SHEET T1 FOR CONTINUATION

VAULT PE-B

VAULT PE-A

EMERGENCY PHONE

VAULT 4000-A

VAULT 2900-A

VAULT 3000-A

UTILITY CABINET

VAULT 2800-A

4000
FF=42.10±

2900
FF=41.8±

3000
FF=41.8±

2800
FF=41.8±

POOL

SEE SHEET T4 FOR CONTINUATION

SEE SHEET T5 FOR CONTINUATION

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SUNNYVALE ROSEVILLE OAKLAND

UTILITY PLAN

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SHEET
T3
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SEE SHEET T2 FOR CONTINUATION

SEE SHEET T6 FOR CONTINUATION

LOT A

LOT B

POOL

2700 FF=41.8±

2600 FF=41.9±

2500 FF=41.8±

3800 FF=42.5±

2400 FF=42.0±

2300 FF=41.8±

200 FF=42.8±

300 FF=42.9±

400 FF=44.50±

100 FF=42.8±

500 FF=42.8±

2100 FF=38.7±

3100

2200

1900 FF=39.0±

3900

2000

700 FF=43.75±

FF=41.75±

EMERGENCY PHONE

COVERED EMERGENCY PHONE

UTILITY CABINET

VAULT 2700-A

VAULT 2600-A

VAULT FA-7

VAULT 2500-B

VAULT 2500-A

VAULT 2500-C

VAULT FA-6

VAULT 2400-A

VAULT 3300-A

VAULT FA-5

VAULT 3100-A

VAULT FA-1

VAULT FA-3

VAULT FA-2

VAULT 3800-B

VAULT FA-4

VAULT 2000-A

VAULT FA-9

VAULT 200-D

VAULT 200-C

VAULT FA-20

VAULT 300-C

VAULT 300-B

VAULT 300-A

VAULT FA-19

VAULT 500-B

VAULT 500-A

VAULT 700-A

VAULT FA-18

COM

SD

DW

IRR

FW

SS

HV

TEL

SL

JT

IRRW

GL

E

G

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GRAPHIC SCALE

0 20 40 60 80 100

1 inch = 100 ft.

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UTILITY PLAN

No.	REVISION	DATE	BY

CAMPUS UTILITY SURVEY

DATE: 8/04/14
SCALE: 1"=100'
DRAWN BY: GL
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SHEET T4 OF 85 SHEETS

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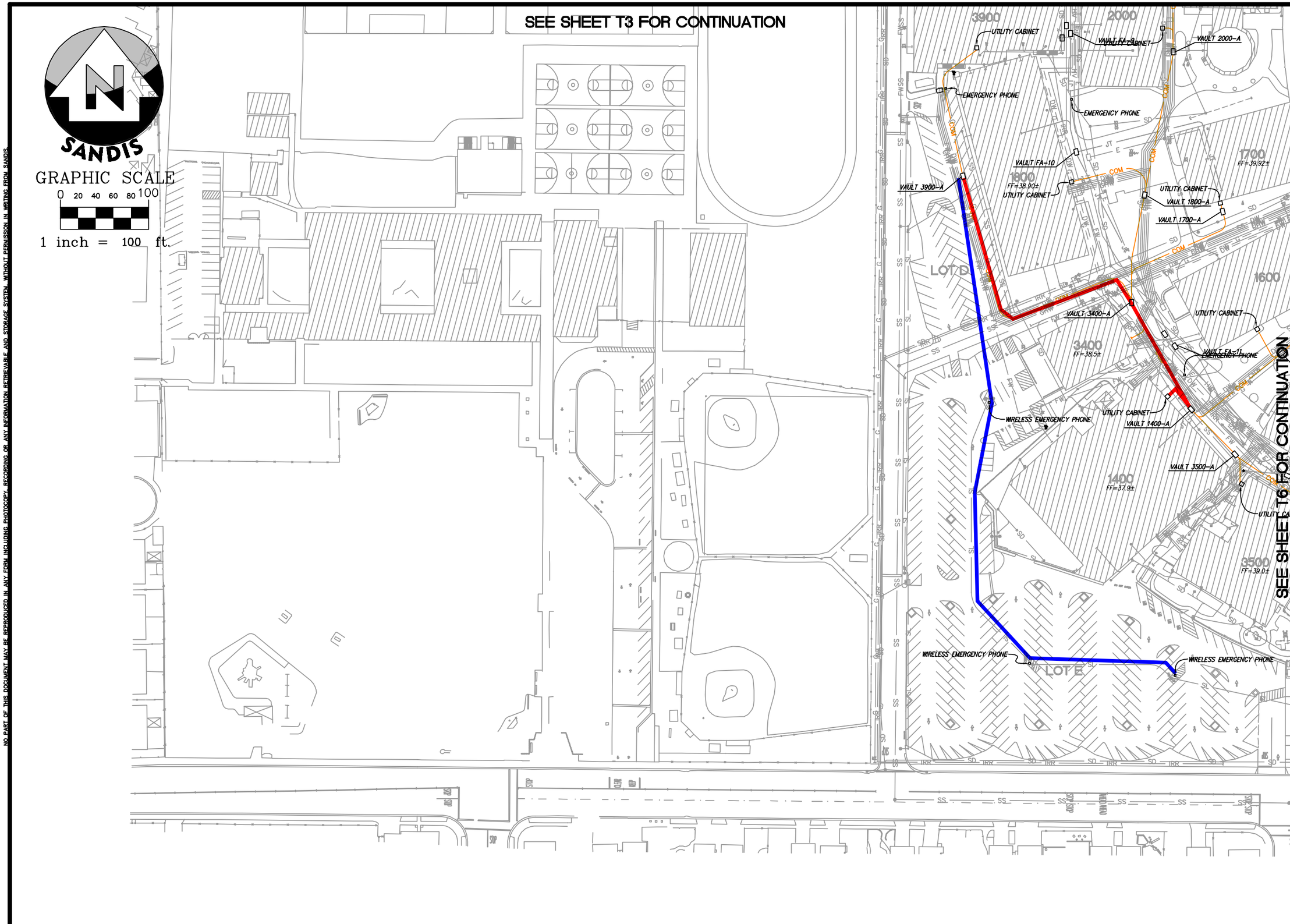

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UTILITY PLAN

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GRAPHIC SCALE
0 20 40 60 80 100
1 inch = 100 ft.

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ADDENDUM 1 Clarification #7
Attachment B Las Positas College Utility System Map – Excerpt" from Sandis Dated October 2012 Rev 1

LAS POSITAS COLLEGE
UTILITY SYSTEM MAP

Las Positas College

PREPARED BY: SANDIS | CIVIL ENGINEERS SURVEYORS PLANNERS

DATE: OCTOBER 2012

Las Positas College

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KEY PLAN VII

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~~- UTILITY PLAN . . . . . G1-G8~~

~~STORM DRAIN~~
~~- SYSTEM DIAGRAM . . . . . SDD~~
~~- UTILITY PLAN . . . . . SD1-SD8~~

~~SANITARY SEWER~~
~~- SYSTEM DIAGRAM . . . . . SSD~~
~~- UTILITY PLAN . . . . . SS1-SS8~~

~~DOMESTIC WATER~~
~~- SYSTEM DIAGRAM . . . . . DWD~~
~~- UTILITY PLAN . . . . . DW1-DW8~~

~~RECLAIMED WATER AND FIRE WATER~~
~~- SYSTEM DIAGRAM . . . . . FWD~~
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~~RECLAIMED IRRIGATION~~
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~~HYDRONIC PIPING~~
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TELECOM
SYSTEM DIAGRAM . . . . . TD
UTILITY PLAN T1-T8

~~FIRE ALARM~~
~~- SYSTEM DIAGRAM . . . . . FAD~~
~~- UTILITY PLAN . . . . . FA1-FA8~~

~~ELECTRICAL~~
~~- SYSTEM DIAGRAM . . . . . ED~~
~~- UTILITY PLAN . . . . . E1-E8~~

~~STREET LIGHTING~~
~~- SYSTEM DIAGRAM . . . . . SLD~~
~~- UTILITY PLAN . . . . . SL1-SL8~~

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SHEET III OF 106 SHEETS

ABBREVIATIONS

AB	–	AGGREGATE BASE
AC	–	ASPHALT CONCRETE
AD	–	AREA DRAIN
ADA	–	AMERICANS WITH DISABILITIES ACT
BFP	–	BACK FLOW PREVENTOR
BLDC	–	BUILDING CORNER
BLDG	–	BUILDING
BOD	–	BOTTOM OF DOCK
BOL	–	BOLLARD
BOS	–	BOTTOM OF STEP
BOW	–	FG @ BOTTOM OF WALL
BW	–	BACK OF WALK
C	–	CONCRETE OR CIVIL
C&G	–	CURB AND GUTTER
CB	–	CATCH BASIN
CI	–	CURB INLET
CIP	–	CAST IRON PIPE
CL	–	CENTER LINE OR CLASS
CMP	–	CORRUGATED METAL PIPE
CO	–	CLEANOUT
CONC	–	CONCRETE
CONST	–	CONSTRUCTION OR CONSTRUCT
DCDA	–	DOUBLE CHECK DETECTOR ASSEMBLY
DI	–	DROP INLET
DIP	–	DUCTILE IRON PIPE
DOM	–	DOMESTIC
DS	–	DOWN SPOUT
DW	–	DOMESTIC WATER
DWG	–	DRAWING
E	–	EAST
EC	–	END OF CURVE
EP	–	EDGE OF PAVEMENT
ELEV	–	ELEVATION
EX., EXIST.	–	EXISTING
FA	–	FIRE ALARM
FC	–	FACE OF CURB
FDC	–	FIRE DEPARTMENT CONNECTION
FF	–	FINISHED FLOOR
FG	–	FINISHED GRADE
FH	–	FIRE HYDRANT
FL	–	FLOW LINE
FOUND	–	FOUNDATION
FS	–	FINISHED SURFACE
FT	–	FOOT
FW	–	FIRE WATER
G	–	GROUND ELEVATION
GB	–	GRADE BREAK
GV	–	GATE VALVE
HCR	–	ACCESSIBLE RAMP
HP	–	HIGH POINT
INV	–	INVERT ELEVATION
JP	–	JOINT POLE
JT	–	JOINT TRENCH
LIP	–	LIP OF GUTTER
MAX	–	MAXIMUM
MH	–	MANHOLE
MIN	–	MINIMUM
MON	–	MONUMENT
N	–	NORTH
NO	–	NUMBER
NTS	–	NOT TO SCALE
P	–	PAVEMENT ELEVATION
PCC	–	PORTLAND CEMENT CONCRETE / POINT OF CONTINUOUS CURVATURE
PIV	–	POST INDICATOR VALVE
PL	–	PROPERTY LINE
PP	–	POWER POLE
PVC	–	POLYVINYL CHLORIDE PIPE
R	–	RADIUS
RC	–	RELATIVE COMPACTION
RCP	–	REINFORCED CONCRETE PIPE
RPPA	–	REDUCED PRESSURE PRINCIPLE ASSEMBLY
R/W	–	RIGHT OF WAY
S	–	SLOPE OR SOUTH
S.A.D.	–	SEE ARCHITECTURAL DRAWINGS
SD	–	STORM DRAIN
SS	–	SANITARY SEWER
STA	–	STATION
STD	–	STANDARD
S/W	–	SIDEWALK
TC	–	TOP OF CURB
TD	–	TRENCH DRAIN
TOE	–	TOE OF SLOPE
TOS	–	TOP OF STAIR
TOW	–	FG @ TOP OF WALL
TYP	–	TYPICAL
WM	–	WATER METER
WV	–	WATER VALVE
W	–	WEST

LEGEND

SAWCUT AND CONFORM LINE
RETAINING WALL
A.C. PAVEMENT
CONC. VALLEY GUTTER
CONC. SIDEWALK OR PAD
6" CURB & GUTTER
EDGE OF A.C. PAVEMENT
6" VERTICAL CURB
CENTER LINE
SANITARY SEWER MAIN — SS
STORM DRAIN MAIN — SD
PERFORATED PIPE — SD
WATER MAIN — W
FIRE WATER MAIN — FW
DOMESTIC WATER MAIN — DW
CHILLED WATER MAIN — CHW
IRRIGATION LINE — IRR
RECLAIMED IRRIGATION LINE — RI
RECLAIMED WATER LINE — RW
HOT WATER MAIN — HW
TRENCH DRAIN
METAL BEAM GUARD RAIL
SILT FENCE
CHAIN LINK FENCE
GAS MAIN — G
ELECTRIC LINE — E
TELECOM LINE — TEL
JOINT TRENCH LINE — JT
STREET LIGHT CONDUIT — SL
GAS METER — GM
GAS VALVE — GV
WATER METER — WM
WATER VALVE — WV
FIRE HYDRANT
BACK FLOW PREVENTOR
POST INDICATOR VALVE — PIV
FIRE DEPARTMENT CONNECTION
WATER LINE TEE
AIR RELEASE VALVE — ARV
SIGN
ACCESSIBLE RAMP
REDUCER
SANITARY SEWER MANHOLE
SANITARY SEWER CLEANOUT — SSCO
STORM DRAIN MANHOLE
STORMCEPTOR
STORM DRAIN AREA DRAIN
STORM DRAIN CATCH BASIN
STORM DRAIN CURB INLET
STORM DRAIN CLEANOUT — SDCO
ELECTROLIER
JOINT POLE
OUTFALL STRUCTURE

UTILITY NOTE:

UTILITIES SHOWN ON THIS DRAWING ARE A COMPILATION FROM RECORD DRAWINGS PROVIDED BY THE DISTRICT, TOPOGRAPHIC SURVEYS PERFORMED BY OTHERS AS PROVIDED BY THE DISTRICT, PREVIOUS FIELD SURVEYS PERFORMED BY BKF ENGINEERS AND UTILITY DESIGN FILES BY BKF ENGINEERS. THE UTILITIES SHOWN, AND THE LOCATION THEREOF, MAY BE INCOMPLETE OR INACCURATE AND SHOULD BE FIELD VERIFIED PRIOR TO ISSUANCE OF FINAL CONSTRUCTION DOCUMENTS OR CONSTRUCTION ITSELF.

BASIS FOR ELEVATIONS

THE ELEVATIONS ARE BASED ON THE FINISHED FLOOR OF BUILDING 300, AT THE DOORWAY LOCATED ON THE NORTHWESTERLY SIDE OF BUILDING 300, APPROXIMATELY 25' SOUTHWESTERLY FROM THE MOST NORTHERLY CORNER, AS SHOWN ON THE SITE PLAN OF "SOUTH COUNTY COMMUNITY COLLEGE DISTRICT, CHABOT COLLEGE – VALLEY CAMPUS", SHEET A2 DATED 8/30/76. THE ELEVATION WAS TAKEN AS 469.00 FEET. AFTER ESTABLISHING ELEVATIONS ON CONTROL POINTS 21, 22, 23, 24 AND 25, A LEVELING SURVEY WAS RUN FROM BUILDING 300 TO THE CITY OF LIVERMORE VERTICAL BENCHMARK 2K–242, IT WAS FOUND THAT BUILDING 300 WAS .07 FEET LOW AS COMPARED TO THE CITY OF LIVERMORE DATA.

BASIS OF BEARINGS

THE BEARING OF NORTH 00°32'00" EAST, ALONG THE WEST LINE OF PLAT 15 OF THE RANCHO VALLE DE SAN JOSE, AS SHOWN ON RECORD OF SURVEY NO. 666, FILED APRIL 18, 1984, IN BOOK 12 OF RECORDS OF SURVEY, AT PAGES 20 & 21, WAS USED AS THE BASIS OF BEARINGS FOR THIS SURVEY.

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NOTES, LEGEND, AND ABBREVIATIONS

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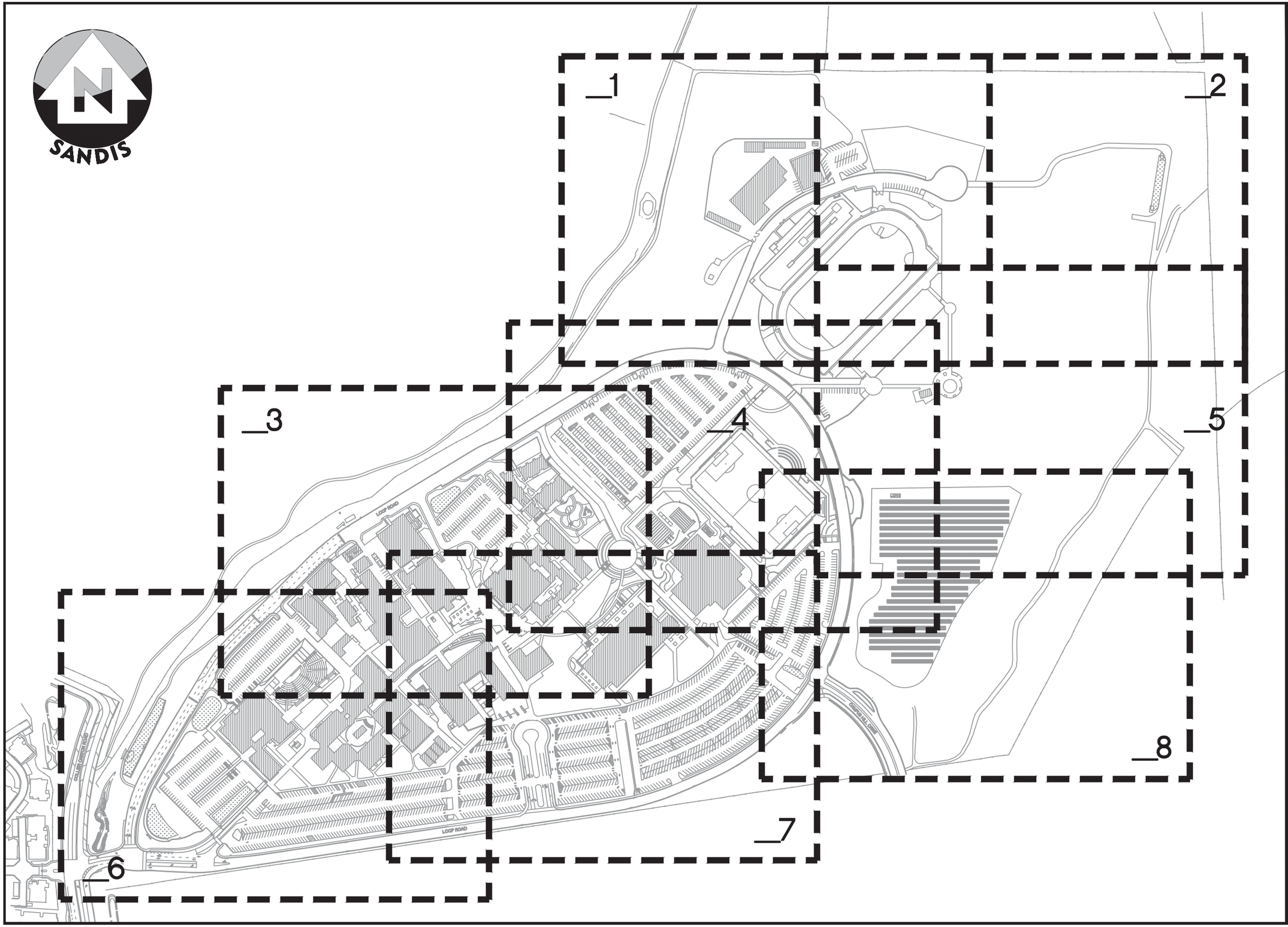

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KEY PLAN

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SHEET VII OF 106 SHEETS

BLDG # BUILDING NAME

100	ADMINISTRATION
100B	ACADEMIC SERVICES
200	CLASSROOMS
300	CLASSROOMS
400	CLASSROOMS
500	CLASSROOMS
600	INTEGRATED LEARNING CENTER (ILC)
700	ADMISSIONS & RECORDS
800	AUTOMOTIVE, SMOG REFEREE, COMPUTER LAB, HORTICULTURE
900	CAREER CENTER
1000	RICOH COPY CENTER
1100	CENTRAL UTILITY PLANT (CUP)
1300	BOOKSTORE
1300A	VICE PRESIDENT OF STUDENT SERVICES
1300B	DISABLED STUDENTS PROGRAMS & SERVICES (DSPS)
1300C	STUDENT GOVERNMENT (ASLPC)
1300D	STAFF LOUNGE
1310	COMMUNITY EDUCATION INTERNATIONAL STUDENT PROGRAM
1320	FINANCIAL AID
1600	STUDENT SERVICES & ADMINISTRATION BUILDING (SSA)
1700	STUDENT CENTER
1800 & 1850	SCIENCE/TECHNOLOGY CENTER
1900	LPC TECHNOLOGY DEPARTMENT
2000	LIBRARY (LEARNING RESOURCE CENTER)
2100	FACULTY OFFICES
2200	CLASSROOM
2300	CHILD DEVELOPMENT CENTER (CDC)
2400	MULTI-DISCIPLINARY EDUCATION BUILDING
2500	PHYSICAL EDUCATION COMPLEX
2600	AQUATICS CENTER
3000 & 3100	DISTRICT MAINTENANCE & OPERATIONS (M&O)
4000	BARBARA FRACISCO MERTES CENTER FOR THE ARTS

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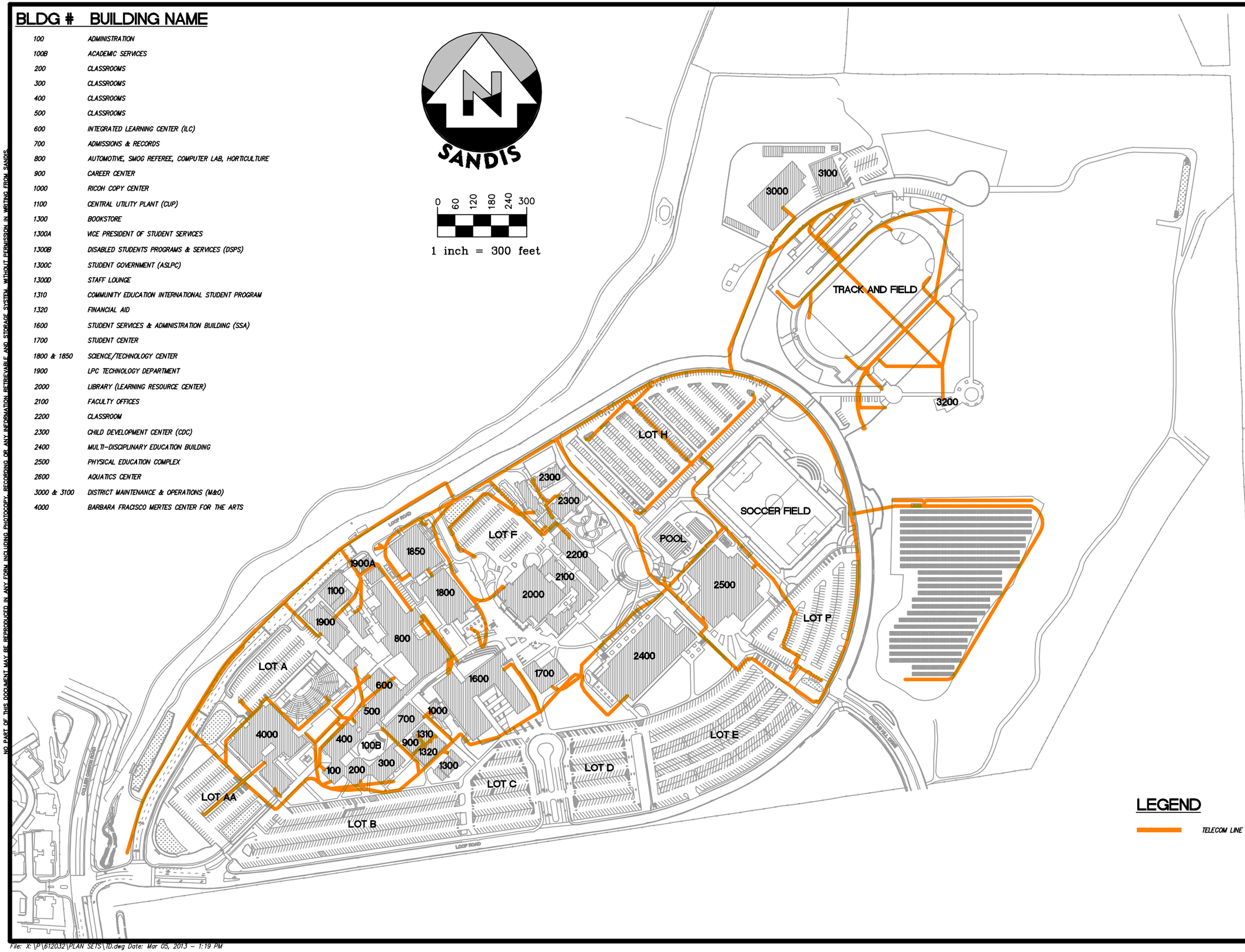
0 60 120 180 240 300

1 inch = 300 feet



LEGEND

TELECOM LINE

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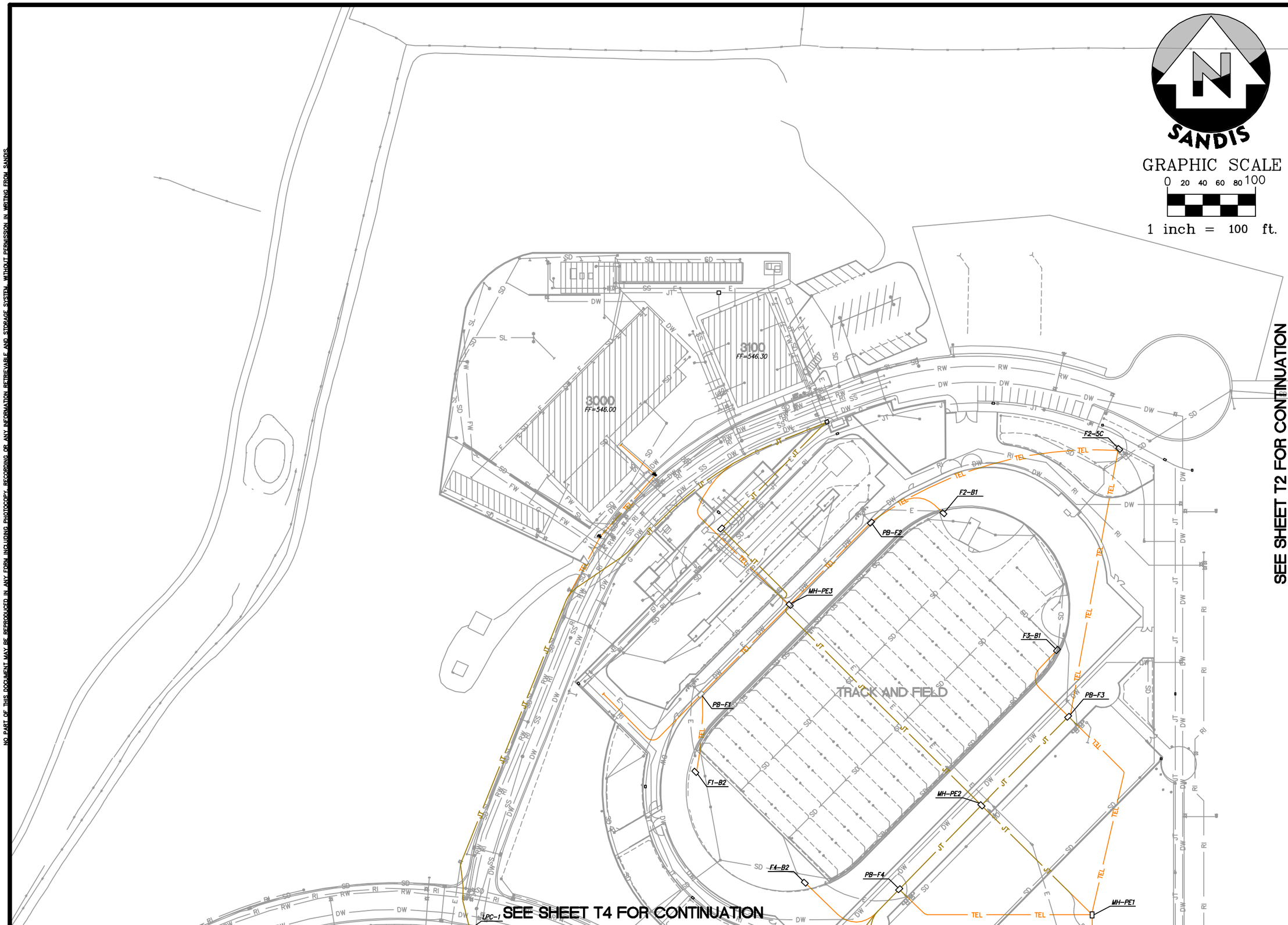

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SUNNYVALE ROSEVILLE OAKLAND

UTILITY PLAN

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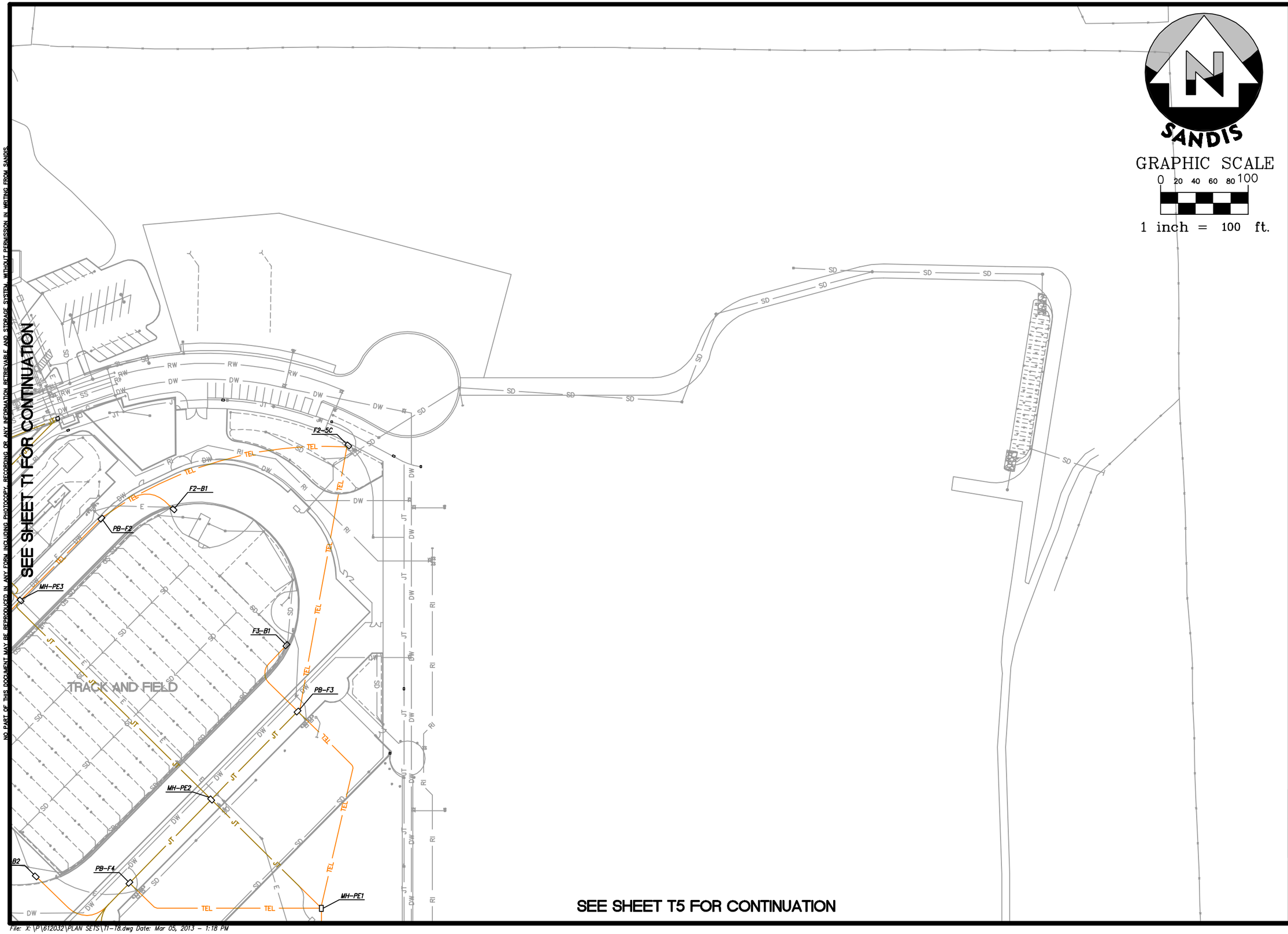

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GRAPHIC SCALE

0 20 40 60 80 100

1 inch = 100 ft.

VAULT 1900C
VAULT 1900D
VAULT 1850A
VAULT 1900B
VAULT 1850B
VAULT 1900A
VAULT 1900E
VAULT 400B
VAULT 4000B
VAULT 4000D
VAULT 600A
VAULT 2200A
VAULT 2300C
VAULT 2300B
VAULT 2300A
CDC-1
VAULT 2300D
VAULT 1800C
VAULT 1800B
VAULT 2000A
BURIED VAULT
VAULT 800A
VAULT 1200A
VAULT 1600A
VAULT 2400A
PF-1
PF-2
PF-3
PF-4
PH-5
PH-7
PH-8
TO IDF
TO IDF
TO IDF
LOT A
LOT F
LOT H
1850 FF=481.00
1900A
1100 FF=474.25
1900 FF=474.00
800 FF=476.87
600 FF=470.79
1800 FF=482.00
2000 FF=489.91
2100
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FF=491.00
FF=490.00
FF=492.00
FF=491.00
FF=490.00
1600 FF=477.50
1700 FF=487.25
2400 FF=502.30
LOOP ROAD

SEE SHEET T6 FOR CONTINUATION

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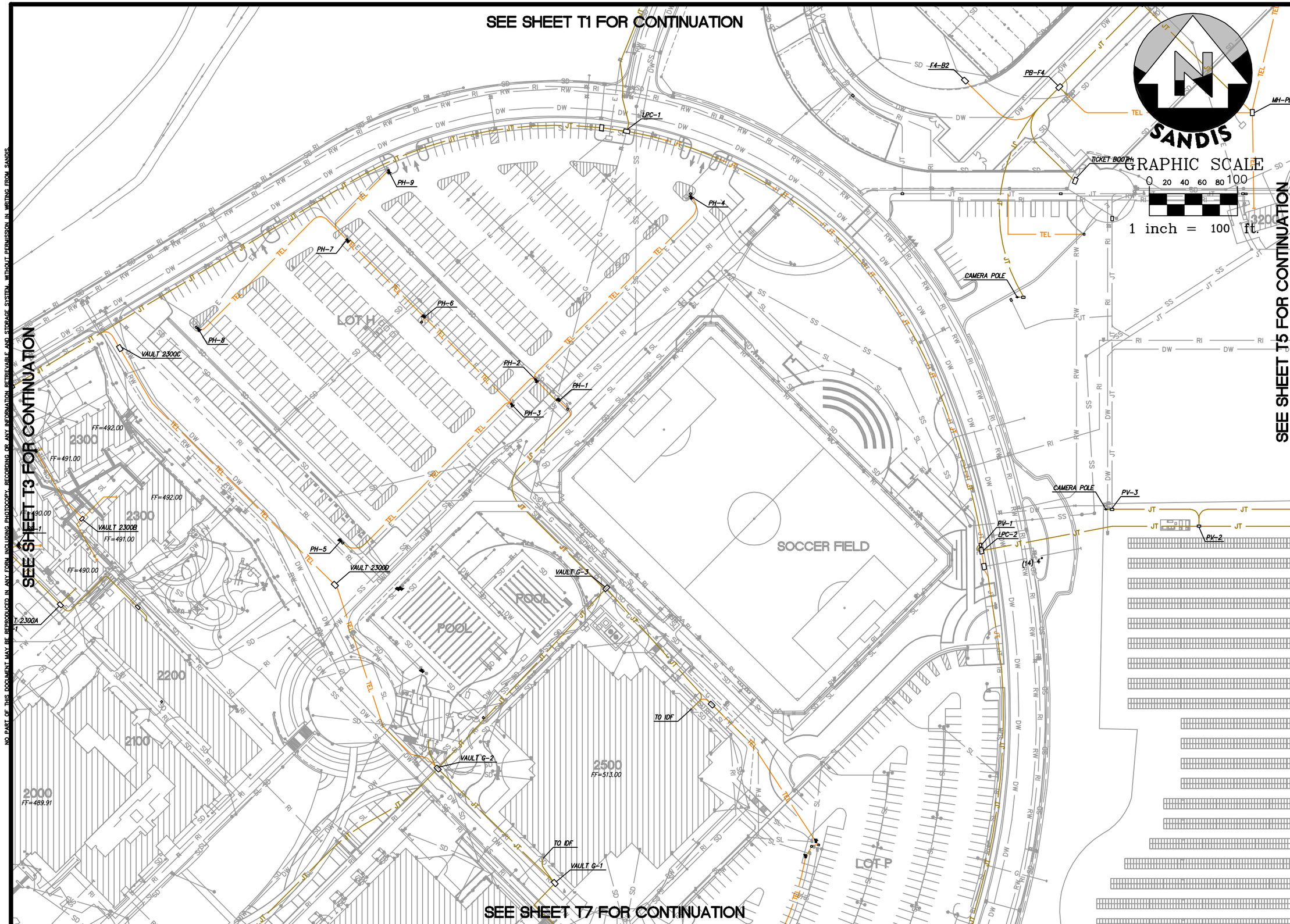

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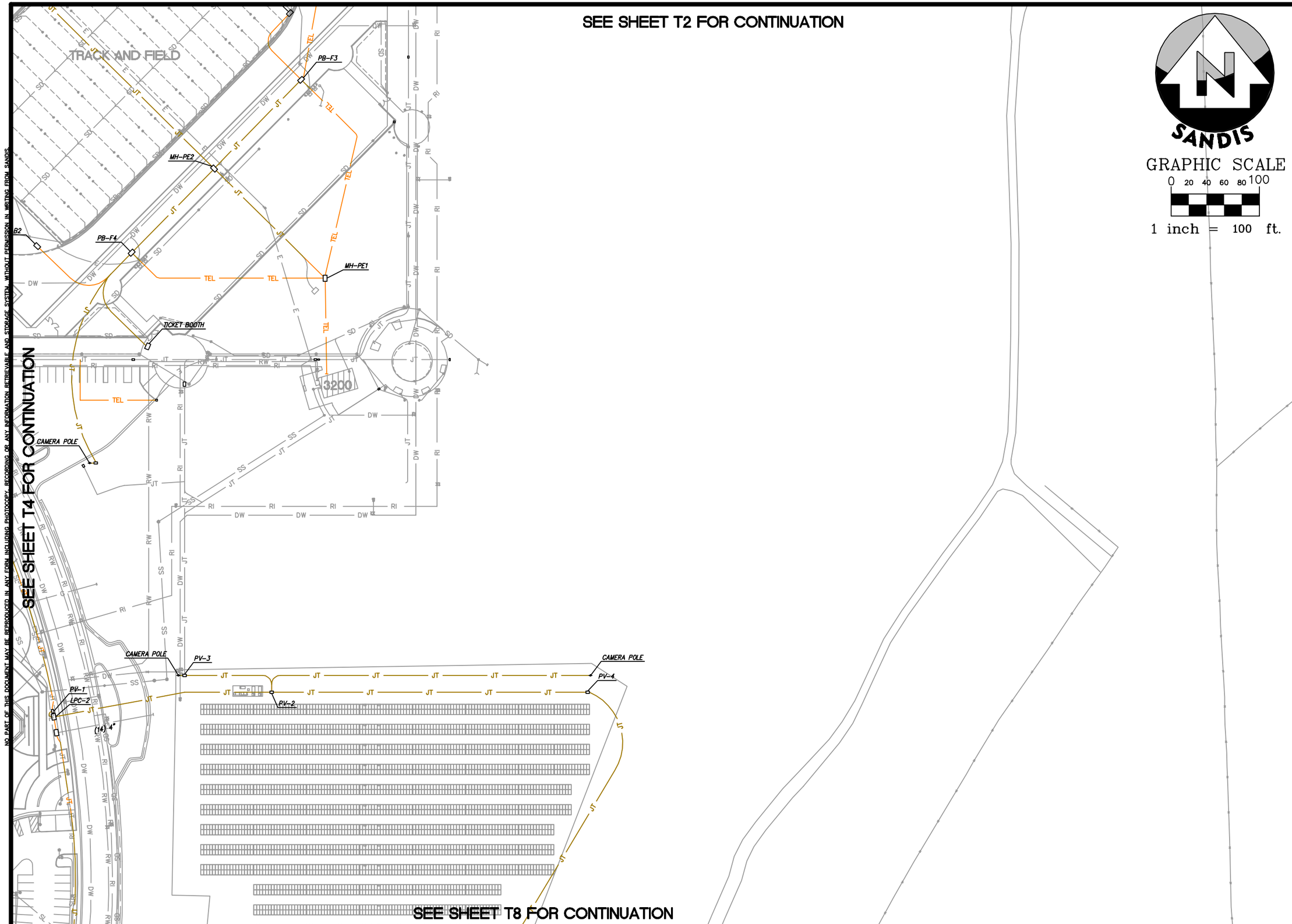

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0 20 40 60 80 100

1 inch = 100 ft.

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VAULT 400B
VAULT 1800B
VAULT 2000A BURIED VAULT
VAULT 800A
VAULT 1200A
VAULT 600A
VAULT 4000B
VAULT 4000D
VAULT 400A
VAULT 4000C
TO IDF
VAULT 700A
VAULT 4000A
VAULT M-2
VAULT 1300A
VAULT 100B
VAULT 100A
TO IDF
VAULT 400C
VAULT 1400A
TO IDF
VAULT 100C
VAULT 200A
VAULT M-1
WIRELESS EMERGENCY PHONE

1900 FF=474.00
800 FF=476.87
1600 FF=477.50
600 FF=470.79
500 FF=468.78
1000 FF=474.23
700 FF=470.88
4000 FF=466.00
400 FF=468.87
1310
900 FF=471.21
1320
1300 B
1300 C
1300 D
300 FF=469.00
100 FF=468.92
200 FF=468.91
FF=464.50

LOT A
LOT AA
LOT B

COLLIER CANYON ROAD
LOOP ROAD

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SUNNYVALE ROSEVILLE OAKLAND

UTILITY PLAN

No.	REVISION	DATE	BY

CAMPUS UTILITY SURVEY

DATE : 10/26/12
SCALE : 1"=100'
DRAWN BY: GL
APPROVED BY : MAK
SANDIS DRAWING No.: 612032

SHEET T6 OF 106 SHEETS

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SEE SHEET T4 FOR CONTINUATION

SEE SHEET T6 FOR CONTINUATION

SEE SHEET T8 FOR CONTINUATION

TO IDF
VAULT 1800C
1800
FF=482.00
2100
2000
FF=489.91
VAULT G-2
2500
FF=513.00
TO IDF
VAULT G-1
VAULT 1800B
800
FF=476.87
VAULT 2000A
BURIED VAULT
VAULT 800A
VAULT 1200A
VAULT 600A
1600
FF=477.50
VAULT 1600A
1700
FF=487.25
TO IDF
VAULT 2400A
2400
FF=502.30
VAULT 2400C
LPC-3
VAULT 1600B
VAULT 2400B
1000
FF=474.23
1310
900
FF=471.21
1320
VAULT 1300A
1300
VAULT 1400A
LOT B
LOT C
LOT D
LOT E
LOOP ROAD

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GRAPHIC SCALE
0 20 40 60 80 100
1 inch = 100 ft.

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No.	REVISION	DATE	BY

UTILITY PLAN

CAMPUS UTILITY SURVEY

DATE : 10/26/12
SCALE : 1"=100'
DRAWN BY: GL
APPROVED BY : MAK
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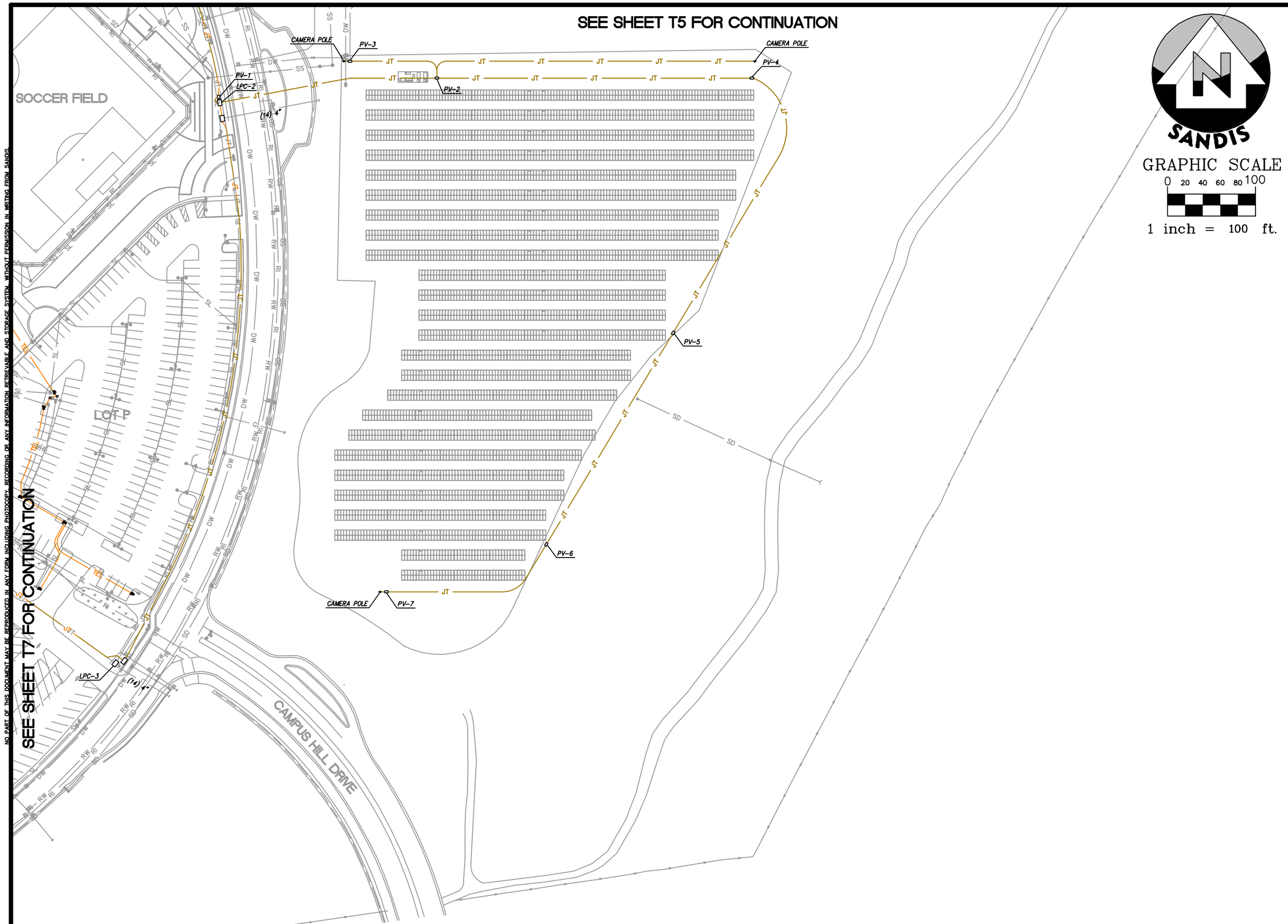
SHEET
T7
OF 106 SHEETS

File: X:\P\612032\PLAN SETS\T1-T8.dwg Date: Mar 05, 2013 - 1:19 PM



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SUNNYVALE — ROSEVILLE — OAKLAND

UTILITY PLAN

No.	REVISION	DATE	BY

CAMPUS UTILITY SURVEY

DATE: 10/26/12
SCALE: 1"=100'
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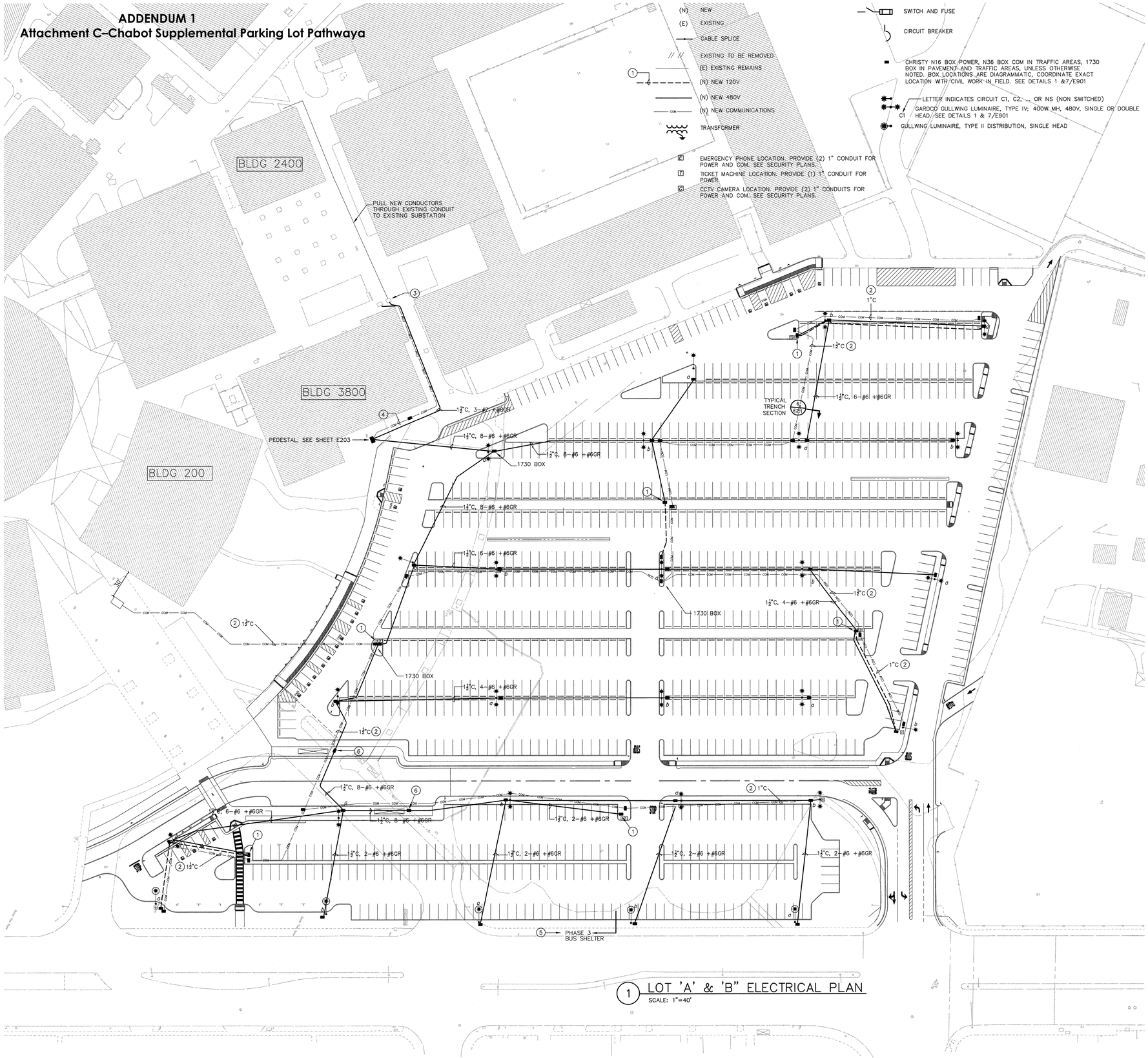
ADDENDUM 1
Attachment C–Chabot Supplemental Parking Lot Pathwaya

ELECTRICAL SYMBOLS:

- (N) NEW
- (E) EXISTING
- CABLE SPLICE
- EXISTING TO BE REMOVED
- (E) EXISTING REMAINS
- (N) NEW 120V
- (N) NEW 480V
- COM (N) NEW COMMUNICATIONS
- TRANSFORMER
- SWITCH AND FUSE
- CIRCUIT BREAKER
- CHRISTY N16 BOX POWER, N36 BOX COM IN TRAFFIC AREAS, 1730 BOX IN PAVEMENT AND TRAFFIC AREAS, UNLESS OTHERWISE NOTED. BOX LOCATIONS ARE DIAGRAMMATIC, COORDINATE EXACT LOCATION WITH CIVIL WORK IN FIELD. SEE DETAILS 1 &7/E901
- LETTER INDICATES CIRCUIT C1, C2, ... OR NS (NON SWITCHED)
- C1 GARDCO GULLWING LUMINAIRE, TYPE IV; 400W MH, 480V, SINGLE OR DOUBLE HEAD, SEE DETAILS 1 & 7/E901
- GULLWING LUMINAIRE, TYPE II DISTRIBUTION, SINGLE HEAD
- E EMERGENCY PHONE LOCATION. PROVIDE (2) 1" CONDUIT FOR POWER AND COM. SEE SECURITY PLANS.
- T TICKET MACHINE LOCATION. PROVIDE (1) 1" CONDUIT FOR POWER.
- C CCTV CAMERA LOCATION. PROVIDE (2) 1" CONDUITS FOR POWER AND COM. SEE SECURITY PLANS.



1 LOT 'A' & 'B" ELECTRICAL PLAN
SCALE: 1"=40'

0 20 40 80 120
1"= 40'

GENERAL NOTES

LIGHTING CONDUIT:
1–1/2" FOR MAIN RUNS
1" TO INDIVIDUAL ELECTROLIER

LIGHTING CONDUCTORS:
#6 STRANDED COPPER, THWN FOR BRANCH CIRCUIT
#12 STRANDED COPPER, THWN FOR TAP TO ELECTROLIER.

MAKE SPLICES IN PHASE AND NEUTRAL CONDUCTORS WITH EPOXY ENCASED SPLICE KITS, SKOTCHCAST OR EQ. MAKE SPLICES IN GROUNDING CONDUCTOR WITH COPPER SPLIT BOLT CONNECTORS AND LEAVE UNINSULATED. SEE DETAIL 7/E203

PROVIDE 24" MINIMUM COVER OVER CONDUITS. SEE DETAIL 6/E901

INSTALL ELECTROLIERS AND CHRISTY BOXES ACCORDING TO INSTALLATION DETAIL. PROVIDE IN–LINE FUSES IN ADJACENT BOX AS SHOWN. CONNECT EQUIPMENT GROUNDING CONDUCTOR TO GROUNDING STUD IN EACH ELECTROLIER.

ELECTROLIER LOCATIONS ARE DIAGRAMMATIC. EXACT LOCATIONS WILL BE CONFIRMED IN THE FIELD BY THE ENGINEER.

PERFORM ALL WORK ACCORDING TO THE CALIFORNIA ELECTRICAL CODE, THE PROJECT SPECIFICATIONS AND DSA REQUIREMENTS. COORDINATE INSPECTIONS WITH DSA INSPECTOR. DO NOT MAKE CHANGES OR DEVIATE FROM THE SPECIFICATIONS WITHOUT AUTHORIZATION FROM THE PROJECT MANAGER. UNAUTHORIZED CHANGES OR SUBSTITUTIONS MAY BE REJECTED BEFORE OR AFTER INSTALLATION.

DEMOLITION DEMOLITION IS INCLUDED. SEE CIVIL DEMOLITION DRAWINGS. DISCONNECT AND REMOVE CONDUCTORS FROM ALL ELECTROLIERS AND OTHER EQUIPMENT SHOWN TO BE DEMOLISHED. REMOVE CONDUCTORS BACK TO NEAREST PULLBOX OUTSIDE OF CONSTRUCTION AREA. INSULATE LIVE ENDS OF CONDUCTORS THAT REMAIN.

EXISTING CONDITIONS DRAWINGS ARE BASED ON BEST AVAILABLE INFORMATION BUT LOCATION OF EXISTING CONDUITS AND PULLBOXES MAY NOT BE KNOWN.

COMMUNICATIONS CONDUITS (COM) PROVIDE EMPTY CONDUITS WITH CALIBRATED PULL LINES (NEPTCO OR EQ.).

SHEET NOTES

1. PROVIDE 1KVA, 480:120V TRANSFORMER AT TICKET MACHINE AND EXTEND 120V POWER TO EACH CAMERA LOCATION, 1"C, 2–#10 +#10GR, SEE DETAIL 8/E901
2. COM (TEL/DATA/SECUIITY) CONDUCTORS PER EQUIPMENT VENDOR AND SECURITY PLANS
3. CONNECT TO (E) 480V POWER AND SIGNAL (ENERGY MANAGEMENT) AS DIRECTED BY CAMPUS FACILITIES
4. 1"C WITH PULL LINE TO CAMPUS ENERGY MANAGEMENT SYSTEM VIA (E) COM VAULT
5. WORK MAY PROCEED IN PHASES, COORDINATE WITH CIVIL DRAWINGS
6. LOCATE PULLBOX FOR CONVENIENT CONNECTION OF FUTURE BUS SHELTER

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PARKING LOTS A&B / G&H IMPROVEMENTS
CHABOT COLLEGE

CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT
25555 HESPERIAN BOULEVARD, HAYWARD, CA 94545

BID DOCUMENTS

CHABOT COLLEGE

owner

tBP project number :	20506.03
file name:	
drawn by:	checked by:
date:	

Rev:	date:	description:
	12/19/07	DSA BACKCHECK

REGISTERED PROFESSIONAL ENGINEER JEFFREY M. SULTON E 11142 Exp. 06/2009 ELECTRICAL STATE OF CALIFORNIA

drawing title:
LIGHTING PLAN
LOTS A & B

drawing no.: E202

42 OF 90

File: X:\P\604127\PARKING LOTS\EAST LOTS\E201.dwg Date:Dec 18, 2007 – 9:52am

SECURITY ENLARGED PLAN - LOT F 1
SCALE: 1/32"=1'-0"

0 10 20 40 80

GENERAL NOTES

A. UTILIZE JOINT TRENCH FOR SECURITY CONDUIT. REFERENCE SY2.02 FOR JOINT TRENCH ROUTE CONTINUATION TO EXISTING PULL BOX.

C. PROVIDE UNDERGROUND PULL BOX NEAR BASE OF LIGHT POLES WITH CAMERAS FOR LOW VOLTAGE CABLE.

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PARKING LOTS F/G&H/J IMPROVEMENTS
CHABOT COLLEGE

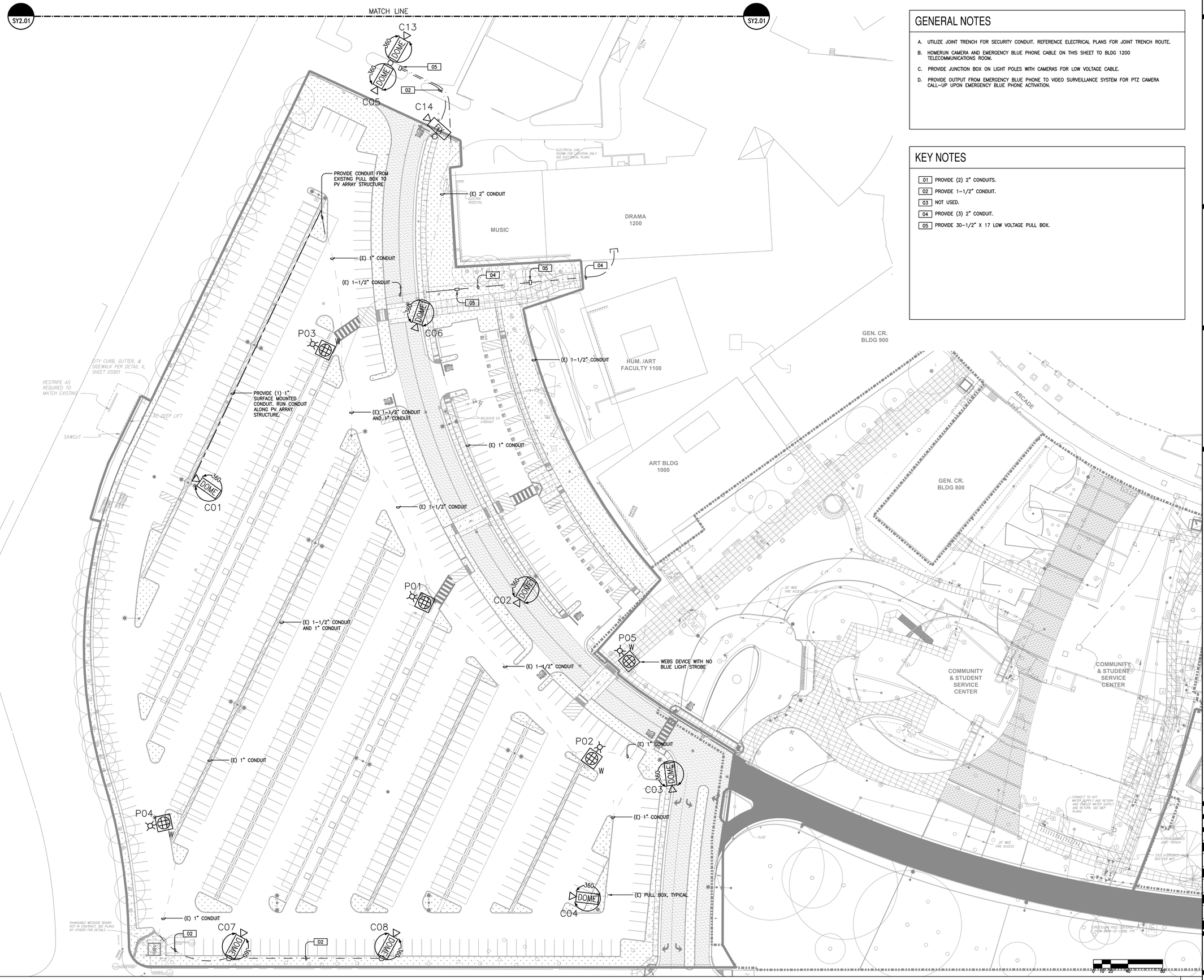
CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT
25555 HESPERIAN BOULEVARD, HAYWARD, CA 94545

tBP project number :	20506.03
file name:	SY2.01 LOT F.DWG
drawn by: ABG	checked by: APA
date:	OCTOBER 1, 2012

Rev:	date:	description:

drawing title:
SECURITY
PARKING LOT F

drawing no.: SY2.01



GENERAL NOTES

A. UTILIZE JOINT TRENCH FOR SECURITY CONDUIT. REFERENCE ELECTRICAL PLANS FOR JOINT TRENCH ROUTE.

B. HOMERUN CAMERA AND EMERGENCY BLUE PHONE CABLE ON THIS SHEET TO BLDG 1200 TELECOMMUNICATIONS ROOM.

C. PROVIDE JUNCTION BOX ON LIGHT POLES WITH CAMERAS FOR LOW VOLTAGE CABLE.

D. PROVIDE OUTPUT FROM EMERGENCY BLUE PHONE TO VIDEO SURVEILLANCE SYSTEM FOR PTZ CAMERA CALL-UP UPON EMERGENCY BLUE PHONE ACTIVATION.

KEY NOTES

01 PROVIDE (2) 2" CONDUITS.

02 PROVIDE 1-1/2" CONDUIT.

03 NOT USED.

04 PROVIDE (3) 2" CONDUIT.

05 PROVIDE 30-1/2" X 17 LOW VOLTAGE PULL BOX.

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PARKING LOTS F/G&H/J IMPROVEMENTS
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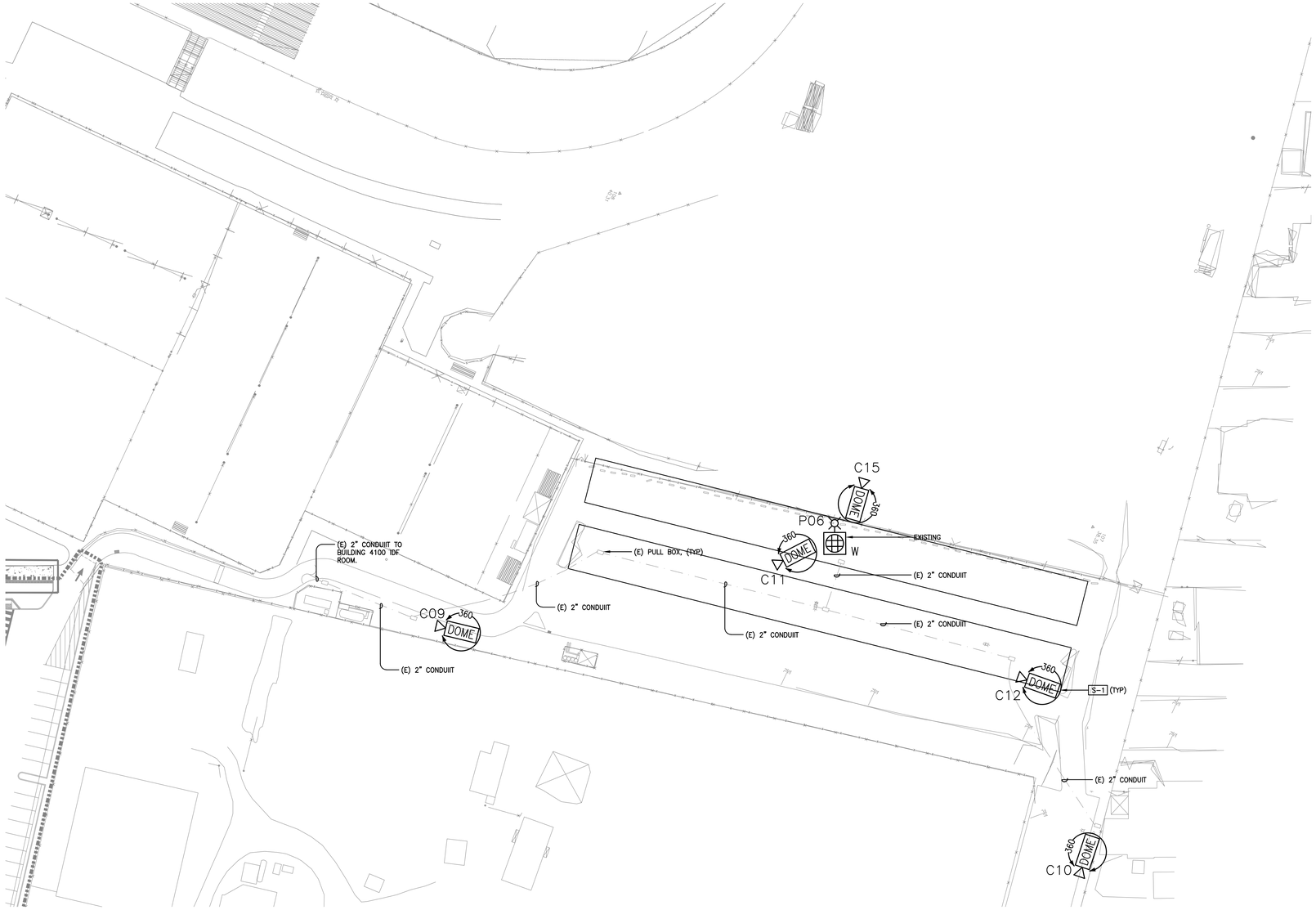
tBP project number :	20506.03
file name:	SY2.02 LOT G&H.DWG
drawn by: ABG	checked by: APA
date:	OCTOBER 1, 2012

Rev:	date:	description:

drawing title:
SECURITY
PARKING LOT G & H

drawing no.: SY2.02

SECURITY ENLARGED PLAN - LOT G & H
SCALE: 1/32"=1'-0"



SECURITY ENLARGED PLAN - LOT J
SCALE: 1/32"=1'-0"

1

GENERAL NOTES

A. UTILIZE JOINT TRENCH FOR SECURITY CONDUIT.

B. HOMERUN CAMERA AND EMERGENCY BLUE PHONE CABLE ON THIS SHEET TO PE BLDG 4100 GROUND FLOOR TELECOMMUNICATIONS ROOM. UTILIZE EXISTING LOW VOLTAGE PATHWAY AND PULL BOXES.

C. PROVIDE UNDERGROUND PULL BOX NEAR BASE OF LIGHT POLES WITH CAMERAS FOR LOW VOLTAGE CABLE.

D. PROVIDE OUTPUT FROM EMERGENCY BLUE PHONE TO VIDEO SURVEILLANCE SYSTEM FOR PTZ CAMERA CALL-UP UPON EMERGENCY BLUE PHONE ACTIVATION.

KEY NOTES

E-1 PROVIDE 1" CONDUIT FROM CAMERA INTO PV ARRAY STRUCTURE AND INTO EXISTING LOW VOLTAGE PULL BOX.

0 10 20 40 80

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PARKING LOTS F/G&H/J IMPROVEMENTS
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CHABOT LAS POSITAS

tBP project number : 20506.03
file name: SY2.03 LOT J.DWG
drawn by: ABG checked by: APA
date: OCTOBER 1, 2012

Rev:	date:	description:

drawing title:
SECURITY
PARKING LOT J

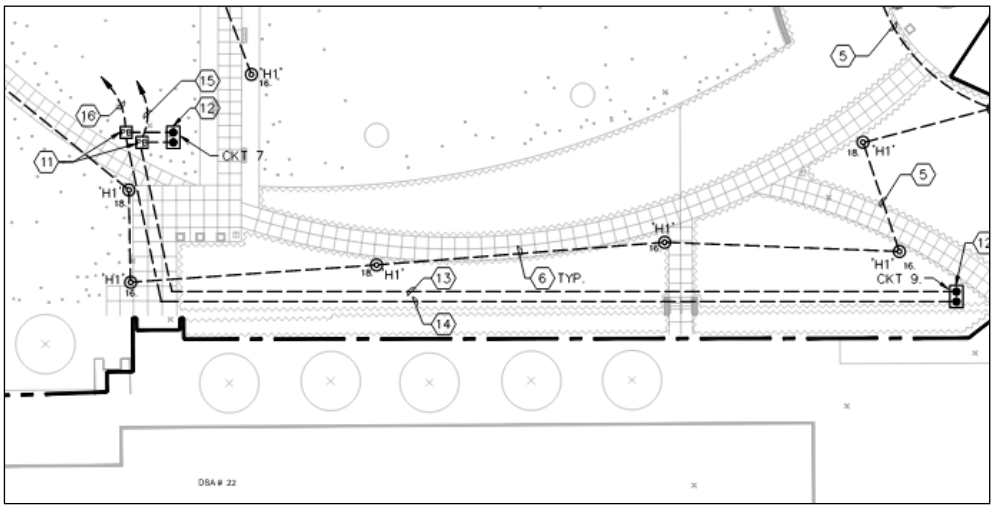
drawing no.: SY2.03

Addendum 1
Attachment D - Las Positas College Supplemental Parking Lot Pathway

Conduits for ECS stations between 2400 and 2000.

^ To 2000 ^

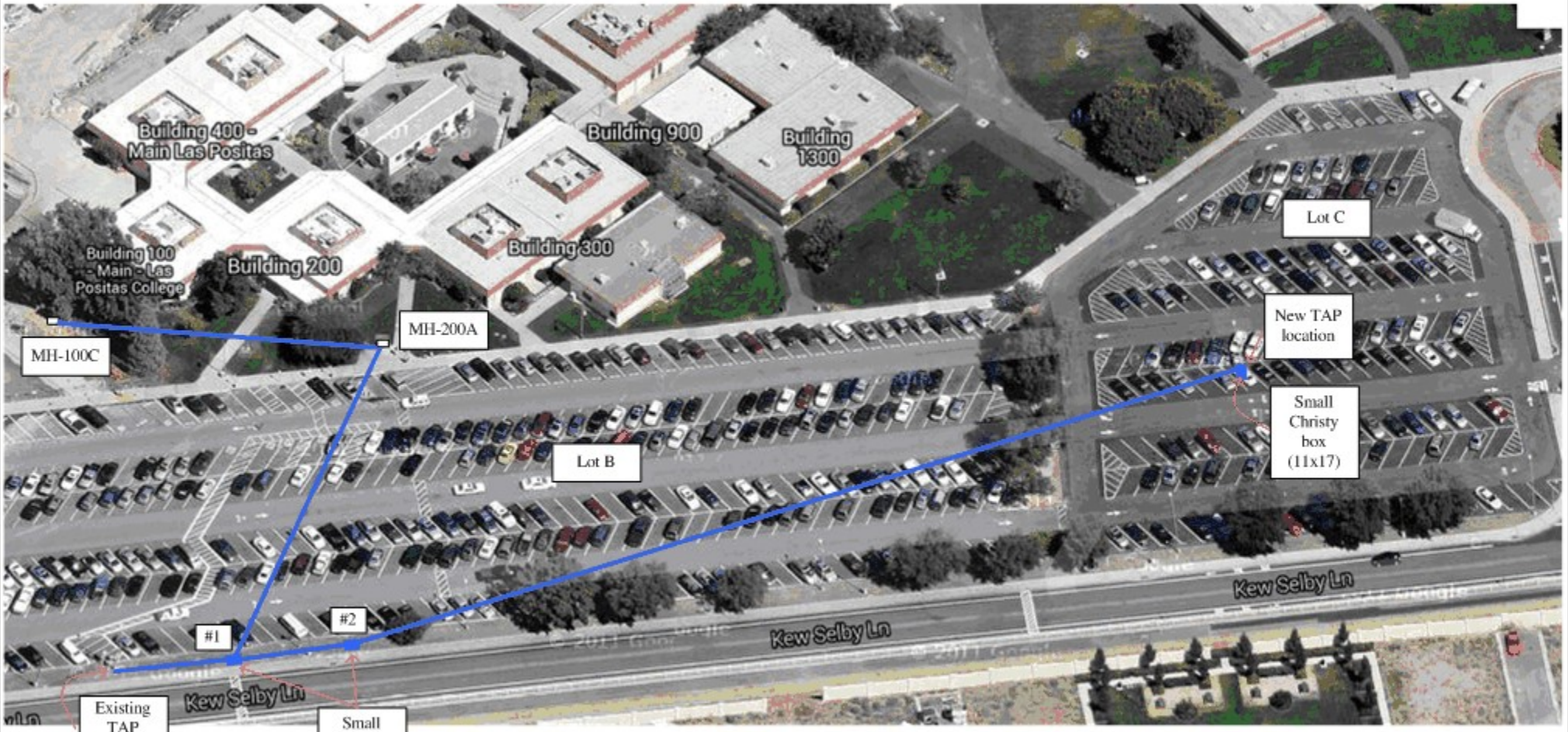
<< to SSA



v To 2400 v

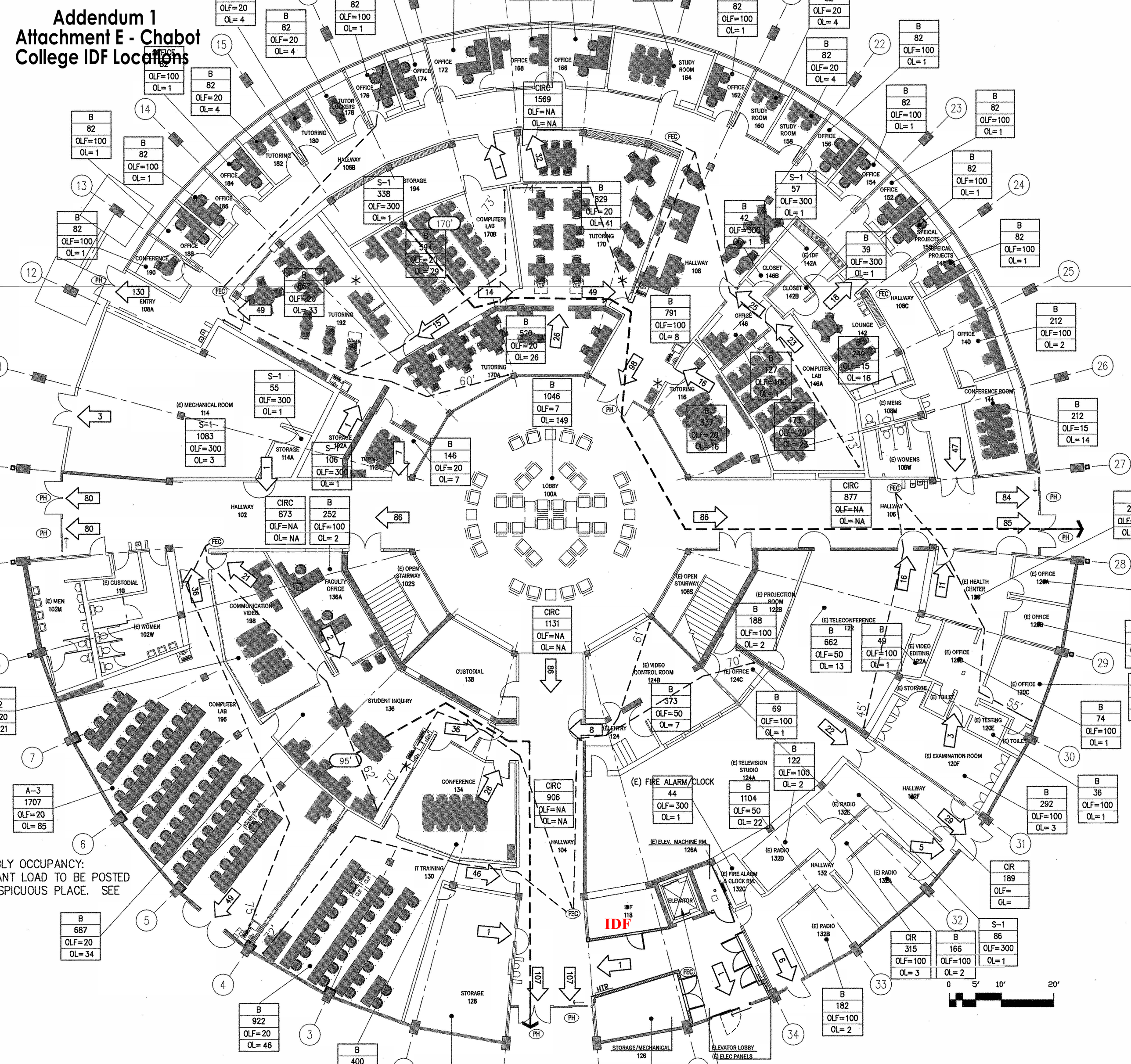
Conduits route to the SSA B1600 Mechanical room.

Lot B/C TAP Cable Routing



Blue lines indicate approximate path of 1" conduit with cable or pullstring.

Addendum 1
Attachment E - Chabot College IDF Locations



BLY OCCUPANCY:
ANT LOAD TO BE POSTED
SPICUOUS PLACE. SEE

CHABOT COLLEGE

FLOOR PLAN ADMINISTRATION BUILDING 200

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

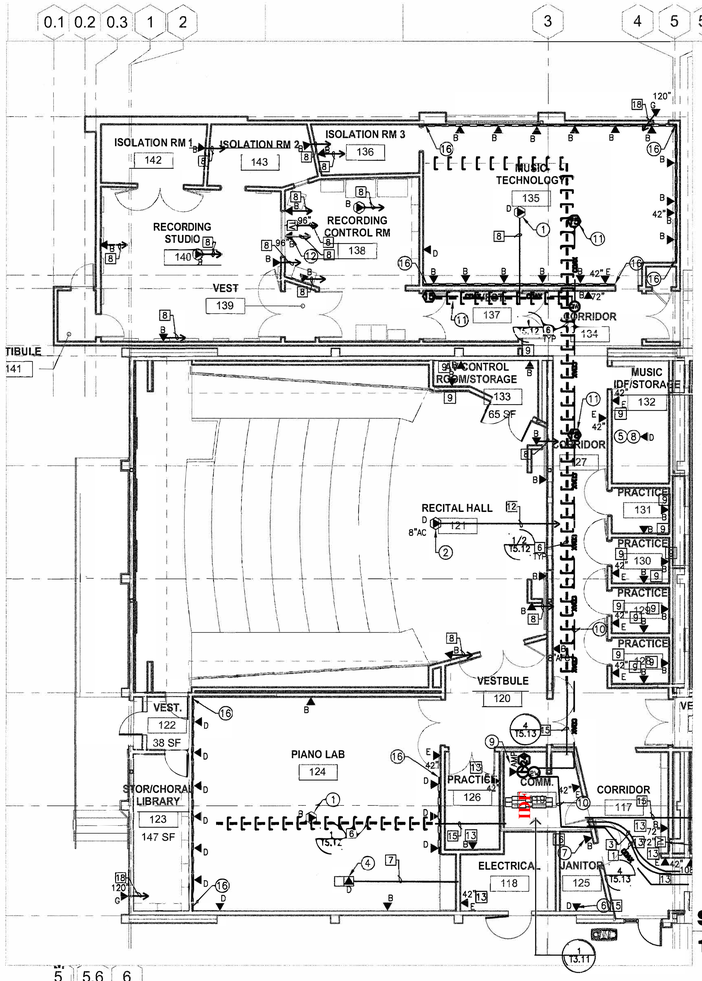
Total SQFT: 15,496

N

04

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

REVISED DATE: 10/01/2011



GENERAL NOTES:

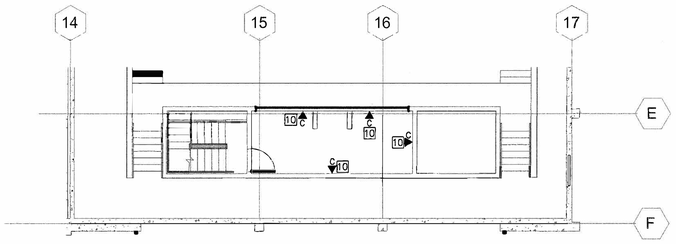
1. ALL WALL OUTLET BOXES WILL BE 4⅛" SQUARE WITH A 1½" EMT CONDUIT STUBBED INTO ACCESSABLE CEILING SPACE UNLESS OTHERWISE NOTED. OUTLET BOX WILL HAVE A SINGLE GANG RING INSTALLED PRIOR TO SHEET ROCK CONSTRUCTION. ALL CONDUIT SHALL TERMINATE AT ACCESSIBLE CEILING, ABOVE THE ORIGINATING SPACE WHEN APPLICABLE.
2. ALL SIGNAL WALL OUTLETS WILL BE WITHIN 6" OF A POWER RECEPTICAL. ENSURE THAT POWER AND SIGNAL WALL BOX'S ARE AT THE SAME HEIGHT. REFER TO "E" DRAWINGS FOR POWER REQUIREMENTS.
3. ALL SURFACE RACEWAY (SR) ARE FOR REFERENCE ONLY. OUTLETS SHOWN WHERE SURFACE RACEWAY IS SHOWN WILL BE PLACED IN THE RACEWAY. REFER TO "AV" DRAWINGS FOR SURFACE RACEWAY REQUIREMENTS.
4. FIRE STOP ALL CONDUITS THROUGH WALLS AND CEILINGS FOR A 1HR/OR 2HR WHERE SHOWN ON ARCHITECTURAL SHEETS, WITH A FIRE STOP PUDDY.
5. USE INTUMESENT FIRE STOP PILLOWS WHEN ROUTING CABLE TRAY THROUGH RATED FIRE WALLS.
6. ALL CABLE TRAY SHALL BE GROUNDED PER MANUFACTURERS SPECIFICATIONS AND CALIFORNIA ELECTRICAL CODE.
7. ALL CONDUITS INSTALLED SHALL NOT EXCEED 180 DEGREE BENDS. ALL 4" CONDUIT REQUIRE 48" SWEEPS AND ALL 2" CONDUITS REQUIRE 24" SWEEPS. USE STANDARD SWEEPS FOR CONDUIT UNDER 2".
8. COORDINATE FURNITURE LAYOUT WITH ARCHITECT PRIOR TO INSTALLATION OF CONDUIT AND CABLE.
9. ALL CATEGORY 6A HORIZONTAL CABLE INSTALLED WILL BE A UNIVERSAL CABLE INSTALLATION. AND WILL BE TERMINATED ON PATCH PANELS AT THE RACK.
10. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS CEILING PLANS, AND WALL ELEVATIONS FOR CONFLICTS WITH CASEWORK, MECHANICAL DUCTS AND POWER PRIOR TO INSTALLING REQUIRED WORK. MAKE APPROPRIATE ADJUSTMENTS TO AVOID CONFLICTS.
11. PROVIDE A MINIMUM 4" CONDUIT SLEEVE THROUGH ALL WALLS WHEN ROUTING CABLE THROUGH WALL. PROVIDE REQUIRED CONDUIT FOR A MAXIMUM 40% FILL.
12. PLACE ALL CABLE ROUTED IN CEILING IN CONDUIT, CABLE TRAY AND/OR J-HOOKS. CABLE WHEN IN J-HOOKS SHALL BE SUPPORTED EVERY 60" MINIMUM.
13. ALL SIGNAL WALL OUTLETS AT CASEWORK SHALL BE PLACED LEVEL WITH ELECTRICAL OUTLETS AND/OR 8" ABOVE COUNTER.
14. CONDUIT ROUTED ABOVE CEILING SHALL CHANGE ELEVATIONS AS REQUIRED PER CEILING HEIGHTS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.

CONDUIT SHEET NOTES:

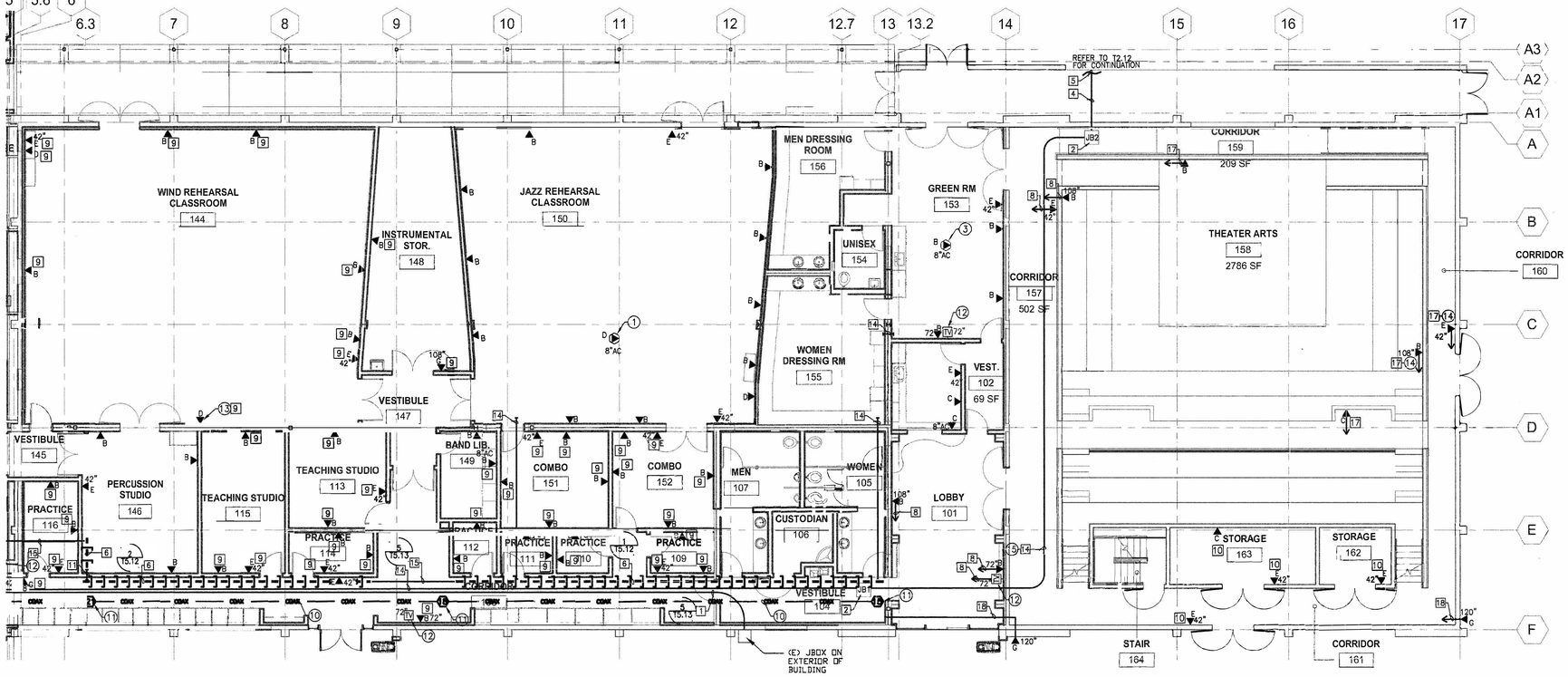
1. PROVIDE 3-4" RIGID CONDUIT FROM EXISTING J-BOX. ROUTE OUT OF TOP OF J-BOX AND SWEEP INTO BUILDING ABOVE INTERIOR CEILING TO IDF ROOM 119.
2. PROVIDE A 16"Wx16x4" J-BOX, MIN. 6" ABOVE CEILING. J-BOX SHALL INCLUDE A COVER PLATE WITH 4 ATTACHMENT SCREWS. ATTACH TO STRUCTURE WITH UNISTRUT AND 3/8" BOLTS AND SPRING NUTS AT EACH CORNER.
3. PROVIDE 3-2" EMT CONDUITS FROM CEILING J-BOX TO IDF ROOM 119. PROVIDE APPROPRIATE SIZE J-BOX WHEN INSTALLATION OF CONDUIT REQUIRES MORE THAT 2-90 DEGREE TURNS. SWEEPS SHALL BE A MINIMUM OF 36".
4. PROVIDE 2-2" EMT CONDUITS FROM CEILING J-BOX TO BUILDING 1300. PROVIDE AN 16"X16"X4" J-BOX WHEN INSTALLATION OF CONDUIT REQUIRES MORE THAT 2-90 DEGREE TURNS. SWEEPS SHALL BE A MINIMUM OF 24".
5. PROVIDE 2-2" EMT TO 8" BELOW RUNWAY IN RECEIVING OF BUILDING 1300 (REFER TO T2.12) PROVIDE 2-2" CONDUIT SLEEVES THROUGH CONCRETE WALL ABOVE RUNWAY. CORE AS REQUIRED.
6. PROVIDE 18"Wx4"H WIRE MESH CABLE TRAY ABOVE T-BAR CEILING. SUPPORT EVERY 60" WITH ¾"ATR AND MANUFACTURERS WALL BRACKETS AS REQUIRED. SEISMICALLY BRACE EVERY 40' AND A MIN. OF 2 LOCATIONS ALONG SPAN. REFER TO 3/T5.12
7. PROVIDE A 1½" UG CONDUIT TO ACCESSIBLE CEILING. TRANSITION FROM PVC TO EMT WHEN INSIDE WALL.
8. PROVIDE A 1½" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING.
9. PROVIDE A 1½" EMT CONDUIT FROM DATA OUTLET TO NEAREST ACCESSIBLE CEILING.
10. PROVIDE A 1½" EMT CONDUIT FROM DATA OUTLET TO ACCESSIBLE CEILING AT VESTIBULE 104.
11. PROVIDE 3-4" EMT CONDUITS SLEEVES THROUGH WALL ABOVE CEILING.
12. PROVIDE A 1½" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING. TERMINATE IN A 2 GANG BOX WITH SINGLE GANG RING AT CEILING WITHIN 6" OF PROJECTOR AND POWER.
13. PROVIDE A 1½" EMT CONDUIT TO IDF ROOM 119 ABOVE CABLE RUNWAY.
14. PROVIDE 3-2" EMT CONDUIT IN CEILING BETWEEN J-BOXES. PROVIDE APPROPRIATE SIZE J-BOX WHEN INSTALLATION OF CONDUIT REQUIRES MORE THAT 2-90 DEGREE TURNS. SWEEPS SHALL BE A MINIMUM OF 24".
15. PROVIDE A 1½" EMT CONDUIT TO COMM ROOM ABOVE CABLE RUNWAY. TERMINATE CONDUIT IN FIRE ALARM/ SECURITY ALARM PANEL. COORDINATE WITH FA/SA CONTRACTOR.
16. PROVIDE A 1½" EMT CONDUIT TO IDF ROOM 119 ABOVE CABLE RUNWAY. TERMINATE CONDUIT IN EMS PANEL. COORDINATE WITH ELECTRICAL CONTRACTOR.
17. PROVIDE A 1½" EMT CONDUIT TO NEAREST CEILING J-BOX.
18. PROVIDE A 1½" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING. PROVIDE A WEATHER TIGHT COVER OVER PLATE.

TELECOM SHEET NOTES:

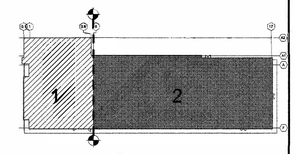
1. PROVIDE DATA JACKS AT CEILING PROJECTOR. TERMINATE ABOVE T-BAR CEILING IN A SURFACE MOUNT BOX, AND PLACE AT PROJECTOR CEILING SUPPORT. REFER TO AV DRAWINGS.
2. PROVIDE DATA JACKS FLUSH AT CEILING WITH WALL PLATE.
3. PROVIDE DATA JACKS ABOVE ACCESSIBLE CEILING. TERMINATE ABOVE T-BAR CEILING IN A SURFACE MOUNT BOX.
4. PROVIDE DATA OUTLET AT FLOOR BOX WITH APPROPRIATE FLOOR BOX COVER PLATE AND REQUIRED HARDWARE FOR INSTALLATION IN FLOOR BOX. COORDINATE WITH ELECTRICAL PLANS, SPECS AND CONTRACTOR.
5. PROVIDE A SINGLEMODE 12 STRAND FIBER CABLE FROM IDF ROOM 119. TERMINATE IN AV RACK R27 IN A 1U FIBER PANEL WITH SC CONNECTORS. COORDINATE WITH AV CONTRACTOR AND AV2.11 DRAWINGS.
6. PROVIDE DATA JACKS AT IN FA/SECURITY ALARM PANEL. TERMINATE A IN A SURFACE MOUNT BOX, AND PLACE IN PANEL. COORDINATE WITH TS & TF DRAWINGS.
7. PROVIDE DATA JACKS AT IN EMS PANEL. TERMINATE IN A SURFACE MOUNT BOX, AND PLACE IN PANEL. COORDINATE WITH E3.11 DRAWINGS.
8. PROVIDE 4 DATA JACKS IN AV RACK R27. SURFACE MOUNT IN THE RIGHT REAR CORNER AT 18". REFER TO AV2.11 DRAWINGS. COORDINATE WITH AV CONTRACTOR.
9. CATV HARDWARE IN IDF ROOM. LOCATE ON PLYWOOD BACKBOARD. INCLUDES AMPLIFIER, DIRECTIONAL COUPLER, 8 PORT TAP AND 2 WAY SPLITTER.
10. .5" HARDLINE COAX CABLE. ATTACH TO OUTSIDE OF CABLE TRAY.
11. CATV 8 PORT TAP. ATTACH TO OUTSIDE OF CABLE TRAY. USE 75 OHM TERMINATOR ON UNUSED PORTS. PROVIDE A 75 OHM TERMINATOR ON END OF LINE TAPS AS REQUIRED.
12. PROVIDE RG6 QUAD SHIELD COAX DROP CABLE FROM NEAREST TAP. TERMINATE WITH AN "F" CONNECTOR PLACE ON AN "F" PLATE.
13. REFER TO AV4.07 FOR ELEVATIONS
14. PROVIDE 5500 RACEWAY AND THEN TRANSFER TO CONDUIT.
15. PAINT CONDUITS BLACK TO MATCH CEILING
16. 3 CHANNEL RACEWAY WITH STUB UP AS SHOWN ON PLANS. REFER TO AV4.02



2ND FLOOR CONTROL ROOM-SIGNAL PLAN
1/8"=1'-0"



SIGNAL SYSTEM FLOOR PLAN-PARTIAL
1/8"=1'-0"



bfgc IBI GROUP
architecture planning

San Jose
150 South First Street, Suite 200 - San Jose, California - 95113
Tel: 408.924.0811 Fax: 408.924.0844

Bakersfield
5500 Ming Avenue, Suite 450
Bakersfield, California 93309
Tel: 661.836.4300
Fax: 661.836.4311

San Luis Obispo
4115 Broad Street, Suite b-6
San Luis Obispo, California 93401
Tel: 805.546.0433
Fax: 805.546.0504

LICENSED ARCHITECT DEAN ANGIN TATSUNO No. C9190 REN. 9/11 STATE OF CALIFORNIA

Principal Architects
San Jose: David N. Carmel, FAIA C-8564
Bakersfield: Mark Engelen, AIA C-6021
San Luis Obispo: William R. Tuculet, AIA C-8702
Dean A. Tatsuno, AIA C-9190
Brad Henderson, AIA C-10901
Richard L. Mello, AIA C-18079

ANGUS-HAMER Networking
4400 Auburn Boulevard, Ste. 110
Sacramento, Ca. 95841
Phone: 916.779-2800
www.anguhamer.com

BICSI DERYLE E. ROWE Regis. No.111364 EXPIRES 12/31/11 RCDD

Deryle Rowe

Rev. No.:	Rev. Date:	Revision:
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2		
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FILE No.: 1-C2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPLICATION No: 01-111772
AC FLS SS
DATE: JUN 07 2011

CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

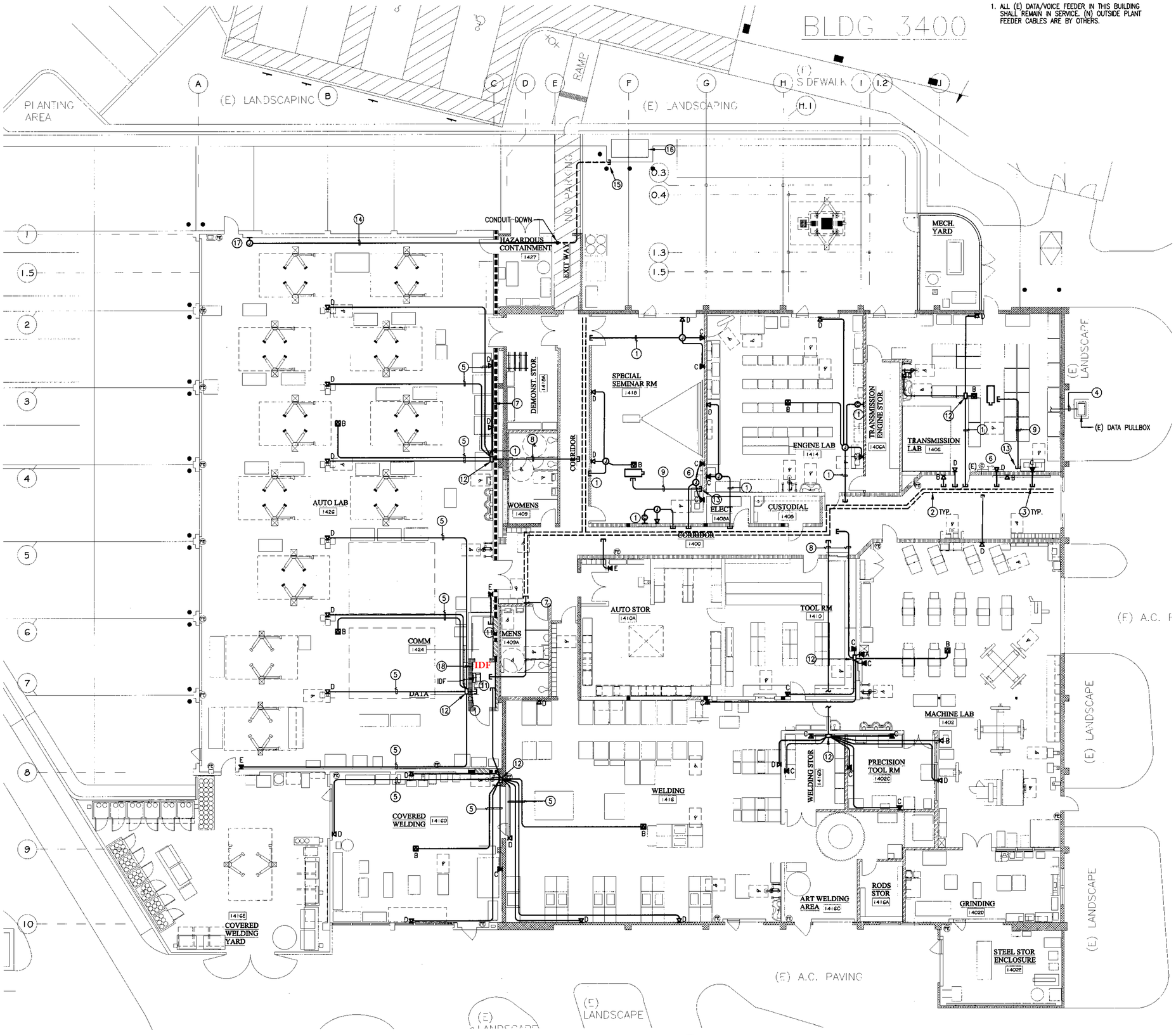
CHABOT COLLEGE BUILDING 1200 MUSIC SKILLS CENTER AND S.O.T.A. PLAZA

BUILDING 1200 SIGNAL FLOOR PLAN

Plot Date: 08/024/2011 1:19:29 PM

job. no.	09154.000
date	JUN 02, 2011
drawn by	WC
chk'd by	DR
(c copyright	2011

T 2.11



1 E501 SIGNAL PLAN – BLDG 1400

GENERAL NOTES:

1. ALL (E) DATA/VOICE FEEDER IN THIS BUILDING SHALL REMAIN IN SERVICE. (N) OUTSIDE PLANT FEEDER CABLES ARE BY OTHERS.

SHEET NOTES:

1. 2"C (VOICE/DATA)
2. 12" CABLE BASKET TRAY, SEE 5/E503
3. STUB-UP CONDUIT 6" ABOVE CEILING NEAR CABLE BASKET TRAY.
4. CONDUIT TO IDF BY OTHERS.
5. 1 1/4"C (DATA)
6. FOR SMARTBOARD INSTALLAITION DETAILS, REFER TO SHEET E703.
7. (2) 3"C (DATA/VOICE)
8. (2) 2"C (DATA/VOICE)
9. 2"C FOR A/V
10. 2 1/2"C (DATA/VOICE)
11. STUB-OUT CONDUIT NEAR CABLE LADDER INSTALLED BY OTHERS.
12. INSTALL NEMA 1 PULLBOX 18"x18"x6" AND SECURE ON THE WALL/CEILING.
13. STUB-DOWN CONDUIT TO TEACHER DESK. COORDINATE WITH A/V CONTRACTOR FOR EXACT LOCATION.
14. ROUTE 3/4"C ALONG THE WALL AND PROVIDE CONDUIT SUPPORT AT 8 FT. INTERVAL MAXIMUM.
15. STUBBED UP AND CAPPED CONDUIT NEXT TO WASTE OIL TANK, COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
16. INSTALL (E) ALARM SENSOR OF (N) TANK AND PROGRAM (E) PANEL.
17. REMOVE (E) CONDUIT AND WIRE TO OLD TANK AND REPLACE WITH (N) ONE, SEE NOTE 14.
18. GROUND BUS, SEE DETAIL 3/E703 FOR INSTALLATION AND ADDITIONAL WORK REQUIRED.

0 2 4 8 16 24
GRAPHIC SCALE IN FEET

CHA
Charles Ham Associates
Architecture and Planning
231 Market Place #350
San Ramon, CA 94583
Phone (925) 989-4833
Fax (925) 328-1072

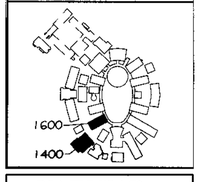
ARCHITECT
LICENSED ARCHITECT CHARLES E. HAM C17078 REN. 7/31/11 STATE OF CALIFORNIA
PRINCIPAL CHARLES E. HAM
CALIF. NO: C-017078

AEC Alliance Engineering Consultants, Inc.
4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054 phone (408) 970-8888 fax (408) 970-9316
PROJECT NO. 138-09-01 www.aec-engineers.com

PROJECT
BUILDINGS 1400 /1600 TECH CENTER
RENOVATION @ CHABOT COLLEGE
25555 HESPERIAN BOULEVARD
HAYWARD, CA 94545
CHABOT-LAS POSITAS COMMUNITY
COLLEGE DISTRICT

Project Number: 3005.03
DRAWING STATUS
- DSA PLAN CHECK 10-20-09
- DSA BACK CHECK 6-2-10
- BIDDING
- CONSTRUCTION

KEY PLAN



D.S.A. FILE NO. 1-C2
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
D.S.A. APPL. NO. 01- 110976
ACS KW FLS SS HD
DATE JUN 02 2010

REVISIONS

NO.	DATE	DESCRIPTION
△		
△		
△		
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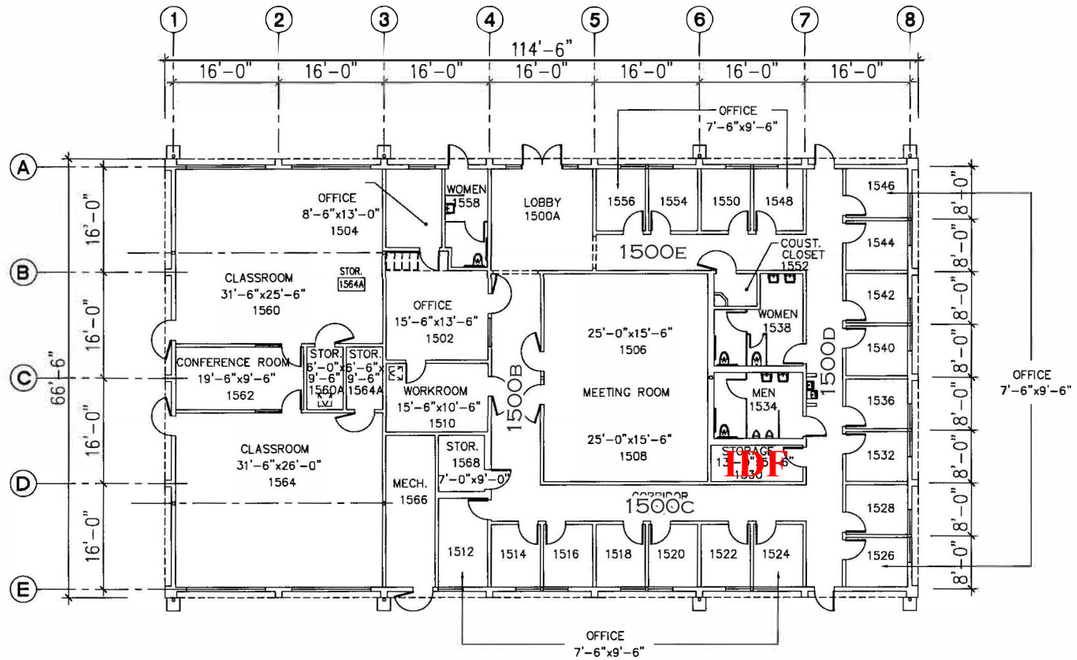
SHEET TITLE & NO.
SIGNAL PLAN
BLDG 1400

E501



CHABOT COLLEGE

FLOOR PLAN TECH. / VOCATIONAL OFFICE BUILDING 1500

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 7,614

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

REVISED DATE: 10/01/2011

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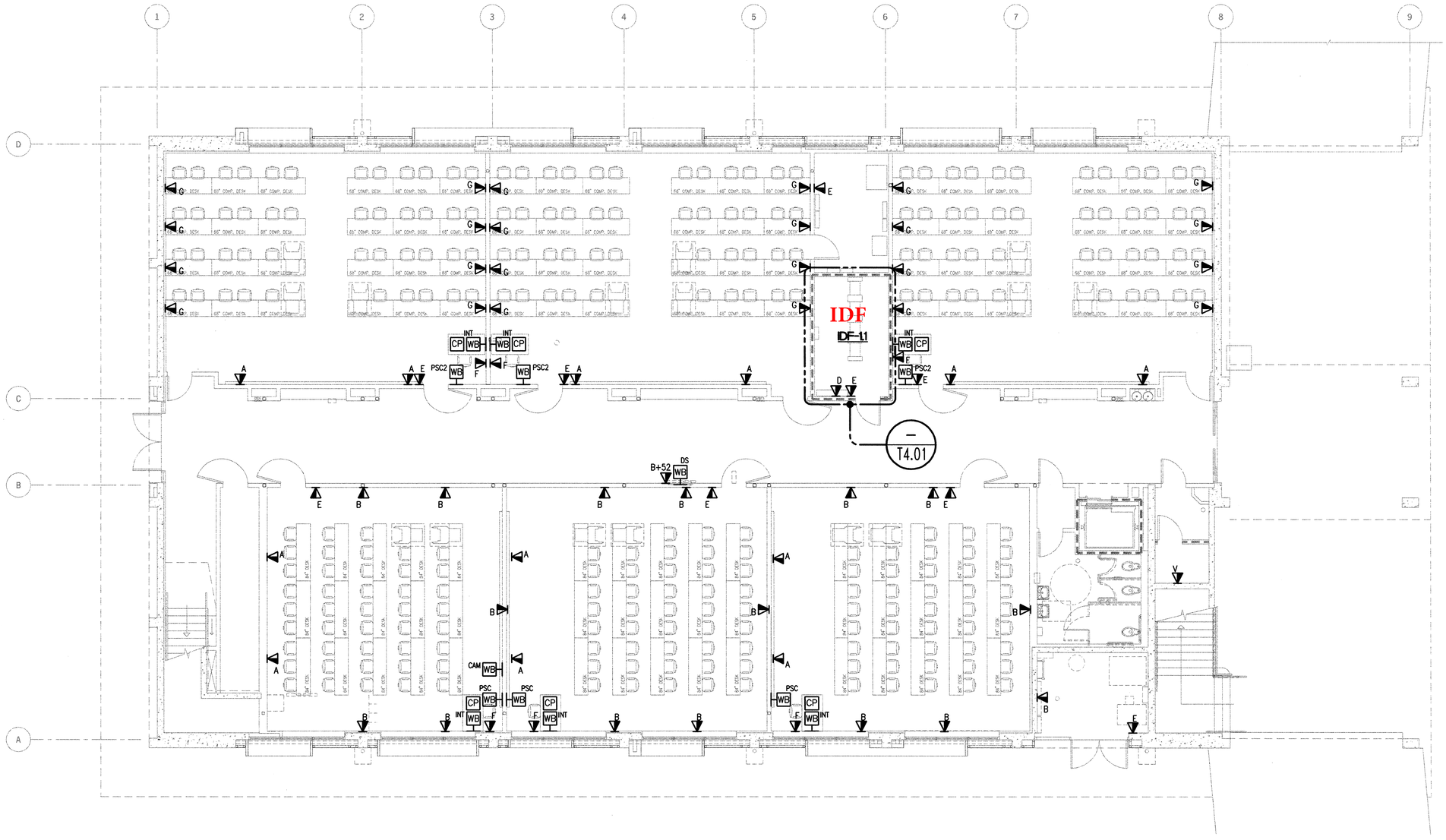

0 2 4 6 8 16 FT

Steinberg Architects

CHABOT COLLEGE
CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

ARCHITECT
Steinberg Architects
60 Pierce Avenue
San Jose, California

CONSULTANT DISCIPLINE
TEECOM DESIGN GROUP
1333 BROADWAY STE 601
OAKLAND CA 94612
510-337-2800
510-337-2804 FAX
www.teecom.com

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DATE JUN 2 0 2011
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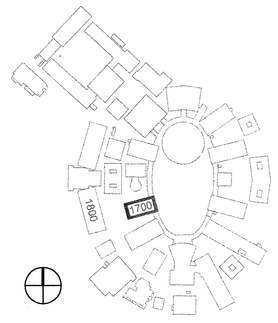
REGISTERED PROFESSIONAL ENGINEER
ARNEL P. AVILA
No. E18352
Exp. 6/30/12
ELECTRICAL
STATE OF CALIFORNIA

REV	DATE	ISSUE
	06.14.11	DSA BACKCHECK
	12.17.10	100% CONSTRUCTION DOCUMENTS
	10.29.10	50% CONSTRUCTION DOCUMENTS
	09.13.10	100% DESIGN DEVELOPMENT
	05.14.10	50% DESIGN DEVELOPMENT
	04.23.10	100% SCHEMATIC DESIGN
	04.20.10	PRELIMINARY PLANS



CHABOT-LAS POSITAS CCD
CHABOT COLLEGE
MATH/SCIENCE MODERNIZATION PROJECT
(40.62.116)

Hayward, California

FLOOR PLAN - FIRST FLOOR
BUILDING 1700

PROJECT #: 09112
DATE: JUNE 14, 2011
SCALE: 1/8" = 1'-0"

T2.01

GENERAL SHEET NOTES

1. SERVE TELECOMMUNICATIONS DEVICES/OUTLETS ON THIS SHEET FROM IDF-1.1.

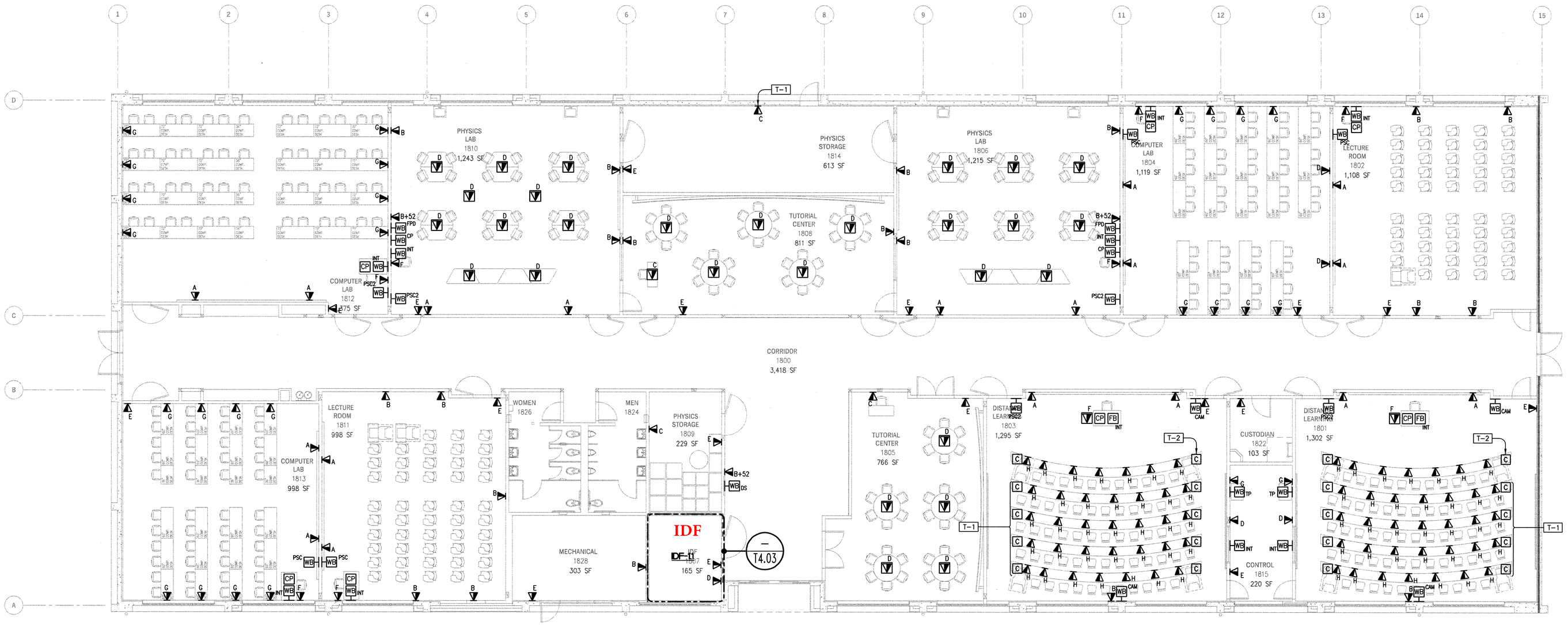
NUMBERED SHEET NOTES

TELECOMMUNICATIONS:

T-1 INSTALL OUTLET AT +6" ABOVE FINISHED COUNTERTOP.

T-2 COMMUNICATIONS FEED POINT FOR FURNITURE SYSTEM. COORDINATE EXACT LOCATION WITH LOCATION OF FURNITURE SYSTEM'S DATA PEDESTAL ASSEMBLY. FEED HALF OF CABLES PER ROW FROM ONE FEED POINT, AND HALF FROM THE OPPOSITE FEED POINT. FEED CABLES FOR FIRST ROW DATA OUTLETS FROM UNDER SLAB.

T-3 COMMUNICATIONS FEED POINT FOR FURNITURE SYSTEM. COORDINATE EXACT LOCATION WITH LOCATION OF FURNITURE SYSTEM'S DATA PEDESTAL ASSEMBLY. FEED HALF OF CABLES PER ROW FROM ONE FEED POINT, AND HALF FROM THE OPPOSITE FEED POINT. FEED CABLES FOR ROW TWO THROUGH FIVE DATA OUTLETS FROM UNDER RAMP.



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CHABOT COLLEGE
CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT

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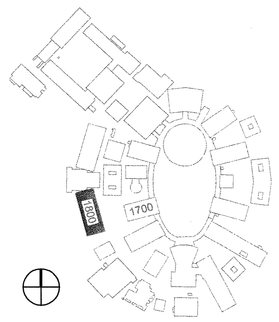
REGISTERED PROFESSIONAL ENGINEER
ARIEL P. AVILA
No. E18352
Exp. 6/30/12
ELECTRICAL
STATE OF CALIFORNIA

REV	DATE	ISSUE
	06.14.11	DSA BACKCHECK
	12.17.10	100% CONSTRUCTION DOCUMENTS
	10.29.10	50% CONSTRUCTION DOCUMENTS
	09.13.10	100% DESIGN DEVELOPMENT
	05.14.10	50% DESIGN DEVELOPMENT
	04.23.10	100% SCHEMATIC DESIGN
	04.20.10	PRELIMINARY PLANS



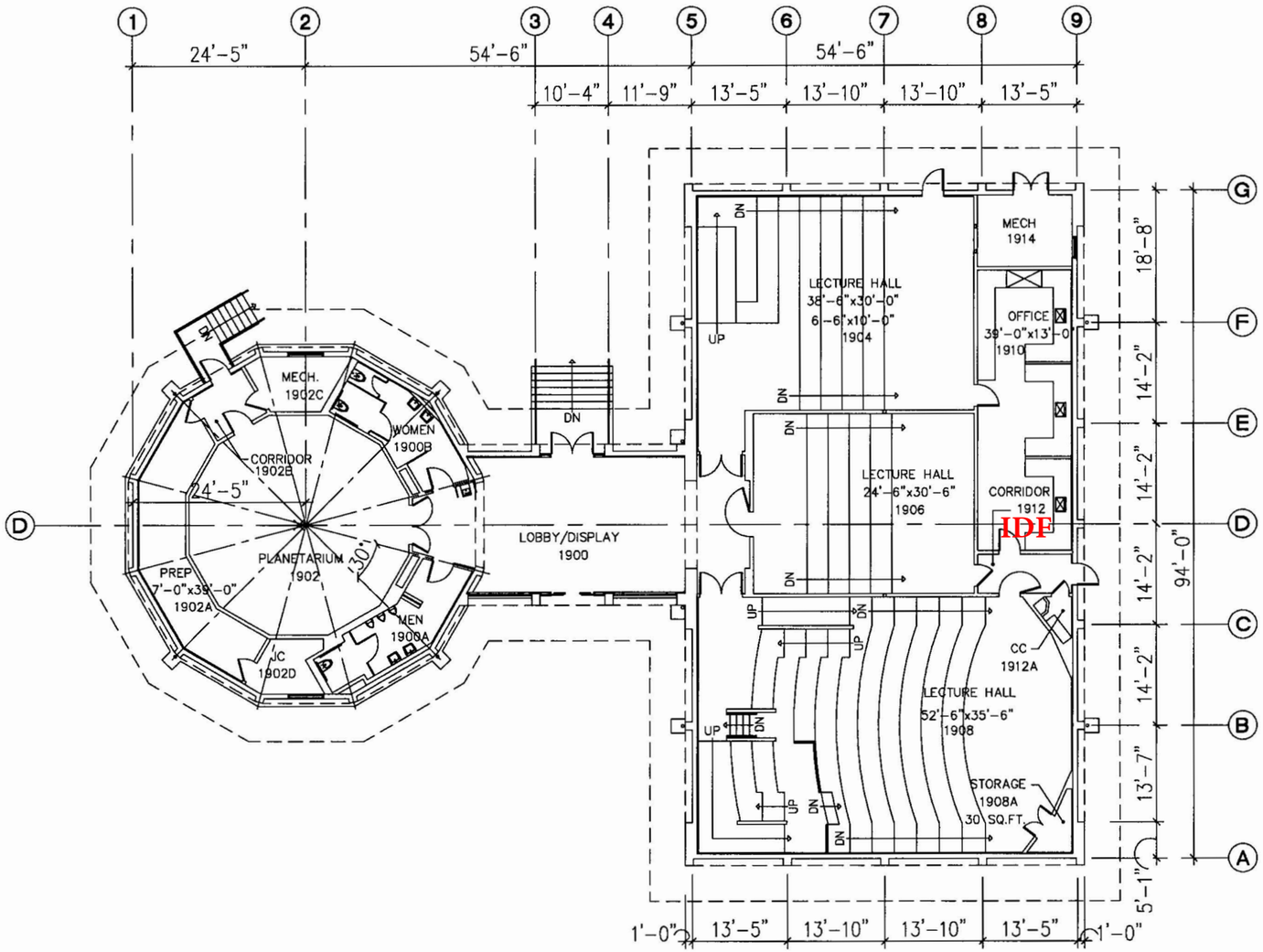
CHABOT-LAS POSITAS CCD
CHABOT COLLEGE
MATH/SCIENCE MODERNIZATION PROJECT
(40.62.116)

Hayward, California

FLOOR PLAN - FIRST FLOOR
BUILDING 1800

PROJECT #: 09112
DATE: JUNE 14, 2011
SCALE: 1/8" = 1'-0"

T2.04



IDF

CHABOT COLLEGE

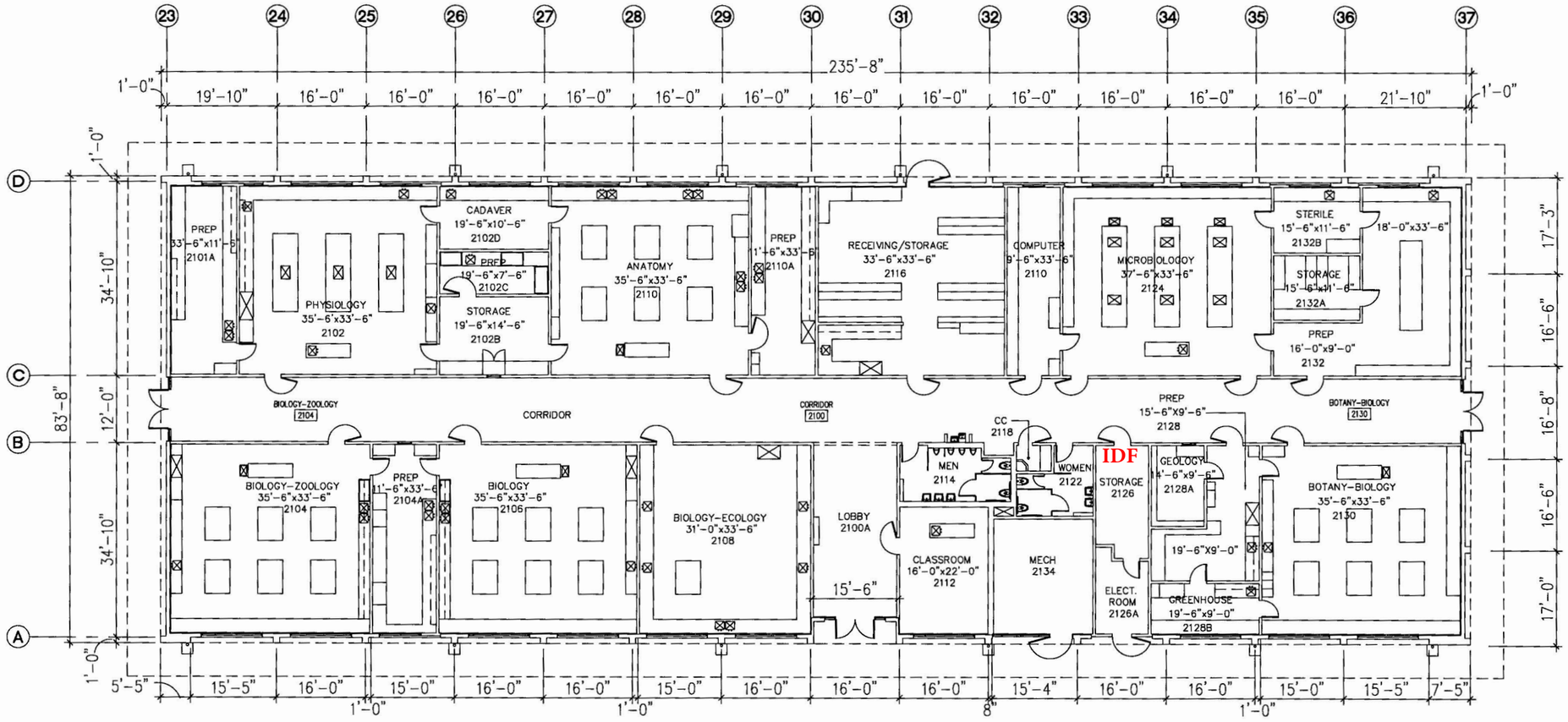
FLOOR PLAN PLANETARIUM + LECTURE HALL BUILDING 1900

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 7,541

N



CHABOT COLLEGE

FLOOR PLAN BIOLOGICAL SCIENCES BUILDING 2100

0 4' 8' 16'

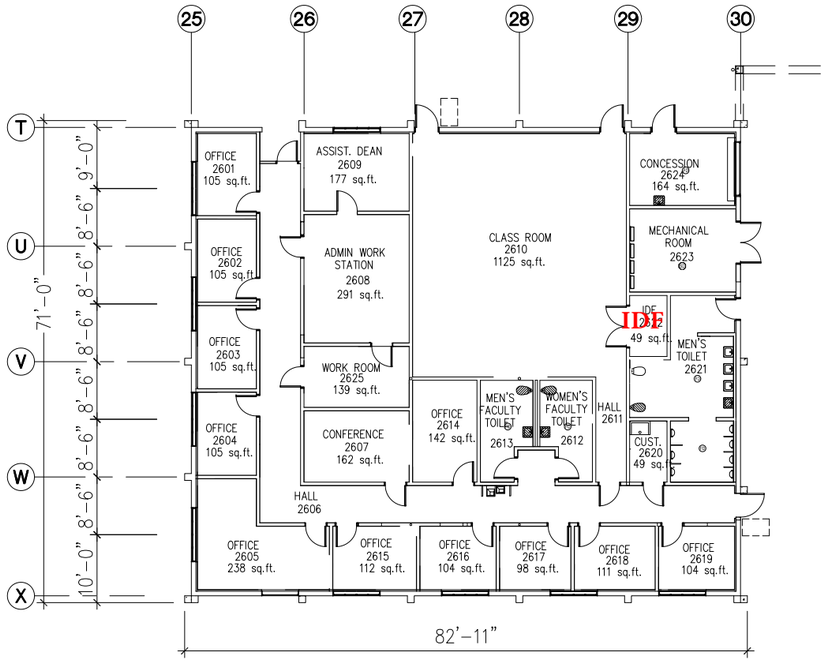
SCALE: 1/8" = 1'-0"

Total SQFT: 19,081

N

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

REVISED DATE: 10/01/2011



CHABOT COLLEGE

PHYSICAL EDUCATION OFFICE BUILDING 2600

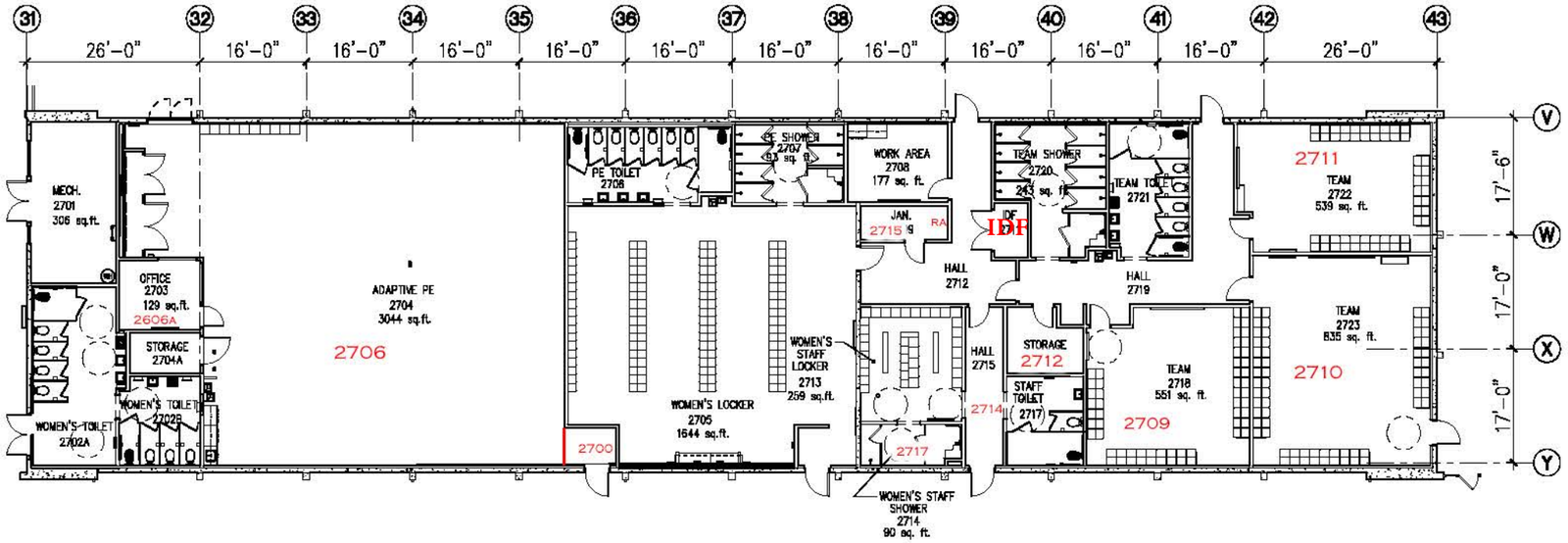
0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 5,951

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
7600 Dublin Blvd., 3rd Floor
Dublin, CA 94568

REVISED DATED: 10/01/2014



CHABOT COLLEGE

PHYSICAL EDUCATION OFFICE BUILDING 2700

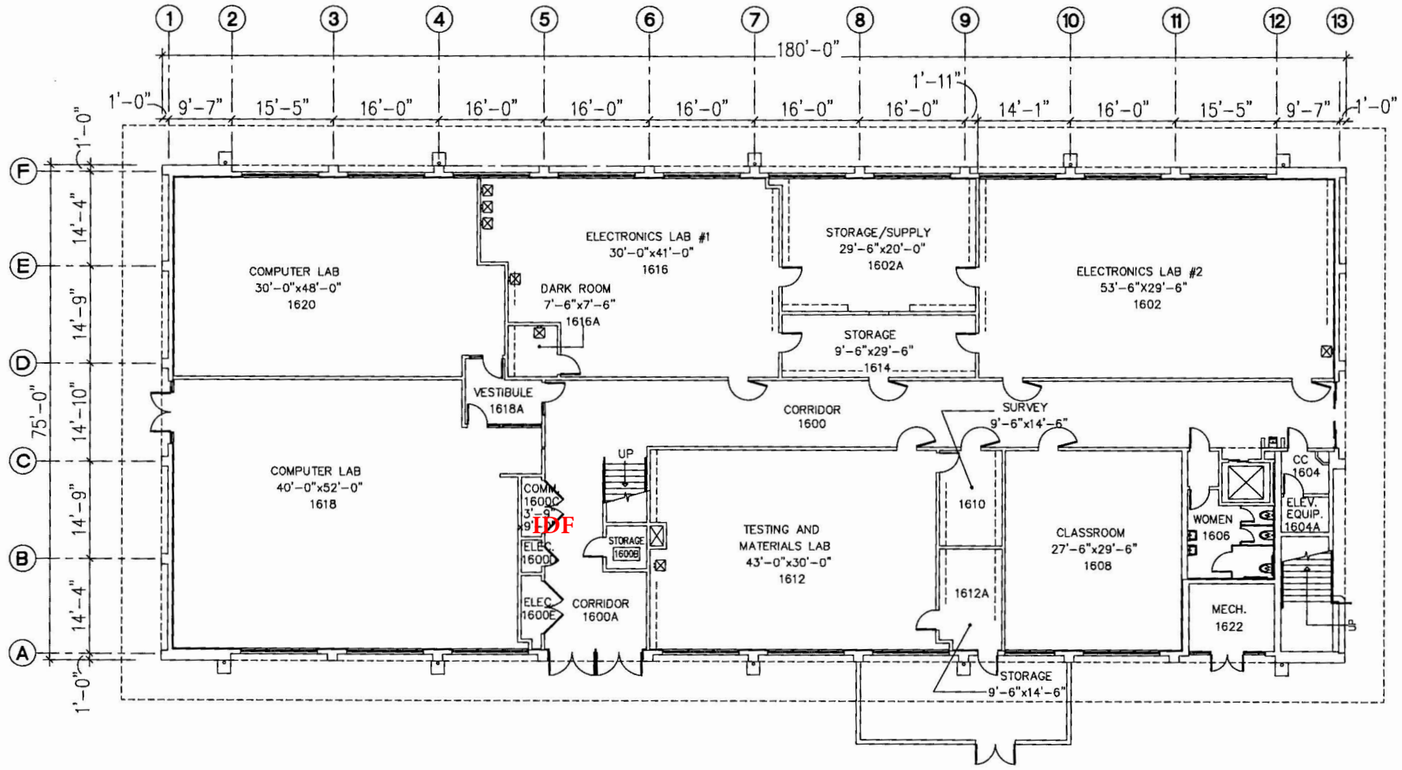
0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 11,236

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
7600 Dublin Blvd., 3rd Floor
Dublin, CA 94568

REVISED DATED: 10/01/2014



CHABOT COLLEGE

1ST FLOOR PLAN ENGINEERING BUILDING 1600

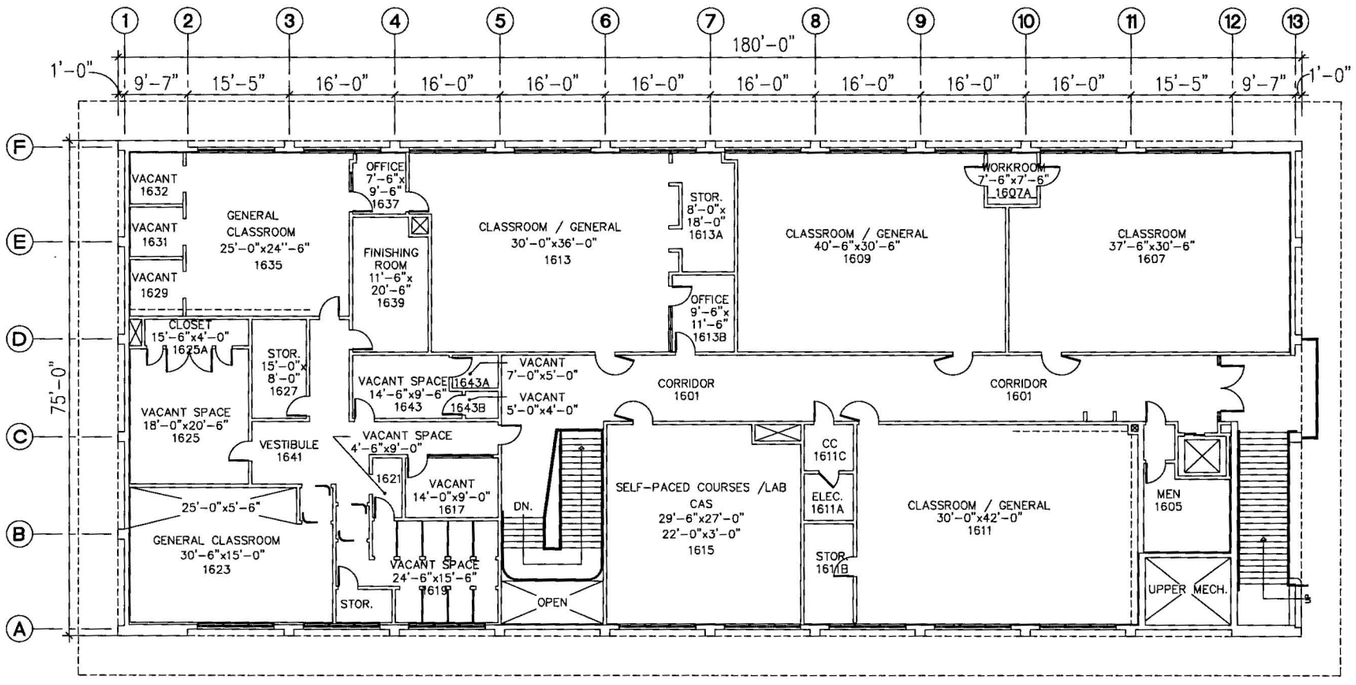
0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 13,500

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

REVISED DATE: 10/01/2011



CHABOT COLLEGE

2ND FLOOR PLAN ENGINEERING BUILDING 1600

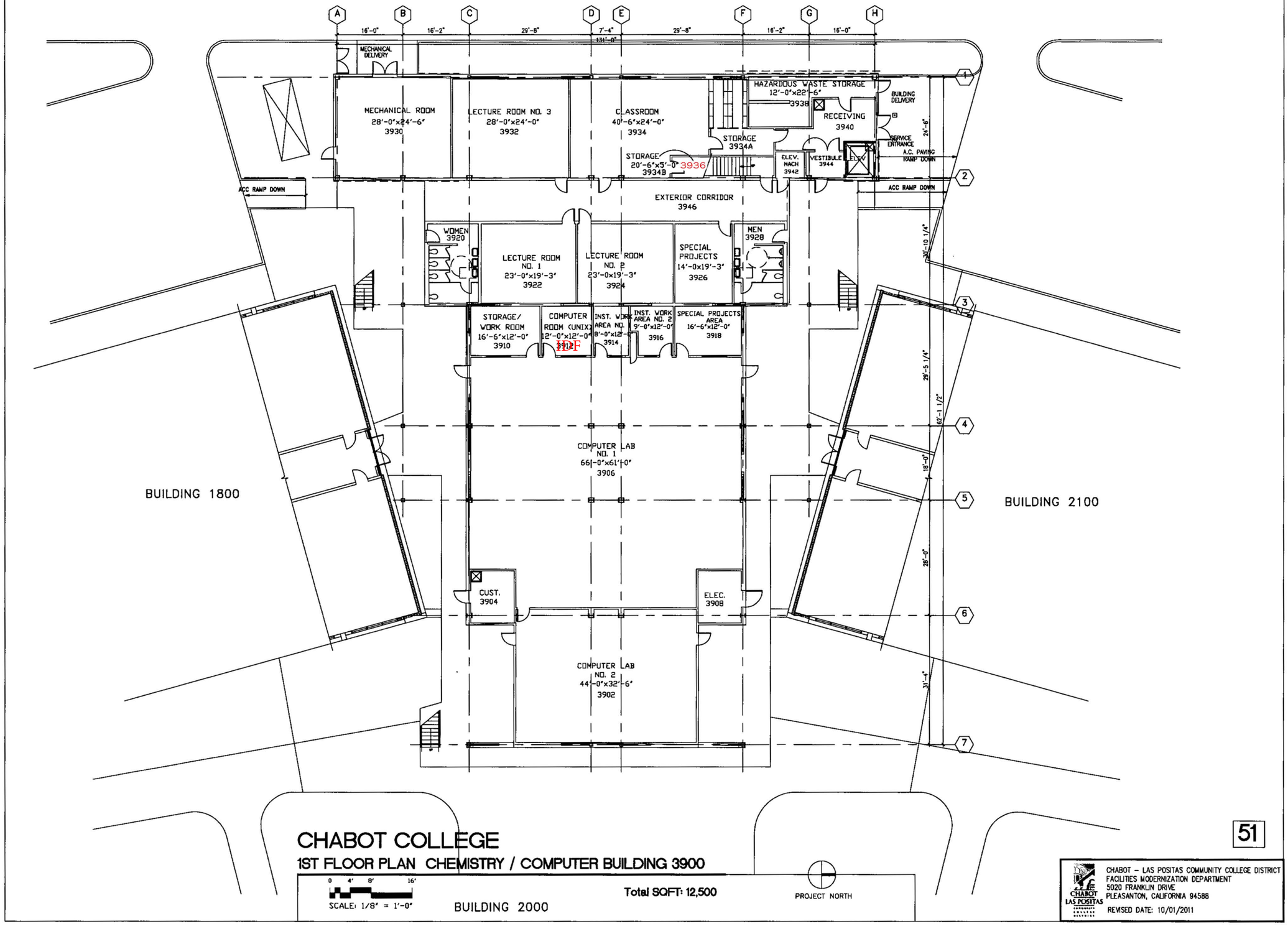
0 4' 8' 16'

SCALE: 1/8" = 1'-0"

Total SQFT: 13,500

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

REVISED DATE: 10/01/2011



CHABOT COLLEGE

1ST FLOOR PLAN CHEMISTRY / COMPUTER BUILDING 3900

SCALE: 1/8" = 1'-0"

Total SQFT: 12,500

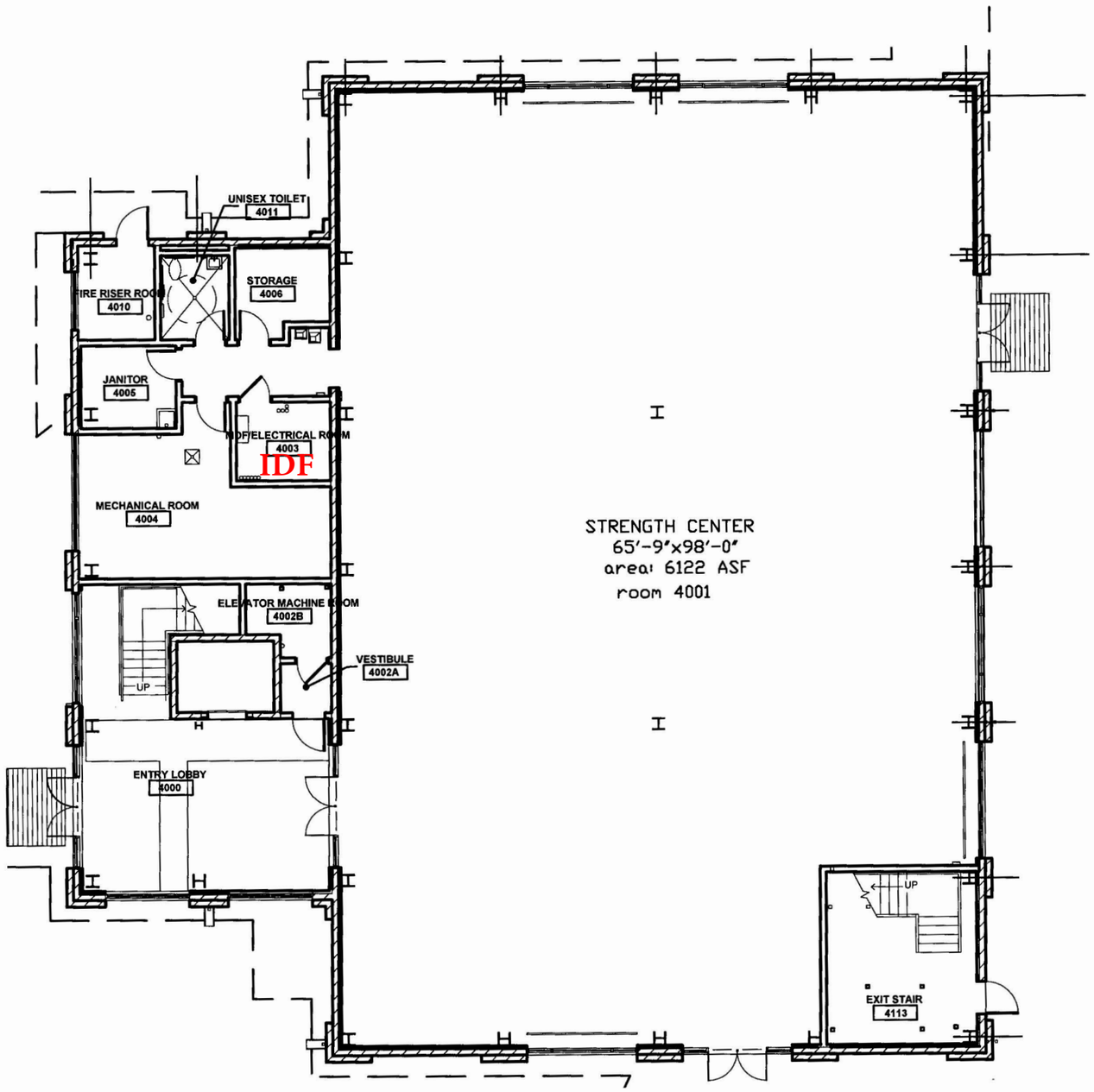
PROJECT NORTH

51

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588

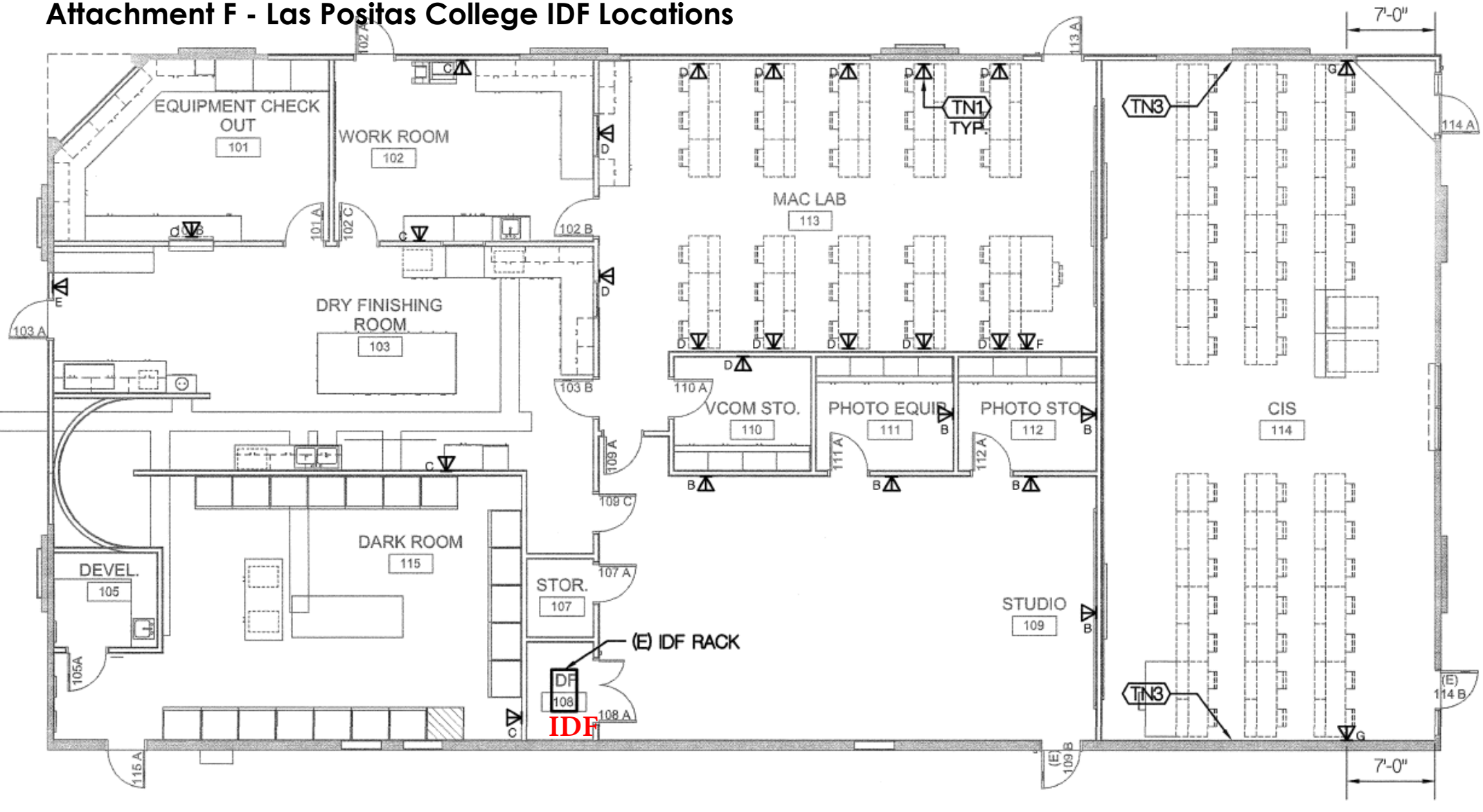
REVISED DATE: 10/01/2011

Strength & Fitnes 1st Flr 4000



Addendum 1

Attachment F - Las Positas College IDF Locations



KEYNOTES

LEGEND

GENERAL NOTES

Key Plan

Consultant Seal

Agency Approval FILE NO. 1-C2

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APPL. NO. 01-115572
ACS FLS SSS
DATE

CHABOT - LAS POSITAS CCD
LAS POSITAS COLLEGE - ACADEMIC BUILDING 100 - INCREMENT 02
3000 Campus Hill Drive, Livermore, CA 94551

No.	Description	Date
	DSA (LA) - BACKCHECK	08-26-2016

Drawing Title
FIRST FLOOR DIMENSION PLAN

Architect's Seal

Designed: MS,JK	Project No. 501600500
Drawn: CC,LV	Scale: 1/8" = 1'-0"
QAQC JK,GG	Drawing No. A2.12
Date: 08-26-2016	

FIRST FLOOR DIMENSION PLAN | 1 | 1/8" = 1'-0"

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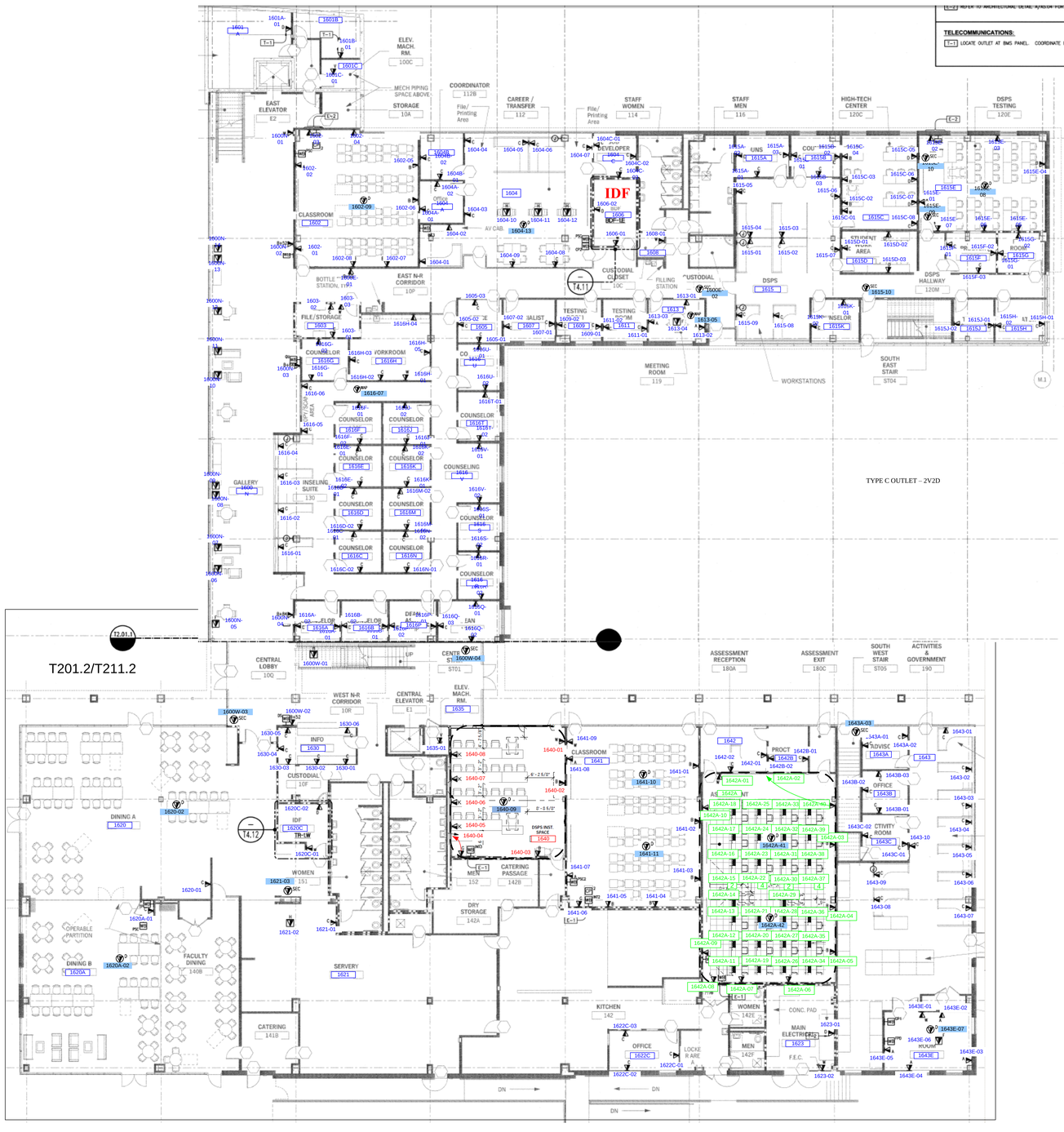
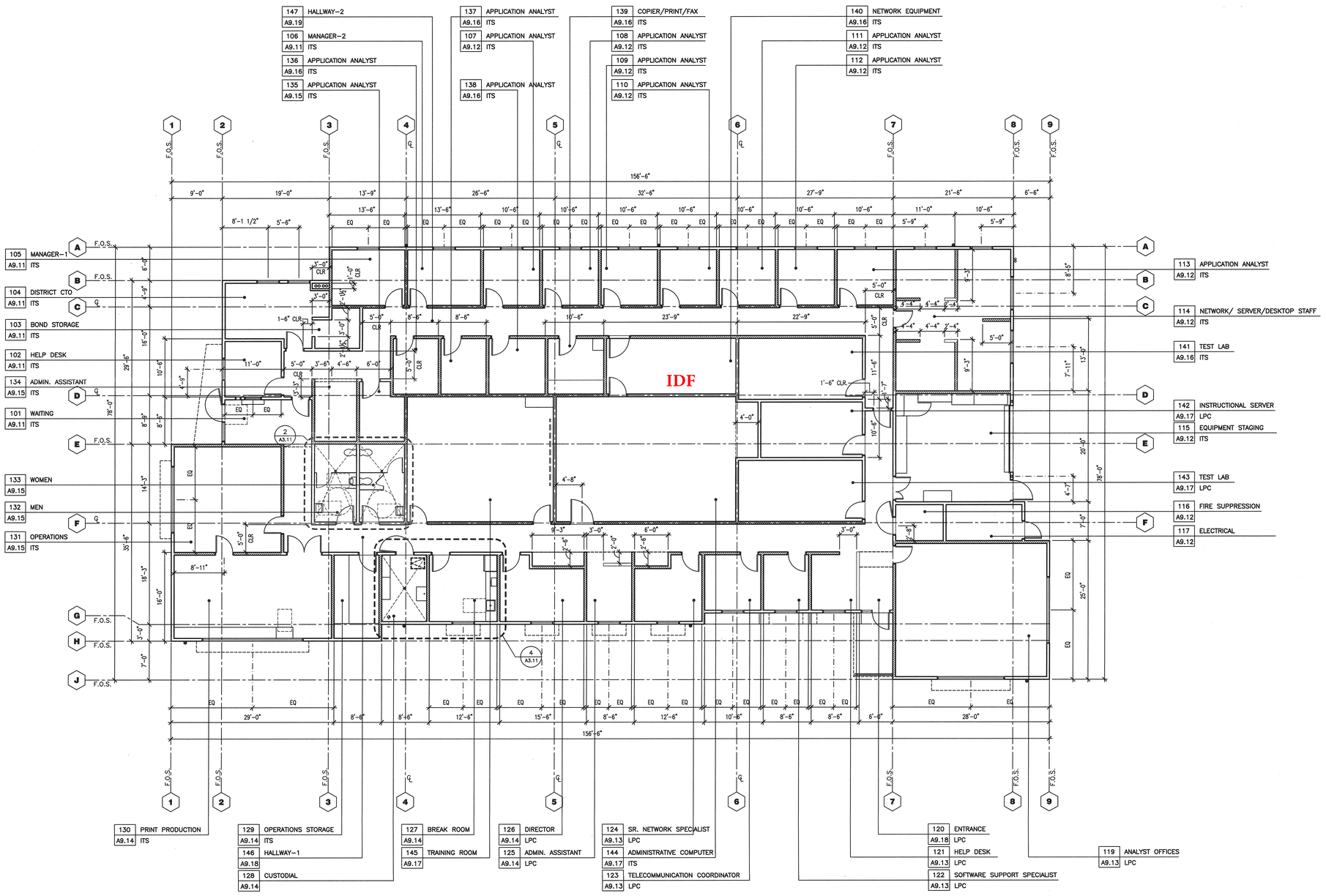
9/19/2016 12:54:39 PM

PLEASE RECYCLE

DSA BACKCHECK


TELECOMMUNICATIONS:
T-1 LOCATE OUTLET AT BMS PANEL. COORDINATE EXACT LOCA
IDF
TYPE C OUTLET – 2V2D
T201.2/T211.2
ELEV. MACH. RM.
COORDINATOR
CAREER / TRANSFER
STAFF WOMEN
STAFF MEN
HIGH-TECH CENTER
DSPS TESTING
EAST ELEVATOR
CLASSROOM
EAST N-R CORRIDOR
CUSTODIAL CLOSET
DSPS HALLWAY
MEETING ROOM
WORKSTATIONS
SOUTH EAST STAIR
GALLERY
INSELING SUITE
CENTRAL LOBBY
WEST N-R CORRIDOR
CENTRAL ELEVATOR
ASSESSMENT RECEPTION
ASSESSMENT EXIT
SOUTH WEST STAIR
ACTIVITIES & GOVERNMENT
DINING A
DINING B
FACULTY DINING
SERVERY
CATERING
KITCHEN
WOMEN
MEN
CATERING PASSAGE
DRY STORAGE
OFFICE
MAIN ELECTRIC
CONC. PAD
F.E.C.
DN



DIMENSION FLOOR PLAN

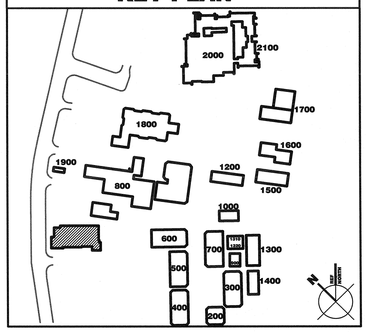
0' 4' 8' 16'

LEGEND

NOTE: ALL SYMBOLS AND PATTERNS MAY NOT NECESSARILY OCCUR ON THIS SHEET.

- 2X STUD WALL. SEE KEYNOTES FOR CONSTRUCTION INFORMATION & STRUCTURAL DWGS. FOR ADDITIONAL INFO.
- 2X STUD WALL WITH BLOCKING @ 60" AFF., REFER TO DETAIL 6/A10.70, COORDINATE W/ INTERIOR DWGS FOR WHICH SIDE OF THE WALL BLOCKING SHOULD BE LOCATED
- FLOOR FINISH | FLOOR FINISH — FLOOR TRANSITION STRIP SEE DETAIL 30/A10.90
- 60–INCH CLEAR FLOOR SPACE LOCATION
- 30–INCH X 48–INCH CLEAR FLOOR SPACE LOCATION
- A — DENOTES ACCESSIBLE PLUMBING FIXTURE AND OR CASEWORK
- WALL TYPE KEY, SEE SHEET A10.70 FOR WALL TYPES
- FEC — FIRE EXTINGUISHER CABINET

KEY PLAN



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AGENCY TRACKING No: N/A

FILE No: 1–C2

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DIV. OF THE STATE ARCHITECT
APPL NO: 01–109294
AC FLS DSA SS W/H
DATE JUN 03 2008

INFORMATION TECHNOLOGY BLDG.

CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT

LAS POSITAS COLLEGE

DIMENSION FLOOR PLAN

Version Date: 05/21/08 Version time: 09:00 am

job no.	06121.000
date	05/21/08
drawn by	NP
chk'd by	PL
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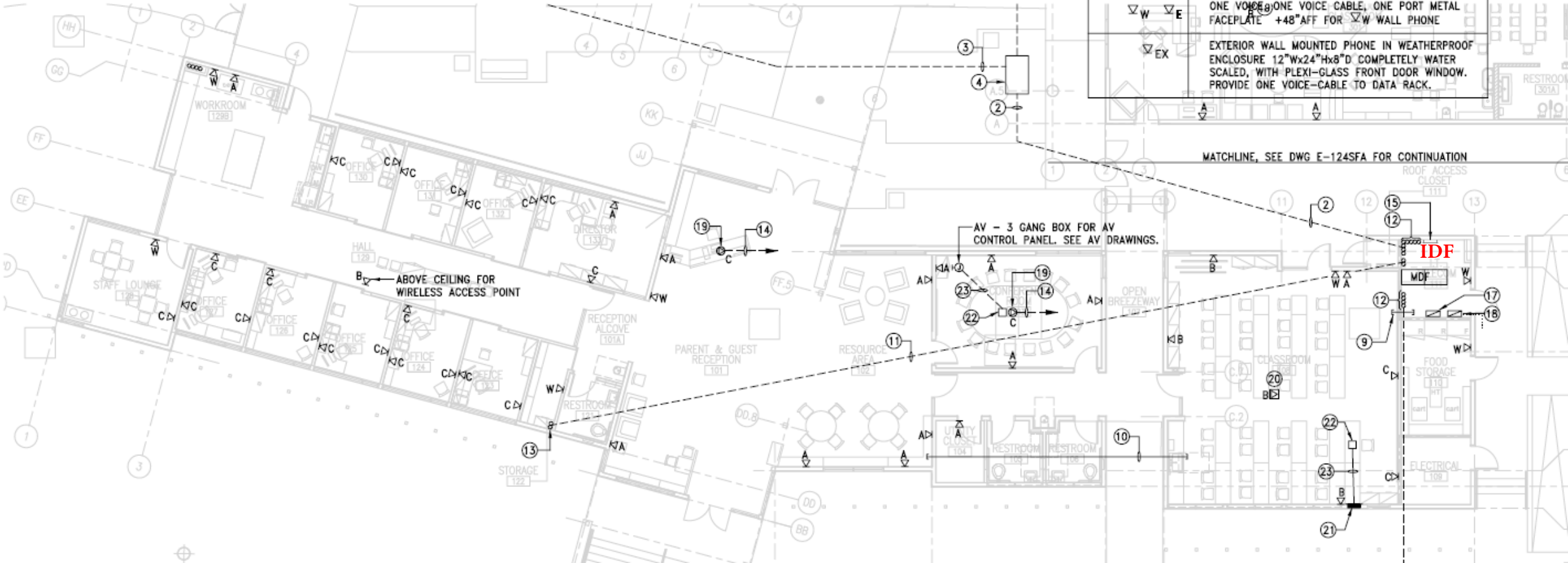
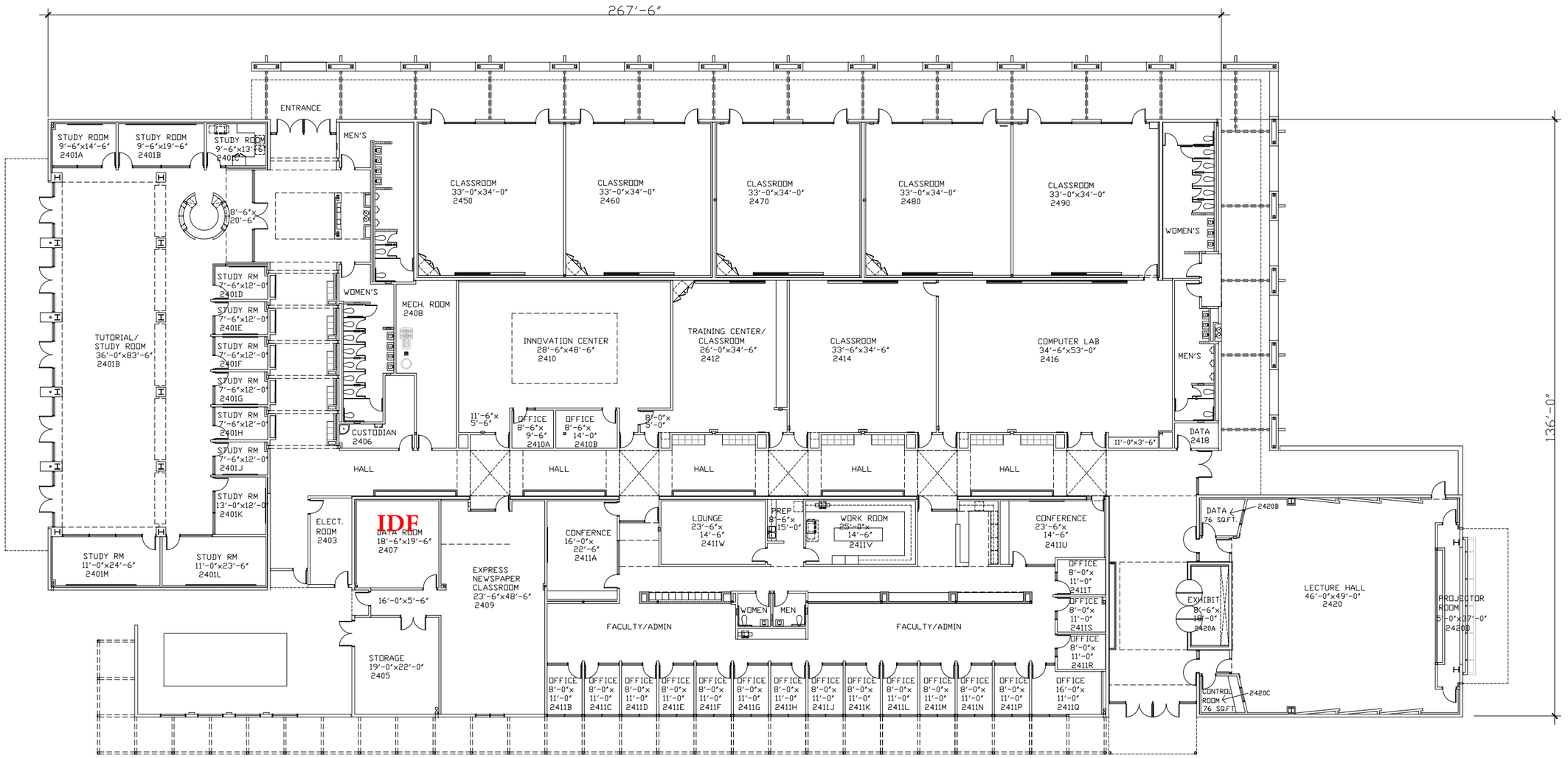
A 2.12

A3	VOICE/DATA OUTLET LEGEND
FLOOR A WALL A	ONE VOICE, ONE DATA, 18"AFF, FOUR PORT FACE PLATE, ONE VOICE CABLE, ONE DATA CABLE
FLOOR B CEILING B WALL B	TWO DATA, 18"AFF, TWO DATA CABLE, FOUR PORT FACEPLATE CEILING OUTLET, B FOR PROJECTOR
FLOOR C WALL C	TWO VOICE, TWO DATA, 18"AFF. TWO VOICE CABLE, TWO DATA CABLES, FOUR PORT FACEPLATE
D	FOUR DATA, FOUR DATA CABLE, FOUR PORT FACEPLATE
W E	ONE VOICE, ONE VOICE CABLE, ONE PORT METAL FACEPLATE +48"AFF FOR W WALL PHONE
EX	EXTERIOR WALL MOUNTED PHONE IN WEATHERPROOF ENCLOSURE 12"Wx24"Hx8"D COMPLETELY WATER SCALED, WITH PLEXI-GLASS FRONT DOOR WINDOW. PROVIDE ONE VOICE-CABLE TO DATA RACK.





LAS POSITAS COLLEGE

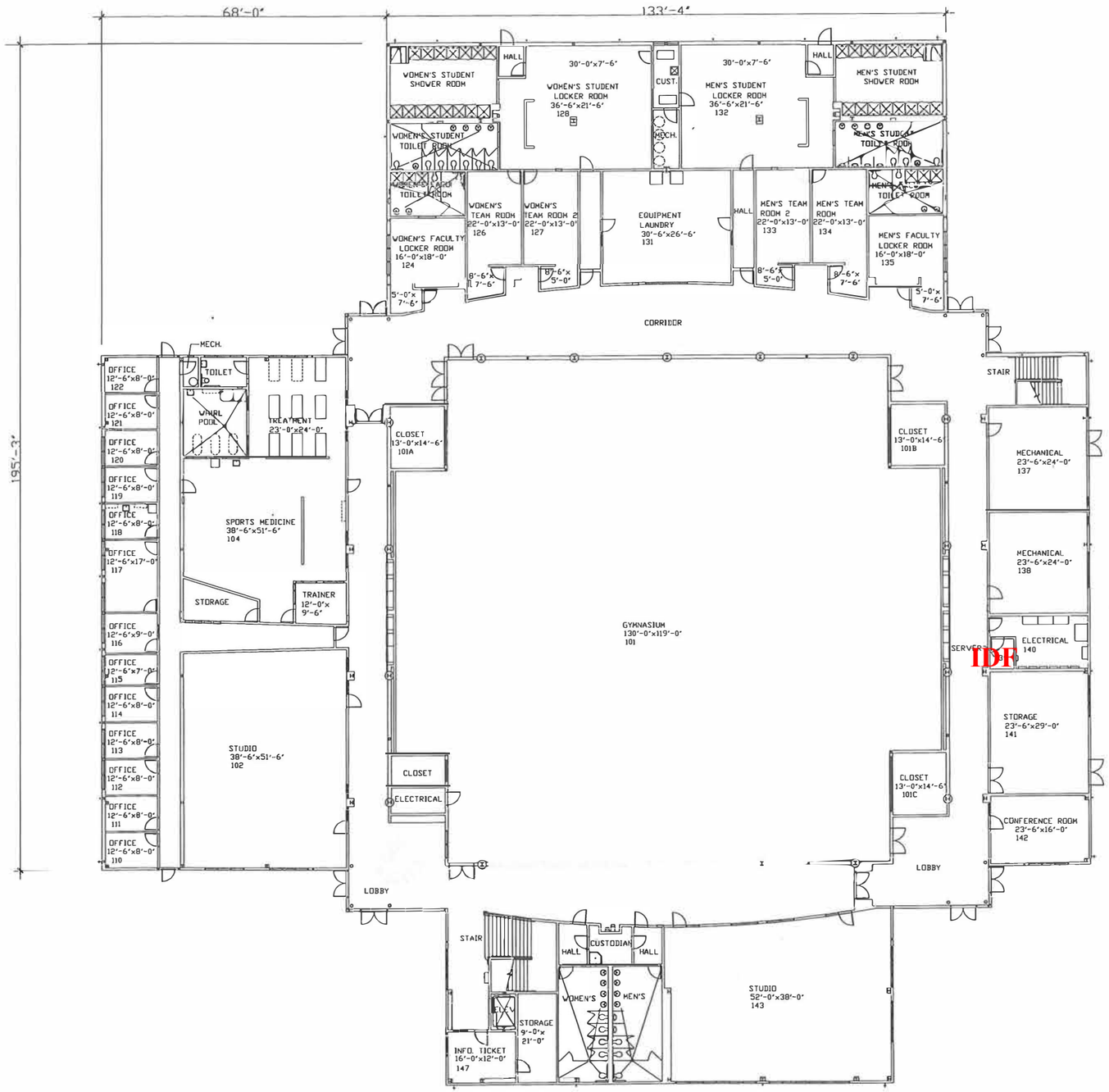
MULTI-DISCIPLINARY BUILDING 2400

0 4' 8' 16'

SCALE: 1/8" = 1'-0"

N

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588



LAS POSITAS COLLEGE

PHYSICAL EDUCATION COMPLEX BUILDING 2500 - FIRST FLOOR

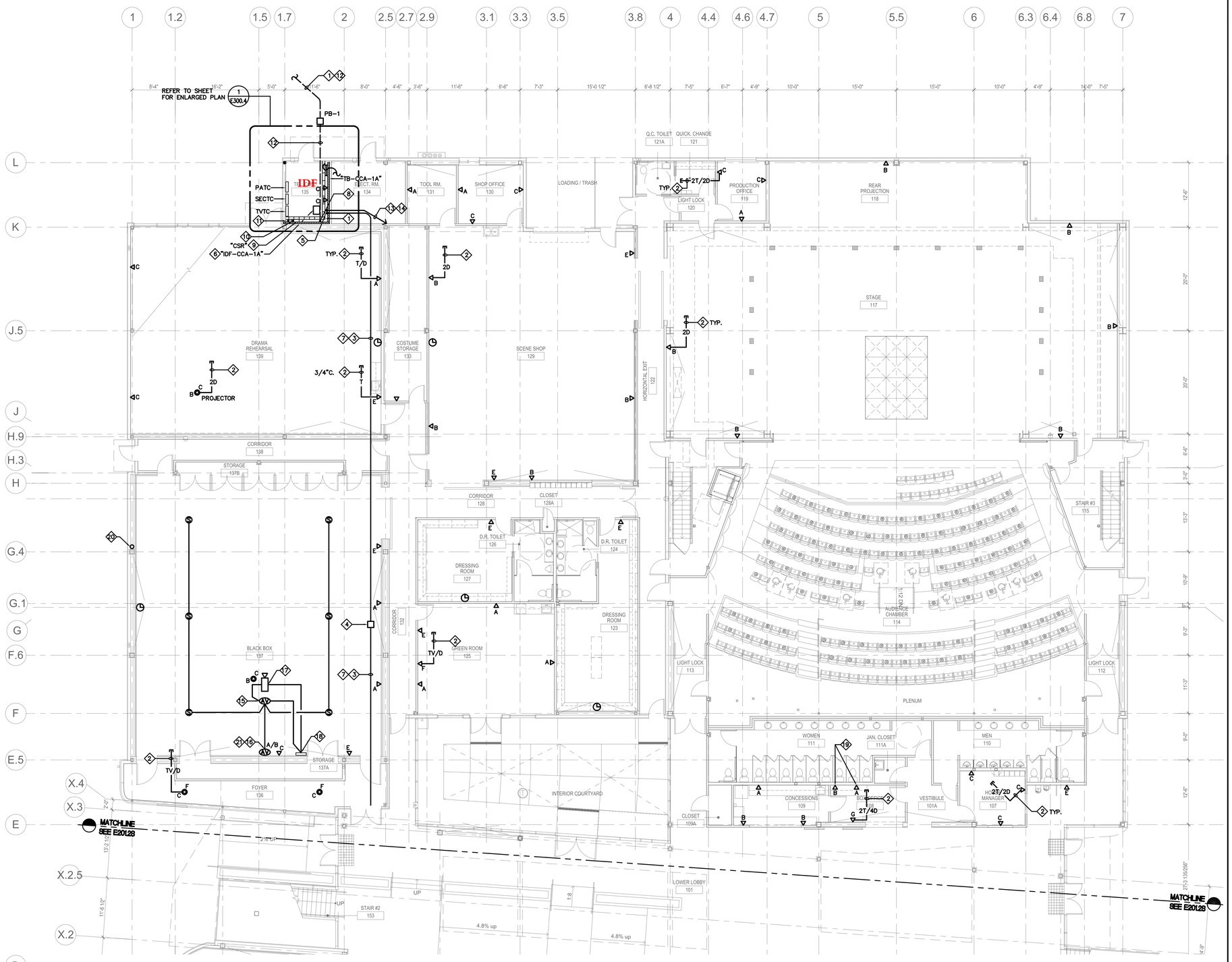
0 4' 8' 16'

SCALE: 1/8" = 1'-0"

N

22

CHABOT – LAS POSITAS COMMUNITY COLLEGE DISTRICT
FACILITIES MODERNIZATION DEPARTMENT
5020 FRANKLIN DRIVE
PLEASANTON, CALIFORNIA 94588



FIRST LEVEL PLAN - SIGNAL 1

SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. TO EXISTING PULLBOX #M-2. REFER TO SIGNAL SITE PLAN ON SHEET E101 FOR CONTINUATION.
2. 1 1/4"C. STUB UP TO CEILING SPACE. PROVIDE NUMBER OF CABLES AS INDICATED. ALL CABLES TO BE SUPPORTED WITH J-HOOKS INSIDE THE CEILING & HOMERUN TO "IDF-CCA-1A" TYPICAL FOR ALL VOICE/DATA OUTLETS, UNLESS NOTED OTHERWISE.
3. 4"C. 50 PR. CAT 3 (VOICE RISER) 4"C. WITH 1 1/2"ø INNERDUCT 12 STRAND, 8.3/125 MICRON SINGLE MODE FIBER CABLE AND 12 STRAND 50 MICRON LAZRSPEED MULTIMODE CABLING (DATA RISER). (1)4"C.O. & (1)2 1/2"C.O. SPARE.
4. CEILING MOUNTED PULLBOX IN ACCESSIBLE CEILING SPACE 40" x 40" x 8".
5. CONDUIT STUB DOWN 6" BELOW DROP CEILING.
6. PROVIDE FLOOR MOUNTED RACK 19" W x 84" H x 15" D. REFER TO SPECIFICATION.
7. CONDUIT RUN IN CEILING SPACE.
8. CONDUIT STUB UP 12" AFF.
9. CLOCK SYSTEM GPS RECEIVER. REFER TO SPECIFICATION.
10. 1"C.O. STUB UP ON ROOF.
11. 1"C.O. STUB UP ON ROOF FOR FUTURE TV SATELLITE SERVICE.
12. REFER TO SIGNAL SITE PLAN ON SHEET E101 FOR SIZE & QUANTITY OF CONDUITS & CABLES.
13. 4"C. 25 PR. CAT 3 (VOICE RISER) 4"C. WITH 1 1/2" INNERDUCT 12 STRAND, 8-3/125 MICRON SINGLE MODE FIBER CABLE AND 12 STRAND 50 MICRON LAZRSPEED MULTIMODE CABLING (DATA RISER) (1)4"C.O. & (1)2 1/2"C.O. (SPARE)
14. ROUTE CONDUIT TO "IDF-CCA-2B" IN CLOSET 201B @ 2ND LEVEL
15. AUDIO/VIDEO EQUIPMENT AT CEILING ADJACENT TO PROJECTOR. REFER TO SHEET 2/E007.
16. AUDIO/VIDEO OUTLET AT TEACHER STATION LETTER DENOTES TYPE OF AUDIO/VIDEO OUTLET. REFER TO SHEET 2/E007.
17. PROJECTOR BY OTHERS.
18. CONTROL LABELS EXTRON MLC 104 IP PLUS. REFER TO SHEET 2/E007.
19. MOUNT ± 8" ABOVE COUNTER.
20. PROVIDE 2"C.O. STUBBED TO 8" BELOW CATWALK, MUDRING, FOR FUTURE A/V CONNECTION LOCATION.
21. A/V CONTROL TO BE LOCATED IN CONTROL ROOM.

Keynotes

Legend

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Project:

LAS POSITAS COLLEGE

LIVERMORE, CA 94551

COLLEGE CENTER FOR THE ARTS

CLPCCD Project Number 553720

D.S.A. STAMP

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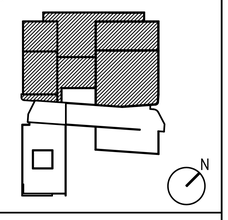
Key Plan



Drawing Title

FIRST LEVEL PLAN - SIGNAL

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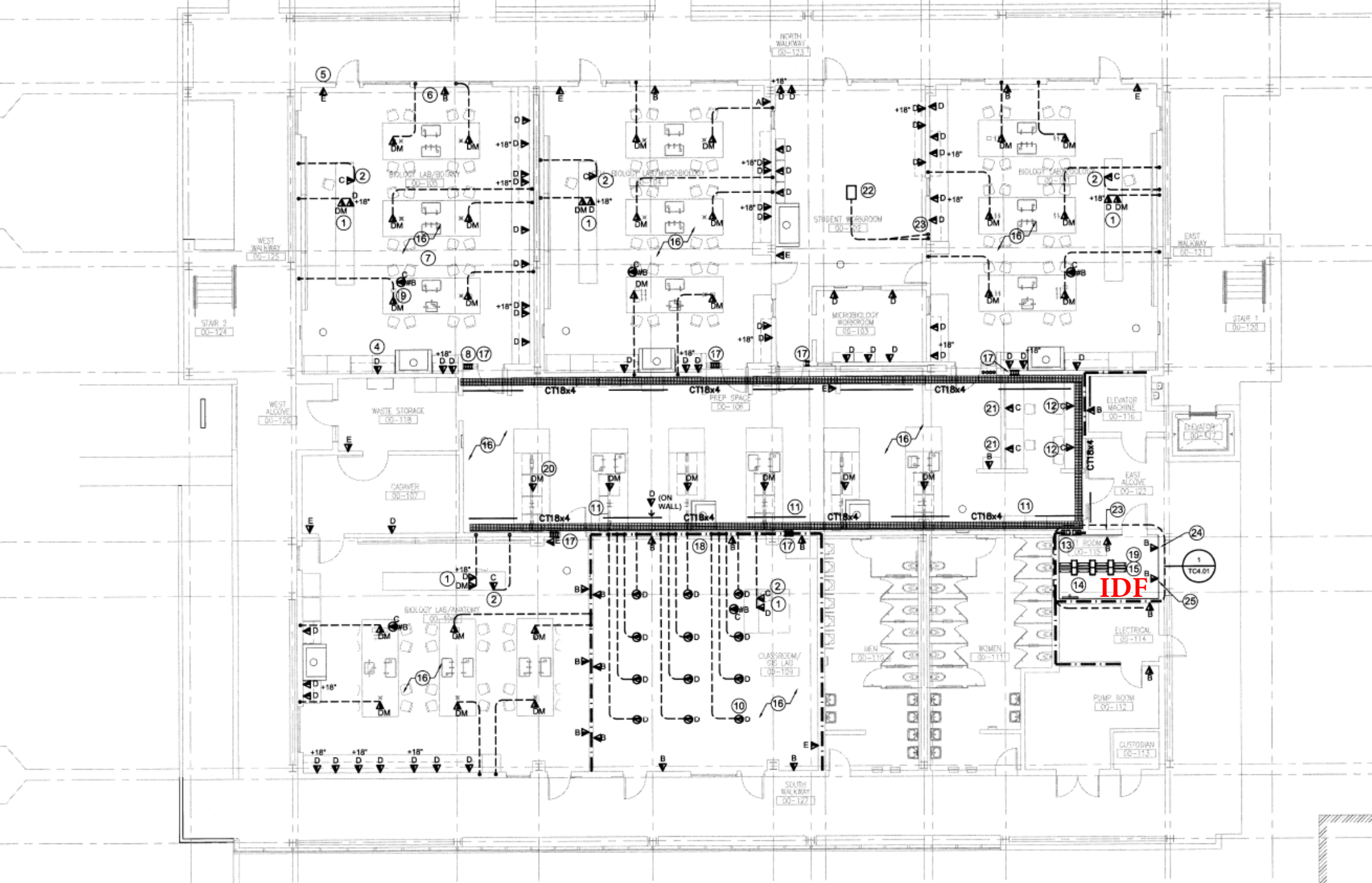
Phase: CONSTRUCTION DOCUMENTS Sheet No.:
Date: 4 MAY 2007
Scale: AS SHOWN **E201.1S**
Drawn By: AD


NORTH WALKWAY 00-123
BIOLOGY LAB/BOTANY 00-105
BIOLOGY LAB/MICROBIOLOGY 00-104
STUDENT WORKROOM 00-102
BIOLOGY LAB/CHEMISTRY 00-101
WEST WALKWAY 00-125
EAST WALKWAY 00-121
STAIR 2 00-124
STAIR 1 00-120
MICROBIOLOGY WORKROOM 00-103
CT18x4
PREP SPACE 00-106
WEST ALCOVE 00-126
WASTE STORAGE 00-118
ELEVATOR MACHINE 00-116
ELEVATOR 00-117
CADAVER 00-107
EAST ALCOVE 00-122
D (ON WALL)
BIOLOGY LAB/ANATOMY 00-108
CLASSROOM/ SCI LAB 00-109
MEN 00-110
WOMEN 00-111
IDF
ELECTRICAL 00-114
PUMP ROOM 00-112
CUSTODIAN 00-113
SOUTH WALKWAY 00-127
1 TC4.01