

IMPERIAL COMMUNITY COLLEGE DISTRICT

IMPERIAL VALLEY COLLEGE

CAMPUS SECURITY CAMERA REPLACEMENT

380 EAST ATEN RD.
IMPERIAL, CA 92251
(760) 352-8320

BOARD OF SCHOOL TRUSTEES :

| | | |
|--|-------------------------|-----------------------------------|
| HORTENCIA ARMENDARIZ - BOARD PRESIDENT AREA 1 | KARLA SIGMOND AREA 2 | DR. LENNOR M. JOHNSON - SECRETARY |
| PETER MARTINEZ AREA 3 | ISABEL SOLIS AREA 4 | BETSY LINDBERGH AREA 5 |
| ROMUALDO J. MEDINA AREA 6 | ERIK ORTEGA AREA 7 | SOFIA SALORIO STUDENT TRUSTEE |

APPROVALS

PROJECT BIDDING

BASE BID
BASE BID SHALL INCLUDE ALL WORK SHOWN ON CONTRACT DOCUMENTS AS REQUIRED TO INSTALL THE DISTRICT'S COMPREHENSIVE INSTALLATION OF THEIR CAMPUS SECURITY CAMERA SYSTEM.

1. INSTALLATION OF SECURITY CAMERAS THROUGHOUT THE CAMPUS.
2. REPAIR OR INSTALL MISCELLANEOUS ARCHITECTURAL FINISHES AS REQUIRED TO SUPPORT THE CAMERA SYSTEMS.

BID EXCLUSIONS
1. PURCHASE OF ALL CAMERA EQUIPMENT AND WARRANTIES.

ALTERNATE ADD 1.
ADD TO BASE BID
ALTERNATE ADD ONE (1) SHALL ADD THE FOLLOWING ITEMS TO THE BASE BID.
ALTERNATE ONE SHALL INCLUDE ALL SCOPE OF WORK RELATED TO THE INSTALLATION OF ALL INTERIOR CAMERAS.

GENERAL NOTES

1. EXAMINATION OF SITE AND CONTRACT DOCUMENTS:

EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND FULLY ACQUAINT HIMSELF WITH THE CONDITIONS RELATING TO THE CONSTRUCTION AND LABOR SO THAT HE MAY FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT. BIDDERS SHALL THOROUGHLY EXAMINE AND BE FAMILIAR WITH THE DRAWINGS AND PROJECT MANUAL. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY CONTRACT, FORM, INSTRUMENT, ADDENDUM, OR OTHER DOCUMENT OR TO VISIT THE SITE AND ACQUAINT HIMSELF WITH CONDITIONS THERE EXISTING SHALL IN NO MANNER RELIEVE ANY BIDDER FROM OBLIGATIONS WITH RESPECT TO HIS BID OR TO THE CONTRACT. THE SUBMISSION OF A BID SHALL BE TAKEN AS PRIMA FACIE EVIDENCE OF COMPLIANCE WITH THIS SECTION. THE ARCHITECT SHALL BE NOTIFIED, PRIOR TO BID, OF ANY UNUSUAL CONDITIONS OR DISCREPANCIES IN THE CONTRACT DOCUMENTS OR INTENT OF WORK TO BE ACCOMPLISHED, WHEREIN A CLARIFICATION OR AMENDMENT MAY BE ISSUED.

2. PROJECT SCOPE:

THE SCOPE OF WORK FOR THIS PROJECT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING ITEMS:

1. INSTALLATION OF SECURITY CAMERAS THROUGHOUT THE CAMPUS.
2. REPAIR OR INSTALL MISCELLANEOUS ARCHITECTURAL FINISHES AS REQUIRED TO SUPPORT THE CAMERA SYSTEMS.

3. GEOLOGICAL AND SOILS REPORT:

NONE THIS PROJECT.

4. CODES AND STANDARDS:

APPLICABLE CODES:
ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR), 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, CCR, 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, CCR, (2021 INTERNATIONAL BUILDING CODE WITH CALIFORNIA 2022 AMENDMENTS) 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, CCR, (2020 NATIONAL ELECTRICAL CODE WITH CALIFORNIA 2022 AMENDMENTS) 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, CCR, (2021 UNIFORM MECHANICAL CODE WITH CALIFORNIA 2022 AMENDMENTS) 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, CCR, (2021 UNIFORM PLUMBING CODE WITH CALIFORNIA 2022 AMENDMENTS) 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24, CCR, 2022 CALIFORNIA FIRE CODE (CFC), PART 7, TITLE 24, CCR, (2021 INTERNATIONAL FIRE CODE WITH CALIFORNIA 2022 AMENDMENTS) 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, CCR, 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24, CCR, TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 2019 ASHRAE AT11 SAFETY CODE FOR ELEVATORS AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS:

| | | |
|-----------|---|---|
| NFPA 13 | STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED) | 2022 EDITION |
| NFPA 14 | STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED) | 2019 EDITION |
| NFPA 17 | STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS | 2021 EDITION |
| NFPA 17A | STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS | 2021 EDITION |
| NFPA 20 | STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION | 2019 EDITION |
| NFPA 22 | STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION | 2023 EDITION |
| NFPA 24 | STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED) | 2019 EDITION |
| NFPA 72 | NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) | 2022 EDITION |
| NFPA 80 | STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES | 2019 EDITION |
| NFPA 2001 | STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED) | 2019 EDITION |
| UL 300 | STANDARD FOR FIRE TESTING OF EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT | 2009 (R2010) |
| UL 464 | AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES | 2009 EDITION |
| UL 521 | STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS | 1999 EDITION (WITH REVISIONS THROUGH AUGUST 2005) |
| UL 1471 | STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED | 2019 EDITION |
| ICC 300 | STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS | 2011 EDITION |

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SP4) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 60.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

GENERAL NOTES

5. INSPECTION:

BY OWNER.

6. CHANGES TO APPROVED DRAWINGS:

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE ARCHITECT.

7. DEFERRED APPROVALS:

NONE THIS PROJECT.

8. D.S.A. CLOSE-OUT CERTIFICATION:

THIS PROJECT NOT LINKED TO OTHER DSA PROJECTS.

9. CONSTRUCTION FIRE SAFETY:

CONTRACTOR IS RESPONSIBLE FOR FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION AND SHALL COMPLY WITH CFC CHAPTER 14.

SHEET INDEX

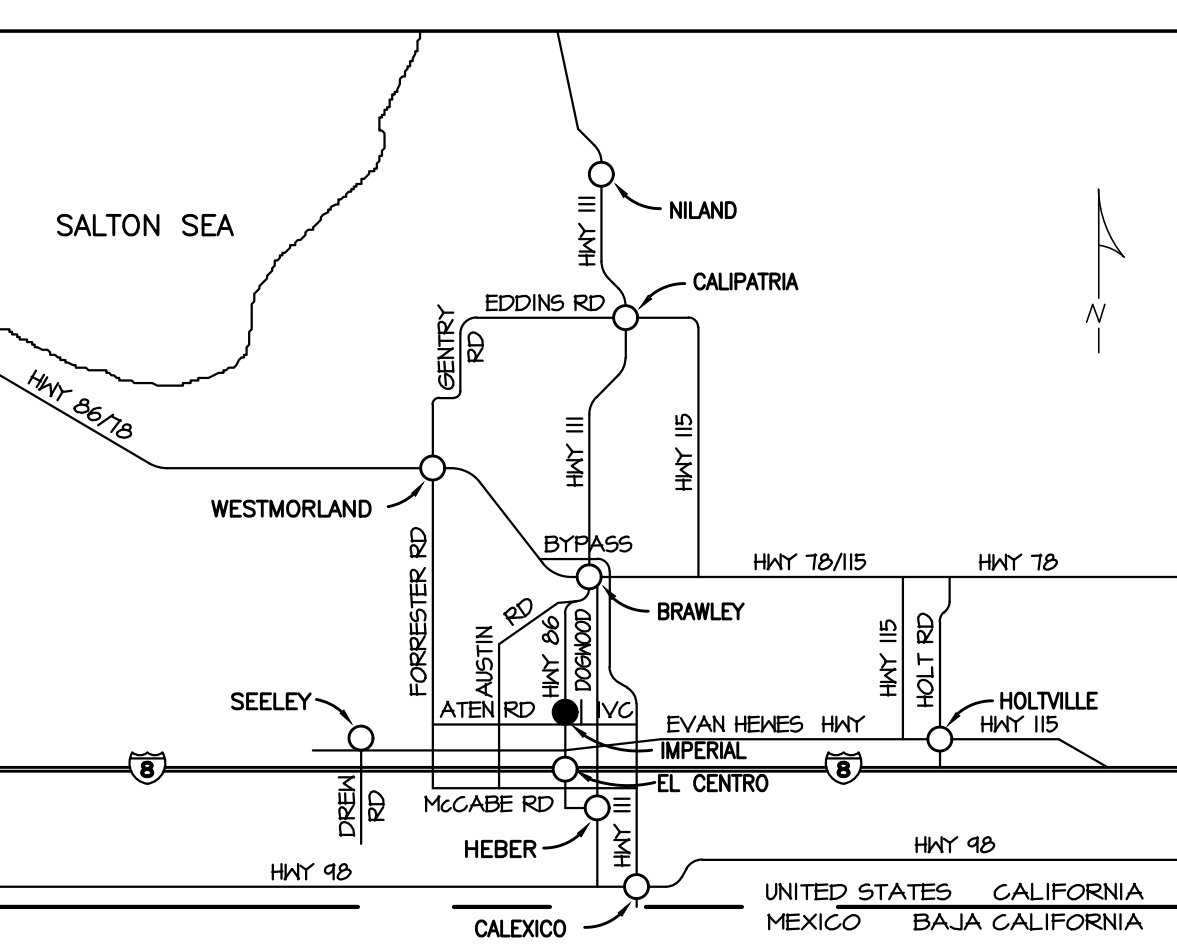
| T | TITLE SHEET - GENERAL NOTES, SHEET INDEX |
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COMMUNICATIONS

| | |
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| CM0.0 | COMMUNICATIONS SITE PLAN |
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| CM0.2 | COMMUNICATIONS SITE PLAN - Q2 |
| CM0.3 | COMMUNICATIONS SITE PLAN - Q3 |
| CM0.4 | COMMUNICATIONS SITE PLAN - Q4 |
| CM0.5 | COMMUNICATIONS DETAILS |
| CM1.2 | COMMUNICATIONS PLAN - BUILDING 10/40-1400 - REFLECTED CEILING PLAN |
| CM1.3 | COMMUNICATIONS PLAN - BUILDING 100-3400 - REFLECTED CEILING PLAN |
| CM1.4 | COMMUNICATIONS PLAN - BUILDING 200-2300 - REFLECTED CEILING PLAN |
| CM1.5 | COMMUNICATIONS PLAN - BUILDING 400-4500 - REFLECTED CEILING PLAN |
| CM1.6 | COMMUNICATIONS PLAN - BUILDING 500 - REFLECTED CEILING PLAN |
| CM1.7 | COMMUNICATIONS PLAN - BUILDING 600-3600 - REFLECTED CEILING PLAN |
| CM1.8 | BUILDING 700-3700 - REFLECTED CEILING PLAN - COMMUNICATIONS PLAN |
| CM1.8.1 | COMMUNICATIONS PLAN - BUILDING 700-3700 2ND FLOOR - REFLECTED CEILING PLAN |
| CM1.9 | COMMUNICATIONS PLAN - BUILDING 800-2500 - REFLECTED CEILING PLAN |
| CM1.10 | COMMUNICATIONS PLAN - BUILDING 900-1500 - REFLECTED CEILING PLAN |
| CM1.11 | COMMUNICATIONS PLAN - BUILDING 1000-1600 - REFLECTED CEILING PLAN |
| CM1.12 | COMMUNICATIONS PLAN - BUILDING 1500-5500 - REFLECTED CEILING PLAN |
| CM1.13 | COMMUNICATIONS PLAN - BUILDING 1700-4600 - REFLECTED CEILING PLAN |
| CM1.14 | COMMUNICATIONS PLAN - BUILDING 1800-2600 - REFLECTED CEILING PLAN |
| CM1.15 | COMMUNICATIONS PLAN - BUILDING 2100-5300 - REFLECTED CEILING PLAN |
| CM1.16 | COMMUNICATIONS PLAN - BUILDING 2200 - REFLECTED CEILING PLAN |
| CM1.17 | COMMUNICATIONS PLAN - BUILDING 2600-3200 - REFLECTED CEILING PLAN |
| CM1.18 | COMMUNICATIONS PLAN - BUILDING 2700-7400 - REFLECTED CEILING PLAN |
| CM1.18.1 | COMMUNICATIONS PLAN - BUILDING 2700-7400 2ND FLOOR - REFLECTED CEILING PLAN |
| CM1.19 | COMMUNICATIONS PLAN - BUILDING 2800-6300 - REFLECTED CEILING PLAN |
| CM1.20 | COMMUNICATIONS PLAN - BUILDING 3100-7700 - REFLECTED CEILING PLAN |
| CM1.21 | COMMUNICATIONS PLAN - BUILDING 3200-6700 - REFLECTED CEILING PLAN |
| CM1.22 | COMMUNICATIONS PLAN - SHERIFF'S BUILDING - REFLECTED CEILING PLAN |
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| CM2.2 | FIXTURE SCHEDULE - CAMERA MOUNTS |

SHEET COUNT: 32 SHEETS

VICINITY MAP



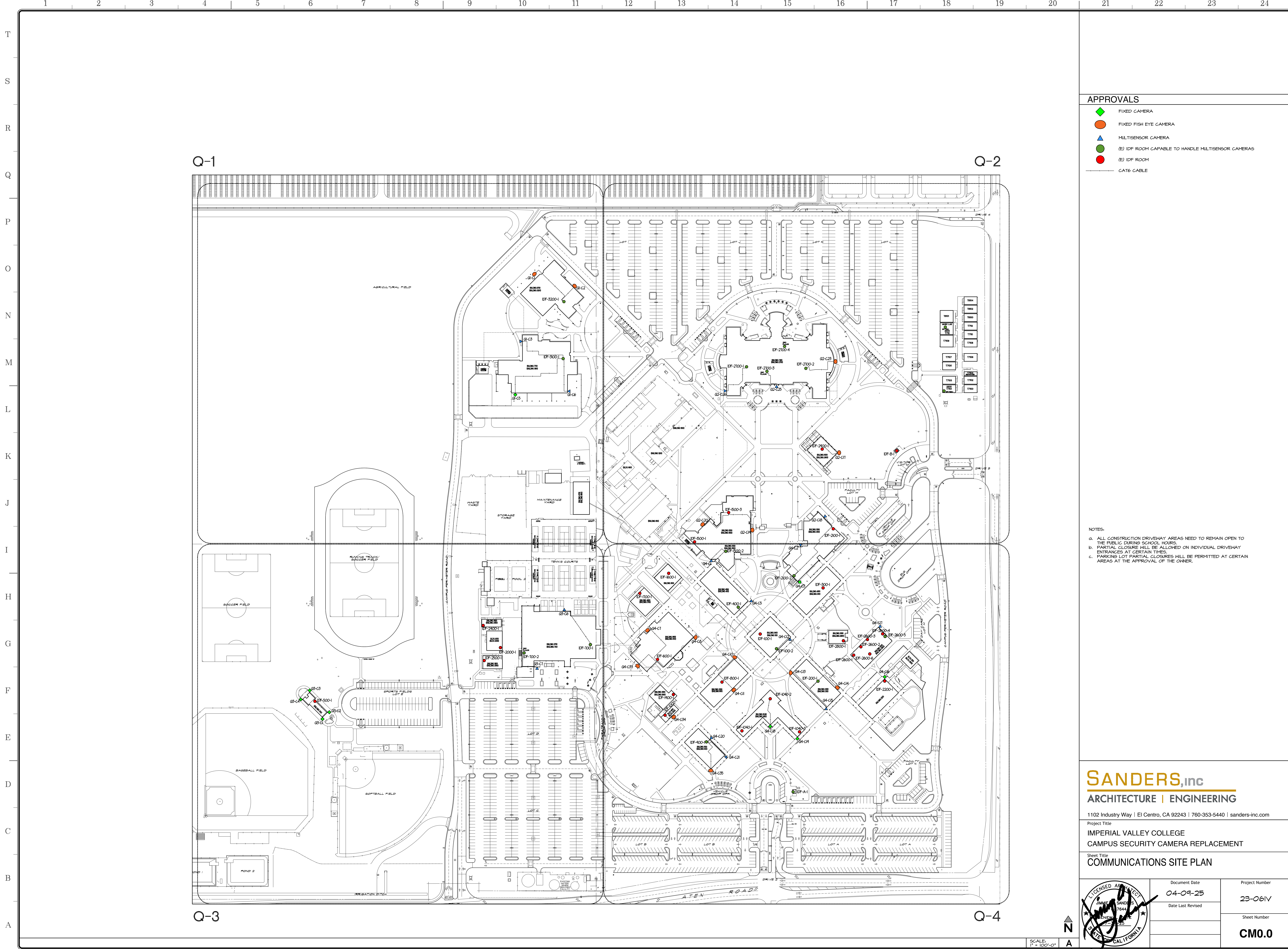
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Project Title
IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
TITLE SHEET, GENERAL NOTES,
SHEET INDEX

| | | |
|---|---------------------------|---------------------------|
| LICENSED ARCHITECT JIMMIE SANDERS 7644 STATE OF CALIFORNIA | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number T |



- APPROVALS**
- ◆ FIXED CAMERA
 - FIXED FISH EYE CAMERA
 - ▲ MULTISENSOR CAMERA
 - (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
 - (E) IDF ROOM
 - CAT6 CABLE

- NOTES:**
- a. ALL CONSTRUCTION DRIVEWAY AREAS NEED TO REMAIN OPEN TO THE PUBLIC DURING SCHOOL HOURS.
 - b. PARTIAL CLOSURE WILL BE ALLOWED ON INDIVIDUAL DRIVEWAY ENTRANCES AT CERTAIN TIMES.
 - c. PARKING LOT PARTIAL CLOSURES WILL BE PERMITTED AT CERTAIN AREAS AT THE APPROVAL OF THE OWNER.

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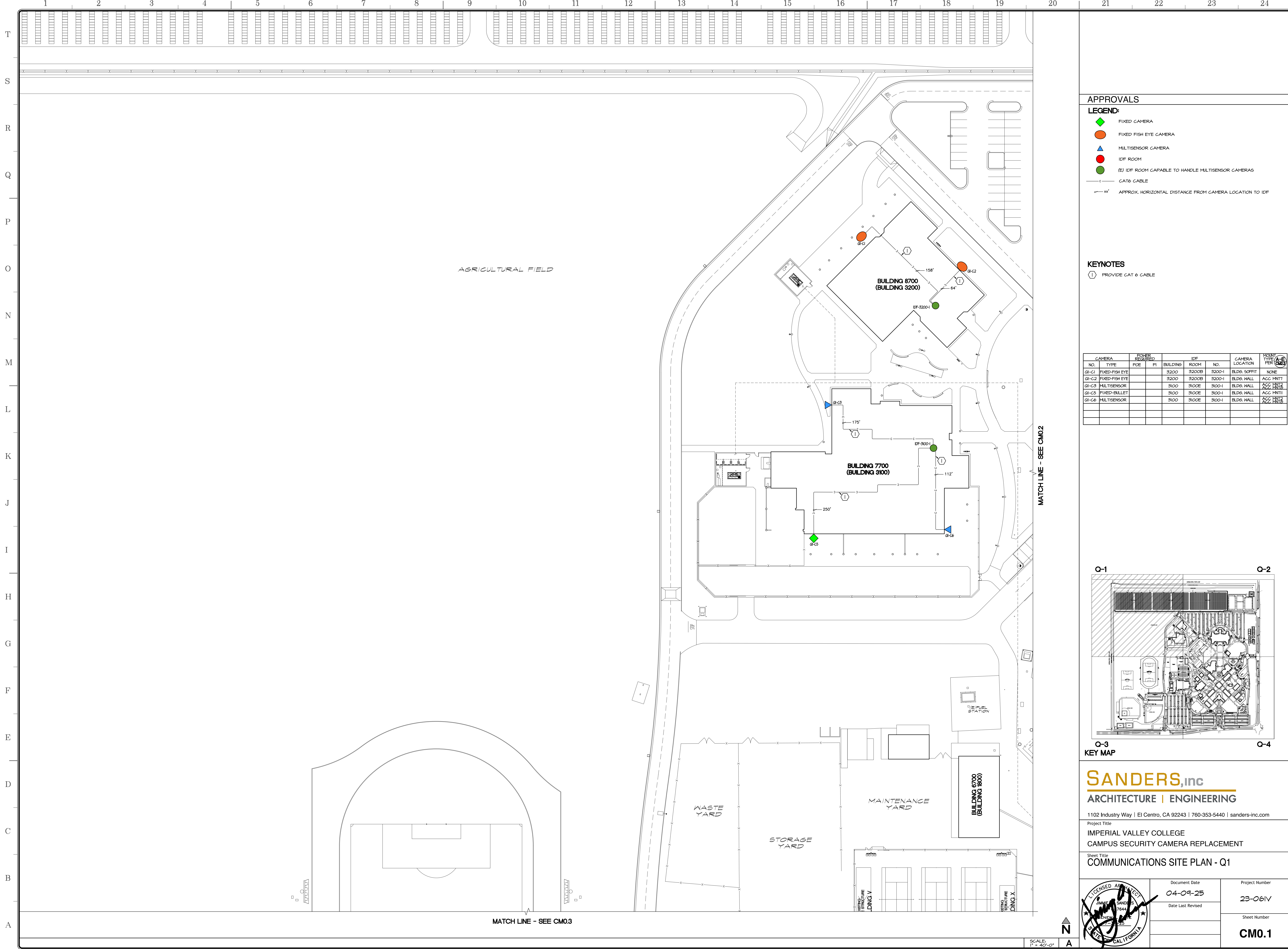
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Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
COMMUNICATIONS SITE PLAN

| | | |
|--|---------------------------|------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM0.0 |

SCALE: 1" = 100'-0"



APPROVALS

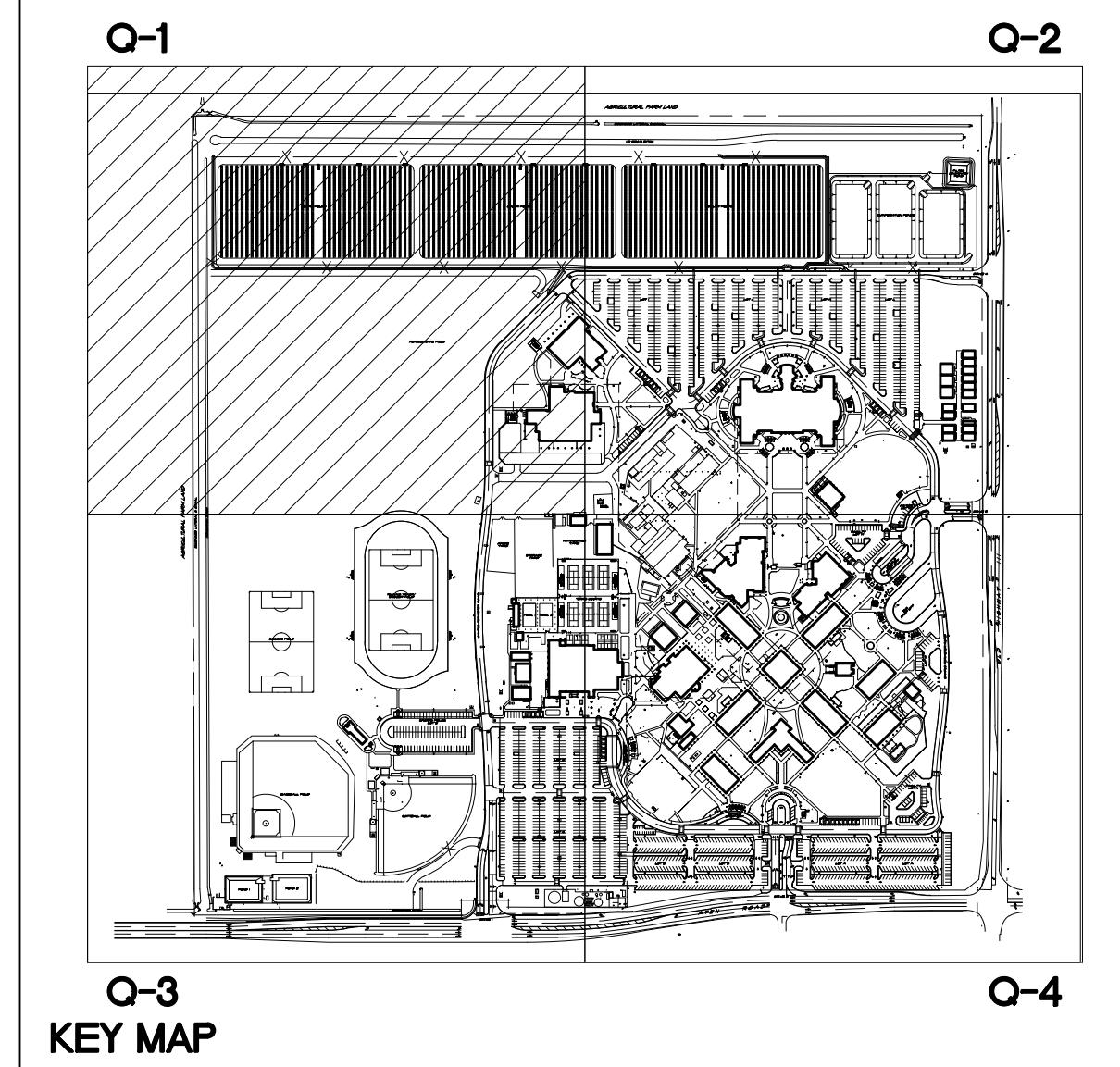
LEGEND:

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- 'x' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

KEYNOTES

- ① PROVIDE CAT 6 CABLE

| CAMERA NO. | CAMERA TYPE | POE | PI | BUILDING | IDF ROOM | IDF NO. | CAMERA LOCATION | ROOM TYPE | PER (A-E) |
|------------|----------------|-----|----|----------|----------|---------|-----------------|-----------|-----------|
| Q1-C1 | FIXED-FISH EYE | | | 3200 | 3200B | 3200-1 | BLDG. SOFFIT | NONE | |
| Q1-C2 | FIXED-FISH EYE | | | 3200 | 3200B | 3200-1 | BLDG. WALL | ACC MNT | |
| Q1-C3 | MULTISENSOR | | | 3100 | 3100E | 3100-1 | BLDG. WALL | ACC MNT | |
| Q1-C5 | FIXED-BULLETT | | | 3100 | 3100E | 3100-1 | BLDG. WALL | ACC MNT | |
| Q1-C6 | MULTISENSOR | | | 3100 | 3100E | 3100-1 | BLDG. WALL | ACC MNT | |



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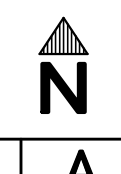
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Project Title
 IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
 COMMUNICATIONS SITE PLAN - Q1

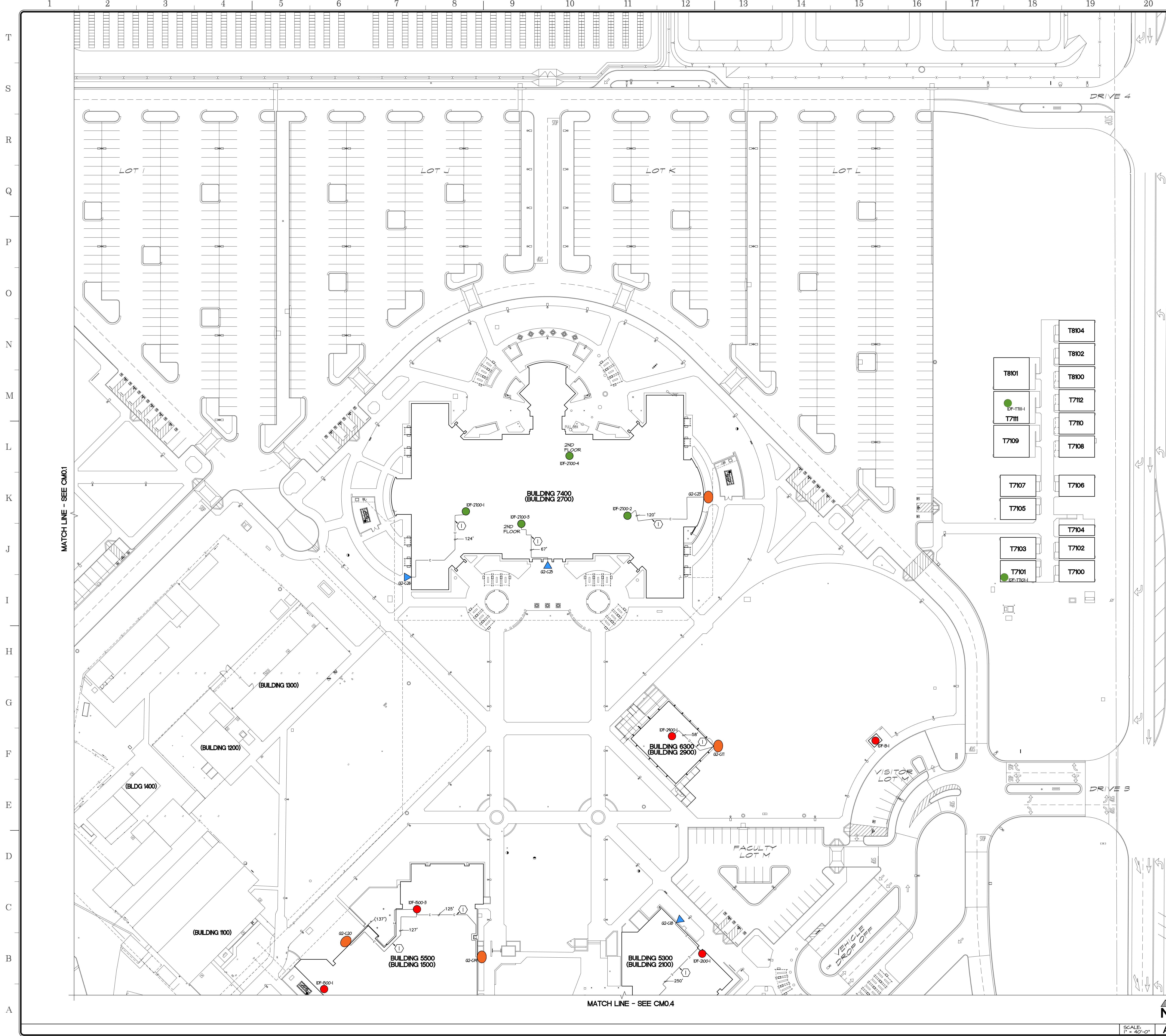
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| | Document Date | Project Number |
| | 04-09-25 | 23-061V |
| | Date Last Revised | Sheet Number |
| | | CM0.1 |

SCALE: 1" = 40'-0"



MATCH LINE - SEE CM0.3

MATCH LINE - SEE CM0.2

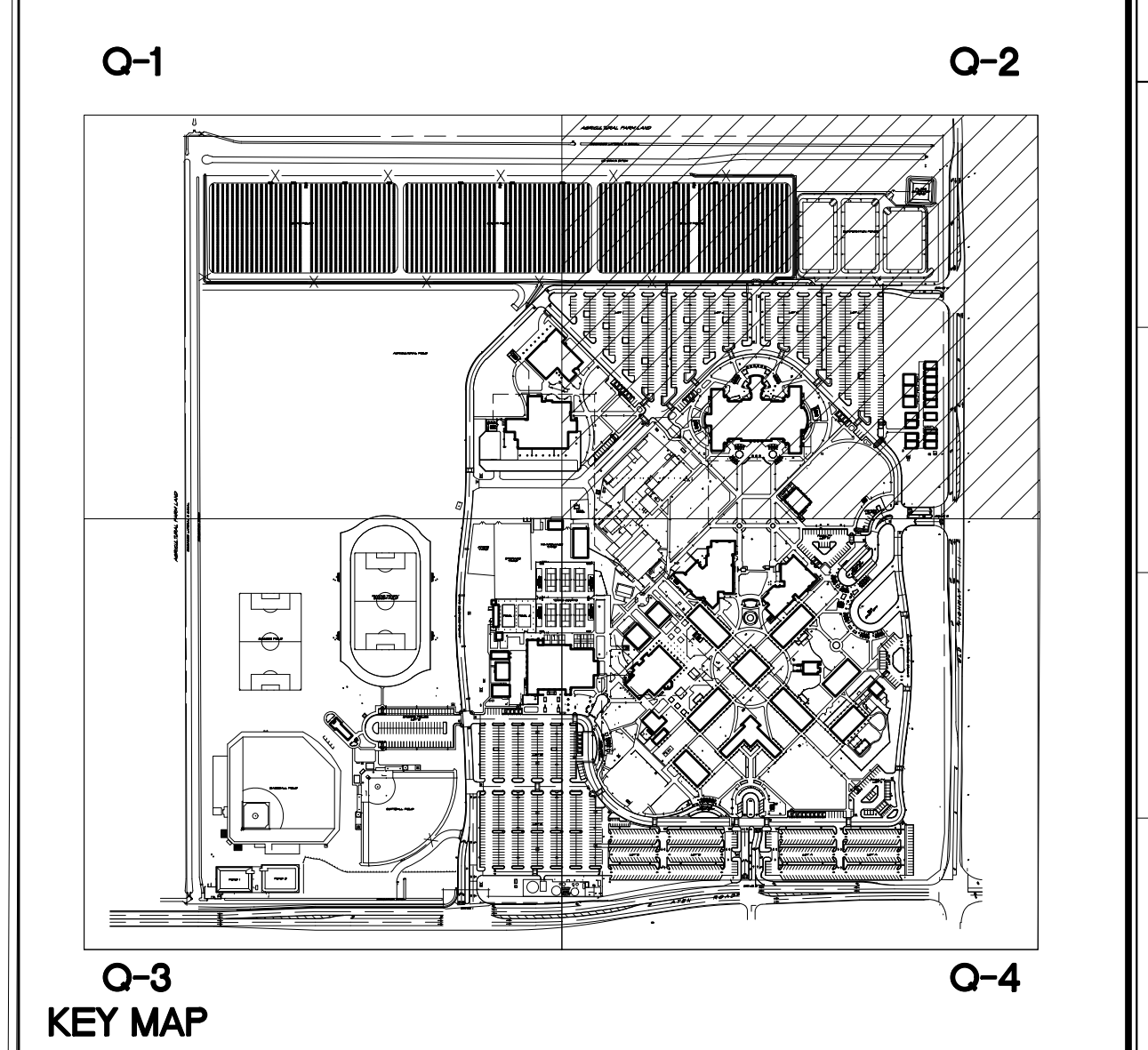


- APPROVALS**
- LEGEND:**
- ◆ FIXED CAMERA
 - FIXED FISH EYE CAMERA
 - ▲ MULTISENSOR CAMERA
 - IDF ROOM
 - (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
 - CAT6 CABLE
 - (x) APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
 - (x') APPROX. HORIZONTAL DISTANCE FROM CAMERA TO IDF - ALTERNATE OUTDOORS INSTALLATION

- KEYNOTES**
- ① PROVIDE CAT 6 CABLE

| CAMERA NO. | TYPE | FOE | FI | BUILDING | ROOM | IDF NO. | CAMERA LOCATION | MOUNT TYPE | ACC PER (Q2) |
|------------|----------------|-----|----|----------|-------|------------|-----------------|------------|--------------|
| Q2-C7 | FIXED-FISH EYE | | | 2100 | --- | IDF-2100-1 | BLDG. HALL | ACC HNTT | |
| Q2-C8 | MULTISENSOR | | | 2100 | 2161 | IDF-2100-2 | BLDG. HALL | ACC HNTT | |
| Q2-C8 | FIXED-FISH EYE | | | 1500 | 152B | IDF-1500-3 | BLDG. HALL | ACC HNTT | |
| Q2-C20 | FIXED-FISH EYE | | | 1500 | 152B | IDF-1500-3 | BLDG. HALL | ACC HNTT | |
| Q2-C23 | FIXED-FISH EYE | | | 2100 | 2130B | IDF-2100-2 | BLDG. HALL | ACC HNTT | |
| Q2-C25 | MULTISENSOR | | | 2100 | 2100B | IDF-2100-3 | BLDG. SOFFIT | NONE | |
| Q2-C26 | MULTISENSOR | | | 2100 | 2100C | IDF-2100-1 | BLDG. SOFFIT | NONE | |

- NOTES:**
- a. RUN CAT6 CABLE FROM IDF AT MUSIC LAB TO RELO T8104 FOR NEW MULTISENSOR CAMERA
 - b. USE EXISTING PATHWAYS
 - c. VERIFY DATA DROP AT T8104



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Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

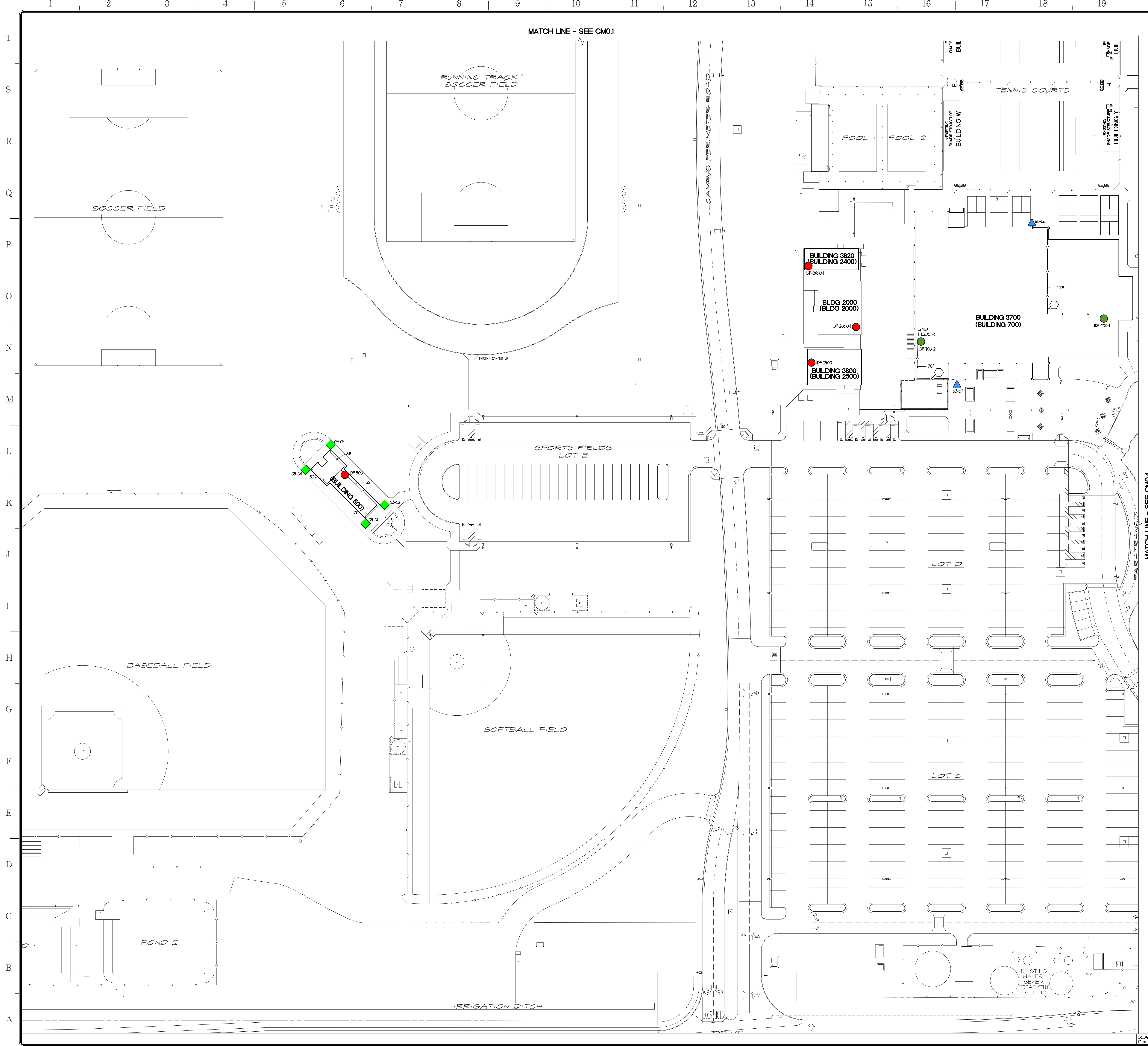
Sheet Title
COMMUNICATIONS SITE PLAN - Q2

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|--|---------------------------|------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM0.2 |

SCALE: 1" = 40'-0"

MATCH LINE - SEE CM0.1

MATCH LINE - SEE CM0.4



APPROVALS

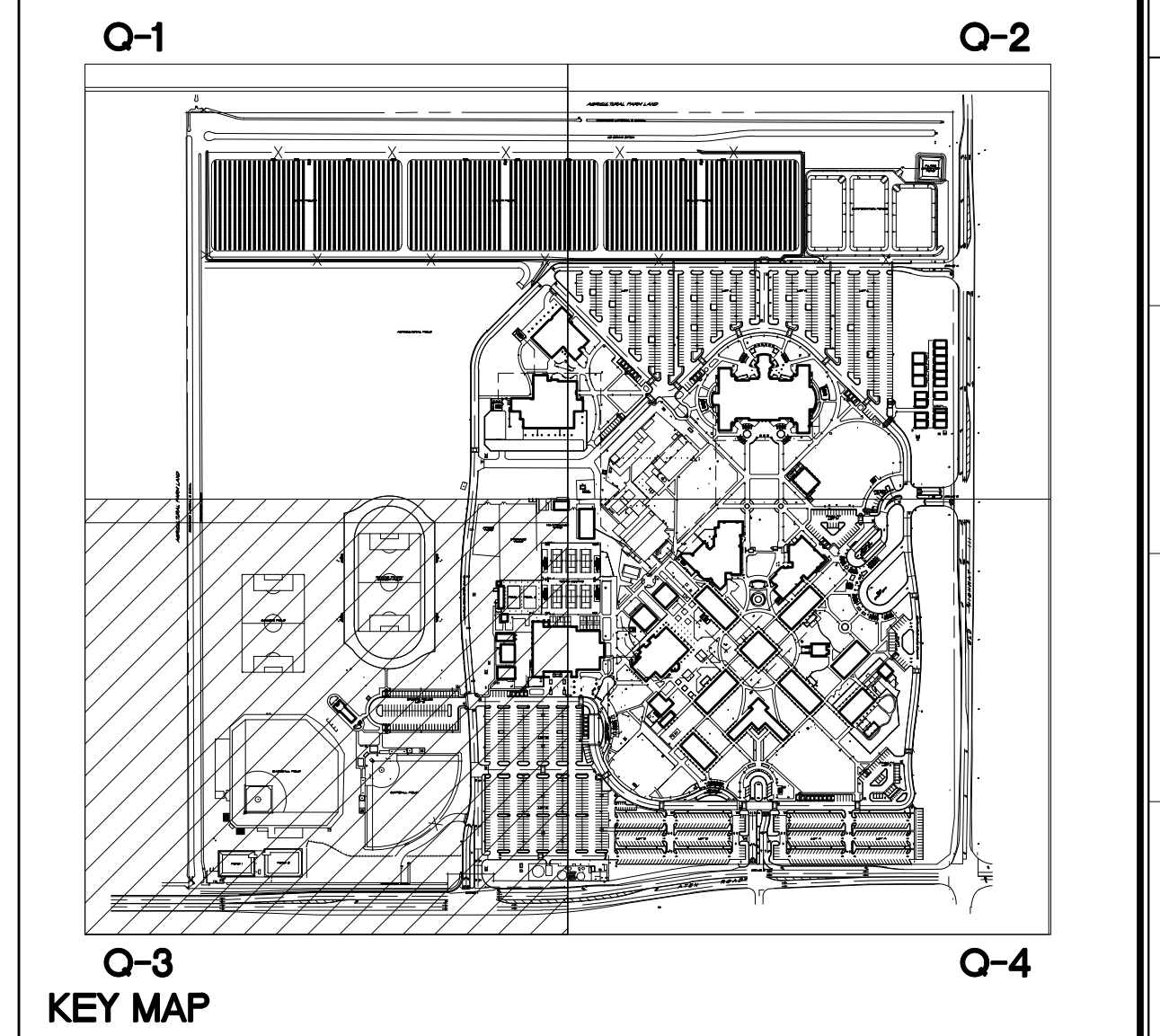
LEGEND:

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- "x" APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

KEYNOTES

- ① PROVIDE CAT 6 & CABLE

| CAMERA NO. | CAMERA TYPE | FORESIGHT REQUIRED | IDF ROOM NO. | CAMERA LOCATION | MOUNT TYPE (A-E) | PER (Q3) |
|------------|-------------|--------------------|-----------------------|-----------------|------------------|----------|
| Q3-C1 | FIXED-BULLE | | 500 50B 500-1 | BLDG. HALL | ACC | INDI |
| Q3-C2 | FIXED-BULLE | | 500 50B 500-1 | BLDG. HALL | ACC | INDI |
| Q3-C3 | FIXED-BULLE | | 500 50B 500-1 | BLDG. HALL | ACC | INDI |
| Q3-C4 | FIXED-BULLE | | 500 50B 500-1 | BLDG. HALL | ACC | INDI |
| Q3-C6 | MULTISENSOR | | 700 704 700-1 | BLDG. HALL | ACC | INDI |
| Q3-C7 | MULTISENSOR | | 700 (2ND FLOOR) 700-2 | BLDG. HALL | ACC | INDI |



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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
COMMUNICATIONS SITE PLAN - Q3

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|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM0.3 |

SCALE: 1" = 40'-0"

MATCH LINE - SEE CM0.2

APPROVALS

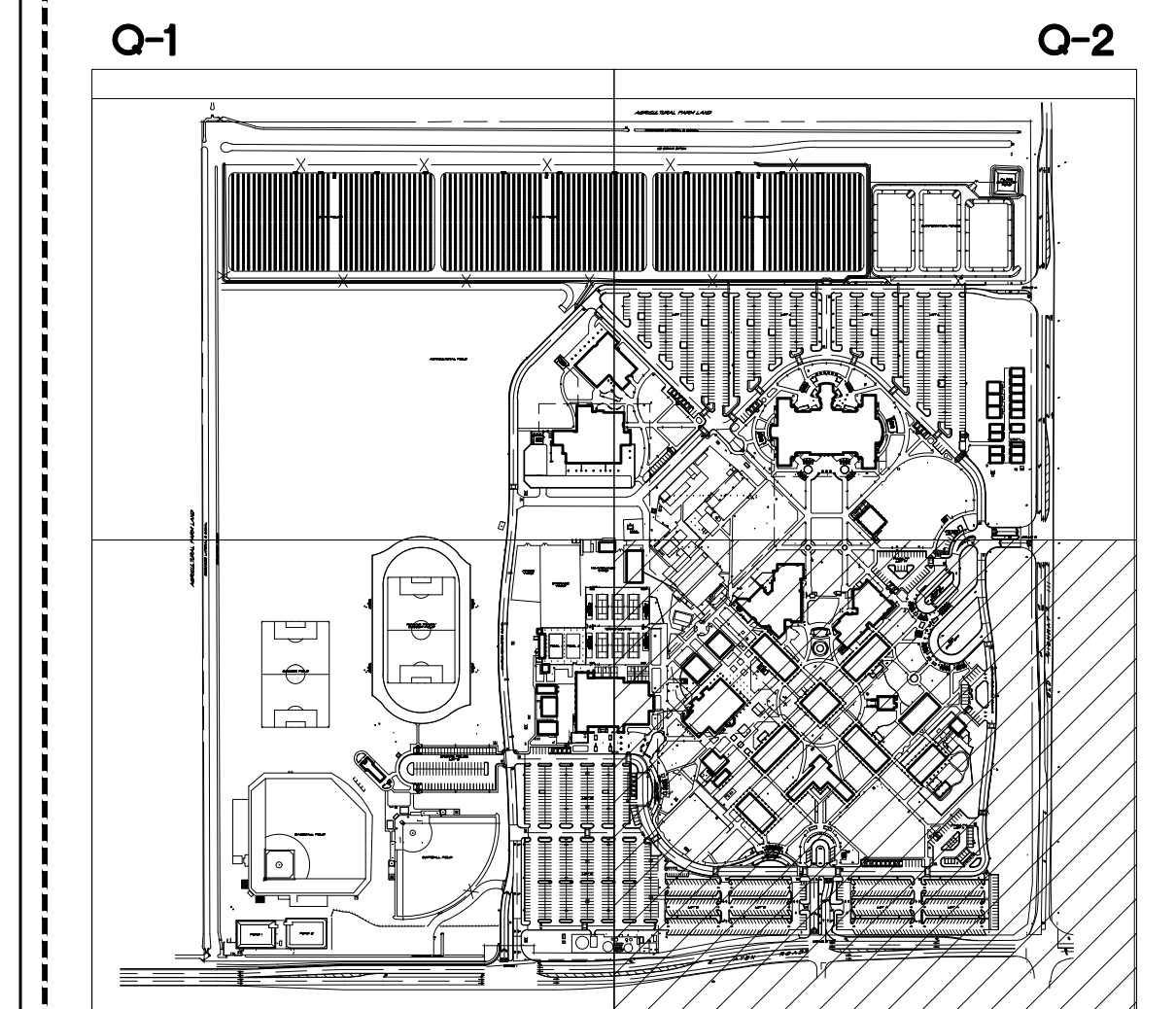
LEGEND:

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- (x) APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- (x) APPROX. HORIZONTAL DISTANCE FROM CAMERA TO IDF - ALTERNATE OUTDOORS INSTALLATION

KEYNOTES

- ① PROVIDE CAT 6 CABLE

| CAMERA NO. | CAMERA TYPE | ROOM NO. | BUILDING | IDF NO. | BUILDING | IDF NO. | CAMERA LOCATION | ACC. INT. | MOUNT TYPE |
|------------|----------------|----------|----------|---------|----------|---------|-----------------|-----------|------------|
| 04-C1 | MULTISENSOR | | 1500 | 1510 | 1500-2 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C2 | MULTISENSOR | | 2100 | 2161 | 2100-2 | | BLDG. SOFFIT | NONE | NONE |
| 04-C3 | FIXED-BULLE | | 2100 | 2161 | 2100-2 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C4 | MULTISENSOR | | 400 | 409 | 400-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C5 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C6 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C7 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C8 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C9 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C10 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C11 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C12 | MULTISENSOR | | 100 | 105B | 100-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C13 | FIXED-FISH EYE | | 200 | 214 | 2100-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C14 | FIXED-FISH EYE | | 200 | 214 | 2100-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C15 | MULTISENSOR | | 200 | 214 | 2100-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C16 | FIXED-BULLE | | 2200 | 2211 | 2200-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C17 | MULTISENSOR | | 2600 | 2607 | 2600-5 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C18 | FIXED-BULLE | | 10/40 | 1 | 10/40-2 | | HALL CORNER | ACC. INT. | ACC. INT. |
| 04-C19 | FIXED-BULLE | | 10/40 | 16 | 10/40-3 | | HALL CORNER | ACC. INT. | ACC. INT. |
| 04-C20 | MULTISENSOR | | 400 | 403H | 400-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C21 | MULTISENSOR | | 400 | 403H | 400-1 | | BLDG. SOFFIT | NONE | NONE |
| 04-C22 | FIXED-FISH EYE | | 600 | 621 | 600-1 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C23 | FIXED-FISH EYE | | 1000 | 1001 | 1000-1 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C24 | FIXED-FISH EYE | | 1000 | 1001 | 1000-1 | | BLDG. HALL | ACC. INT. | ACC. INT. |
| 04-C25 | FIXED-FISH EYE | | 1000 | 1001 | 1000-1 | | BLDG. HALL | ACC. INT. | ACC. INT. |



KEY MAP

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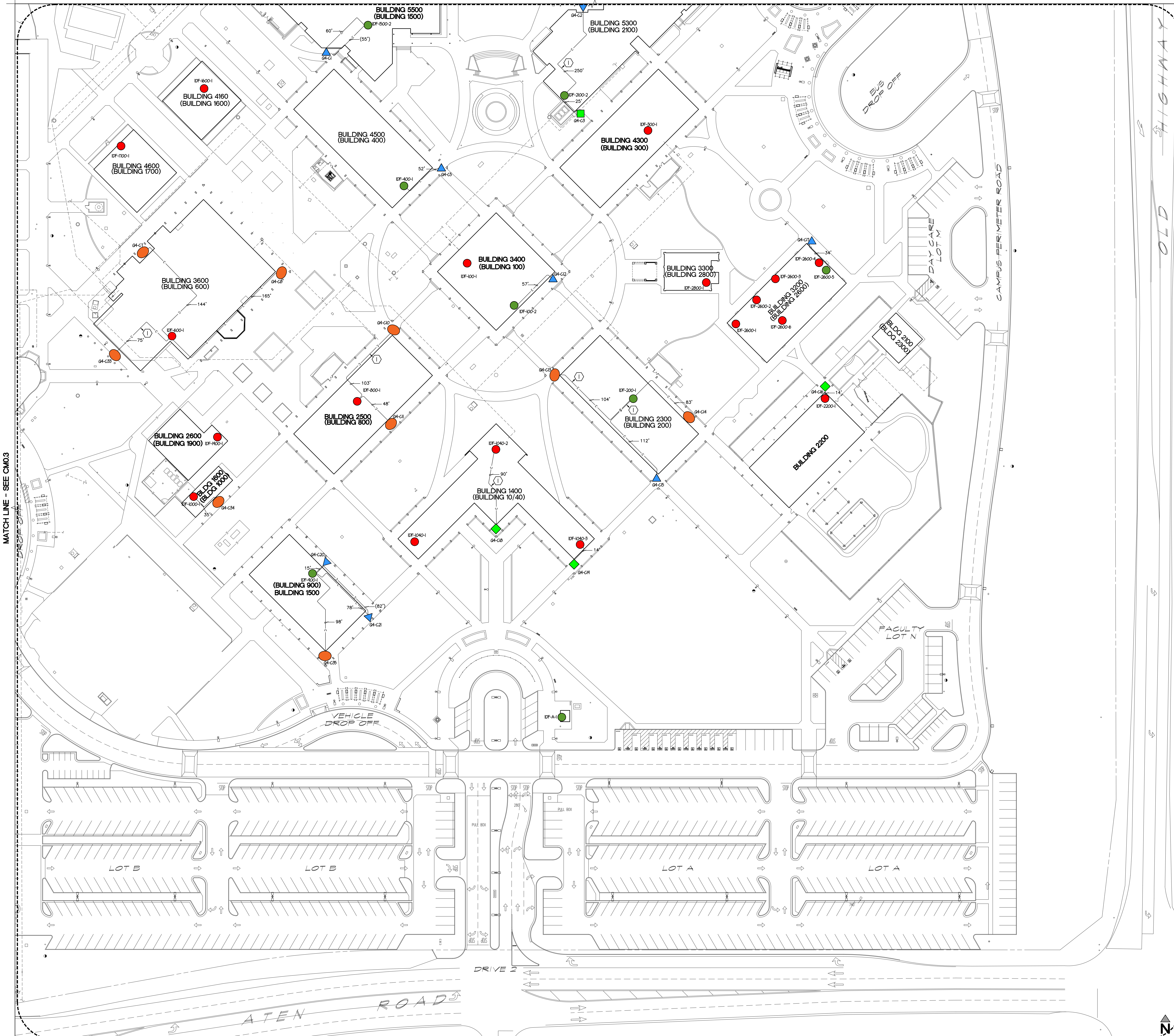
Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

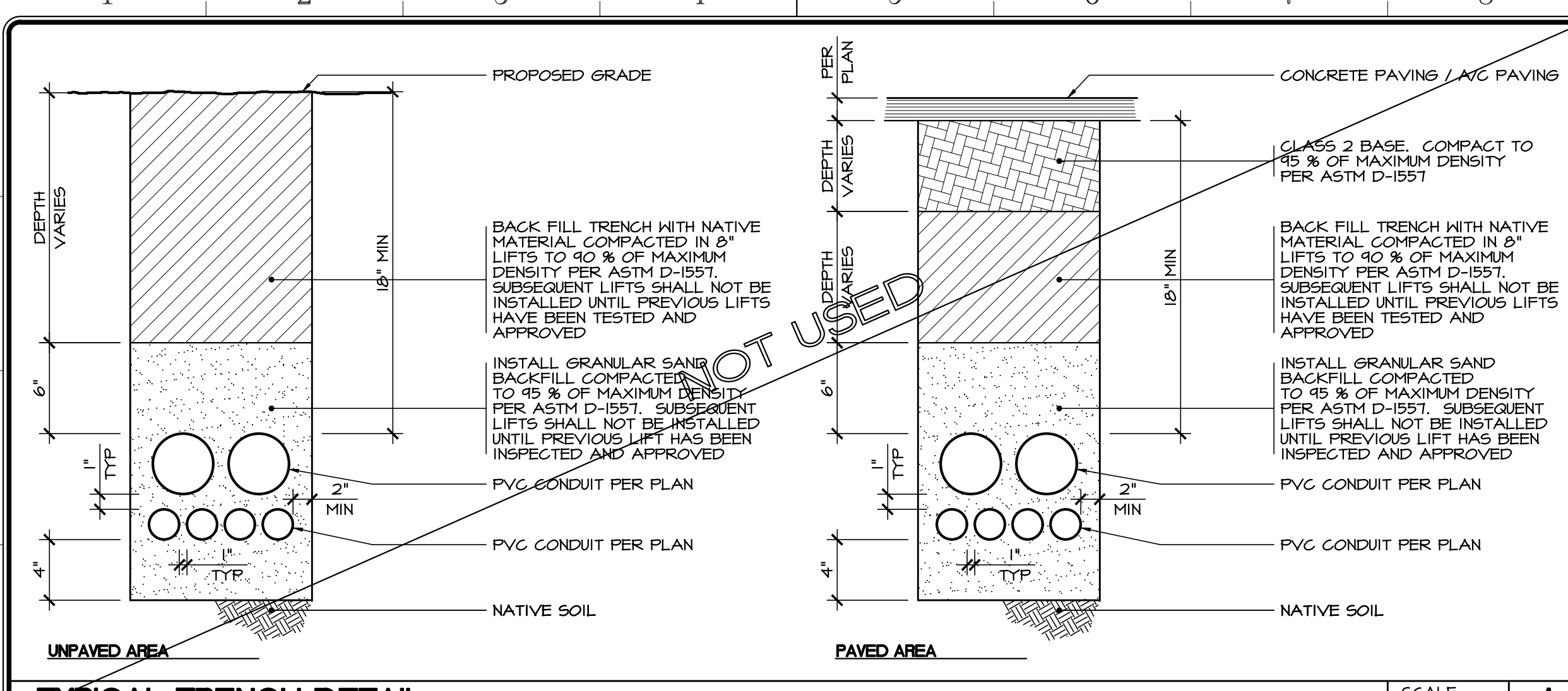
Sheet Title
COMMUNICATIONS SITE PLAN - Q4

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|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM0.4 |

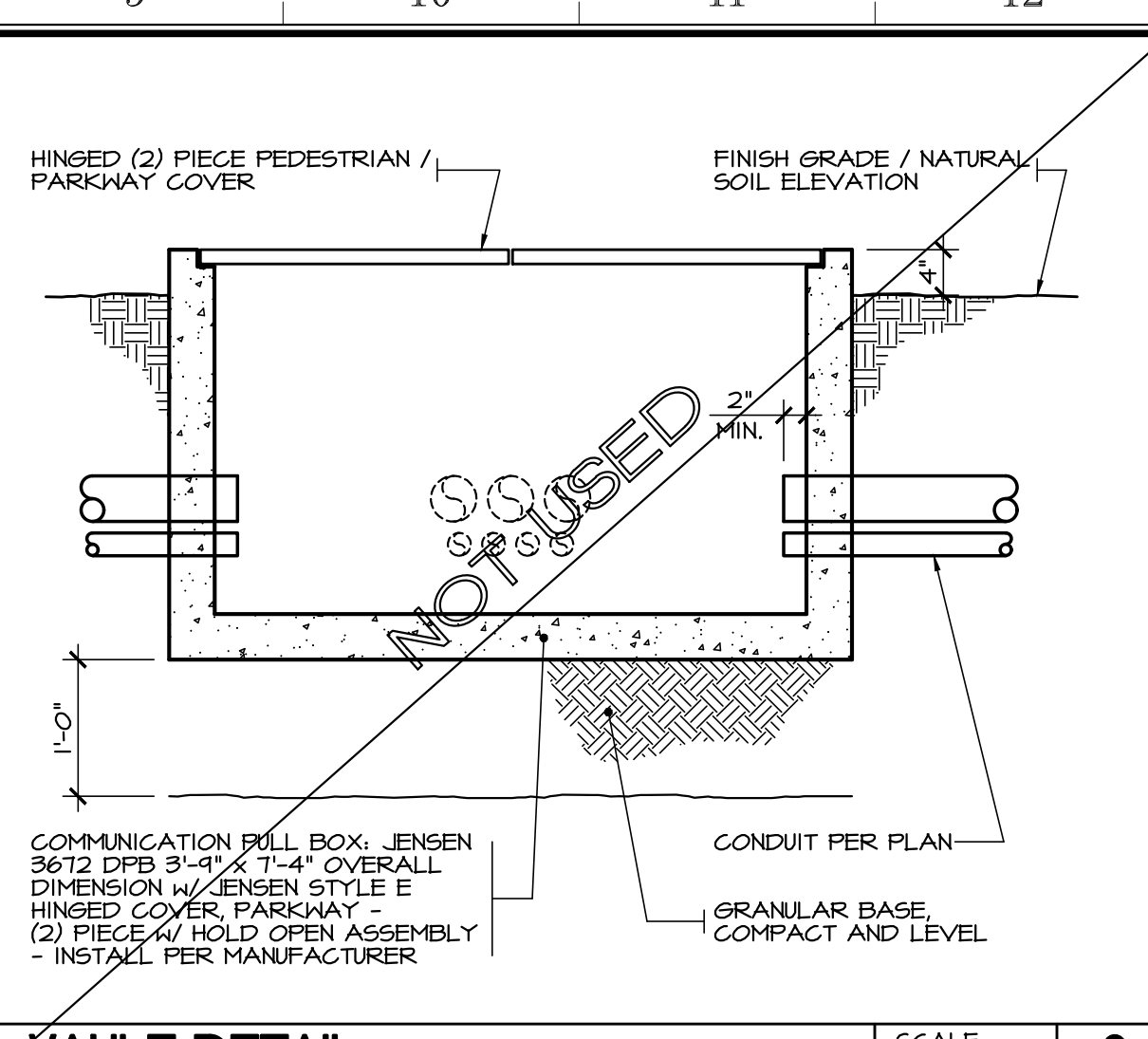
SCALE: 1" = 40'-0"

MATCH LINE - SEE CM0.3

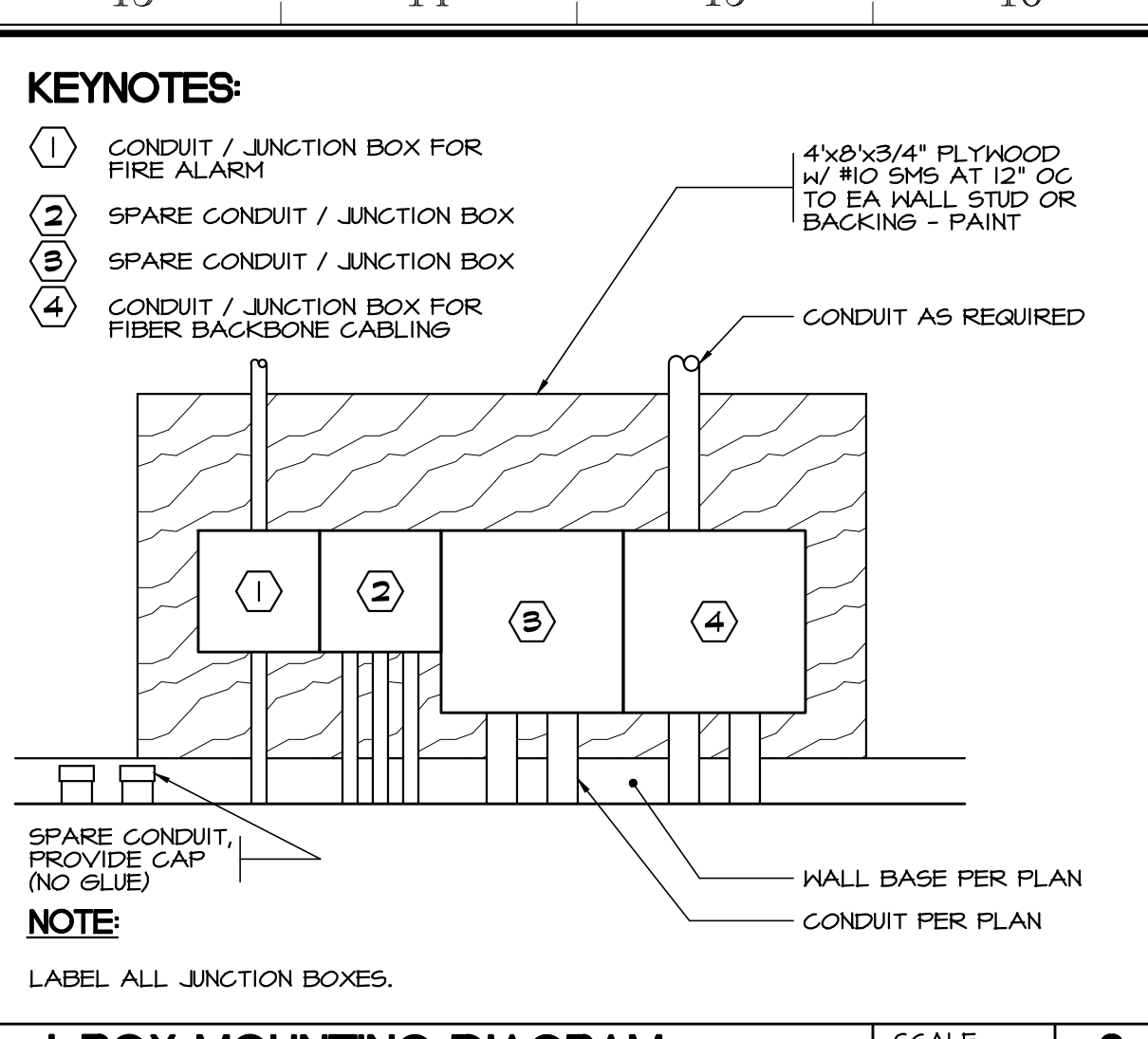




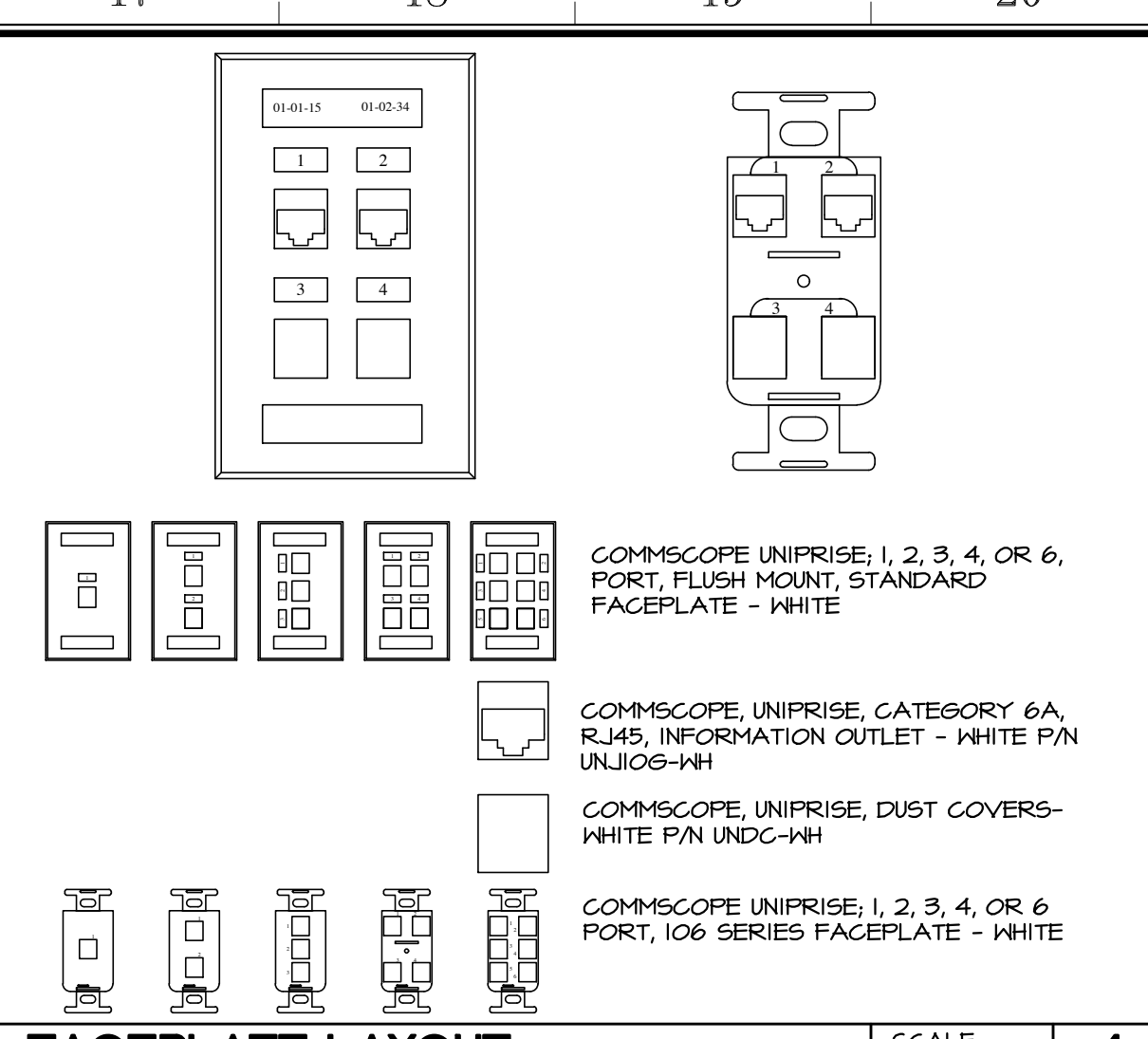
TYPICAL TRENCH DETAIL SCALE: 1/2" = 1'-0" 1



VAULT DETAIL SCALE: NTS 2

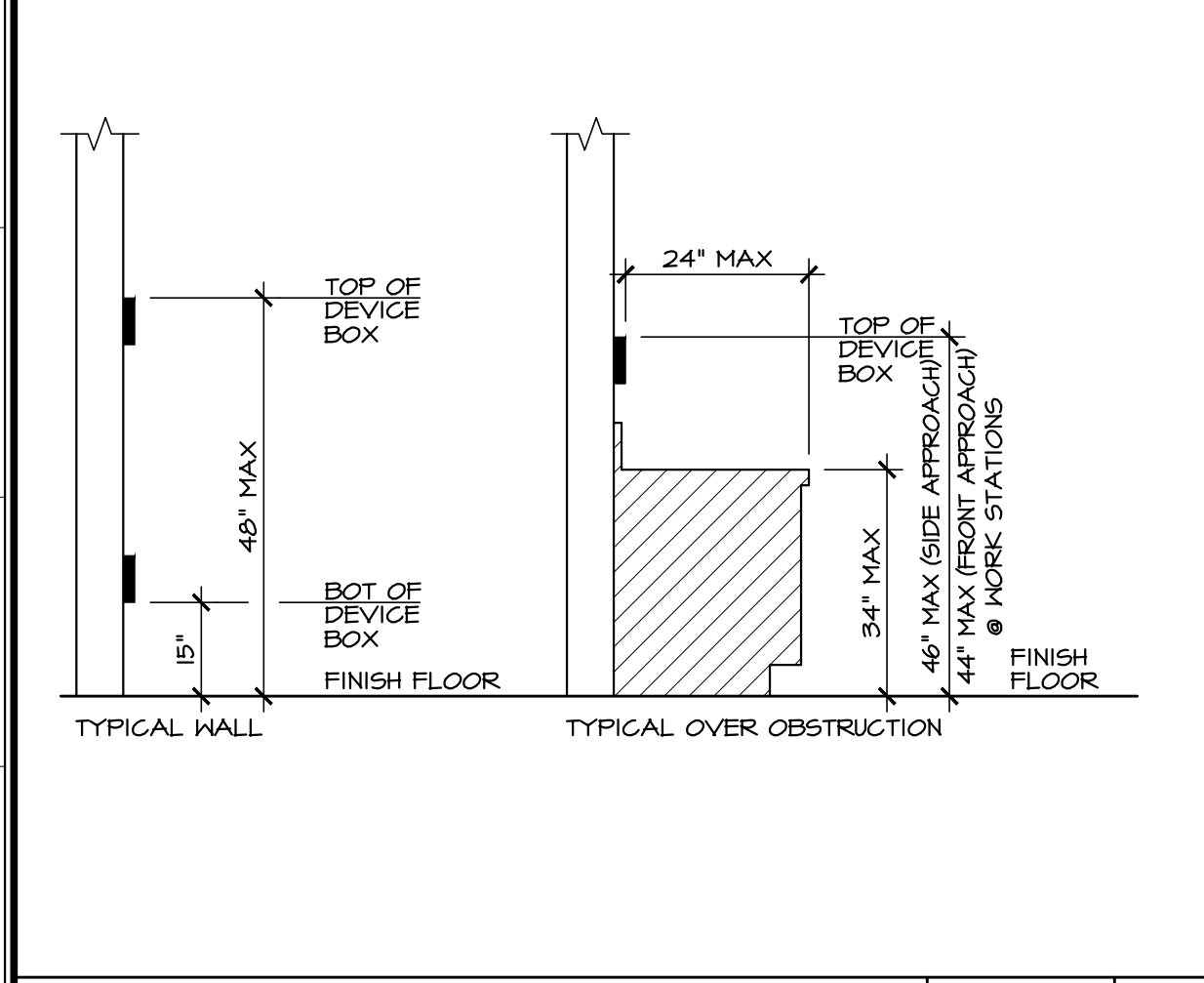


J-BOX MOUNTING DIAGRAM SCALE: NTS 3

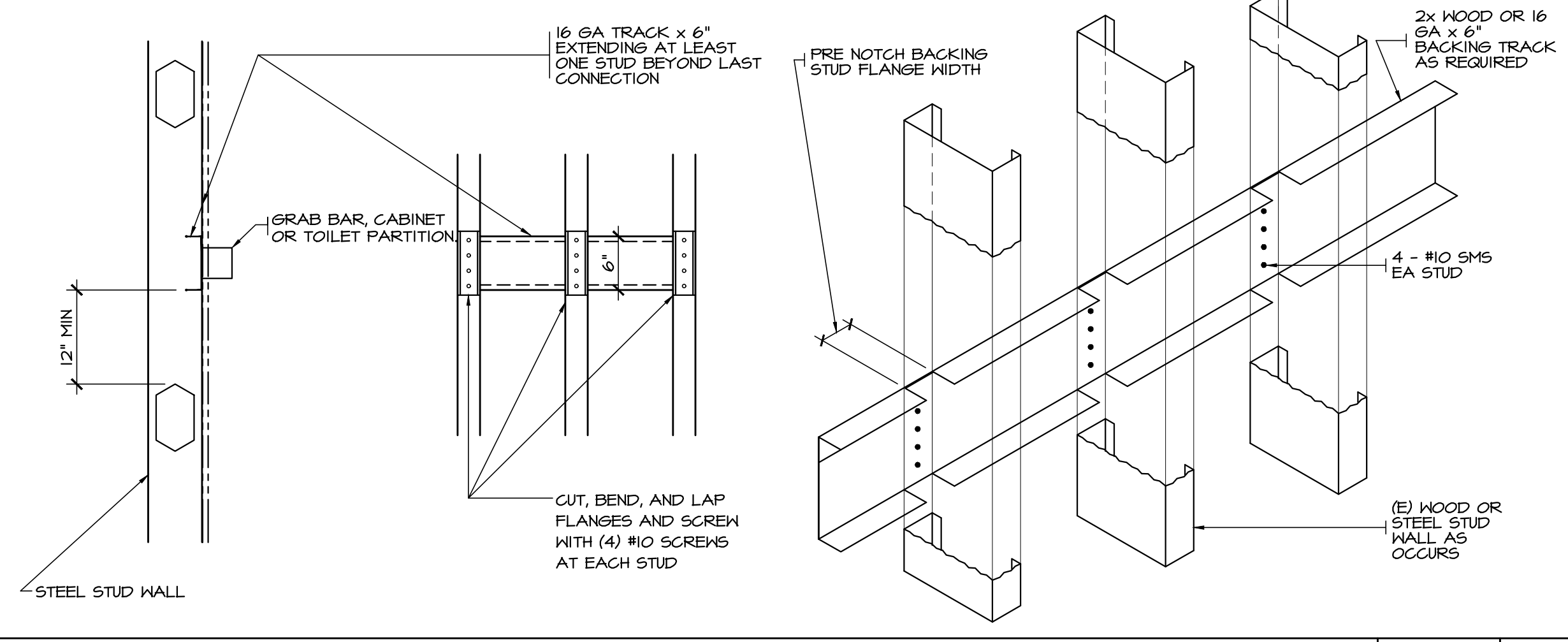


FACEPLATE LAYOUT SCALE: NTS 4

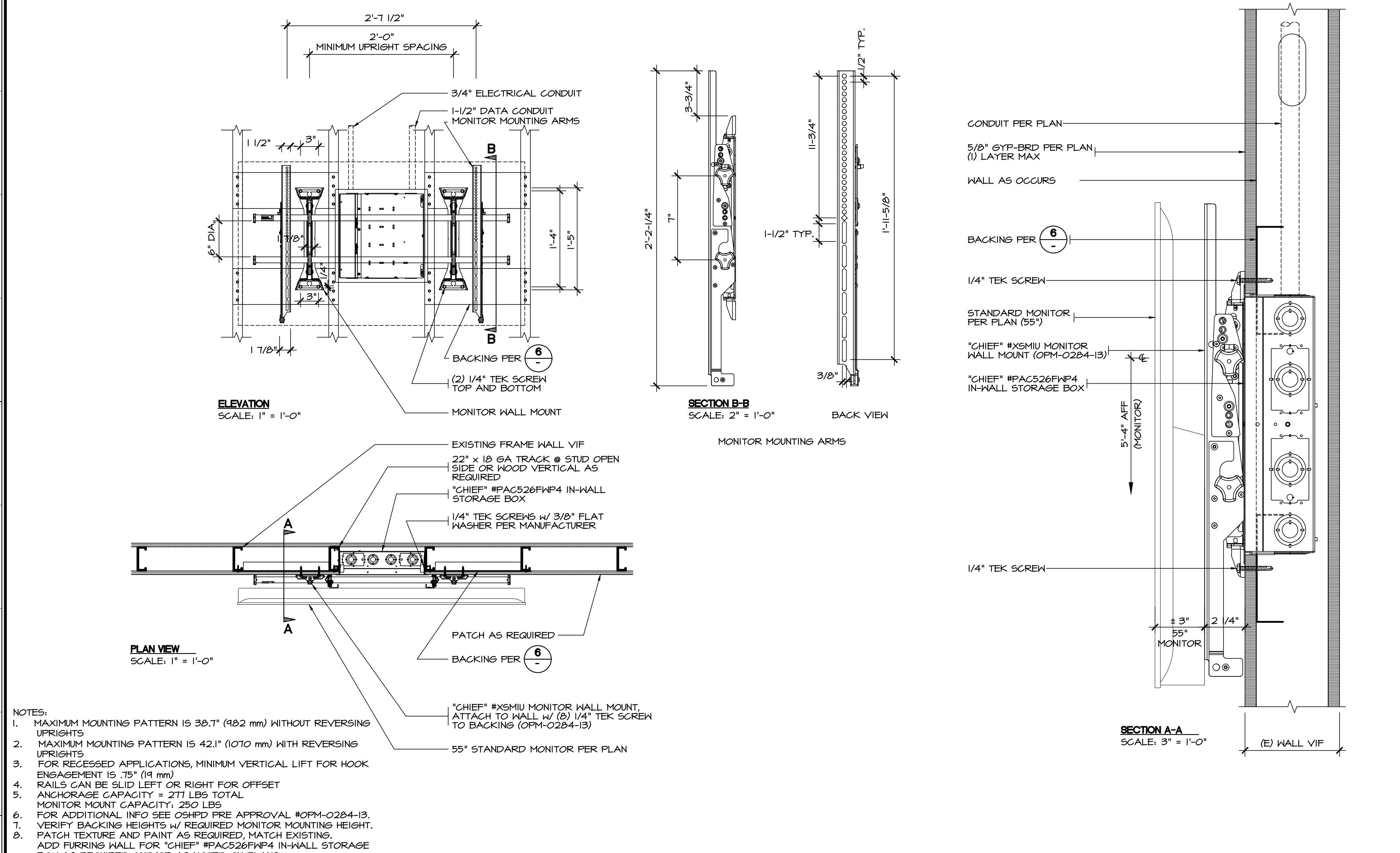
APPROVALS



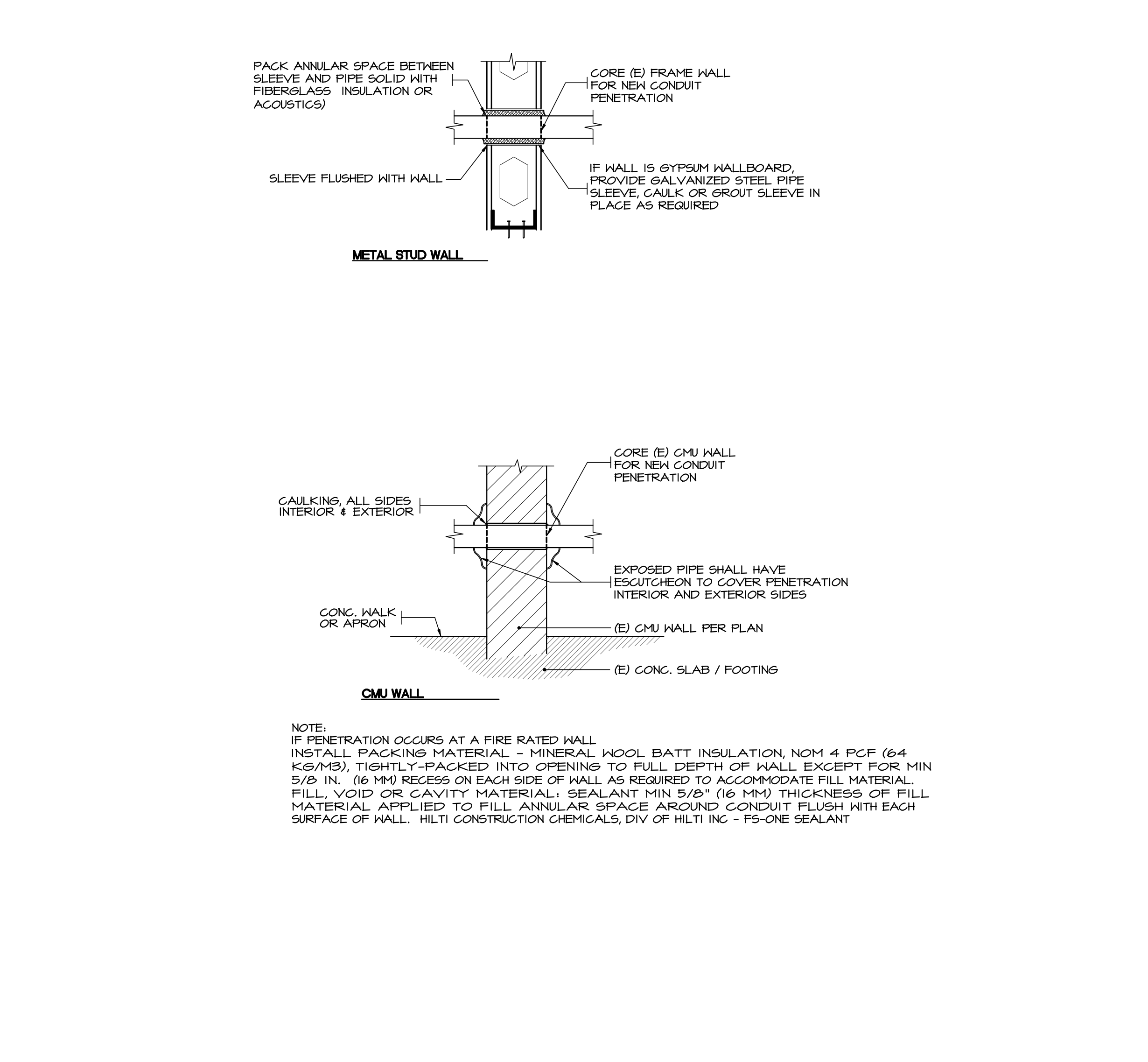
TYPICAL MOUNTING HEIGHTS SCALE: NTS 5



TYPICAL BACKING SCALE: NTS 6



MONITOR WALL MOUNTING - STANDARD SCALE: NOTED 7



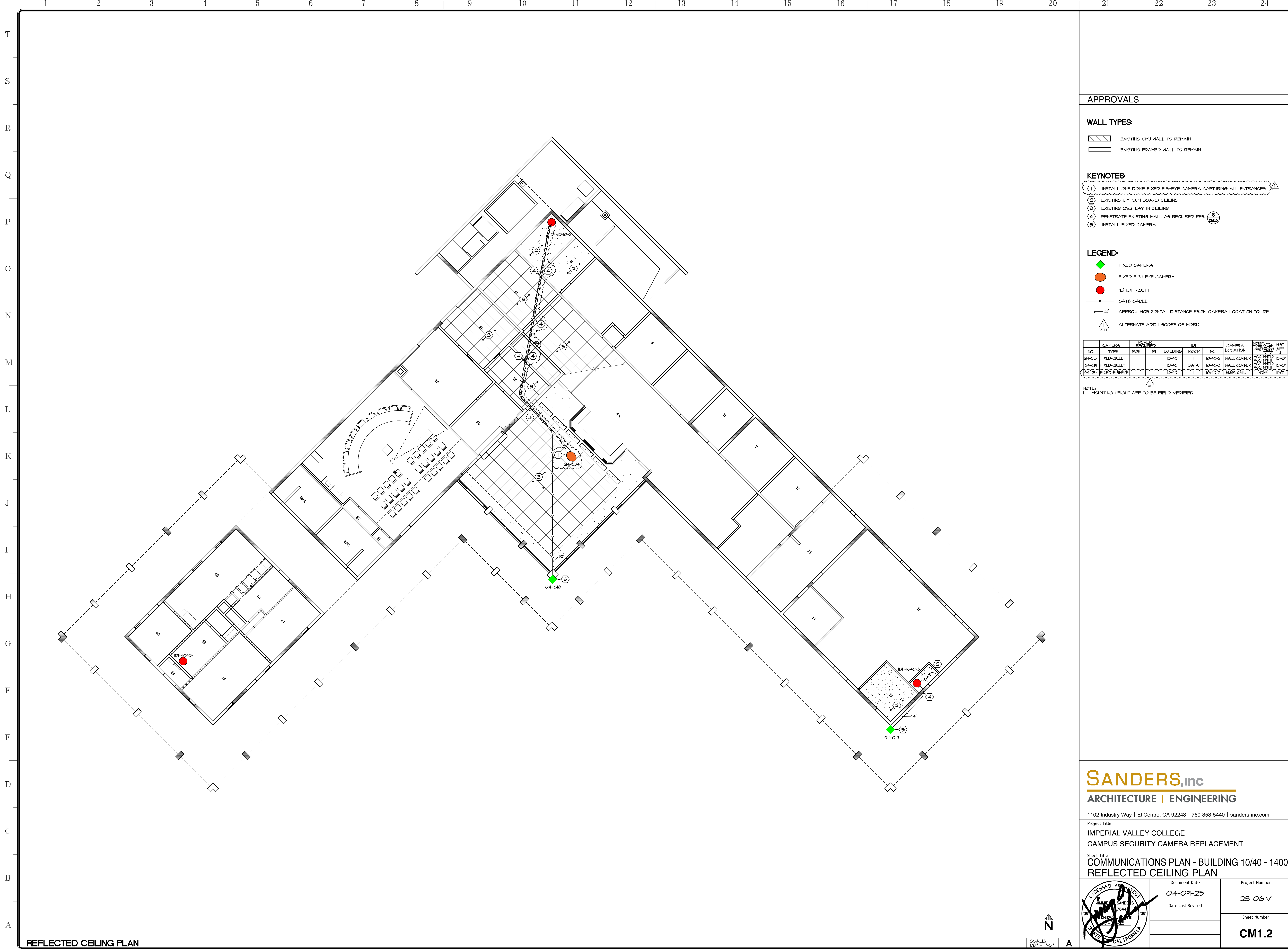
CONDUIT WALL PENETRATION DETAILS SCALE: NTS 8

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Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
COMMUNICATIONS DETAILS

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM0.5 |



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL ONE DOME FIXED FISHEYE CAMERA CAPTURING ALL ENTRANCES
- ② EXISTING GYPSUM BOARD CEILING
- ③ EXISTING 2x2' LAY IN CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER
- ⑤ INSTALL FIXED CAMERA

LEGEND:

- FIXED CAMERA
- FIXED FISH EYE CAMERA
- (E) IDF ROOM
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POE | PI | BUILDING | ROOM | IDF NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF |
|------------|---------------|-----|----|----------|------|---------|-----------------|------------|---------|
| G4-CB | FIXED-BULLET | | | 10/40 | I | 10/40-2 | HALL CORNER | ACC. BRITN | 10'-0" |
| G4-CR | FIXED-BULLET | | | 10/40 | DATA | 10/40-3 | HALL CORNER | ACC. BRITN | 10'-0" |
| G4-CB4 | FIXED-FISHEYE | | | 10/40 | I | 10/40-2 | SUSP. CEIL. | ACC. BRITN | 11'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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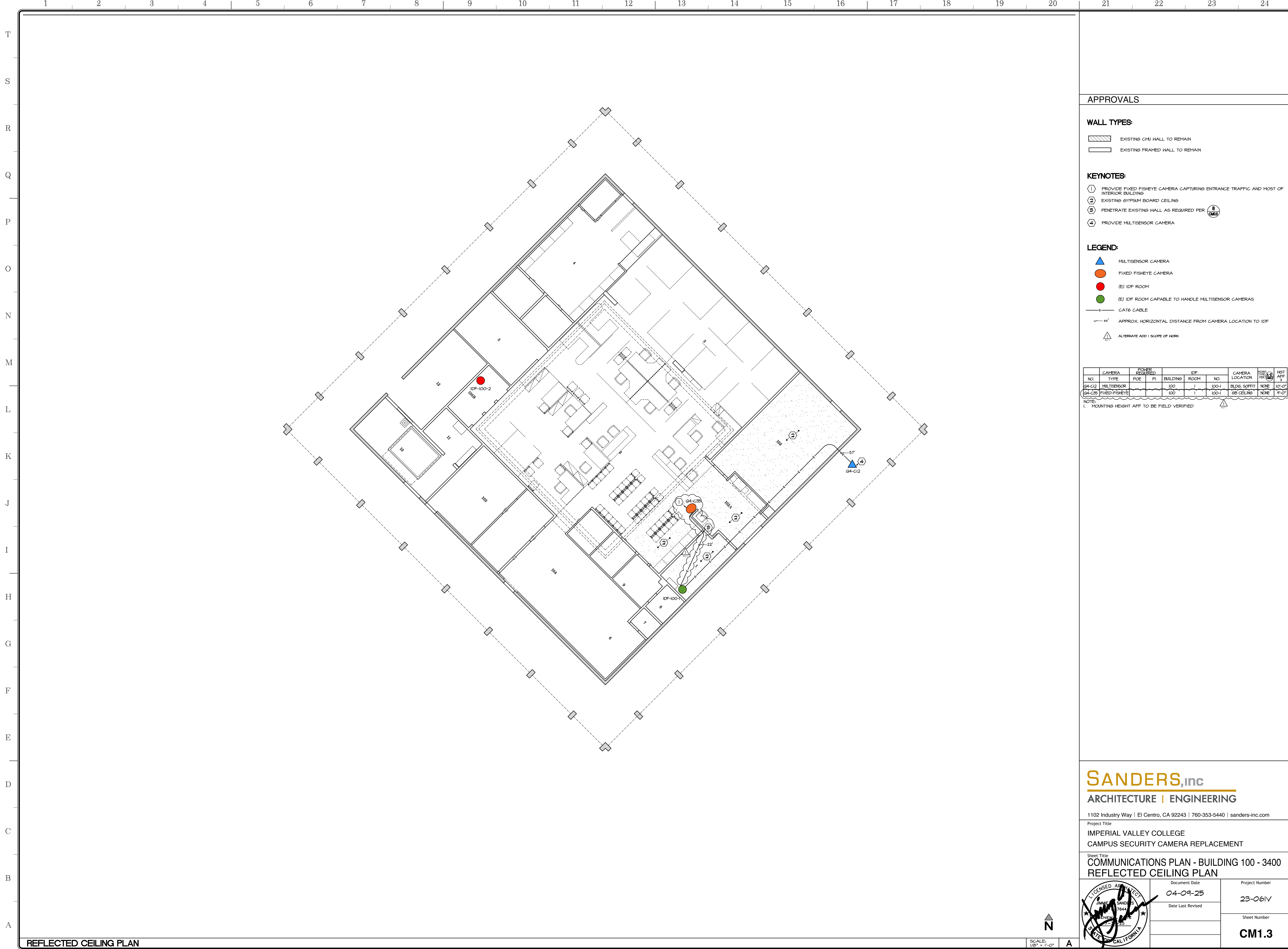
Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 10/40 - 1400
REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.2 |

REFLECTED CEILING PLAN

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



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING
- ② EXISTING GYPSUM BOARD CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER
- ④ PROVIDE MULTISENSOR CAMERA

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD 1 SCOPE OF WORK

| NO. | CAMERA TYPE | ROOMS REQUIRED | | BUILDING | ROOM | IDF NO. | CAMERA LOCATION | HGT PER AFF | HGT AFF |
|--------|---------------|----------------|----|----------|------|---------|-----------------|-------------|---------|
| | | POE | PI | | | | | | |
| 04-C12 | MULTISENSOR | | | 100 | 1 | 100-1 | BLDG. SOFFIT | NONE | 10'-0" |
| 04-C28 | FIXED-FISHEYE | | | 100 | 1 | 100-1 | GB CEILING | NONE | 4'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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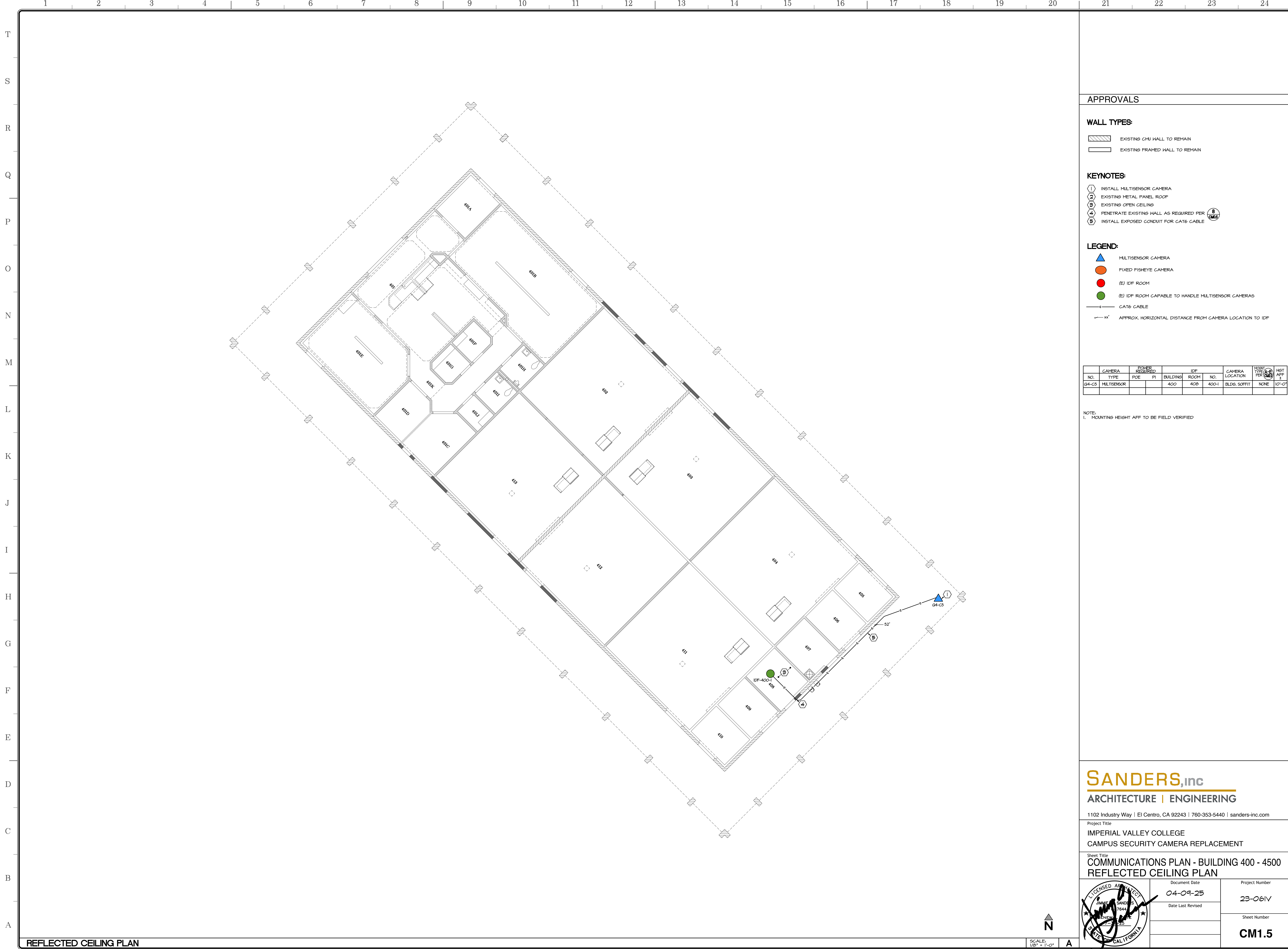
Project Title
IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
COMMUNICATIONS PLAN - BUILDING 100 - 3400
REFLECTED CEILING PLAN

| | | |
|--|---------------------------|---------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.3 |

REFLECTED CEILING PLAN

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



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL MULTISENSOR CAMERA
- ② EXISTING METAL PANEL ROOF
- ③ EXISTING OPEN CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER
- ⑤ INSTALL EXPOSED CONDUIT FOR CAT6 CABLE

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

| CAMERA NO. | CAMERA TYPE | POWER POE | POWER FI | BUILDING | IDF ROOM NO. | IDF NO. | CAMERA LOCATION | MOUNT TYPE PER AFF | HGT AFF |
|------------|-------------|-----------|----------|----------|--------------|---------|-----------------|--------------------|---------|
| G4-C5 | MULTISENSOR | | | 400 | 408 | 400-1 | BLDS. SOFFIT | NONE | 10'-0" |

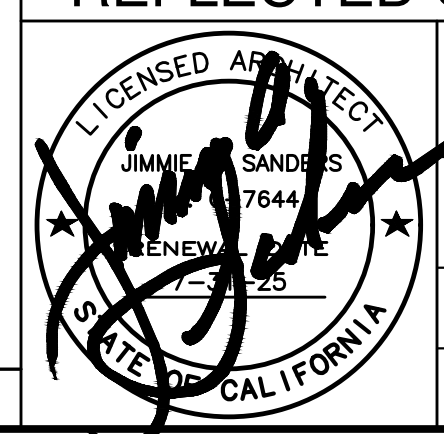
NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

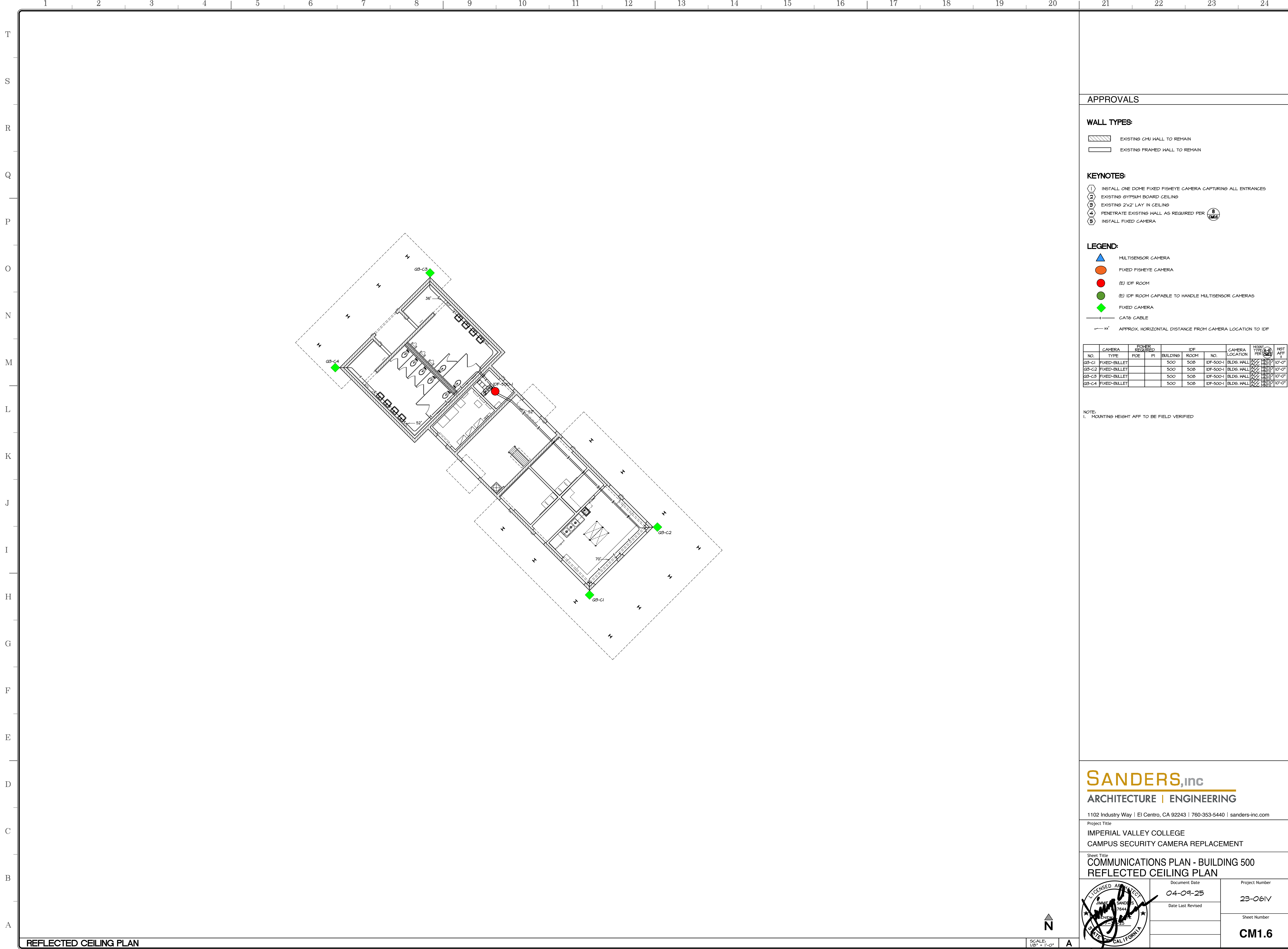
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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 400 - 4500
REFLECTED CEILING PLAN**

| | | |
|---|----------------------------------|----------------------------------|
|  | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.5 |



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL ONE DOME FIXED FISHEYE CAMERA CAPTURING ALL ENTRANCES
- ② EXISTING GYPSUM BOARD CEILING
- ③ EXISTING 2x2" LAY IN CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER
- ⑤ INSTALL FIXED CAMERA

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- FIXED CAMERA
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

| CAMERA NO. | CAMERA TYPE | ROOM REQUIRED POE | ROOM NO. | IDF ROOM NO. | CAMERA LOCATION | MOUNT TYPE | MOUNT HEIGHT AFF |
|------------|---------------|-------------------|----------|--------------|-----------------|------------|------------------|
| GB-C1 | FIXED-BULLETT | | 500 | 500 | IDF-500-1 | CEILING | 10'-0" |
| GB-C2 | FIXED-BULLETT | | 500 | 500 | IDF-500-1 | CEILING | 10'-0" |
| GB-C3 | FIXED-BULLETT | | 500 | 500 | IDF-500-1 | CEILING | 10'-0" |
| GB-C4 | FIXED-BULLETT | | 500 | 500 | IDF-500-1 | CEILING | 10'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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Project Title
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CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
COMMUNICATIONS PLAN - BUILDING 500
REFLECTED CEILING PLAN

| | | |
|--|---------------------------|------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.6 |



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING WOOD FRAME WALL TO REMAIN

KEYNOTES:

- ① INSTALL FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING
- ② INSTALL FIXED BULLET CAMERA CAPTURING MOST OF INTERIOR BUILDING
- ③ EXISTING GYPSUM BOARD CEILING
- ④ EXISTING EXPOSED STRUCTURE CEILING
- ⑤ EXISTING METAL DECK CEILING
- ⑥ EXISTING DROPPED CEILING
- ⑦ PENETRATE EXISTING WALL AS REQUIRED PER ⑧
- ⑧ INSTALL FIXED FISHEYE CAMERA AT EXTERIOR
- ⑨ INSTALL EXPOSED CONDUIT FOR CAT6 CABLE

LEGEND:

- FIXED CAMERA - BULLET
- FIXED FISHEYE CAMERA
- IDF ROOM
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD | SCOPE OF WORK

| NO. | CAMERA TYPE | POWER REQUIRED PDE | PI | BUILDING | ROOM | NO. | CAMERA LOCATION | POINT TYPE | HT AFF |
|-------|---------------|--------------------|----|----------|------|-------|-----------------|------------|--------|
| Q4-C1 | FIXED-FISHEYE | | | 600-3600 | 621 | 600-1 | INTER CANOPY | NONE | |
| Q4-C2 | FIXED-FISHEYE | | | 600-3600 | 621 | 600-1 | BLDG SOFFIT | NONE | |
| Q4-C3 | FIXED-FISHEYE | | | 600-3600 | 621 | 600-1 | BLDG HALL | ACC MNTD | |
| Q4-C4 | FIXED-BULLET | | | 600-3600 | 1 | 600-1 | BLDG SIDE | ACC MNTD | 10'-0" |
| Q4-C5 | FIXED-BULLET | | | 600-3600 | 1 | 600-1 | CMU WALL | ACC MNTD | 7'-6" |
| Q4-C6 | FIXED-FISHEYE | | | 600-3600 | 1 | 600-1 | CMU WALL | ACC MNTD | 10'-0" |

NOTES:

- 1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING
- 2. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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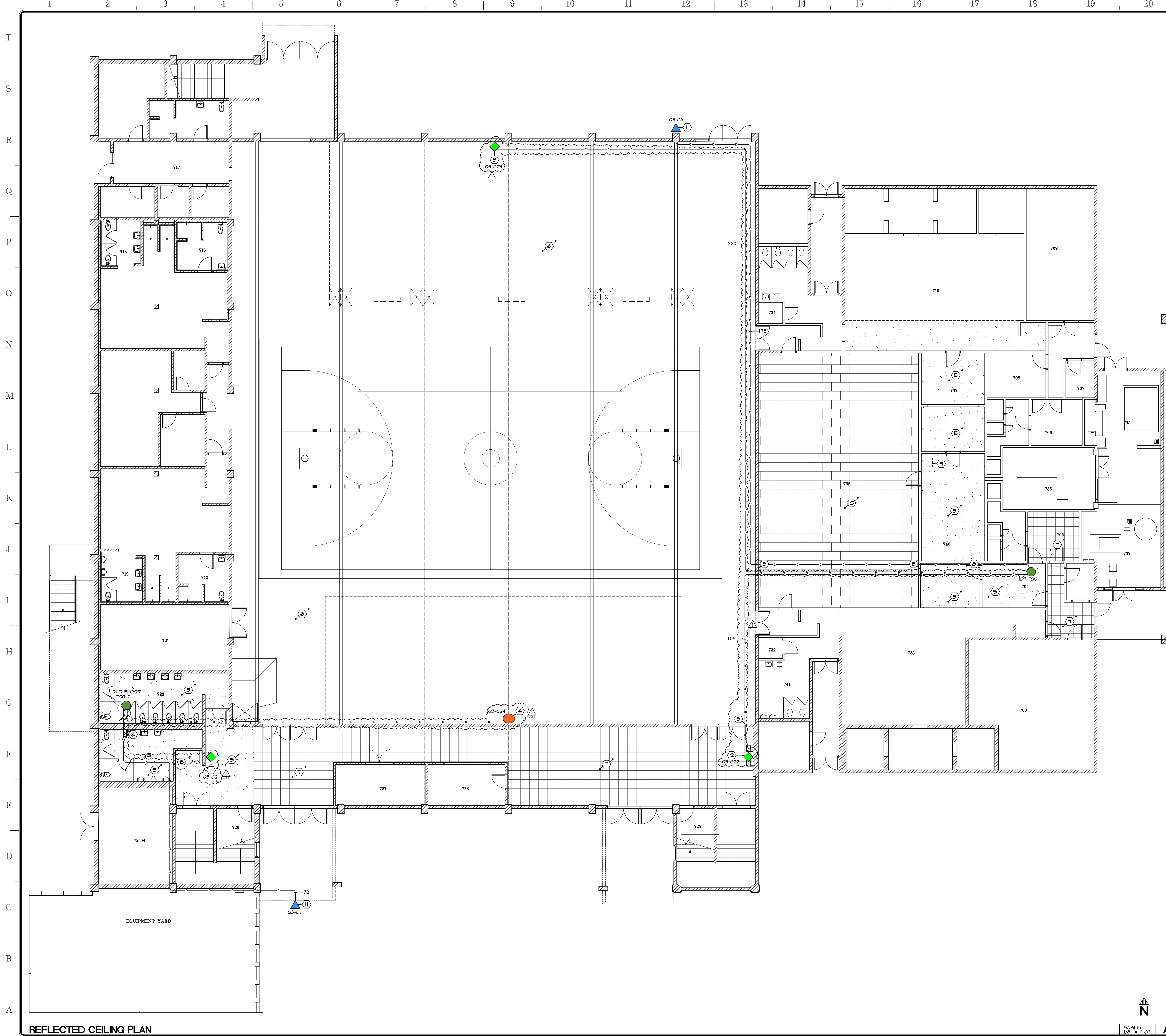
Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 600 - 3600
 REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.7 |

REFLECTED CEILING PLAN

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



APPROVALS

- WALL TYPES:**
- EXISTING CMU WALL TO REMAIN
 - EXISTING FRAMED WALL TO REMAIN

- KEYNOTES:**
- (1) PROVIDE FIXED BULLET CAMERA CAPTURING INTERIOR SW ENTRANCE
 - (2) PROVIDE FIXED BULLET CAMERA CAPTURING INTERIOR SE ENTRANCE
 - (3) PROVIDE FIXED BULLET CAMERA CAPTURING FROM NORTH SIDE OF COURT
 - (4) PROVIDE FIXED FISHEYE CAMERA CAPTURING FROM SOUTH SIDE OF COURT
 - (E) EXISTING GYPSUM BOARD CEILING
 - (T) EXISTING EXPOSED STRUCTURE CEILING
 - (B) EXISTING 2'x2' LAY IN CEILING
 - (G) PENETRATE EXISTING WALL AS REQUIRED PER (8) (a) (b)
 - (8) EXISTING ATTIC ACCESS
 - (9) EXISTING 2'x4" ACOUSTICAL CEILING
 - (11) PROVIDE MULTISENSOR CAMERA

- LEGEND:**
- MULTISENSOR CAMERA
 - FIXED CAMERA - BULLET
 - FIXED FISH EYE CAMERA
 - (E) IDF ROOM
 - (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
 - CAT6 CABLE
 - APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
 - ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POWER POE | POWER PI | BUILDING | IDF ROOM NO. | IDF NO. | CAMERA LOCATION | MOUNTING HEIGHT AFF. (A-B) | HOT AFF. (1) |
|------------|---------------|-----------|----------|----------|--------------|---------|-----------------|----------------------------|--------------|
| GS-C6 | MULTISENSOR | | | 100 | 104 | 100-1 | BLDG. HALL | ACC. INTL | 21'-0" |
| GS-C7 | MULTISENSOR | | | 100 | 105 | 100-2 | BLDG. HALL | ACC. INTL | 12'-0" |
| GS-C21 | FIXED-BULLET | | | 100 | 2 | 100-2 | CMU WALL | ACC. INTL | 8'-0" |
| GS-C22 | FIXED-BULLET | | | 100 | 104 | 100-1 | CMU WALL | ACC. INTL | 8'-0" |
| GS-C23 | FIXED-BULLET | | | 100 | 104 | 100-1 | CMU WALL | ACC. INTL | 8'-0" |
| GS-C24 | FIXED-FISHEYE | | | 100 | 2 | 100-2 | STEEL TRUSS | NONE | 10'-0" |

NOTE:
 1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED
 (a) 6'-0" ABOVE TOP OF BLEACHERS
 (b) BOTTOM OF EXISTING STEEL TRUSS

- NOTES:**
1. PROTECT EXISTING BASKETBALL COURT FLOORING
 2. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

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Project Title
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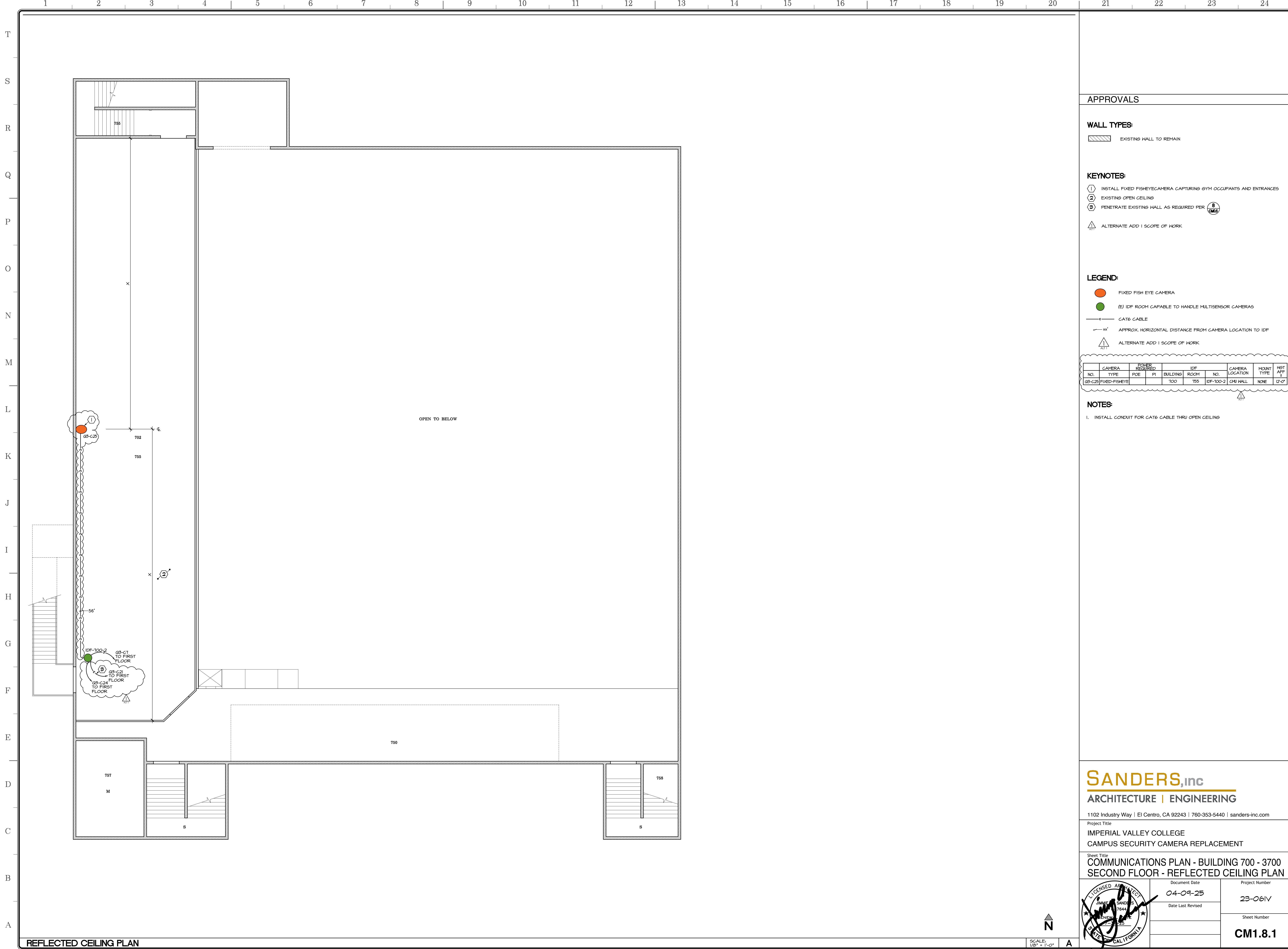
Sheet Title
 COMMUNICATIONS PLAN - BUILDING 700 - 3700
 FIRST FLOOR - REFLECTED CEILING PLAN

| | | |
|--|-------------------|----------------|
| | Document Date | Project Number |
| | 04-09-25 | 23-061V |
| | Date Last Revised | Sheet Number |
| | | CM1.8 |

REFLECTED CEILING PLAN

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





APPROVALS

WALL TYPES:

EXISTING WALL TO REMAIN

KEYNOTES:

- ① INSTALL FIXED FISHEYE CAMERA CAPTURING GYM OCCUPANTS AND ENTRANCES
- ② EXISTING OPEN CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER ③ (C05)
- △ ALTERNATE ADD | SCOPE OF WORK

LEGEND:

- FIXED FISH EYE CAMERA
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- xx' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- △ ALTERNATE ADD | SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | ROOM NO. | ROOM TYPE | IDF NO. | IDF ROOM NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF. |
|------------|---------------|----------|-----------|-----------|--------------|-----------------|------------|----------|
| G3-C25 | FIXED-FISHEYE | 100 | 755 | IDF-100-2 | GMU HALL | NONE | 12'-0" | |

NOTES:

- 1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

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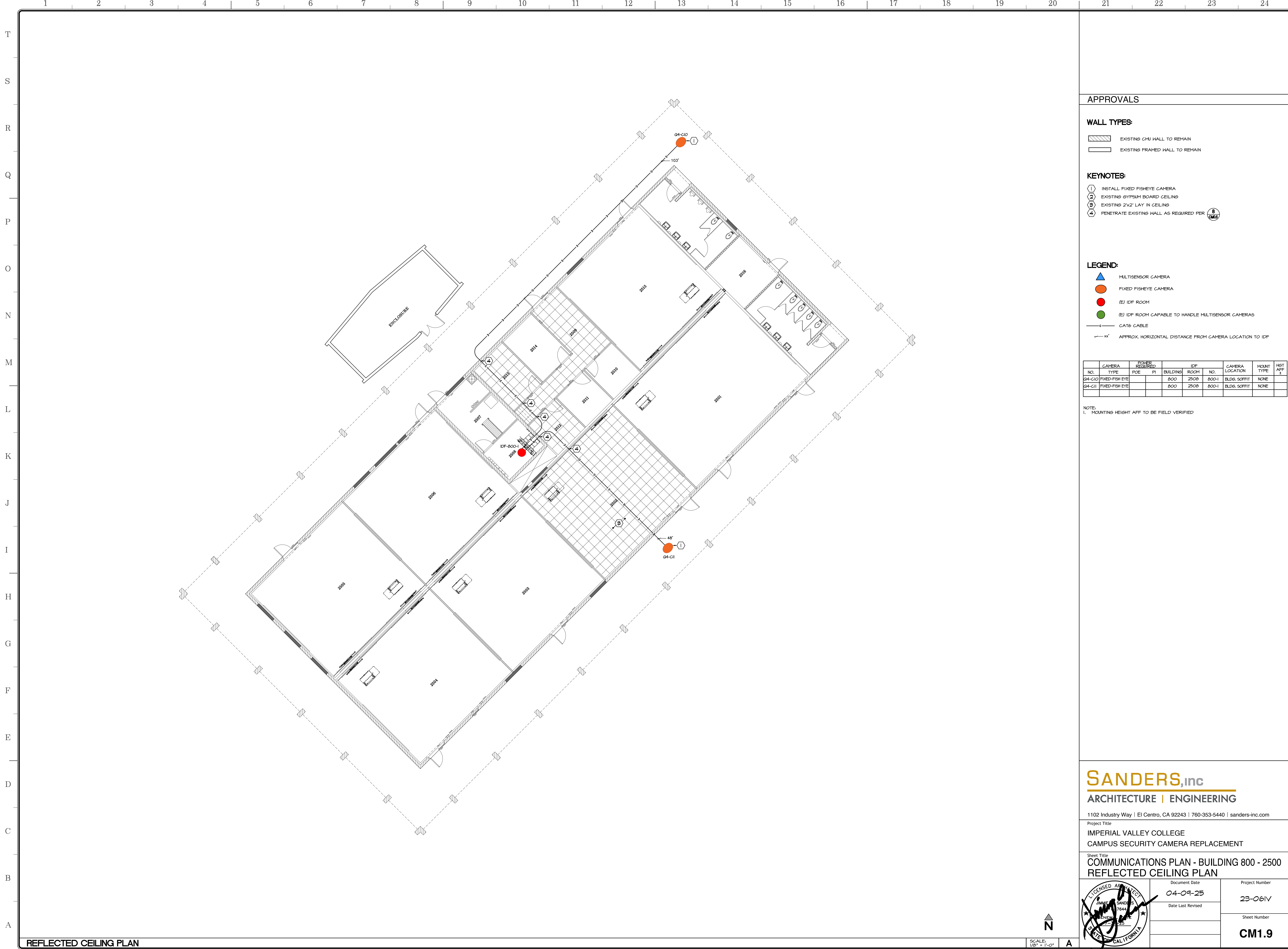
Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 700 - 3700
 SECOND FLOOR - REFLECTED CEILING PLAN**

| | | |
|--|---------------------------|--------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.8.1 |

REFLECTED CEILING PLAN

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



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL FIXED FISHEYE CAMERA
- ② EXISTING GYPSUM BOARD CEILING
- ③ EXISTING 2x2" LAY IN CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

| CAMERA NO. | CAMERA TYPE | POE | PI | BUILDING | ROOM NO. | IDF NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF ± |
|------------|----------------|-----|----|----------|----------|---------|-----------------|------------|-----------|
| G4-C10 | FIXED-FISH EYE | | | 800 | 2508 | 800-1 | BLDG. SOFFIT | NONE | |
| G4-C11 | FIXED-FISH EYE | | | 800 | 2508 | 800-1 | BLDG. SOFFIT | NONE | |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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Project Title
IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
COMMUNICATIONS PLAN - BUILDING 800 - 2500
REFLECTED CEILING PLAN

| | | |
|--|---------------------------|------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.9 |

REFLECTED CEILING PLAN

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





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAME WALL TO REMAIN
- 4" @ 16"OC STEEL STUD (400S162-43)

KEYNOTES:

- ① INSTALL MULTISENSOR CAMERA
- ② EXISTING 6"PSM BOARD CEILING
- ③ EXISTING 2"x2" LAY IN CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER ⑧
- ⑤ PROVIDE 4" STEEL STUD WALL FOR "CHIEF" #PAC526FV4 IN-WALL STORAGE BOX
- ⑥ INSTALL ALTERNATE OUTDOOR CONDUIT FOR CAT6 CABLE
- ⑦ EXISTING 12"x12" ACOUSTICAL TILE CEILING
- ⑧ INSTALL CONDUIT FOR CAT6 CABLE

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM VIEWING STATION/CAMERA TO IDF
- APPROX. HORIZONTAL DISTANCE FROM CAMERA TO IDF - ALTERNATE OUTDOORS INSTALLATION

| CAMERA NO. | CAMERA TYPE | POWER REQUIRED PCE | PI | BUILDING | IDF ROOM NO. | IDF NO. | CAMERA LOCATION | MOUNTING HEIGHT PER IFC | HST AFF L. |
|------------|---------------|--------------------|----|----------|--------------|---------|-----------------|-------------------------|------------|
| G4-C20 | MULTISENSOR | | | 900 | 903 | 900-1 | BLDG. SOFFIT | NONE | 12'-0" |
| G4-C21 | MULTISENSOR | | | 900 | 903 | 900-1 | BLDG. SOFFIT | NONE | 12'-0" |
| G4-C35 | FIXED-FISHEYE | | | 1000 | 1001 | 1000-1 | BLDG. SOFFIT | ACC MNT | 11'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

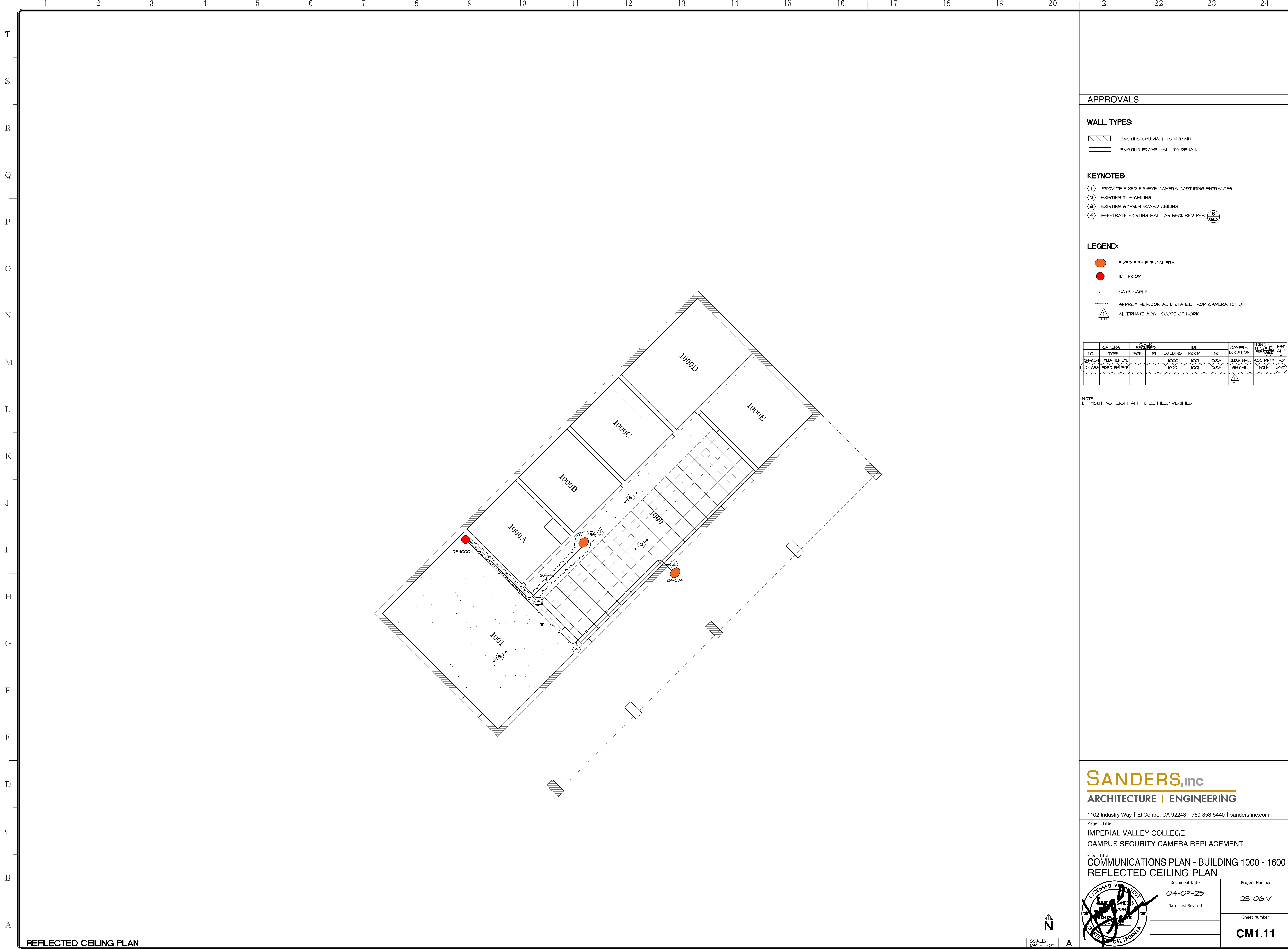
Sheet Title
**COMMUNICATIONS PLAN - BUILDING 900 - 1500
REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.10 |

REFLECTED CEILING PLAN

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





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCES
- ② EXISTING TILE CEILING
- ③ EXISTING GYPSUM BOARD CEILING
- ④ PENETRATE EXISTING WALL AS REQUIRED PER

LEGEND:

- FIXED FISH EYE CAMERA
- IDF ROOM
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA TO IDF
- ALTERNATE ADD I SCOPE OF WORK

| NO. | CAMERA TYPE | POWER REQUIRED POE | PT | BUILDING | IDF ROOM | IDF NO. | CAMERA LOCATION | MOUNT TYPE | HEIGHT AFF |
|--------|----------------|--------------------|----|----------|----------|---------|-----------------|------------|------------|
| G4-C34 | FIXED-FISH EYE | | | 1000 | 1001 | 1000-1 | BLDG WALL | ACC | 11'-0" |
| G4-C39 | FIXED-FISH EYE | | | 1000 | 1001 | 1000-1 | GB CEIL | NONE | 9'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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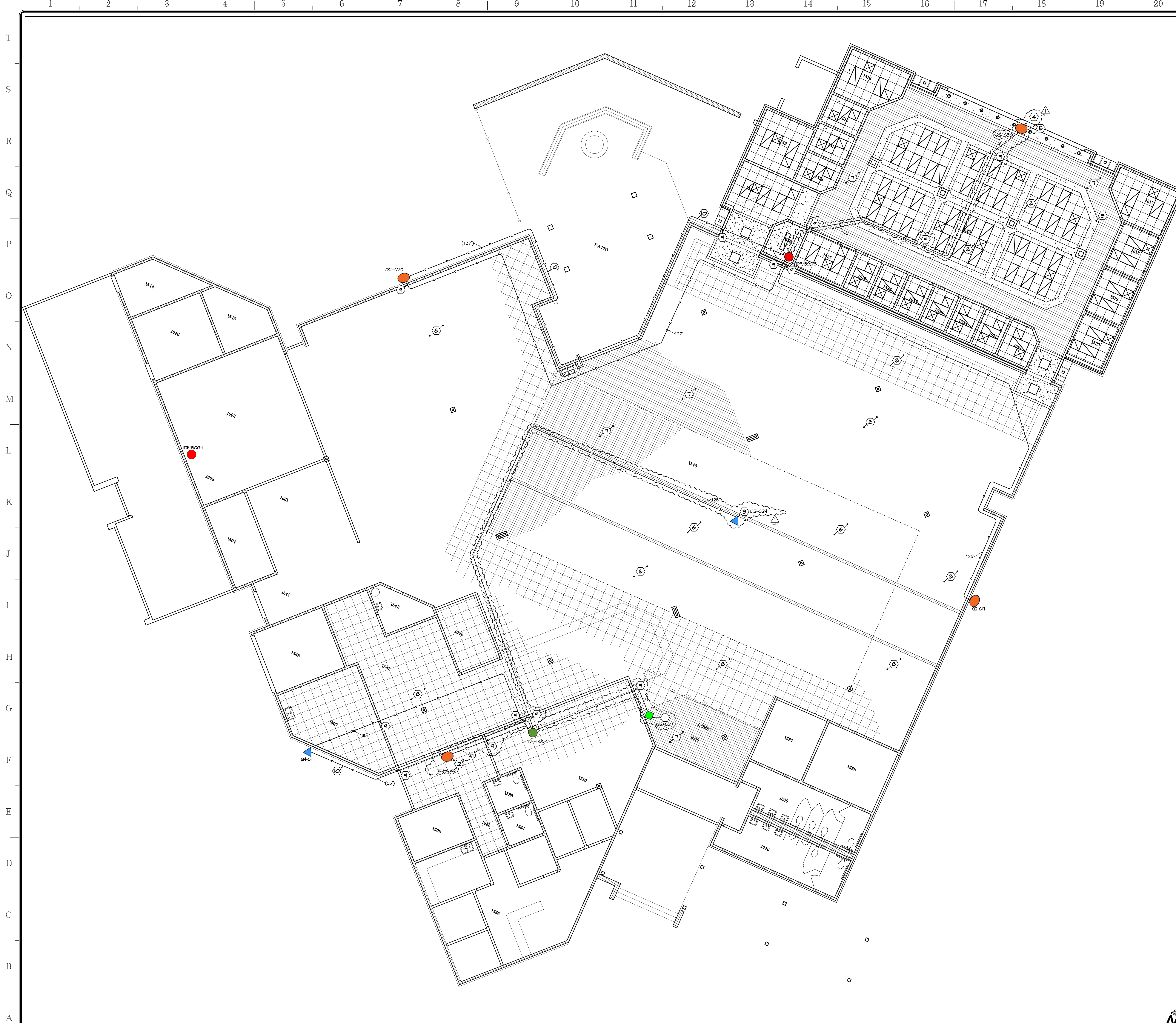
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Project Title
IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
COMMUNICATIONS PLAN - BUILDING 1000 - 1600
REFLECTED CEILING PLAN

| | | |
|--|---------------------------|---------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.11 |





- APPROVALS**
- WALL TYPES:**
- EXISTING CMU WALL TO REMAIN
 - EXISTING FRAME WALL TO REMAIN
- KEYNOTES:**
- 1 PROVIDE FIXED BULLET CAMERA CAPTURING MAIN ENTRANCE
 - 2 PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE
 - 3 PROVIDE MULTISENSOR CAMERA CAPTURING CENTRAL LIBRARY
 - 4 PROVIDE FIXED FISHEYE CAMERA CAPTURING NORTH STUDY HALL
 - 5 EXISTING GYPSUM BOARD CEILING
 - 6 EXISTING EXPOSED STRUCTURE CEILING
 - 7 EXISTING 1x6 TONGUE & GROOVE RE-SAWN CEDAR
 - 8 EXISTING 2'x2' LAY IN CEILING
 - 9 PENETRATE EXISTING WALL AS REQUIRED PER (B CMU)
 - 10 INSTALL ALTERNATE OUTDOOR CONDUIT FOR CAT 6 CABLE
- LEGEND:**
- MULTISENSOR CAMERA
 - FIXED CAMERA - BULLET
 - FIXED FISH EYE CAMERA
 - (E) IDF ROOM
 - (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
 - CAT6 CABLE
 - APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
 - APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF - ALTERNATE OUTDOORS INSTALLATION
 - ALTERNATE ADD 1 SCOPE OF WORK

| NO. | CAMERA TYPE | POE | PI | BUILDING | IDF ROOM NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF. |
|--------|----------------|-----|----|----------|--------------|-----------------|---------------|----------|
| 04-C1 | MULTISENSOR | | | 1500 | 1510 | 1500-2 | BLDG. WALL | ACC INT2 |
| 02-CR | FIXED-FISH EYE | | | 1500 | 1528 | 1500-3 | BLDG. WALL | ACC INT1 |
| 02-C20 | FIXED-FISH EYE | | | 1500 | 1528 | 1500-3 | BLDG. WALL | ACC INT1 |
| 02-C21 | FIXED-BULLET | | | 1500 | 1510 | 1500-2 | T16' CELL | ACC INT1 |
| 02-C28 | FIXED-FISHEYE | | | 1500 | 1510 | 1500-2 | LAY IN CELL | NONE |
| 02-C29 | MULTISENSOR | | | 1500 | 1510 | 1500-2 | SIDE OF TRUSS | ACC INT2 |
| 02-C30 | FIXED-FISHEYE | | | 1500 | 1528 | 1500-3 | SB CEILING | NONE |

NOTES:

1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

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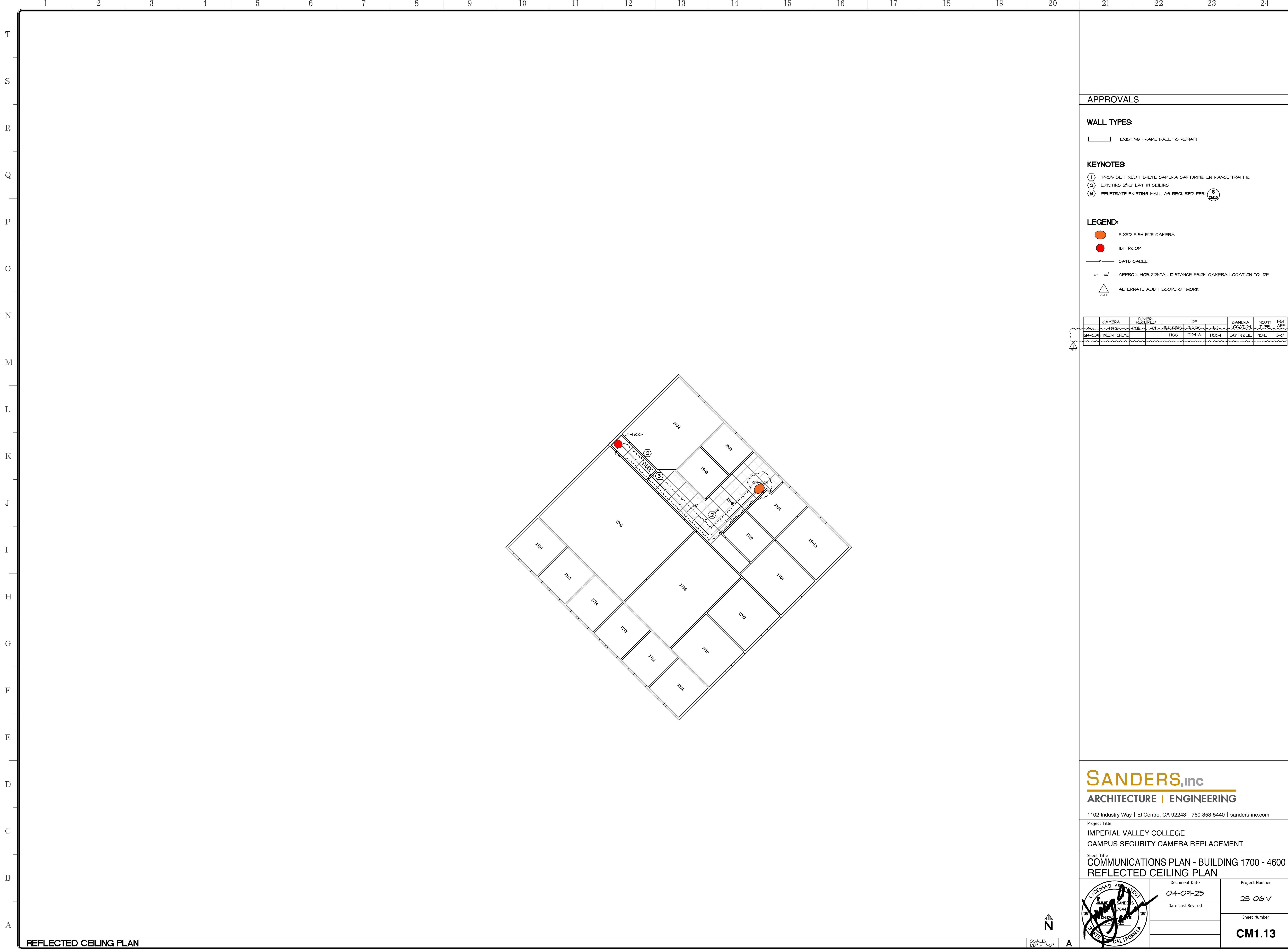
Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 1500 - 5500
 REFLECTED CEILING PLAN**

| | |
|---------------------------|-------------------------------|
| Document Date 04-09-25 | Project Number 23-061V |
| Date Last Revised | Sheet Number CM1.12 |

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

REFLECTED CEILING PLAN



APPROVALS

WALL TYPES:

EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC
- ② EXISTING 2x2" LAY IN CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER ③ (SEE)

LEGEND:

- FIXED FISH EYE CAMERA
- IDF ROOM
- CAT6 CABLE
- xx' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ▲ ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | ROOM REQUIRED | BUILDING | IDF ROOM | CAMERA LOCATION | MOUNT TYPE | HGT AFF |
|------------|---------------|---------------|----------|----------|-----------------|------------|---------|
| G4-C24 | FIXED-FISHEYE | | 1700 | 1704-A | 1700-I | LAY IN CEL | NONE |

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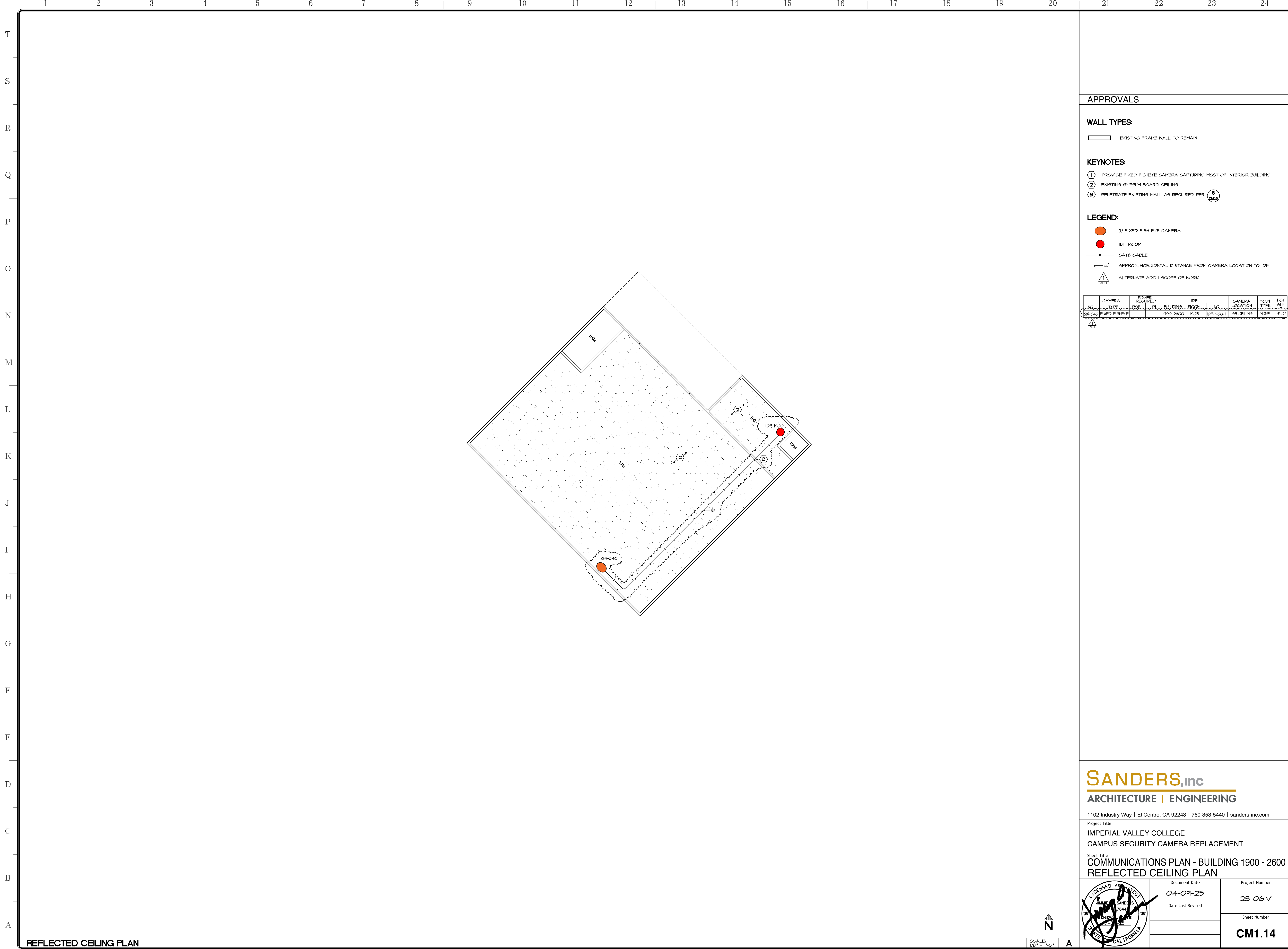
Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 1700 - 4600
 REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.13 |

REFLECTED CEILING PLAN

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



APPROVALS

WALL TYPES:

EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING MOST OF INTERIOR BUILDING
- ② EXISTING GYPSUM BOARD CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER **8 CM15**

LEGEND:

- (1) FIXED FISH EYE CAMERA
- IDF ROOM
- CAT6 CABLE
- "x" APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | ROOM NO. | ROOM PL. | BUILDING | IDF ROOM NO. | IDF NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF. |
|------------|---------------|----------|-----------|----------|--------------|---------|-----------------|------------|----------|
| 04-C40 | FIXED-FISHEYE | 1901 | 1900-2600 | 1903 | IDF-1900-1 | | GB CEILING | NONE | 9'-0" |

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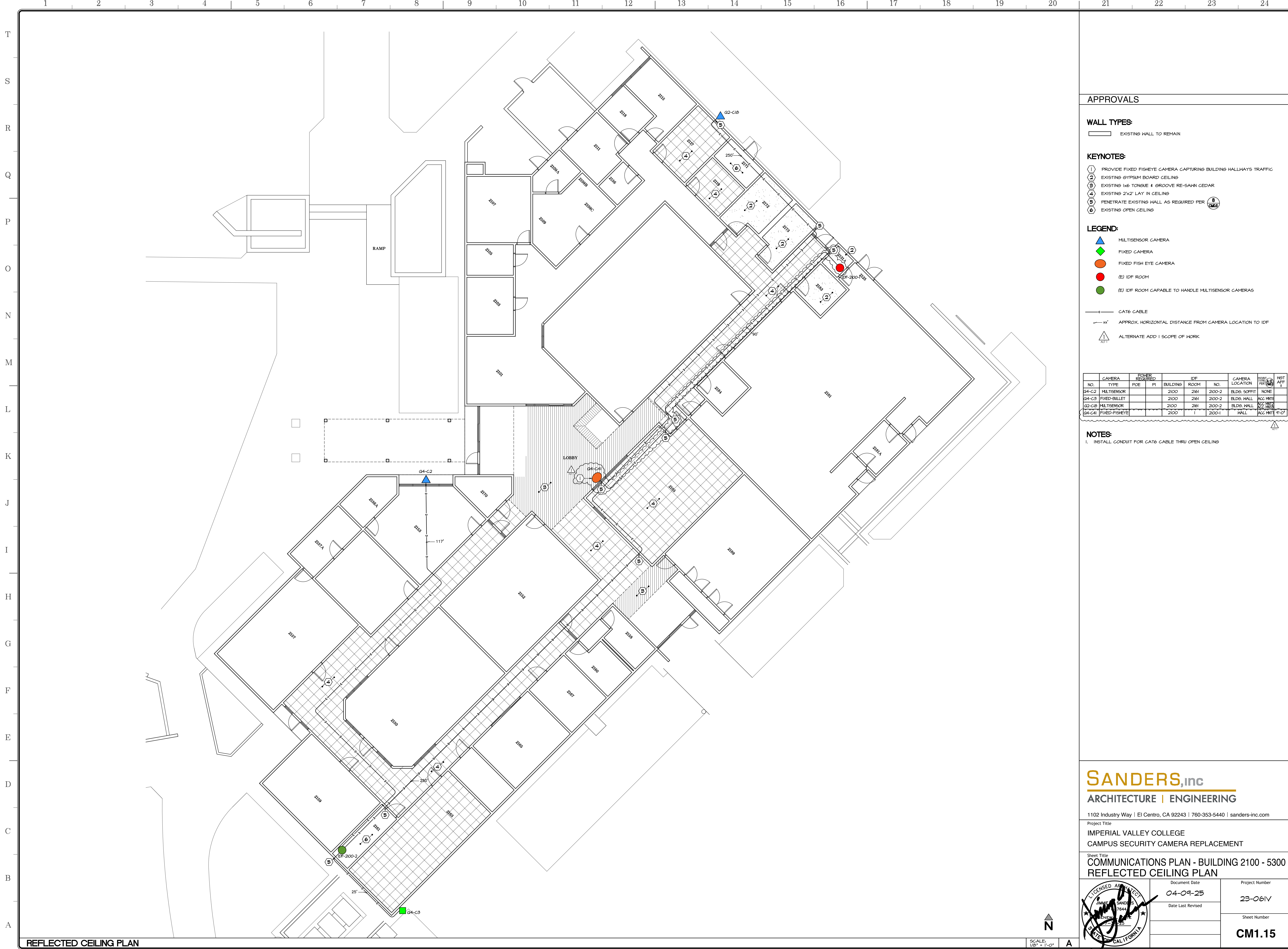
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Project Title
**IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 1900 - 2600
 REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.14 |





APPROVALS

WALL TYPES:

EXISTING WALL TO REMAIN

KEYNOTES:

- 1 PROVIDE FIXED FISHEYE CAMERA CAPTURING BUILDING HALLWAYS TRAFFIC
- 2 EXISTING GYPSUM BOARD CEILING
- 3 EXISTING 1x6 TONGUE & GROOVE RE-SAWN CEDAR
- 4 EXISTING 2x2 LAY IN CEILING
- 5 PENETRATE EXISTING WALL AS REQUIRED PER 8 CM15
- 6 EXISTING OPEN CEILING

LEGEND:

- MULTISENSOR CAMERA
- FIXED CAMERA
- FIXED FISH EYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD I SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POWER REQUIRED PCE | POWER REQUIRED FI | BUILDING | IDF ROOM | IDF NO. | CAMERA LOCATION | POW. PER. (A) | HGT. AFF. (E) |
|------------|---------------|--------------------|-------------------|----------|----------|---------|-----------------|----------------|---------------|
| G4-C2 | MULTISENSOR | | | 2100 | 2161 | 2100-2 | BLDS SOFFIT | NONE | |
| G4-C3 | FIXED-BULLET | | | 2100 | 2161 | 2100-2 | BLDS WALL | ACC. MNT | |
| G2-C1B | MULTISENSOR | | | 2100 | 2161 | 2100-2 | BLDS WALL | ACC. MNT | |
| G4-C4 | FIXED-FISHEYE | | | 2100 | 1 | 2100-1 | WALL | ACC. MNT 9'-0" | |

NOTES:

- 1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

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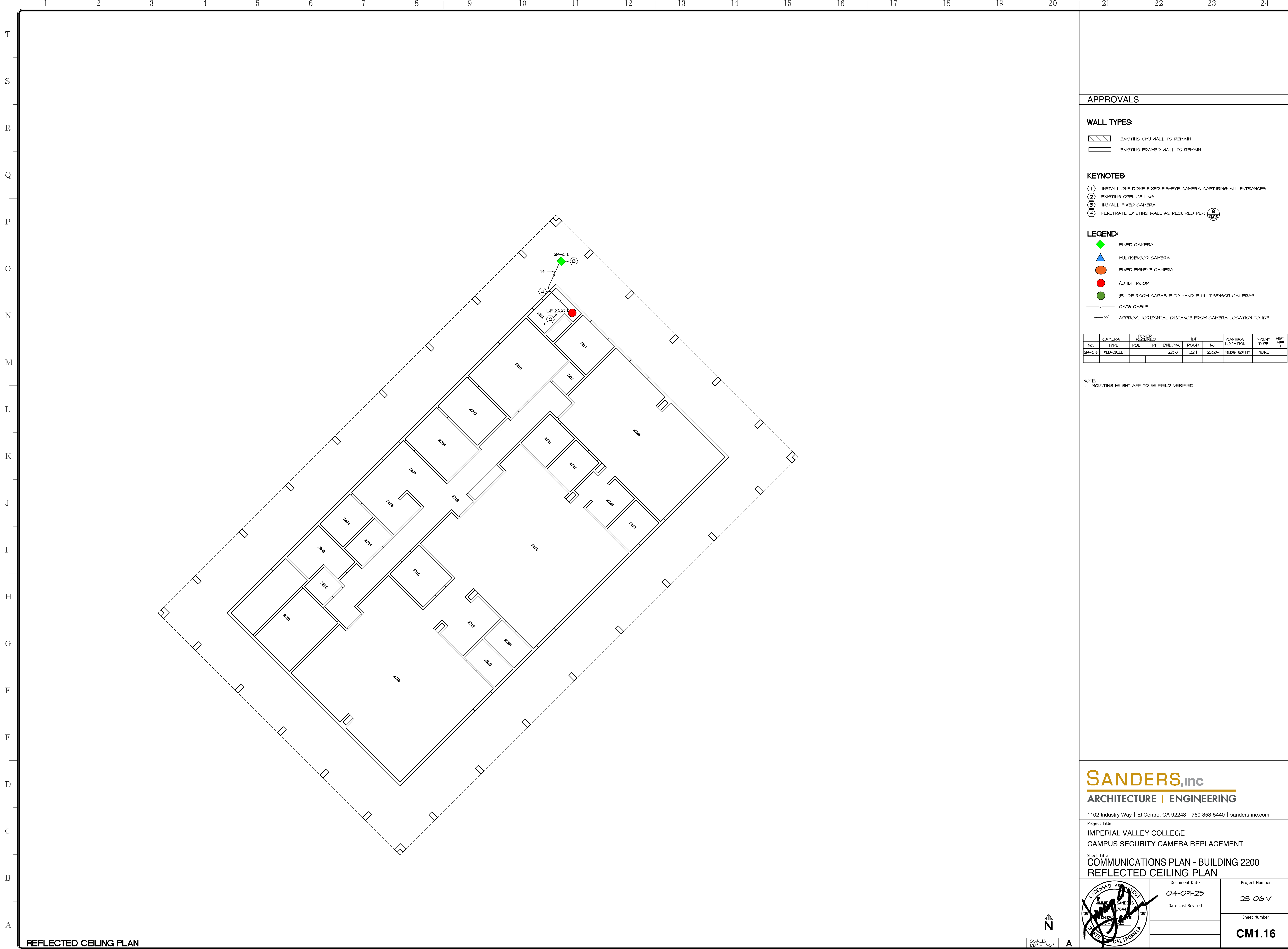
Sheet Title
**COMMUNICATIONS PLAN - BUILDING 2100 - 5300
 REFLECTED CEILING PLAN**

| | | |
|--|-------------------|----------------|
| | Document Date | Project Number |
| | 04-09-25 | 23-061V |
| | Date Last Revised | Sheet Number |
| | | CM1.15 |

REFLECTED CEILING PLAN

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





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL ONE DOME FIXED FISHEYE CAMERA CAPTURING ALL ENTRANCES
- ② EXISTING OPEN CEILING
- ③ INSTALL FIXED CAMERA
- ④ PENETRATE EXISTING WALL AS REQUIRED PER

LEGEND:

- FIXED CAMERA
- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

| CAMERA NO. | CAMERA TYPE | POWER SOURCE | BLDG. | IDF ROOM NO. | CAMERA LOCATION | MOUNT TYPE | HGT AFF. 1 |
|------------|--------------|--------------|-------|--------------|-----------------|------------|------------|
| G4-C16 | FIXED-BULLET | POE | 2200 | 2200-1 | BLDG. SOFFIT | NONE | |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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CAMPUS SECURITY CAMERA REPLACEMENT

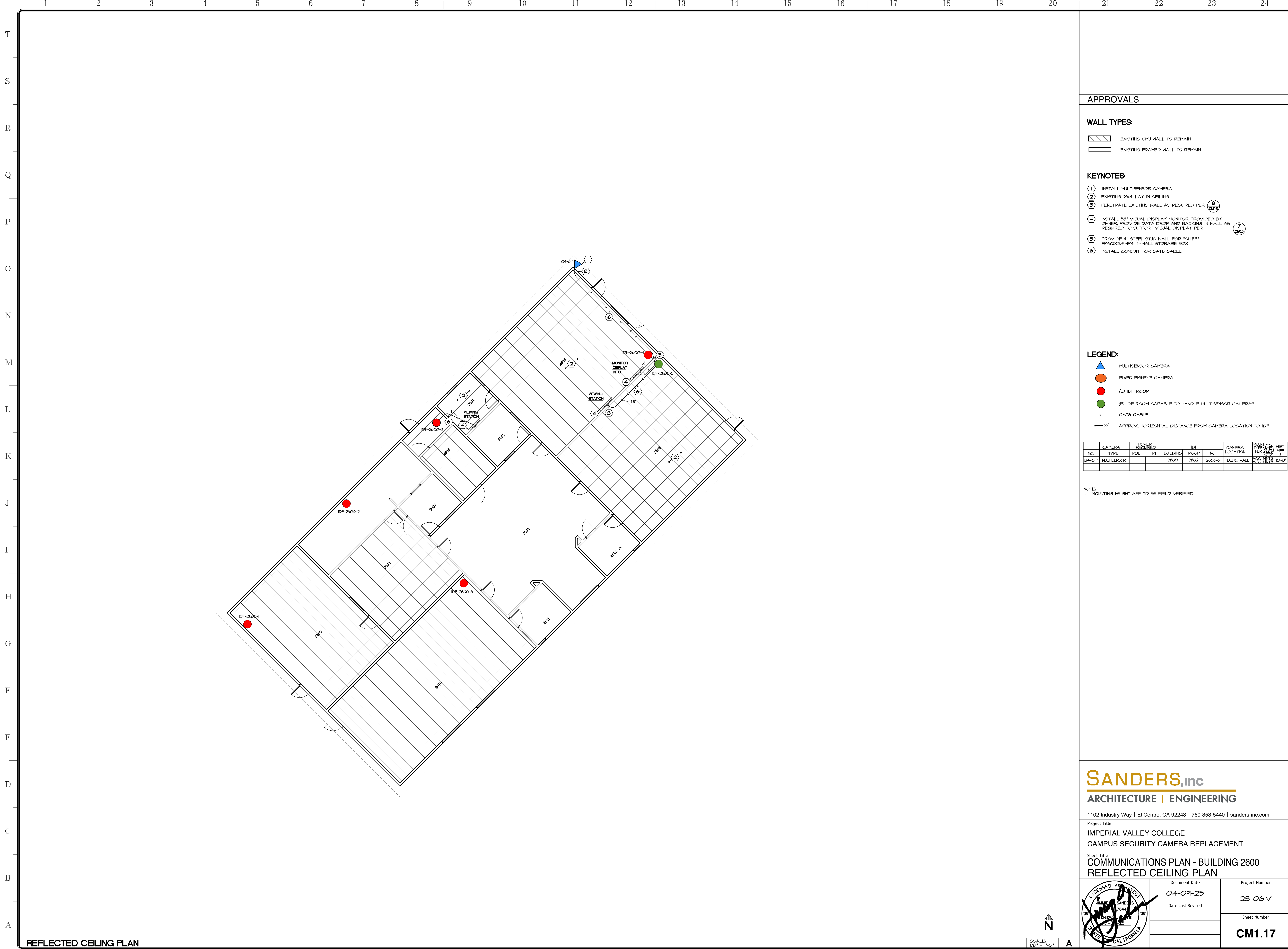
Sheet Title
COMMUNICATIONS PLAN - BUILDING 2200
REFLECTED CEILING PLAN

| | | |
|--|---------------------------|-------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.16 |

REFLECTED CEILING PLAN

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





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAMED WALL TO REMAIN

KEYNOTES:

- ① INSTALL MULTISENSOR CAMERA
- ② EXISTING 2"x4" LAY IN CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER
- ④ INSTALL 55" VISUAL DISPLAY MONITOR PROVIDED BY OWNER, PROVIDE DATA DROP AND BACKING IN WALL AS REQUIRED TO SUPPORT VISUAL DISPLAY PER
- ⑤ PROVIDE 4" STEEL STUD WALL FOR "CHIEF" #PAC526P4P4 IN-WALL STORAGE BOX
- ⑥ INSTALL CONDUIT FOR CAT6 CABLE

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISHEYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF

| CAMERA NO. | CAMERA TYPE | ROOMS REQUIRED | IDF NO. | CAMERA LOCATION | MOUNT TYPE PER ACC. PRINTS | HGT AFF. ± |
|------------|-------------|----------------|---------|-----------------|----------------------------|------------|
| G4-CIT | MULTISENSOR | | 2600 | 2602 | 2600-5 | |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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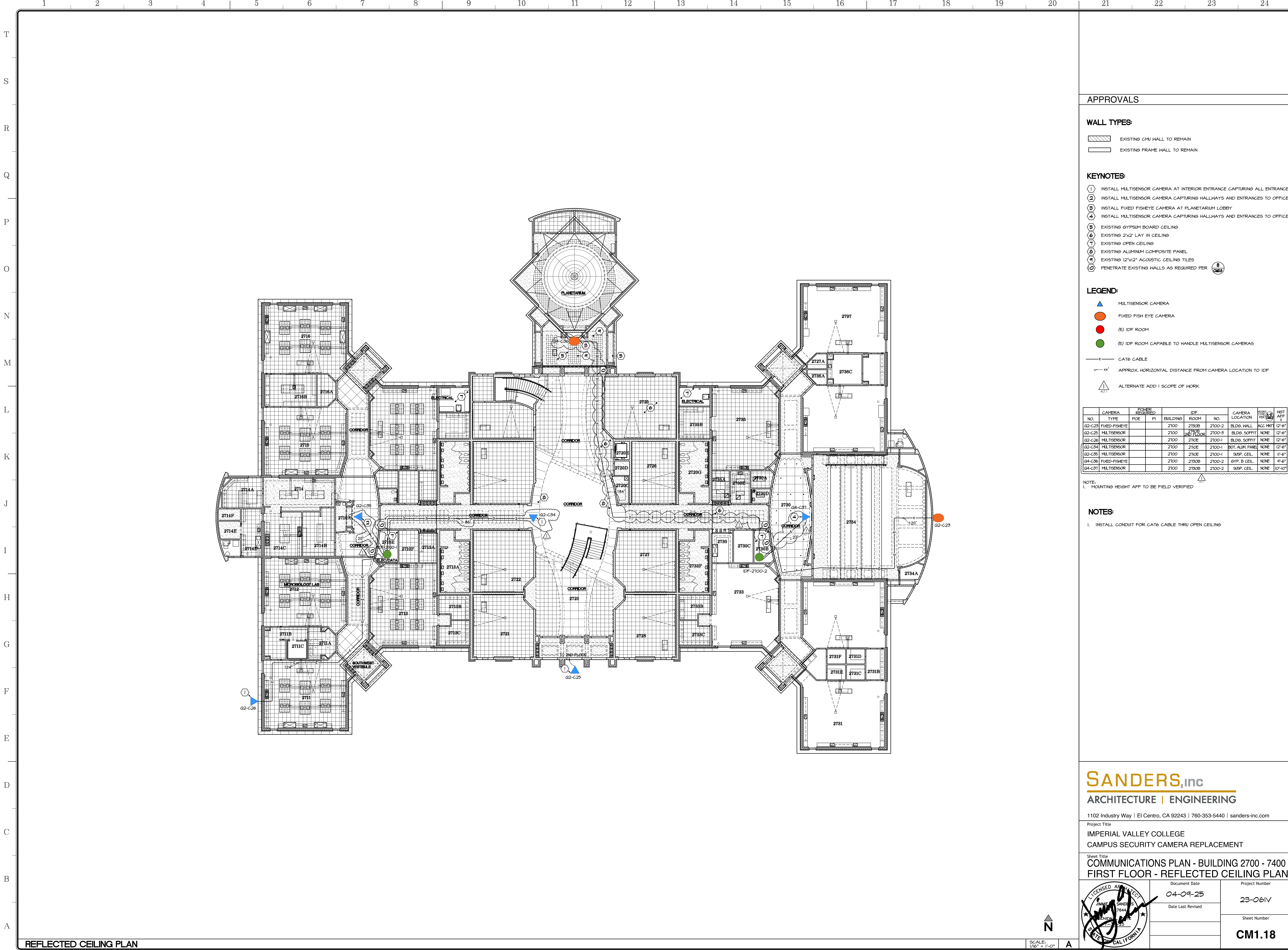
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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 2600
REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.17 |





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① INSTALL MULTISENSOR CAMERA AT INTERIOR ENTRANCE CAPTURING ALL ENTRANCES
- ② INSTALL MULTISENSOR CAMERA CAPTURING HALLWAYS AND ENTRANCES TO OFFICES
- ③ INSTALL FIXED FISHEYE CAMERA AT PLANETARIUM LOBBY
- ④ INSTALL MULTISENSOR CAMERA CAPTURING HALLWAYS AND ENTRANCES TO OFFICES
- ⑤ EXISTING GYPSUM BOARD CEILING
- ⑥ EXISTING 2'x2' LAY IN CEILING
- ⑦ EXISTING OPEN CEILING
- ⑧ EXISTING ALUMINUM COMPOSITE PANEL
- ⑨ EXISTING 12'x12' ACOUSTIC CEILING TILES
- ⑩ PENETRATE EXISTING WALLS AS REQUIRED PER S 065

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISH EYE CAMERA
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POE | PI | BUILDING | IDF ROOM NO. | CAMERA LOCATION | HOW TO PERFORM | HGT AFF ± |
|------------|---------------|-----|----|----------|--------------|-----------------|------------------|-----------------|
| G2-C25 | FIXED-FISHEYE | | | 2100 | 2730B | 2100-2 | BLDG. HALL | ACC. HNT 12'-6" |
| G2-C25 | MULTISENSOR | | | 2100 | 2730B | 2100-3 | BLDG. SOFFIT | NONE 12'-6" |
| G2-C26 | MULTISENSOR | | | 2100 | 2710E | 2100-1 | BLDG. SOFFIT | NONE 12'-6" |
| G2-C34 | MULTISENSOR | | | 2100 | 2710E | 2100-1 | BOT. ALUM. PANEL | NONE 12'-6" |
| G2-C35 | MULTISENSOR | | | 2100 | 2710E | 2100-1 | SUSP. CEIL. | NONE 11'-6" |
| G4-C36 | FIXED-FISHEYE | | | 2100 | 2730B | 2100-2 | GYP. B. CEIL. | NONE 4'-6" |
| G4-C37 | MULTISENSOR | | | 2100 | 2730B | 2100-2 | SUSP. CEIL. | NONE 10'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

NOTES:

- 1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

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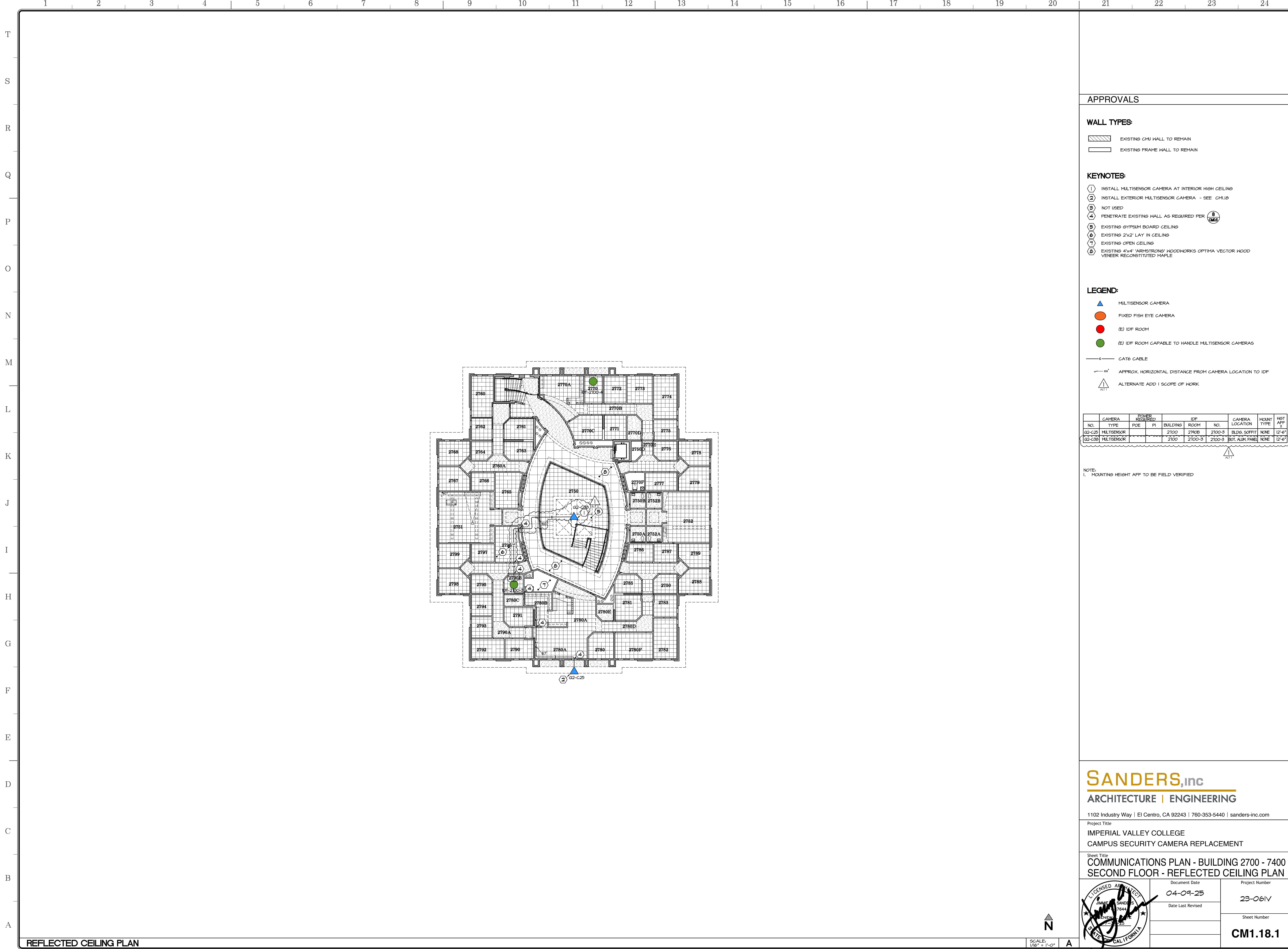
Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 2700 - 7400
FIRST FLOOR - REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.18 |

REFLECTED CEILING PLAN

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




APPROVALS

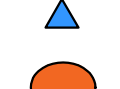
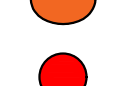
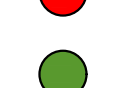
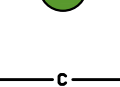
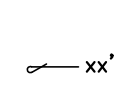

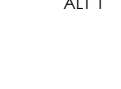
WALL TYPES:

-  EXISTING CMU WALL TO REMAIN
-  EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① INSTALL MULTISENSOR CAMERA AT INTERIOR HIGH CEILING
- ② INSTALL EXTERIOR MULTISENSOR CAMERA - SEE CH110
- ③ NOT USED
- ④ PENETRATE EXISTING WALL AS REQUIRED PER 
- ⑤ EXISTING GYPSUM BOARD CEILING
- ⑥ EXISTING 2x2" LAY IN CEILING
- ⑦ EXISTING OPEN CEILING
- ⑧ EXISTING 4x4" ARBENSTRONGS' WOODWORKS OPTIMA VECTOR HOOD VENEER RECONSTITUTED MAPLE

LEGEND:

-  MULTISENSOR CAMERA
-  FIXED FISH EYE CAMERA
-  (E) IDF ROOM
-  (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  CAT6 CABLE
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | ROOM | | IDF | | CAMERA LOCATION | MOUNT TYPE | HGT AFF |
|------------|-------------|------|----|----------|--------|-----------------|------------------|---------|
| | | PCE | PI | BUILDING | ROOM | | | |
| G2-C25 | MULTISENSOR | | | 2100 | 2140B | 2100-3 | NONE | 12'-6" |
| G2-C30 | MULTISENSOR | | | 2100 | 2100-3 | 2100-3 | BOT. ALUM. PANEL | NONE |

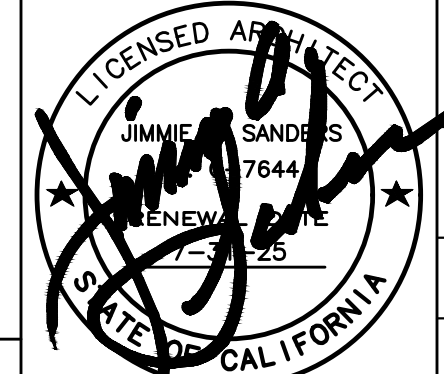
NOTE:
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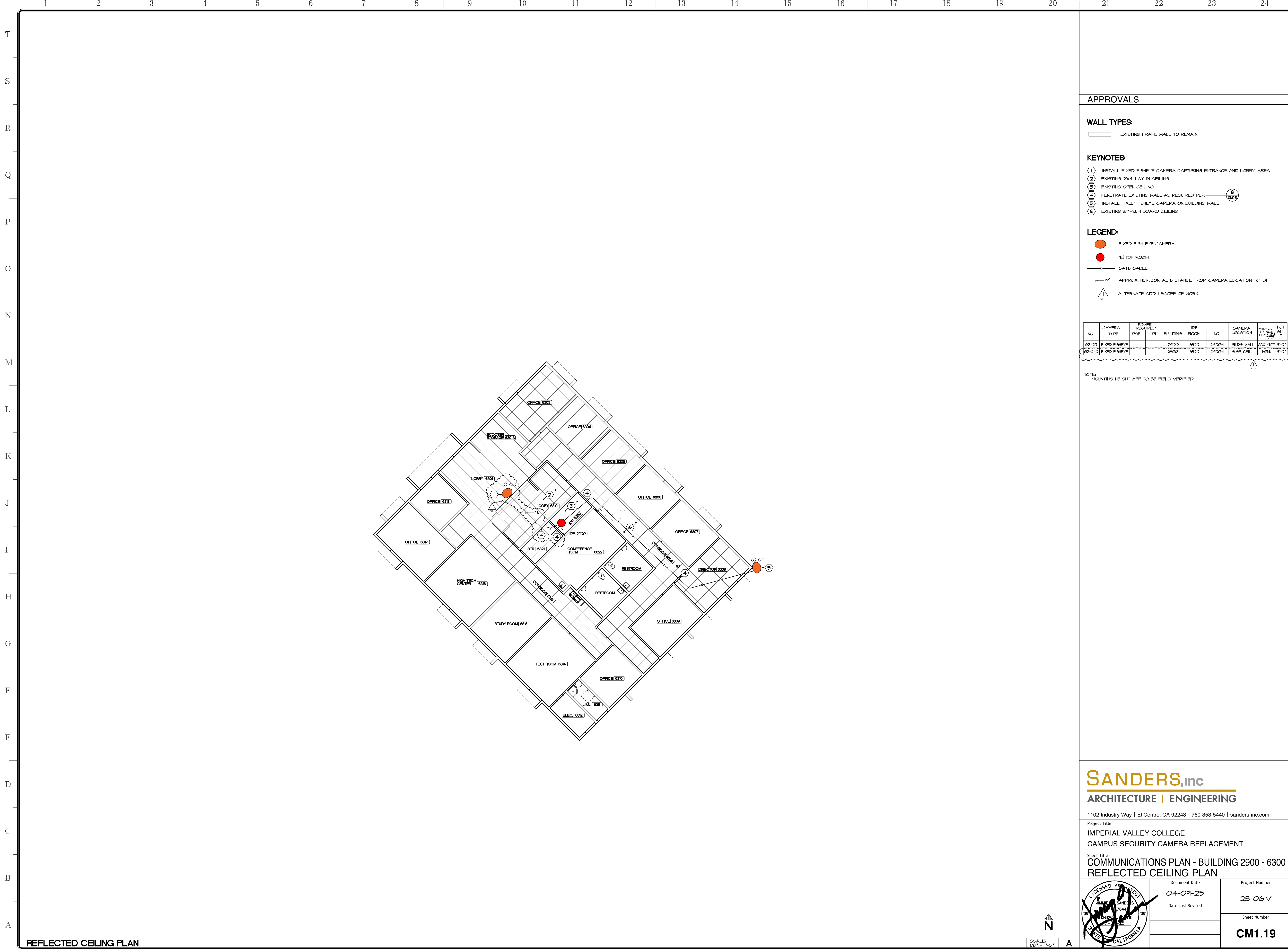
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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**COMMUNICATIONS PLAN - BUILDING 2700 - 7400
SECOND FLOOR - REFLECTED CEILING PLAN**

| | | |
|---|----------------------------------|----------------------------------|
|  | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.18.1 |





APPROVALS

WALL TYPES:

EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- 1 INSTALL FIXED FISHEYE CAMERA CAPTURING ENTRANCE AND LOBBY AREA
- 2 EXISTING 2'x4' LAY IN CEILING
- 3 EXISTING OPEN CEILING
- 4 PENETRATE EXISTING WALL AS REQUIRED PER **8**
- 5 INSTALL FIXED FISHEYE CAMERA ON BUILDING WALL
- 6 EXISTING GYPSUM BOARD CEILING

LEGEND:

- FIXED FISH EYE CAMERA
- (E) IDF ROOM
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POWER REQ'D PCE | PI | BUILDING | IDF ROOM | IDF NO. | CAMERA LOCATION | MOUNTING HT. PER (8) | HGT. AFF. FT. |
|------------|---------------|-----------------|----|----------|----------|---------|-----------------|----------------------|---------------|
| Q2-C11 | FIXED-FISHEYE | | | 2900 | 6320 | 2900-1 | BLDG. HALL | ACC. HNT. 4'-0" | |
| Q2-C40 | FIXED-FISHEYE | | | 2900 | 6320 | 2900-1 | SUBF. CEIL. | NONE | 4'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

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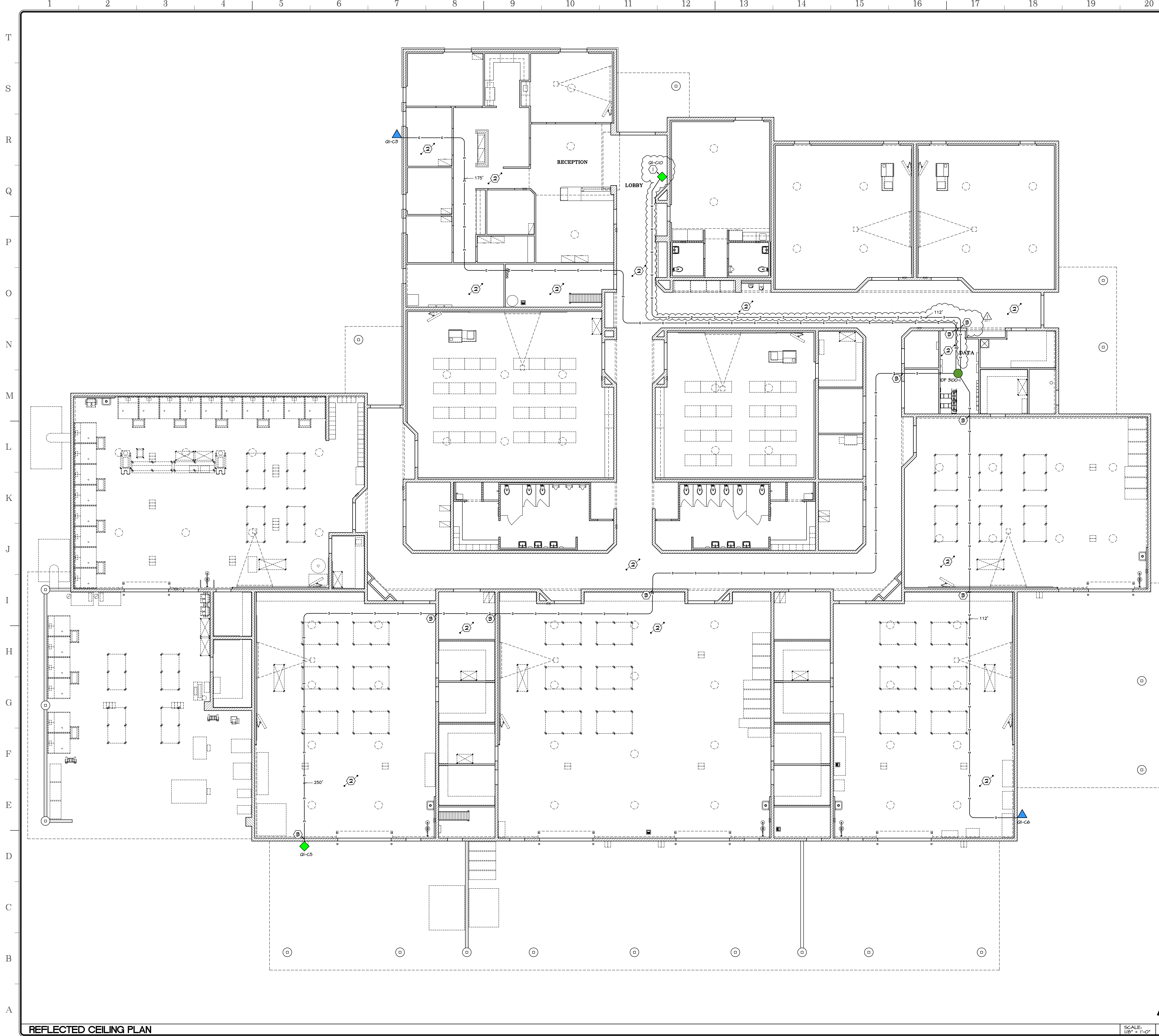
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Project Title
IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
COMMUNICATIONS PLAN - BUILDING 2900 - 6300
REFLECTED CEILING PLAN

| | | |
|--|-------------------|----------------|
| | Document Date | Project Number |
| | 04-09-25 | 23-061V |
| | Date Last Revised | Sheet Number |
| | | CM1.19 |





APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① PROVIDE FIXED BULLET CAMERA CAPTURING MAIN ENTRANCE AND HALLWAY
- ② EXISTING EXPOSED STRUCTURE CEILING
- ③ PENETRATE EXISTING WALL AS REQUIRED PER CMU5

LEGEND:

- MULTISENSOR CAMERA
- FIXED CAMERA - BULLET
- (E) IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- ALTERNATE ADD | SCOPE OF WORK

| NO. | CAMERA TYPE | POWER REQUIRED | | BUILDING | ROOM | NO. | CAMERA LOCATION | MOUNT TYPE | MOUNT HEIGHT AFF |
|--------|--------------|----------------|----|----------|--------|--------|-----------------|------------|------------------|
| | | PCE | PI | | | | | | |
| GI-C3 | MULTISENSOR | | | 3100 | 3100E | 3100-1 | BLDG. HALL | ACC MNT | 11'-0" |
| GI-C5 | FIXED-BULLET | | | 3100 | 3100E | 3100-1 | BLDG. HALL | ACC MNT | 11'-0" |
| GI-C6 | MULTISENSOR | | | 3100 | 3100E | 3100-1 | BLDG. HALL | ACC MNT | 11'-0" |
| GI-C10 | FIXED-BULLET | | | 3100 | 3100-1 | 3100-1 | CMU HALL | ACC MNT | 11'-0" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

NOTES:

1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

REFLECTED CEILING PLAN

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

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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title
**FLOOR PLAN - BUILDING 3100 - 7700
REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.20 |



APPROVALS

WALL TYPES:

- EXISTING CMU WALL TO REMAIN
- EXISTING FRAME WALL TO REMAIN

KEYNOTES:

- ① INSTALL FIXED FISHEYE CAMERA CAPTURING MAIN ENTRANCE AND HALLWAY
- ② EXISTING EXPOSED STRUCTURE CEILING
- ⓑ PENETRATE EXISTING WALL AS REQUIRED PER

LEGEND:

- MULTISENSOR CAMERA
- FIXED FISH EYE CAMERA
- (E) IDF ROOM
- (E) (I) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- CAT6 CABLE
- ALTERNATE ADD 1 SCOPE OF WORK

| CAMERA NO. | CAMERA TYPE | POWER REQUIRED PCE | PI | BUILDING | IDF ROOM | IDF NO. | CAMERA LOCATION | MOUNT TYPE PER | HGT AFF' 1' |
|------------|---------------|--------------------|----|----------|----------|---------|-----------------|----------------|-------------|
| GI-C1 | FIXED-FISHEYE | | | 3200 | 3200B | 3200-1 | BLDG. SOFFIT | NONE | 4'-6" |
| GI-C2 | FIXED-FISHEYE | | | 3200 | 3200B | 3200-1 | BLDG. WALL | ACC. MNT | 4'-6" |
| GI-C11 | FIXED-FISHEYE | | | 3200 | 3200B | 3200-1 | CMU WALL | ACC. MNT | 4'-6" |

NOTE:
1. MOUNTING HEIGHT AFF TO BE FIELD VERIFIED

NOTES:

- 1. INSTALL CONDUIT FOR CAT6 CABLE THRU OPEN CEILING

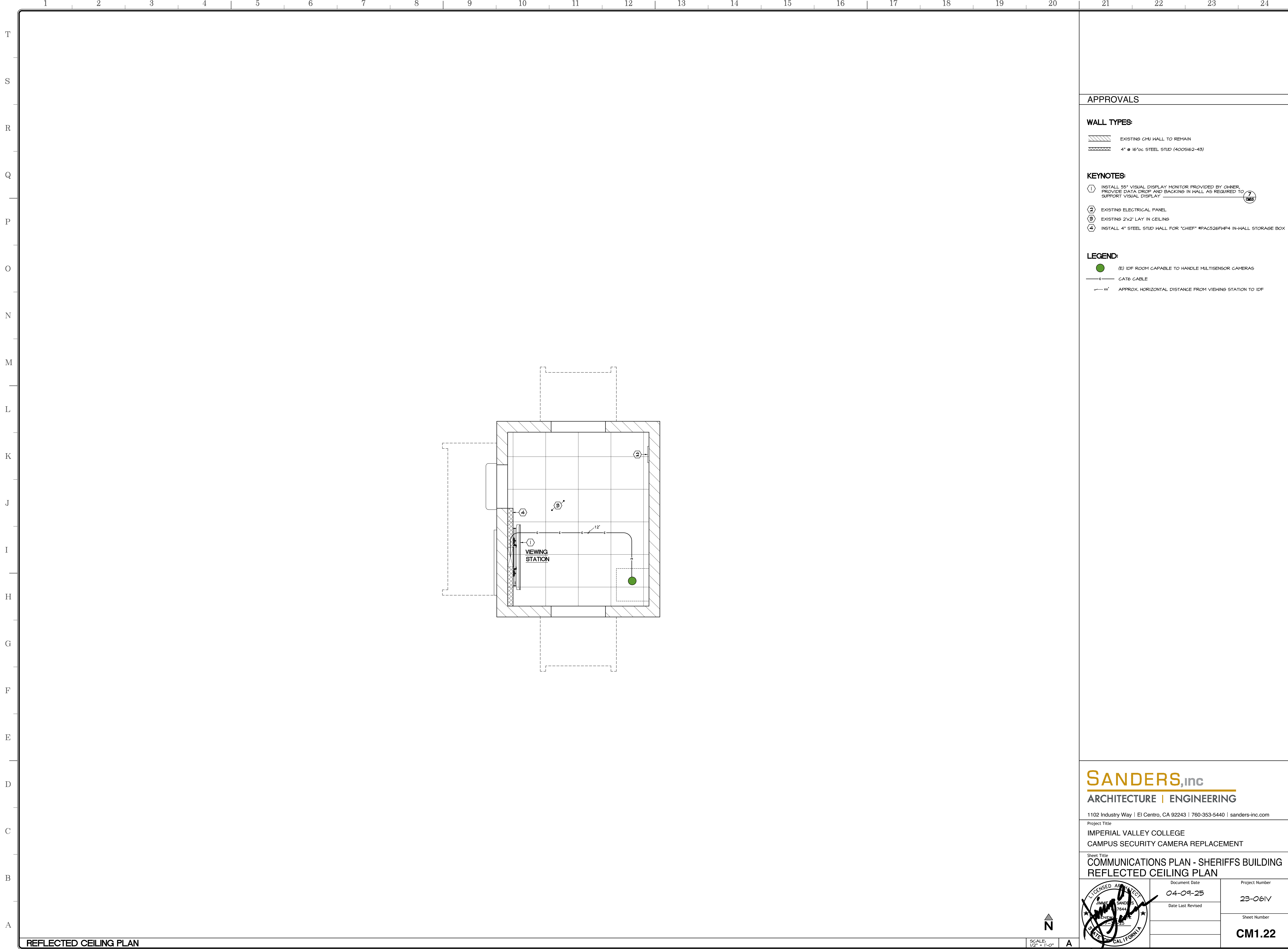
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Project Title
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CAMPUS SECURITY CAMERA REPLACEMENT**

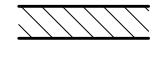
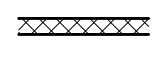
Sheet Title
**COMMUNICATIONS PLAN - BUILDING 3200 - 8700
REFLECTED CEILING PLAN**

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.21 |



APPROVALS




WALL TYPES:

-  EXISTING CMU WALL TO REMAIN
-  4" @ 16"oc STEEL STUD (400S162-43)

KEYNOTES:

- ① INSTALL 55" VISUAL DISPLAY MONITOR PROVIDED BY OWNER, PROVIDE DATA DROP AND BACKING IN WALL AS REQUIRED TO SUPPORT VISUAL DISPLAY
- ② EXISTING ELECTRICAL PANEL
- ③ EXISTING 2'x2' LAY IN CEILING
- ④ INSTALL 4" STEEL STUD WALL FOR "CHIEF" #PAC526P/P4 IN-WALL STORAGE BOX

LEGEND:

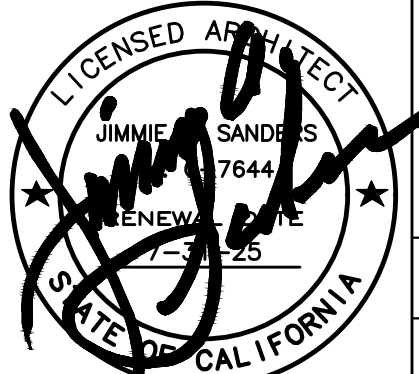
-  (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  CAT6 CABLE
-  APPROX. HORIZONTAL DISTANCE FROM VIEWING STATION TO IDF

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Project Title
 IMPERIAL VALLEY COLLEGE
 CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title
 COMMUNICATIONS PLAN - SHERIFFS BUILDING
 REFLECTED CEILING PLAN

| | | |
|---|---------------------------|-------------------------------|
|  | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM1.22 |

SCALE: 1/2" = 1'-0"
 N

REFLECTED CEILING PLAN

BULLET CAMERA - CB52-E

CB52-E

Bullet Series Tech Specs

Camera features

| | | | |
|--|---|-----------------------------|---|
| Image Sensor | 1/2.8" Progressive CMOS | Shutter Speed | 1/30 sec. to 1/10,000 sec. |
| Sensor Resolution¹ | 5MP (2688 x 1944) | Day/Night | IR-cut filter for day and night function |
| Lens Type | Varifocal, motorized zoom | IR Cut Filter | Yes |
| Focal Length | 2.8mm-8mm | IR Range | 30m / 98ft |
| Aperture | F1.3-F2.4 | Minimum Illumination | 0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on |
| Iris | P-Iris | Onboard Storage | Capacity: From 16GB to 2TB Card: MicroSD, SDXC |
| Field of View (after LDC)² | Horizontal: 41°-99° (39°-99°) Vertical: 30°-70° (30°-70°) Diagonal: 50°-125° (48°-120°) | CPU | Ambarella CV25588 |

Camera Movement

Tilt: 0° to 90°
Pan: 360°
Rotation: 360°

Standard video settings

| | | | |
|-------------------------------|--------------|----------------------------------|---|
| Compression | H.265, H.264 | Historical Video Settings | Adaptive quality |
| Frame Rate³ | 24fps | Video Streaming Settings | High quality (HQ) - 1500 Kbps Standard quality (SQ) - 300 Kbps |

Standard audio settings

Audio Not supported

Power and network

| | | | |
|--------------------------------------|---|---------------------|--|
| Power Input⁴ | With IR: IEEE 802.3at Type 2 PoE+ Without IR: IEEE 802.3at Type PoE+ Extended temperature range: IEEE 802.3at Type 2 PoE+ | Connectivity | RJ-45 cable connector for network/PoE connection; 10/100 Mbps |
| Power Consumption⁴ | With IR: 3W-5W, 0.38W-0.25A, 10W Without IR: 3W-5W, 0.09W-0.09A, 1.46W Extended temperature range: 3W-5W, 0.4x-0.27A, 2.2-17W | RTSP | RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No |

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/motion-triggered-adaptive-quality>

2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.

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MULTISENSOR CAMERA - CH52-E

CH52-E

Multisensor camera Tech Specs

General

| | | | |
|------------------------------|--------------------------------|----------------------|-----------------------------------|
| Operating Temperature | -40°C to 50°C / -40°F to 122°F | LED Indicator | System power and status indicator |
| Humidity | 0 to 90% | Warranty | 10 Years |

Certifications FCC, ICES-003, UL/IEC 62368-1, CE, RoHS, UKCA, VCCI, NDA, BIS, IK10 impact rating, IP66 weather rating

Included Accessories IR cover, mounting template, 3 mounting screws, 3 wall anchors, 2 screws, T10 security screwdriver, offset wrench

Mechanical

| | | | |
|-------------------|---|-------------|-----------------------------|
| Weight | Camera: 2.90kg / 6.37 lbs Mount plate: 5.3kg / 11.6 lbs | Body | Aluminum, plastic dome trim |
| Dimensions | Ø: 275mm / 10.82in, H: 188mm / 4.65in with mount plate Ø: 267mm / 10.51in, H: 154mm / 4.49in without mount plate | | |

Dimensions

Software capabilities

| | | | |
|--------------------------------------|---|--|--|
| Alerts¹ | Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection | Streaming and Storage¹ | Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, time lapse, RTSP |
| People Analytics¹ | People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis ² | Sharing and Privacy¹ | Live Link, privacy regions, audit log |
| Vehicle Analytics¹ | Vehicle search, attribute search | | |

Coverage examples

5. All the listed features can be enabled independently for each camera head.

6. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD3242/5242, CB5242, CH52-E and CF81-E (in panoramic mode only).

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FISHEYE CAMERA - CF81-E

CF81-E

Fisheye camera Tech Specs

Camera features

| | | | |
|--|--|-----------------------------|---|
| Image Sensor | 1/2.3" Progressive CMOS | Shutter Speed | 1/30 sec. to 1/16,000 sec. |
| Sensor Resolution¹ | 12MP (4032 x 3040) effective area (3008 x 3008) | Day/Night | IR-cut filter for day and night function |
| Lens Type | Fixed | IR Cut Filter | Yes |
| Focal Length | 1.8mm | IR Range | 20m / 66ft |
| Aperture | F2.8 | Minimum Illumination | 0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on |
| Iris | Fixed | Onboard Storage | Capacity: From 16GB to 2TB Card: MicroSD, SDXC |
| Field of View (after LDC)² | Horizontal: 180° Vertical: 180° Diagonal: 180° | CPU | Ambarella CV25588 |

Camera Movement N/A

Standard video settings

| | | | |
|--|--|----------------------------------|--|
| Compression | H.265, H.264 | Historical Video Settings | Adaptive quality |
| Frame Rate³ | 24fps | WDR Technology | 120dB dynamic range, true WDR, dual exposure |
| Video Streaming Settings (Per Head) | High quality (HQ) - 3,000 Kbps Standard quality (SQ) - 600 Kbps | | |

Standard audio settings

| | | | |
|-----------------------|---------------|------------------------|---------------------|
| Audio | Supported | Interface | Built-in microphone |
| Audio Capacity | One-way audio | Effective Range | 5m / 15ft |

Power and network

| | | | |
|--------------------------------------|---|---------------------|--|
| Power Input⁴ | With IR: IEEE 802.3at Type 1 PoE / IEEE 802.3at Type 2 PoE+ Extended temperature range: IEEE 802.3at Type 2 PoE+ | Connectivity | RJ-45 cable connector for network/PoE connection; 10/100 Mbps |
| Power Consumption⁴ | With IR: 4.2 S - 5.7V, 0.413-0.31A, 17.59W Without IR: 4.2 S - 5.7V, 0.121-0.09A, 5.10W Extended temperature range: 4.2 S - 5.7V, 0.57A - 0.422A, 24.1W | RTSP | RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No |

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/motion-triggered-adaptive-quality>

2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.

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APPROVALS

NOTES:

1. OWNER PROVIDED FIXTURES, CONTRACTOR INSTALLED.

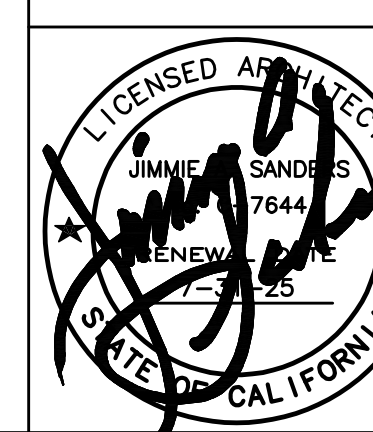
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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERAS REPLACEMENT**

Sheet Title
FIXTURE SCHEDULE - CAMERAS

| | | |
|--|----------------------------------|----------------------------------|
| | Document Date 04-09-25 | Project Number 23-061V |
| | Date Last Revised | Sheet Number CM2.1 |



**ACC-MNT-2
ARM MOUNT KIT**

ACC-MNT-2
Arm Mount Kit

Wall mounted extender arm with built in 1.5" female NPT thread.

Compatible with
Mounts: ACC-MNT-1, ACC-MNT-4, ACC-MNT-5, ACC-MNT-8, ACC-MNT-9, ACC-MNT-10

Tech Specs

| | | | |
|---------------------|-------------------------------|-----------------------|--------------------------------|
| Model Number | ACC-MNT-2 | Weight | 700g / 24.64oz |
| Material | Aluminum alloy | Box Dimensions | 270x175x134mm / 10.6x6.9x5.3in |
| Dimensions | 231x117x117mm / 9.1x4.6x4.6in | Box Weight | 964g / 34.08oz |
| Color | White | | |

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**ACC-MNT-7
ANGLE MOUNT KIT**

ACC-MNT-7
Angle Mount Kit

Mounts Fisheye and Dome cameras 30 degrees from wall for improved field of view.

Compatible with
Cameras: Dome Series, Fisheye Camera, D30, D50, D80
Mounts: ACC-MNT-4, ACC-MNT-9, ACC-MNT-10

Tech Specs

| | | | |
|---------------------|------------------------------|-----------------------|---|
| Model Number | ACC-MNT-7 | Weight | 390g / 13.75oz |
| Material | Aluminum alloy | Box Dimensions | 160x180x100mm / 6.3x6.3x3.9in |
| Dimensions | 115x115x42mm / 4.5x4.5x1.7in | Box Weight | 440g / 16.23oz |
| Color | White | Box Includes | Metal accessory base, metal mount ring, 3 counter sink screws, 3 thumbscrews, rubber plug |

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**ACC-MNT-8
PENDANT CAP MOUNTING ADAPTER KIT, 2ND GENERATION**

ACC-MNT-8
Pendant Cap Mounting Adapter Kit, 2nd Generation

Threaded cap features built in 3/4" female NPT and 1.5" male NPT threads.

Compatible with
Cameras: Dome Series, Fisheye Camera, Multisensor Camera, D30, D50, D80
Mounts: ACC-MNT-2

Tech Specs

| | | | |
|---------------------|------------------------|-----------------------|-------------------------------------|
| Model Number | ACC-MNT-8 | Weight | 300g / 10.58oz |
| Material | Aluminum alloy | Box Dimensions | 510x490x220mm / 20.1x19.3x8.7in |
| Dimensions | Ø115x42mm / Ø4.5x1.7in | Box Weight | 350g / 12.34oz |
| Color | White | Box Includes | Mount cap, set screw, 3 thumbscrews |

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APPROVALS

MOUNT DETAIL

SCALE: N.T.S.

A

MOUNT DETAIL

SCALE: N.T.S.

B

MOUNT DETAIL

SCALE: N.T.S.

C

**ACC-MNT-9
POLE MOUNT ADAPTER, 2ND GENERATION**

ACC-MNT-9
Pole Mount Adapter, 2nd Generation

For mounting a camera to a circular pole. Suitable for poles up to 152.4mm (6") in diameter. Minimum pole diameter of 1.25" (32mm).

Compatible with
Cameras: Bullet Series
Mounts: ACC-MNT-2, ACC-MNT-3, or ACC-MNT-7

Tech Specs

| | | | |
|---------------------|------------------------------|-----------------------|---|
| Model Number | ACC-MNT-9 | Weight | 742g / 26.17oz |
| Material | Steel | Box Dimensions | 194x135x269mm / 7.6x5.3x10.6in |
| Dimensions | 160x150x68mm / 6.3x6.3x2.7in | Box Weight | 1190g / 41.97oz |
| Color | White | Box Includes | Adapter plate, metal straps (2 sets), fasteners for compatible mounts |

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**ACC-MNT-10
CORNER MOUNT KIT**

ACC-MNT-10
Corner Mount Kit

Versatile bracket for mounting a range of accessories and cameras on corners.

Compatible with
Cameras: Dome Series, Bullet Series, D30, D50, D80
Mounts: ACC-MNT-2, ACC-MNT-3, ACC-MNT-7

Tech Specs

| | | | |
|---------------------|--------------------------------|-----------------------|--------------------------------|
| Model Number | ACC-MNT-10 | Weight | 1890g / 66.67oz |
| Material | Steel | Box Dimensions | 267x118x203mm / 10.5x4.7x8.0in |
| Dimensions | 190x263x170mm / 7.5x10.4x6.7in | Box Weight | 2,740g / 96.65oz |
| Color | White | | |

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**ACC-MNT-11
SQUARE JUNCTION BOX**

ACC-MNT-11
Square Junction Box

Square junction box for mounting Bullet cameras.

Compatible with
Cameras: Bullet Series
Mounts: ACC-MNT-9, ACC-MNT-10

Tech Specs

| | | | |
|---------------------|------------------------------|-----------------------|---|
| Model Number | ACC-MNT-11 | Weight | 303g / 10.68oz |
| Material | Aluminum alloy | Box Dimensions | 150x140x49mm / 5.9x5.5x1.9in |
| Dimensions | 128x128x40mm / 5.0x5.0x1.6in | Box Weight | 344g / 12.83oz |
| Color | White | Box Includes | Junction box, 2x 3/4" NPT plugs, 4x buttonhead screws |

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NOTES:

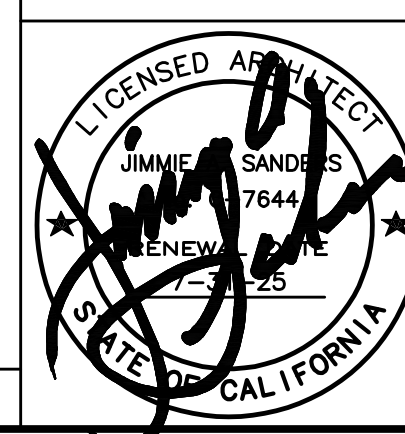
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Project Title
**IMPERIAL VALLEY COLLEGE
CAMPUS SECURITY CAMERAS REPLACEMENT**

Sheet Title
FIXTURE SCHEDULE - CAMERA MOUNTS



Document Date
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Project Number
23-061V

Sheet Number
CM2.2

MOUNT DETAIL

SCALE: N.T.S.

D

MOUNT DETAIL

SCALE: N.T.S.

E

MOUNT DETAIL

SCALE: N.T.S.

F