

# 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 :

ROMUALDO J. MEDINA - PRESIDENT <small>AREA 2</small>	KARLA SIGMOND <small>AREA 6</small>	DR. LENNOR M. JOHNSON - SECRETARY
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JERRY HART <small>AREA 3</small>		BETSY LINDBERGH <small>AREA 5</small>

### APPROVALS

CONSULTANTS
<p><b>ELECTRICAL</b> KRUSE AND ASSOCIATES KEITH KRUSE 12245 WORLD TRADE DRIVE SUITE E SAN DIEGO CA 92128 (658) 616-4116</p>
STATEMENT OF GENERAL CONFORMANCE
<p><input type="checkbox"/> THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET <input type="checkbox"/> THIS DRAWING, OR PAGE OF SPECIFICATIONS / CALCULATIONS FOR LIGHTS STANDARDS, LIGHTING SECTION OF SHEET INDEX</p> <p>HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND / OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:</p> <p>1) DESIGN CONTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND</p> <p>2) COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.</p> <p>THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17502 AND 17503 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1, SECTION 4-311 (b).</p> <p>I FIND THAT:</p> <p><input type="checkbox"/> ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET <input checked="" type="checkbox"/> THIS DRAWING OR PAGE OF SPECIFICATIONS / CALCULATIONS FOR IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN, AND <input checked="" type="checkbox"/> HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS SPECIFICATIONS.</p> <p>JIMMIE SANDERS C-7644 ARCHITECT / ENGINEER OF RECORD</p>

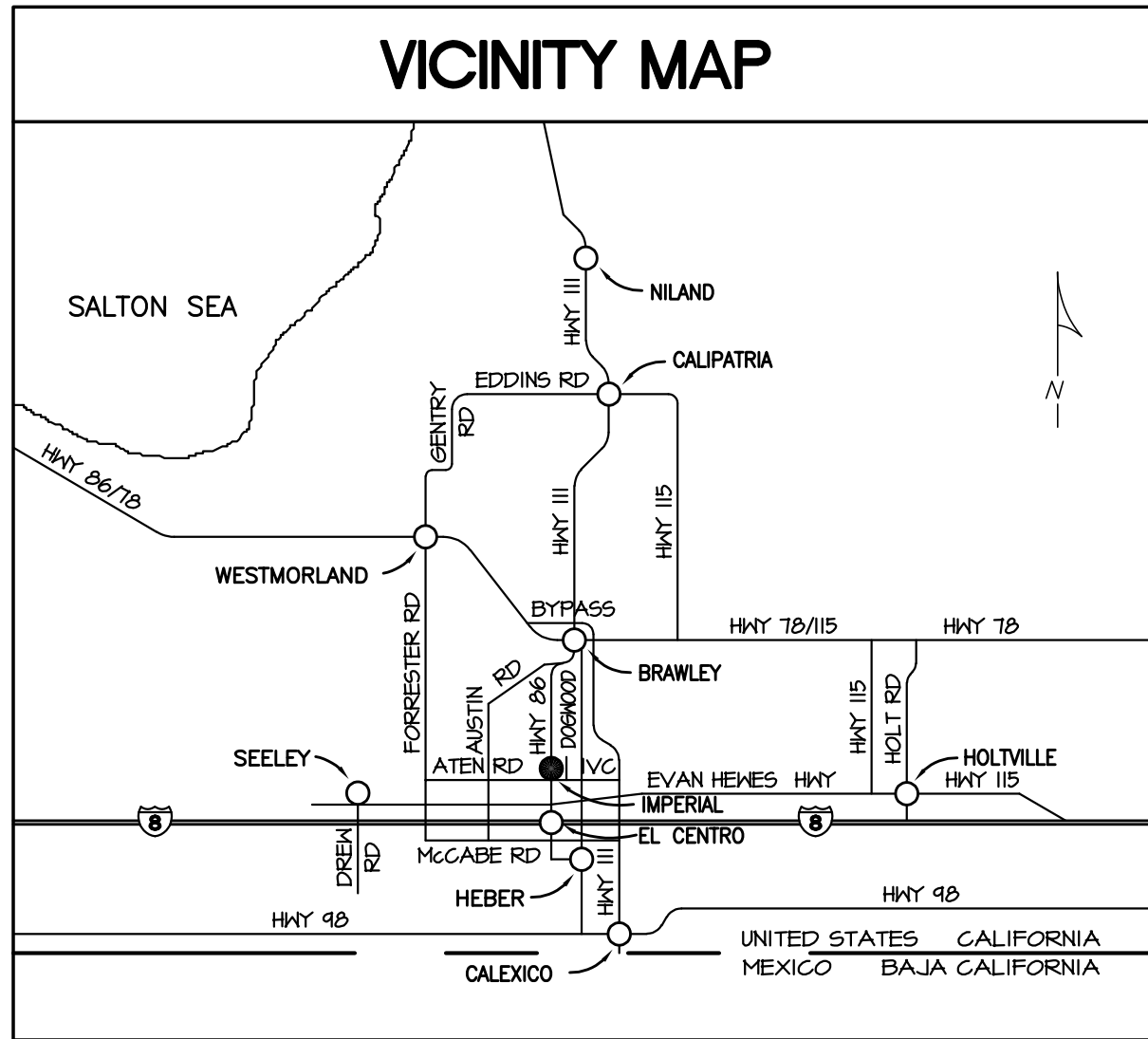
PROJECT BIDDING
<p><b>BASE BID</b></p> <p>BASE BID SHALL INCLUDE ALL WORK SHOWN ON CONTRACT DOCUMENTS AS REQUIRED TO INSTALL THE DISTRICT'S COMPREHENSIVE INSTALLATION OF THEIR CAMPUS SECURITY CAMERA SYSTEM.</p> <ol style="list-style-type: none"> <li>TRENCHING AND BACKFILLING ARE REQUIRED TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>PROVIDE AND INSTALL UNDERGROUND CONDUITS TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>PROVIDE AND INSTALL ELECTRICAL AND LOW-VOLTAGE WIRES TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>MISCELLANEOUS IRRIGATION AND LANDSCAPING WORK AS REFERENCED IN THE CONTRACT DOCUMENTS.</li> <li>MISCELLANEOUS HARDSCAPE IMPROVEMENTS.</li> <li>INSTALLATION OF SECURITY CAMERAS THROUGHOUT THE CAMPUS.</li> <li>REPAIR OR INSTALL MISCELLANEOUS ARCHITECTURAL FINISHES AS REQUIRED TO SUPPORT THE CAMERA SYSTEMS.</li> </ol> <p><b>BID EXCLUSIONS</b></p> <ol style="list-style-type: none"> <li>PURCHASE OF ALL CAMERA EQUIPMENT AND WARRANTIES.</li> </ol>

GENERAL NOTES
<p><b>1. EXAMINATION OF SITE AND CONTRACT DOCUMENTS:</b></p> <p>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 WISE 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 ADDENDUM MAY BE ISSUED.</p> <p><b>2. PROJECT SCOPE:</b></p> <p>THE SCOPE OF WORK FOR THIS PROJECT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING ITEMS:</p> <ol style="list-style-type: none"> <li>TRENCHING AND BACKFILLING ARE REQUIRED TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>PROVIDE AND INSTALL UNDERGROUND CONDUITS TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>PROVIDE AND INSTALL ELECTRICAL AND LOW-VOLTAGE WIRES TO SUPPORT THE CAMPUS SECURITY CAMERA SYSTEM.</li> <li>MISCELLANEOUS IRRIGATION AND LANDSCAPING WORK AS REFERENCED IN THE CONTRACT DOCUMENTS.</li> <li>MISCELLANEOUS HARDSCAPE IMPROVEMENTS.</li> <li>INSTALLATION OF SECURITY CAMERAS THROUGHOUT THE CAMPUS.</li> <li>REPAIR OR INSTALL MISCELLANEOUS ARCHITECTURAL FINISHES AS REQUIRED TO SUPPORT THE CAMERA SYSTEMS.</li> </ol> <p><b>3. GEOLOGICAL AND SOILS REPORT:</b></p> <p>NONE THIS PROJECT.</p> <p><b>4. CODES AND STANDARDS:</b></p> <p>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 2009 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS</p>

GENERAL NOTES																																													
<p><b>PARTIAL LIST OF APPLICABLE STANDARDS:</b></p> <table border="0" style="width: 100%;"> <tr> <td>NFPA 13</td> <td>STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)</td> <td>2022 EDITION</td> </tr> <tr> <td>NFPA 14</td> <td>STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED)</td> <td>2019 EDITION</td> </tr> <tr> <td>NFPA 17</td> <td>STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS</td> <td>2021 EDITION</td> </tr> <tr> <td>NFPA 17A</td> <td>STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS</td> <td>2021 EDITION</td> </tr> <tr> <td>NFPA 20</td> <td>STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION</td> <td>2018 EDITION</td> </tr> <tr> <td>NFPA 22</td> <td>STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION</td> <td>2023 EDITION</td> </tr> <tr> <td>NFPA 24</td> <td>STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED)</td> <td>2019 EDITION</td> </tr> <tr> <td>NFPA 72</td> <td>NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)</td> <td>2022 EDITION</td> </tr> <tr> <td>NFPA 80</td> <td>STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES</td> <td>2014 EDITION</td> </tr> <tr> <td>NFPA 2001</td> <td>STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)</td> <td>2016 EDITION</td> </tr> <tr> <td>UL 500</td> <td>STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT</td> <td>2009 (R2010)</td> </tr> <tr> <td>UL 464</td> <td>AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES</td> <td>2009 EDITION</td> </tr> <tr> <td>UL 521</td> <td>STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS</td> <td>1998 EDITION (WITH REVISIONS THROUGH AUGUST 2005)</td> </tr> <tr> <td>UL 1971</td> <td>STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED</td> <td>2016 EDITION</td> </tr> <tr> <td>ICC 300</td> <td>STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS</td> <td>2017 EDITION</td> </tr> </table> <p>FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (5FM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.</p> <p>SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.</p> <p><b>5. INSPECTION:</b> BY OWNER.</p> <p><b>6. CHANGES TO APPROVED DRAWINGS:</b> CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE ARCHITECT.</p> <p><b>7. DEFERRED APPROVALS:</b> NONE THIS PROJECT.</p> <p><b>8. D.S.A. CLOSE-OUT CERTIFICATION:</b> THIS PROJECT NOT LINKED TO OTHER DSA PROJECTS.</p> <p><b>9. CONSTRUCTION FIRE SAFETY:</b> CONTRACTOR IS RESPONSIBLE FOR FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION AND SHALL COMPLY WITH CFC CHAPTER 14.</p>	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	2018 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	2014 EDITION	NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)	2016 EDITION	UL 500	STANDARD FOR FIRE TESTING OF FIRE 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	1998 EDITION (WITH REVISIONS THROUGH AUGUST 2005)	UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2016 EDITION	ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION
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<b>SHEET COUNT: 61 SHEETS</b>	



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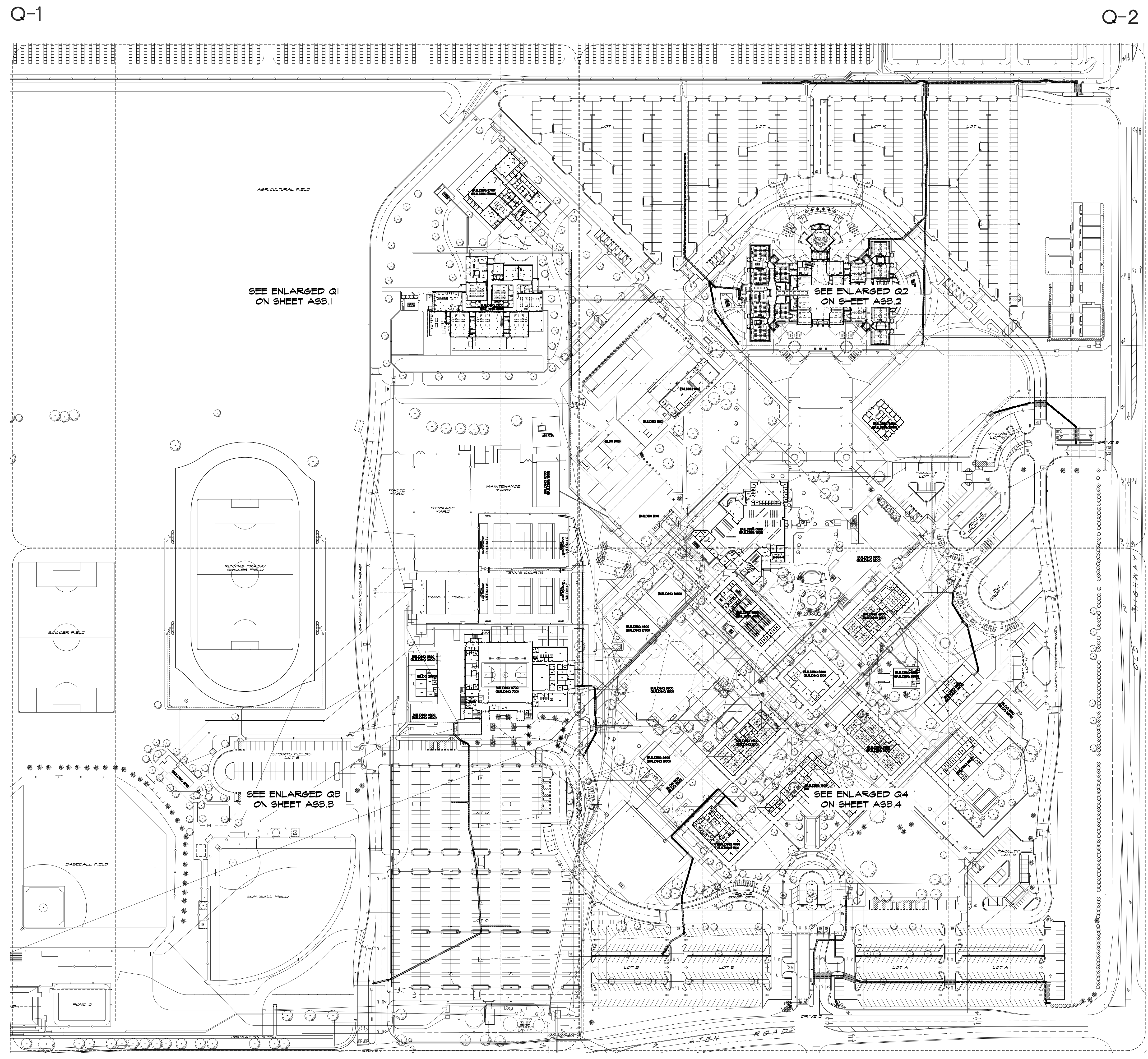
Project Title	Document Date	Project Number
<b>IMPERIAL VALLEY COLLEGE CAMPUS SECURITY CAMERA REPLACEMENT</b>	11-17-23	<b>23-061V</b>
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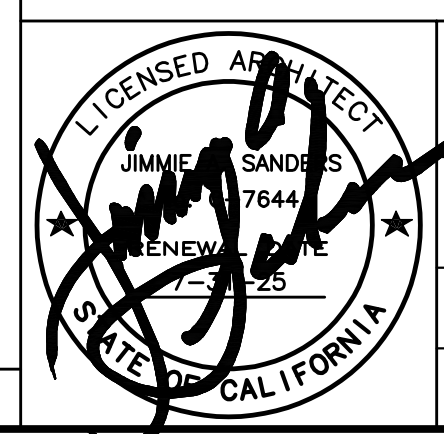
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**DEMOLITION PLAN**



Document Date  
 11-17-23

Date Last Revised

Project Number  
 23-061V

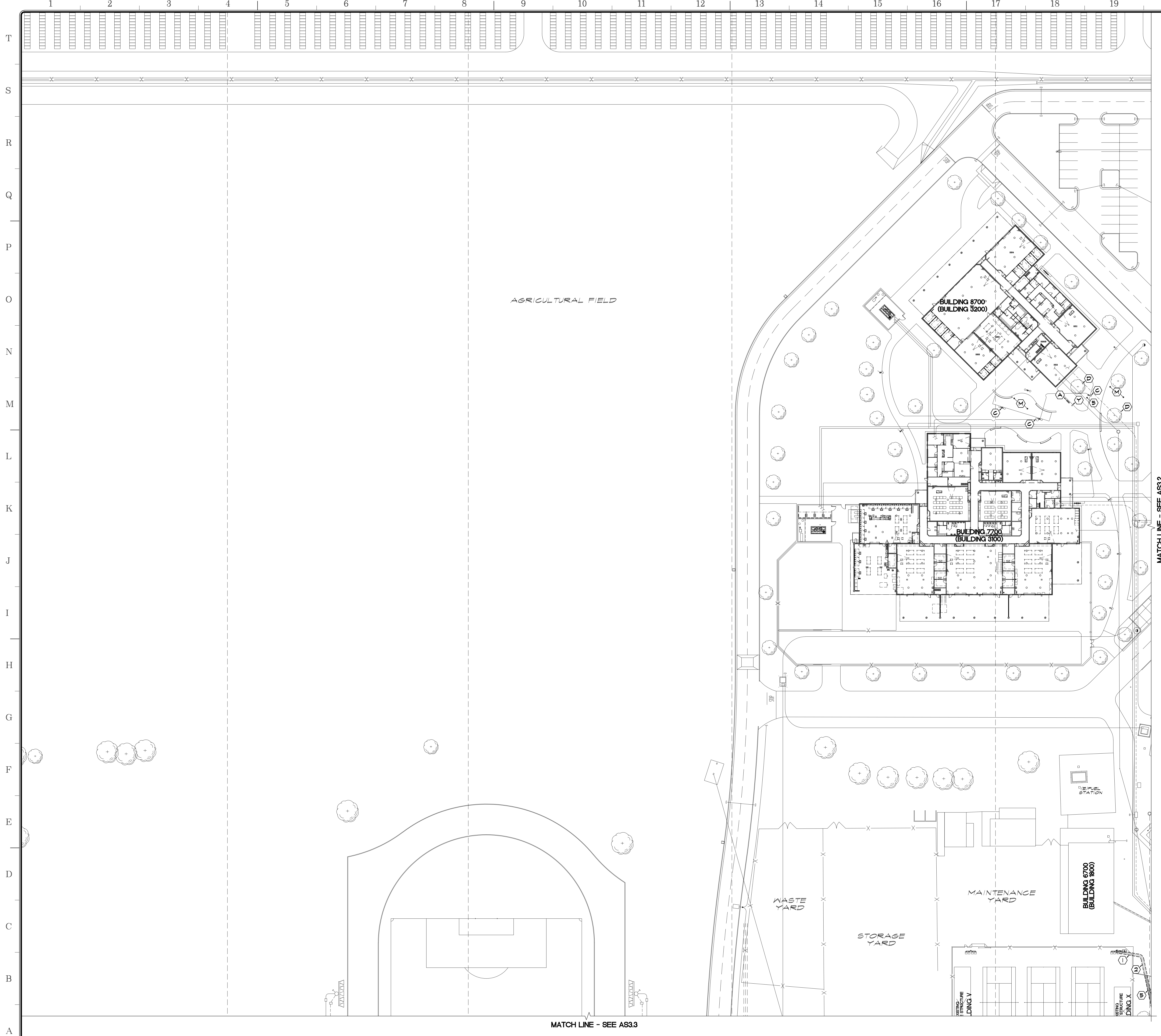
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SCALE: 1" = 100'-0"

DEMOLITION PLAN

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24





**APPROVALS**

**DEMOLITION KEYNOTES:**

- ① SAWCUT AND REMOVE EXISTING SITE CONCRETE TO EXTENTS SHOWN
- ② SAWCUT AND REMOVE EXISTING ASPHALT AS REQUIRED FOR NEW WORK
- ③ REMOVE SECTION OF EXISTING CONCRETE CURB AND GUTTER
- ④ REMOVE AND RE-INSTALL IRRIGATION LINES AS REQUIRED TO ALLOW NEW COMMUNICATION AND/OR ELECTRICAL LINES FOR NEW CAMERAS INSTALLATION
- ⑤ REMOVE SECTION OF EXISTING LANDSCAPE FOR NEW WORK - REFER TO LANDSCAPE PLANS
- ⑥ REMOVE SECTION OF EXISTING DIRT FOR NEW WORK
- ⑦ EXISTING SURVEILLANCE CAMERAS - REMOVE

**EXISTING KEYNOTES:**

- Ⓐ EXISTING STRUCTURE, PROTECT
- Ⓑ EXISTING ACCESSIBLE RAMP, PROTECT
- Ⓒ EXISTING LIGHT STANDARD, PROTECT
- Ⓓ EXISTING TREE, PROTECT
- Ⓔ EXISTING TRASH ENCLOSURE
- Ⓕ EXISTING CONCRETE SIDEWALK, PROTECT
- Ⓖ EXISTING MAIN ELECTRICAL DISTRIBUTION SWITCHGEAR, PROTECT
- Ⓗ EXISTING FIRE RISER, PROTECT
- Ⓙ EXISTING DUAL PORT FIRE HYDRANT, PROTECT
- Ⓚ EXISTING POST INDICATOR VALVE, PROTECT
- Ⓛ EXISTING CONCRETE CURB/GUTTER, PROTECT
- Ⓜ EXISTING LANDSCAPING, PROTECT
- Ⓝ EXISTING TRUNCATED DOMES, PROTECT
- Ⓟ EXISTING COMMUNICATIONS VAULT, PROTECT
- Ⓡ EXISTING CHAIN LINK FENCING, PROTECT
- Ⓢ EXISTING CONCRETE SHALE, PROTECT
- Ⓣ EXISTING ASPHALT PAVING PARKING, PROTECT
- Ⓤ EXISTING PARKING STALLS STRIPING TO REMAIN
- Ⓡ EXISTING WATER METER & SHUT OFF VALVE, PROTECT
- Ⓥ EXISTING WATER BACKFLOW PREVENTER, PROTECT
- Ⓧ EXISTING BUILDING MASONRY COLUMN
- Ⓡ EXISTING STORM DRAIN, PROTECT
- Ⓣ EXISTING BLUE POLE, PROTECT

**LEGEND:**

- 5300 FUTURE BUILDING NUMBER
- 2100 CURRENT BUILDING NUMBER
- BENCH MARK, TOP OF NAIL AT POWER POLES
- X- EXISTING CHAINLINK FENCING
- - - EXISTING STEEL FENCING
- ▨ EXISTING AG PAVING TO BE REMOVED
- ▩ EXISTING CONCRETE SIDEWALK TO BE REMOVED
- EXISTING DIRT TO BE REMOVED
- EXISTING LANDSCAPE TO BE REMOVED
- EXISTING DECOMPOSED GRANITE TO BE REMOVED
- ▽ EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- ⚡ POWER POLE
- NS NATURAL SOIL
- TC TOP OF CURB
- FL FLOW LINE
- AC ASPHALT PAVING
- FF FINISH FLOOR

**NOTES:**

1. DEMOLITION KEYNOTES ARE NOT INTENDED TO SHOW ALL DEMOLITION REQUIRED FOR PROPOSED IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING IMPROVEMENTS/CONDITIONS REQUIRED TO COMPLETE WORK FOR PROPOSED IMPROVEMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING IRRIGATION SYSTEM. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL REQUEST FOR ANY IRRIGATION AS-BUILTS IN ALL PLANTER AREAS, OR AS DENOTED WITHIN THE PLANS. CONTRACTOR SHALL CAP LINE AWAY FROM PROPOSED IMPROVEMENTS, AND NOTIFY ARCHITECT/SCHOOL DISTRICT. UNFORESEEN IRRIGATION INFRASTRUCTURE SHALL BE REPAIRED PER DISTRICT STANDARDS AND COVERED BY PROJECT ALLOWANCE.
3. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO 2022 CFC CHAPTER 33.
4. ALL AREAS OF CONCRETE SAWCUT SHOULD CONSIDER NEAREST COLD JOINTS FOR DEMOLITION.

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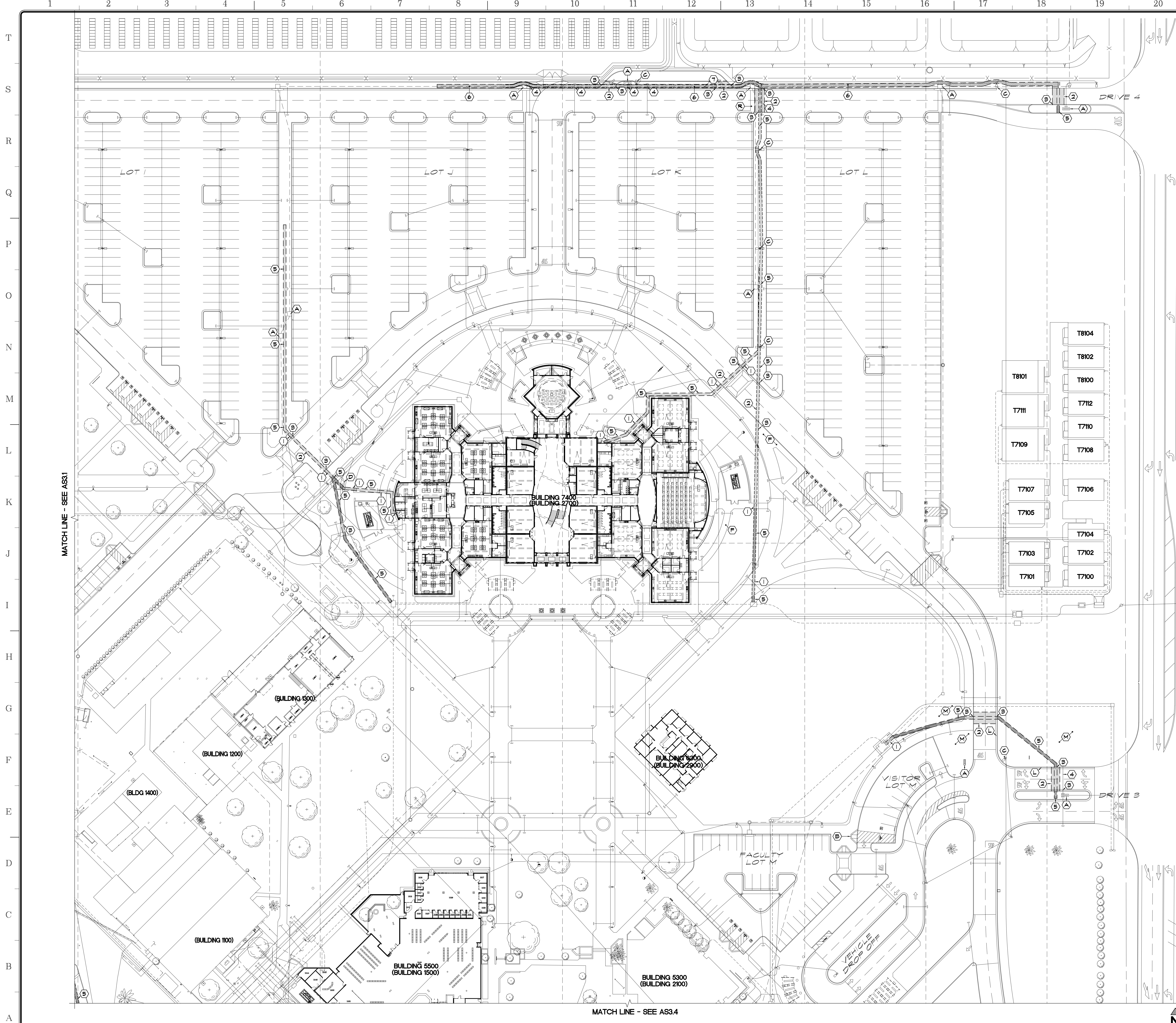
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**DEMOLITION PLAN - Q1**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		AS3.1





**APPROVALS**

**DEMOLITION KEYNOTES:**

- ① SAWCUT AND REMOVE EXISTING SITE CONCRETE TO EXTENTS SHOWN
- ② SAWCUT AND REMOVE EXISTING ASPHALT AS REQUIRED FOR NEW WORK
- ③ REMOVE SECTION OF EXISTING CONCRETE CURB AND GUTTER
- ④ REMOVE AND RE-INSTALL IRRIGATION LINES AS REQUIRED TO ALLOW NEW COMMUNICATION AND/OR ELECTRICAL LINES FOR NEW CAMERAS INSTALLATION
- ⑤ REMOVE SECTION OF EXISTING LANDSCAPE FOR NEW WORK - REFER TO LANDSCAPE PLANS
- ⑥ REMOVE SECTION OF EXISTING DIRT FOR NEW WORK
- ⑦ EXISTING SURVEILLANCE CAMERAS - REMOVE

**EXISTING KEYNOTES:**

- (A) EXISTING STRUCTURE, PROTECT
- (B) EXISTING ACCESSIBLE RAMP, PROTECT
- (C) EXISTING LIGHT STANDARD, PROTECT
- (D) EXISTING TREE, PROTECT
- (E) EXISTING TRASH ENCLOSURE
- (F) EXISTING CONCRETE SIDEWALK, PROTECT
- (G) EXISTING MAIN ELECTRICAL DISTRIBUTION SWITCHGEAR, PROTECT
- (H) EXISTING FIRE RISER, PROTECT
- (I) EXISTING DUAL PORT FIRE HYDRANT, PROTECT
- (J) EXISTING POST INDICATOR VAULVE, PROTECT
- (K) EXISTING CONCRETE CURB/GUTTER, PROTECT
- (L) EXISTING LANDSCAPING, PROTECT
- (M) EXISTING TRUNCATED DOMES, PROTECT
- (N) EXISTING COMMUNICATION VAULT, PROTECT
- (O) EXISTING CHAIN LINK FENCING, PROTECT
- (P) EXISTING CONCRETE SHALE, PROTECT
- (Q) EXISTING ASPHALT PAVING PARKING, PROTECT
- (R) EXISTING PARKING STALLS STRIPING TO REMAIN
- (S) EXISTING WATER METER & SHUT OFF VALVE, PROTECT
- (T) EXISTING WATER BACKFLOW PREVENTER, PROTECT
- (U) EXISTING BUILDING MASONRY COLUMN
- (V) EXISTING STORM DRAIN, PROTECT
- (W) EXISTING BLUE POLE, PROTECT

**LEGEND:**

- BUILDING 5300 FUTURE BUILDING NUMBER
- (BUILDING 2100) CURRENT BUILDING NUMBER
- BENCH MARK, TOP OF NAIL AT POWER POLES
- - - - - EXISTING CHAINLINK FENCING
- — — — — EXISTING STEEL FENCING
- [Hatched] EXISTING AC PAVING TO BE REMOVED
- [Dotted] EXISTING CONCRETE SIDEWALK TO BE REMOVED
- [Stippled] EXISTING DIRT TO BE REMOVED
- [Cross-hatched] EXISTING LANDSCAPE TO BE REMOVED
- [Diagonal lines] EXISTING DECOMPOSED GRANITE TO BE REMOVED
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- ⚡ POWER POLE
- NS NATURAL SOIL
- TC TOP OF CURB
- FL FLOW LINE
- AC ASPHALT PAVING
- FF FINISH FLOOR

**NOTES:**

1. DEMOLITION KEYNOTES ARE NOT INTENDED TO SHOW ALL DEMOLITION REQUIRED FOR PROPOSED IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING IMPROVEMENTS/CONDITIONS REQUIRED TO COMPLETE WORK FOR PROPOSED IMPROVEMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING IRRIGATION SYSTEM. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL REQUEST FOR ANY IRRIGATION AS-BUILTS IN ALL PLANTER AREAS, OR AS DENOTED WITHIN THE PLANS. CONTRACTOR SHALL CAP LINE AWAY FROM PROPOSED IMPROVEMENTS, AND NOTIFY ARCHITECT/SCHOOL DISTRICT. UNFORESEEN IRRIGATION INFRASTRUCTURE SHALL BE REPAIRED PER DISTRICT STANDARDS AND COVERED BY PROJECT ALLOWANCE.
3. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO 2022 CFC CHAPTER 33.
4. ALL AREAS OF CONCRETE SAWCUT SHOULD CONSIDER NEAREST COLD JOINTS FOR DEMOLITION.

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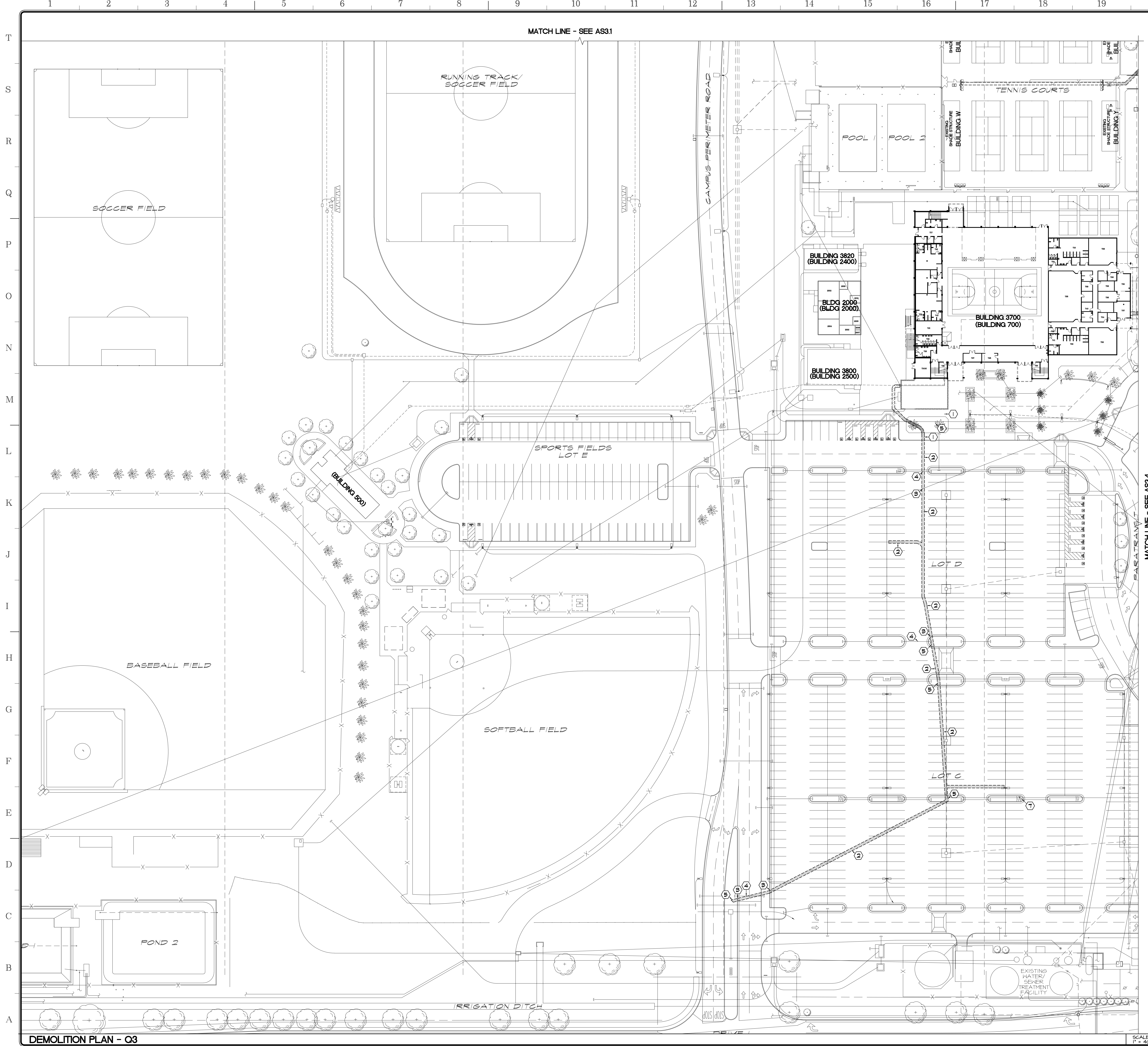
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**DEMOLITION PLAN - Q2**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>AS3.2</b>





MATCH LINE - SEE AS3.1

MATCH LINE - SEE AS3.4

**APPROVALS**

**DEMOLITION KEYNOTES:**

- ① SAWCUT AND REMOVE EXISTING SITE CONCRETE TO EXTENTS SHOWN
- ② SAWCUT AND REMOVE EXISTING ASPHALT AS REQUIRED FOR NEW WORK
- ③ REMOVE SECTION OF EXISTING CONCRETE CURB AND GUTTER
- ④ REMOVE AND RE-INSTALL IRRIGATION LINES AS REQUIRED TO ALLOW NEW COMMUNICATION AND/OR ELECTRICAL LINES FOR NEW CAMERAS INSTALLATION
- ⑤ REMOVE SECTION OF EXISTING LANDSCAPE FOR NEW WORK - REFER TO LANDSCAPE PLANS
- ⑥ REMOVE SECTION OF EXISTING DIRT FOR NEW WORK
- ⑦ EXISTING SURVEILLANCE CAMERAS - REMOVE

**EXISTING KEYNOTES:**

- (A) EXISTING STRUCTURE, PROTECT
- (B) EXISTING ACCESSIBLE RAMP, PROTECT
- (C) EXISTING LIGHT STANDARD, PROTECT
- (D) EXISTING TREE, PROTECT
- (E) EXISTING TRASH ENCLOSURE
- (F) EXISTING CONCRETE SIDEWALK, PROTECT
- (G) EXISTING MAIN ELECTRICAL DISTRIBUTION SWITCHGEAR, PROTECT
- (H) EXISTING FIRE RISER, PROTECT
- (I) EXISTING DUAL PORT FIRE HYDRANT, PROTECT
- (J) EXISTING POST INDICATOR VAULVE, PROTECT
- (K) EXISTING CONCRETE CURB/GUTTER, PROTECT
- (L) EXISTING LANDSCAPING, PROTECT
- (M) EXISTING TRUNCATED DOMES, PROTECT
- (N) EXISTING COMMUNICATION VAULT, PROTECT
- (O) EXISTING CHAIN LINK FENCING, PROTECT
- (P) EXISTING CONCRETE SHALE, PROTECT
- (Q) EXISTING ASPHALT PAVING PARKING, PROTECT
- (R) EXISTING PARKING STALLS STRIPING TO REMAIN
- (S) EXISTING WATER METER & SHUT OFF VALVE, PROTECT
- (T) EXISTING WATER BACKFLOW PREVENTER, PROTECT
- (U) EXISTING BUILDING MASONRY COLUMN
- (V) EXISTING STORM DRAIN, PROTECT
- (W) EXISTING BLUE POLE, PROTECT

**LEGEND:**

- BUILDING 5300 FUTURE BUILDING NUMBER
- (BUILDING 2100) CURRENT BUILDING NUMBER
- XXXXX BENCH MARK; TOP OF NAIL AT POWER POLES
- X EXISTING CHAINLINK FENCING
- EXISTING STEEL FENCING
- EXISTING AC PAVING TO BE REMOVED
- EXISTING CONCRETE SIDEWALK TO BE REMOVED
- EXISTING DIRT TO BE REMOVED
- EXISTING LANDSCAPE TO BE REMOVED
- EXISTING DECOMPOSED GRANITE TO BE REMOVED
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- POWER POLE
- NS NATURAL SOIL
- TC TOP OF CURB
- FL FLOH LINE
- AC ASPHALT PAVING
- FF FINISH FLOOR

**NOTES:**

1. DEMOLITION KEYNOTES ARE NOT INTENDED TO SHOW ALL DEMOLITION REQUIRED FOR PROPOSED IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING IMPROVEMENTS/CONDITIONS REQUIRED TO COMPLETE WORK FOR PROPOSED IMPROVEMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING IRRIGATION SYSTEM. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL REQUEST FOR ANY IRRIGATION AS-BUILTS IN ALL PLANTER AREAS, OR AS DENOTED WITHIN THE PLANS. CONTRACTOR SHALL CAP LINE AWAY FROM PROPOSED IMPROVEMENTS, AND NOTIFY ARCHITECT/SCHOOL DISTRICT. UNFORESEEN IRRIGATION INFRASTRUCTURE SHALL BE REPAIRED PER DISTRICT STANDARDS AND COVERED BY PROJECT ALLOWANCE.
3. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO 2022 CFC CHAPTER 33.
4. ALL AREAS OF CONCRETE SAWCUT SHOULD CONSIDER NEAREST COLD JOINTS FOR DEMOLITION.

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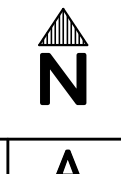
Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**DEMOLITION PLAN - Q3**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>AS3.3</b>

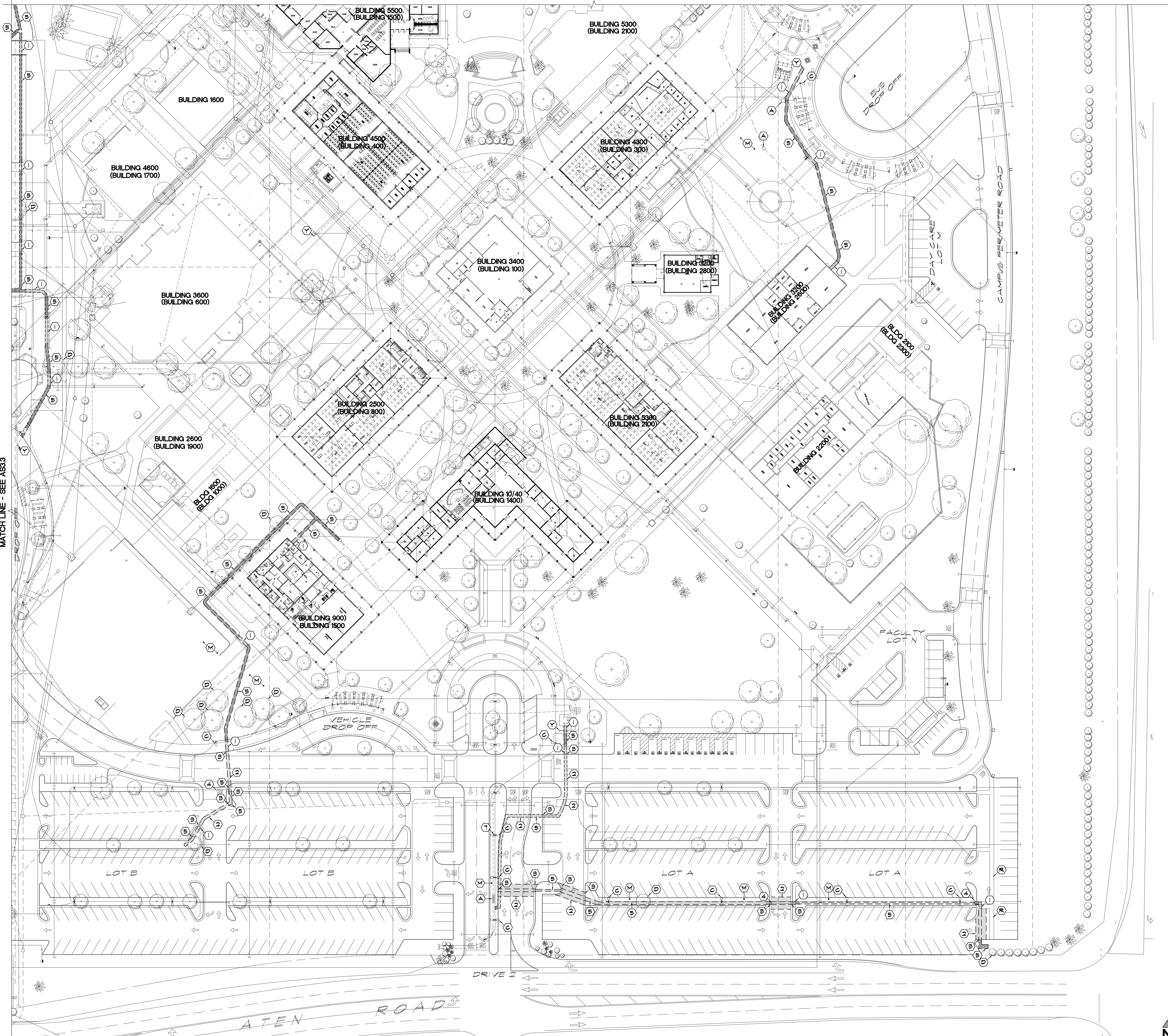
DEMOLITION PLAN - Q3

SCALE: 1" = 40'-0"





MATCH LINE - SEE AS32



**APPROVALS**

**DEMOLITION KEYNOTES:**

- ① SAWCUT AND REMOVE EXISTING SITE CONCRETE TO EXTENTS SHOWN
- ② SAWCUT AND REMOVE EXISTING ASPHALT AS REQUIRED FOR NEW WORK
- ③ REMOVE SECTION OF EXISTING CONCRETE CURB AND GUTTER
- ④ REMOVE AND RE-INSTALL IRRIGATION LINES AS REQUIRED TO ALLOW NEW COMMUNICATION AND/OR ELECTRICAL LINES FOR NEW CAMERAS INSTALLATION
- ⑤ REMOVE SECTION OF EXISTING LANDSCAPE FOR NEW WORK - REFER TO LANDSCAPE PLANS
- ⑥ REMOVE SECTION OF EXISTING DIRT FOR NEW WORK
- ⑦ EXISTING SURVEILLANCE CAMERAS - REMOVE

**EXISTING KEYNOTES:**

- (A) EXISTING STRUCTURE, PROTECT
- (B) EXISTING ACCESSIBLE RAMP, PROTECT
- (C) EXISTING LIGHT STANDARD, PROTECT
- (D) EXISTING TREE, PROTECT
- (E) EXISTING TRASH ENCLOSURE
- (F) EXISTING CONCRETE SIDEWALK, PROTECT
- (G) EXISTING MAIN ELECTRICAL DISTRIBUTION SWITCHGEAR, PROTECT
- (H) EXISTING FIRE RISER, PROTECT
- (I) EXISTING DUAL PORT FIRE HYDRANT, PROTECT
- (J) EXISTING POST INDICATOR VALVE, PROTECT
- (K) EXISTING CONCRETE CURB/GUTTER, PROTECT
- (L) EXISTING LANDSCAPING, PROTECT
- (M) EXISTING TRUNCATED DOMES, PROTECT
- (N) EXISTING COMMUNICATION VAULT, PROTECT
- (O) EXISTING CHAIN LINK FENCING, PROTECT
- (P) EXISTING CONCRETE SHALE, PROTECT
- (Q) EXISTING ASPHALT PAVING PARKING, PROTECT
- (R) EXISTING PARKING STALLS STRIPING TO REMAIN
- (S) EXISTING WATER METER & SHUT OFF VALVE, PROTECT
- (T) EXISTING WATER BACKFLOW PREVENTER, PROTECT
- (X) EXISTING BUILDING MASONRY COLUMN
- (Y) EXISTING STORM DRAIN, PROTECT
- (Z) EXISTING BLUE POLE, PROTECT

**LEGEND:**

- BUILDING 5300 FUTURE BUILDING NUMBER
- (BUILDING 2100) CURRENT BUILDING NUMBER
- XXXX BENCH MARK, TOP OF NAIL AT POWER POLES
- X EXISTING CHAINLINK FENCING
- EXISTING STEEL FENCING
- EXISTING AC PAVING TO BE REMOVED
- EXISTING CONCRETE SIDEWALK TO BE REMOVED
- EXISTING DIRT TO BE REMOVED
- EXISTING LANDSCAPE TO BE REMOVED
- EXISTING DECOMPOSED GRANITE TO BE REMOVED
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- POWER POLE
- NS NATURAL SOIL
- TC TOP OF CURB
- FL FLOW LINE
- AC ASPHALT PAVING
- FF FINISH FLOOR

**NOTES:**

1. DEMOLITION KEYNOTES ARE NOT INTENDED TO SHOW ALL DEMOLITION REQUIRED FOR PROPOSED IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING IMPROVEMENTS/CONDITIONS REQUIRED TO COMPLETE WORK FOR PROPOSED IMPROVEMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING IRRIGATION SYSTEM PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REQUEST FOR ANY IRRIGATION AS-BUILTS IN ALL PLANTER AREAS, OR AS DENOTED WITHIN THE PLANS. CONTRACTOR SHALL CAP LINE AWAY FROM PROPOSED IMPROVEMENTS, AND NOTIFY ARCHITECT/SCHOOL DISTRICT. UNFORESEEN IRRIGATION INFRASTRUCTURE SHALL BE REPAIRED PER DISTRICT STANDARDS AND COVERED BY PROJECT ALLOWANCE.
3. FIRE PROTECTION DURING DEMOLITION AND CONSTRUCTION SHALL CONFORM TO 2022 CFC CHAPTER 33.
4. ALL AREAS OF CONCRETE SAWCUT SHOULD CONSIDER NEAREST COLD JOINTS FOR DEMOLITION.

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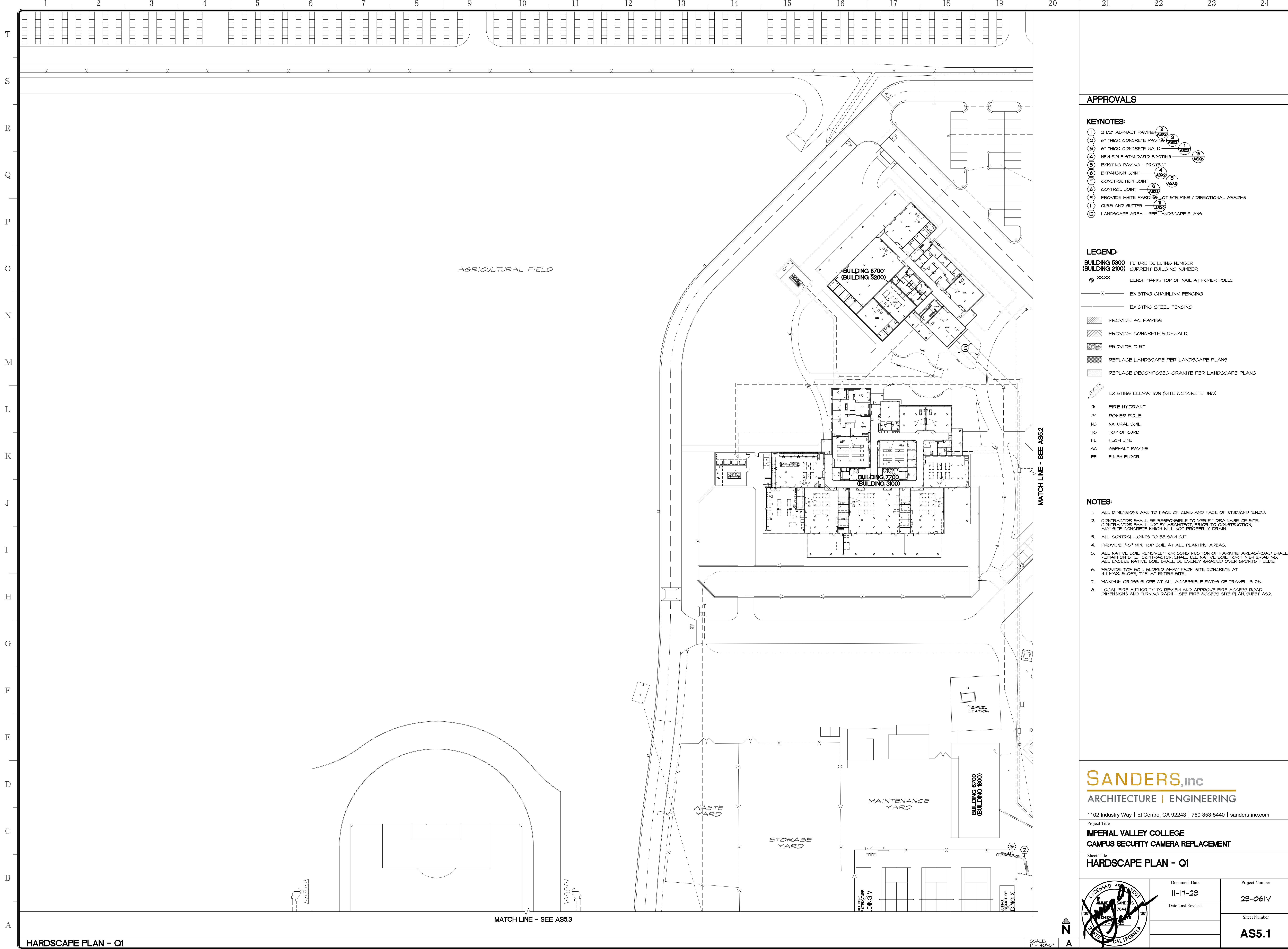
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**DEMOLITION PLAN - Q4**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS3.4





**APPROVALS**

**KEYNOTES:**

- ① 2 1/2" ASPHALT PAVING (AS2)
- ② 6" THICK CONCRETE PAVING (AS3)
- ③ 6" THICK CONCRETE WALK (AS3)
- ④ NEW POLE STANDARD FOOTING (AS2)
- ⑤ EXISTING PAVING - PROTECT (AS2)
- ⑥ EXPANSION JOINT (AS3)
- ⑦ CONSTRUCTION JOINT (AS3)
- ⑧ CONTROL JOINT (AS3)
- ⑨ PROVIDE WHITE PARKING LOT STRIPING / DIRECTIONAL ARROWS (AS2)
- ⑩ CURB AND GUTTER (AS2)
- ⑪ LANDSCAPE AREA - SEE LANDSCAPE PLANS (AS2)

**LEGEND:**

- BUILDING 5300** FUTURE BUILDING NUMBER
- (BUILDING 2100)** CURRENT BUILDING NUMBER
- XXXX BENCH MARK, TOP OF NAIL AT POWER POLES
- X EXISTING CHAINLINK FENCING
- EXISTING STEEL FENCING
- ▨ PROVIDE AC PAVING
- ▩ PROVIDE CONCRETE SIDEWALK
- PROVIDE DIRT
- REPLACE LANDSCAPE PER LANDSCAPE PLANS
- REPLACE DECOMPOSED GRANITE PER LANDSCAPE PLANS
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- ⚡ POWER POLE
- NS NATURAL SOIL
- TC TOP OF CURB
- FL FLOOR LINE
- AC ASPHALT PAVING
- FF FINISH FLOOR

**NOTES:**

1. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF STUD/CHU (U.N.O.).
2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY DRAINAGE OF SITE. CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO CONSTRUCTION, ANY SITE CONCRETE WHICH WILL NOT PROPERLY DRAIN.
3. ALL CONTROL JOINTS TO BE SAW CUT.
4. PROVIDE 1'-0" MIN. TOP SOIL AT ALL PLANTING AREAS.
5. ALL NATIVE SOIL REMOVED FOR CONSTRUCTION OF PARKING AREAS/ROAD SHALL REMAIN ON SITE. CONTRACTOR SHALL USE NATIVE SOIL FOR FINISH GRADING. ALL EXCESS NATIVE SOIL SHALL BE EVENLY GRADED OVER SPORTS FIELDS.
6. PROVIDE TOP SOIL SLOPED AWAY FROM SITE CONCRETE AT 4% MAX. SLOPE, TYP. AT ENTIRE SITE.
7. MAXIMUM GROSS SLOPE AT ALL ACCESSIBLE PATHS OF TRAVEL IS 2%.
8. LOCAL FIRE AUTHORITY TO REVIEW AND APPROVE FIRE ACCESS ROAD DIMENSIONS AND TURNING RADII - SEE FIRE ACCESS SITE PLAN, SHEET AS2.

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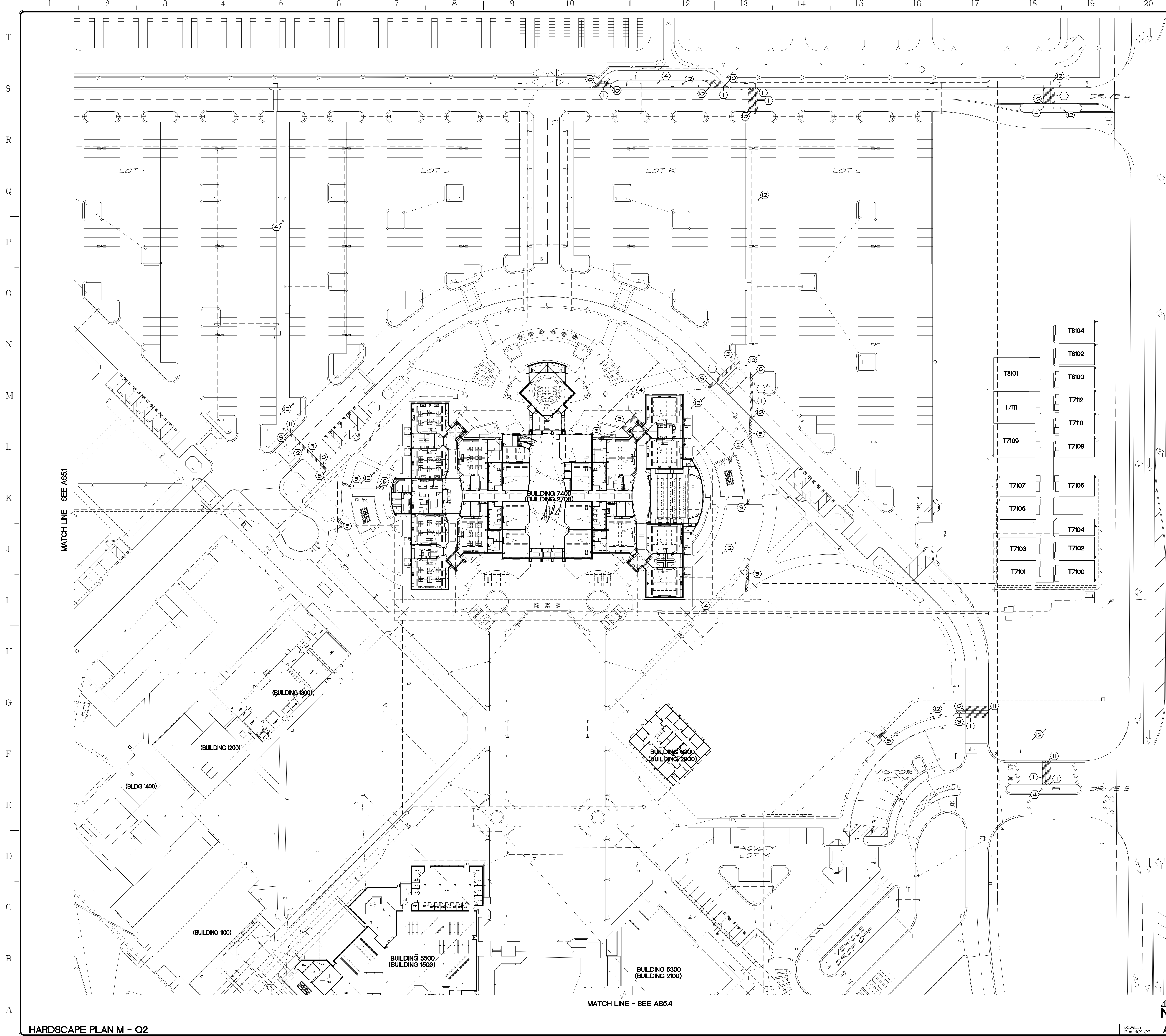
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**HARDSCAPE PLAN - Q1**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS5.1





- APPROVALS**
- KEYNOTES:**
- ① 2 1/2" ASPHALT PAVING (ABX2)
  - ② 6" THICK CONCRETE PAVING (ABX2)
  - ③ 6" THICK CONCRETE WALK (ABX2)
  - ④ NEW POLE STANDARD FOOTING (ABX2)
  - ⑤ EXISTING PAVING - PROTECT (ABX2)
  - ⑥ EXPANSION JOINT (ABX2)
  - ⑦ CONSTRUCTION JOINT (ABX2)
  - ⑧ CONTROL JOINT (ABX2)
  - ⑨ PROVIDE WHITE PARKING LOT STRIPING / DIRECTIONAL ARROWS
  - ⑩ CURB (ABX2)
  - ⑪ CURB AND GUTTER (ABX2)
  - ⑫ LANDSCAPE AREA - SEE LANDSCAPE PLANS

- LEGEND:**
- BUILDING 5300** FUTURE BUILDING NUMBER  
**(BUILDING 2100)** CURRENT BUILDING NUMBER
- XXXX BENCH MARK, TOP OF NAIL AT POWER POLES
  - X EXISTING CHAINLINK FENCING
  - EXISTING STEEL FENCING
  - ▨ PROVIDE AC PAVING
  - ▩ PROVIDE CONCRETE SIDEWALK
  - PROVIDE DIRT
  - REPLACE LANDSCAPE PER LANDSCAPE PLANS
  - REPLACE DECOMPOSED GRANITE PER LANDSCAPE PLANS
  - ▲ EXISTING ELEVATION (SITE CONCRETE UNO)
  - FIRE HYDRANT
  - ⚡ POWER POLE
  - NS NATURAL SOIL
  - TC TOP OF CURB
  - FL FLOOR LINE
  - AC ASPHALT PAVING
  - FF FINISH FLOOR

- NOTES:**
1. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF STUD/CHU (UNO).
  2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY DRAINAGE OF SITE. CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO CONSTRUCTION, ANY SITE CONCRETE WHICH WILL NOT PROPERLY DRAIN.
  3. ALL CONTROL JOINTS TO BE SAW CUT.
  4. PROVIDE 1'-0" MIN. TOP SOIL AT ALL PLANTING AREAS.
  5. ALL NATIVE SOIL REMOVED FOR CONSTRUCTION OF PARKING AREAS/ROAD SHALL REMAIN ON SITE. CONTRACTOR SHALL USE NATIVE SOIL FOR FINISH GRADING. ALL EXCESS NATIVE SOIL SHALL BE EVENLY GRADED OVER SPORTS FIELDS.
  6. PROVIDE TOP SOIL SLOPED AWAY FROM SITE CONCRETE AT 4% MAX. SLOPE, TYP. AT ENTIRE SITE.
  7. MAXIMUM CROSS SLOPE AT ALL ACCESSIBLE PATHS OF TRAVEL IS 2%.
  8. LOCAL FIRE AUTHORITY TO REVIEW AND APPROVE FIRE ACCESS ROAD DIMENSIONS AND TURNING RADII - SEE FIRE ACCESS SITE PLAN, SHEET AS2.

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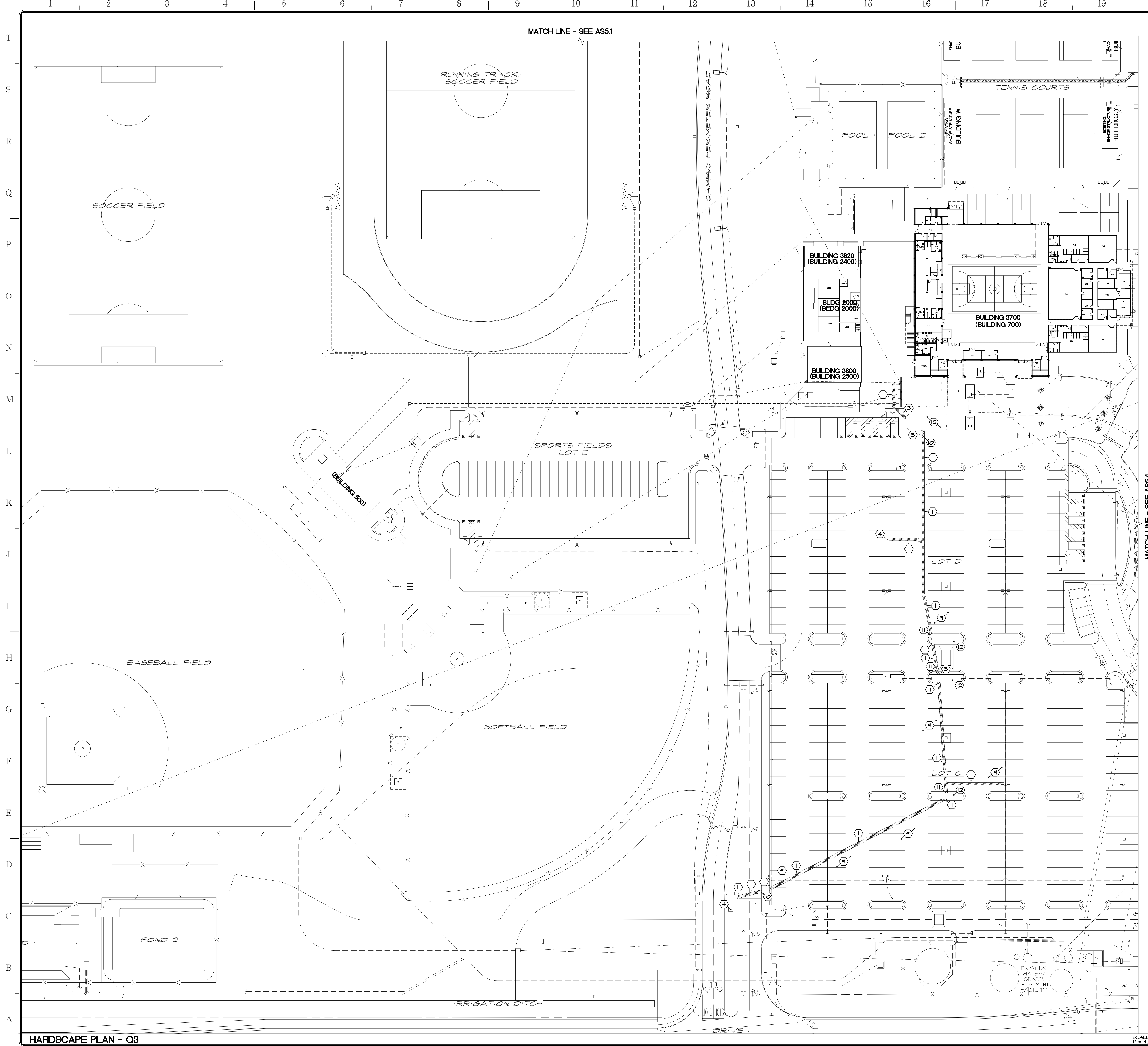
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**HARDSCAPE PLAN - Q2**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS5.2





MATCH LINE - SEE ASS.1

MATCH LINE - SEE ASS.4

**APPROVALS**

**KEYNOTES:**

- 1 2 1/2" ASPHALT PAVING
- 2 6" THICK CONCRETE PAVING
- 3 NEW POLE STANDARD FOOTING
- 4 EXISTING PAVING - PROTECT
- 5 EXPANSION JOINT
- 6 CONSTRUCTION JOINT
- 7 CONTROL JOINT
- 8 PROVIDE WHITE PARKING LOT STRIPING / DIRECTIONAL ARROWS
- 9 CURB
- 10 CURB AND GUTTER
- 11 LANDSCAPE AREA - SEE LANDSCAPE PLANS

**LEGEND:**

- BUILDING 5300 FUTURE BUILDING NUMBER
- BUILDING 2100 CURRENT BUILDING NUMBER
- XXXX BENCH MARK, TOP OF NAIL AT POWER POLES
- X EXISTING CHAINLINK FENCING
- EXISTING STEEL FENCING
- PROVIDE AC PAVING
- PROVIDE CONCRETE SIDEWALK
- PROVIDE DIRT
- REPLACE LANDSCAPE PER LANDSCAPE PLANS
- REPLACE DECOMPOSED GRANITE PER LANDSCAPE PLANS
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- POWER POLE
- NATURAL SOIL
- TOP OF CURB
- FLAG LINE
- ASPHALT PAVING
- FINISH FLOOR

**NOTES:**

1. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF STUD/CHU (UNO).
2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY DRAINAGE OF SITE. CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO CONSTRUCTION, ANY SITE CONCRETE WHICH WILL NOT PROPERLY DRAIN.
3. ALL CONTROL JOINTS TO BE SAW CUT.
4. PROVIDE 1'-0" MIN. TOP SOIL AT ALL PLANTING AREAS.
5. ALL NATIVE SOIL REMOVED FOR CONSTRUCTION OF PARKING AREAS/ROAD SHALL REMAIN ON SITE. CONTRACTOR SHALL USE NATIVE SOIL FOR FINISH GRADING. ALL EXCESS NATIVE SOIL SHALL BE EVENLY GRADED OVER SPORTS FIELDS.
6. PROVIDE TOP SOIL SLOPED AWAY FROM SITE CONCRETE AT ALL MAX. SLOPE, TYP. AT ENTIRE SITE.
7. MAXIMUM CROSS SLOPE AT ALL ACCESSIBLE PATHS OF TRAVEL IS 2%.
8. LOCAL FIRE AUTHORITY TO REVIEW AND APPROVE FIRE ACCESS ROAD DIMENSIONS AND TURNING RADII - SEE FIRE ACCESS SITE PLAN, SHEET ASS.2.

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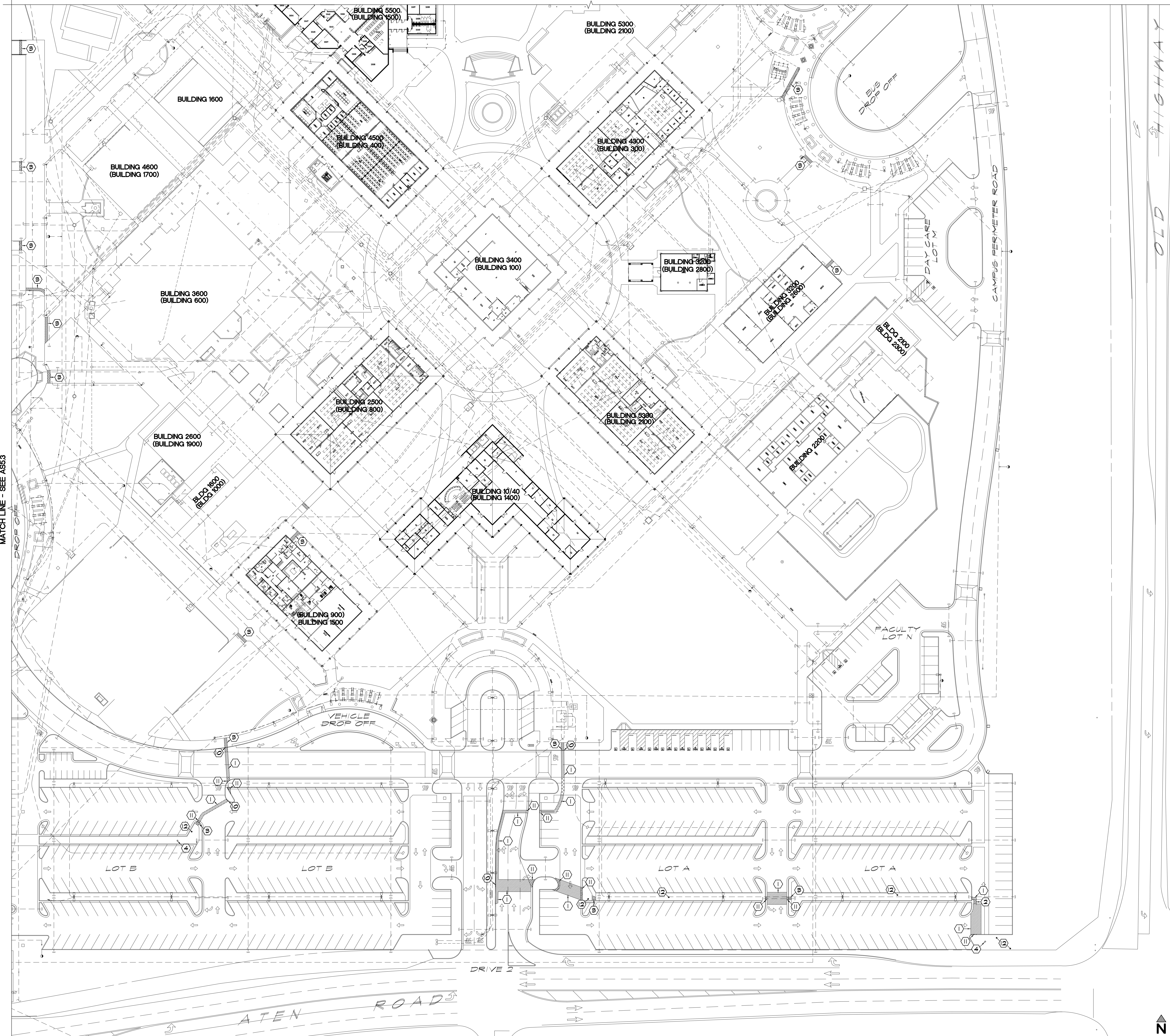
Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**HARDSCAPE PLAN - Q3**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS5.3



MATCH LINE - SEE ASS2



**APPROVALS**

**KEYNOTES:**

- 1 2 1/2" ASPHALT PAVING (ABX2)
- 2 6" THICK CONCRETE PAVING (ABX2)
- 3 6" THICK CONCRETE WALK (ABX2)
- 4 NEW POLE STANDARD FOOTING (ABX2)
- 5 EXISTING PAVING - PROTECT (ABX2)
- 6 EXPANSION JOINT (ABX2)
- 7 CONSTRUCTION JOINT (ABX2)
- 8 CONTROL JOINT (ABX2)
- 9 PROVIDE WHITE PARKING LOT STRIPING / DIRECTIONAL ARROWS (ABX2)
- 10 CURB AND GUTTER (ABX2)
- 11 LANDSCAPE AREA - SEE LANDSCAPE PLANS (ABX2)

**LEGEND:**

- BUILDING 5300 FUTURE BUILDING NUMBER
- BUILDING 2100 CURRENT BUILDING NUMBER
- XXXX BENCH MARK, TOP OF NAIL AT POWER POLES
- X EXISTING CHAINLINK FENCING
- EXISTING STEEL FENCING
- PROVIDE AC PAVING
- PROVIDE CONCRETE SIDEWALK
- PROVIDE DIRT
- REPLACE LANDSCAPE PER LANDSCAPE PLANS
- REPLACE DECOMPOSED GRANITE PER LANDSCAPE PLANS
- EXISTING ELEVATION (SITE CONCRETE UNO)
- FIRE HYDRANT
- POWER POLE
- NATURAL SOIL
- TOP OF CURB
- FLAG LINE
- ASPHALT PAVING
- FINISH FLOOR

**NOTES:**

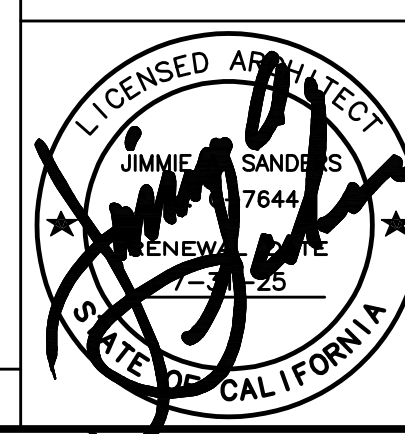
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3. ALL CONTROL JOINTS TO BE SAW CUT.
4. PROVIDE 1'-0" MIN. TOP SOIL AT ALL PLANTING AREAS.
5. ALL NATIVE SOIL REMOVED FOR CONSTRUCTION OF PARKING AREAS/ROAD SHALL REMAIN ON SITE. CONTRACTOR SHALL USE NATIVE SOIL FOR FINISH GRADING. ALL EXCESS NATIVE SOIL SHALL BE EVENLY GRADED OVER SPORTS FIELDS.
6. PROVIDE TOP SOIL SLOPED AWAY FROM SITE CONCRETE AT 4% MAX. SLOPE, TYP. AT ENTIRE SITE.
7. MAXIMUM CROSS SLOPE AT ALL ACCESSIBLE PATHS OF TRAVEL IS 2%.
8. LOCAL FIRE AUTHORITY TO REVIEW AND APPROVE FIRE ACCESS ROAD DIMENSIONS AND TURNING RADII - SEE FIRE ACCESS SITE PLAN, SHEET AS2.

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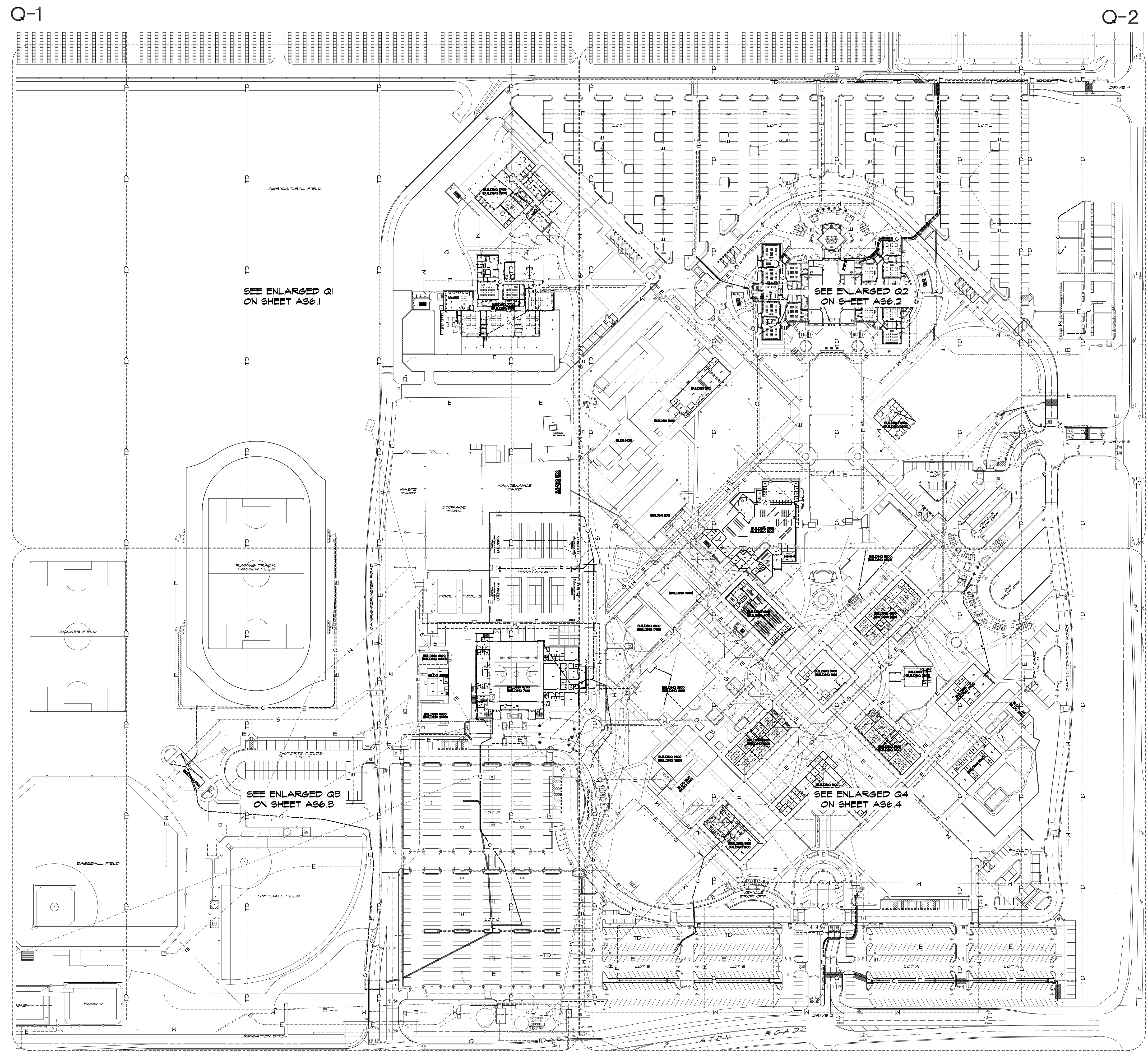
Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**HARDSCAPE PLAN - Q4**



Document Date 11-17-23	Project Number 23-061V
Date Last Revised	Sheet Number AS5.4





**APPROVALS**

**LEGEND:**

- S --- EXISTING SEWER LINE - PROTECT
- W --- EXISTING WATER LINE - PROTECT
- G --- EXISTING GAS LINE - PROTECT
- E --- EXISTING ELECTRICAL LINE - PROTECT
- C --- EXISTING COMMUNICATIONS LINE - PROTECT
- IR --- EXISTING IRRIGATION LINE - PROTECT
- SD --- EXISTING STORM DRAIN LINE - PROTECT
- TD --- EXISTING TILE DRAIN LINE - PROTECT
- SD --- EXISTING STORM DRAIN LINE - PROTECT
- W --- NEW WATER LINE - SIZE NOTED
- S --- NEW SEWER LINE - SIZE NOTED
- E --- NEW ELECTRICAL LINE - SEE ELECTRICAL DRAWINGS
- C --- NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
- SD --- NEW STORM DRAIN LINE
- IR --- NEW IRRIGATION LINE
  
- FIRE HYDRANT
- IRRIGATION HYDRANT
- MANHOLE
- ⚡ POWER POLE
- ⊙ LIGHT STANDARD
- ⊕ HOSE BIBB
- ⊙ POINT OF CONNECTION

**NOTES:**

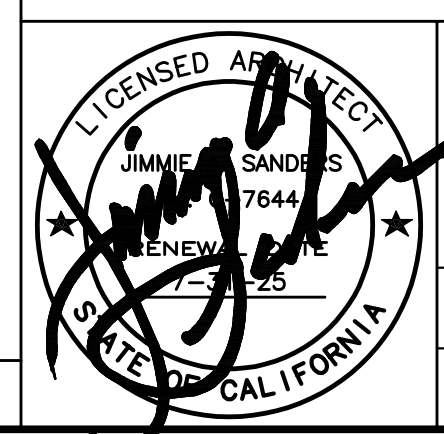
1. CONTRACTOR SHALL REPAIR OR REPLACE ANY LINE BROKEN OR DAMAGED DURING COURSE OF PLACEMENT OF NEW LINES. CONSTRUCTION OF TRENCHING OR HEAVY EQUIPMENT ON SITE AT NO COST TO OWNER.
2. PRIOR TO ANY EXCAVATION THE SITE SHALL BE VISITED BY A "DIG ALERT" COMPANY FOR THE PURPOSE OF LOCATING ALL UNDERGROUND UTILITY LINES.
3. CAP ALL STUBBED OUT CONDUIT FOR FUTURE.
4. PROVIDE PULL STRINGS FOR ALL CONDUIT.
5. ALL UTILITY LINES ARE EXISTING UNLESS NOTED OTHERWISE - PROTECT
6. SAWCUT EXISTING SITE CONCRETE FOR NEW UTILITIES TO NEAREST CONTROL JOINT, PROVIDE NEW FLUSH CONCRETE TO EXISTING PER 14Y15
7. NEW UTILITY TRENCHING SHALL BE PER 14Y15

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

Sheet Title  
**SITE UTILITIES PLAN**



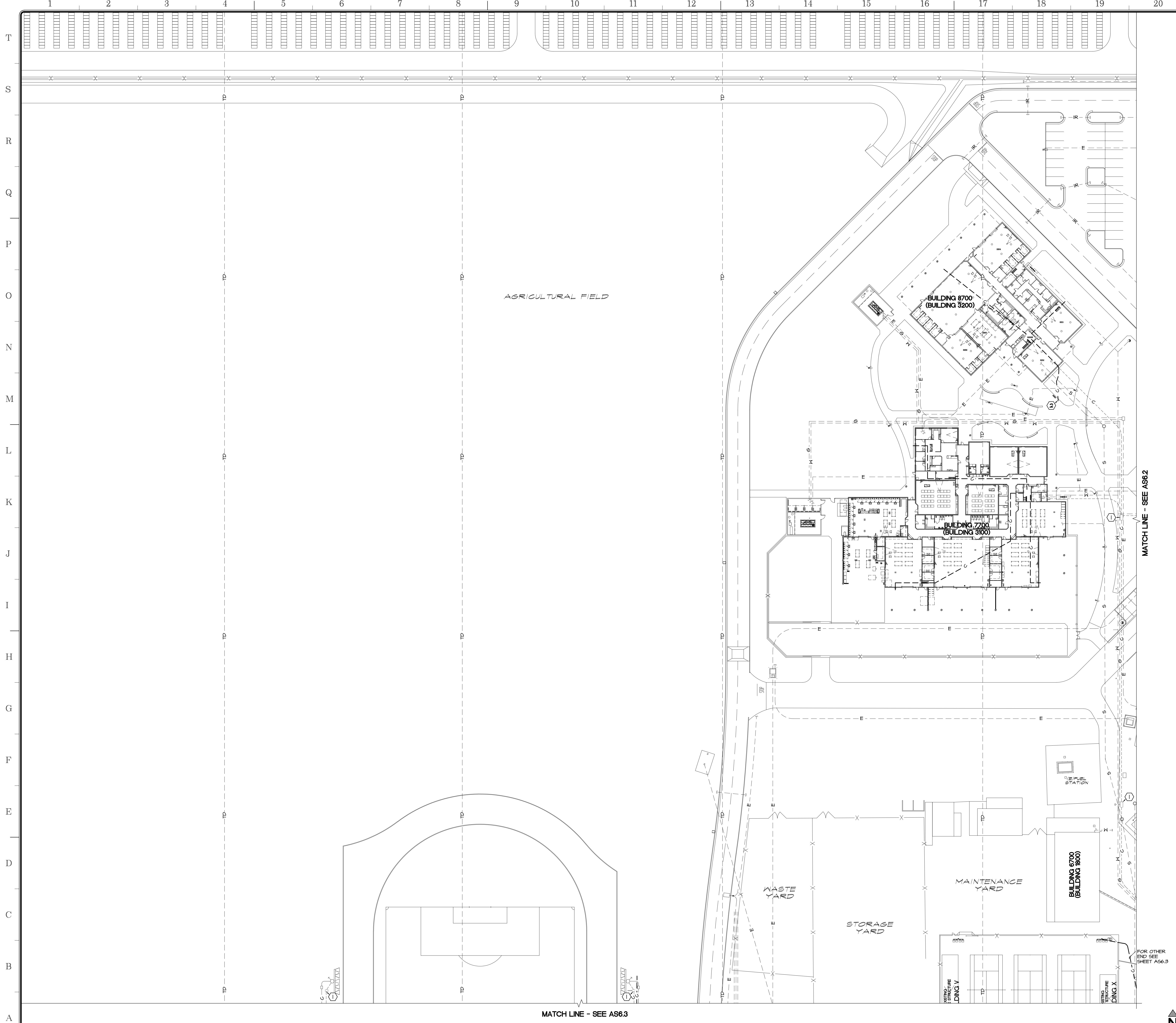
Document Date  
 11-17-23

Date Last Revised

Project Number  
 23-061V

Sheet Number  
**AS6**





**APPROVALS**

**LEGEND:**

---	S---	EXISTING SEWER LINE - PROTECT
---	W---	EXISTING WATER LINE - PROTECT
---	G---	EXISTING GAS LINE - PROTECT
---	E---	EXISTING ELECTRICAL LINE - PROTECT
---	C---	EXISTING COMMUNICATIONS LINE - PROTECT
---	IR---	EXISTING IRRIGATION LINE - PROTECT
---	SD---	EXISTING STORM DRAIN LINE - PROTECT
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---	IR---	NEW IRRIGATION LINE

○	FIRE HYDRANT
○	IRRIGATION HYDRANT
○	MANHOLE
⚡	POWER POLE
⊕	LIGHT STANDARD
⊕	HOSE BIBB
⊕	POINT OF CONNECTION

- KEYNOTES**
- ① EXISTING COMMUNICATIONS BOX - PROTECT
  - ② EXISTING BLUE POLE - PROTECT

- NOTES:**
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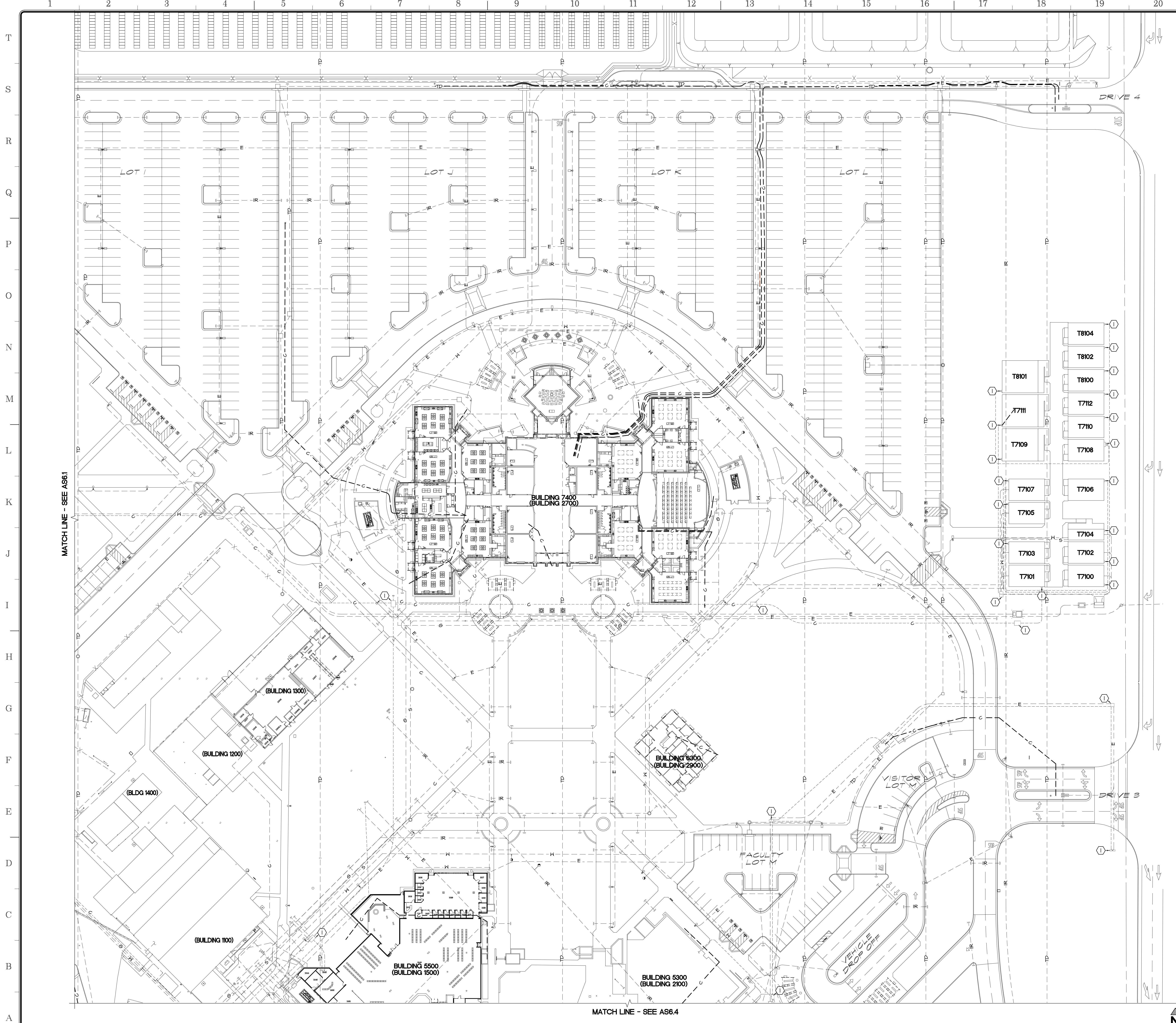
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**SITE UTILITIES PLAN - Q1**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS6.1





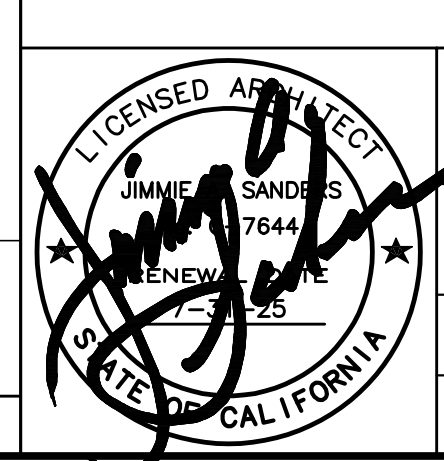
- APPROVALS**
- LEGEND:**
- S - EXISTING SEWER LINE - PROTECT
  - W - EXISTING WATER LINE - PROTECT
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  - IRRIGATION HYDRANT
  - MANKHOLE
  - ⊕ POWER POLE
  - ⊕ LIGHT STANDARD
  - ⊕ HOSE BIBB
  - ⊕ POINT OF CONNECTION

- KEYNOTES**
- ① EXISTING COMMUNICATIONS BOX - PROTECT
  - ② EXISTING BLUE POLE - PROTECT

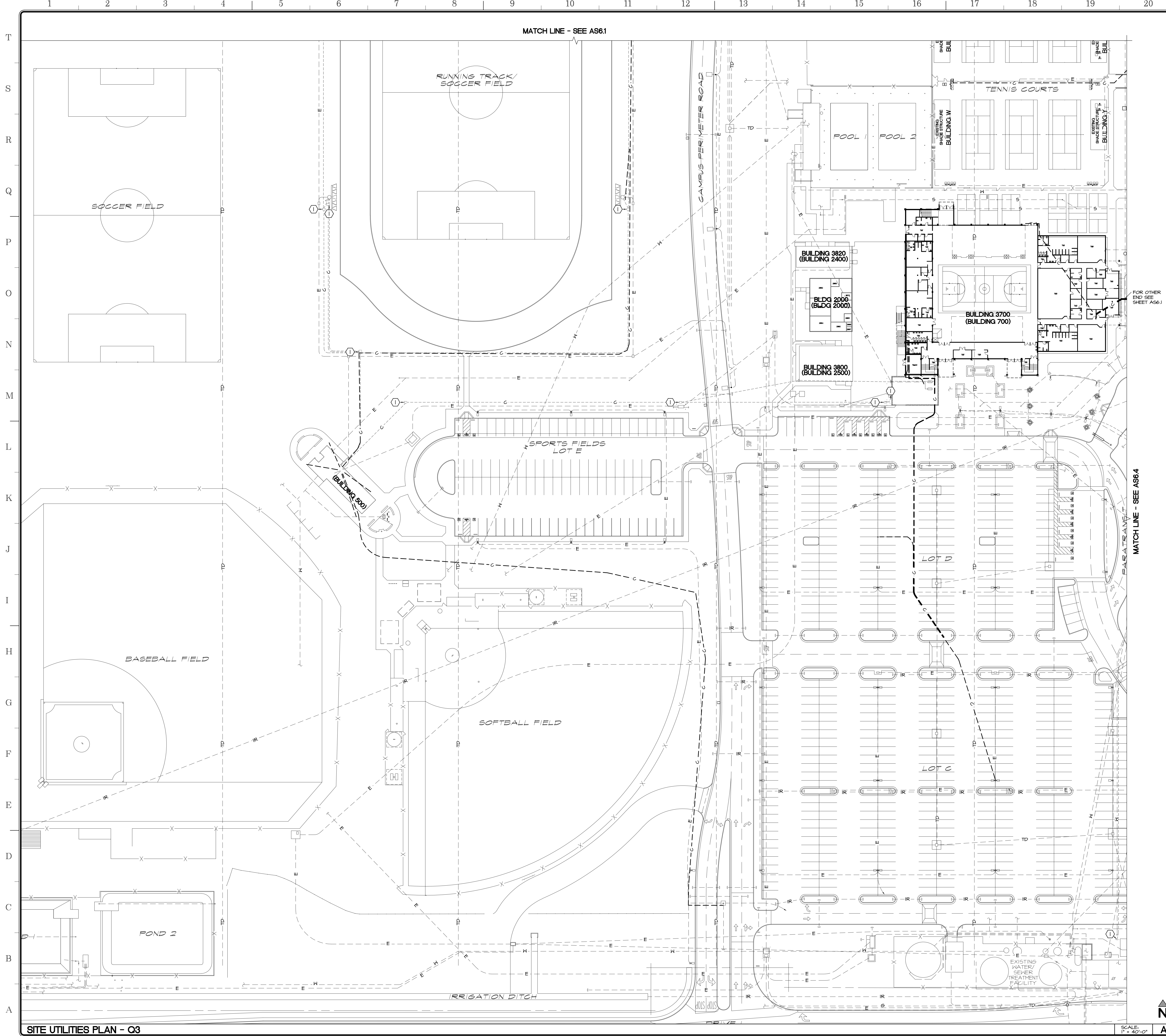
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  7. NEW UTILITY TRENCHING SHALL BE PER 14.15

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

Sheet Title <b>SITE UTILITIES PLAN - Q2</b>		Document Date 11-17-23	Project Number 23-061V
		Date Last Revised	Sheet Number <b>AS6.2</b>







MATCH LINE - SEE AS6.1

MATCH LINE - SEE AS6.4

**APPROVALS**

**LEGEND:**

- S - EXISTING SEWER LINE - PROTECT
  - W - EXISTING WATER LINE - PROTECT
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  - ⊕ POINT OF CONNECTION

**KEYNOTES**

- ① EXISTING COMMUNICATIONS BOX - PROTECT
- ② EXISTING BLUE POLE - PROTECT

**NOTES:**

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

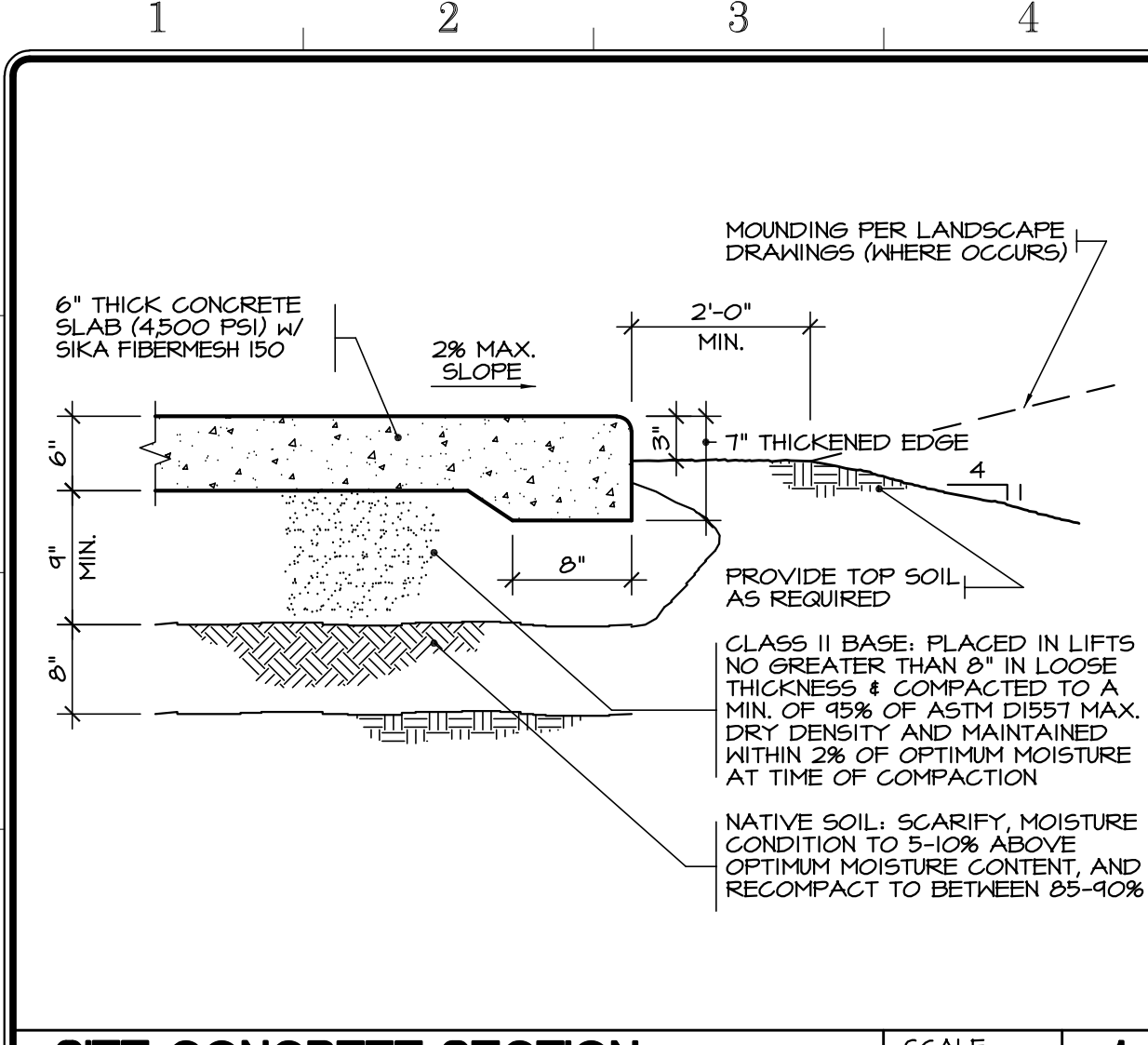
Sheet Title  
**SITE UTILITIES PLAN - Q3**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number AS6.3

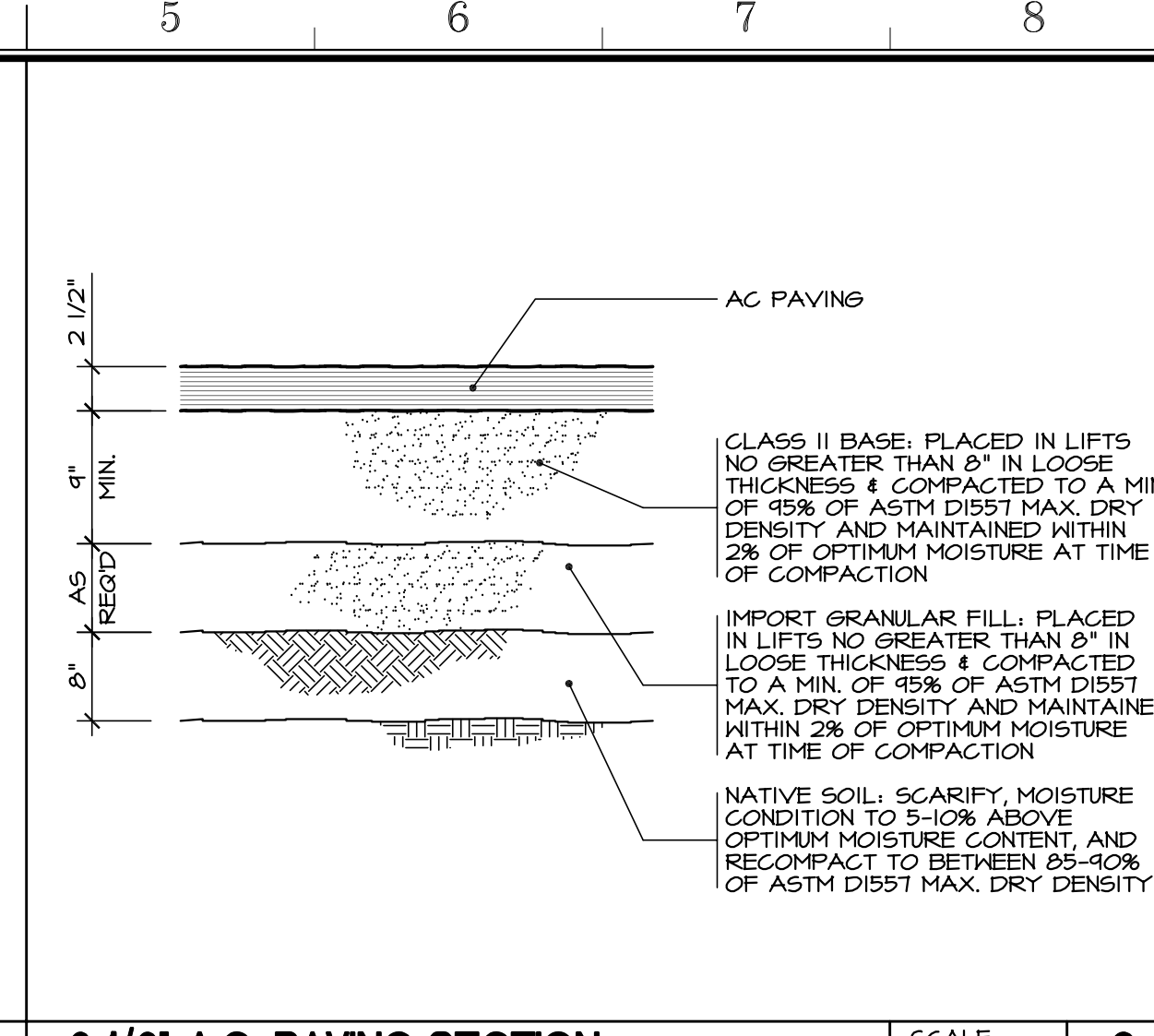




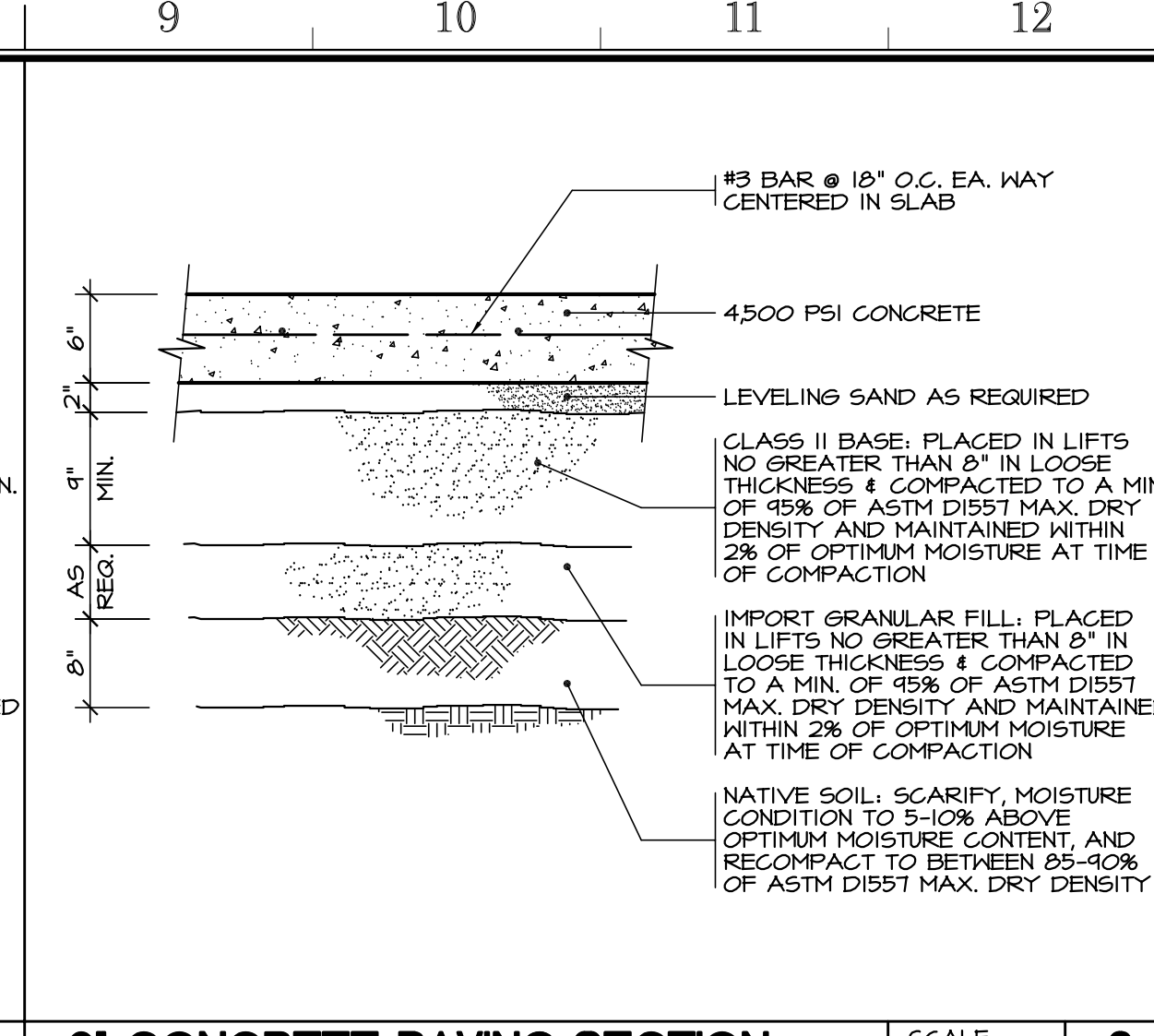




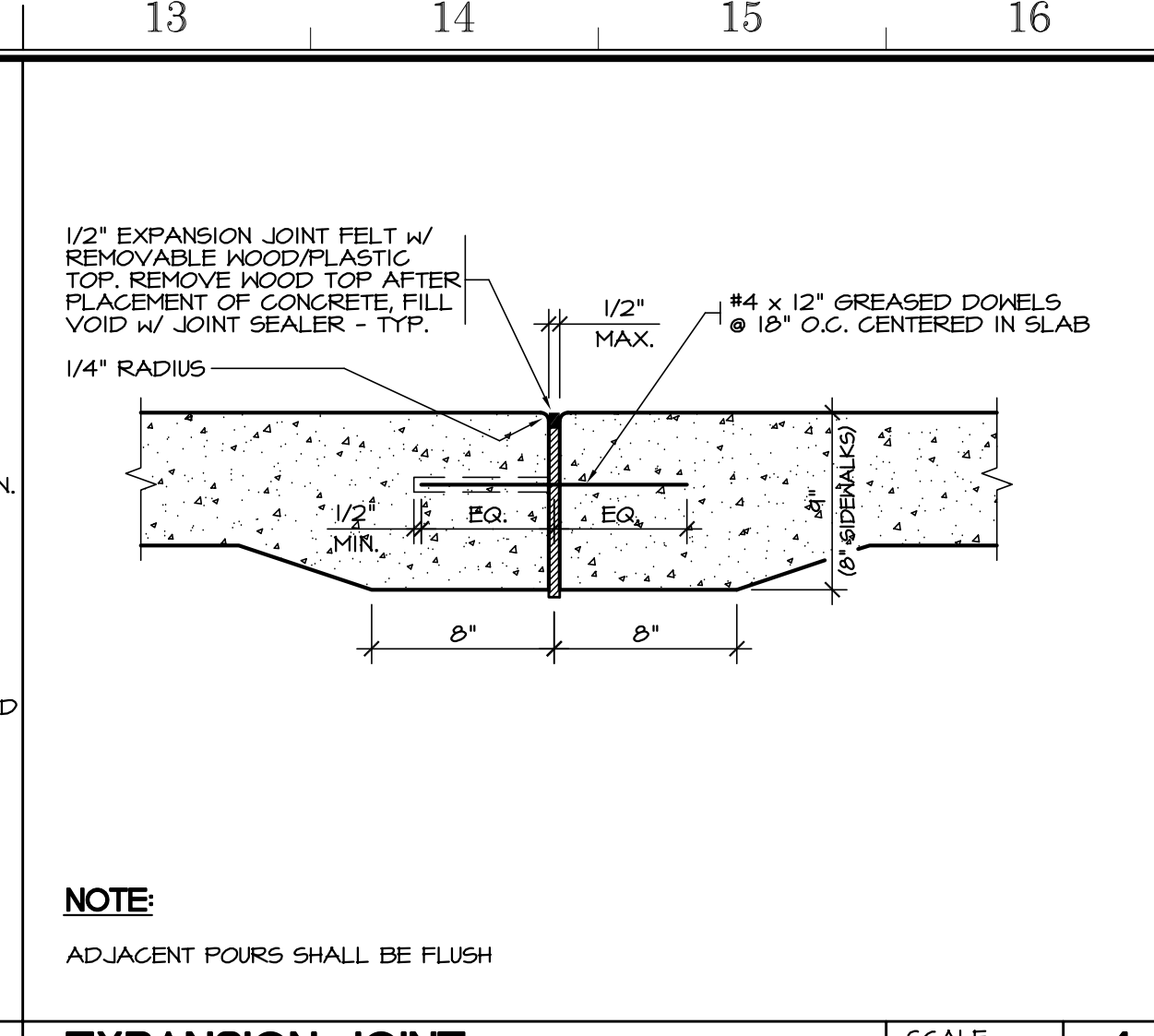
**SITE CONCRETE SECTION** SCALE: 1" = 1'-0" 1



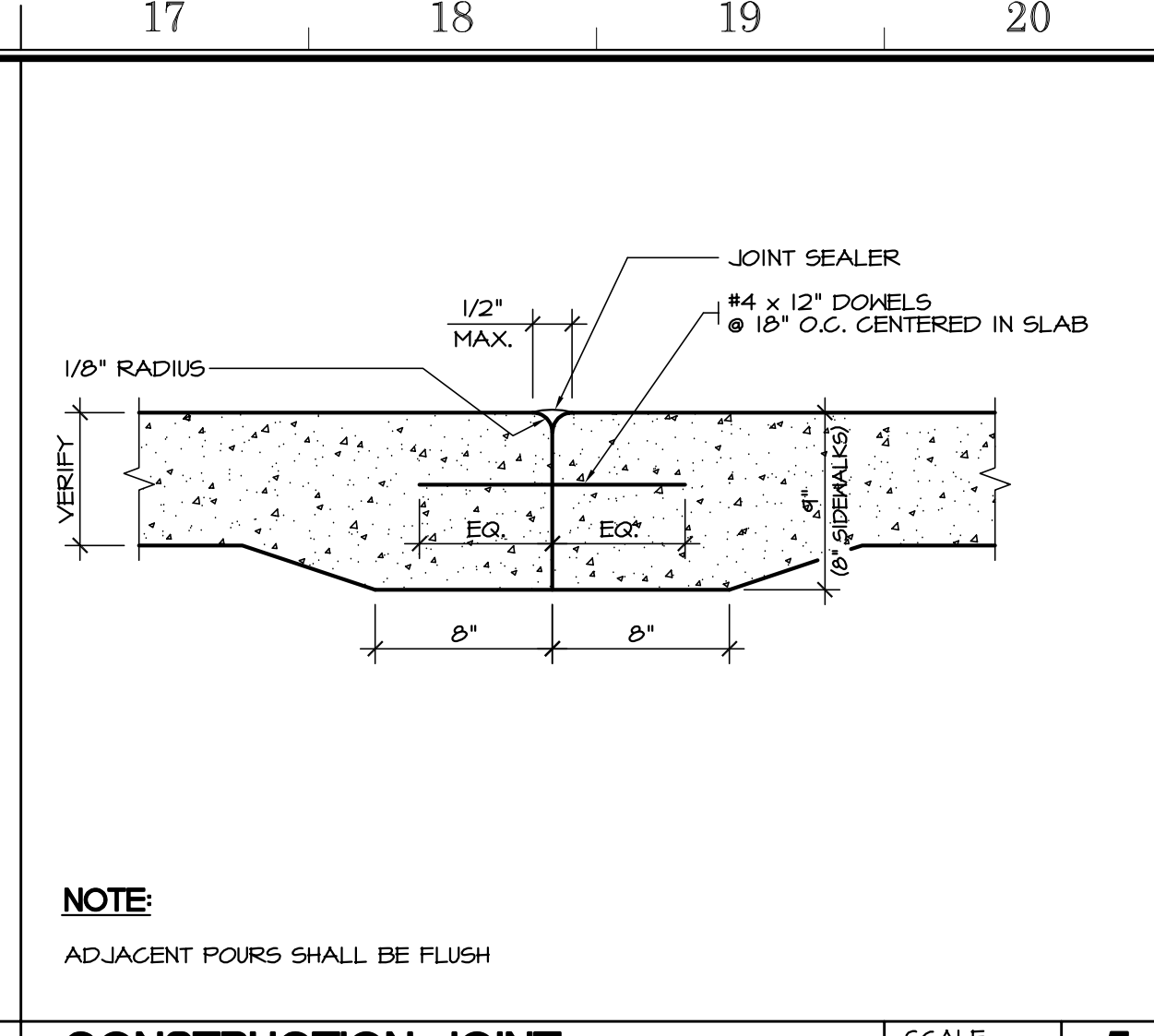
**2 1/2" A.C. PAVING SECTION** SCALE: 1" = 1'-0" 2



**6\"/>**

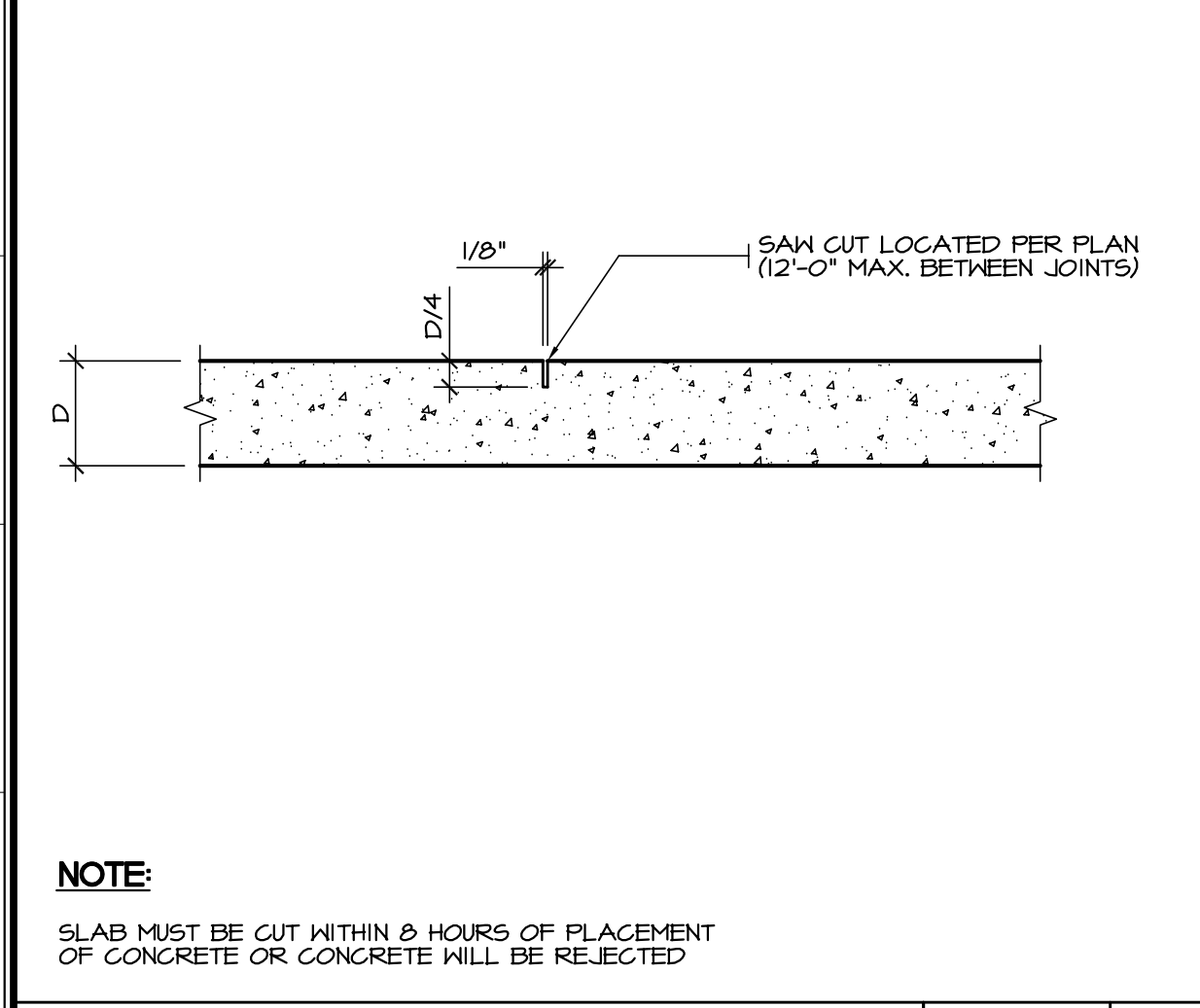


**EXPANSION JOINT** SCALE: 1/2" = 1'-0" 4

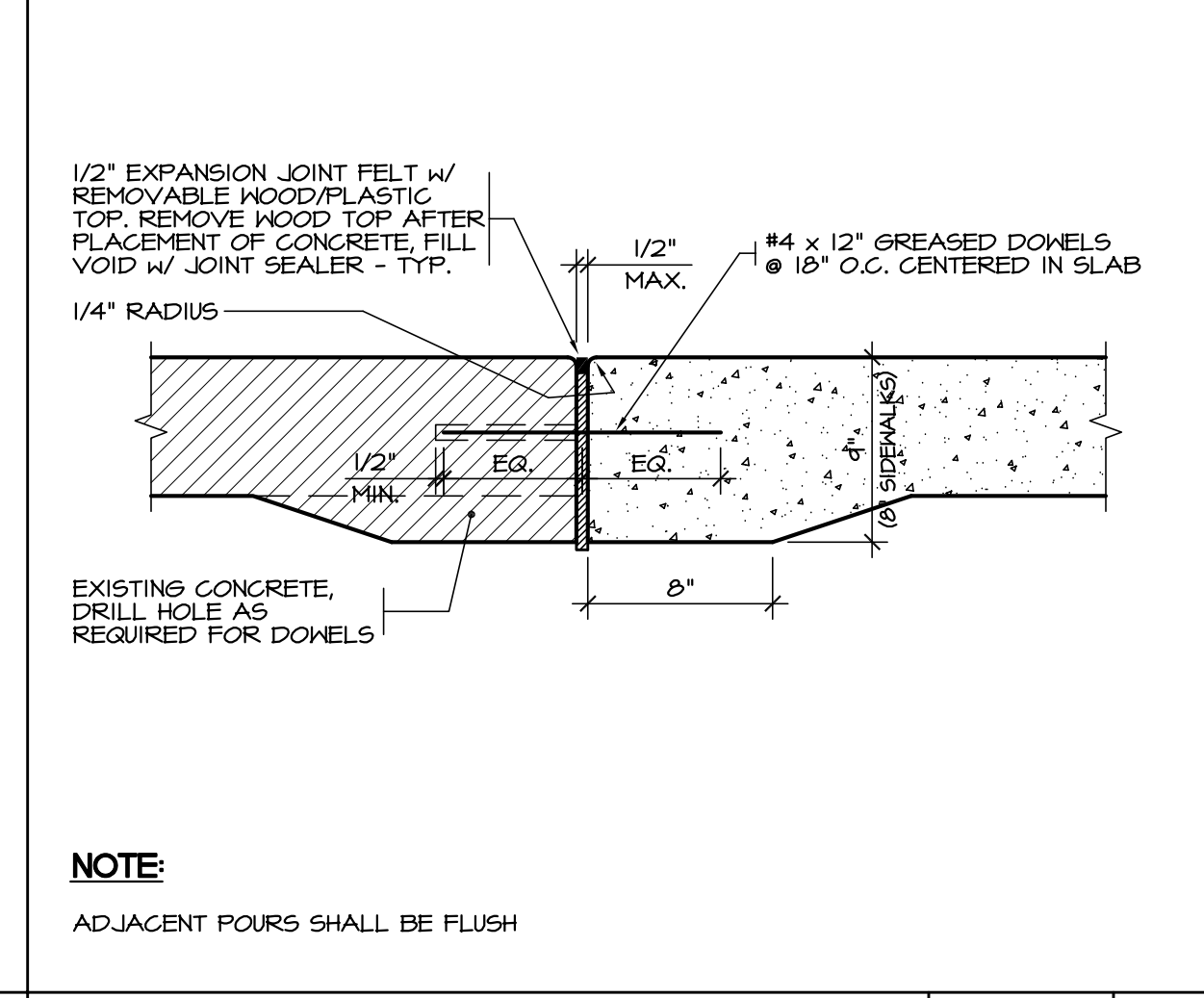


**CONSTRUCTION JOINT** SCALE: 1/2" = 1'-0" 5

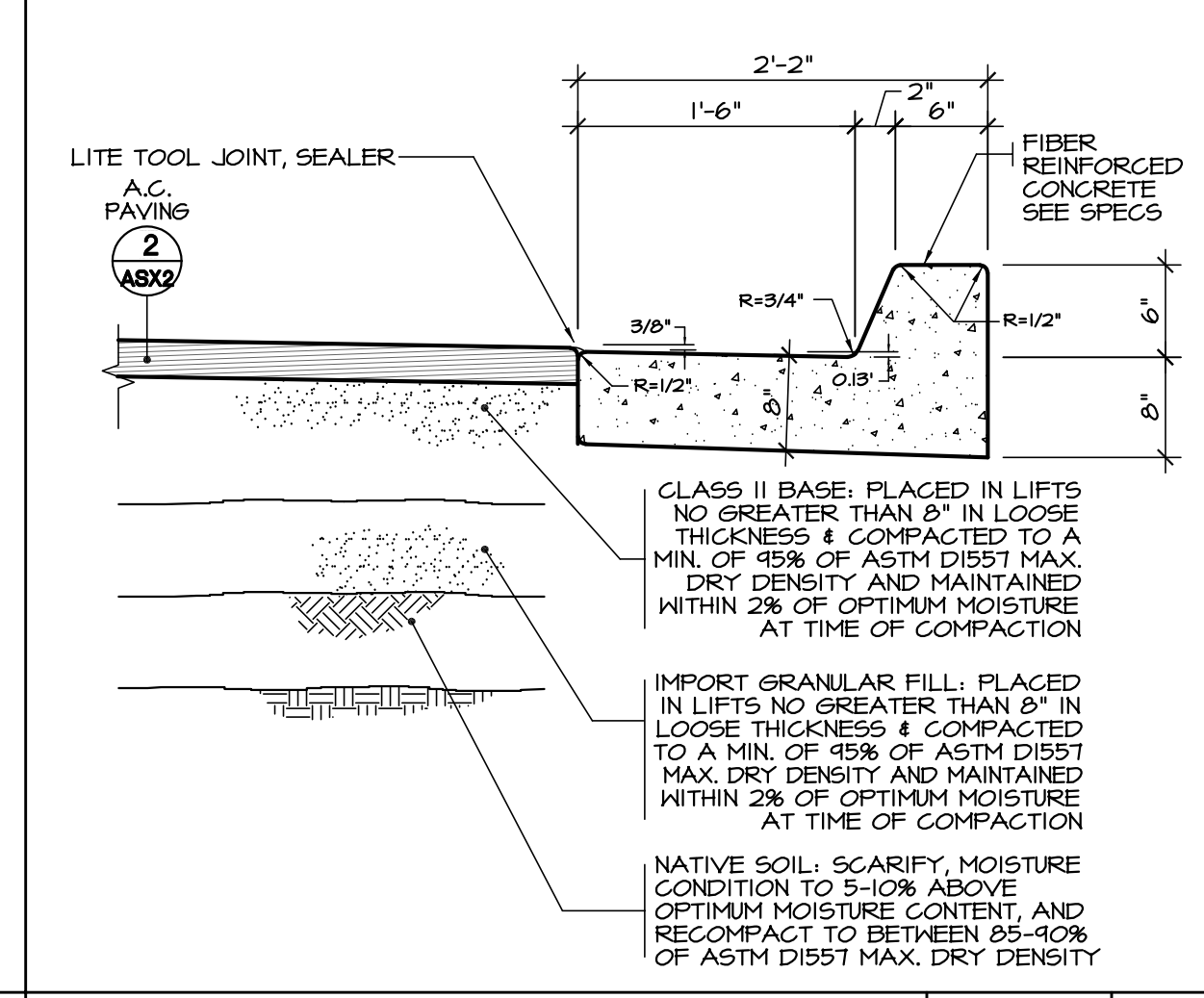
**APPROVALS**



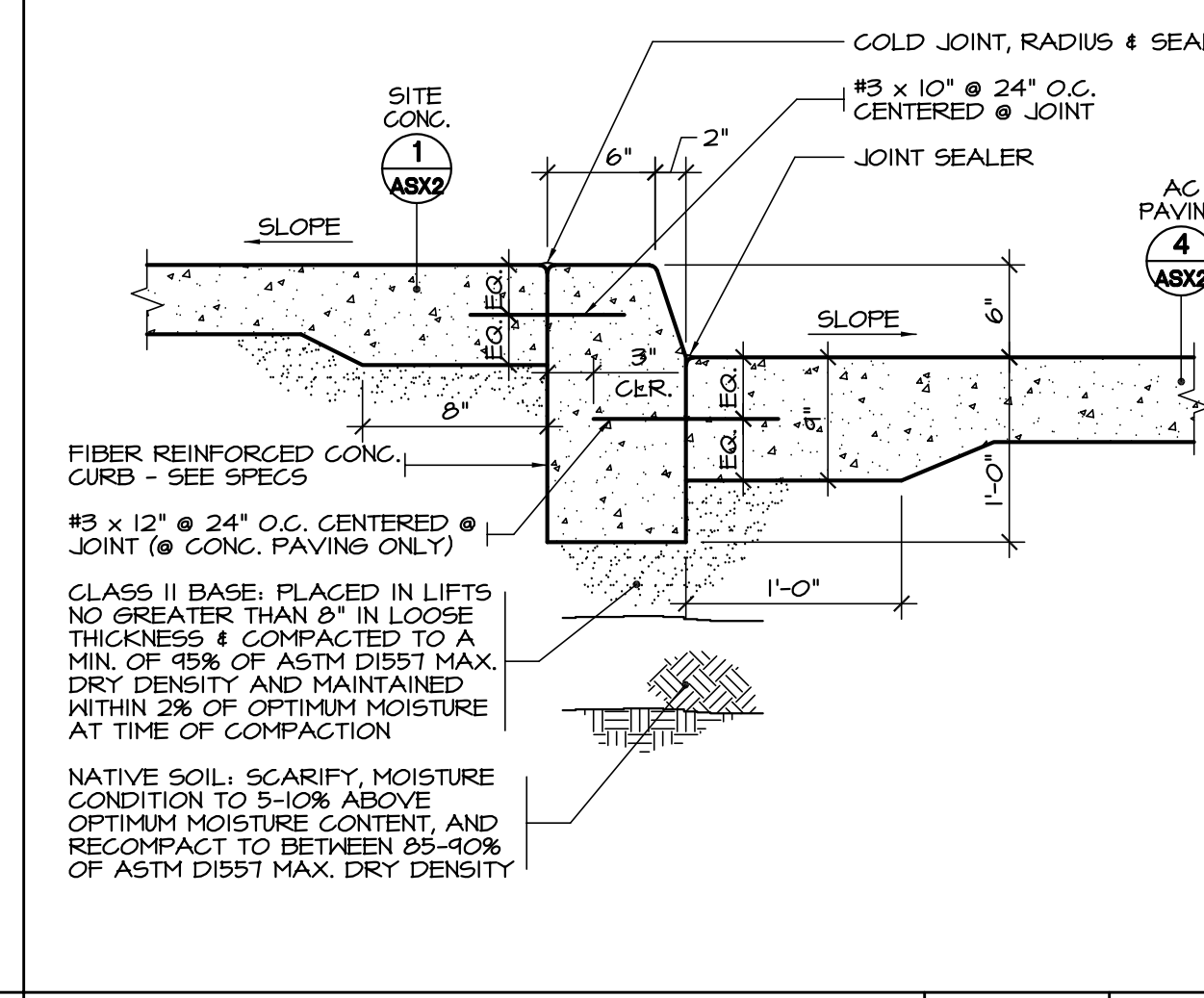
**CONTROL JOINT, SAW CUT** SCALE: 1/2" = 1'-0" 6



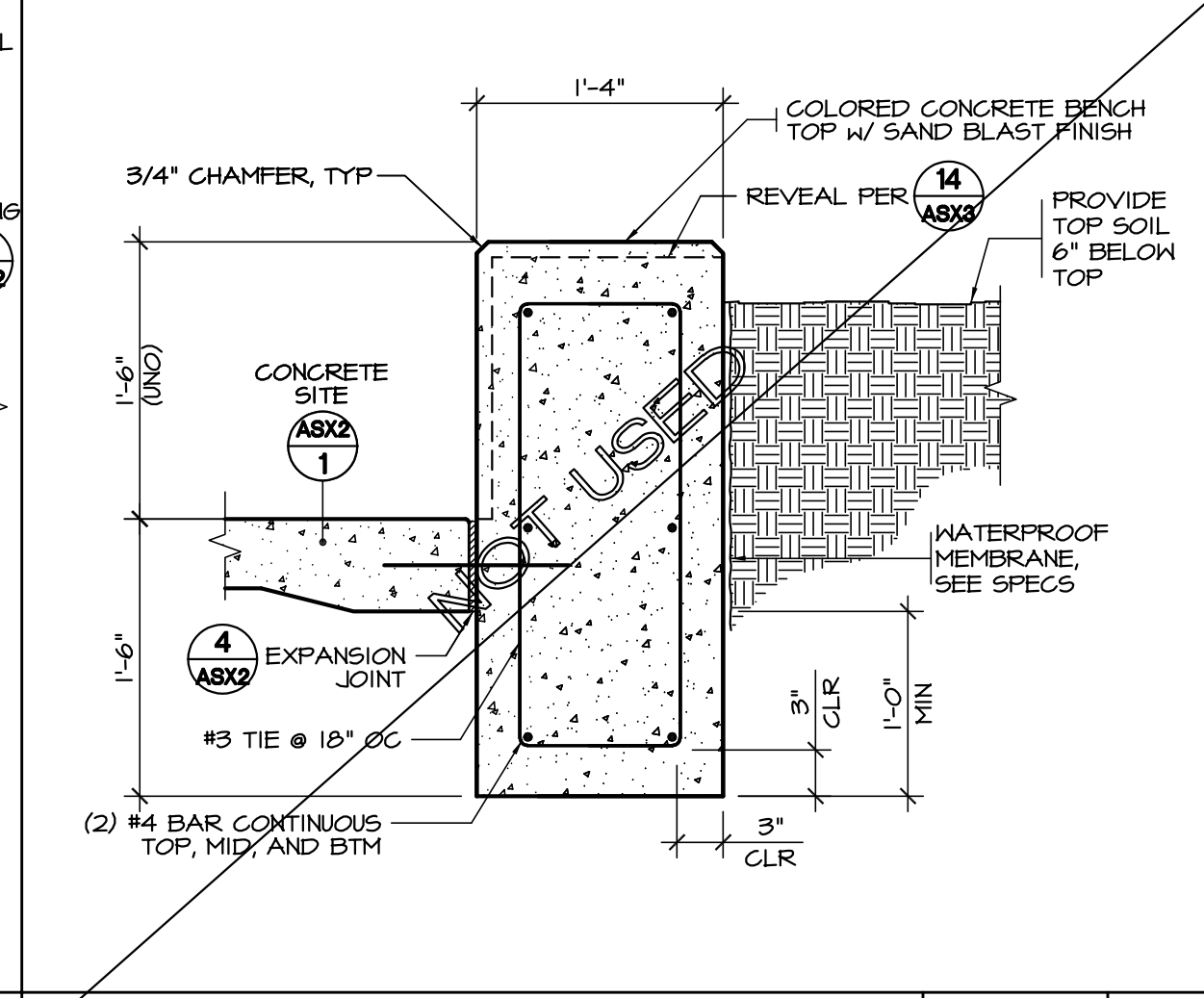
**NEW TO EXISTING CONCRETE** SCALE: 1/2" = 1'-0" 7



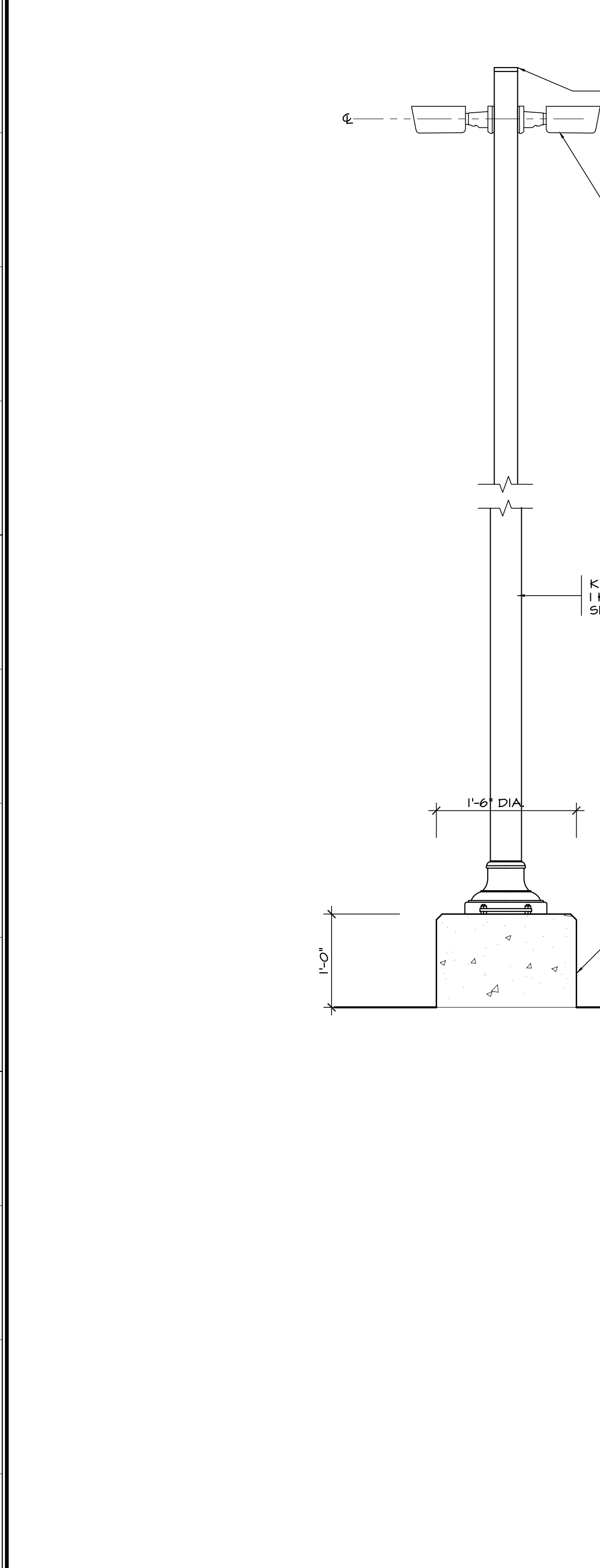
**CURB AND GUTTER** SCALE: 1" = 1'-0" 8



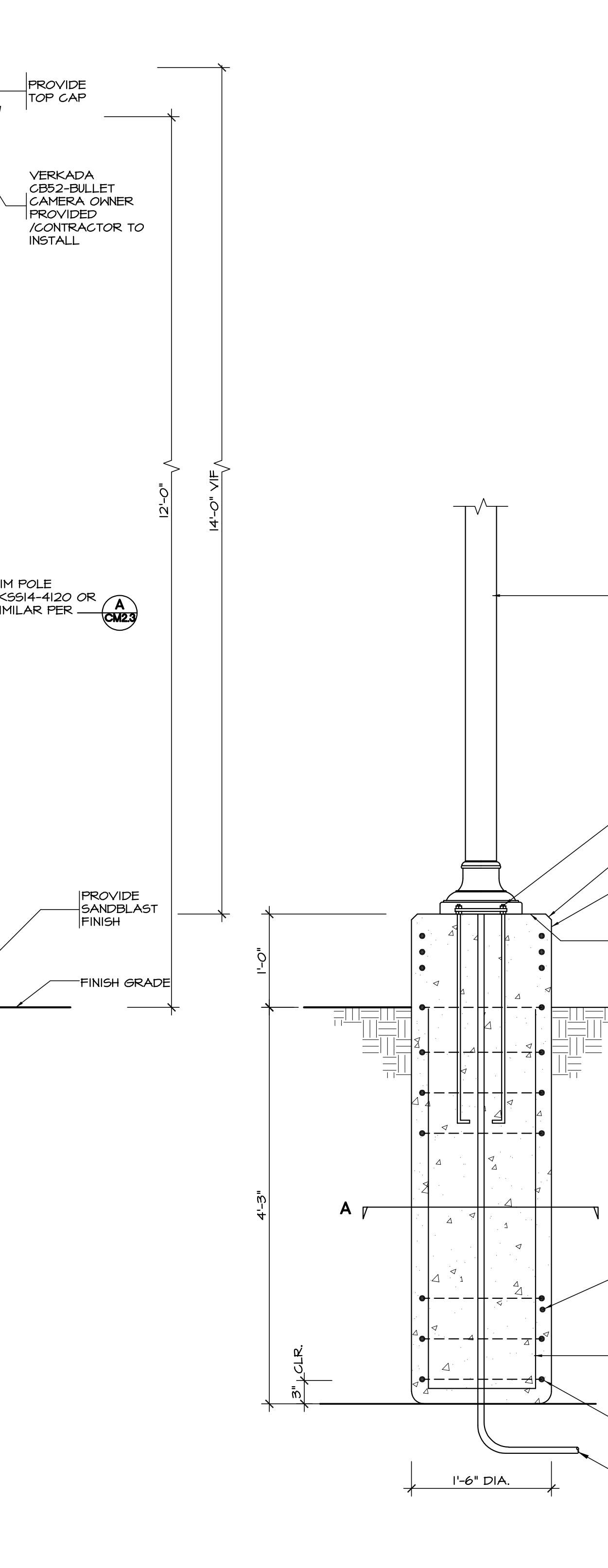
**SIDEWALK TO PAVING** SCALE: 1" = 1'-0" 9



**CONCRETE BENCH/RAISED PLANTER SECTION** SCALE: 1" = 1'-0" 10



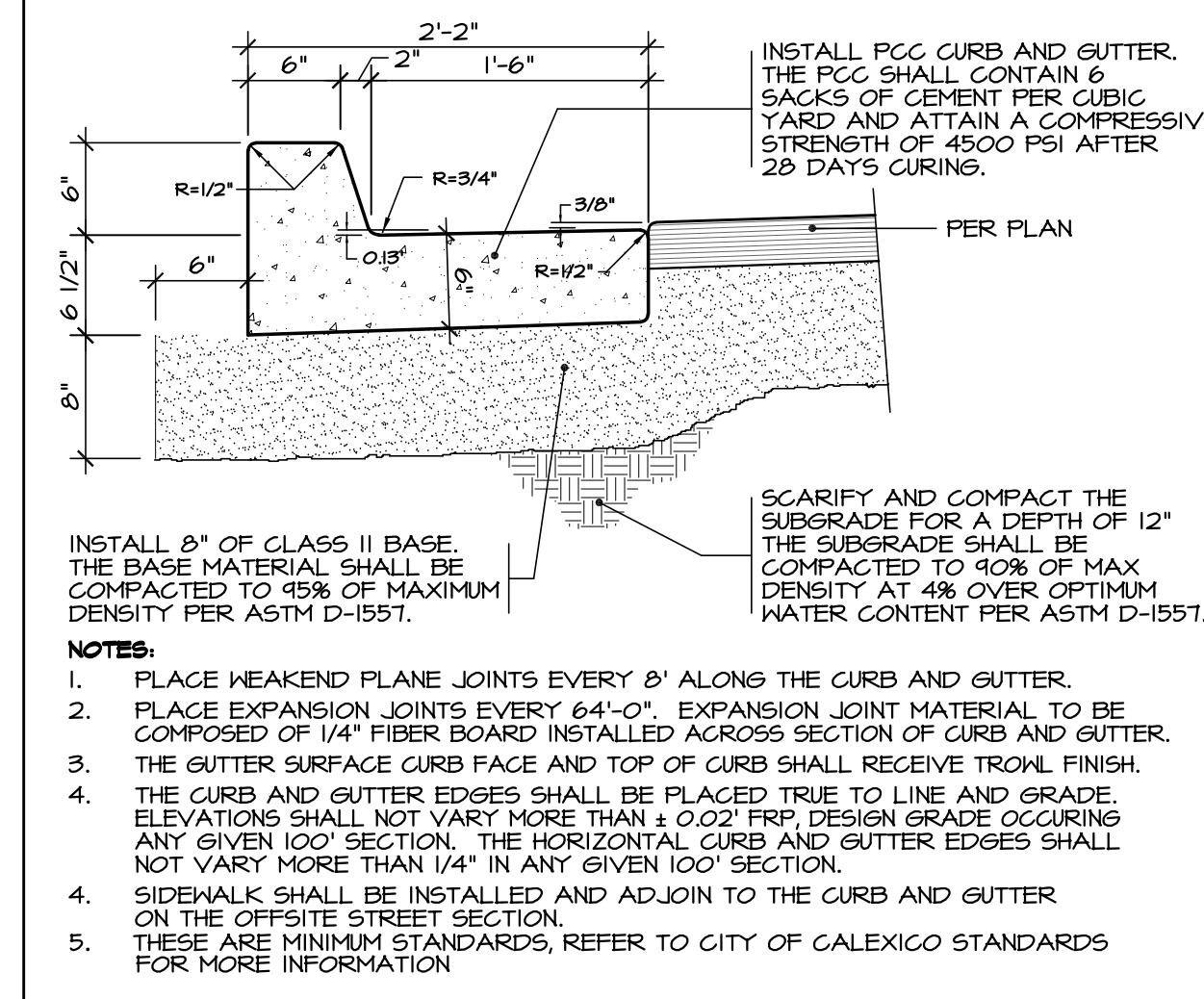
**NEW METAL POLE FOR CAMERAS** SCALE: 1" = 1'-0" 15



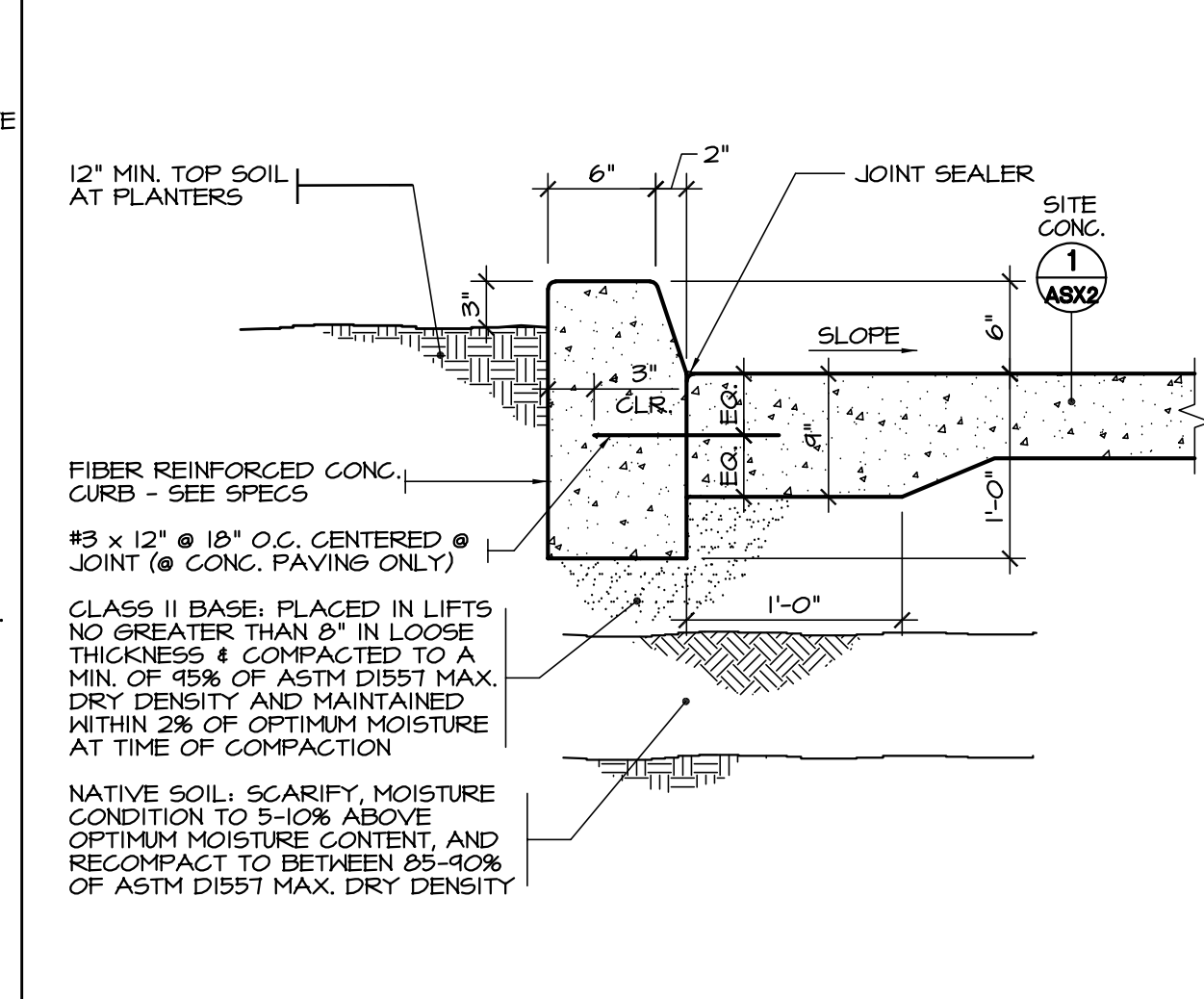
**CURB AND GUTTER** SCALE: 1" = 1'-0" 11



**CURB AT PAVING** SCALE: 1" = 1'-0" 16



**TYPICAL TRENCH DETAIL - CONDUIT** SCALE: N.T.S. 12



**CONCRETE REVEAL** SCALE: 1" = 1'-0" 13

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

Sheet Title  
**TYPICAL SITE DETAILS**

Document Date: 11-17-23  
 Date Last Revised: [blank]  
 Project Number: 23-061V  
 Sheet Number: ASX2

**CONCRETE REVEAL** SCALE: 1" = 1'-0" 13

**PAD MOUNT ELEC. SERVICE PANEL** SCALE: 1/2" = 1'-0" 14

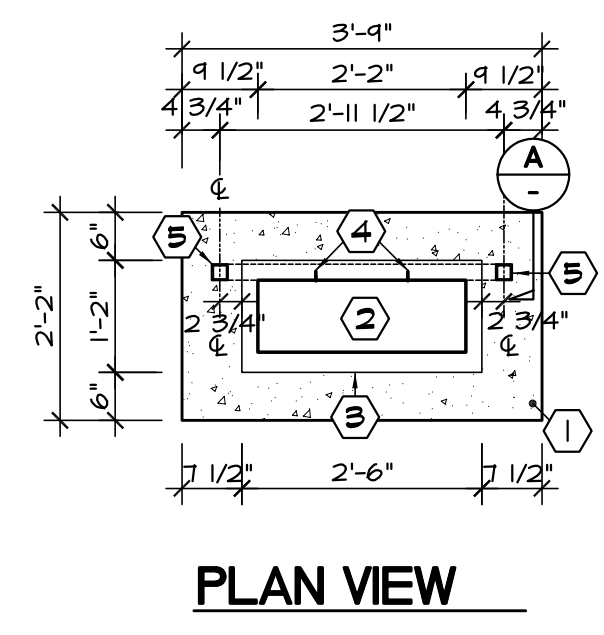
**PAD MOUNT ELEC. SERVICE PANEL** SCALE: 1/2" = 1'-0" 14

**PAD MOUNT ELEC. SERVICE PANEL** SCALE: 1/2" = 1'-0" 14

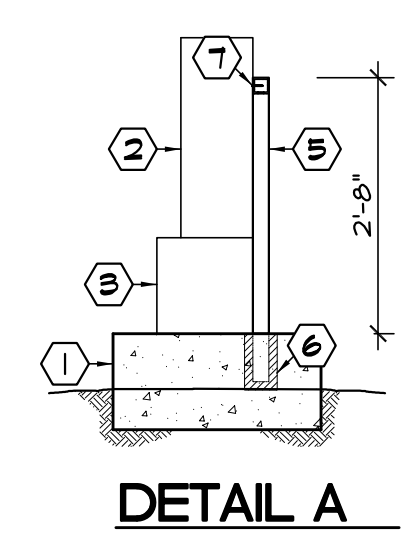
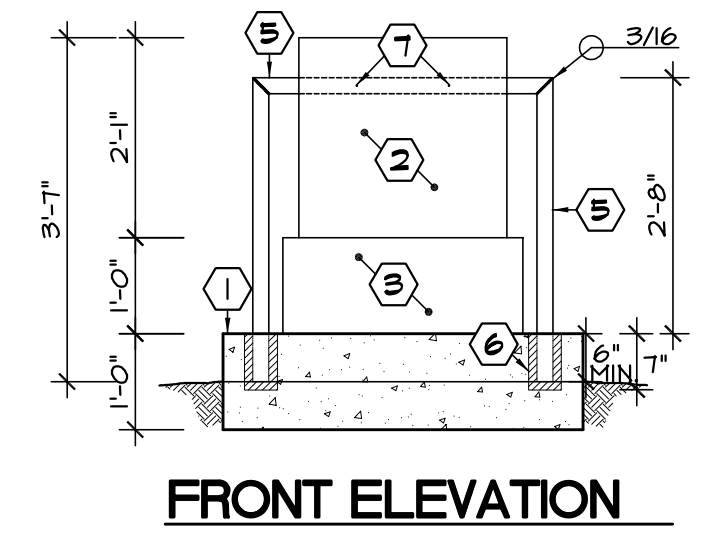
**PAD MOUNT ELEC. SERVICE PANEL** SCALE: 1/2" = 1'-0" 14

**PAD MOUNT ELEC. SERVICE PANEL** SCALE: 1/2" = 1'-0" 14

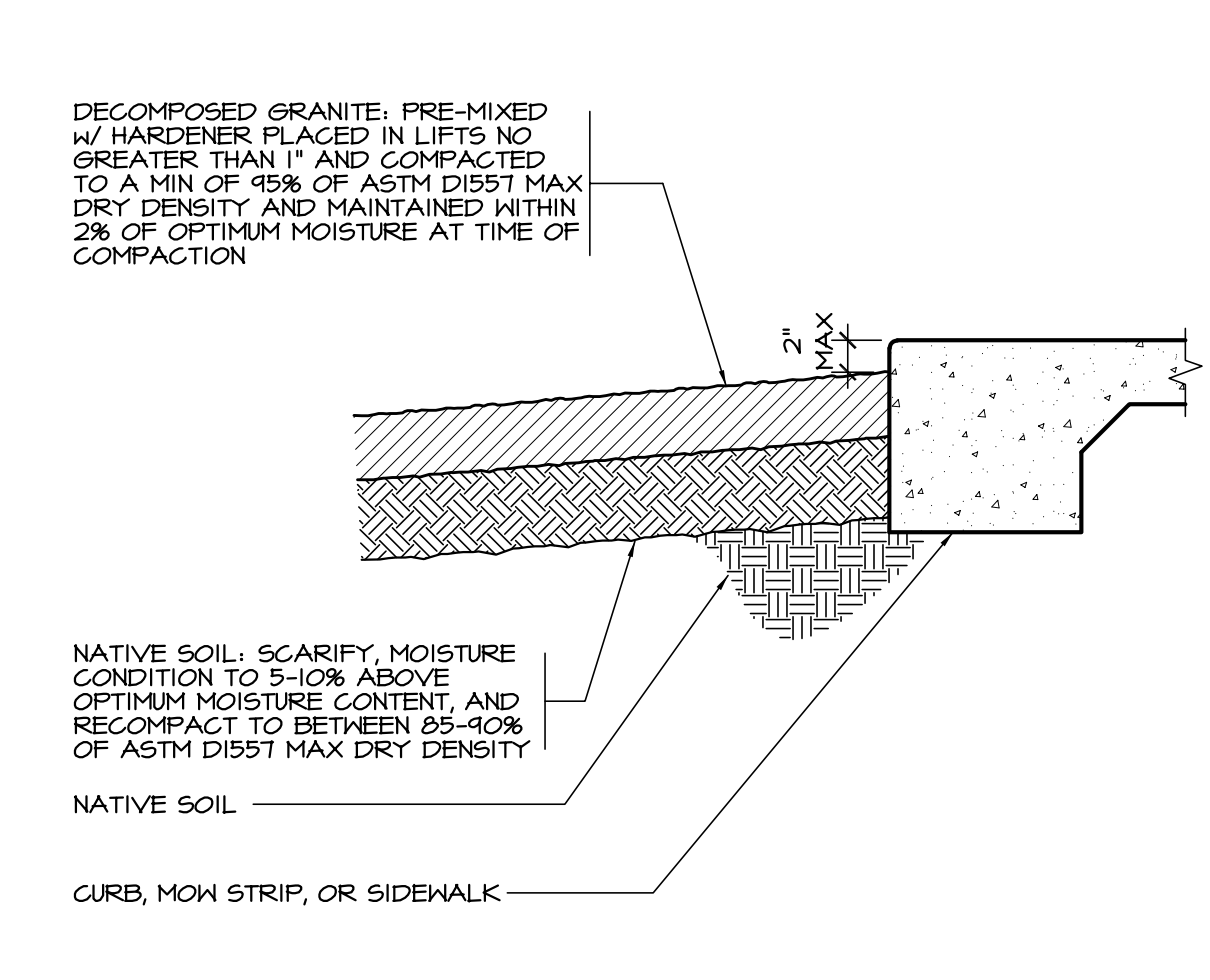




- KEYNOTES:**
- ① PROVIDE CONCRETE SLAB
  - ② PROVIDE NEW SWITCH BOX SAFE-T-COVER 75SN-AL
  - ③ PROVIDE JUNCTION BOX
  - ④ #4 180 X 1" SELF-DRILLING SCREWS, (2) AT EACH BOX INTO HORIZONTAL 2"x2"
  - ⑤ NEW H65 2"x2"x3/16" HOT DIPPED GALVANIZED AFTER FABRICATION
  - ⑥ EPOXY SET, MIN. 6" EMBEDMENT



DECOMPOSED GRANITE PAVING SCALE: 1/2" = 1'-0" 2



APPROVALS

SWITCH BOX FRAME

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

ENCLOSURE MODEL: 75SN-AL  
 JOB: ---  
 DRAWN BY: MTP SCALE: NONE DATE: 4/3/18

**ELEVATION VIEW**

REMOVABLE ACCESS ONE THIS SIDE  
 17 1/2" W X 25" H  
 25"  
 HINGED ROOF  
 HINGED DRAIN DOOR

**PLAN VIEW**

33"  
 26"  
 16"  
 9"  
 CHROMALOX HEAT CABLE #30  
 INSULATED HINGED DRAIN OPENING

75SN-AL SHEET 1 OF 1

6. MODEL 75SN-AL ENCLOSURE  
 7. 9"W X 26" X 25"  
 8. CONCRETE PAD IS 16"W X 43"L X 4"H  
 9. BFP - ---

1. DRAWING NOT TO SCALE  
 2. ALL DIMENSIONS ARE IN INCHES (GASSETS INCLUDED)  
 3. WALL AND INSULATION THICKNESS IS 1/2"  
 4. WALL AND INSULATION THICKNESS IS 3/4"  
 5. ROOF AND INSULATION THICKNESS IS 3"

ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

**SAFE-T-COVER**  
 BY HYDROTECH

ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™

**Series 75/100/200/300/400 SN Insulated Enclosures**

**Materials**

- Roof, walls, drain flap – 5052-H32 marine grade aluminum (.05018 gauge), mill finish, ASTM B209 outside
- Drain flap hinge and spring – stainless steel
- Insulation 1.5" (9 R value) minimum thickness polyisocyanurate foam laminated to a glass fiber reinforced facer (each side)
- Mounting hardware – 3093-H32 marine grade aluminum
- Masonry fasteners – stud type Powers SD1 wedge anchors

**Standards**

- ASSE 1060
- ASTM B209 (68)

**Advantages**

- Fast and simple installation, no special tools required
- Durable
- Lockable

**Heating Required**

Yes – see separate specification submittal sheet  
 No

**Dimensions and Weights**

Model	Inside Dimensions	Concrete Pad	Weight	Drain Opening
75SN-AL	9" X 26" X 25"	16" X 33" X 4"	54#	14 1/2" X 4 1/2"
100SN-AL	14" X 40" X 30"	21" X 47" X 4"	75#	31 1/2" X 4"
100SNT-AL	15" X 32" X 38"	22" X 39" X 4"	95#	23 1/2" X 5 7/8"
200SN-AL	19" X 46" X 38"	26" X 53" X 4"	132#	37 1/2" X 5 7/8"
300SN-AL	24" X 60" X 44 1/2"	38" X 74" X 6"	186#	51" X 5 7/8"
400SN-AL	27" X 78" X 57"	41" X 92" X 6"	215#	45 1/4" X 5 7/8"

The 100SNT-AL and the 200SN-AL models are developed to meet the New York 30" centerline specifications.

**Specifications**

A freeze and vandal protective enclosure shall be installed over above ground plumbing systems. The enclosure shall be constructed of 5052-H32 marine grade aluminum with a minimum R9 in the walls and roof. Cut based insulation shall be used to insure uniform insulation thickness. Sprayed insulation shall be reason for rejection. The enclosures shall have a fully insulated drain panel designed to remain closed except when the backflow prevention assembly is discharging water. The drain panel shall be sized to accommodate the maximum discharge for backflow installations. The enclosure shall be mounted securely to a concrete pad and remain locked even if outside screws are removed. All mounting hardware shall be furnished.

When heat is required, a UL or ETL listed heater shall be provided that has been independently certified to meet the UL 2021 "Rain Test" for damp or wet conditions. The enclosure shall be certified to the most recent ASSE Standard 1060 (Class I or Class II). The insulated enclosure shall be a Safe-T-Cover SN or SNT series.

Nashville, TN Phone 1-800-245-6333  
 FAX (615) 259-4481 Website www.safe-t-cover.com SN 0820

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SWITCH ENCLOSURE

SCALE: NTS 3

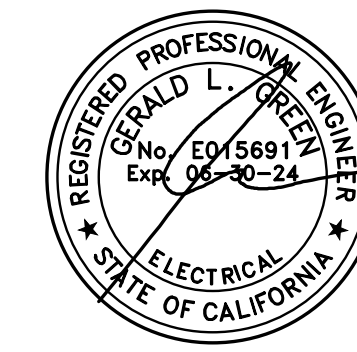
**Sanders, INC.**  
 Architecture/Engineering  
 102 INDUSTRY WAY, SUITE A  
 EL CENTRO, CA 92243  
 760 353 5440 FAX 760 353 5442

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

Sheet Title  
**SITE DETAILS**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>ASX3</b>





APPROVALS

LIGHTING/SWITCHING SYMBOLS	POWER SYMBOLS	ABBREVIATIONS																
<p>☐ LIGHTING CONTROL PANEL. SEE CONTROL DETAIL AND SCHEDULES FOR MORE INFORMATION.</p> <p>☐ PUSH BUTTON LOW VOLTAGE OVERRIDE CONTROL SWITCH</p> <p>☐ ZONE CONTROLLED (UPPER CASE LETTER DENOTES ZONE CONTROLLED)</p> <p>☐ SWITCH LEG CONTROLLED (LOWER CASE LETTER DENOTES SWITCH LEG CONTROLLED)</p> <p>9a5sb SWITCH, SINGLE POLE 20A, MTD. 48" AFF TO TOP. DESIGNATION TO CONTROL LIGHTING IN CIRCUIT LEGS. DEVICE: WHITE COVERPLATE: WHITE</p> <p>2- DOUBLE POLE K - KEYPAD SWITCH</p> <p>3- THREE WAY T - MANUAL MOTOR STARTER WITH THERMAL OVERLOADS</p> <p>4- FOUR WAY D - LOAD RATED DIMMER</p> <p>PL - PILOT LIGHT PB - PUSHBUTTON</p> <p>☐ WALL MOUNTED MOTION CONTROLLED LIGHTING SWITCH WITH INTEGRAL BI-LEVEL SWITCHING. DEVICE - WHITE MTD. 48" AFF TO TOP.</p> <p>☐ WALL MOUNTED MOTION SENSOR/MANUAL SWITCH-RAISE/LOWER/ON/OFF DEVICE - WHITE MTD. 48" AFF TO TOP.</p> <p>☐ CEILING MOUNTED ULTRASONIC MOTION SENSOR. DEVICE: WHITE</p> <p>☐ WALL MOUNTED DUAL-TECHNOLOGY MOTION SENSOR. DEVICE: WHITE</p> <p>1-120-A FIXTURE CALLOUT:</p> <p>TYPE (SEE LIGHT FIXTURE SCHEDULE)</p> <p>WATTAGE</p> <p>QUANTITY</p> <p>☐ RELAY</p> <p>☐ TIME CLOCK</p> <p>☐ MOTION SENSOR POWER PACK</p> <p>☐ EMERGENCY POWER OFF PUSHBUTTON, MOUNTED AT +48" UCN.</p> <p>☐ PHOTOCELL</p>	<p>⊙ JUNCTION BOX</p> <p>⊙ WALL MOUNTED JUNCTION BOX</p> <p>☐ DUPLEX RECEPTACLE MTD 18" AFF TO CENTER. COVERPLATE COLOR: WHITE</p> <table border="1"> <tr> <th>DEVICE TYPE</th> <th>DEVICE COLOR</th> </tr> <tr> <td>STANDARD</td> <td>WHITE</td> </tr> <tr> <td>IS - ISOLATED GROUND</td> <td>ORANGE</td> </tr> <tr> <td>D - DEDICATED 20A RATED</td> <td>GRAY</td> </tr> <tr> <td>UPS 18A OR 20A UPS</td> <td>GRAY</td> </tr> <tr> <td>EM - EMERGENCY</td> <td>RED</td> </tr> <tr> <td>T - TAMPER RESISTANT</td> <td>WHITE</td> </tr> <tr> <td>USB USB PORT</td> <td>WHITE</td> </tr> </table> <p>☐ 6FI DUPLEX RECEPTACLE MTD 18" AFF TO CENTER. COVERPLATE COLOR: WHITE</p> <p>☐ 6FI DUPLEX WEATHERPROOF RECEPTACLE MTD 18" AFF TO CENTER. USE "IN USE" TYPE COVER PLATES</p> <p>☐ DOUBLE DUPLEX RECEPTACLE MTD 18" AFF TO CENTER. SCHEDULE AS NOTED ABOVE.</p> <p>☐ SPLIT W/RED 15A 1/2 HOT, 1/2 SWITCHED OUTLET COLOR: WHITE</p> <p>☐ DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR, MTD 18" AFF TO CENTER. SCHEDULE AS NOTED ABOVE.</p> <p>☐ DOUBLE DUPLEX RECEPTACLE WITH ONE DUPLEX CONTROLLED BY OCCUPANCY SENSOR, MTD 18" AFF TO CENTER. SCHEDULE AS NOTED ABOVE.</p> <p>☐ 208V/1Ø RECEPTACLE, NEMA CONFIGURATION AS NOTED.</p> <p>☐ 208V/3Ø RECEPTACLE, NEMA CONFIGURATION AS NOTED.</p> <p>☐ FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE.</p> <p>☐ FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE AND SINGLE GANG TEL/DATA RECEPTACLE.</p> <p>☐ FLOOR BOX WITH DUPLEX RECEPTACLE AND SINGLE GANG TEL/DATA RECEPTACLE.</p> <p>☐ SPECIALTY FLOOR BOX PER PLANS MULTIPLE GANG BOX, SEE SPECS.</p> <p>☐ PEDESTAL MOUNTED DOUBLE DUPLEX RECEPTACLE MANUF: HUBBELL#SA6600 1/4"STAINLESS STEEL COVERPLATES</p> <p>☐ PEDESTAL MOUNTED DUPLEX RECEPTACLE MANUF: HUBBELL#SA6600 1/4"STAINLESS STEEL COVERPLATES</p> <p>☐ WEATHERPROOF 6FI WORK OUTLET. PROVIDE CAST BOX 1/4"STAINLESS STEEL W/P COVER.</p> <p>☐ EXTERNALLY OPERATED FUSED DISCONNECT SWITCH. PROVIDE PER NEMA RATING REQUIRED.</p> <p>☐ COMBINATION FVNR MAGNETIC MOTOR STARTER AND DISCONNECT RATINGS AND POLES AS INDICATED. PROVIDE WITH OVERLOAD PER HORSEPOWER REQUIREMENTS, CPT, H.O.A. WITH PILOT LIGHTS, PROVIDE WITH (1) EACH N.O. AND N.C. AUX CONTACTS.</p> <p>☐ FVNR MAGNETIC STARTER WITH OVERLOAD PER HORSEPOWER REQUIREMENTS, CPT, H.O.A. WITH PILOT LIGHTS, PROVIDE WITH (1) EACH N.O. AND N.C. AUX CONTACTS.</p> <p>☐ MOTOR PROVIDED BY OTHERS.</p> <p>☐ FLUSH MOUNTED PANELBOARD</p> <p>☐ SURFACE MOUNTED PANELBOARD</p> <p>☐ SURFACE MOUNTED LIGHTING CONTROL PANEL, U.O.N.</p> <p>☐ FLUSH MOUNTED LIGHTING DIMMING PANEL, U.O.N.</p> <p>☐ FIRE RATED DOUBLE DUPLEX POKE THROUGH</p> <p>☐ FIRE RATED SYSTEMS FURNITURE FEED POKE THROUGH</p> <p>☐ CLOCK HANGER OUTLET ONLY. MOUNTED AT "+_" U.O.N.</p> <p>☐ TELEVISION SYSTEM OUTLET WITH JACK, WALL MOUNTED AT +12" U.O.N.</p> <p>☐ MULTI-OUTLET ASSEMBLY. LENGTH AS INDICATED ON PLANS.</p> <p>☐ FLEXIBLE CONDUIT</p> <p>☐ WIRING OR CONDUIT CONCEALED IN WALL OR CEILING</p> <p>☐ WIRING OR CONDUIT EXPOSED</p> <p>☐ WIRING OR CONDUIT CONCEALED UNDERGROUND OR IN FLOOR</p> <p>☐ RACEWAY OR WIREWAY ASSEMBLY DOWN</p> <p>☐ RACEWAY OR WIREWAY ASSEMBLY UP</p> <p>☐ HOMERUN TO PANEL, CIRCUITS AS INDICATED.</p> <p>☐ UNDERGROUND HOMERUN TO PANEL, CIRCUITS AS INDICATED.</p> <p>☐ CONCEALED ENT CONDUIT WITH THIN WIRE 2#12 AWG 3/4" C. MINIMUM</p> <p>☐ CONCEALED ENT CONDUIT WITH THIN WIRE 2#12 AWG 3/4" C. MINIMUM. CHEVRONS INDICATE #10 CONDUCTORS</p> <p>☐ FUSED SWITCH, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p>☐ CIRCUIT BREAKER, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p>☐ TRANSFORMER, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p>☐ CURRENT TRANSFORMER</p> <p>☐ AUTOMATIC TRANSFER SWITCH</p> <p>☐ GROUNDING ELECTRODE</p> <p>☐ SMOKE DETECTOR</p>	DEVICE TYPE	DEVICE COLOR	STANDARD	WHITE	IS - ISOLATED GROUND	ORANGE	D - DEDICATED 20A RATED	GRAY	UPS 18A OR 20A UPS	GRAY	EM - EMERGENCY	RED	T - TAMPER RESISTANT	WHITE	USB USB PORT	WHITE	<p>A AMPERES</p> <p>AC ALTERNATING CURRENT</p> <p>AIC AMPERES INTERRUPTING CAPACITY</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>AFG ABOVE FINISHED GRADE</p> <p>AF AMP FRAME/AMP FUSE</p> <p>AL ALUMINUM</p> <p>ARCH ARCHITECT OR ARCHITECTURAL</p> <p>AS AMP SWITCH</p> <p>AT AMP TRIP</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>AUX AUXILIARY</p> <p>AWG AMERICAN WIRE GAUGE</p> <p>BACKBD BACKBOARD</p> <p>C CONDUIT WITH WIRE</p> <p>CATV CABLE TELEVISION</p> <p>CCTV CLOSED CIRCUIT TELEVISION</p> <p>CB CIRCUIT BREAKER</p> <p>CLF CURRENT LIMITING FUSE</p> <p>CO CONDUIT ONLY WITH NYLON PULL CORD</p> <p>CONTR CONTRACTOR</p> <p>CU COPPER</p> <p>CT CURRENT TRANSFORMER</p> <p>GN GOLD WATER</p> <p>D DEDICATED OUTLET</p> <p>DC DIRECT CURRENT</p> <p>DF DRINKING FOUNTAIN</p> <p>DIA DIAMETER</p> <p>DISC DISCONNECT</p> <p>DIST DISTRIBUTION</p> <p>DRAWINGS DRAWINGS</p> <p>EA EACH</p> <p>EB 90-MINUTE BATTERY CONNECTED TO UNIT</p> <p>EG ELECTRICAL CONTRACTOR</p> <p>EG EMERGENCY GENERATOR CONNECTION</p> <p>EF EXHAUST FAN</p> <p>ELECT ELECTRICAL</p> <p>ELEV ELEVATION/ELEVATOR</p> <p>EMT ELECTRO-METALLIC TUBING</p> <p>EXIST EXISTING</p> <p>FA FIRE ALARM</p> <p>FC FOOT CANDLE</p> <p>FIX FIXTURE</p> <p>FLUOR FLUORESCENT</p> <p>FT FEET OR FOOT</p> <p>GC GENERAL CONTRACTOR</p> <p>GD GARBAGE DISPOSAL</p> <p>GEN GENERATOR</p> <p>GFI GROUND FAULT INTERRUPTER</p> <p>GFR GROUND FAULT RELAY</p> <p>GND GROUND</p> <p>H HORIZONTAL</p> <p>HI HIGH INTENSITY DISCHARGE</p> <p>HP HORSEPOWER</p> <p>HPS HIGH PRESSURE SODIUM</p> <p>HR HOUR</p> <p>HT HEIGHT</p> <p>HZ HERTZ</p> <p>I ISOLATED GROUND BUS OR WIRE</p> <p>IMC INTERMEDIATE METAL CONDUIT</p> <p>INCANDESCENT INCANDESCENT</p> <p>J BOX JUNCTION BOX</p> <p>KVA KILO-VOLTAMPERE</p> <p>KWH KILO-WATT HOUR</p> <p>LF LINEAL FEET</p> <p>LTS LIGHTING</p> <p>LV LOW VOLTAGE</p> <p>MANUF MANUFACTURER</p> <p>MAX MAXIMUM</p> <p>MC MECHANICAL CONTRACTOR</p> <p>MCC MOTOR CONTROL CENTER</p> <p>MECH MECHANICAL</p> <p>MIN MINIMUM</p> <p>MH METAL HALIDE</p> <p>MLO MAIN LUGS ONLY</p> <p>MTG MOUNTING</p> <p>MV MERCURY VAPOR</p> <p>N NEUTRAL</p> <p>NEG NATIONAL ELECTRIC CODE</p> <p>NG NOT IN CONTRACT</p> <p>NL NIGHT LIGHT</p> <p>NTS NOT TO SCALE</p> <p>OC ON CENTER</p> <p>OFN OWNER FURNISHED CONTRACTOR INSTALLED</p> <p>OFOI OWNER FURNISHED OWNER INSTALLED</p> <p>P PEDESTAL MOUNT</p> <p>PB PULL BOX</p> <p>PC PHOTOCELL CONTROL</p> <p>PCTG PHOTOCELL/TIMELOCK CONTROL</p> <p>PH PHASE</p> <p>PV POST INDICATING VALVE</p> <p>PL PILOT LIGHT</p> <p>PVC POLY(VINYL CHLORIDE)</p> <p>PWR POWER</p> <p>PP POWER POLE</p> <p>QR QUANTITY</p> <p>QTY QUANTITY</p> <p>RECEPT RECEPTACLE</p> <p>REF REFRIGERATOR</p> <p>RSS RIGID GALVANIZED STEEL</p> <p>SD SMOKE DETECTOR</p> <p>SPEC SPECIFICATION</p> <p>SQ FT SQUARE FEET OR SQUARE FOOT</p> <p>SW SWITCH</p> <p>SWBD SWITCHBOARD</p> <p>TEMP TEMPERATURE OR TEMPORARY</p> <p>TV TELEVISION</p> <p>TEL TELEPHONE</p> <p>TC TIME CLOCK</p> <p>TRANSF TRANSFORMER</p> <p>TYP TYPICAL</p> <p>UGPS UNDERGROUND FULL SECTION</p> <p>UNO UNDERWRITERS LABORATORIES</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>UPS UNINTERRUPTIBLE POWER SUPPLY</p> <p>V VOLTS</p> <p>VA VOLT-AMPERE</p> <p>WH WATER HEATER</p> <p>W/P WEATHER PROOF</p> <p>XFMR TRANSFORMER</p>
DEVICE TYPE	DEVICE COLOR																	
STANDARD	WHITE																	
IS - ISOLATED GROUND	ORANGE																	
D - DEDICATED 20A RATED	GRAY																	
UPS 18A OR 20A UPS	GRAY																	
EM - EMERGENCY	RED																	
T - TAMPER RESISTANT	WHITE																	
USB USB PORT	WHITE																	
<p>TEL/DATA SYMBOLS</p>	<p>TEL/DATA SYMBOLS</p>	<p>TEL/DATA SYMBOLS</p>																
<p>▽ DATA OUTLET WITH TRIM RING, PULLSTRING TO ACCESSIBLE CEILING SPACE. +18" A.F.F. TO CENTER.</p> <p>▽ TELEPHONE OUTLET WITH TRIM RING, PULLSTRING TO ACCESSIBLE CEILING SPACE. +18" A.F.F. TO CENTER.</p> <p>▽ TELECOMMUNICATIONS OUTLET WITH TRIM RING, PULLSTRING TO ACCESSIBLE CEILING SPACE +18" A.F.F. TO CENTER.</p> <p>① TELECOMMUNICATION OUTLET FLUSH FLOOR MOUNTED ON FIRE RATED POKE-THRU.</p> <p>☉ SPEAKER BACK BOX LOCATION</p> <p>☉ INTERCOM J-BOX LOCATION</p> <p>☐ ELECTROMAGNETIC DOOR HOLDER</p> <p>☐ INTERCOM LOCATION</p> <p>☐ CARD READER</p> <p>☐ ELECTRIC DOOR STRIKE</p> <p>☐ 3/4" FIRE RATED PLYWOOD BACKBOARD WITH #6AWG GROUND TO BUILDING SYSTEM GROUND.</p> <p>        CABLE TRAY PER PLANS. COORDINATE ROUTING WITH OTHER DISCIPLINES.</p>	<p>TEL/DATA SYMBOLS</p>	<p>TEL/DATA SYMBOLS</p>																
<p>GENERAL NOTES</p>	<p>GENERAL NOTES</p>	<p>GENERAL NOTES</p>																
<ol style="list-style-type: none"> <li>EXTERIOR LIGHTING SYSTEM SHALL BE EQUIPPED WITH AUTOMATIC TIMING DEVICE AND CONTROL SHUT-OFF BETWEEN 11PM &amp; 6AM</li> <li>ALL ELECTRICAL DEVICES AND UTILIZATION EQUIPMENT SHALL BE LISTED BY AN APPROVED TESTING AGENCY</li> <li>ALL WORK TO COMPLY WITH 2019 OF THE CALIFORNIA ELECTRICAL CODE.</li> <li>USE COPPER CONDUCTORS ONLY.</li> <li>THERMOSTATS, SWITCHES AND/OR RECEPTACLES INSTALLED IN RESTROOMS OR OTHER AREAS EQUIPPED FOR THE DISABLED, SHALL BE LOCATED AT NOT TO EXCEED 48" TO TOP OF BOX FROM THE FLOOR.</li> <li>ALL 15 AND 20 AMP, 120V RECEPTACLES IN KITCHEN AREAS SHALL BE GFCI PROTECTED</li> <li>CONTRACTOR IS TO VERIFY MOUNTING HEIGHTS OF ALL DEVICES PRIOR TO MOUNTING</li> <li>VERIFY ROUTING OF ANY SURFACE MOUNTED CONDUITS PRIOR TO INSTALLATION</li> <li>REVIEW ALL PLANS BY OTHER TRADES AND PROVIDE ADDITIONAL WORK AS REQUIRED NOT OUTLINED IN THESE DOCUMENTS</li> <li>COORDINATE ALL DIMMING FIXTURES WITH DIMMING SYSTEM AND SPECIFIED FIXTURE. PROVIDE WIRE COUNT AS REQUIRED PER MANUFACTURE SPECIFICATIONS.</li> <li>ELECTRICAL CONTRACTOR SHALL PROVIDE MULTI-POLE CIRCUIT BREAKERS WITH COMMON TRIP OR U.L. LISTED HANDLE TIES FOR ALL MULTI-POLE CIRCUITS WITH SHARED NEUTRAL.</li> <li>ALL LIGHTING AND CONTROLS ARE TO BE AS SPECIFIED. ANY SUBSTITUTION WILL REQUIRE A RE-DESIGN OF THE LIGHTING PLANS, FIXTURE SCHEDULE AND T-24 DOCUMENTATION. COST FOR THIS RE-DESIGN IS TO BE PAID BY THE ELECTRICAL CONTRACTOR.</li> <li>CONTRACTOR TO VERIFY LOAD TYPES AND EQUIPMENT COMPATIBILITY FOR ALL DIMMING LOADS PRIOR TO RELEASE OF ANY ORDERS.</li> </ol>	<p>GENERAL NOTES</p>	<p>GENERAL NOTES</p>																



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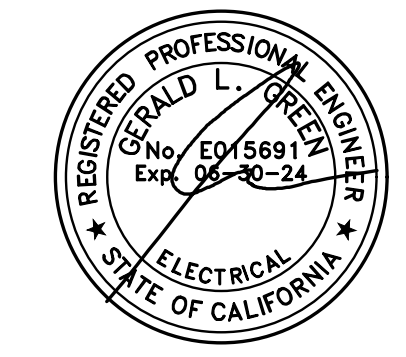
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Project Title  
IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT

Sheet Title  
SYMBOLS LIST

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number E001

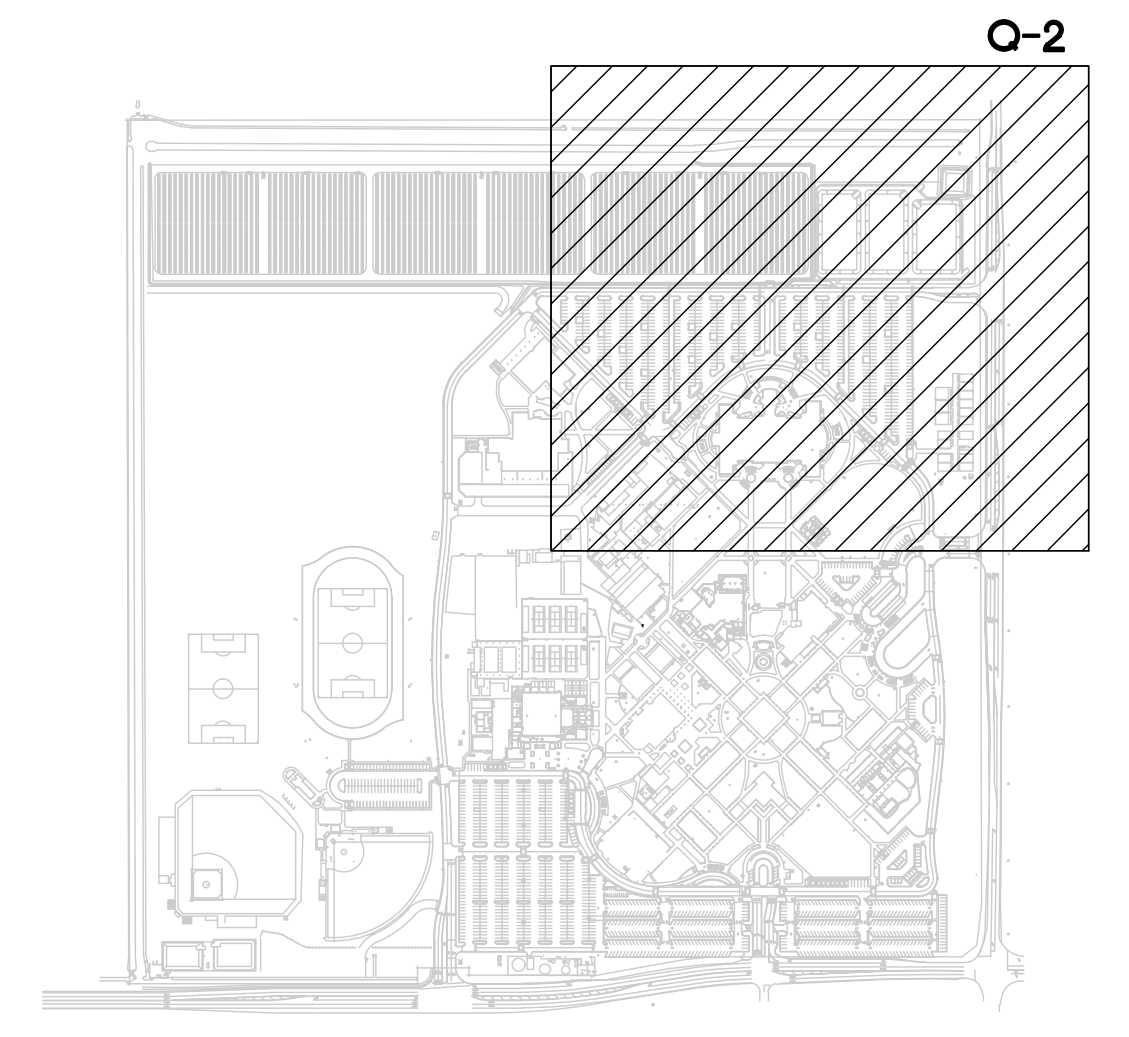




**APPROVALS**

**NOTES**

- 1 SWITCH CABINET, SEE ARCHITECTURAL DRAWINGS, PROVIDE DUPLEX RECEPTACLE
- 2 12"x18"x12" D. CONCRETE PULLBOX
- 3 EXISTING PANEL "EILF"
- 4 3/4" FVC, 2#5 CU, 1#10 CU GND
- 5 CONDUIT BOX FOR ENTRY INTO BUILDING
- 6 6"x6"x4" D. PULLBOX IN BUILDING
- 7 3/4" EMT, 2#5 CU, 1#10 CU GND ABOVE CEILING
- 8 VERIFY ROUTING ABOVE CORRIDOR CEILING
- 9 EXISTING PANEL "WILD"
- 10 1" FVC C, 2#5 CU, 1#5 CU GND
- 11 1 1/2" FVC, 2#5 CU, 1#5 CU, 1#5 CU GND
- 12 1 1/2" FVC, 2#5 CU, 2#5 CU, 1#5 CU GND
- 13 1 1/2" EMT C, 2#5 CU, 2#5 CU, 1#5 CU GND



KEY MAP



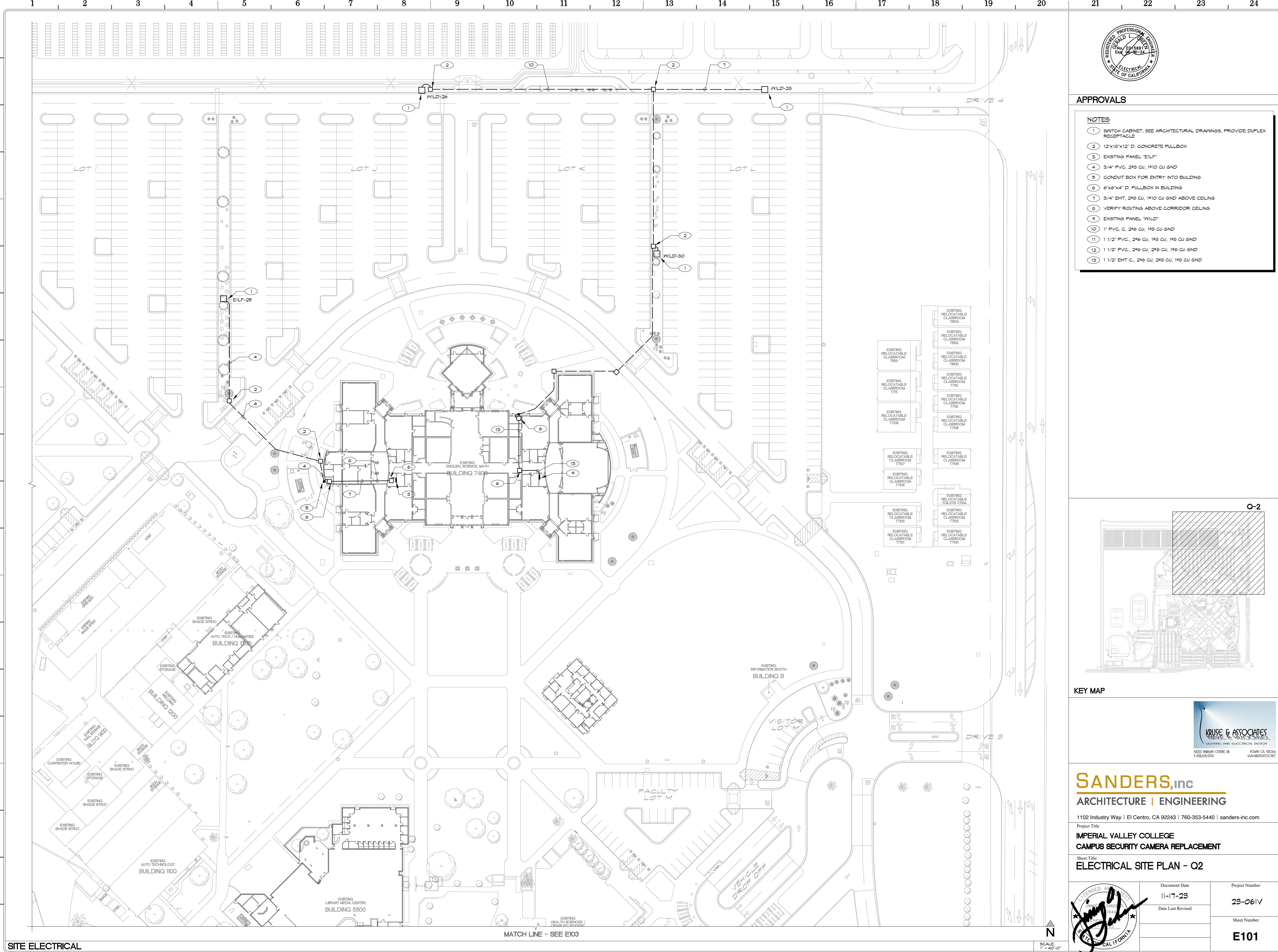
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**ELECTRICAL SITE PLAN - Q2**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>E101</b>



MATCH LINE - SEE E103

SITE ELECTRICAL

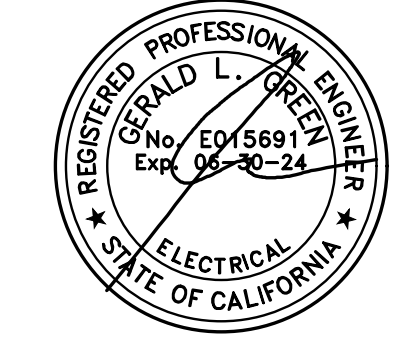
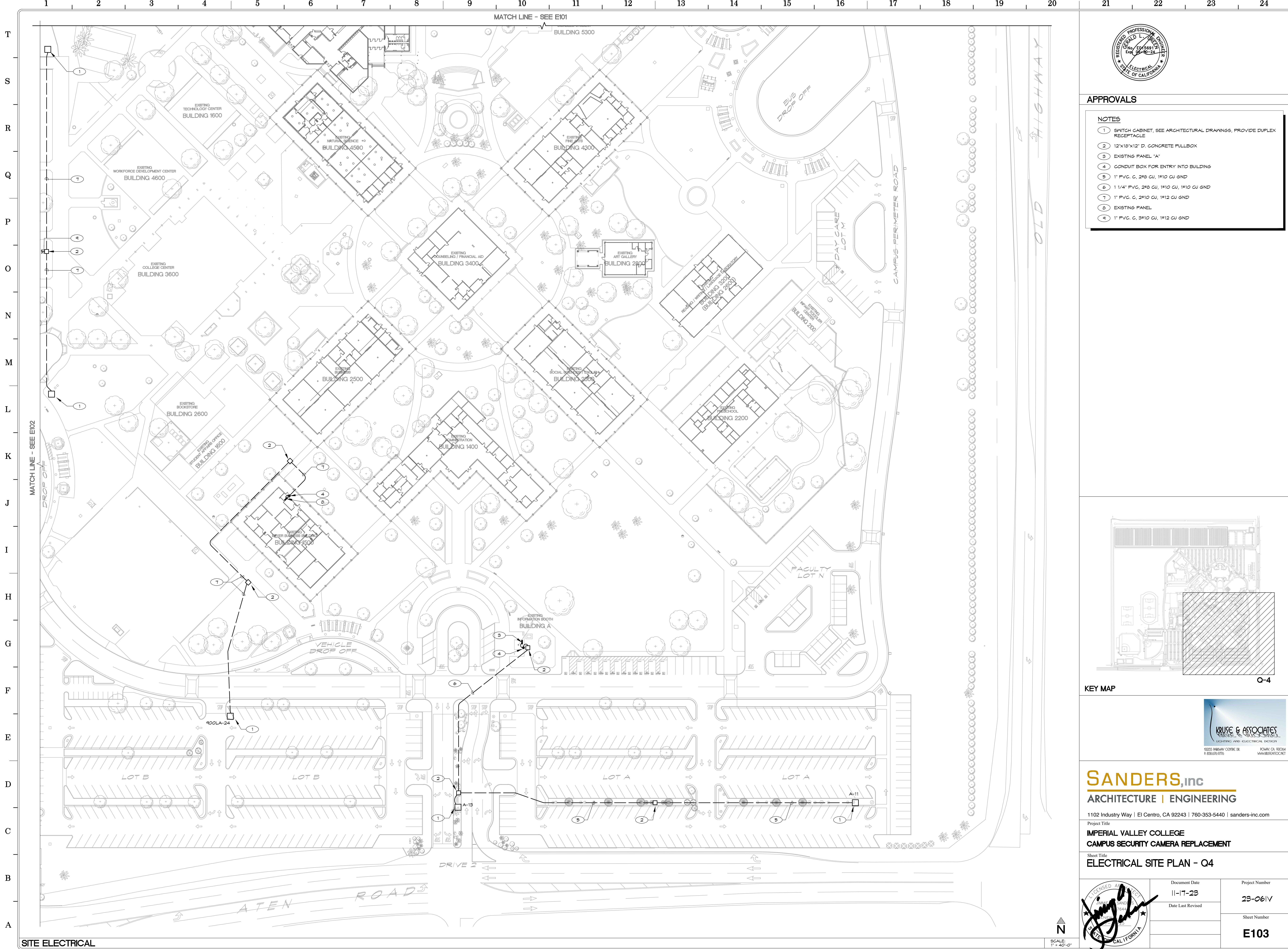
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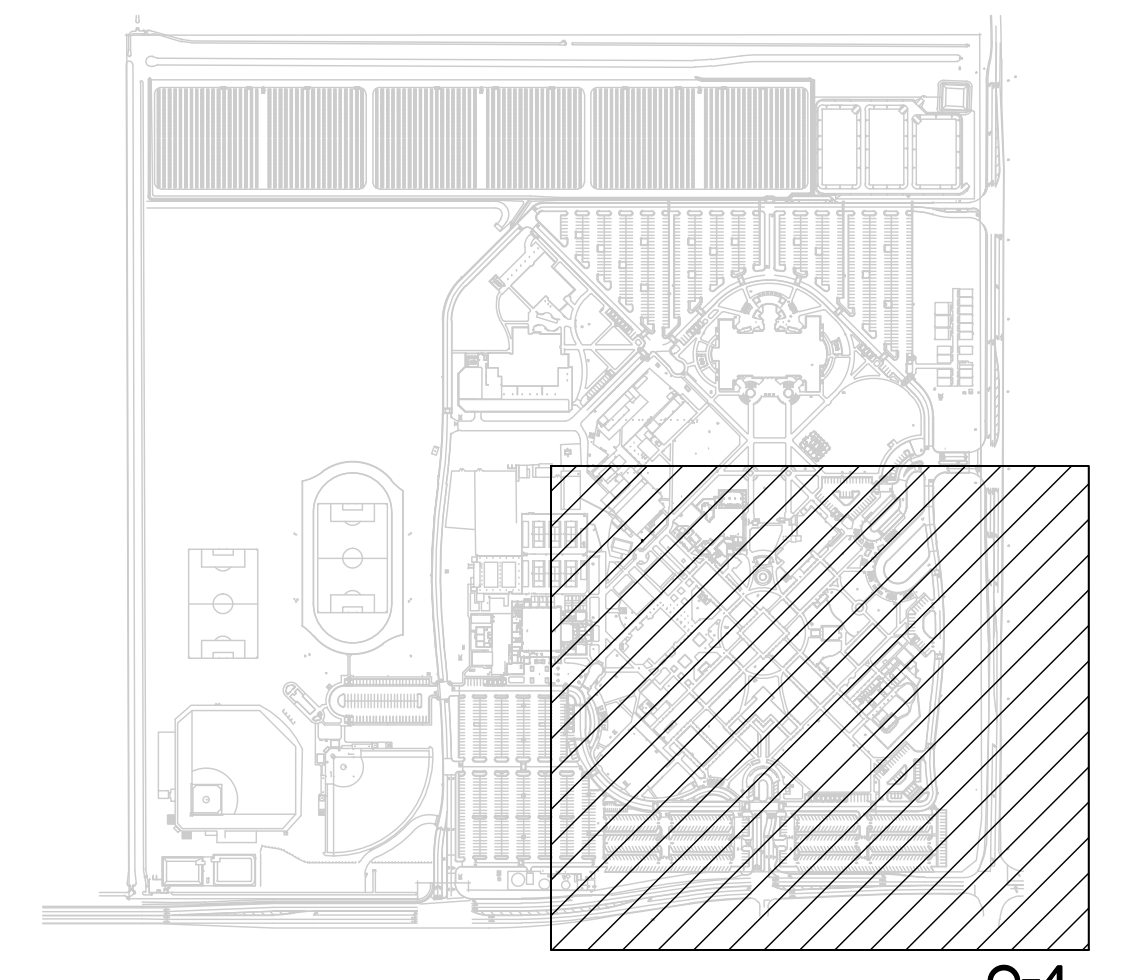




**APPROVALS**

**NOTES**

- 1 SWITCH CABINET, SEE ARCHITECTURAL DRAWINGS, PROVIDE DUPLEX RECEPTACLE
- 2 12"x18"x12" D. CONCRETE PULLBOX
- 3 EXISTING PANEL "A"
- 4 CONDUIT BOX FOR ENTRY INTO BUILDING
- 5 1" F.V.C. C, 2#8 CU, 1#10 CU GND
- 6 1 1/4" F.V.C. 2#8 CU, 1#10 CU, 1#10 CU GND
- 7 1" F.V.C. C, 2#10 CU, 1#12 CU GND
- 8 EXISTING PANEL
- 9 1" F.V.C. C, 3#10 CU, 1#12 CU GND



KEY MAP

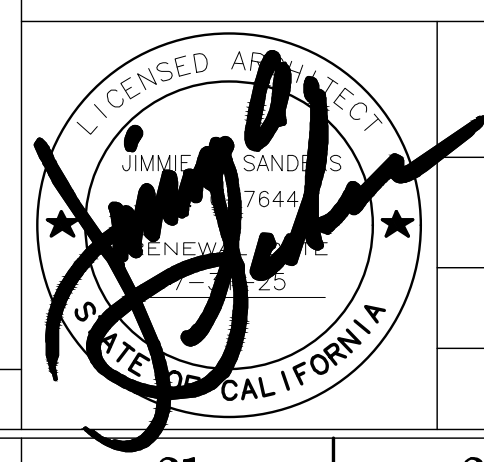


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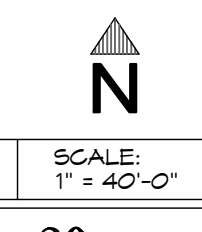
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**ELECTRICAL SITE PLAN - Q4**



Document Date 11-17-23	Project Number 23-061V
Date Last Revised	Sheet Number <b>E103</b>

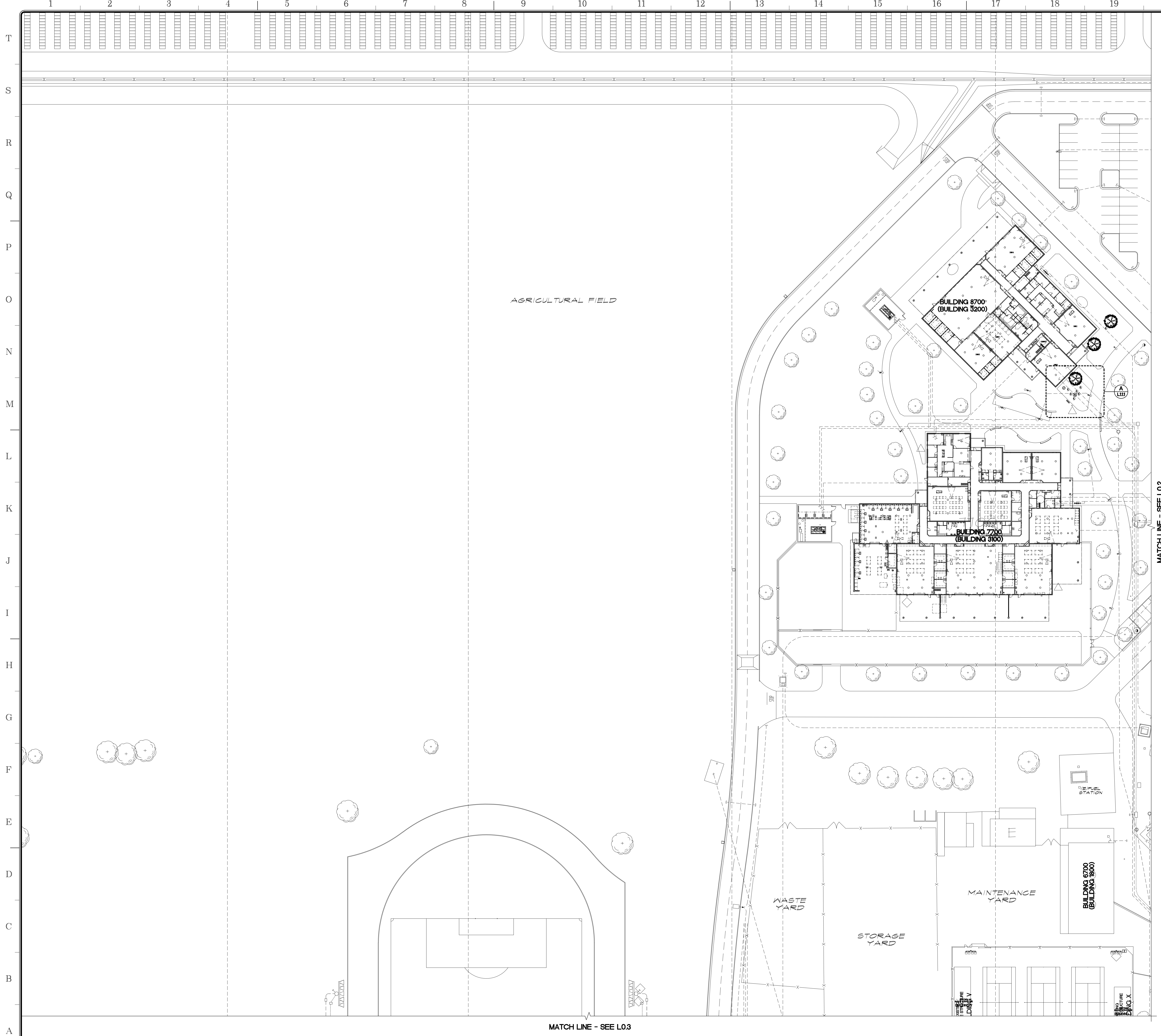


SITE ELECTRICAL



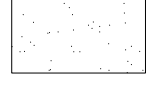

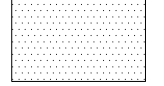
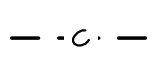


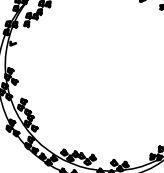
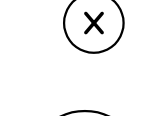


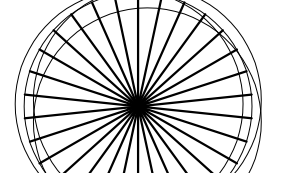
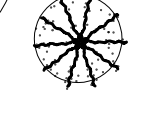

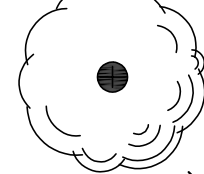






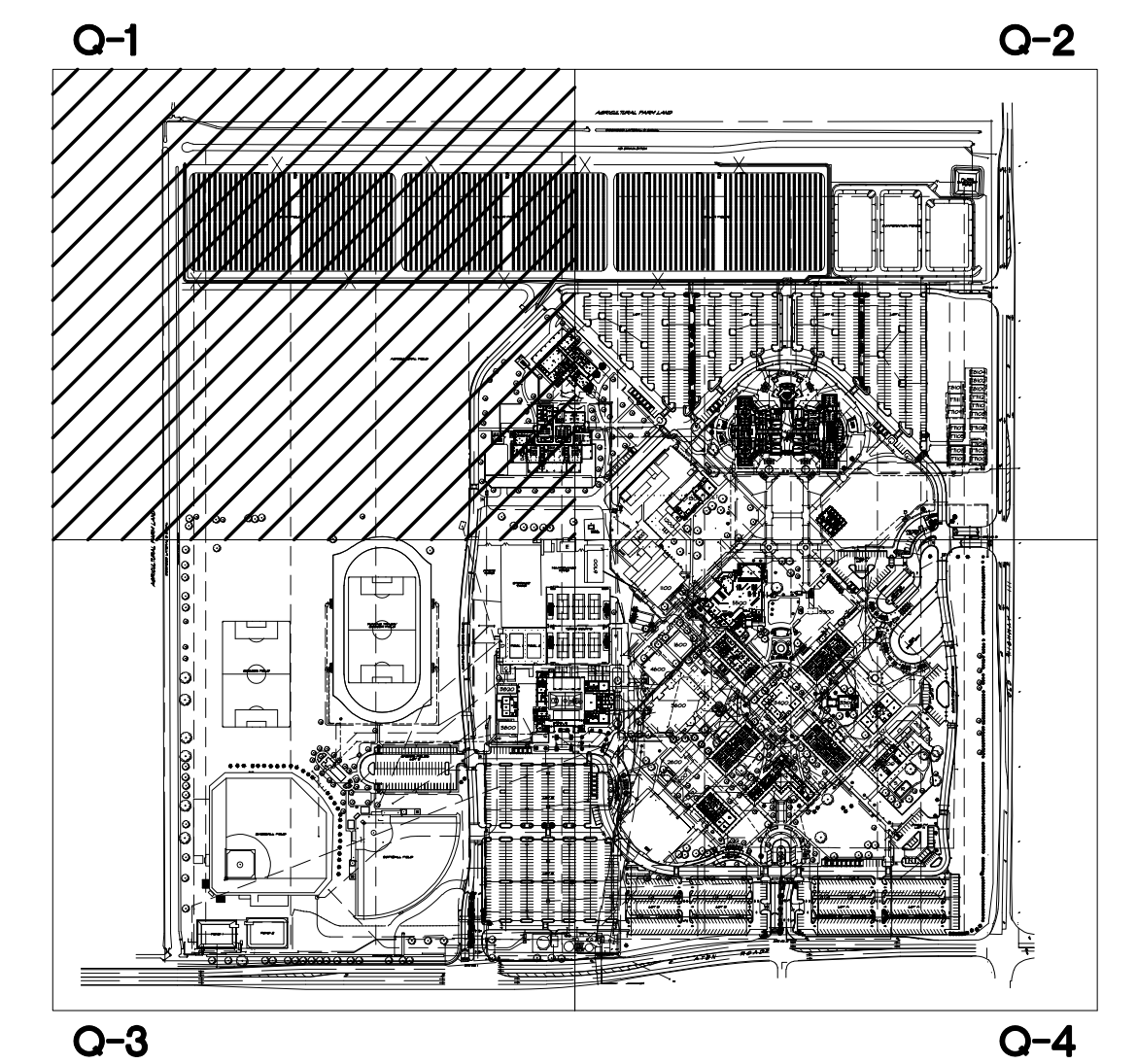


**APPROVALS**

**LEGEND:**

-  EXISTING NATURAL DIRT
-  EXISTING LANDSCAPE - GRASS
-  EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
-  NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
-  **BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
-  **BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
-  **WILLOW ACACIA**  
ACACIA SALICINA
-  **DEER GRASS**  
MULLENBERGIA RIGENS
-  **GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
-  **RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
-  **CHINESE ELM TREE**  
ULMUS PARVIFOLIA
-  **TOOTHLESS SOTOL**  
DASYLIRION QUADRANGULATUM
-  **VARIEGATED CENTURY PLANTS**  
AGAVE AMERICANA 'MARGINATA'
-  **EUCALYPT**  
EUCALYPTUS
-  **OLEANDER**  
NERIUM OLEANDER
-  **PALO VERDE**  
PARKINSONIA ACULEATA

- NOTES:**
1. LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
  2. THIS PLAN IS FOR REFERENCE ONLY. TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
  3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.

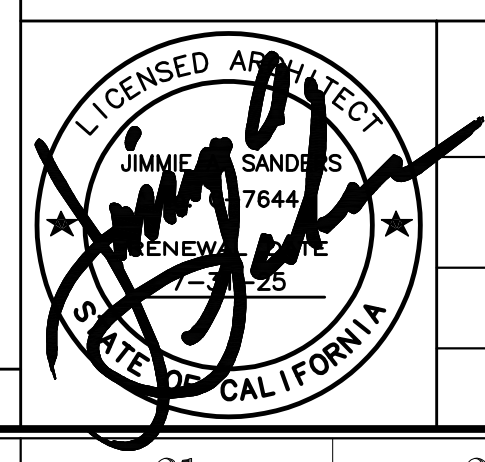


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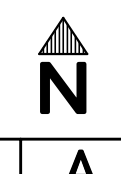
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

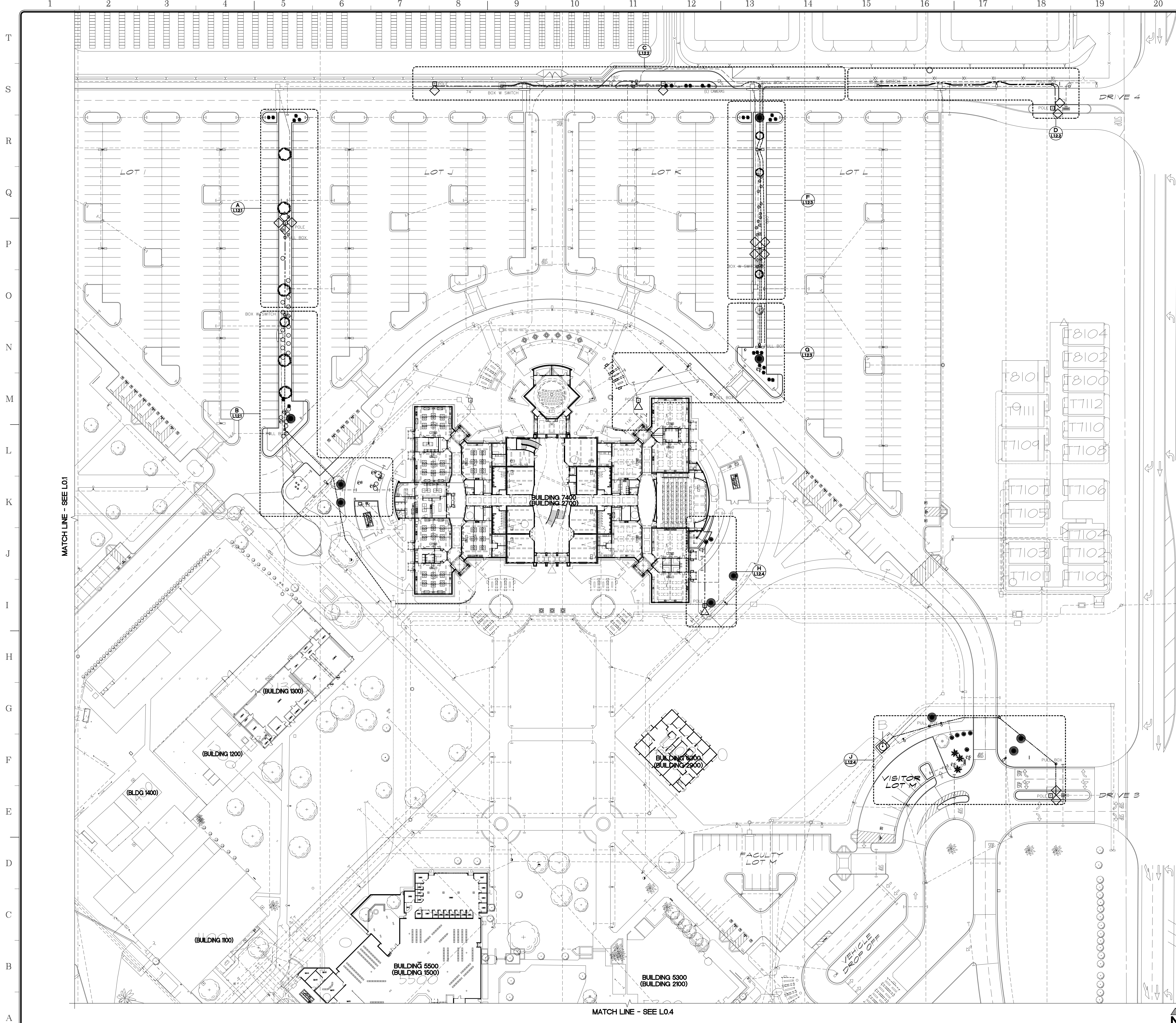
Sheet Title  
**LANDSCAPE SITE PLAN - Q1**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>L0.1</b>

SCALE: 1" = 40'-0"



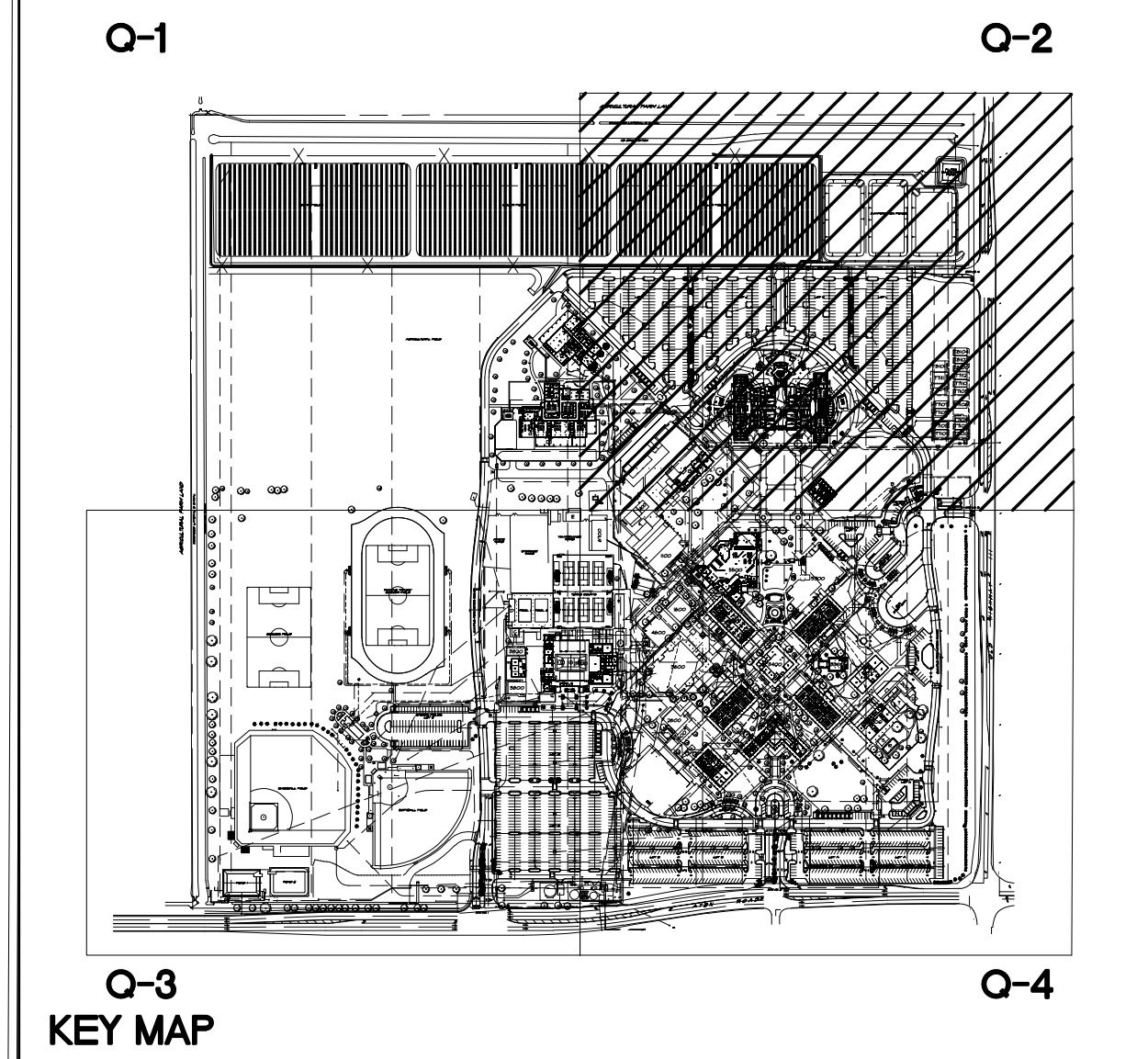




- APPROVALS**
- LEGEND:**
- EXISTING NATURAL DIRT
  - EXISTING LANDSCAPE - GRASS
  - EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
  - G - NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
  - BOUGAINVILLEA LA JOLLA  
BOUGAINVILLEA SPECTABILIS
  - BOXWOOD BEAUTY SHRUB  
CARISSA MACROCARPA
  - WILLOW ACACIA  
ACACIA SALICINA
  - DEER GRASS  
MULLENBERGIA RIGENS
  - GREEN CLOUD TEXAS RANGER  
LEUCOPHYLLUM FRUTESCENS
  - RED BIRD OF PARADISE SHRUB  
CAESALPINA PULCHERRIMA
  - CHINESE ELM TREE  
ULMUS PARVIFOLIA
  - TOOTHLESS SOTOL  
DASYLIRION QUADRANGULATUM
  - VARIEGATED CENTURY PLANTS  
AGAVE AMERICANA 'MARGINATA'
  - EUCALYPT  
EUCALYPTUS
  - OLEANDER  
NERIUM OLEANDER
  - PALO VERDE  
PARKINSONIA ACULEATA

**NOTES:**

1. LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
2. THIS PLAN IS FOR REFERENCE ONLY TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.



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

Sheet Title  
**LANDSCAPE SITE PLAN - Q2**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>L0.2</b>

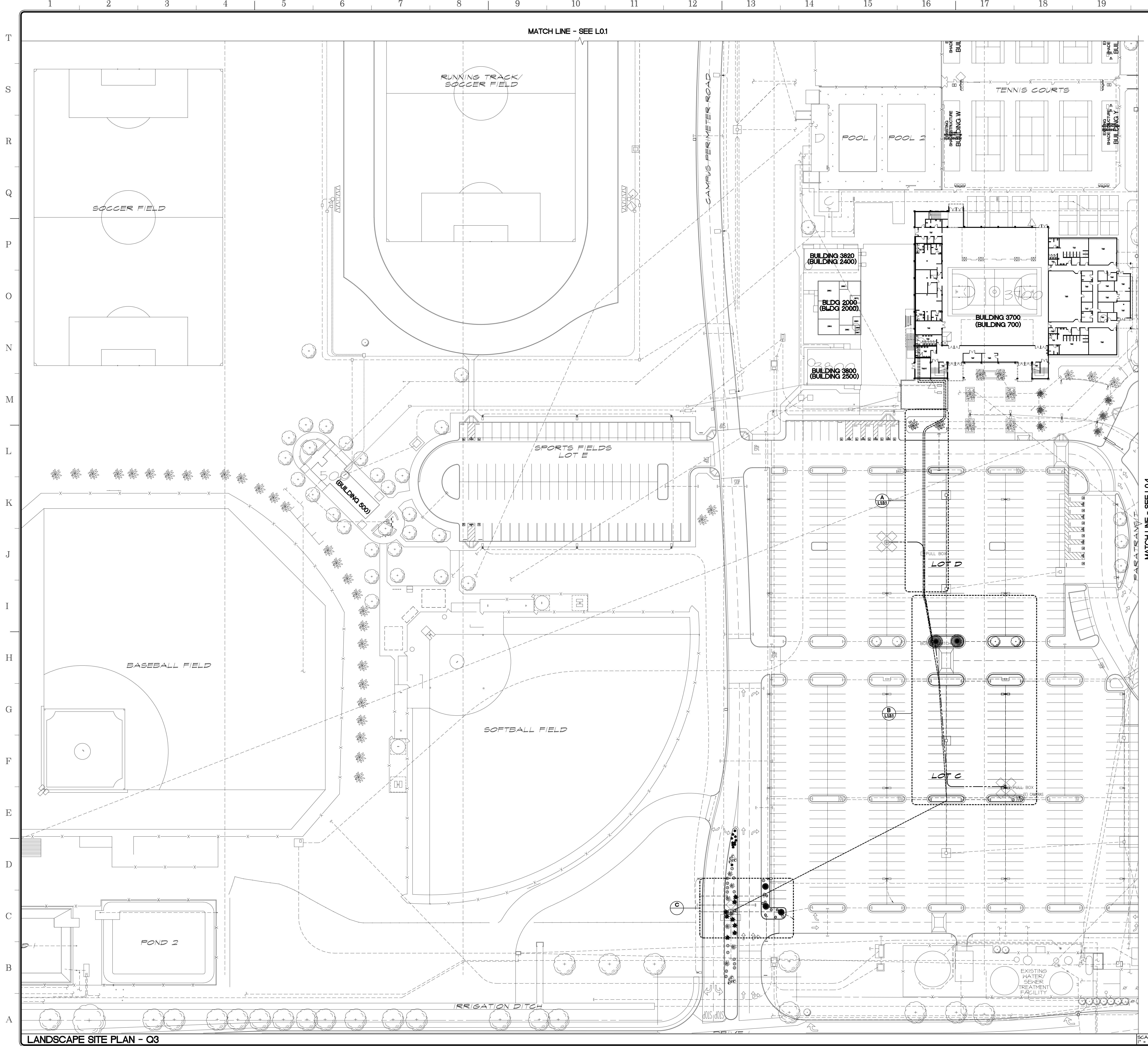
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MATCH LINE - SEE L0.1

MATCH LINE - SEE L0.4





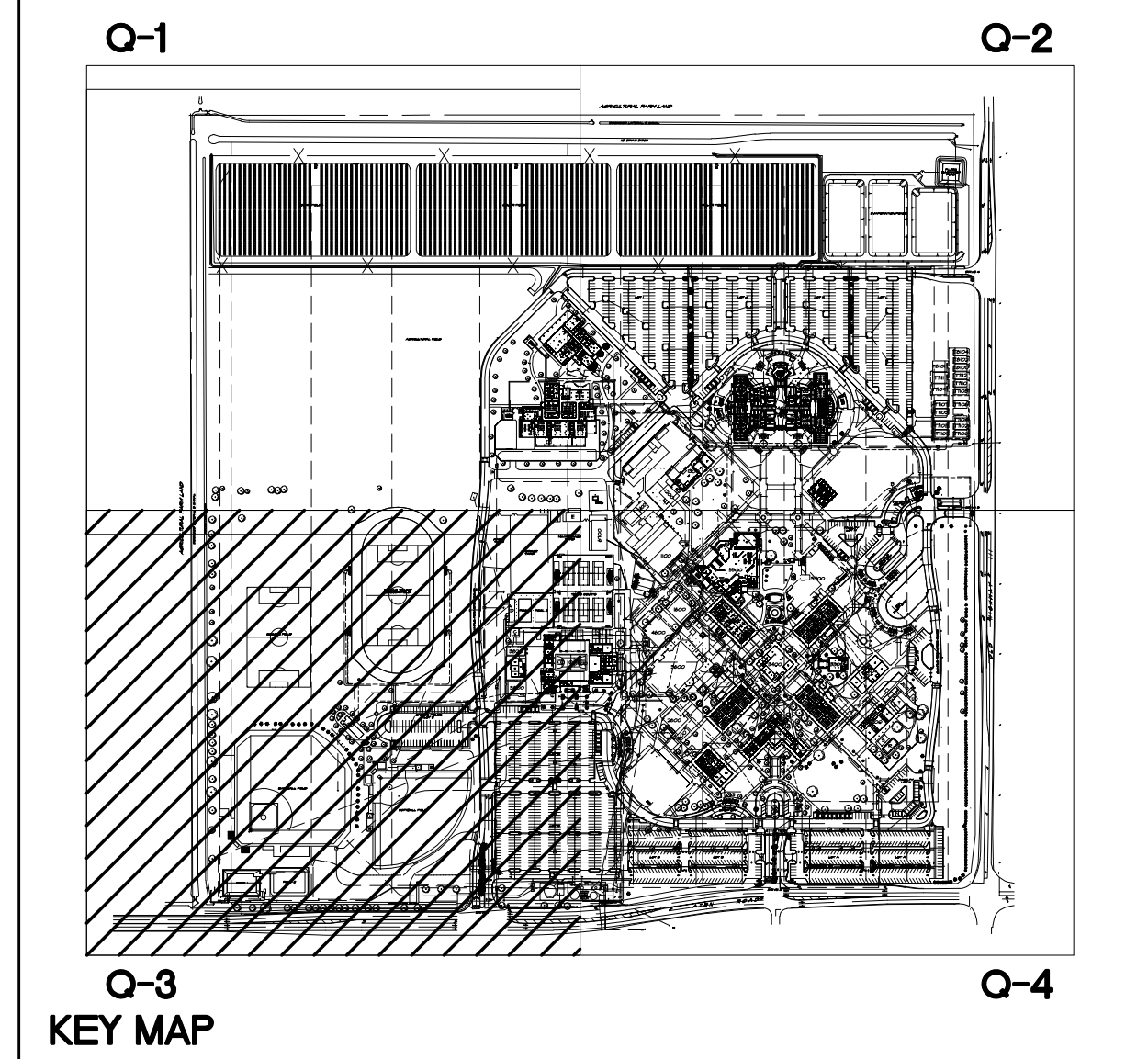
MATCH LINE - SEE L01

MATCH LINE - SEE L04

- APPROVALS**
- LEGEND:**
- EXISTING NATURAL DIRT
  - EXISTING LANDSCAPE - GRASS
  - EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
  - NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
  - BOUGAINVILLEA LA JOLLA  
BOUGAINVILLEA SPECTABILIS
  - BOXWOOD BEAUTY SHRUB  
CARISSA MACROCARPA
  - WILLOW ACACIA  
ACACIA SALICINA
  - DEER GRASS  
MULLENBERGIA RIGENS
  - GREEN CLOUD TEXAS RANGER  
LEUCOPHYLLUM FRUTESCENS
  - RED BIRD OF PARADISE SHRUB  
CAESALPINA PULCHERRIMA
  - CHINESE ELM TREE  
ULMUS PARVIFOLIA
  - TOOTHLESS SOTOL  
DASYLIRION QUADRANGULATUM
  - VARIEGATED CENTURY PLANTS  
AGAVE AMERICANA 'MARGINATA'
  - EUCALYPT  
EUCALYPTUS
  - OLEANDER  
NERIUM OLEANDER
  - PALO VERDE  
PARKINSONIA ACULEATA

**NOTES:**

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

Sheet Title  
**LANDSCAPE SITE PLAN - Q3**

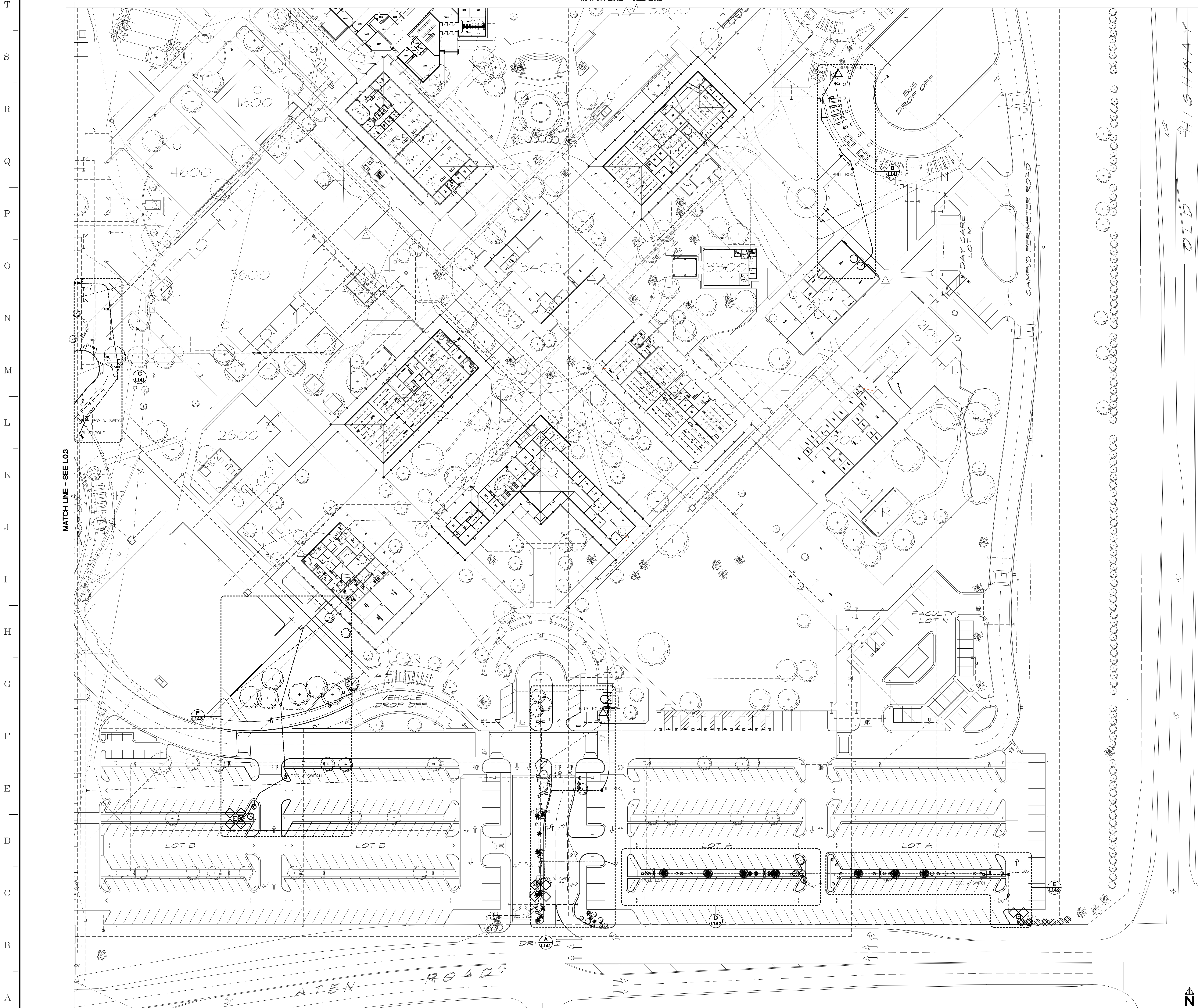
	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>L0.3</b>

LANDSCAPE SITE PLAN - Q3

SCALE: 1" = 40'-0"



MATCH LINE - SEE L02

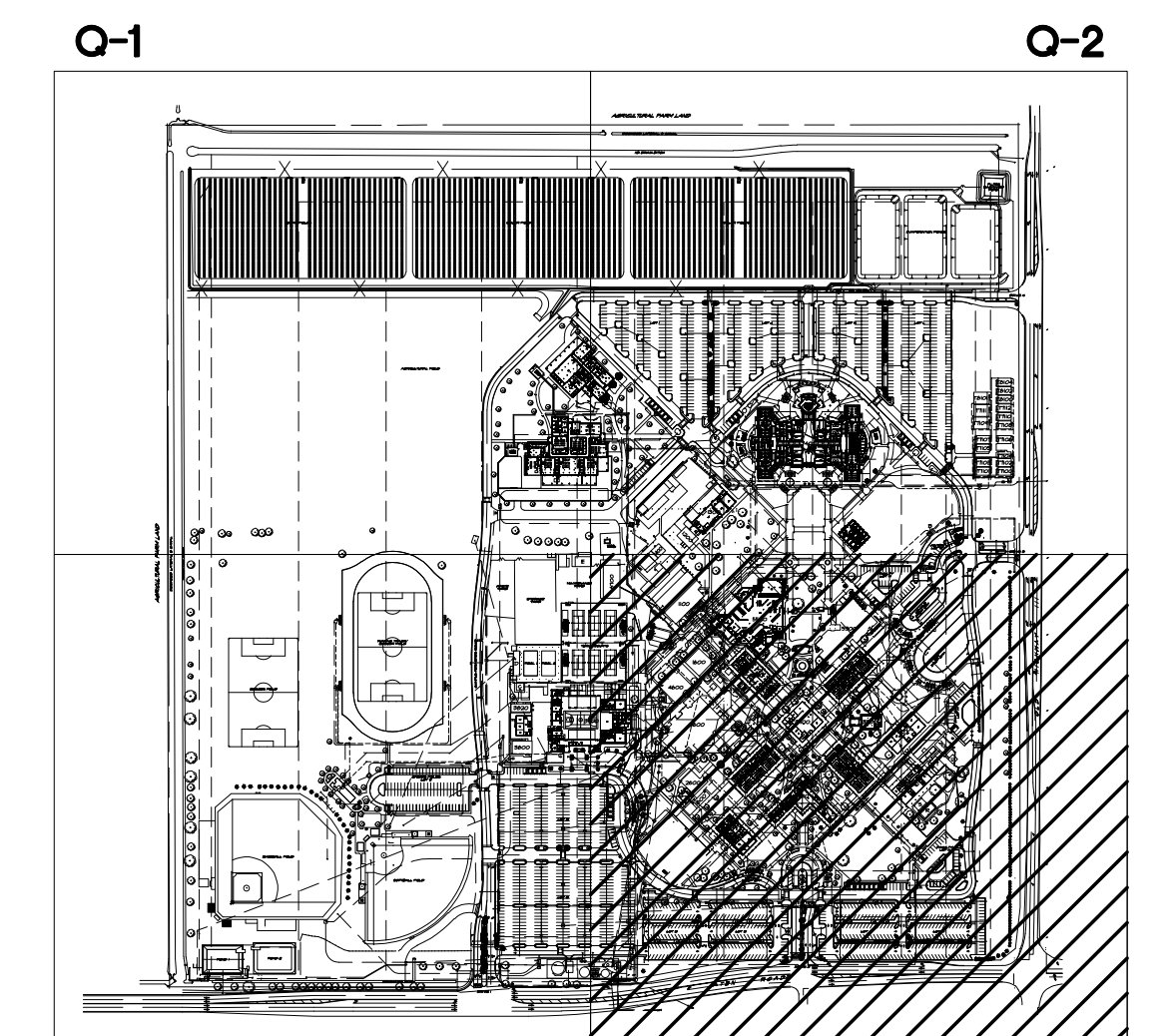


APPROVALS

LEGEND:

- EXISTING NATURAL DIRT
- EXISTING LANDSCAPE - GRASS
- EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
- NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
- BOUGAINVILLEA LA JOLLA**  
*BOUGAINVILLEA SPECTABILIS*
- BOXWOOD BEAUTY SHRUB**  
*CARISSA MACROCARPA*
- WILLOW ACACIA**  
*ACACIA SALICINA*
- DEER GRASS**  
*MULLENBERGIA RIGENS*
- GREEN CLOUD TEXAS RANGER**  
*LEUCOPHYLLUM FRUTESCENS*
- RED BIRD OF PARADISE SHRUB**  
*CAESALPINA PULCHERRIMA*
- CHINESE ELM TREE**  
*ULMUS PARVIFOLIA*
- TOOTHLESS SOTOL**  
*DASYLIRION QUADRANGULATUM*
- VARIEGATED CENTURY PLANTS**  
*AGAVE AMERICANA 'MARGINATA'*
- EUCALYPT**  
*EUCALYPTUS*
- OLEANDER**  
*NERIUM OLEANDER*
- PALO VERDE**  
*PARKINSONIA ACULEATA*

NOTES:  
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 3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.



KEY MAP

**SANDERS, inc**  
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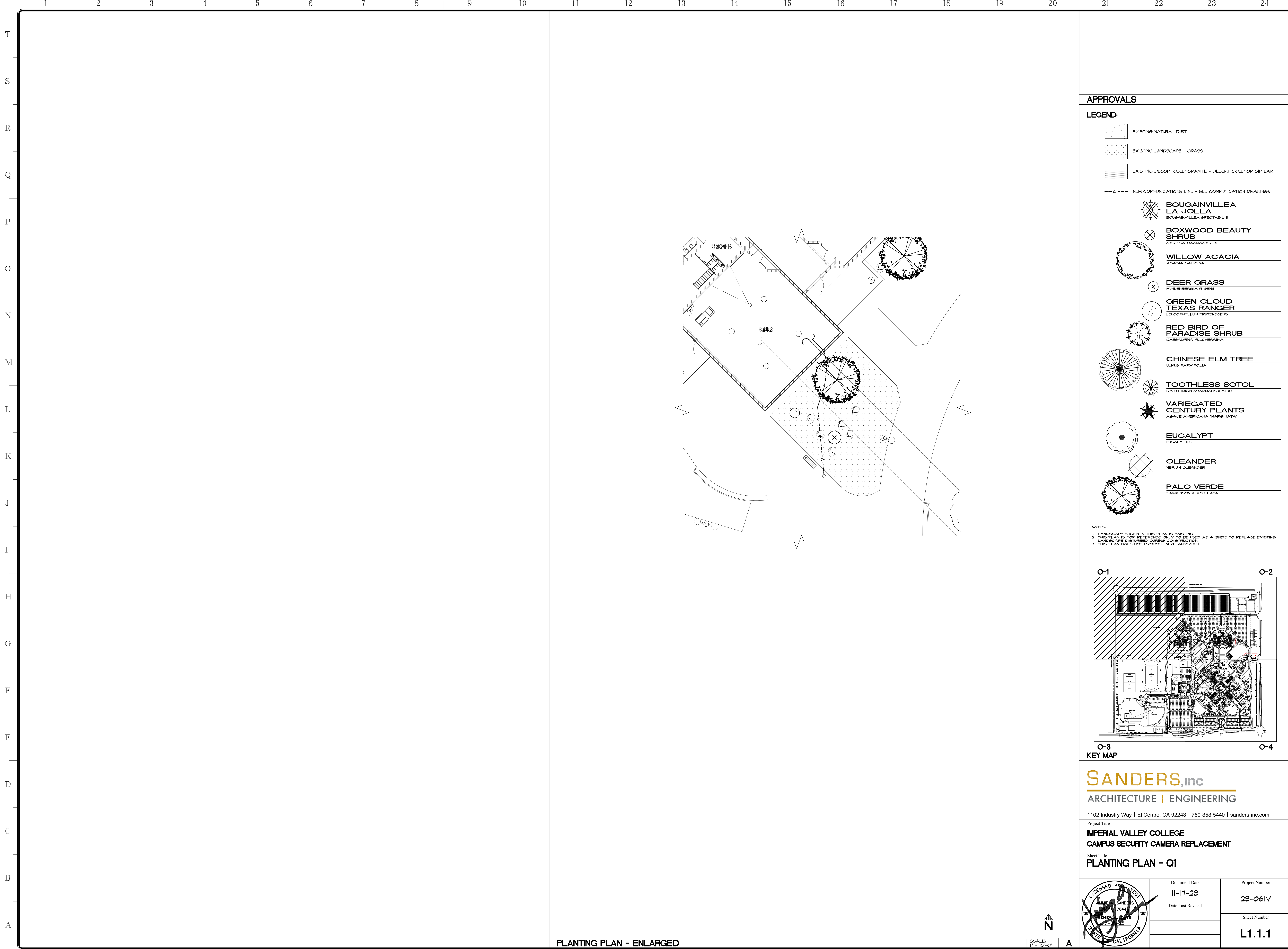
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**LANDSCAPE SITE PLAN - Q4**

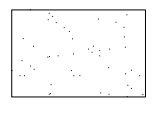
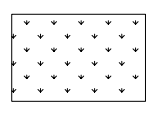
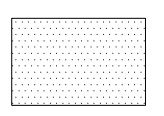
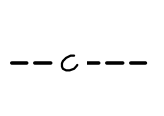

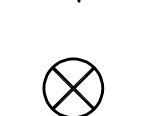



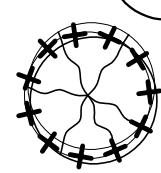
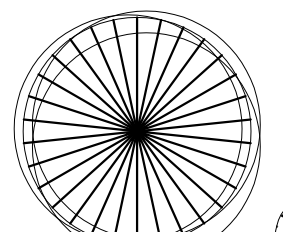


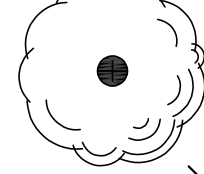
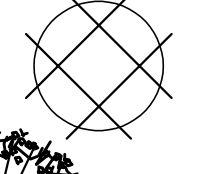

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>L0.4</b>



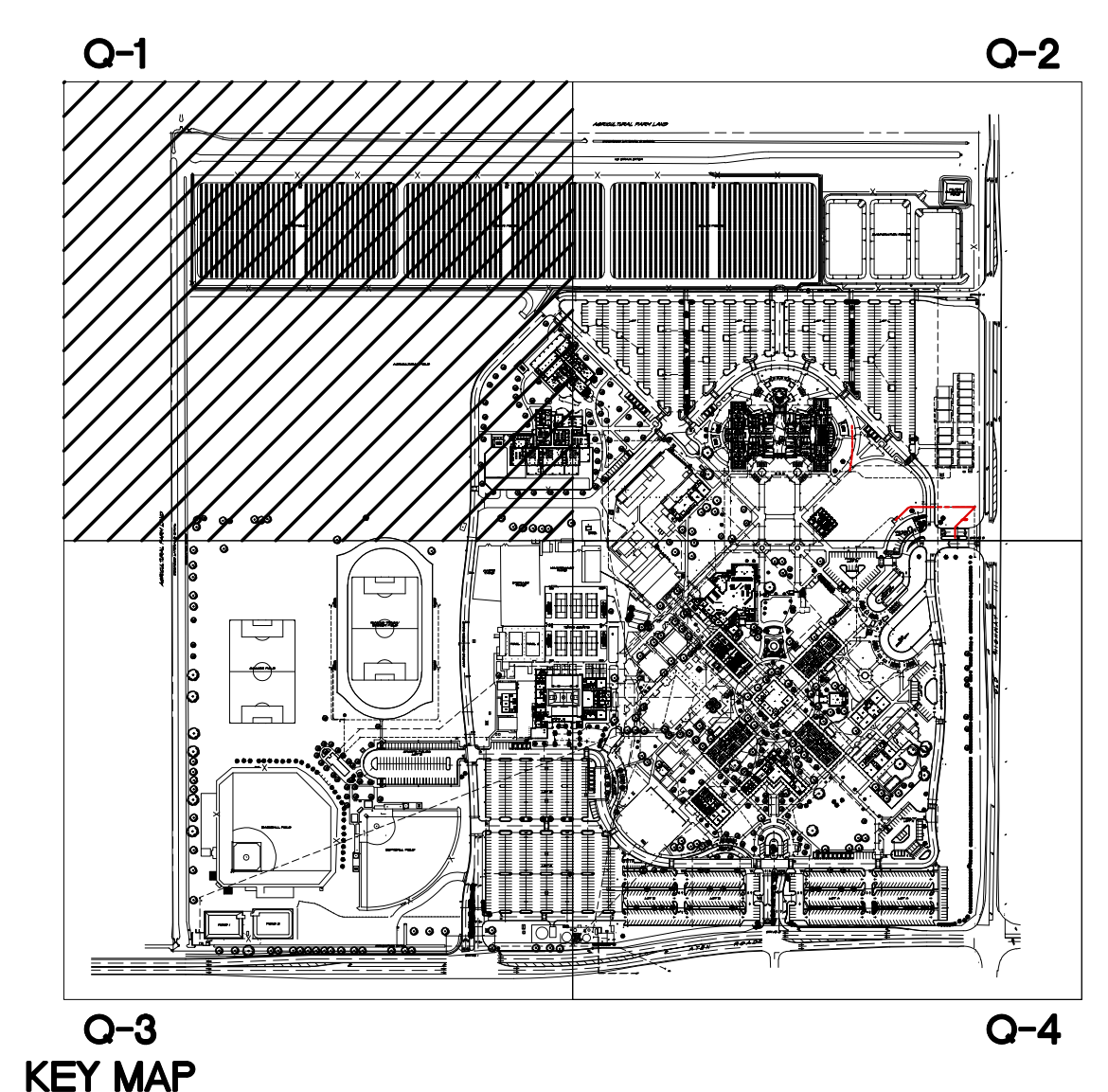


**APPROVALS**

**LEGEND:**

-  EXISTING NATURAL DIRT
-  EXISTING LANDSCAPE - GRASS
-  EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
-  --- NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
-  **BOUGAINVILLEA LA JOLLA**  
*BOUGAINVILLEA SPECTABILIS*
-  **BOXWOOD BEAUTY SHRUB**  
*CARISSA MACROCARPA*
-  **WILLOW ACACIA**  
*ACACIA SALICINA*
-  **DEER GRASS**  
*MULLEBERGIA RIENS*
-  **GREEN CLOUD TEXAS RANGER**  
*LEUCOPHYLLUM FRUTESCENS*
-  **RED BIRD OF PARADISE SHRUB**  
*CAESALPINA PULCHERRIMA*
-  **CHINESE ELM TREE**  
*ULMUS PARVIFOLIA*
-  **TOOTHLESS SOTOL**  
*DASTILIRION QUADRANGULATUM*
-  **VARIEGATED CENTURY PLANTS**  
*AGAVE AMERICANA 'MARGINATA'*
-  **EUCALYPT**  
*EUCALYPTUS*
-  **OLEANDER**  
*NERIUM OLEANDER*
-  **PALO VERDE**  
*PARKINSONIA ACULEATA*

- NOTES:**
1. LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
  2. THIS PLAN IS FOR REFERENCE ONLY TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
  3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.

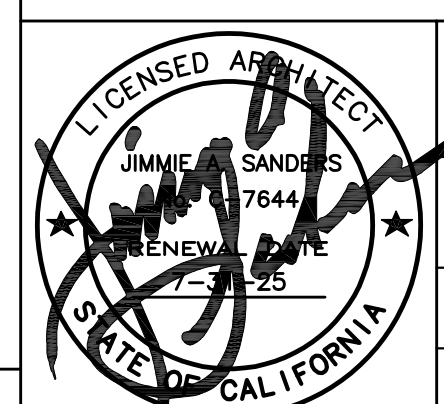


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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

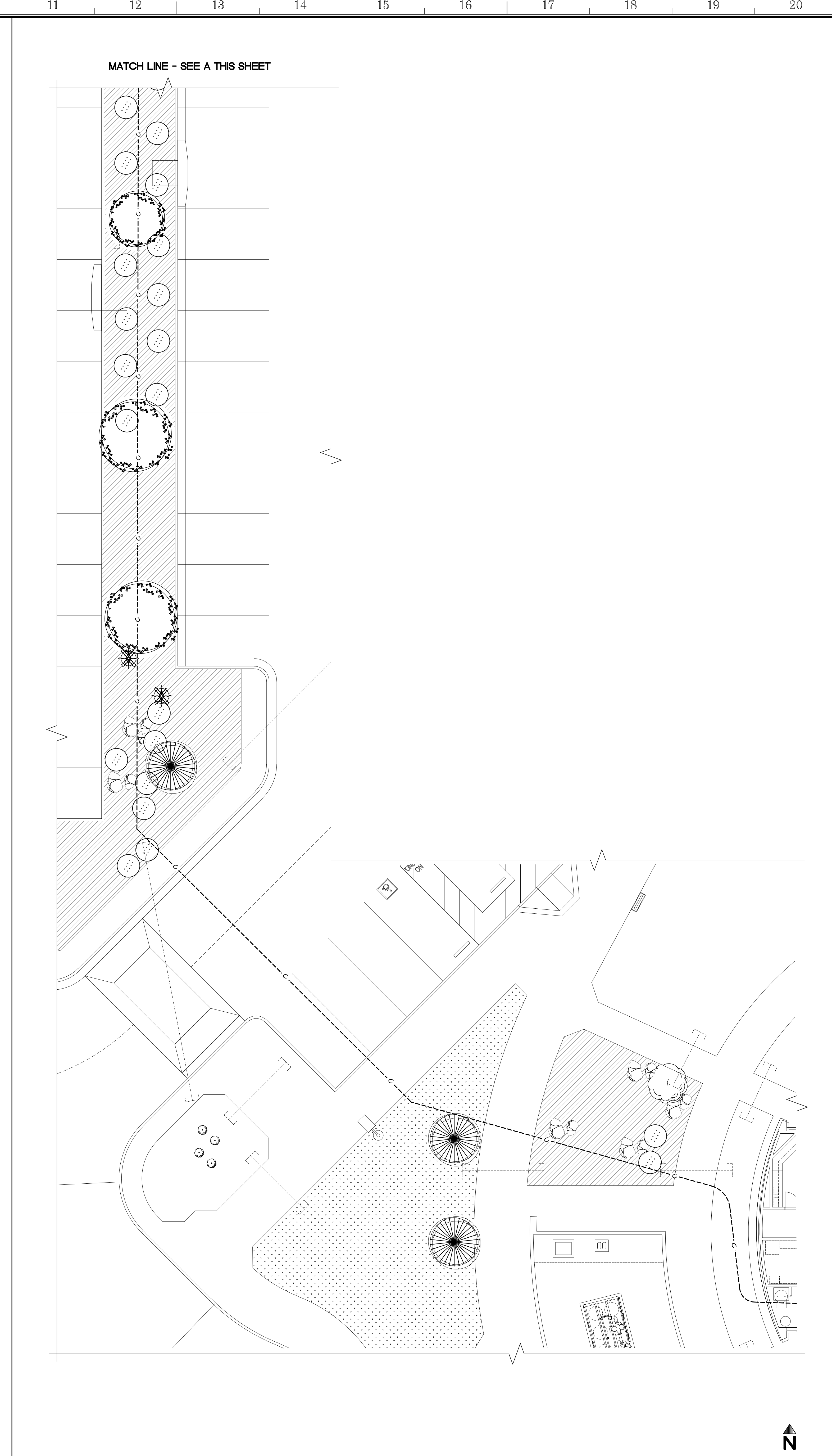
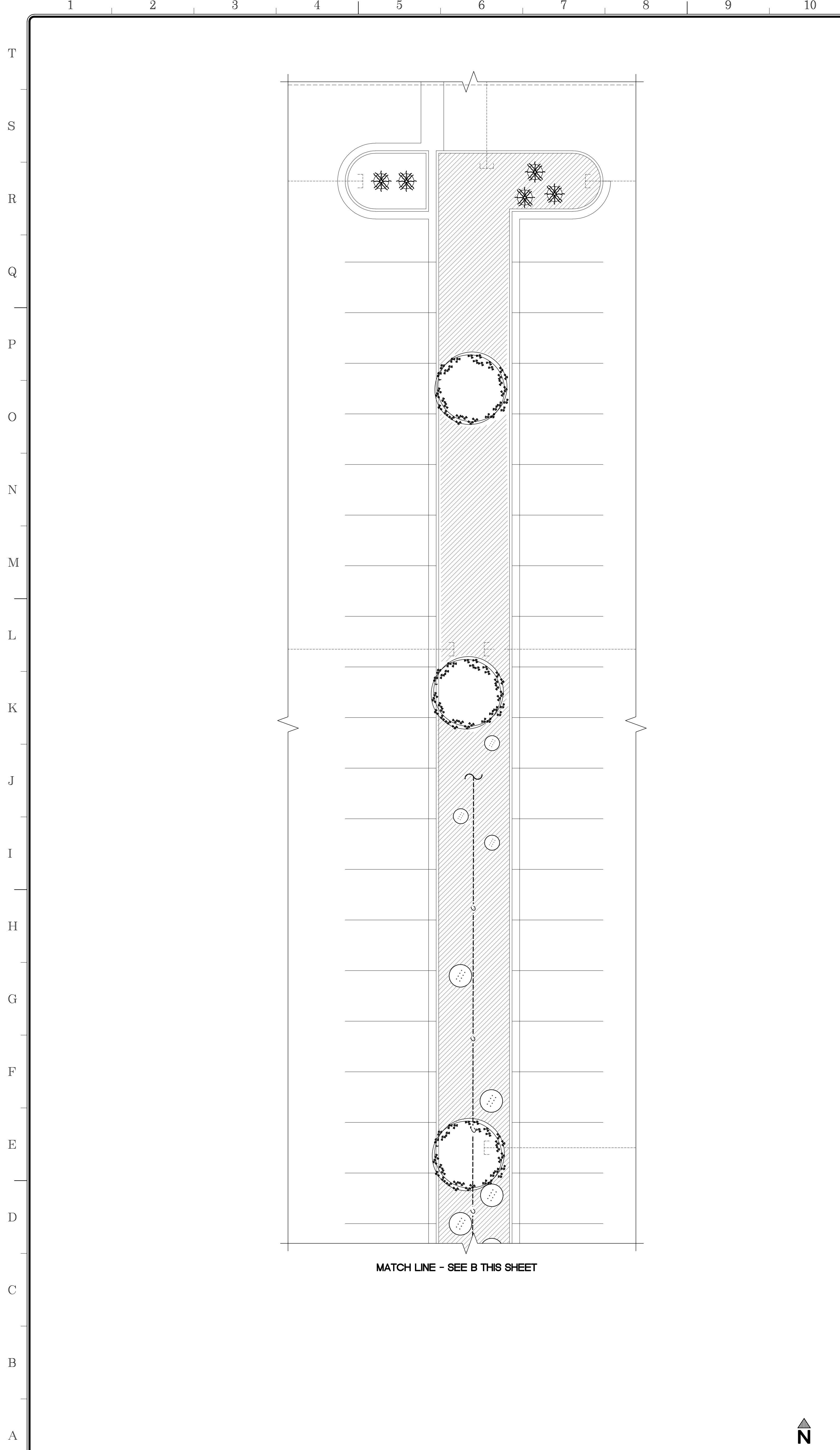
Sheet Title  
**PLANTING PLAN - Q1**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>L1.1.1</b>

PLANTING PLAN - ENLARGED

SCALE: 1" = 12'-0" A



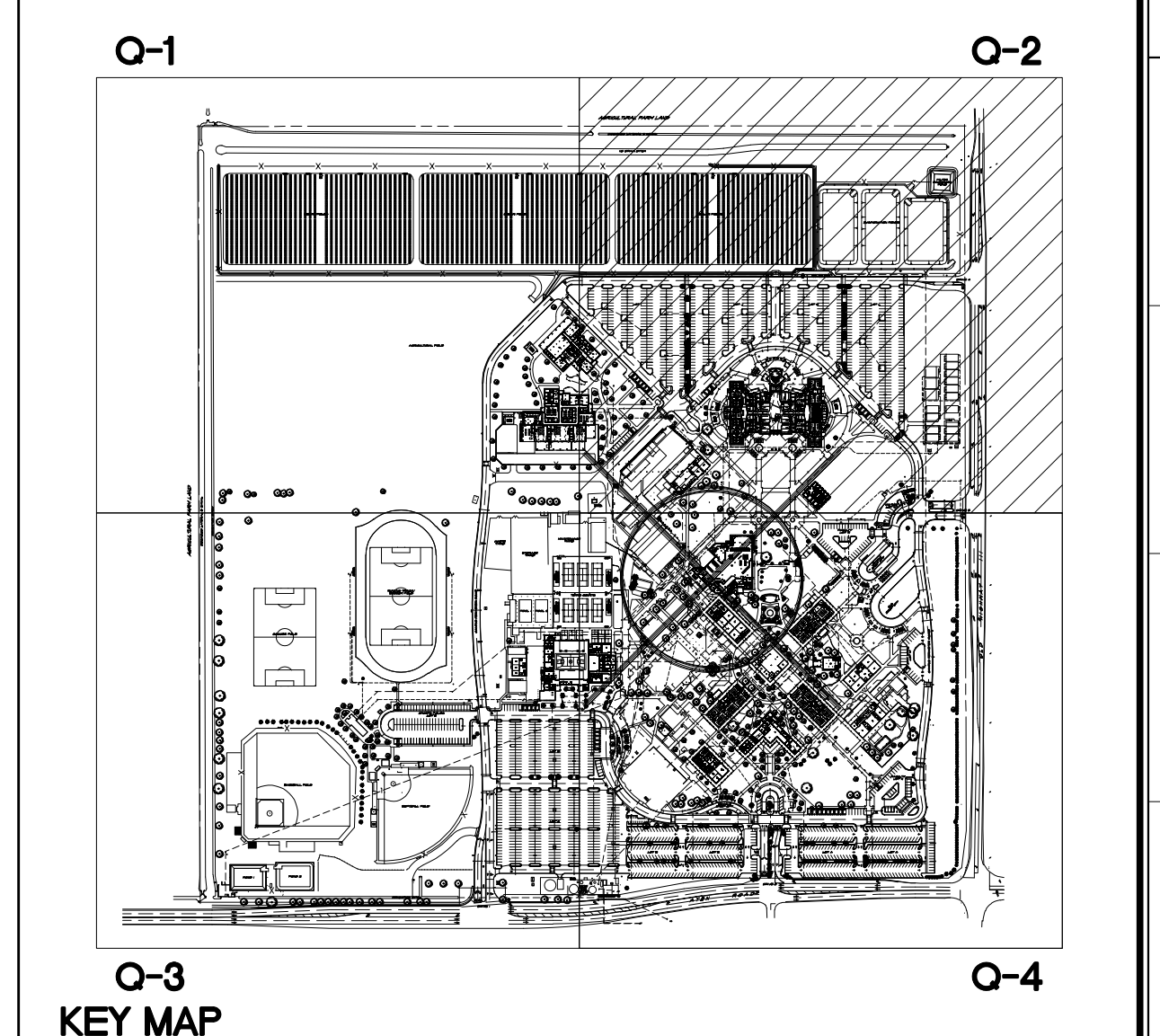


**APPROVALS**

**LEGEND:**

- EXISTING NATURAL DIRT
- EXISTING LANDSCAPE - GRASS
- EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
- NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
- BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
- BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
- WILLOW ACACIA**  
ACACIA SALICINA
- DEER GRASS**  
MULLENBERGIA RIGENS
- GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
- RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
- CHINESE ELM TREE**  
ULMUS PARVIFOLIA
- TOOTHLESS SOTOL**  
DASYLIRION QUADRANGULATUM
- VARIEGATED CENTURY PLANTS**  
AGAVE AMERICANA VARIEGATA
- EUCALYPT**  
EUCALYPTUS
- OLEANDER**  
NERIUM OLEANDER

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

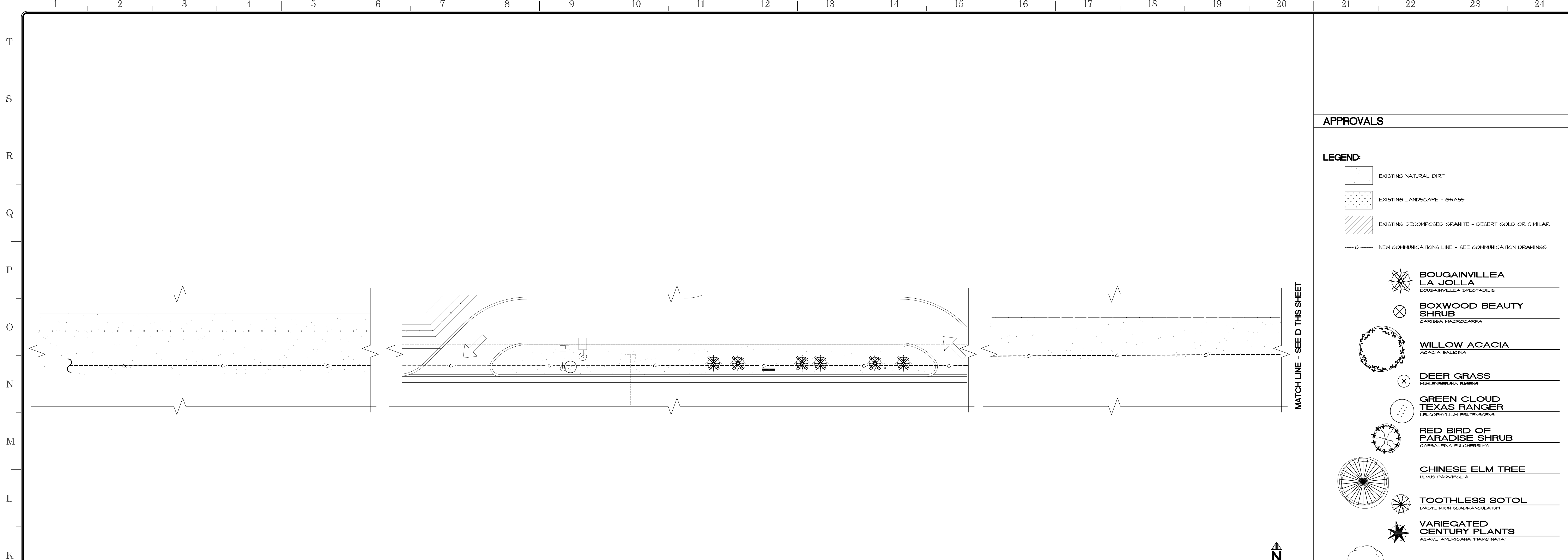
Sheet Title  
**PLANTING PLAN - Q2**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>L1.2.1</b>

PLANTING PLAN - ENLARGED

PLANTING PLAN - ENLARGED





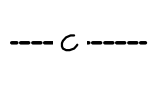
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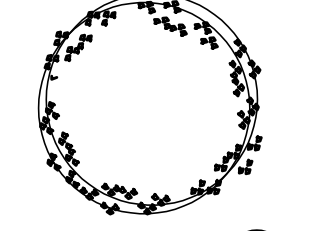

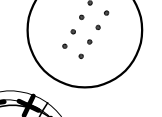

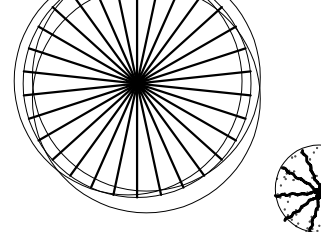


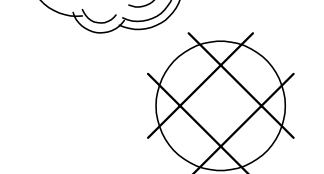

SCALE: 1" = 10'-0"

MATCH LINE - SEE D THIS SHEET

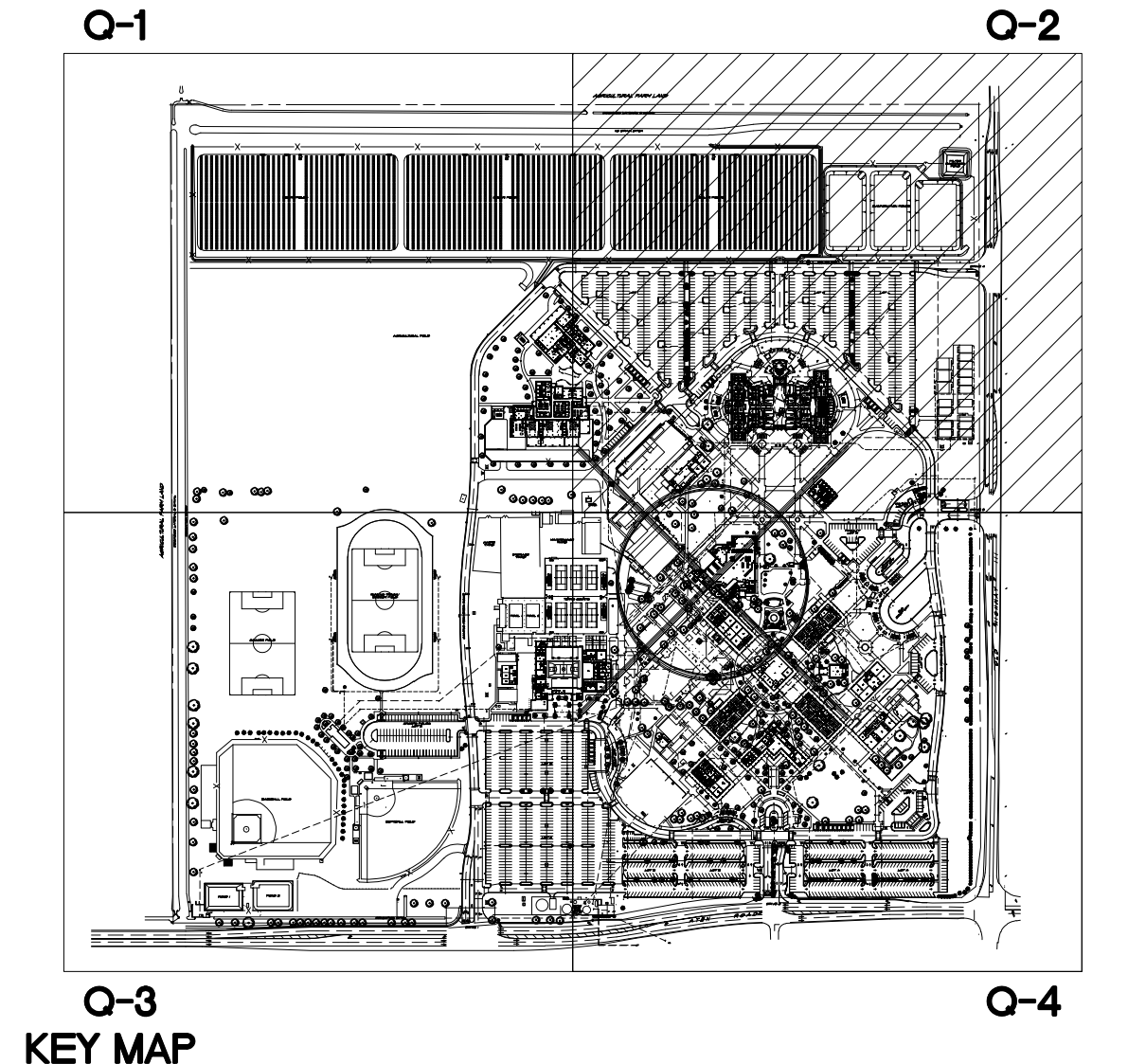
APPROVALS

LEGEND:

-  EXISTING NATURAL DIRT
-  EXISTING LANDSCAPE - GRASS
-  EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
-  NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS

-  **BOUGAINVILLEA LA JOLLA**  
*BOUGAINVILLEA SPECTABILIS*
-  **BOXWOOD BEAUTY SHRUB**  
*CARISSA MACROCARPA*
-  **WILLOW ACACIA**  
*ACACIA SALICINA*
-  **DEER GRASS**  
*HELENERGIA RIGENS*
-  **GREEN CLOUD TEXAS RANGER**  
*LEUCOPHYLLUM FRUTESCENS*
-  **RED BIRD OF PARADISE SHRUB**  
*CAESALPINA PULCHERRIMA*
-  **CHINESE ELM TREE**  
*ULMUS PARVIFOLIA*
-  **TOOTHLESS SOTOL**  
*DASYLIRION QUADRANGULATUM*
-  **VARIEGATED CENTURY PLANTS**  
*AGAVE AMERICANA VARIEGATA*
-  **EUCALYPT**  
*EUCALYPTUS*
-  **OLEANDER**  
*NERIUM OLEANDER*

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  3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.



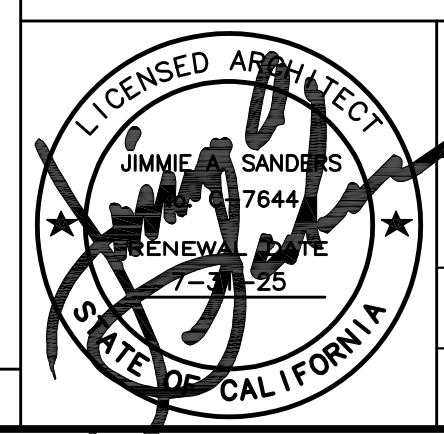
KEY MAP

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

Sheet Title  
**PLANTING PLAN - Q2**

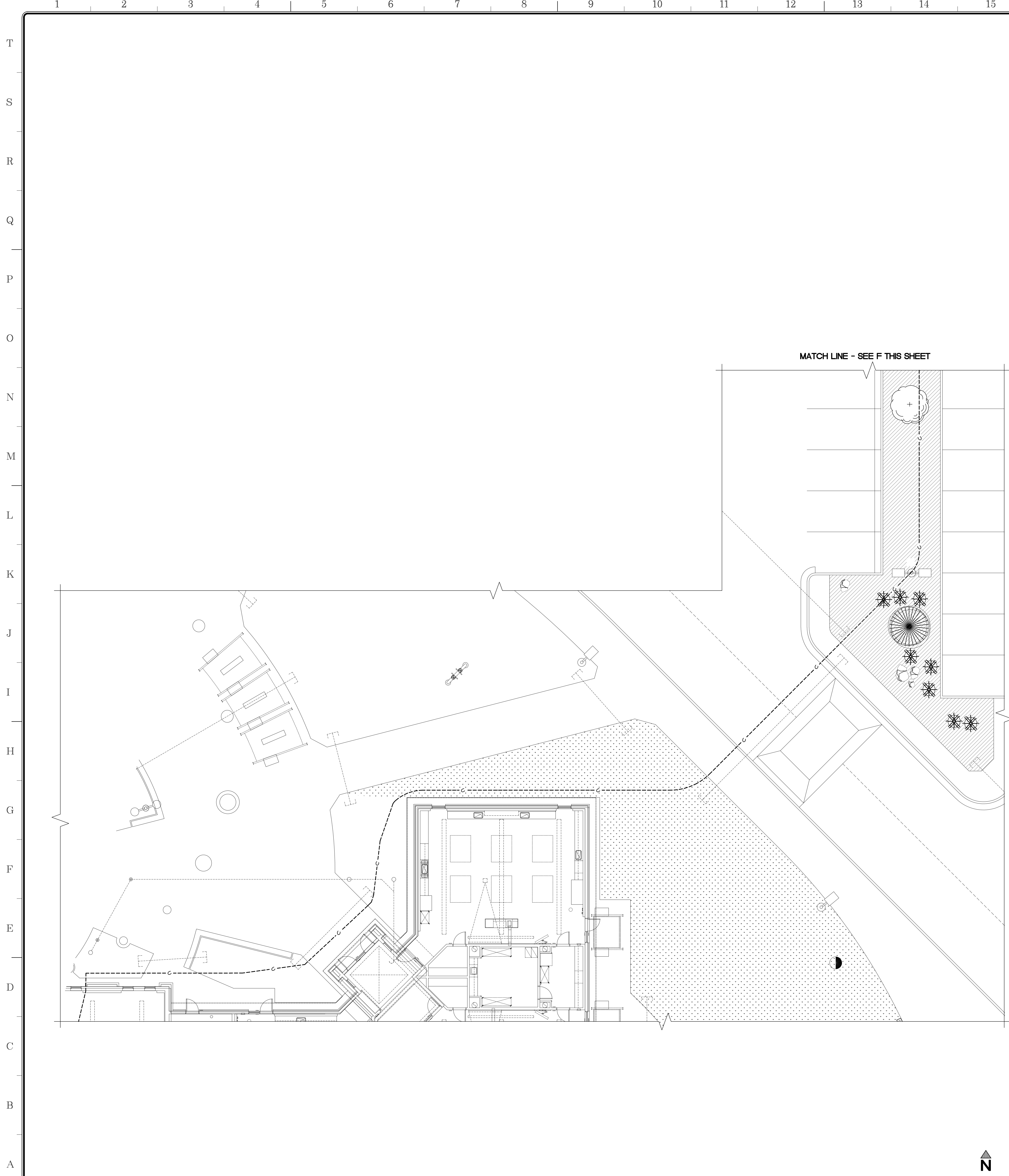
	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>L1.2.2</b>

PLANTING PLAN - ENLARGED

SCALE: 1" = 10'-0"

MATCH LINE - SEE C THIS SHEET



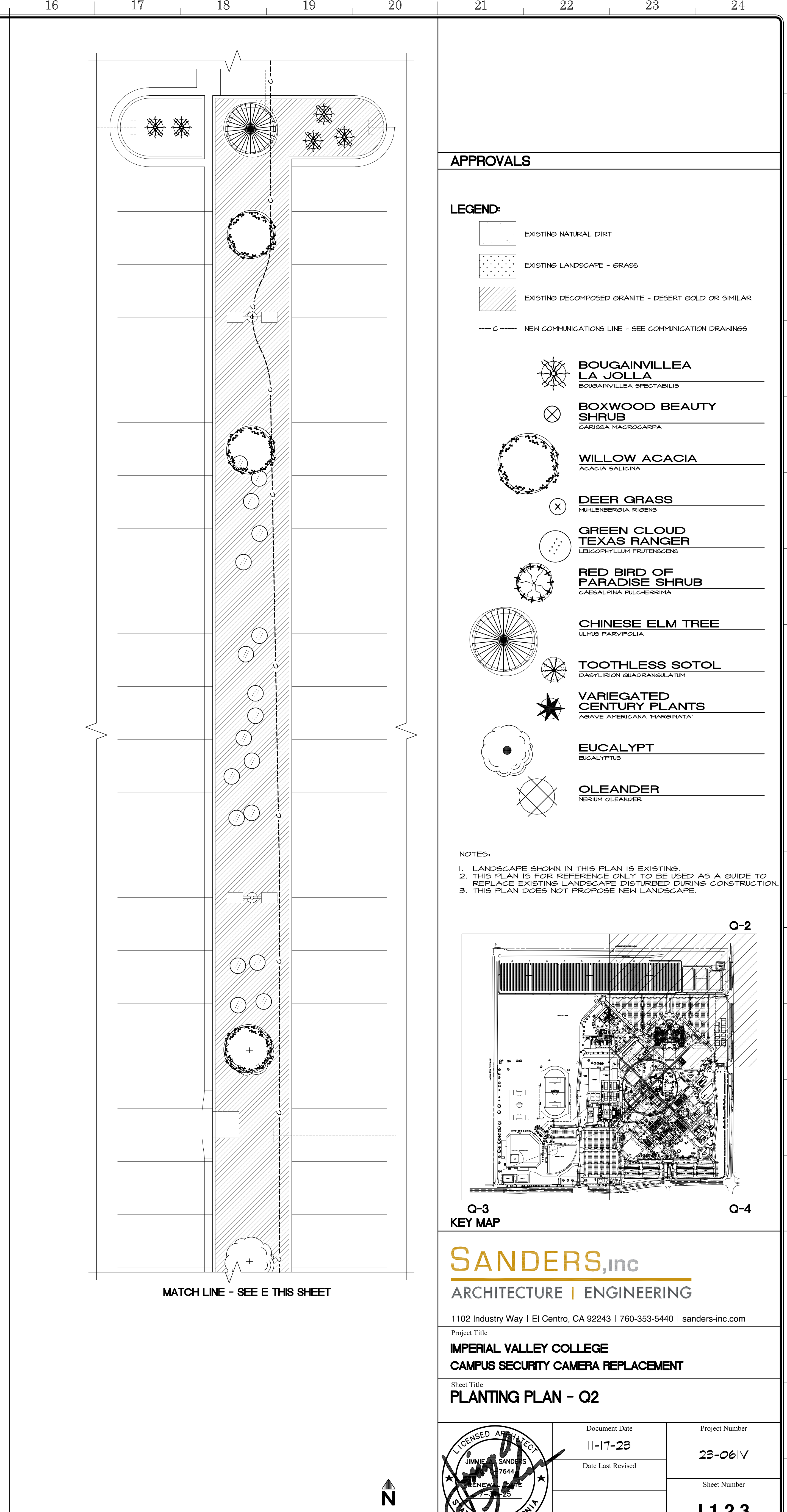


MATCH LINE - SEE F THIS SHEET

MATCH LINE - SEE E THIS SHEET



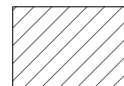
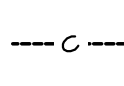
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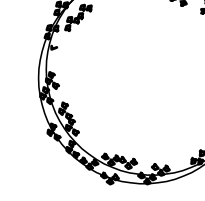
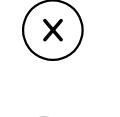


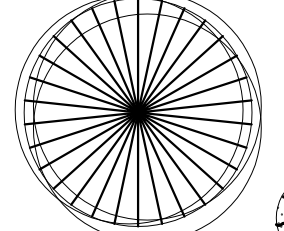


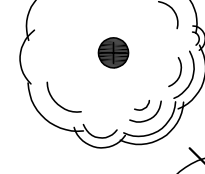
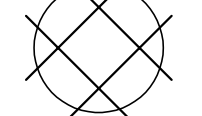
SCALE 1" = 16'-0"



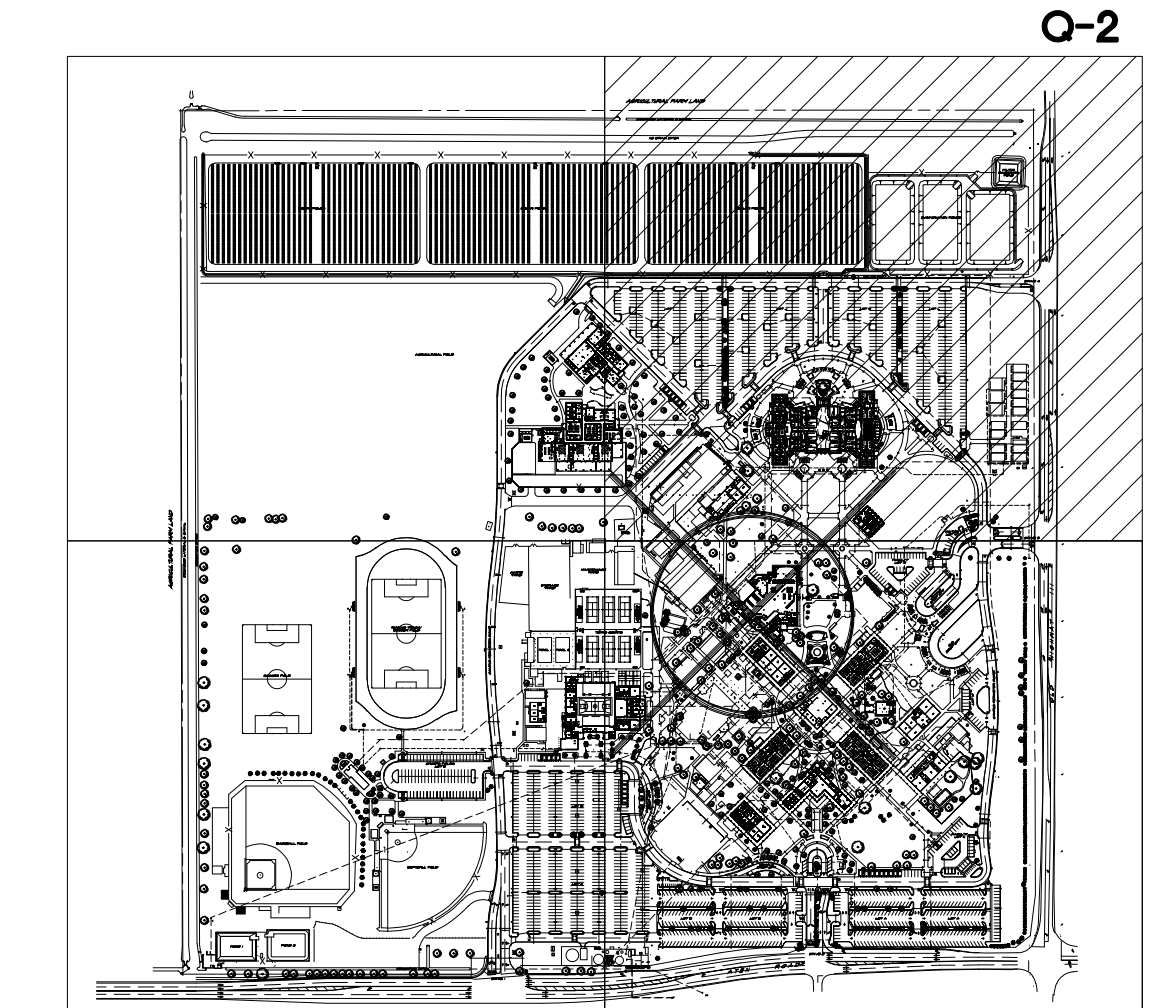
**APPROVALS**

**LEGEND:**

-  EXISTING NATURAL DIRT
-  EXISTING LANDSCAPE - GRASS
-  EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
-  NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS

-  **BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
-  **BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
-  **WILLOW ACACIA**  
ACACIA SALICINA
-  **DEER GRASS**  
MULLENBERGIA RIGENS
-  **GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
-  **RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
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-  **TOOTHLESS SOTOL**  
DASYLIRION QUADRANGULATUM
-  **VARIEGATED CENTURY PLANTS**  
AGAVE AMERICANA VARIEGATA
-  **EUCALYPT**  
EUCALYPTUS
-  **OLEANDER**  
NERIUM OLEANDER

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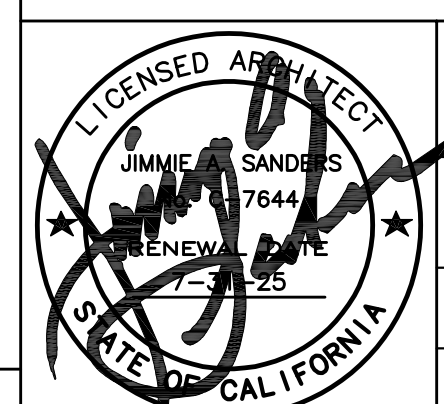
**O-3**  
KEY MAP

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

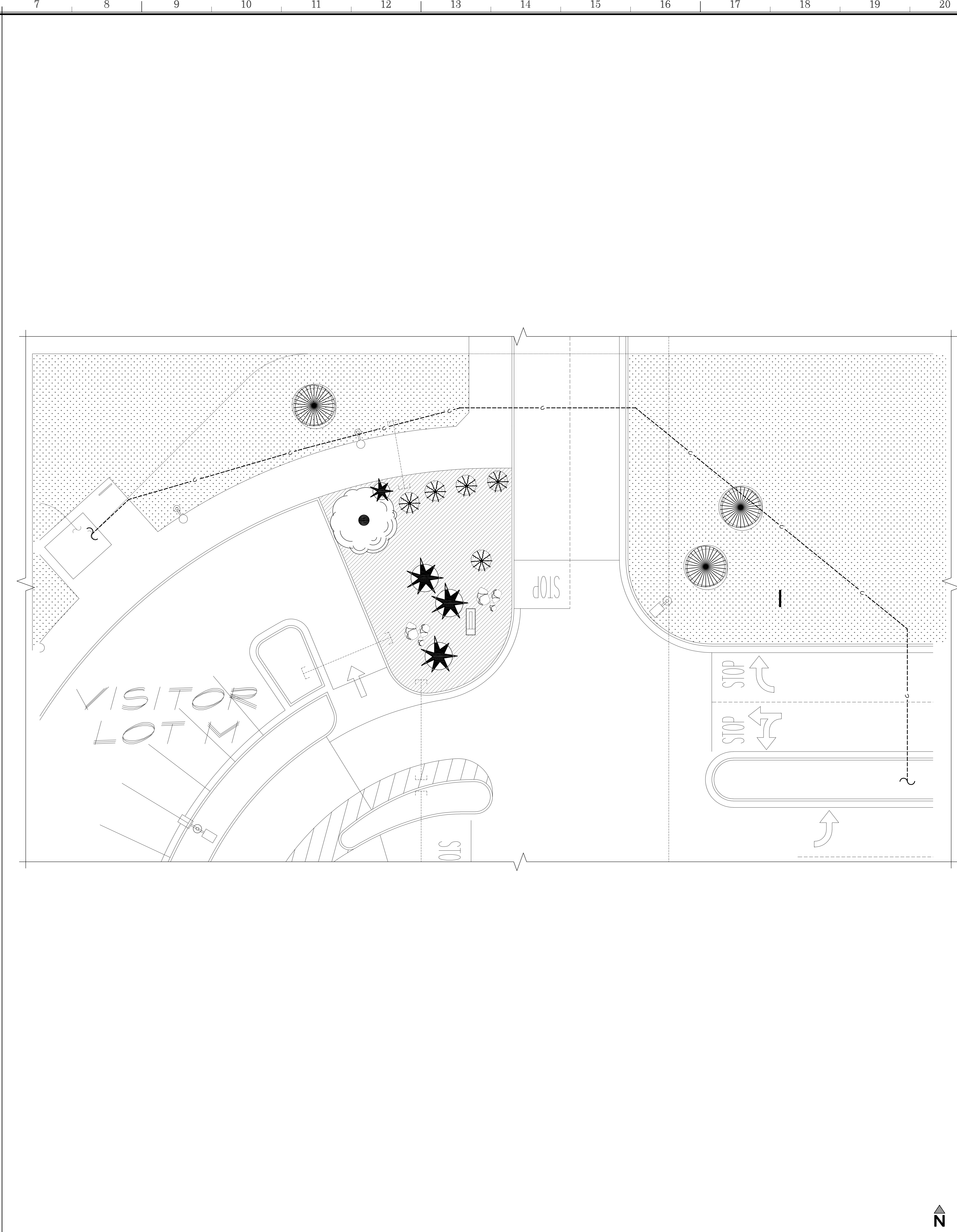
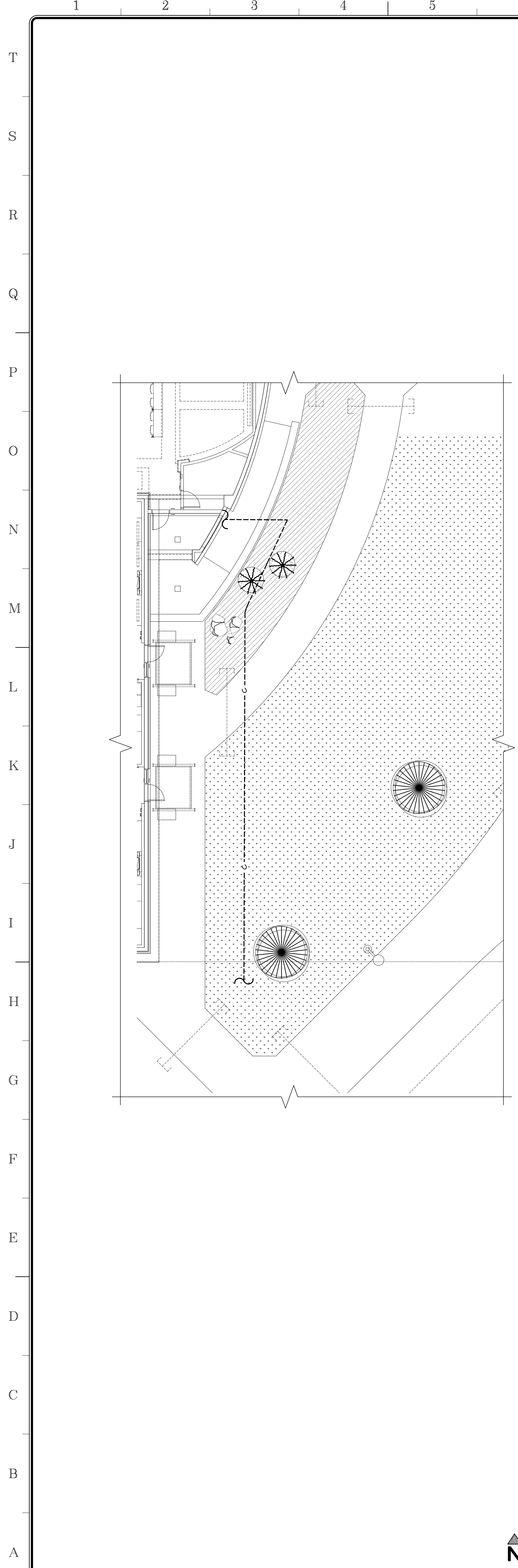
Sheet Title  
**PLANTING PLAN - O2**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>L1.2.3</b>

**PLANTING PLAN - ENLARGED**



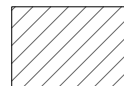
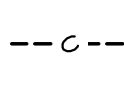
**PLANTING PLAN - ENLARGED**

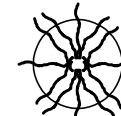
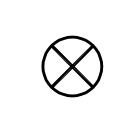




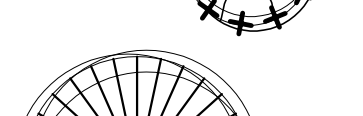








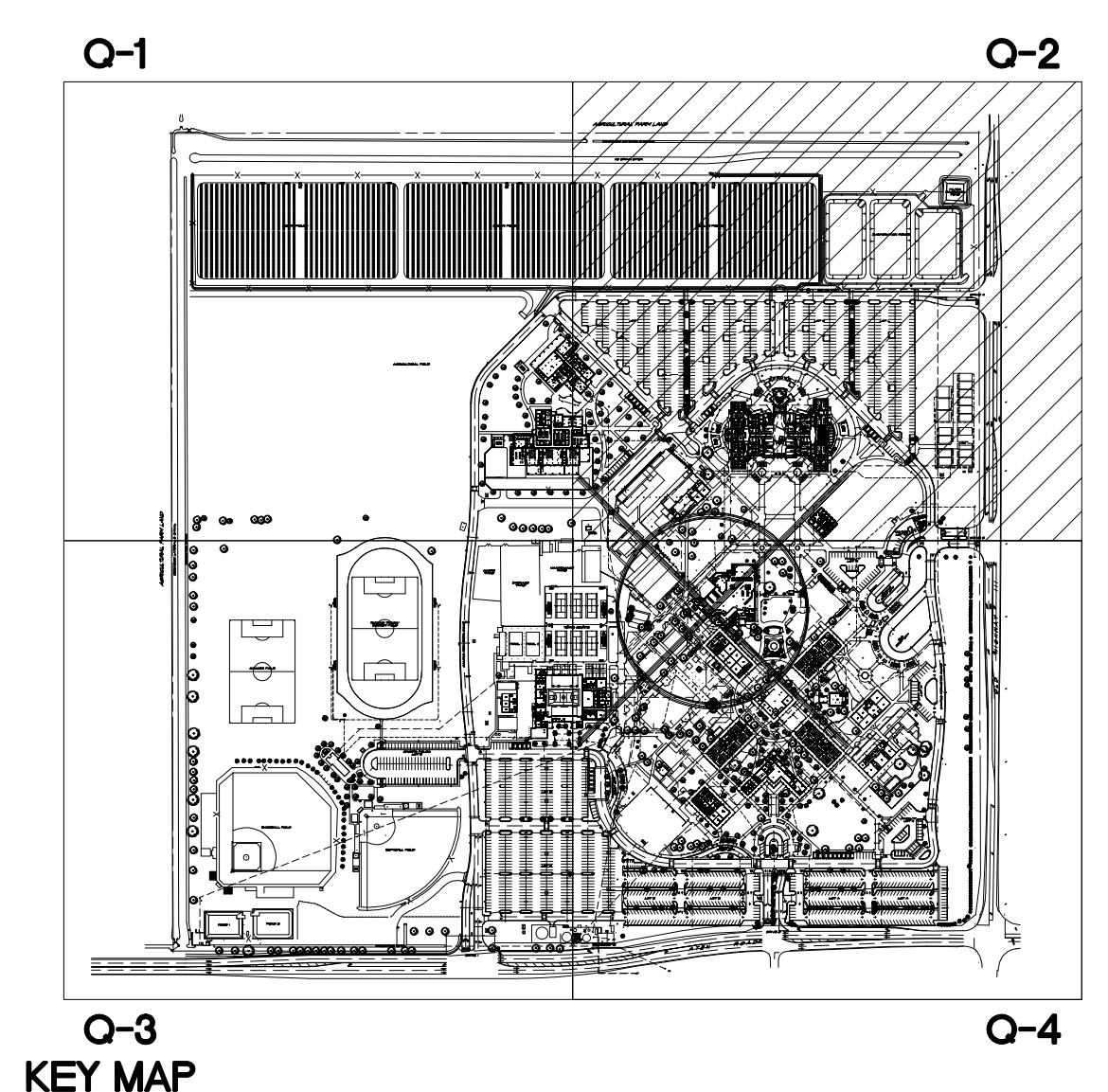
**APPROVALS**

**LEGEND:**

-  EXISTING NATURAL DIRT
-  EXISTING LANDSCAPE - GRASS
-  EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
-  NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS

-  **BOUGAINVILLEA LA JOLLA**  
*BOUGAINVILLEA SPECTABILIS*
-  **BOXWOOD BEAUTY SHRUB**  
*CARLISIA MACROCARPA*
-  **WILLOW ACACIA**  
*ACACIA SALICINA*
-  **DEER GRASS**  
*HYLEBERGIA RIGENS*
-  **GREEN CLOUD TEXAS RANGER**  
*LEUCOPHYLLUM FRUTESCENS*
-  **RED BIRD OF PARADISE SHRUB**  
*CAESALPINA PULCHERRIMA*
-  **CHINESE ELM TREE**  
*ULMUS PARVIFOLIA*
-  **TOOTHLESS SOTOL**  
*DASYLIRION QUADRANGULATUM*
-  **VARIEGATED CENTURY SHRUB**  
*ABAVIA AMERICANA VARIEGATA*
-  **EUCALYPT**  
*EUCALYPTUS*
-  **OLEANDER**  
*NERIUM OLEANDER*

- NOTES:**
1. LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
  2. THIS PLAN IS FOR REFERENCE ONLY TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
  3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.

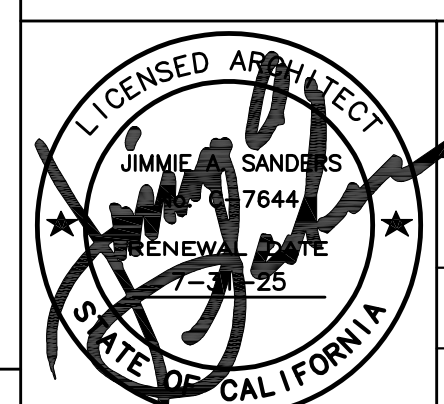


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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**PLANTING PLAN - O2**

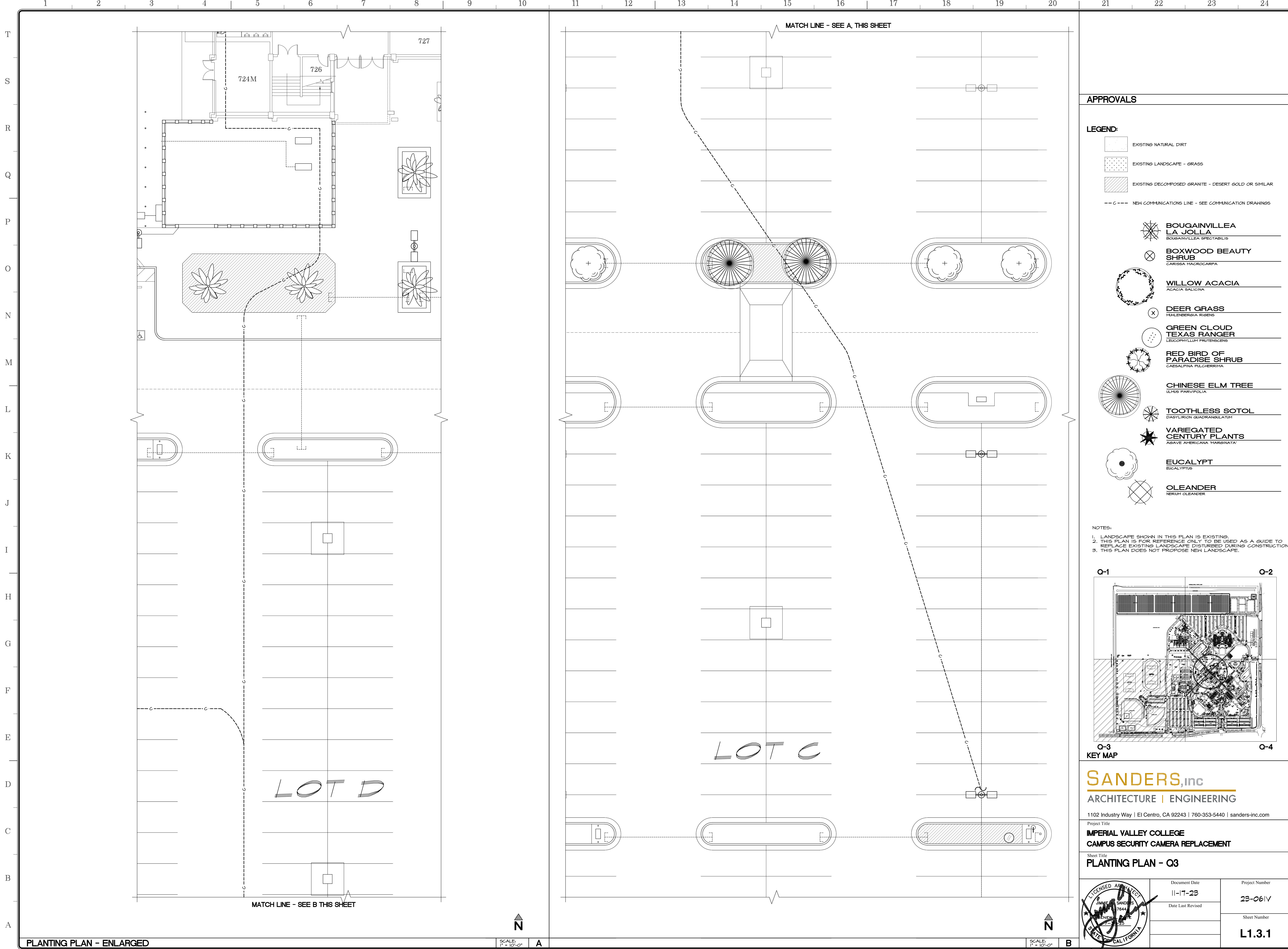
	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>L1.2.4</b>

PLANTING PLAN - ENLARGED

PLANTING PLAN - ENLARGED

SCALE: 1" = 12'-0"





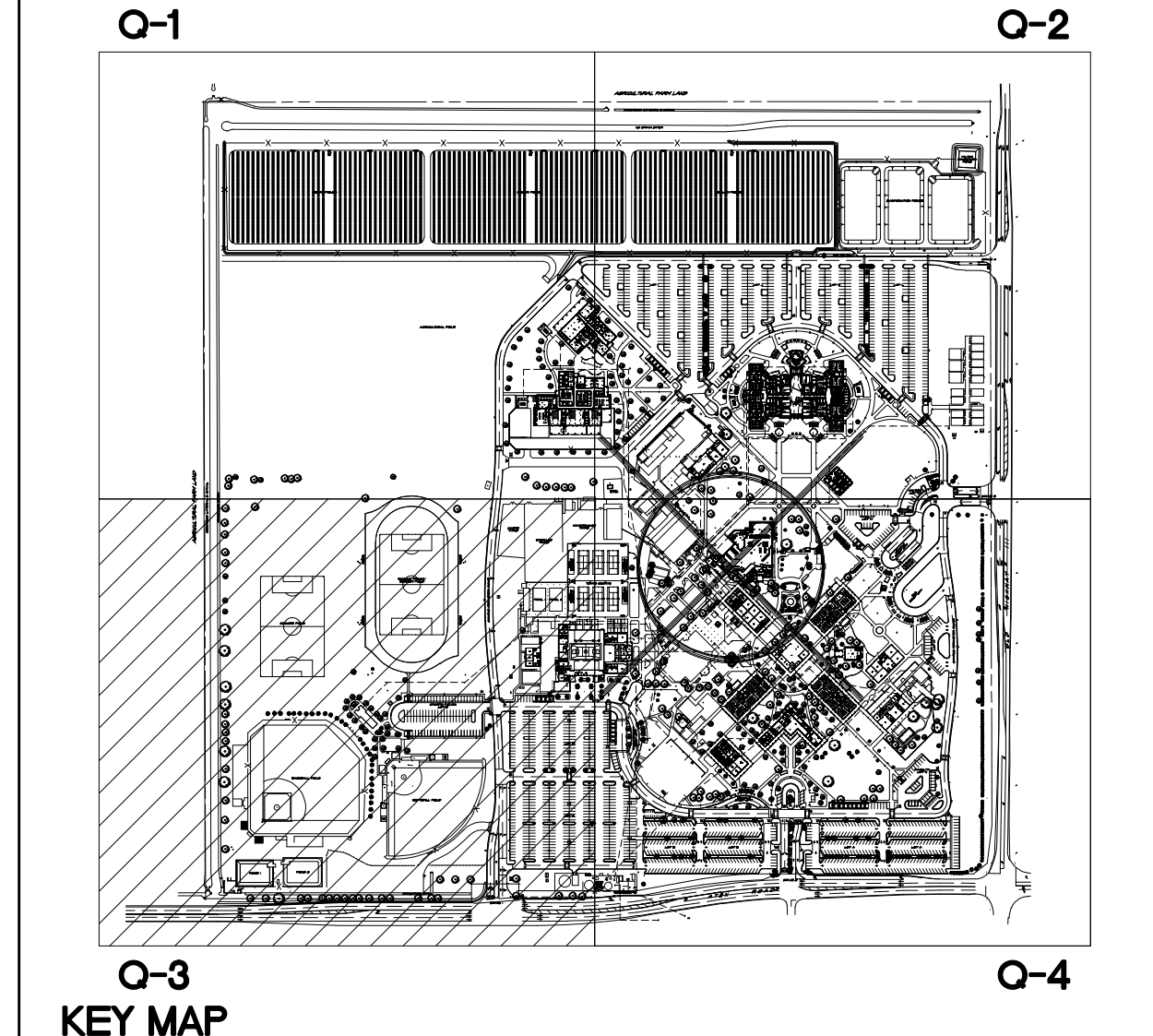
**APPROVALS**

**LEGEND:**

- EXISTING NATURAL DIRT
- EXISTING LANDSCAPE - GRASS
- EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
- NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
- BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
- BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
- WILLOW ACACIA**  
ACACIA SALICINA
- DEER GRASS**  
MULLENBERGIA RIGENS
- GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
- RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
- CHINESE ELM TREE**  
ULMUS PARVIFOLIA
- TOOTHLESS SOTOL**  
DASYLIRIUM QUADRANGULATUM
- VARIEGATED CENTURY PLANTS**  
ABOVE AMERICANA VARIEGATA
- EUCALYPT**  
EUCALYPTUS
- OLEANDER**  
NERIUM OLEANDER

**NOTES:**

1. LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
2. THIS PLAN IS FOR REFERENCE ONLY TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
3. THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.



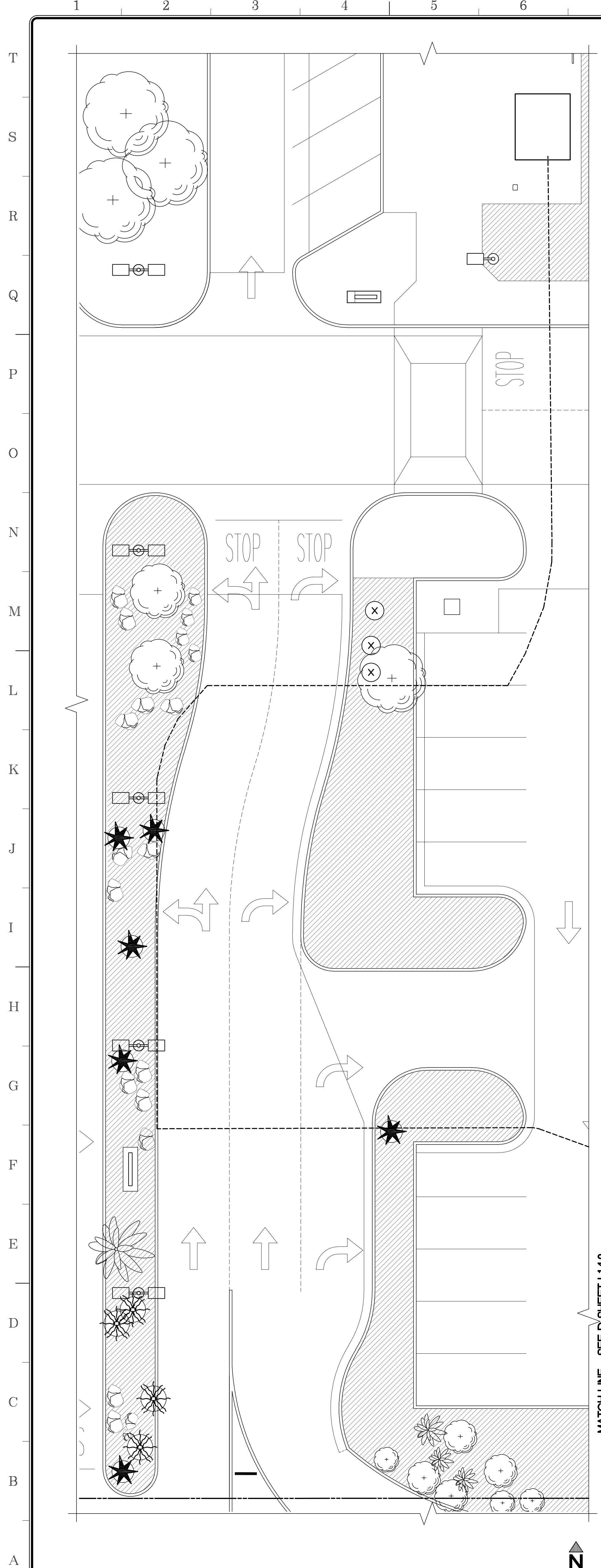
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

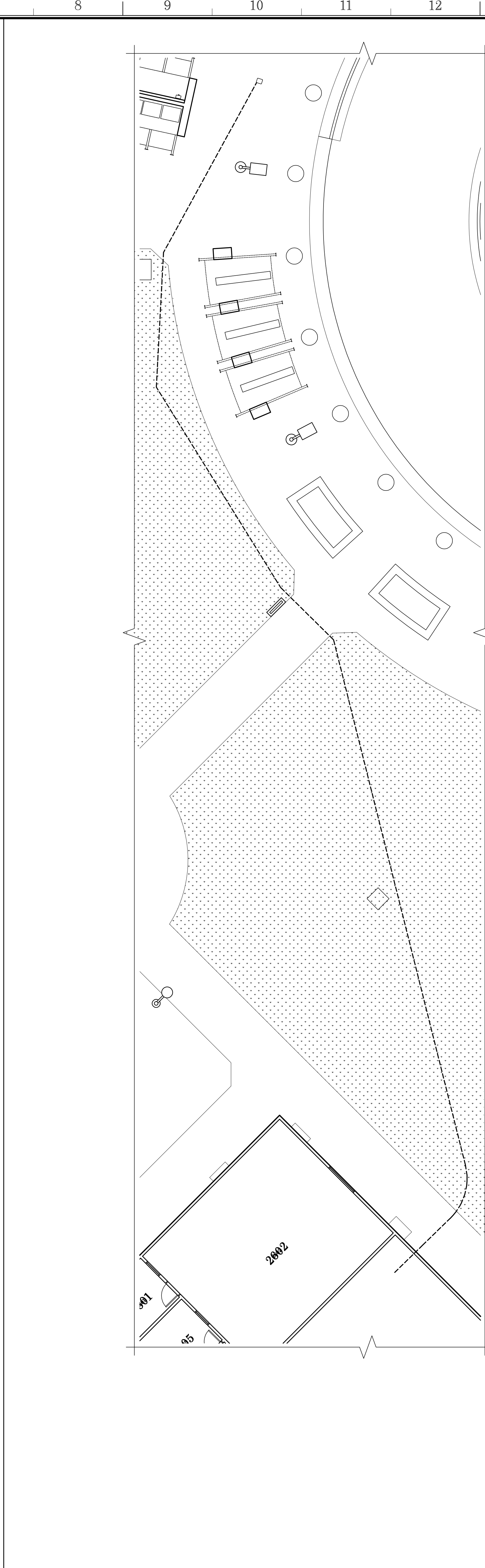
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	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number L1.3.1

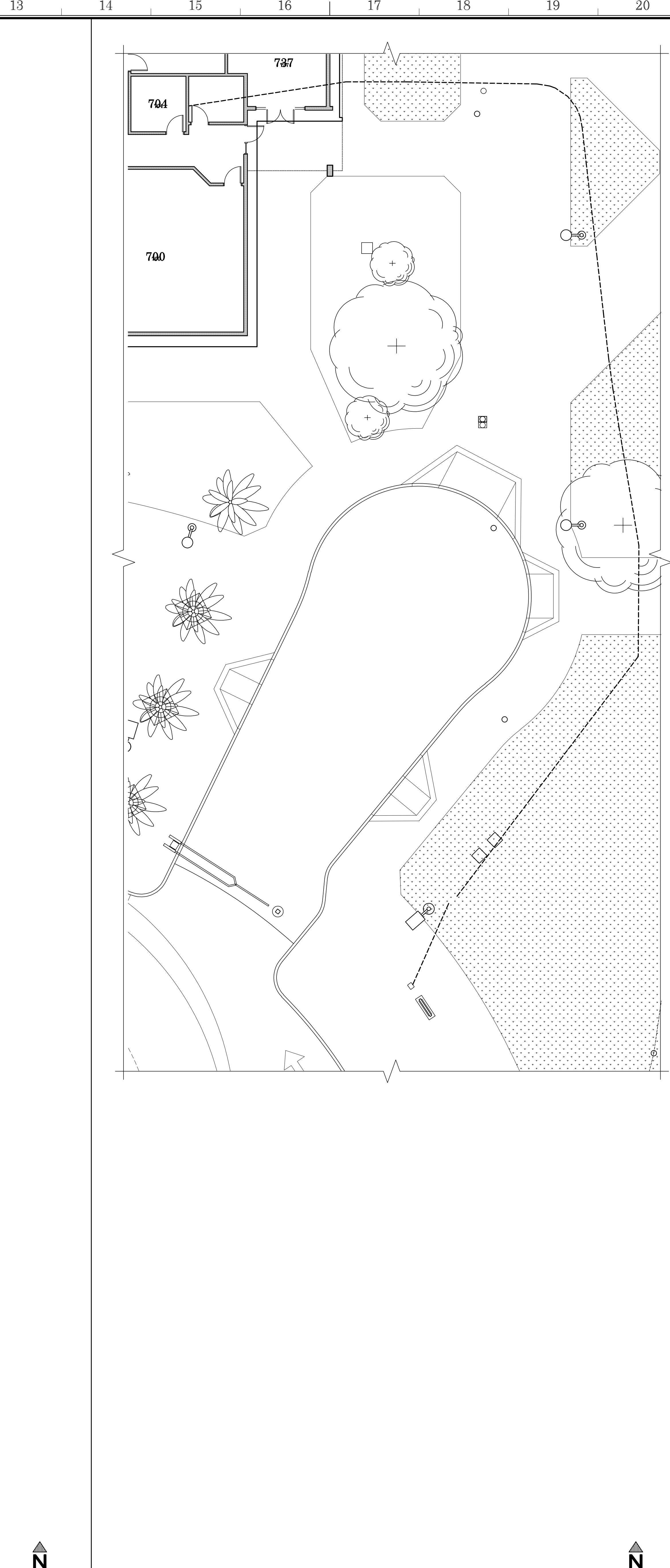




PLANTING PLAN - ENLARGED SCALE 1" = 16'-0" A

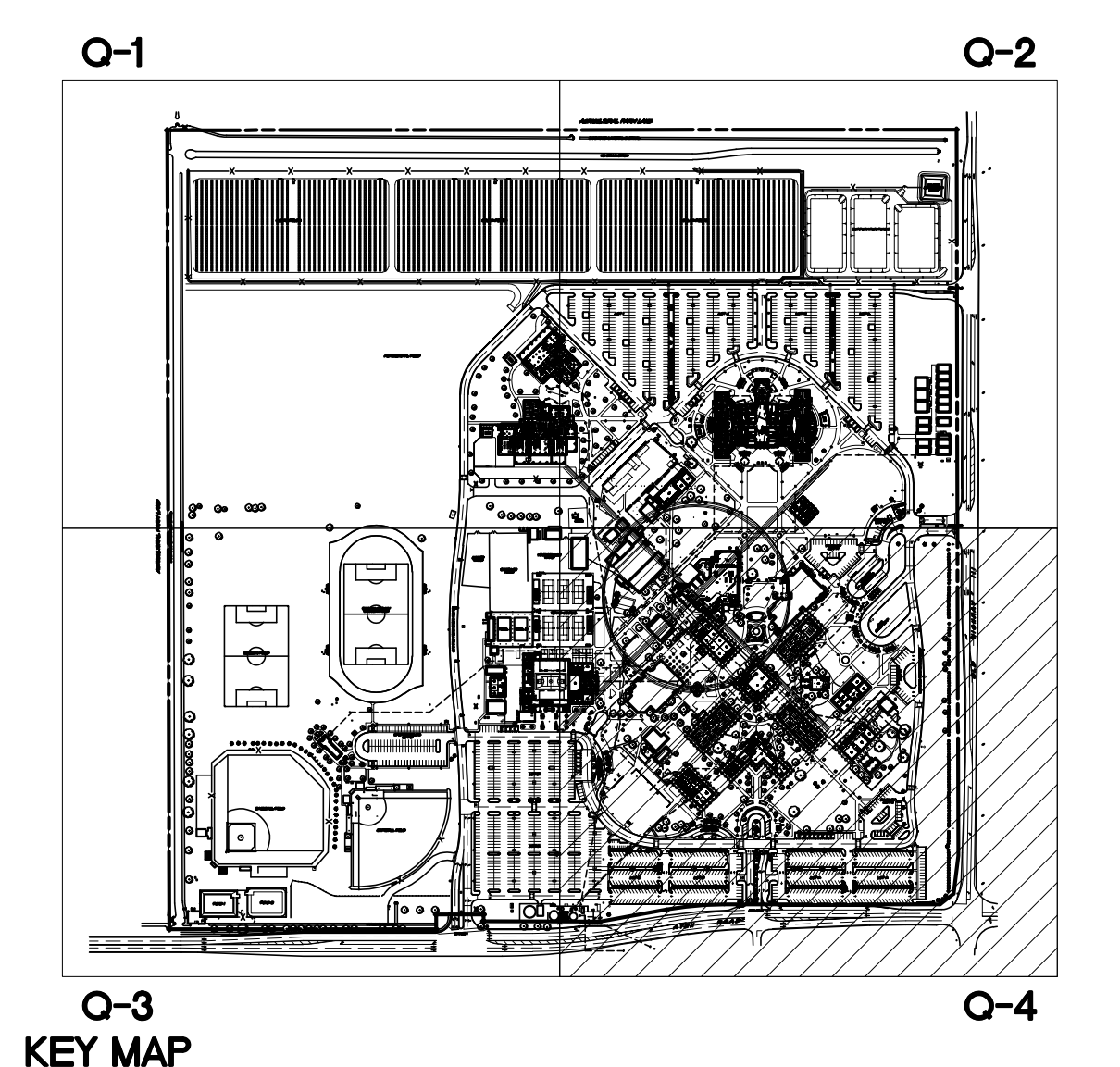


PLANTING PLAN - ENLARGED SCALE 1" = 16'-0" B



PLANTING PLAN - ENLARGED SCALE 1" = 16'-0" C

- APPROVALS**
- LEGEND:**
- EXISTING NATURAL DIRT
  - EXISTING LANDSCAPE - GRASS
  - EXISTING DECOMPOSED GRANITE - DESERT GOLD OR SIMILAR
  - NEW COMMUNICATIONS LINE - SEE COMMUNICATION DRAWINGS
  - BOUGAINVILLEA LA JOLLA  
BOUGAINVILLEA SPECTABILIS
  - BOXWOOD BEAUTY SHRUB  
CARISSA MACROCARPA
  - WILLOW ACACIA  
ACACIA SALICINA
  - DEER GRASS  
MULLENBERGIA RIGENS
  - GREEN CLOUD TEXAS RANGER  
LEUCOPHYLLUM FRUTESCENS
  - RED BIRD OF PARADISE SHRUB  
CAESALPINA PULCHERRIMA
  - CHINESE ELM TREE  
ULMUS PARVIFOLIA
  - TOOTHLESS SOTOL  
DASYLIRION QUADRANGULATUM
  - VARIEGATED CENTURY PLANTS  
AGAVE AMERICANA MARGINATA
  - EUCALYPT  
EUCALYPTUS
  - OLEANDER  
NERIUM OLEANDER
- NOTES:**
- LANDSCAPE SHOWN IN THIS PLAN IS EXISTING.
  - THIS PLAN IS FOR REFERENCE ONLY TO BE USED AS A GUIDE TO REPLACE EXISTING LANDSCAPE DISTURBED DURING CONSTRUCTION.
  - THIS PLAN DOES NOT PROPOSE NEW LANDSCAPE.



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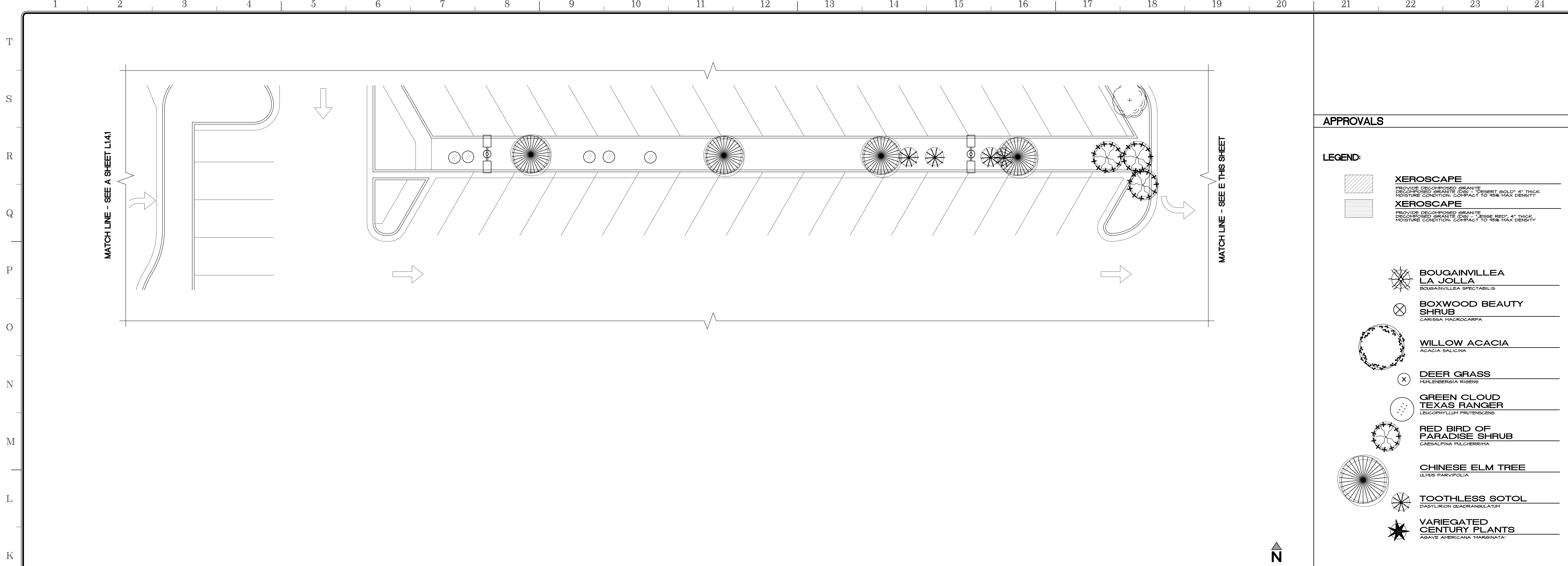
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Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**PLANTING PLAN - O4**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number L1.4.1

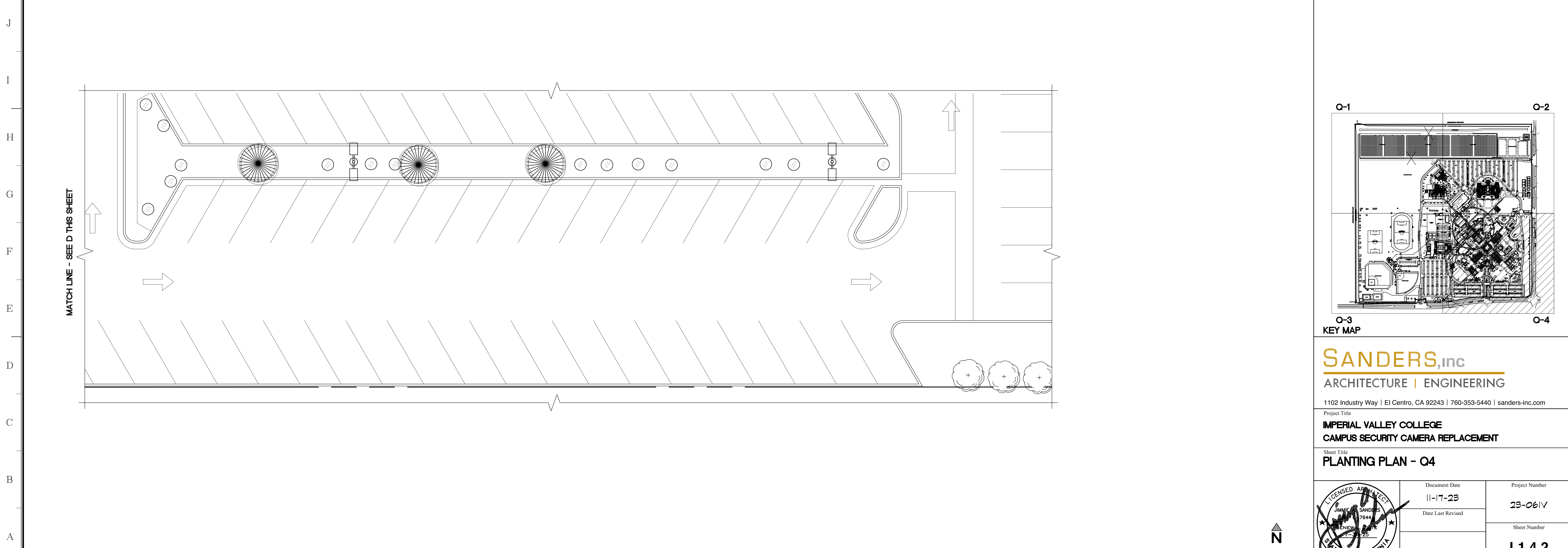




PLANTING PLAN - ENLARGED

SCALE: 1" = 10'-0"

D



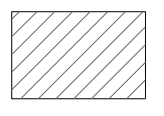
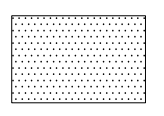


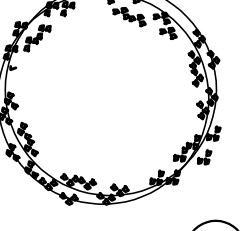
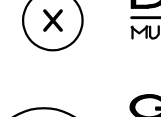
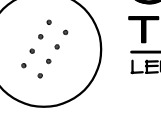
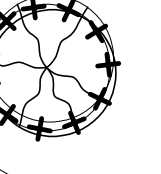
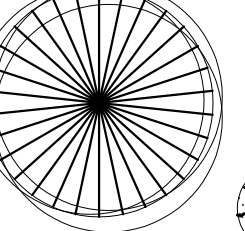
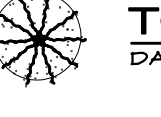

PLANTING PLAN - ENLARGED

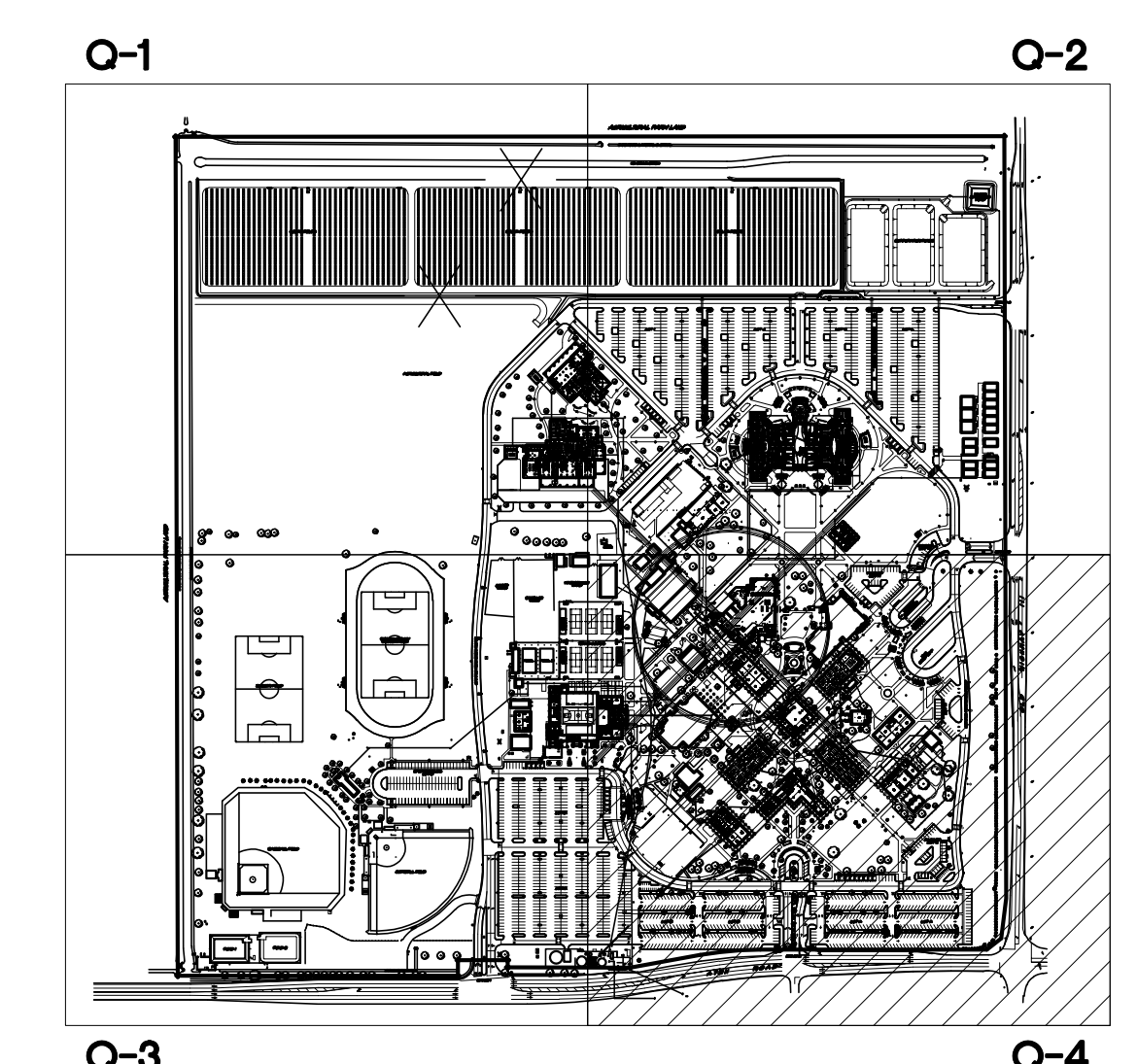
SCALE: 1" = 10'-0"

E

APPROVALS

LEGEND:

- 
**XEROSCAPE**  
PROVIDE DECOMPOSED GRANITE  
 DECOMPOSED GRANITE (DGS) - TREMERT GOLD® 4" THICK  
 MOISTURE CONDITION CONTRACT TO 15% MAX DENSITY
- 
**XEROSCAPE**  
PROVIDE DECOMPOSED GRANITE  
 DECOMPOSED GRANITE (DGS) - LEGGE RED® 4" THICK  
 MOISTURE CONDITION CONTRACT TO 15% MAX DENSITY
- 
**BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
- 
**BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
- 
**WILLOW ACACIA**  
ACACIA SALICINA
- 
**DEER GRASS**  
MULLENBERGIA RIGENS
- 
**GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
- 
**RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
- 
**CHINESE ELM TREE**  
ULMUS PARVIFOLIA
- 
**TOOTHLESS SOTOL**  
DASYLIRON QUADRANGULATUM
- 
**VARIEGATED CENTURY PLANTS**  
AGAVE AMERICANA MARGINATA



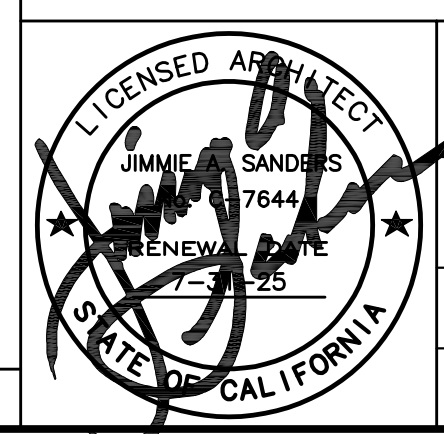
KEY MAP

**SANDERS, inc**  
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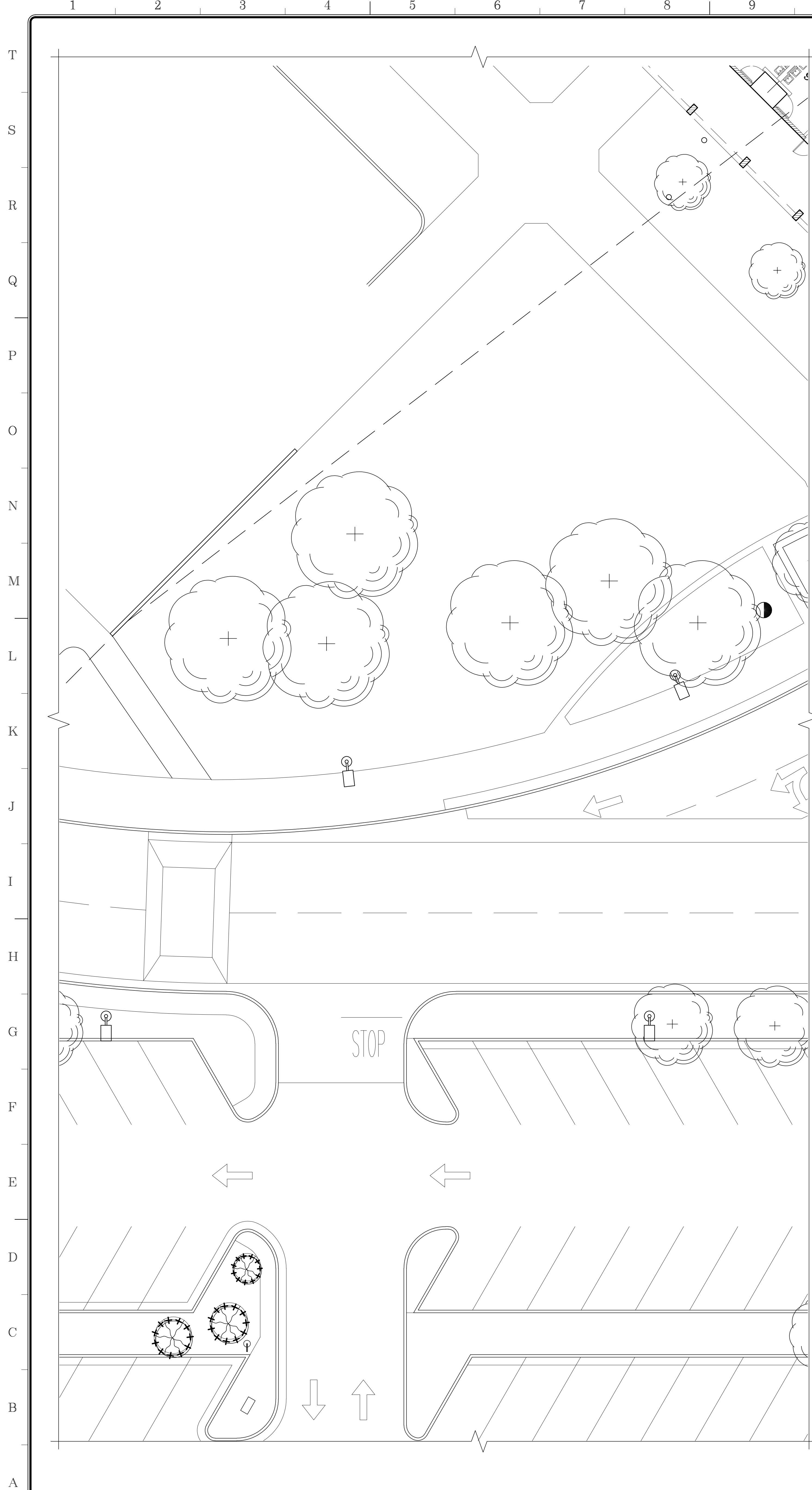
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**PLANTING PLAN - Q4**

	Document Date	Project Number
	Date Last Revised	23-061V
		Sheet Number
		<b>L1.4.2</b>

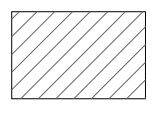
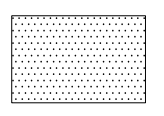


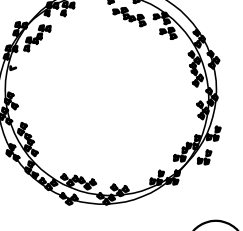
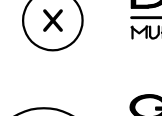
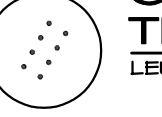

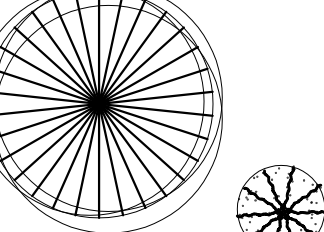
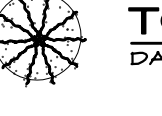



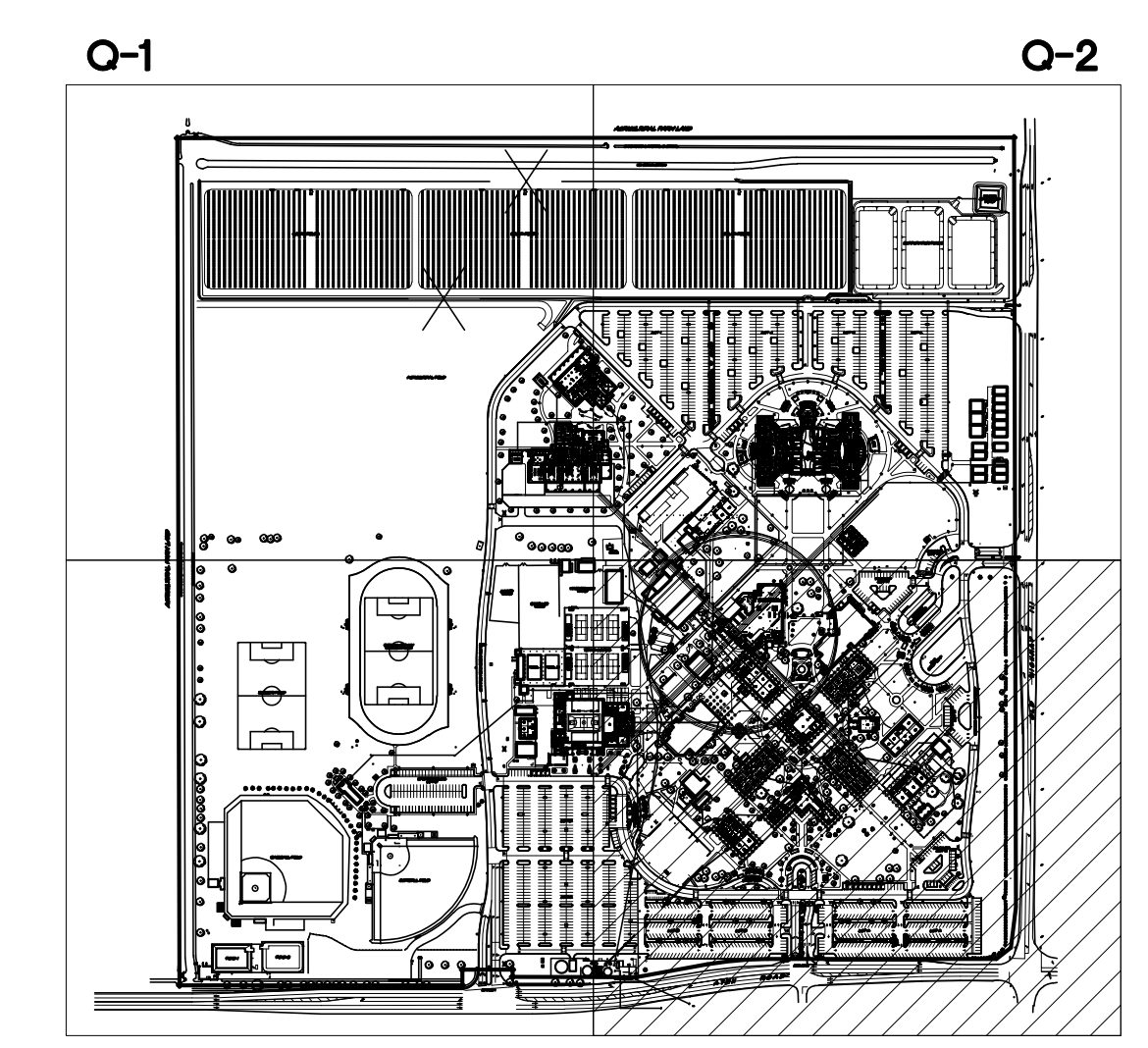


PLANTING PLAN - ENLARGED

APPROVALS

LEGEND:

- 
**XEROSCAPE**  
PROVIDE DECOMPOSED GRANITE  
 DECOMPOSED GRANITE (GSS) - TREBERT GOLD 4" THICK  
 MOISTURE CONDITION CONTRACT TO 10% MAX DENSITY
- 
**XEROSCAPE**  
PROVIDE DECOMPOSED GRANITE  
 DECOMPOSED GRANITE (GSS) - LEGGE RED 4" THICK  
 MOISTURE CONDITION CONTRACT TO 10% MAX DENSITY
- 
**BOUGAINVILLEA LA JOLLA**  
BOUGAINVILLEA SPECTABILIS
- 
**BOXWOOD BEAUTY SHRUB**  
CARISSA MACROCARPA
- 
**WILLOW ACACIA**  
ACACIA SALICINA
- 
**DEER GRASS**  
MULLENBERGIA RIGENS
- 
**GREEN CLOUD TEXAS RANGER**  
LEUCOPHYLLUM FRUTESCENS
- 
**RED BIRD OF PARADISE SHRUB**  
CAESALPINA PULCHERRIMA
- 
**CHINESE ELM TREE**  
ULMUS PARVIFOLIA
- 
**TOOTHLESS SOTOL**  
DASYLIRION QUADRANGULATUM
- 
**VARIEGATED CENTURY PLANTS**  
AGAVE AMERICANA MARGINATA



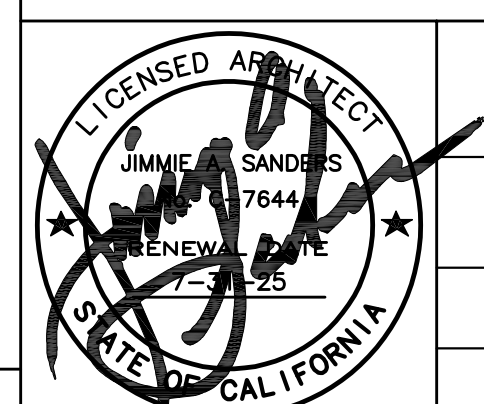
Q-3  
Q-4  
KEY MAP

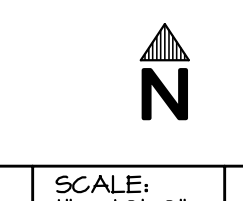
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 ARCHITECTURE | ENGINEERING

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

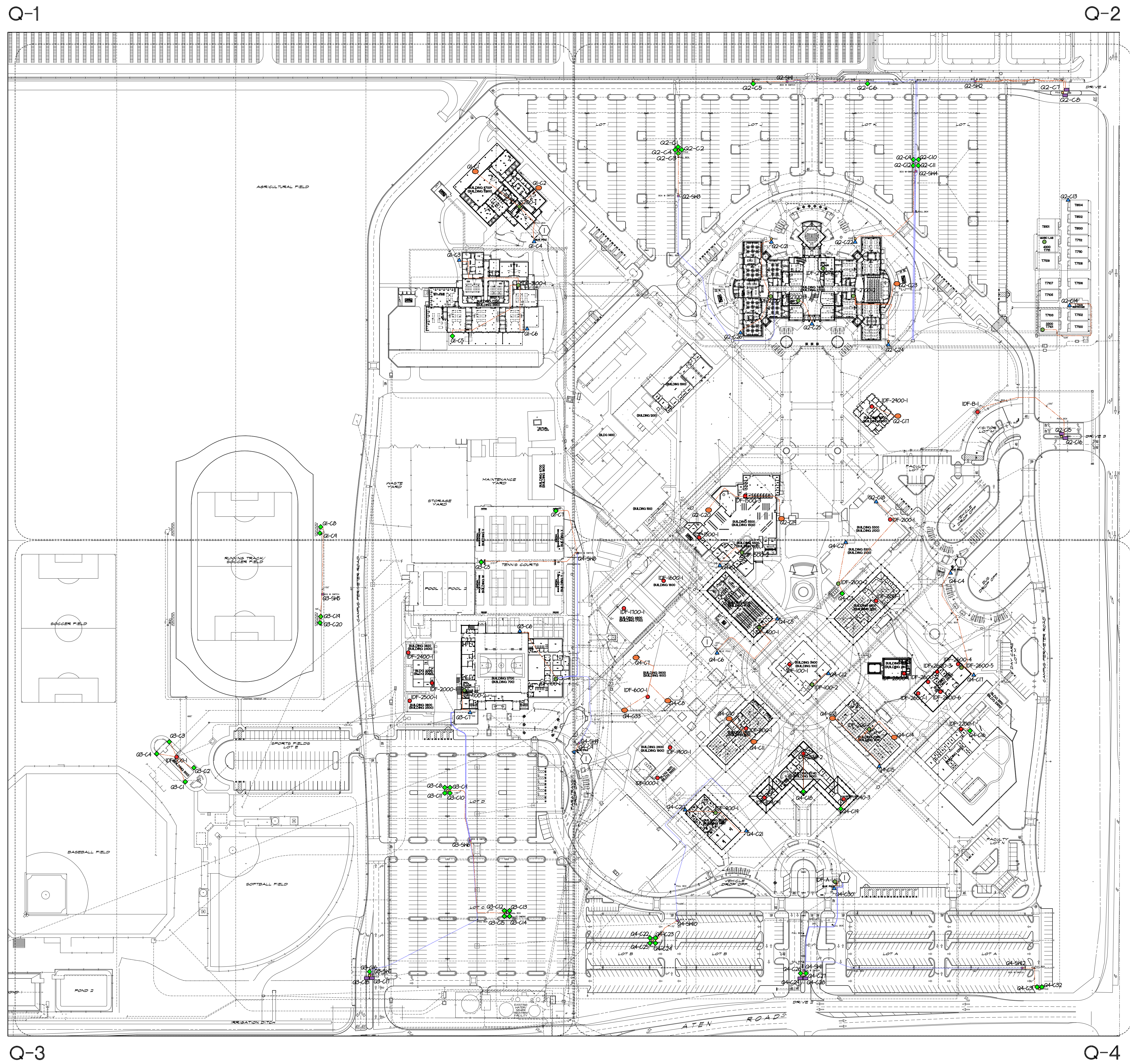
Sheet Title  
**PLANTING PLAN - Q4**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>L1.4.3</b>



SCALE: 1" = 10'-0"





**APPROVALS**

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- FIXED LFR CAMERA
- ▲ MULTISENSOR CAMERA
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- (E) IDF ROOM
- COPPER
- FIBER
- NEW POLE SQUARE SECTION
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS FILL BOX
- COMMUNICATIONS BOX WITH SWITCH

**KEYNOTES:**

- ① (E) BLUE POLE

**NOTES:**

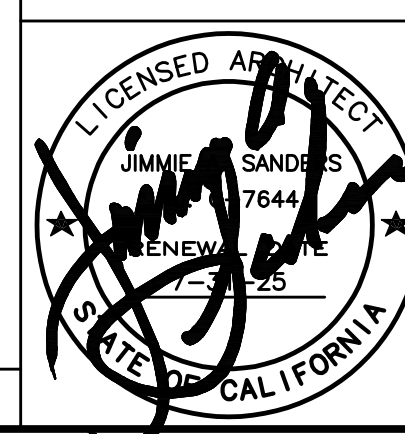
- a. ALL CONSTRUCTION DRIVEWAY AREAS NEED TO REMAIN OPEN TO THE PUBLIC DURING SCHOOL HOURS.
- b. PARTIAL CLOSURE WILL BE ALLOWED ON INDIVIDUAL DRIVEWAY ENTRANCES AT CERTAIN TIMES.
- c. PARKING LOT PARTIAL CLOSURES WILL BE PERMITTED AT CERTAIN AREAS AT THE APPROVAL OF THE OWNER.

**SANDERS, inc**  
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**COMMUNICATIONS SITE PLAN**



Document Date  
 11-17-23

Date Last Revised

Project Number  
 23-061V

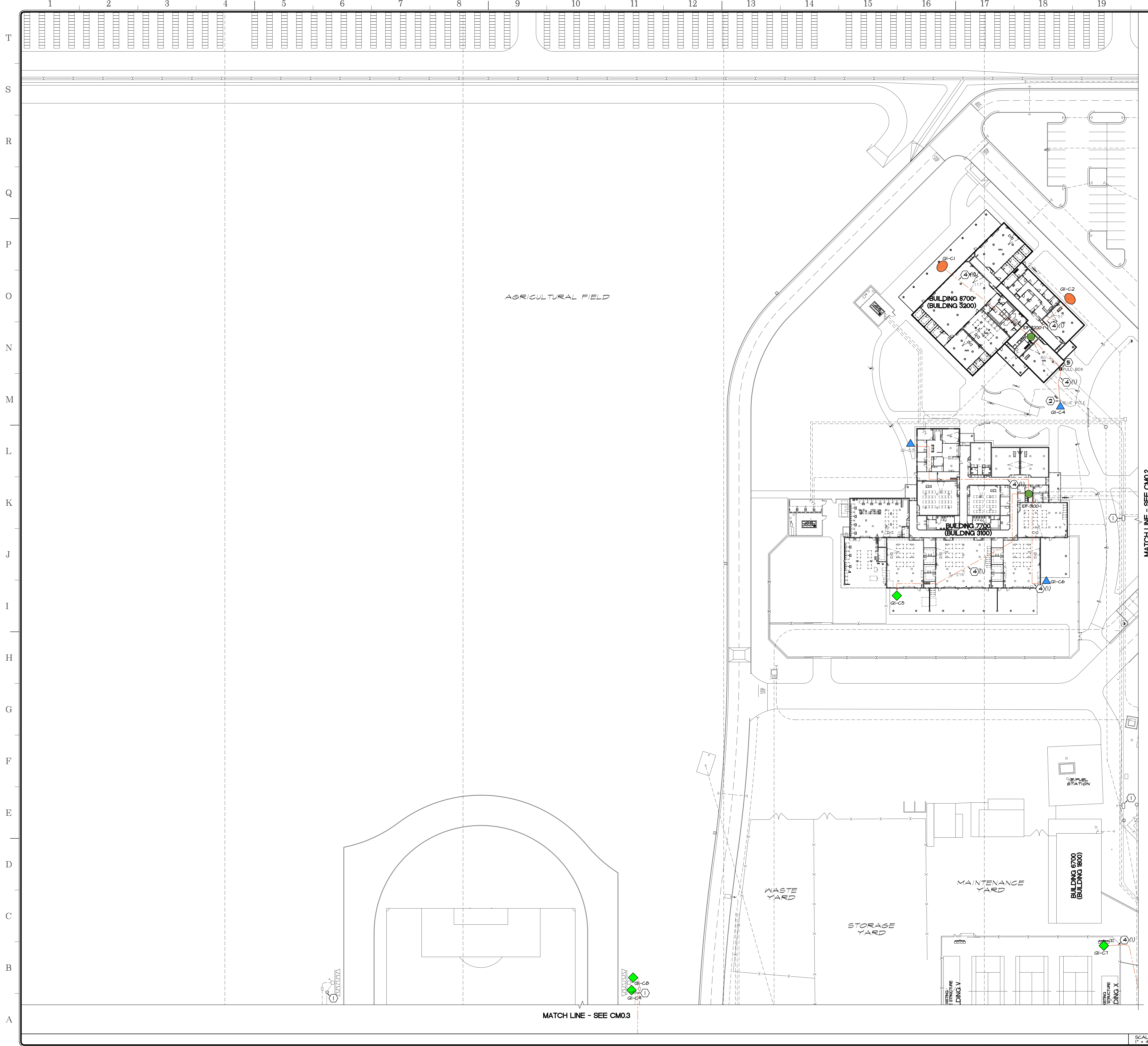
Sheet Number  
**CM0.0**

SCALE: 1" = 100'-0"



A





**APPROVALS**

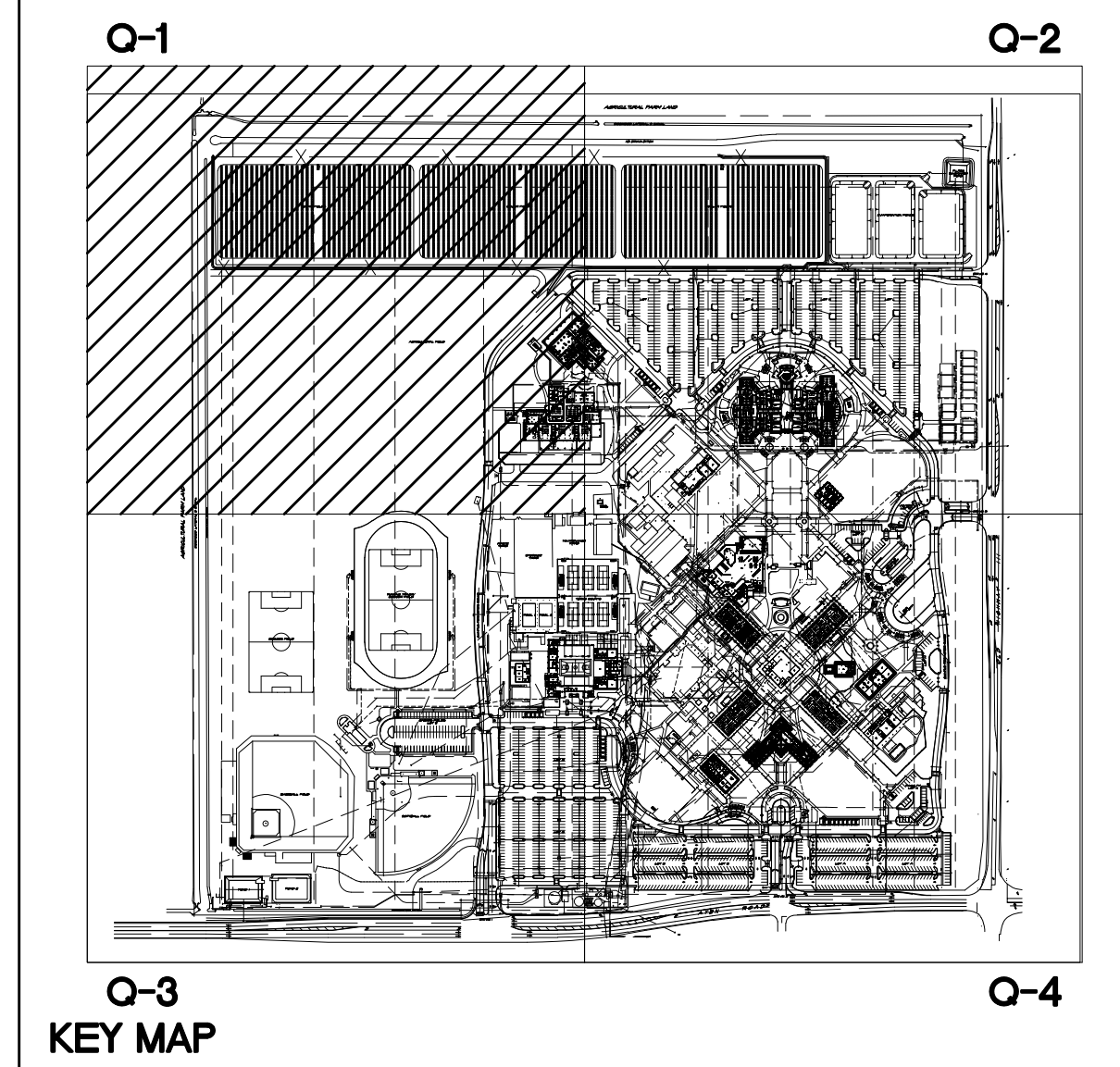
**LEGEND:**

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- FIXED LPR CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- NEK POLE SQUARE SECTION
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- NEK COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

**KEYNOTES**

- ① EXISTING COMMUNICATIONS BOX - PROTECT
- ② EXISTING BLUE POLE - PROTECT
- ③ PROVIDE SINGLE MODE (6) STRAND FIBER OPTICS FROM EXISTING IDF TO NEK SWITCH ENCLOSURE
- ④ PROVIDE CAT 6 CABLE, QUANTITY NOTED
- ⑤ PROVIDE COMMUNICATIONS PULL BOX

CAMERA NO.	CAMERA TYPE	POE	PI	BUILDING	IDF ROOM NO.	CAMERA LOCATION	MOUNT TYPE
GI-C1	FIXED-FISH EYE			3200	3200B	IDF-3200-4	BLDG. SOFFIT NONE
GI-C2	FIXED-FISH EYE			3200	3200B	IDF-3200-4	BLDG. WALL ACC HNTT
GI-C3	MULTISENSOR			3100	3100E	IDF-3100-1	BLDG. WALL ACC HNTT
GI-C4	MULTISENSOR			3200	3200B	IDF-3200-4	(E) BLUE POLE
GI-C5	FIXED-BULLETT			3100	3100E	IDF-3100-1	BLDG. WALL ACC HNTT
GI-C6	MULTISENSOR			3100	3100E	IDF-3100-1	BLDG. WALL ACC HNTT
GI-C7	FIXED-BULLETT			100	104	IDF-100-1	(E) LIGHT POLE ACC HNTT
GI-C8	FIXED-BULLETT			500	---	IDF-500-1	(E) LIGHT POLE ACC HNTT
GI-CA	FIXED-BULLETT			500	---	IDF-500-1	(E) LIGHT POLE ACC HNTT



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

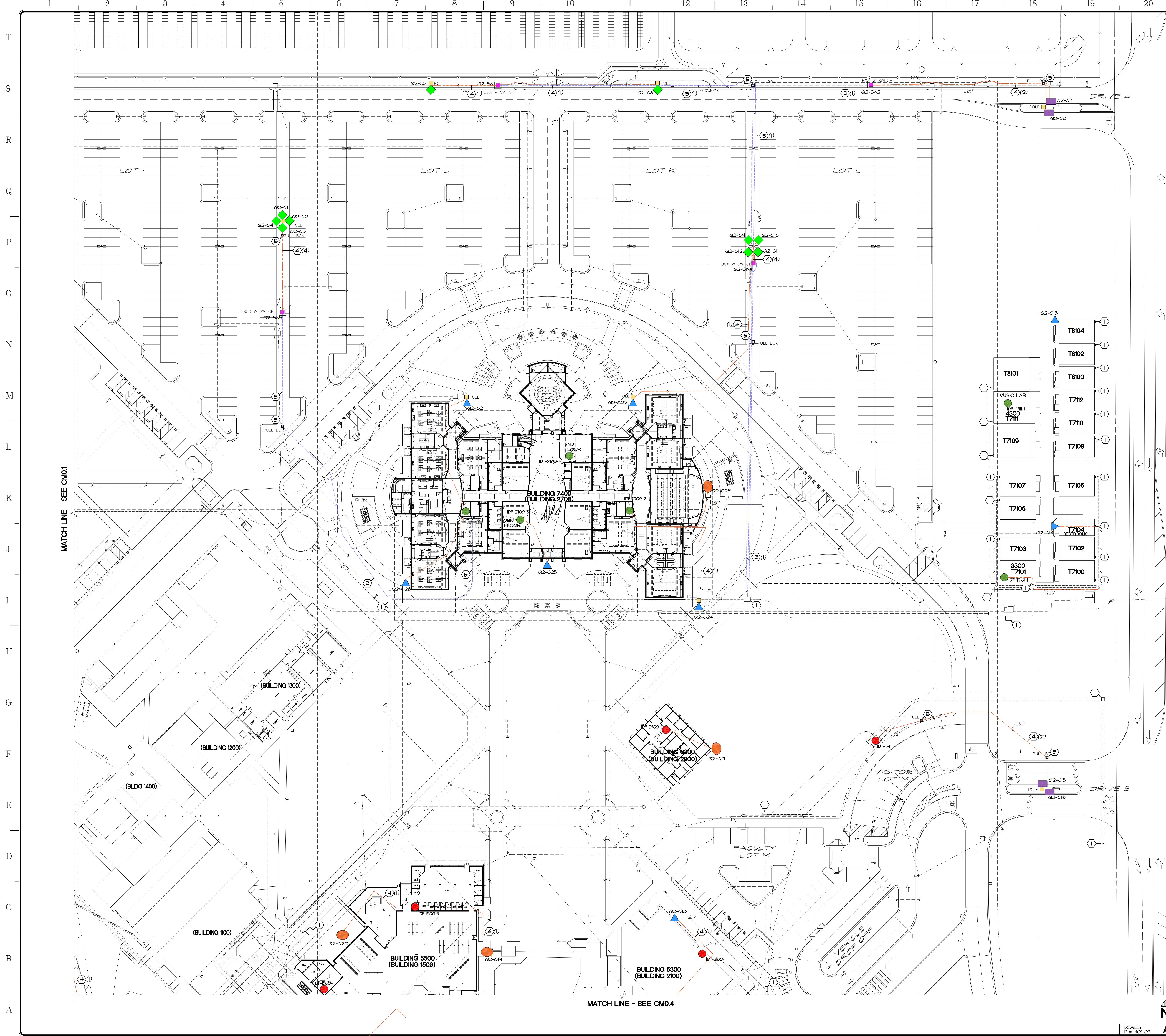
Sheet Title  
**COMMUNICATIONS SITE PLAN - O1**

Document Date: 11-17-23  
 Date Last Revised: \_\_\_\_\_  
 Project Number: 23-061V  
 Sheet Number: **CM0.1**

SCALE: 1" = 40'-0"

**LICENSED ARCHITECT**  
 JIM SANDERS  
 7647  
 STATE OF CALIFORNIA



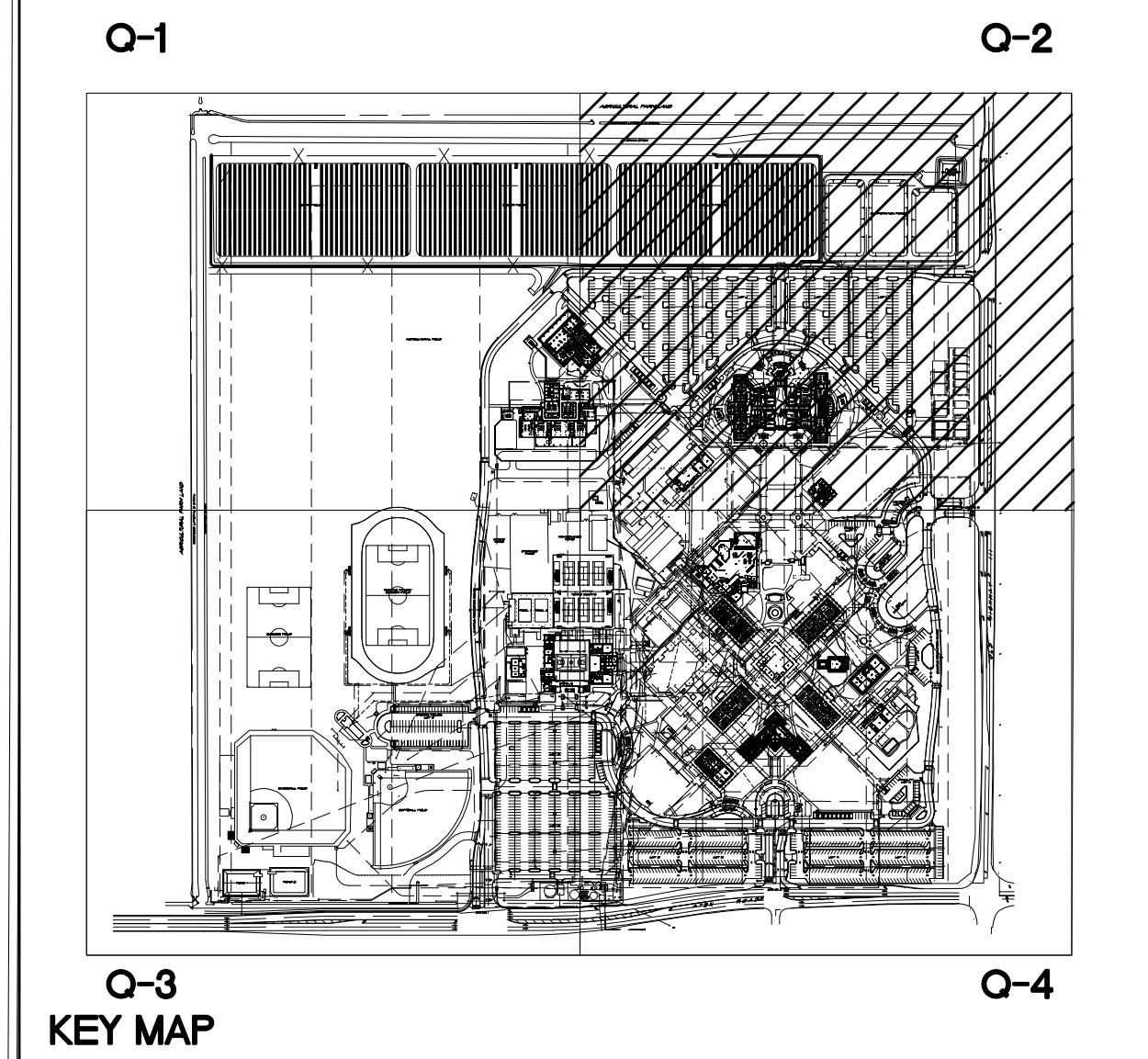


- ### APPROVALS
- #### LEGEND:
- ◆ FIXED CAMERA
  - FIXED FISH EYE CAMERA
  - FIXED LPR CAMERA
  - ▲ MULTISENSOR CAMERA
  - IDF ROOM
  - (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
  - COPPER
  - FIBER
  - NEW POLE SQUARE SECTION
  - APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
  - NEW COMMUNICATIONS FULL BOX
  - COMMUNICATIONS BOX WITH SWITCH

- #### KEYNOTES
- ① EXISTING COMMUNICATIONS BOX - PROTECT
  - ② EXISTING BLUE POLE - PROTECT
  - ③ PROVIDE SINGLE MODE (6) STRAND FIBER OPTICS FROM EXISTING IDF TO NEW SWITCH ENCLOSURE
  - ④ PROVIDE CAT 6 CABLE, QUANTITY NOTED
  - ⑤ PROVIDE COMMUNICATIONS FULL BOX

CAMERA NO.	CAMERA TYPE	POE	FI	BUILDING	IDF ROOM	IDF NO.	CAMERA LOCATION	MOUNT TYPE	PER (Q2)
Q2-C1	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C2	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C3	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C4	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C5	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C6	FIXED-BULLETT			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C7	FIXED - LPR			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C8	FIXED - LPR			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C9	FIXED-BULLETT			2100	2101E	IDF-2100-4	(E) LIGHT POLE	ACC	MNTT
Q2-C10	FIXED-BULLETT			2100	2101E	IDF-2100-4	(E) LIGHT POLE	ACC	MNTT
Q2-C11	FIXED-BULLETT			2100	2101E	IDF-2100-4	(E) LIGHT POLE	ACC	MNTT
Q2-C12	FIXED-BULLETT			2100	2101E	IDF-2100-4	(E) LIGHT POLE	ACC	MNTT
Q2-C13	MULTISENSOR			1710		IDF-1710-1	BLDG. HALL	ACC	MNTT
Q2-C14	MULTISENSOR			1710		IDF-1710-4	BLDG. HALL	ACC	MNTT
Q2-C15	FIXED - LPR			BUILDING B		IDF-B1	IN POLE	ACC	MNTT
Q2-C16	FIXED - LPR			BUILDING B		IDF-B1	IN POLE	ACC	MNTT
Q2-C17	FIXED-FISH EYE			2100		IDF-2100-1	BLDG. HALL	ACC	MNTT
Q2-C18	MULTISENSOR			2100	2161	IDF-2100-2	BLDG. HALL	ACC	MNTT
Q2-C19	FIXED-FISH EYE			1500	1525	IDF-1500-3	BLDG. HALL	ACC	MNTT
Q2-C20	FIXED-FISH EYE			1500	1525	IDF-1500-3	BLDG. HALL	ACC	MNTT
Q2-C21	MULTISENSOR			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C22	MULTISENSOR			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C23	FIXED-FISH EYE			2100	2101E	IDF-2100-2	BLDG. HALL	ACC	MNTT
Q2-C24	MULTISENSOR			2100	2101E	IDF-2100-4	IN POLE	ACC	MNTT
Q2-C25	MULTISENSOR			2100	2101E	IDF-2100-3	BLDG. SOFFIT	NONE	
Q2-C26	MULTISENSOR			2100	2101E	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

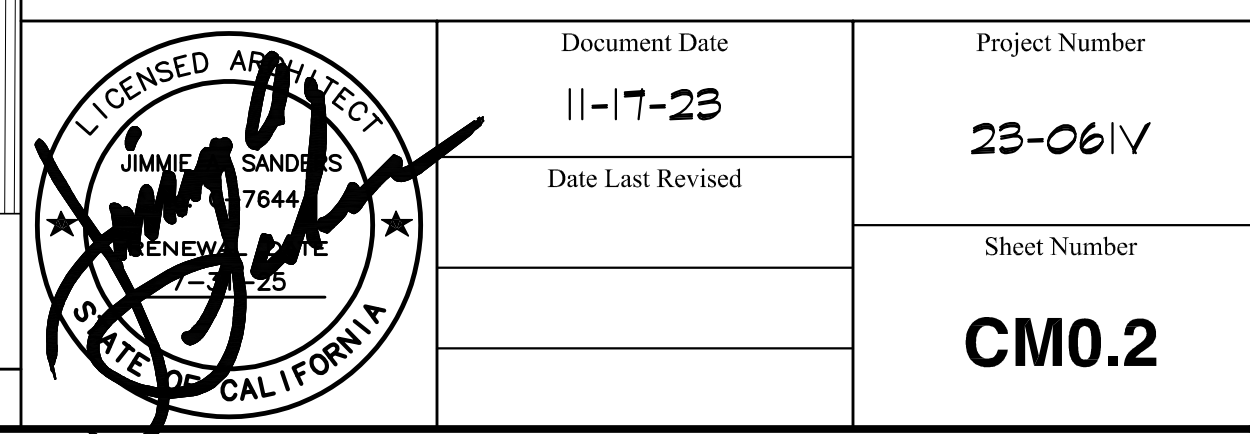


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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**COMMUNICATIONS SITE PLAN - Q2**

Document Date 11-17-23	Project Number 23-061V
Date Last Revised	Sheet Number CM0.2

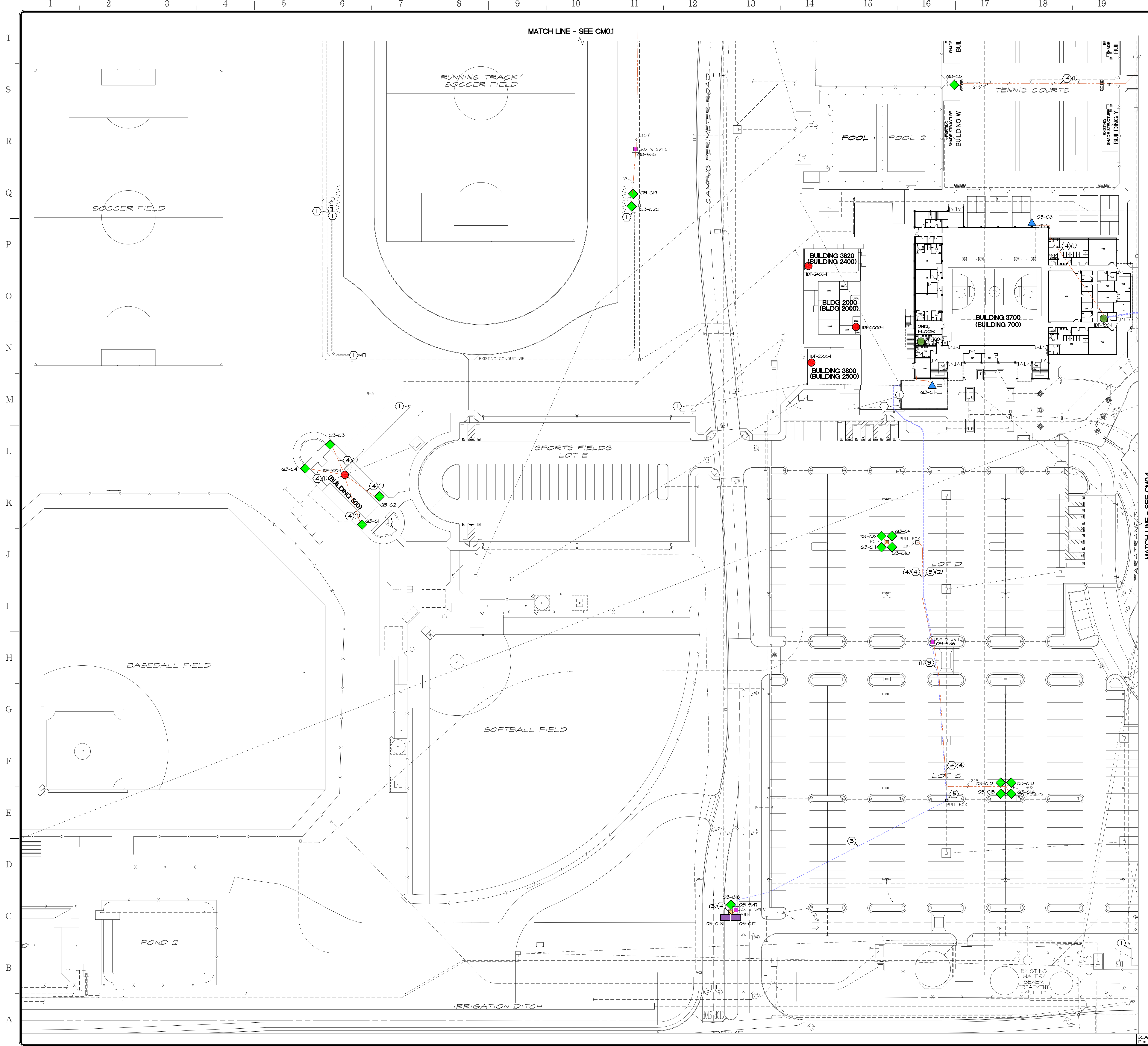


SCALE: 1" = 40'-0"

MATCH LINE - SEE CM0.1

MATCH LINE - SEE CM0.4





**APPROVALS**

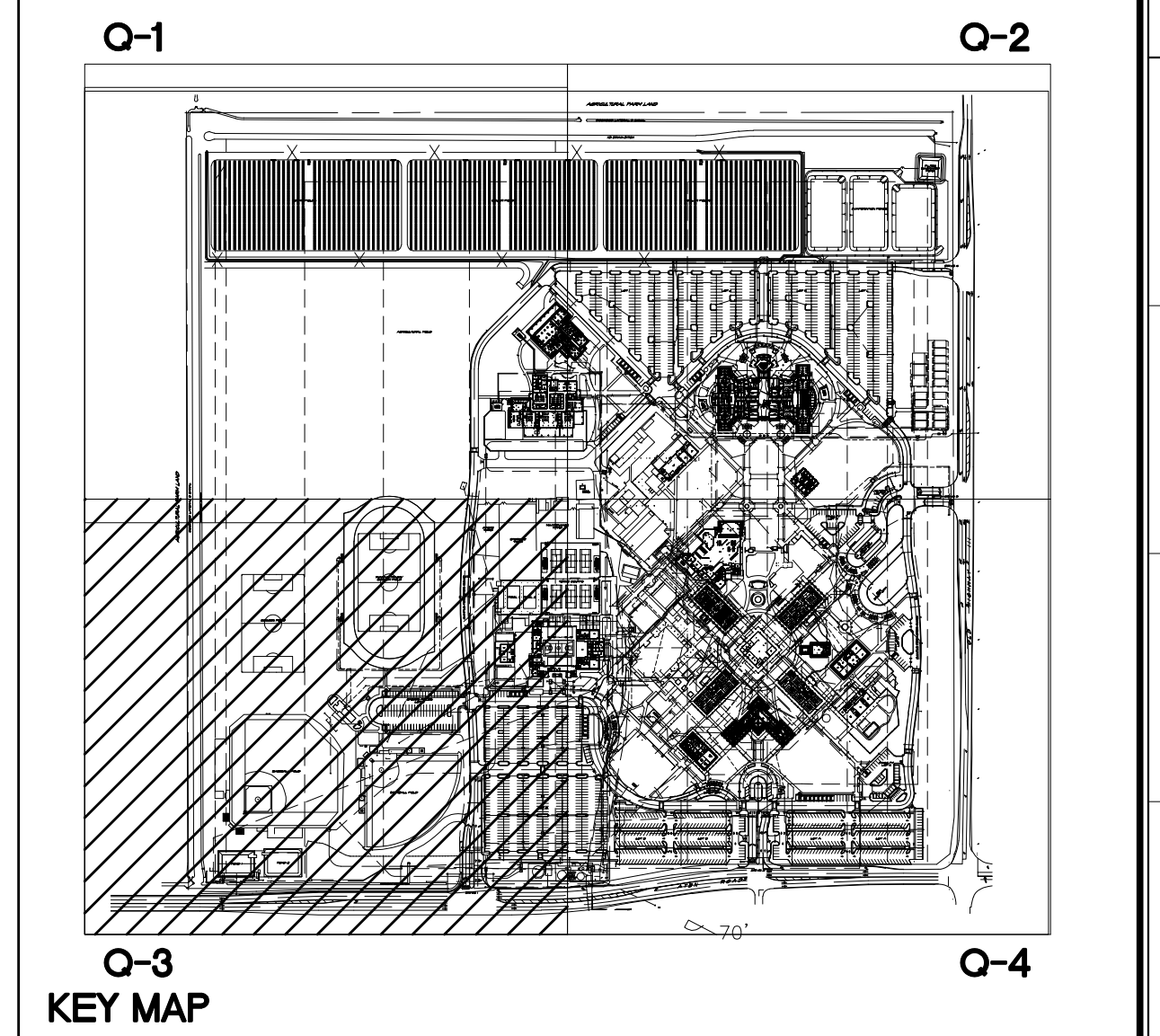
**LEGEND:**

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- FIXED LPR CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- NEW POLE SQUARE SECTION
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- NEW COMMUNICATIONS FULL BOX
- COMMUNICATIONS BOX WITH SWITCH

**KEYNOTES**

- ① EXISTING COMMUNICATIONS BOX - PROTECT
- ② EXISTING BLUE POLE - PROTECT
- ③ PROVIDE SINGLE MODE (6) STRAND FIBER OPTICS FROM EXISTING IDF TO NEW SWITCH ENCLOSURE
- ④ PROVIDE CAT 6 CABLE, QUANTITY NOTED
- ⑤ PROVIDE COMMUNICATIONS FULL BOX

CAMERA NO.	TYPE	POLE	REQ'D	PI	BUILDING	IDF ROOM	IDF NO.	CAMERA LOCATION	HOIST TYPE
Q3-C1	FIXED-BULLETT				500	50B	IDF-500-1	BLDG. HALL	ACC INTL
Q3-C2	FIXED-BULLETT				500	50B	IDF-500-1	BLDG. HALL	ACC INTL
Q3-C3	FIXED-BULLETT				500	50B	IDF-500-1	BLDG. HALL	ACC INTL
Q3-C4	FIXED-BULLETT				500	50B	IDF-500-1	BLDG. HALL	ACC INTL
Q3-C5	FIXED-BULLETT				100	104	IDF-100-1	(E) LIGHT POLE	ACC INTL
Q3-C6	MULTISENSOR				100	104	IDF-100-1	BLDG. HALL	ACC INTL
Q3-C7	MULTISENSOR				100	(2)(2)(200)	IDF-100-2	BLDG. HALL	ACC INTL
Q3-C8	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(N) POLE	ACC INTL
Q3-C9	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(N) POLE	ACC INTL
Q3-C10	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(N) POLE	ACC INTL
Q3-C11	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(N) POLE	ACC INTL
Q3-C12	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(E) LIGHT POLE	ACC INTL
Q3-C13	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(E) LIGHT POLE	ACC INTL
Q3-C14	FIXED-BULLETT				100	(2)(2)(200)	IDF-100-2	(E) LIGHT POLE	ACC INTL
Q3-C15	FIXED-BULLETT				500	50B	IDF-500-1	(N) POLE	ACC INTL
Q3-C16	FIXED-BULLETT				500	50B	IDF-500-1	(N) POLE	ACC INTL
Q3-C17	FIXED - LPR				500	50B	IDF-500-1	(N) POLE	ACC INTL
Q3-C18	FIXED - LPR				500	50B	IDF-500-1	(N) POLE	ACC INTL
Q3-C19	FIXED-BULLETT				500	50B	IDF-500-1	(E) LIGHT POLE	ACC INTL
Q3-C20	FIXED-BULLETT				500	50B	IDF-500-1	(E) LIGHT POLE	ACC INTL



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

Sheet Title  
**COMMUNICATIONS SITE PLAN - Q3**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM0.3

SCALE: 1" = 40'-0"



MATCH LINE - SEE CM0.2

**APPROVALS**

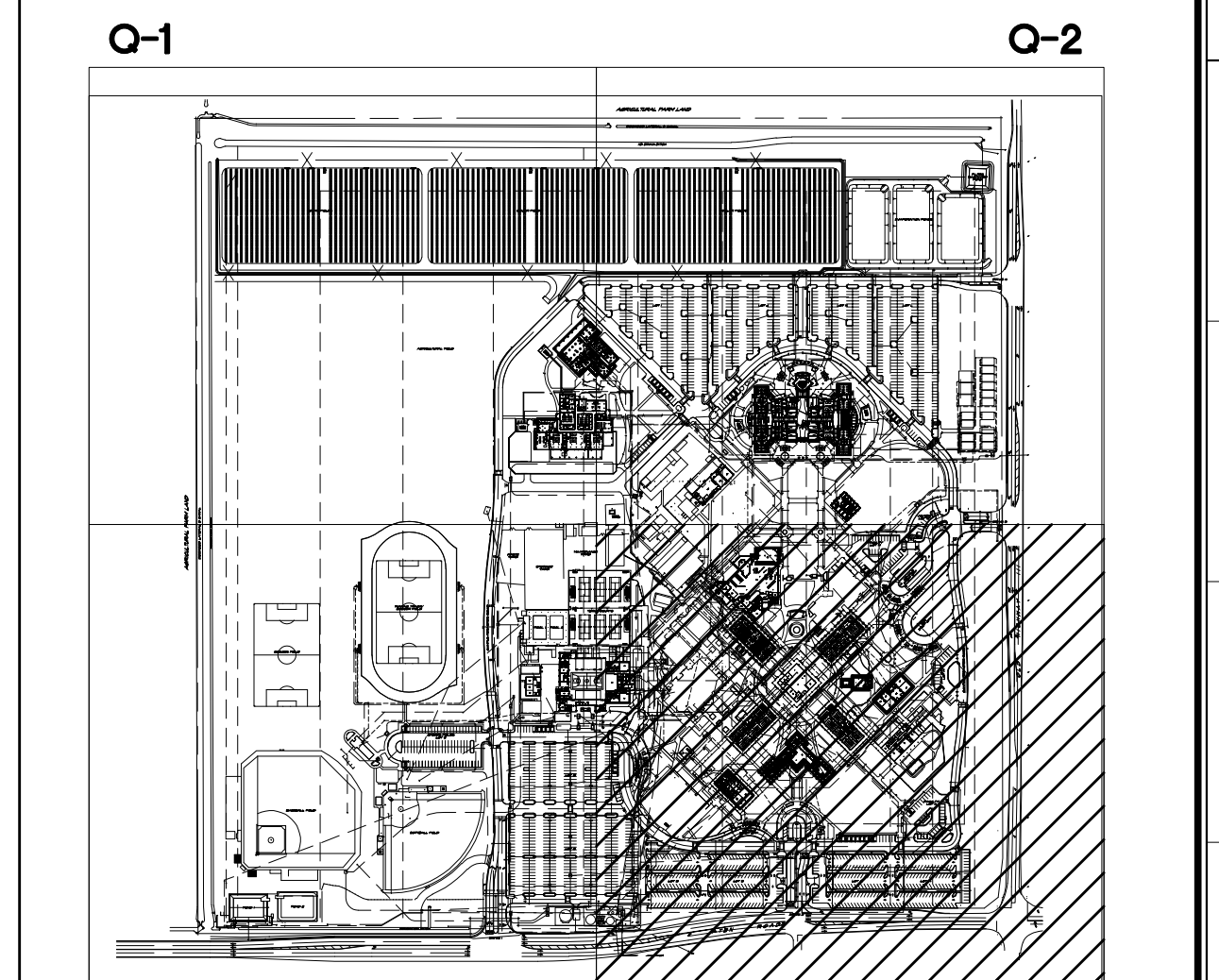
**LEGEND:**

- ◆ FIXED CAMERA
- FIXED FISH EYE CAMERA
- FIXED LPR CAMERA
- ▲ MULTISENSOR CAMERA
- IDF ROOM
- (E) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- NEW POLE SQUARE SECTION
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- NEW COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

**KEYNOTES**

- ① EXISTING COMMUNICATIONS BOX - PROTECT
- ② EXISTING BLUE POLE - PROTECT
- ③ PROVIDE SINGLE MODE (6) STRAND FIBER OPTICS FROM EXISTING IDF TO NEW SWITCH ENCLOSURE
- ④ PROVIDE CAT 6 CABLE, QUANTITY NOTED
- ⑤ PROVIDE COMMUNICATIONS PULL BOX

CAMERA NO.	CAMERA TYPE	POLE REQUIRED	PI	BUILDING ROOM NO.	IDF NO.	CAMERA LOCATION	MOUNT TYPE
Q4-C1	MULTISENSOR	1500	1510	1500-2	BLDG. HALL	ACC INT2	ACC INT2
Q4-C2	MULTISENSOR	2100	2161	2100-2	BLDG. SOFFIT		
Q4-C3	FIXED-BULLETT	2100	2161	2100-2	BLDG. HALL	ACC INT1	ACC INT1
Q4-C4	MULTISENSOR	2600	2603	2600-5	(E) BLUE POLE	ACC INT2	ACC INT2
Q4-C5	MULTISENSOR	400	408	400-4	BLDG. SOFFIT		NONE
Q4-C6	MULTISENSOR	400	408	400-4	(E) BLUE POLE		
Q4-C7	FIXED-FISH EYE	600	621	600-4	BLDG. SOFFIT		NONE
Q4-C8	FIXED-FISH EYE	600	621	600-4	BLDG. SOFFIT		NONE
Q4-C9	MULTISENSOR	100	104	IDF-100-1	(E) BLUE POLE		
Q4-C10	FIXED-FISH EYE	800	802	800-1	BLDG. SOFFIT		NONE
Q4-C11	FIXED-FISH EYE	800	802	800-1	BLDG. SOFFIT		NONE
Q4-C12	MULTISENSOR	100	105B	100-2	BLDG. SOFFIT		NONE
Q4-C13	FIXED-FISH EYE	2100	214	2100-1	BLDG. SOFFIT		NONE
Q4-C14	FIXED-FISH EYE	2100	214	2100-1	BLDG. SOFFIT		NONE
Q4-C15	MULTISENSOR	200	214	200-1	BLDG. SOFFIT		NONE
Q4-C16	FIXED-BULLETT	2200	2211	2200-1	BLDG. SOFFIT		ACC INT2
Q4-C17	FIXED-BULLETT	2600	2607	2600-5	BLDG. HALL	ACC INT2	ACC INT2
Q4-C18	FIXED-BULLETT	10/40	1	10/40-3	HALL CORNER	ACC INT2	ACC INT2
Q4-C19	FIXED-BULLETT	10/40	16	10/40-3	HALL CORNER	ACC INT1	ACC INT1
Q4-C20	MULTISENSOR	400	403H	400-1	BLDG. SOFFIT		NONE
Q4-C21	MULTISENSOR	400	403H	400-1	BLDG. SOFFIT		NONE
Q4-C22	FIXED-BULLETT	400	403H	400-1	(N) POLE	ACC INT1	ACC INT1
Q4-C23	FIXED-BULLETT	400	403H	400-1	(N) POLE	ACC INT1	ACC INT1
Q4-C24	FIXED-BULLETT	400	403H	400-1	(N) POLE	ACC INT1	ACC INT1
Q4-C25	FIXED-BULLETT	400	403H	400-1	(N) POLE	ACC INT1	ACC INT1
Q4-C26	FIXED-BULLETT	BUILDING A	---	A-1	(E) LIGHT POLE	ACC INT1	ACC INT1
Q4-C27	FIXED-BULLETT	BUILDING A	---	A-1	(E) LIGHT POLE	ACC INT1	ACC INT1
Q4-C28	FIXED - LPR	BUILDING A	---	A-1	(E) LIGHT POLE	ACC INT1	ACC INT1
Q4-C29	FIXED - LPR	BUILDING A	---	A-1	(E) LIGHT POLE	ACC INT1	ACC INT1
Q4-C30	MULTISENSOR	BUILDING A	---	A-1	(E) BLUE POLE	ACC INT1	ACC INT1
Q4-C31	FIXED-BULLETT	BUILDING A	---	A-1	(N) POLE	ACC INT1	ACC INT1
Q4-C32	FIXED-BULLETT	BUILDING A	---	A-1	(N) POLE	ACC INT1	ACC INT1
Q4-C33	FIXED-FISH EYE	600	621	600-4	BLDG. HALL	ACC INT1	ACC INT1
Q4-C34	FIXED-FISH EYE	1000	1001	1000-1	BLDG. HALL	ACC INT1	ACC INT1
Q4-C35	FIXED-FISH EYE	1000	1001	1000-1	BLDG. HALL	ACC INT1	ACC INT1



KEY MAP

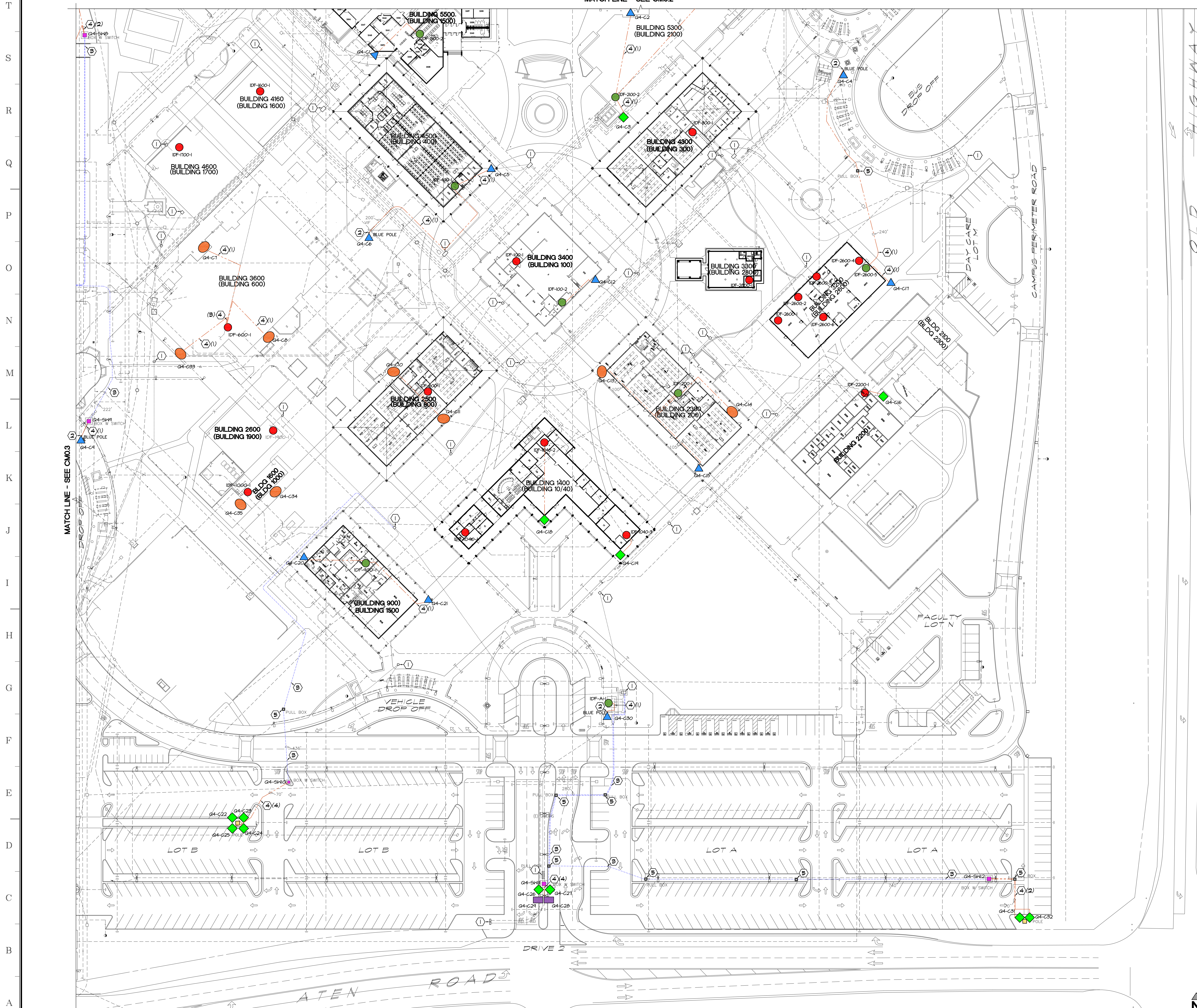
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

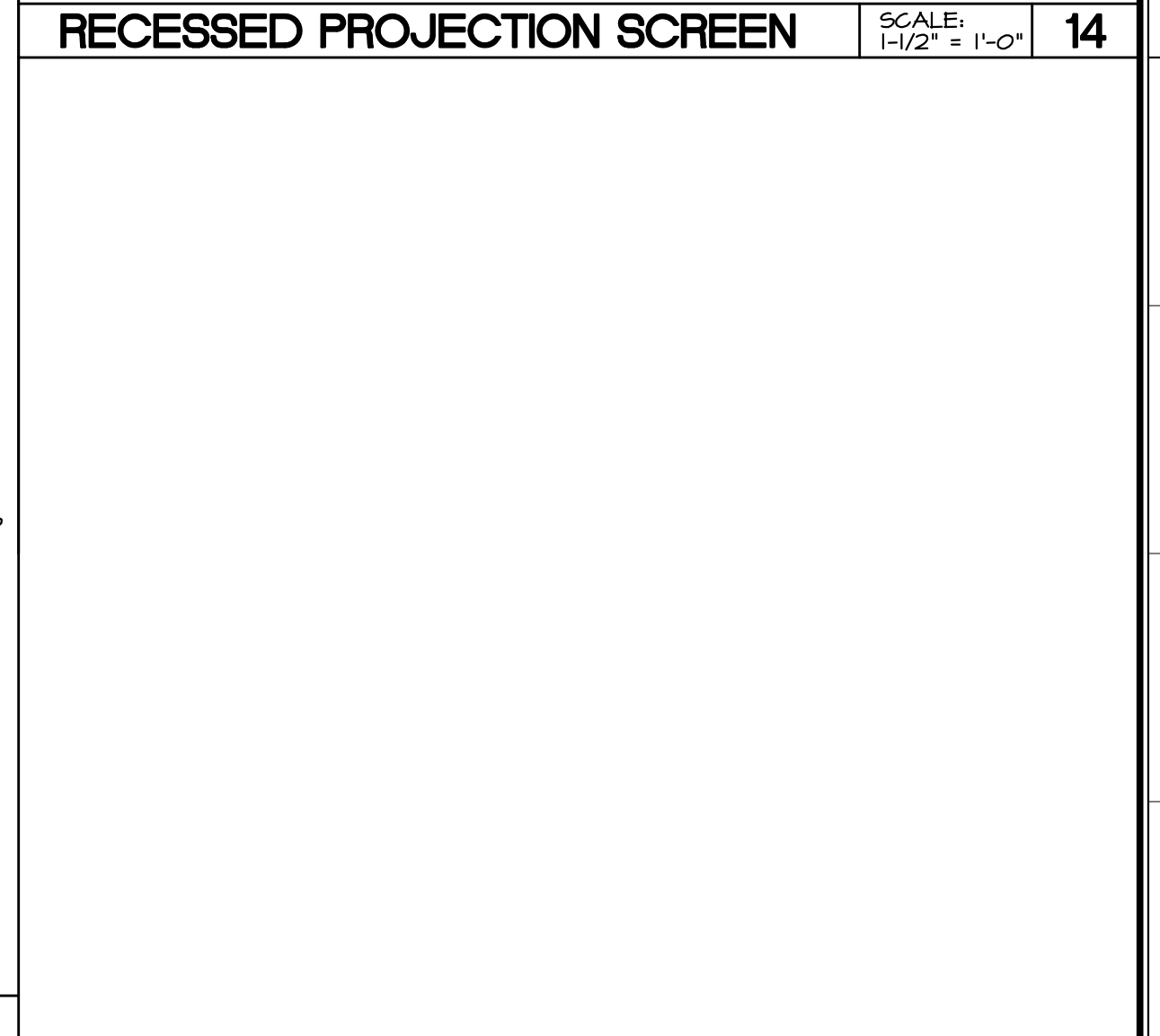
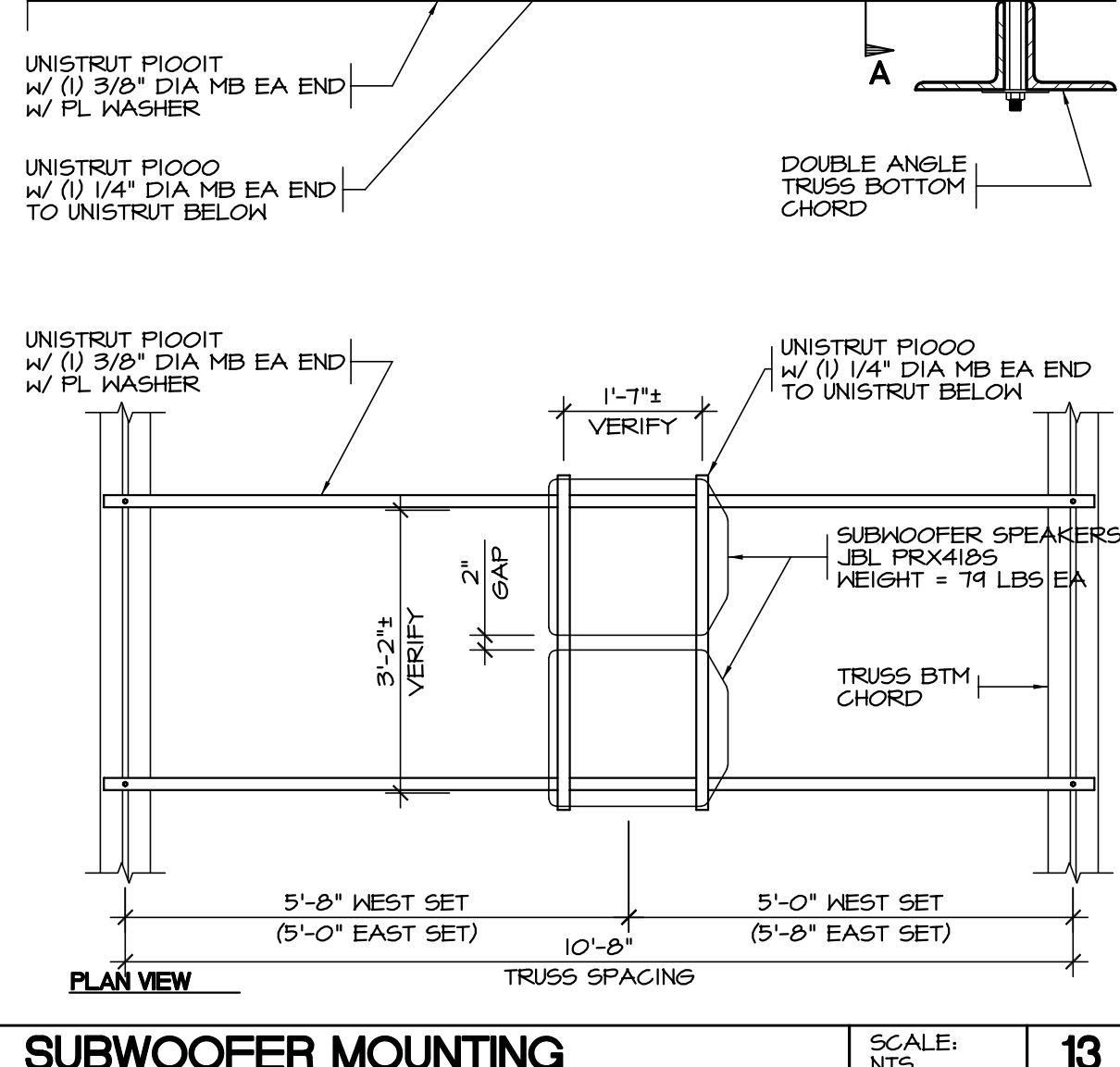
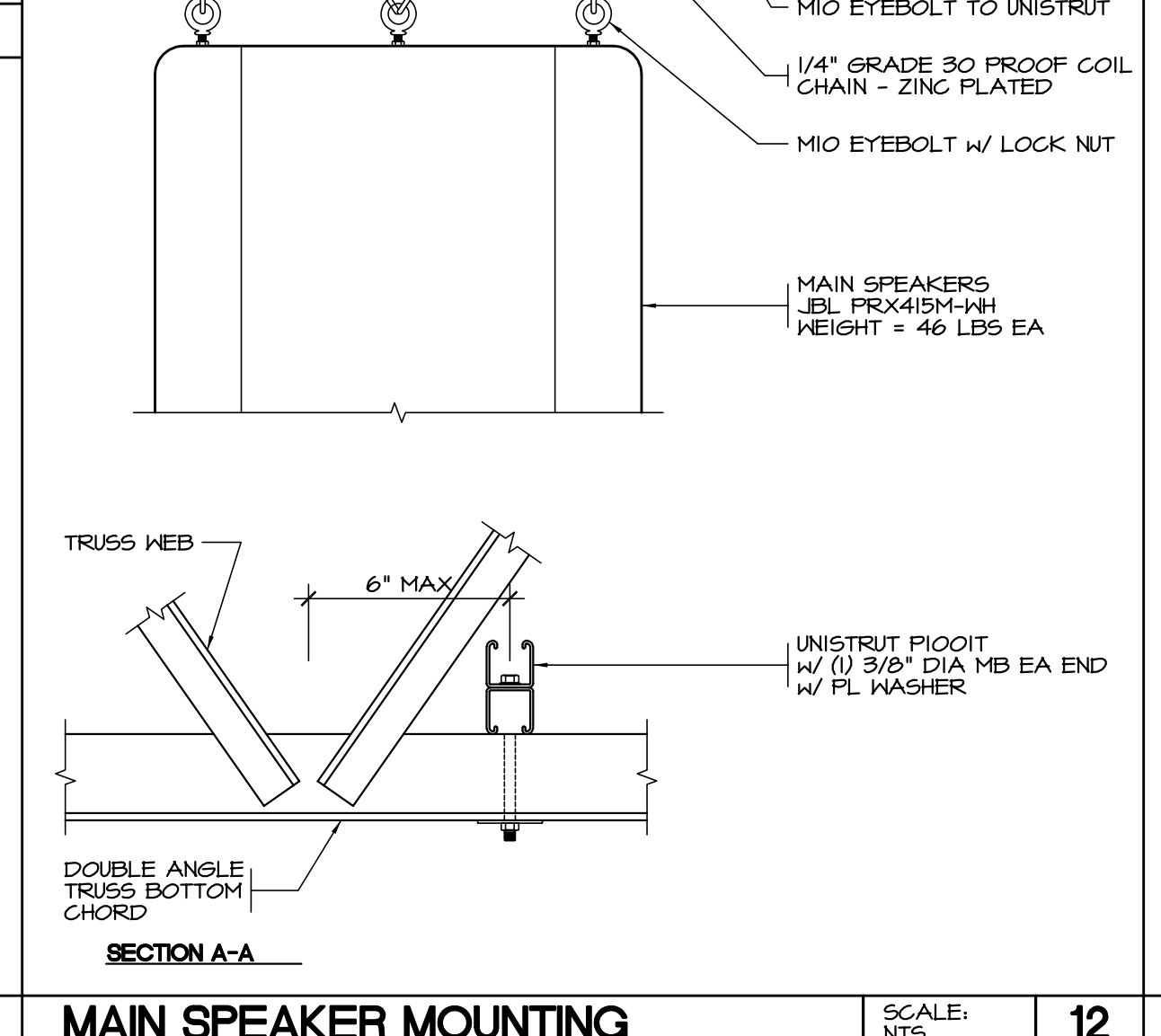
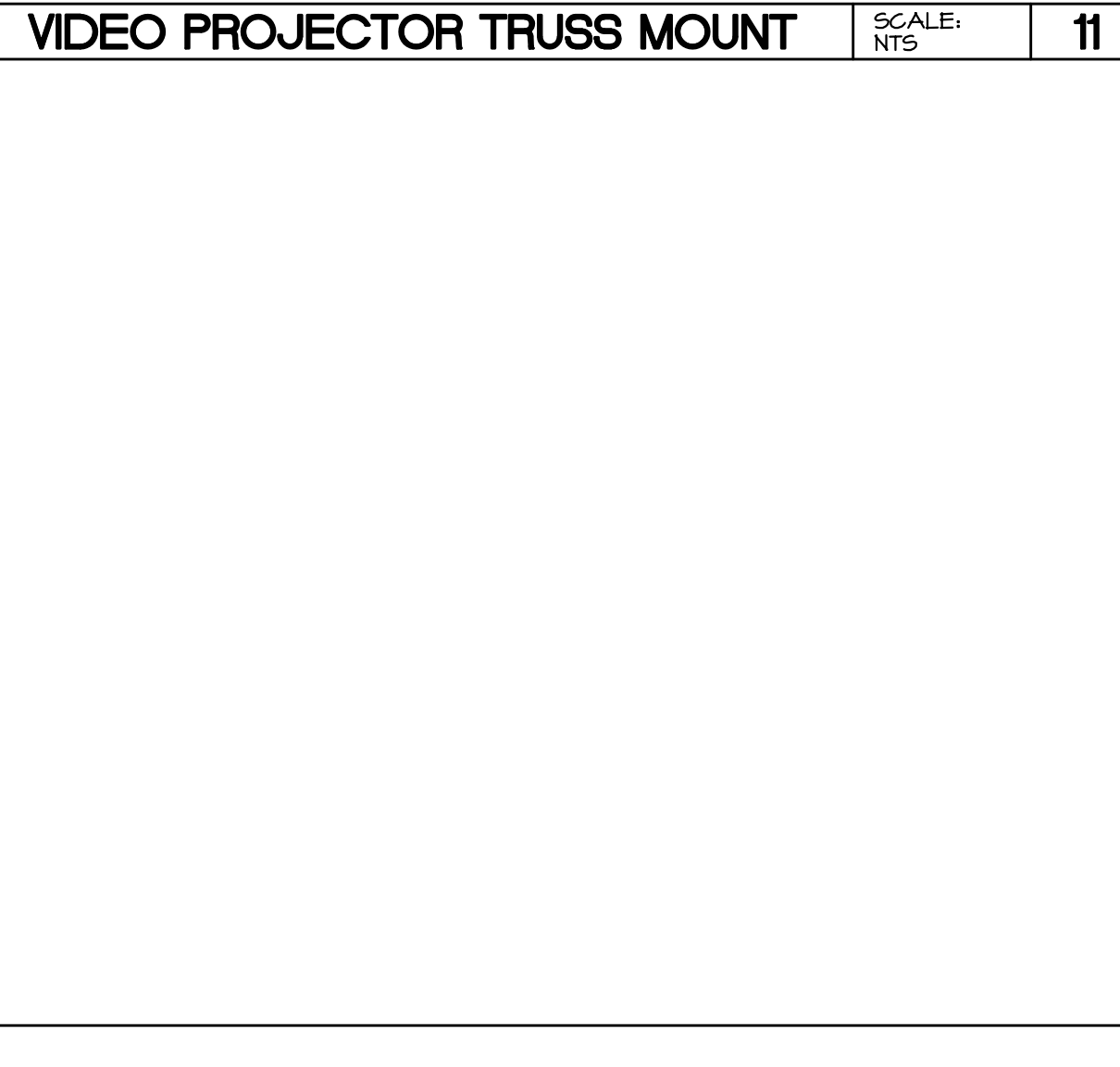
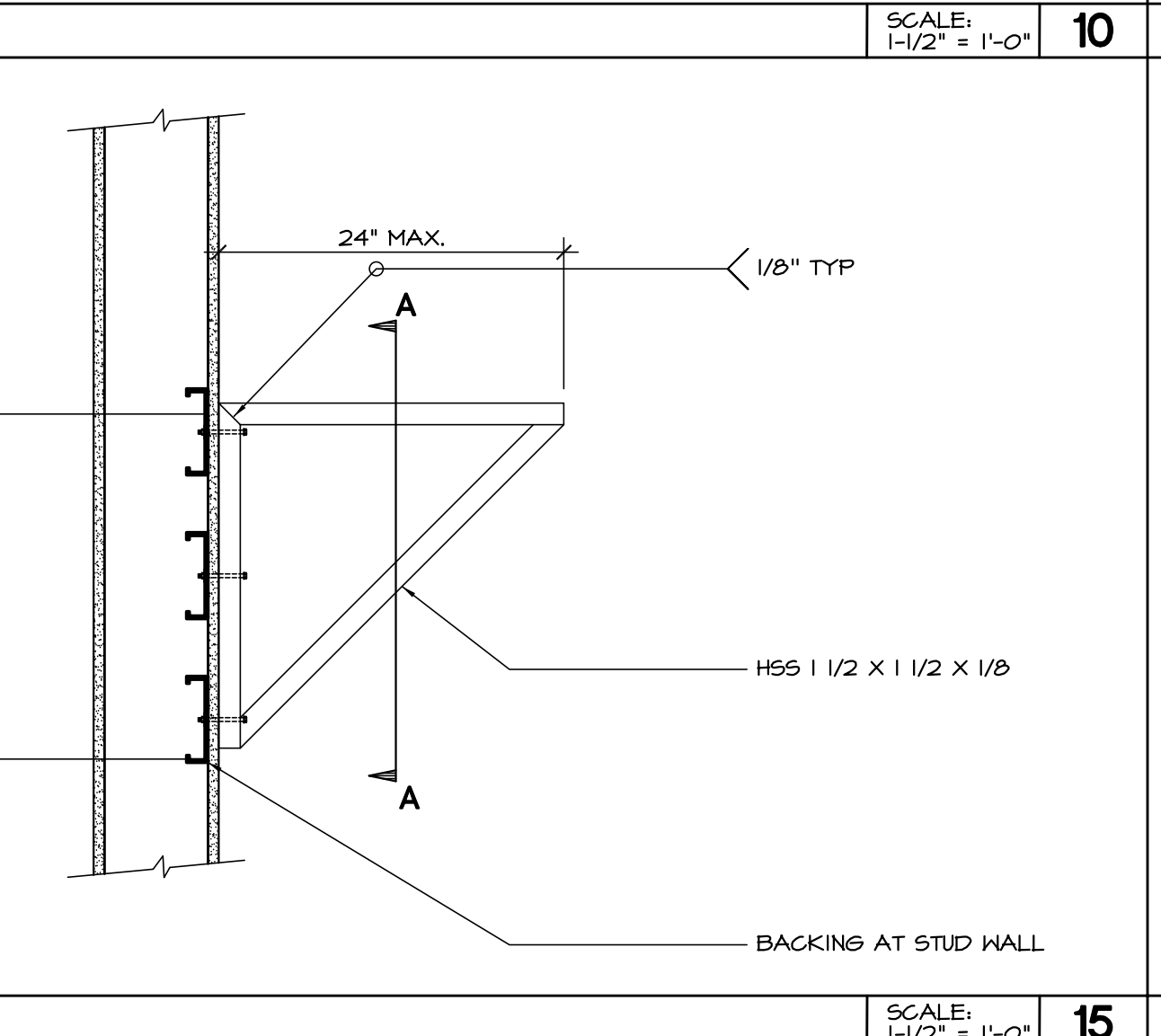
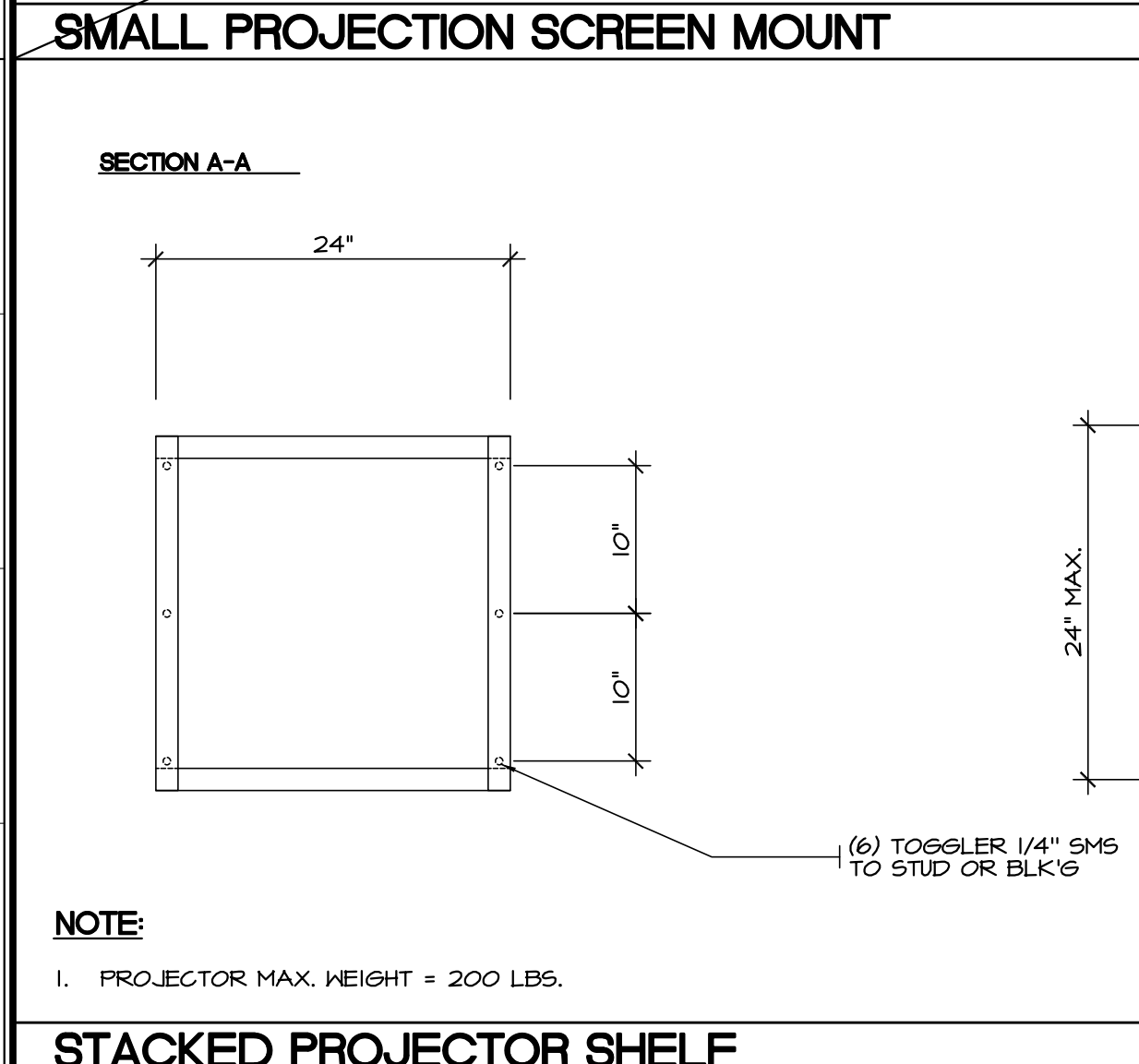
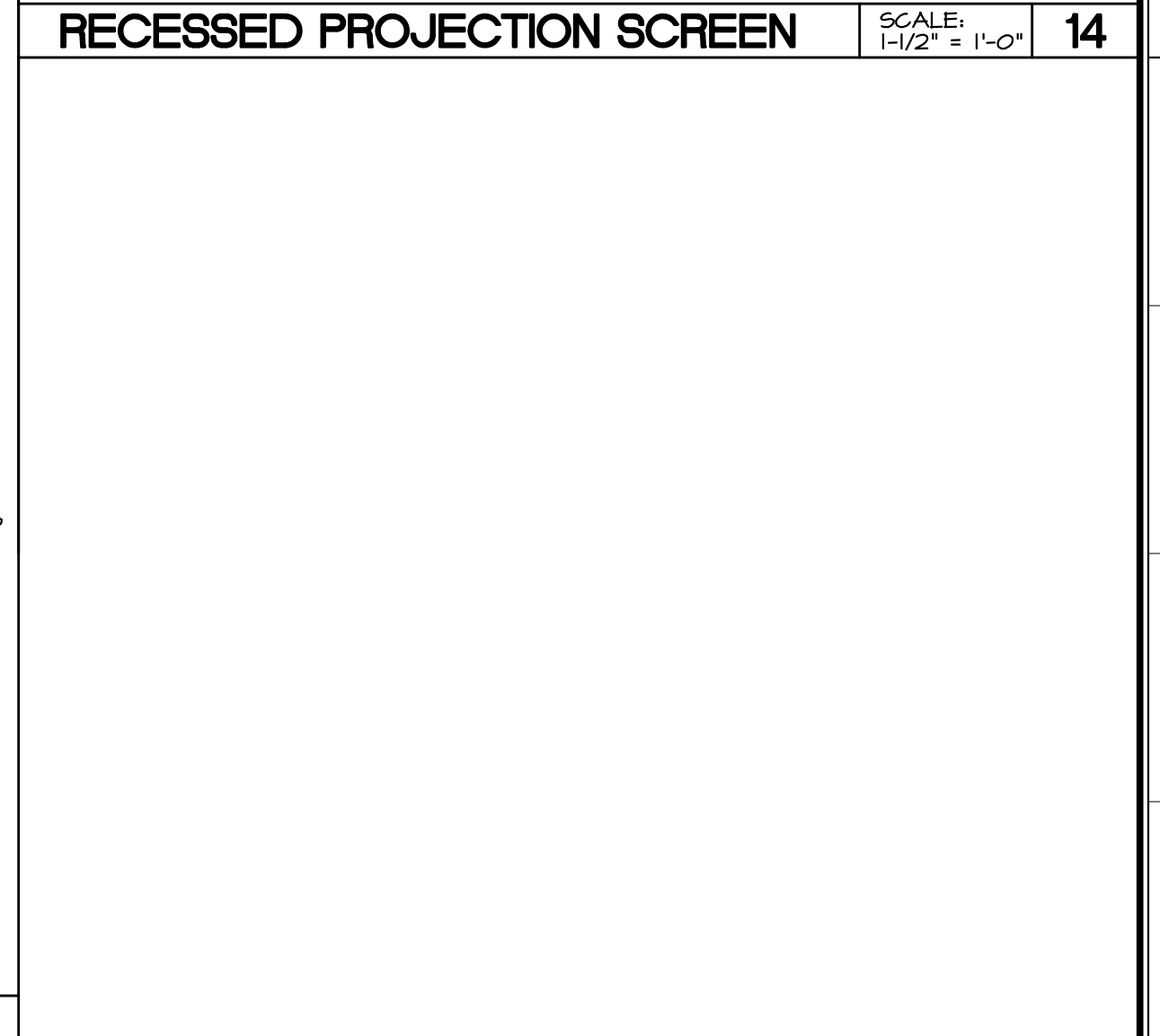
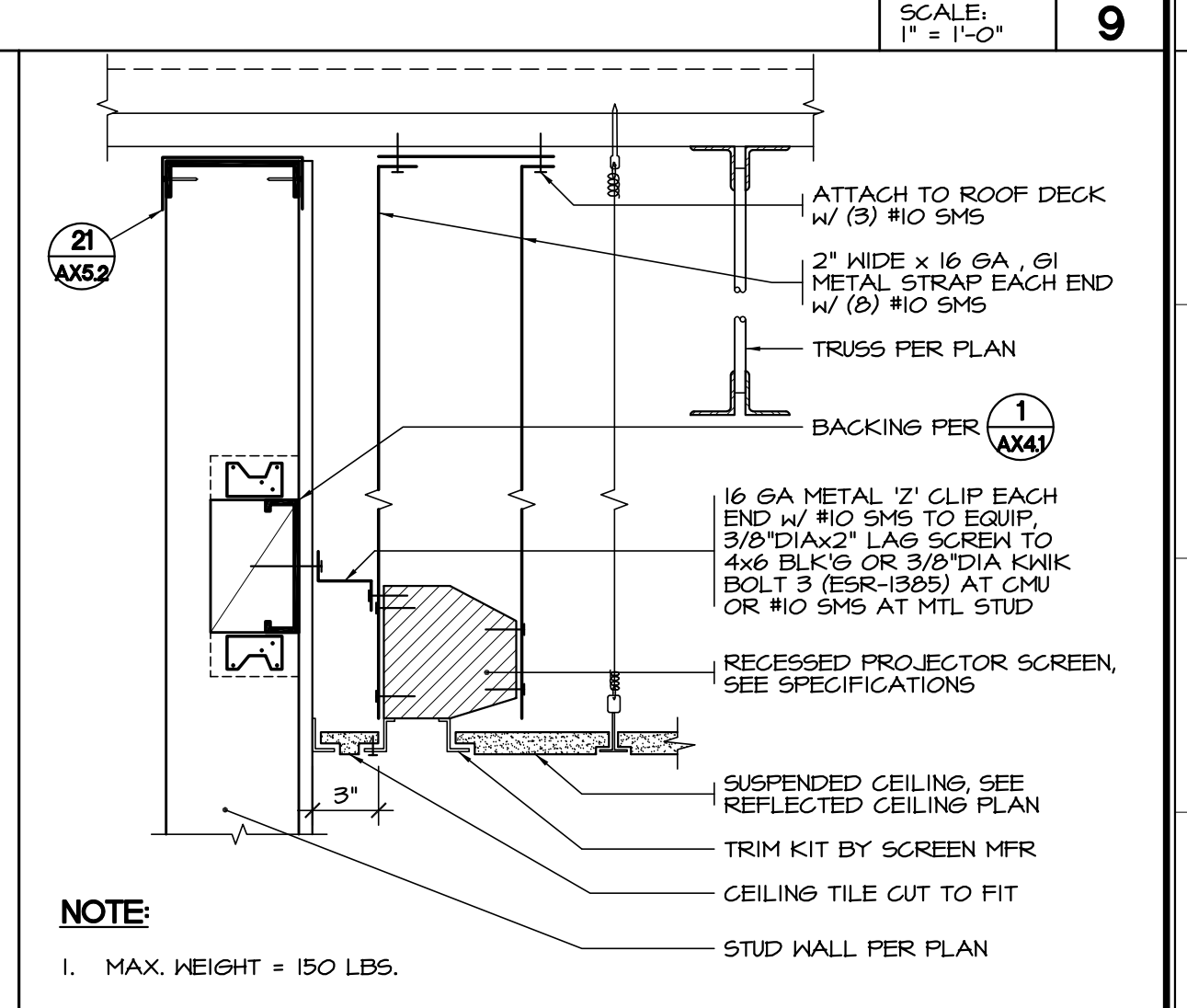
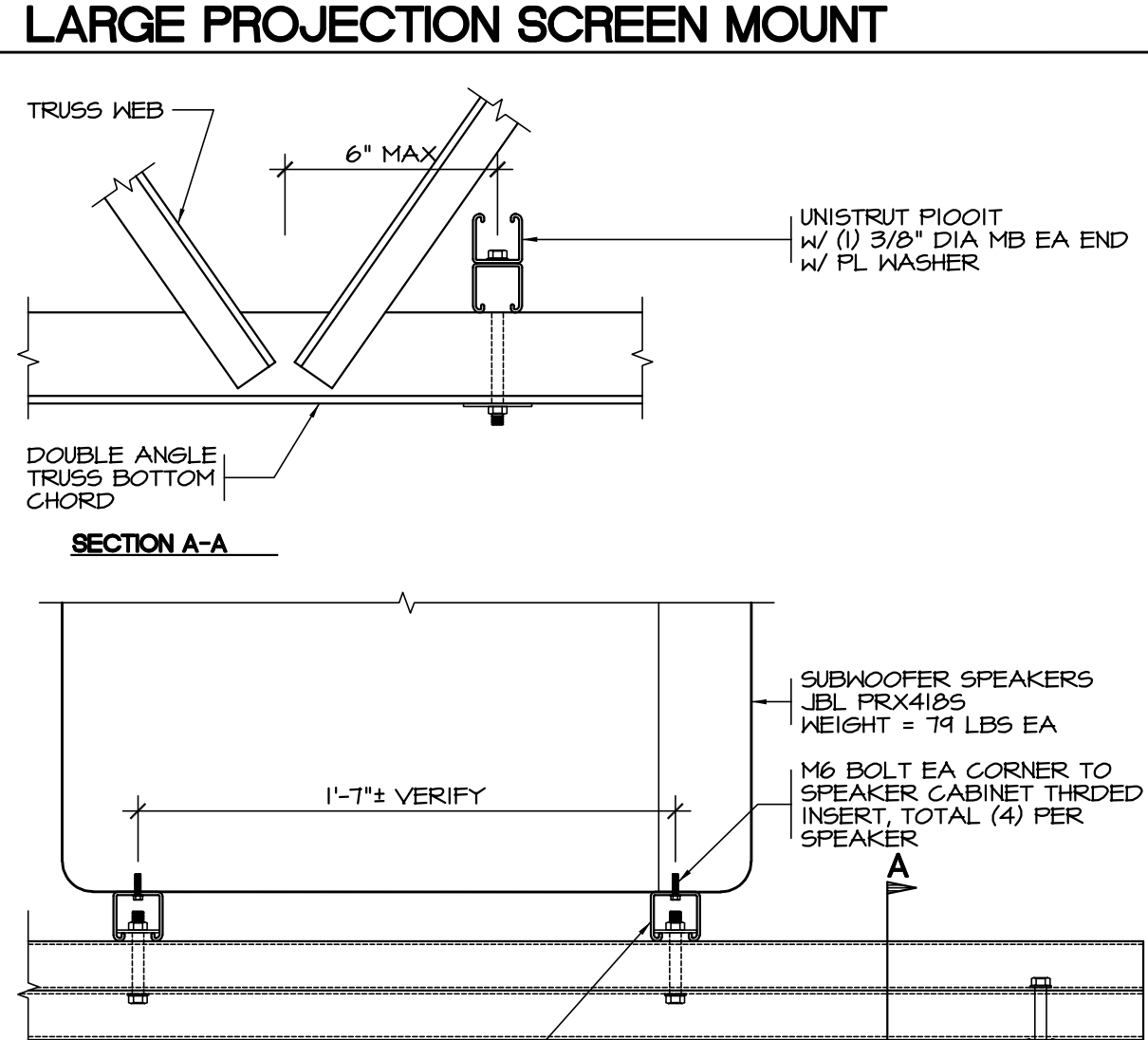
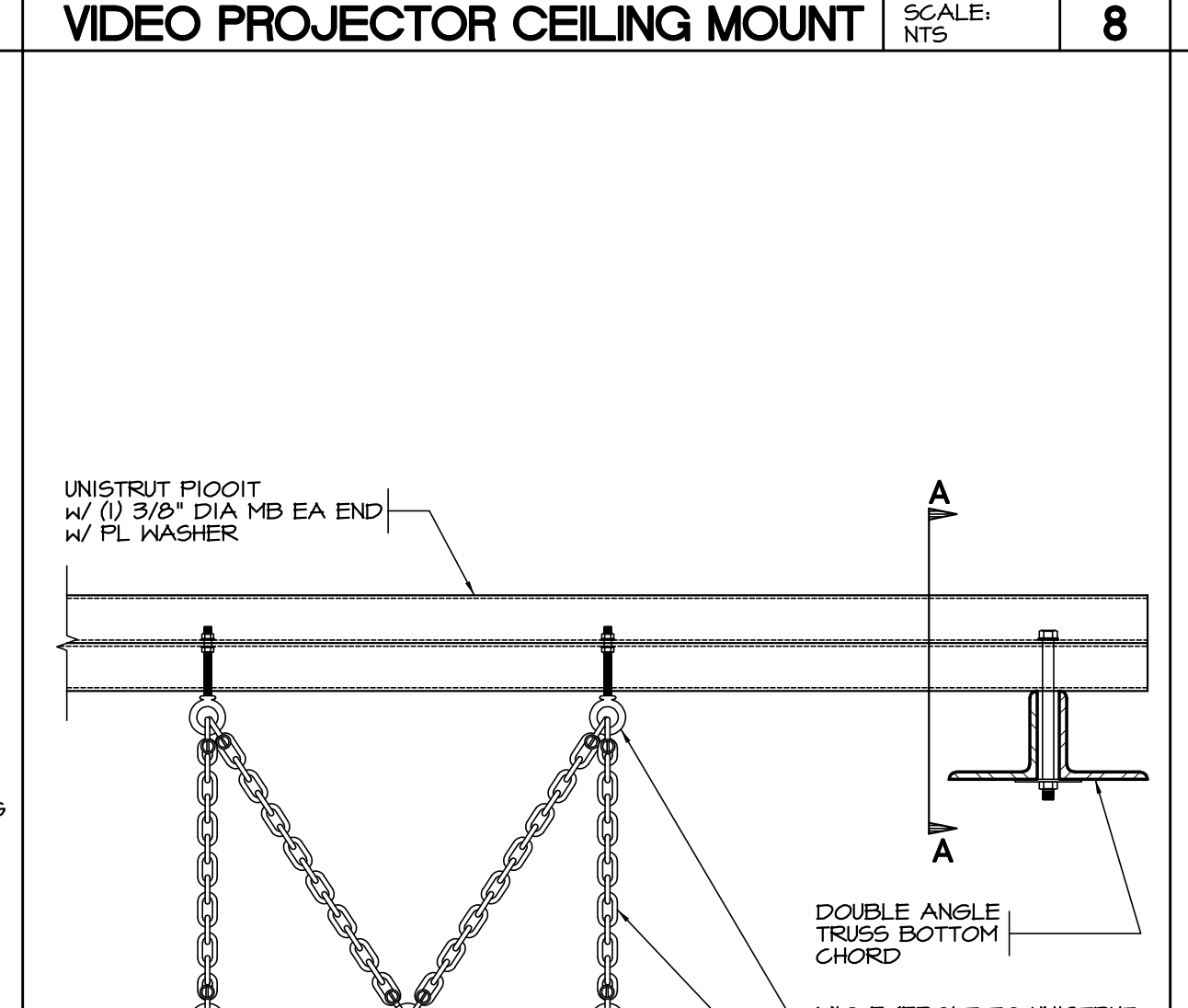
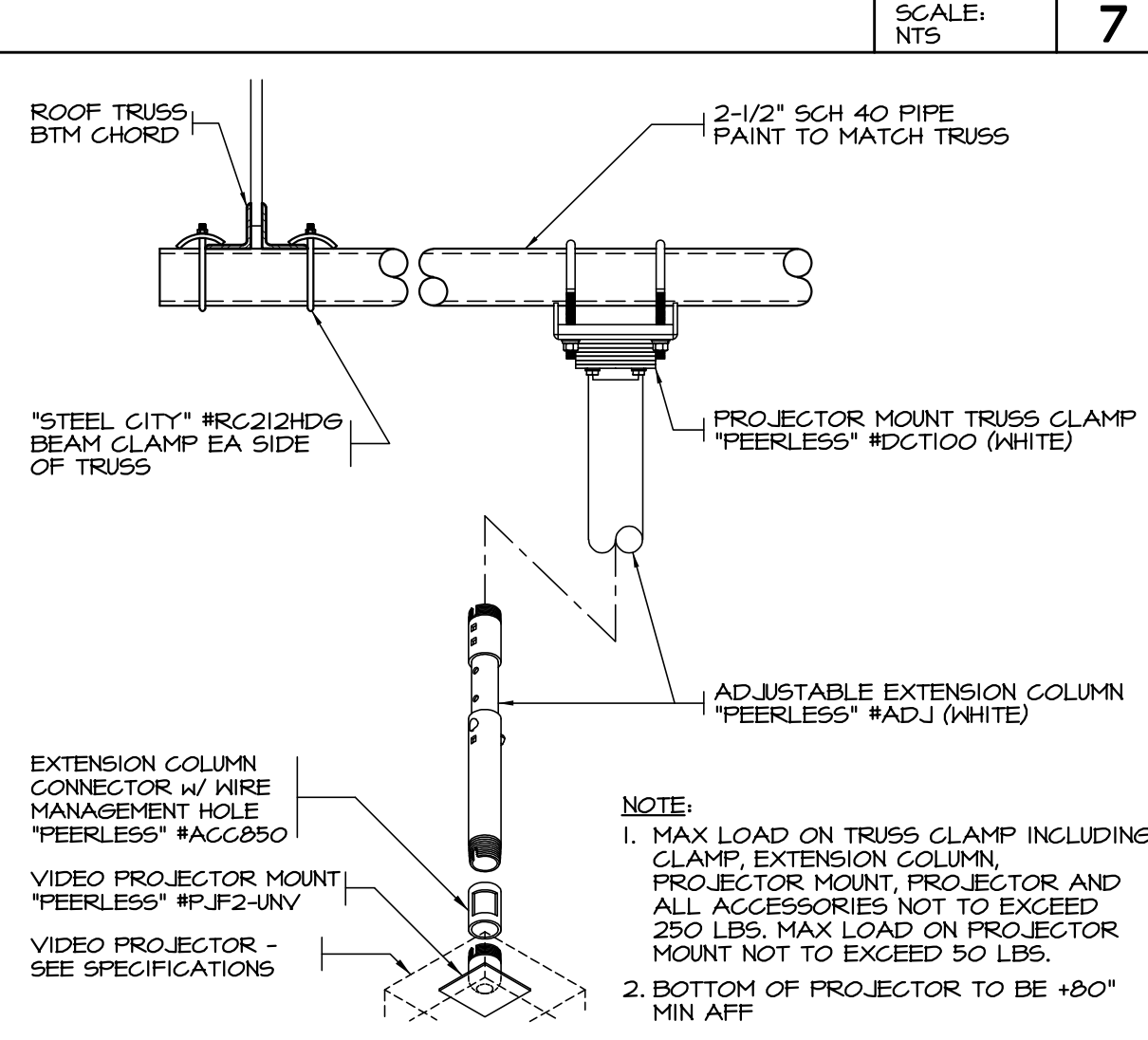
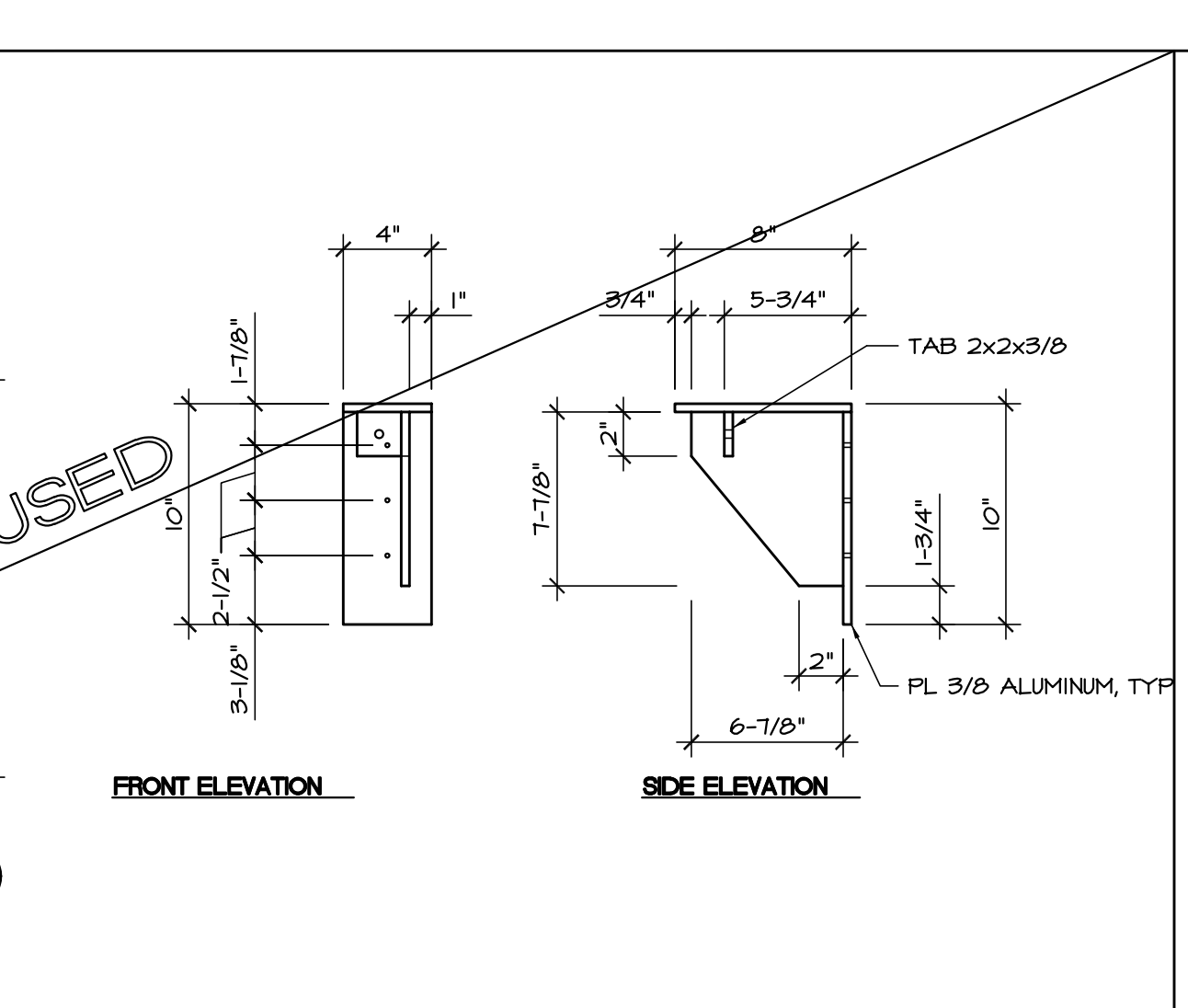
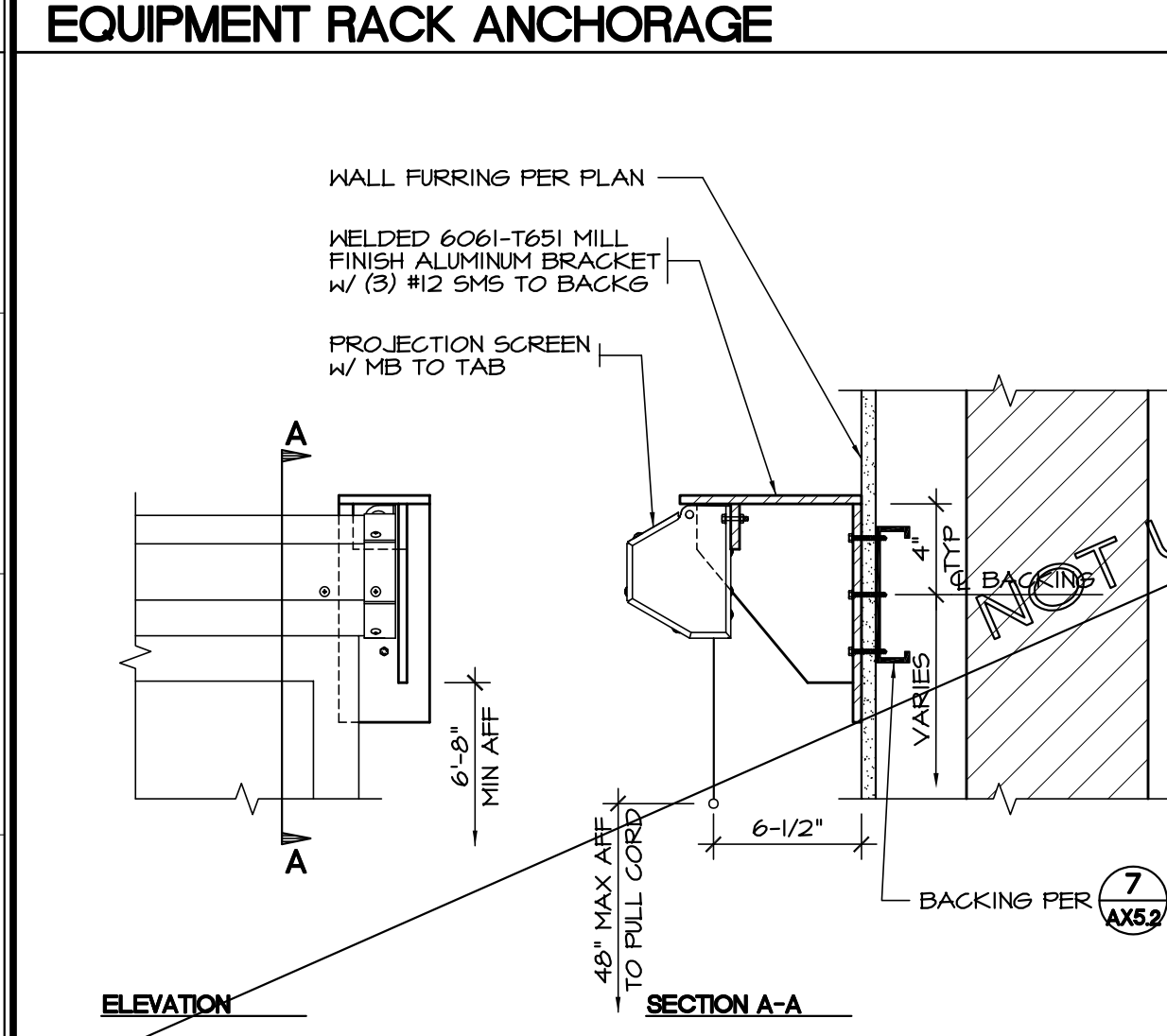
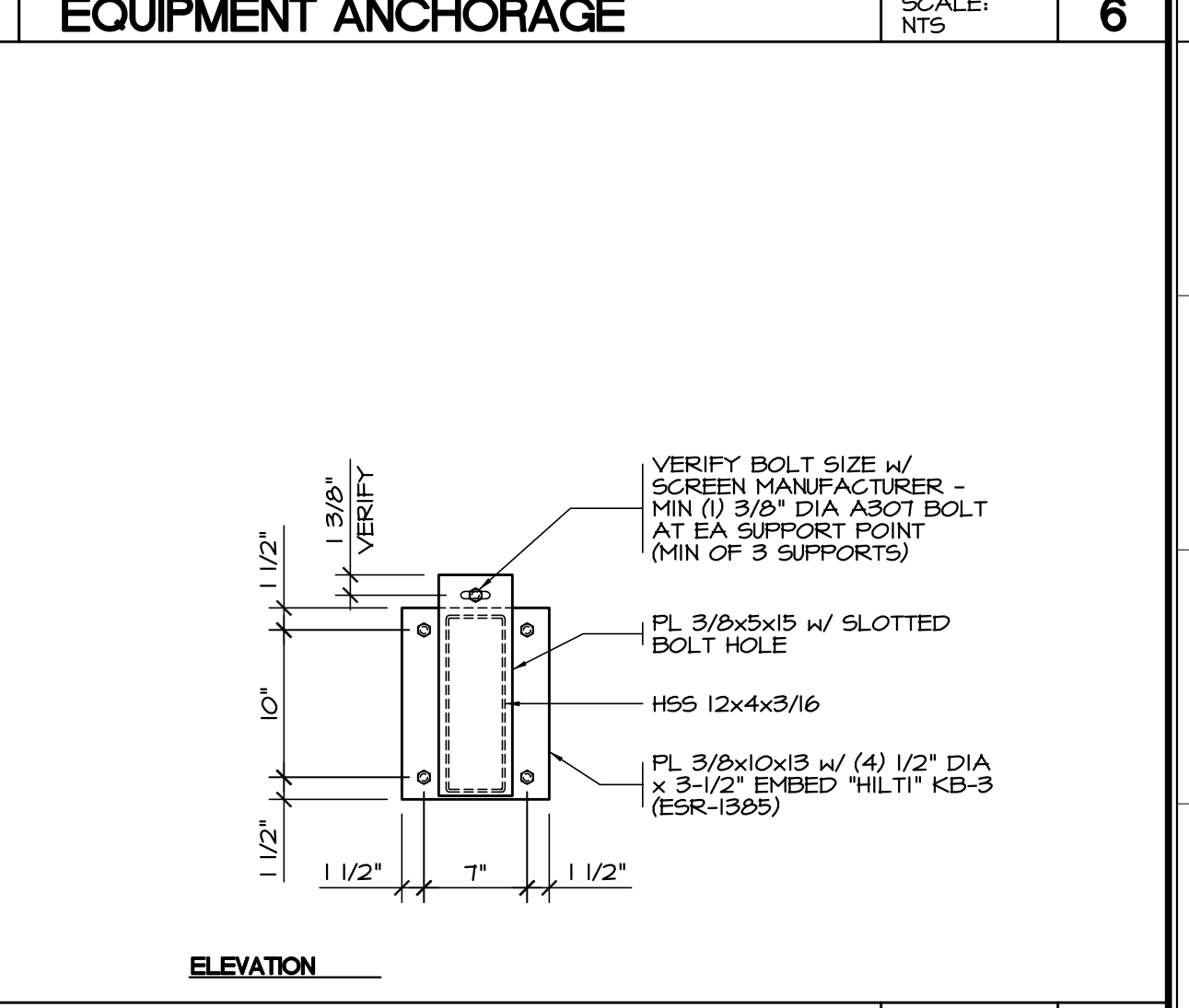
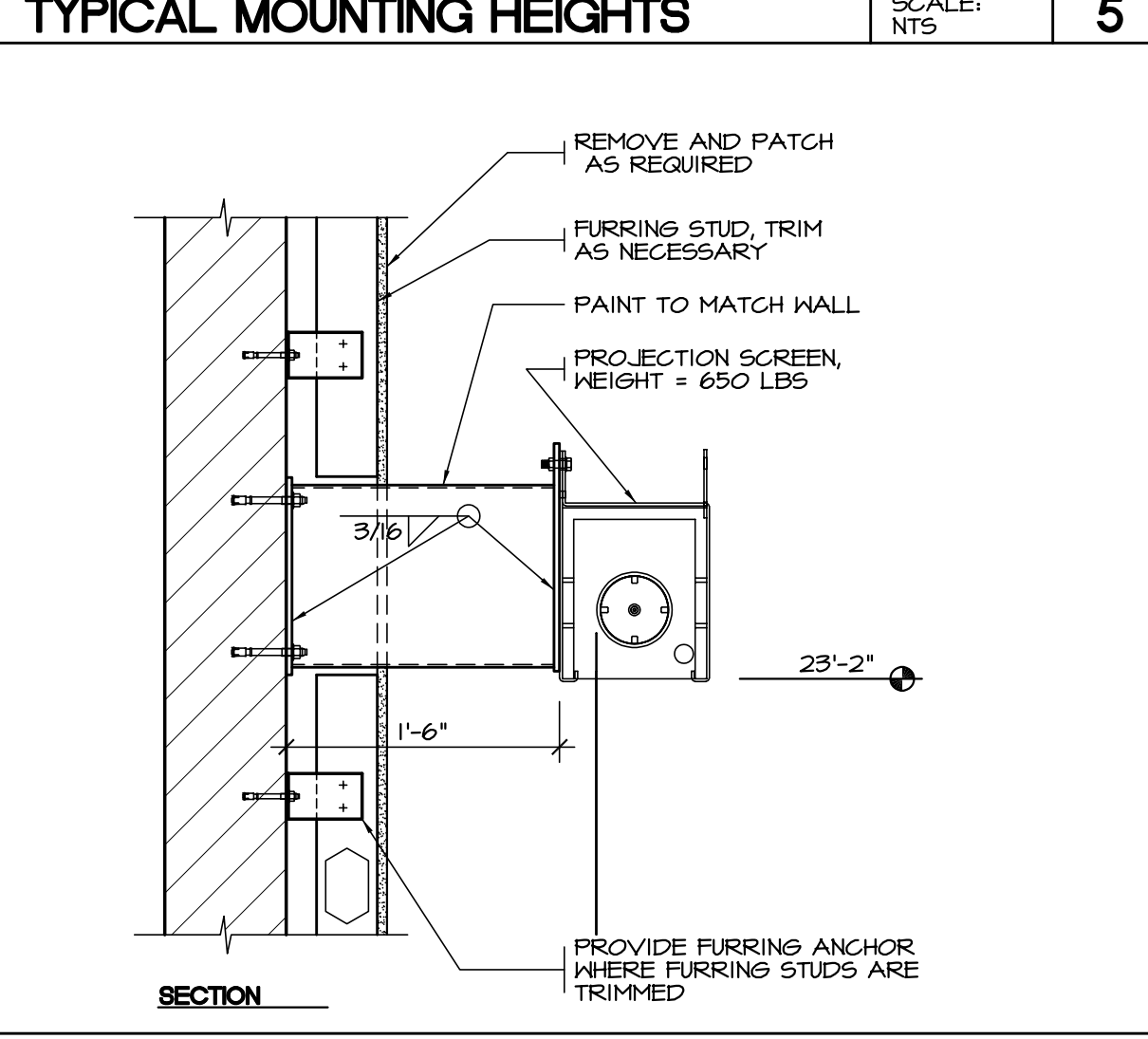
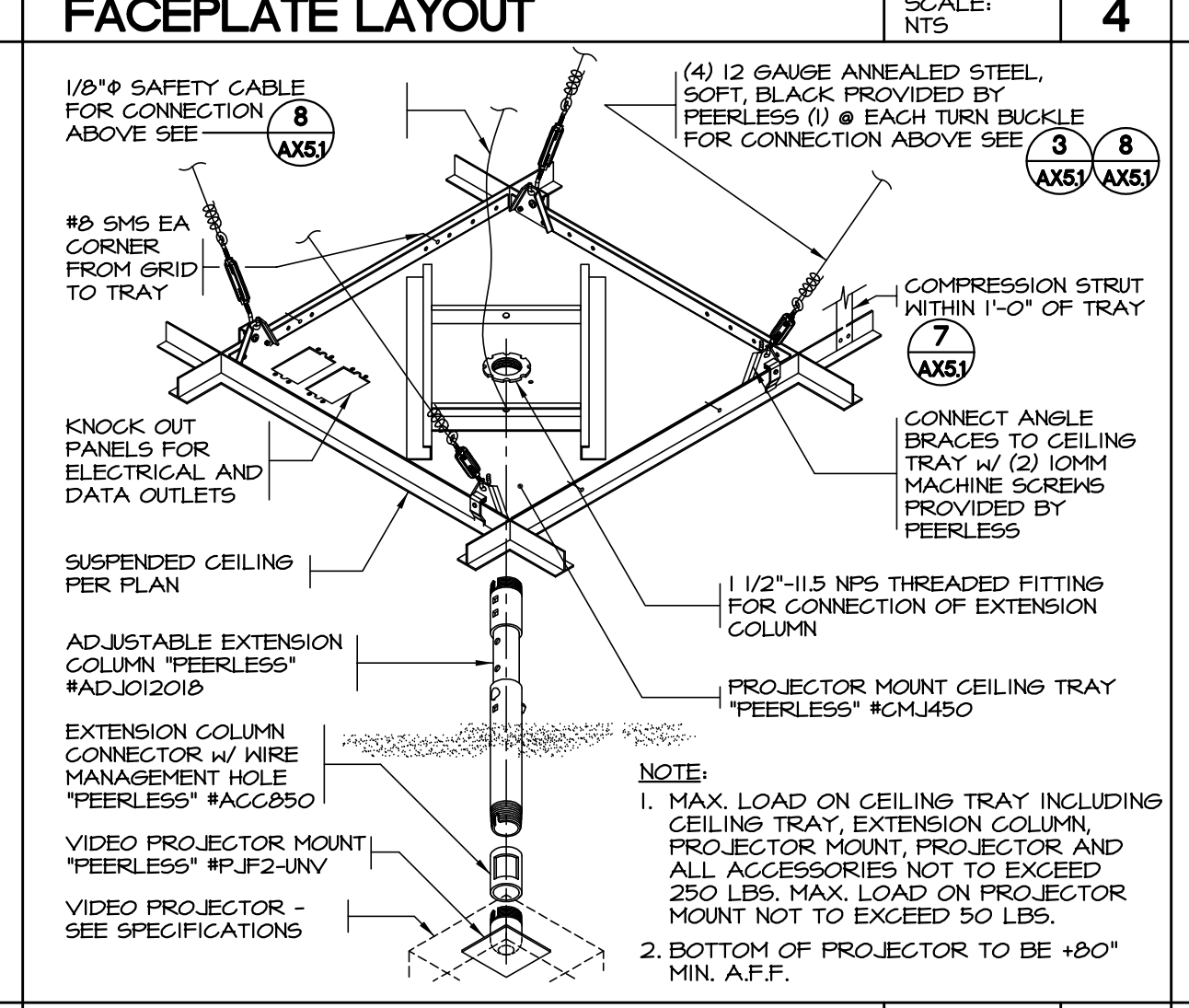
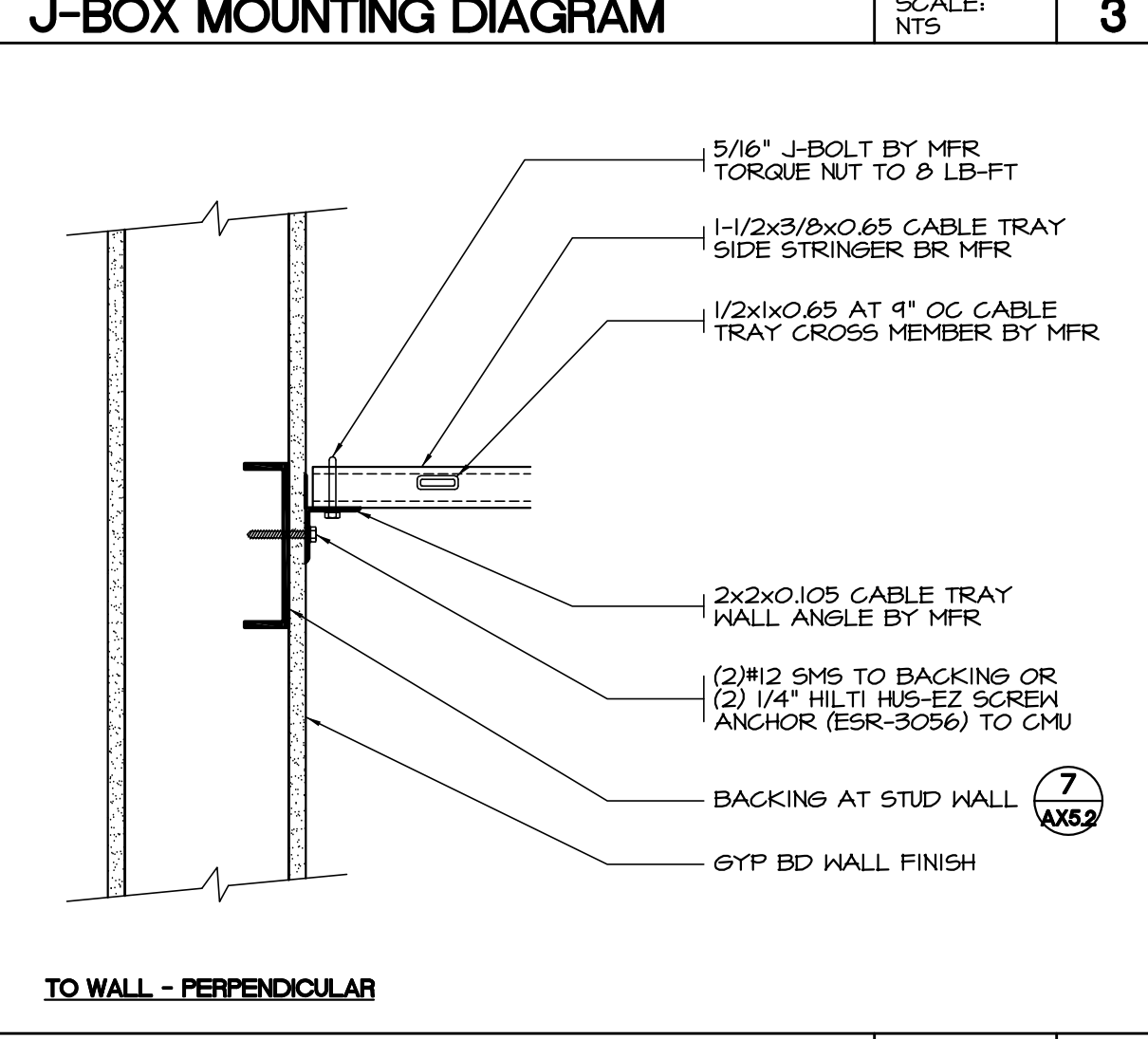
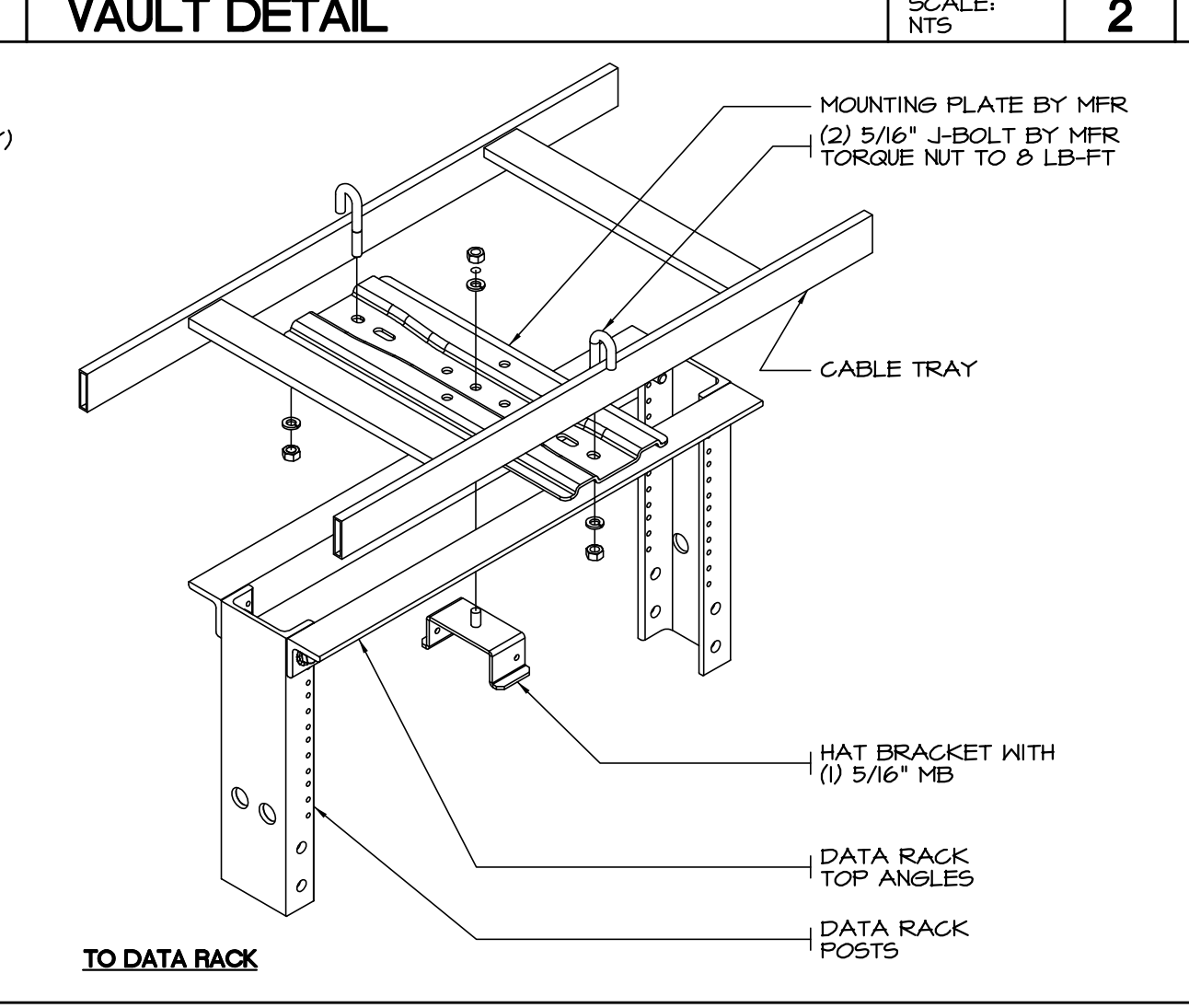
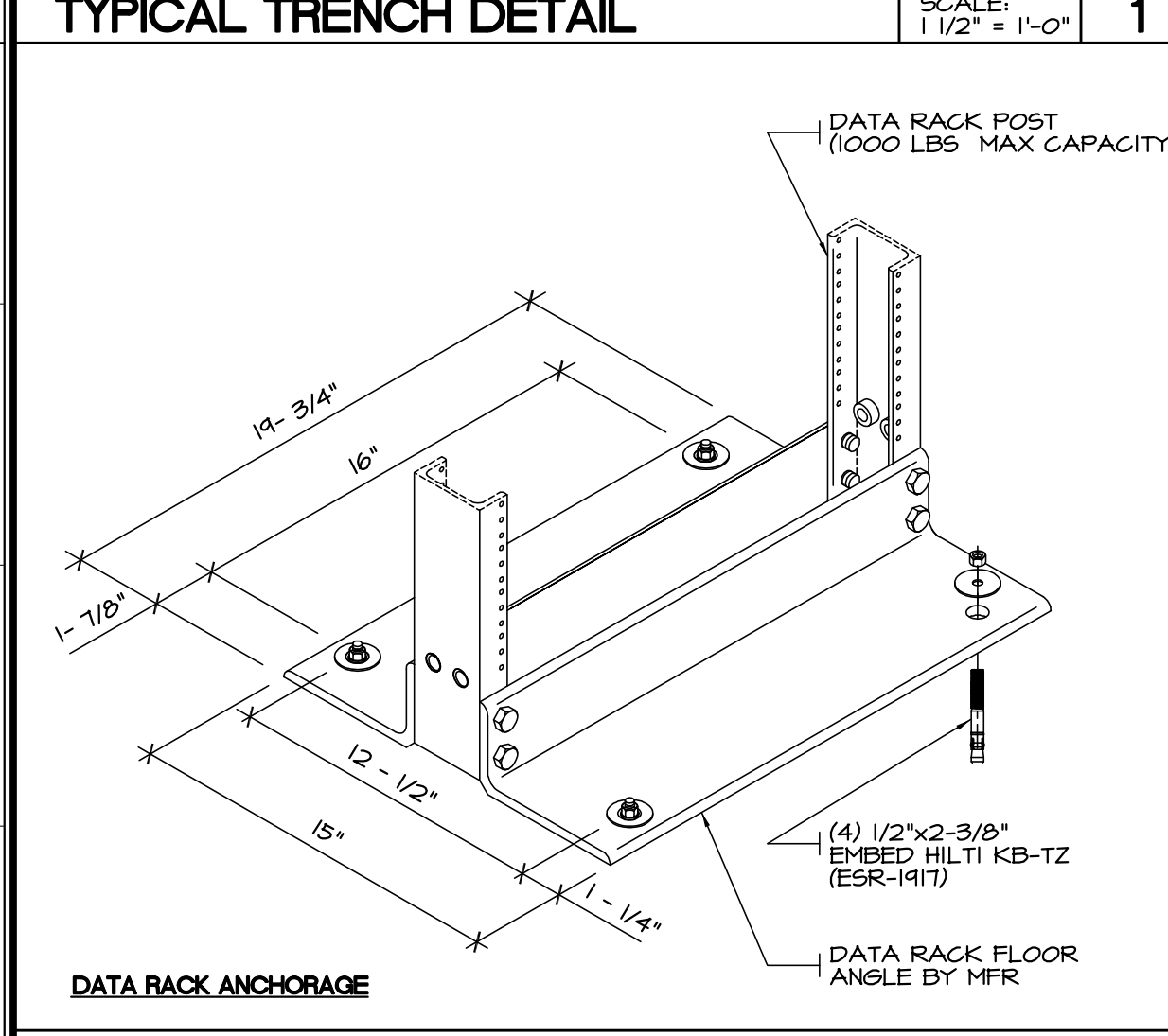
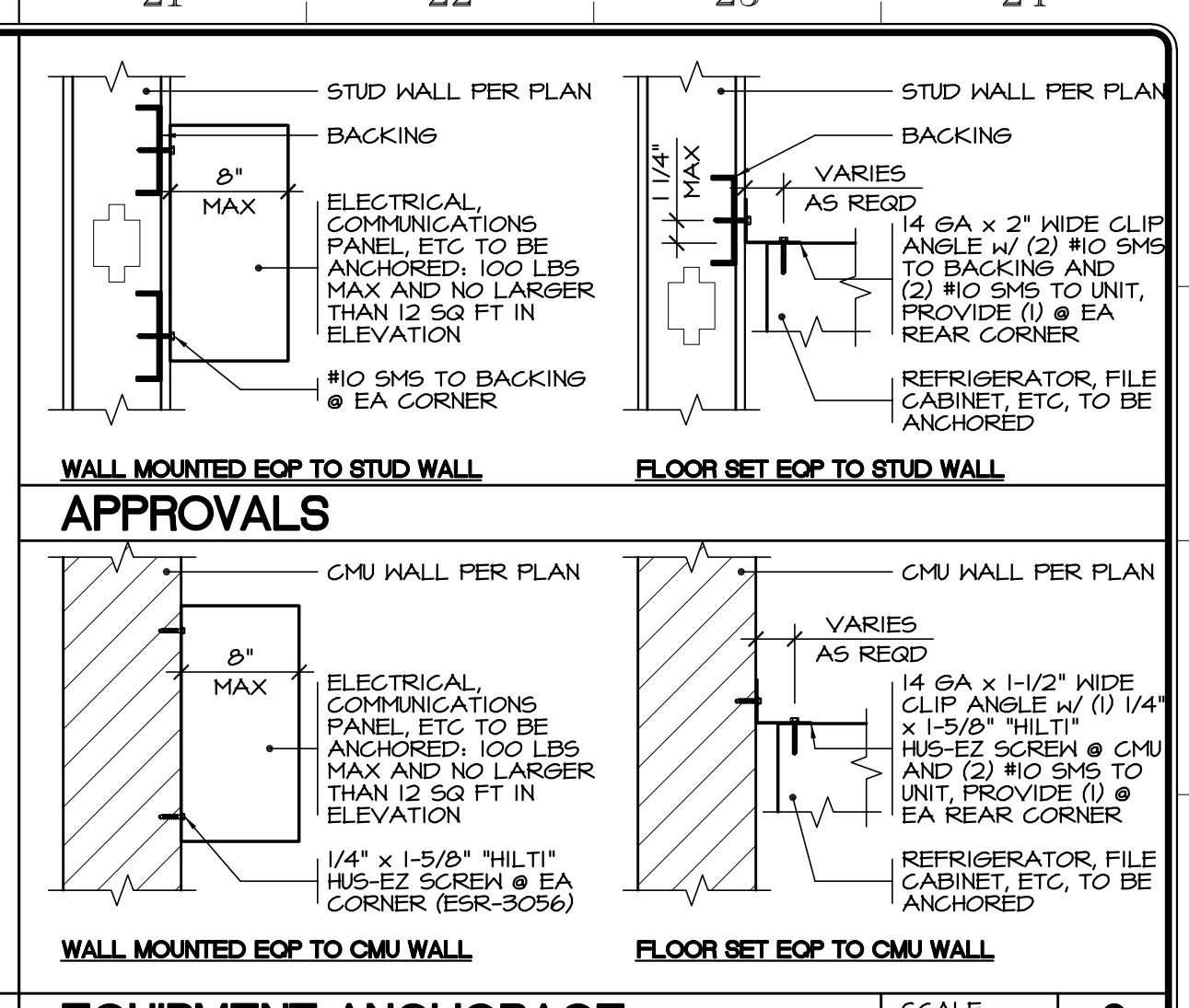
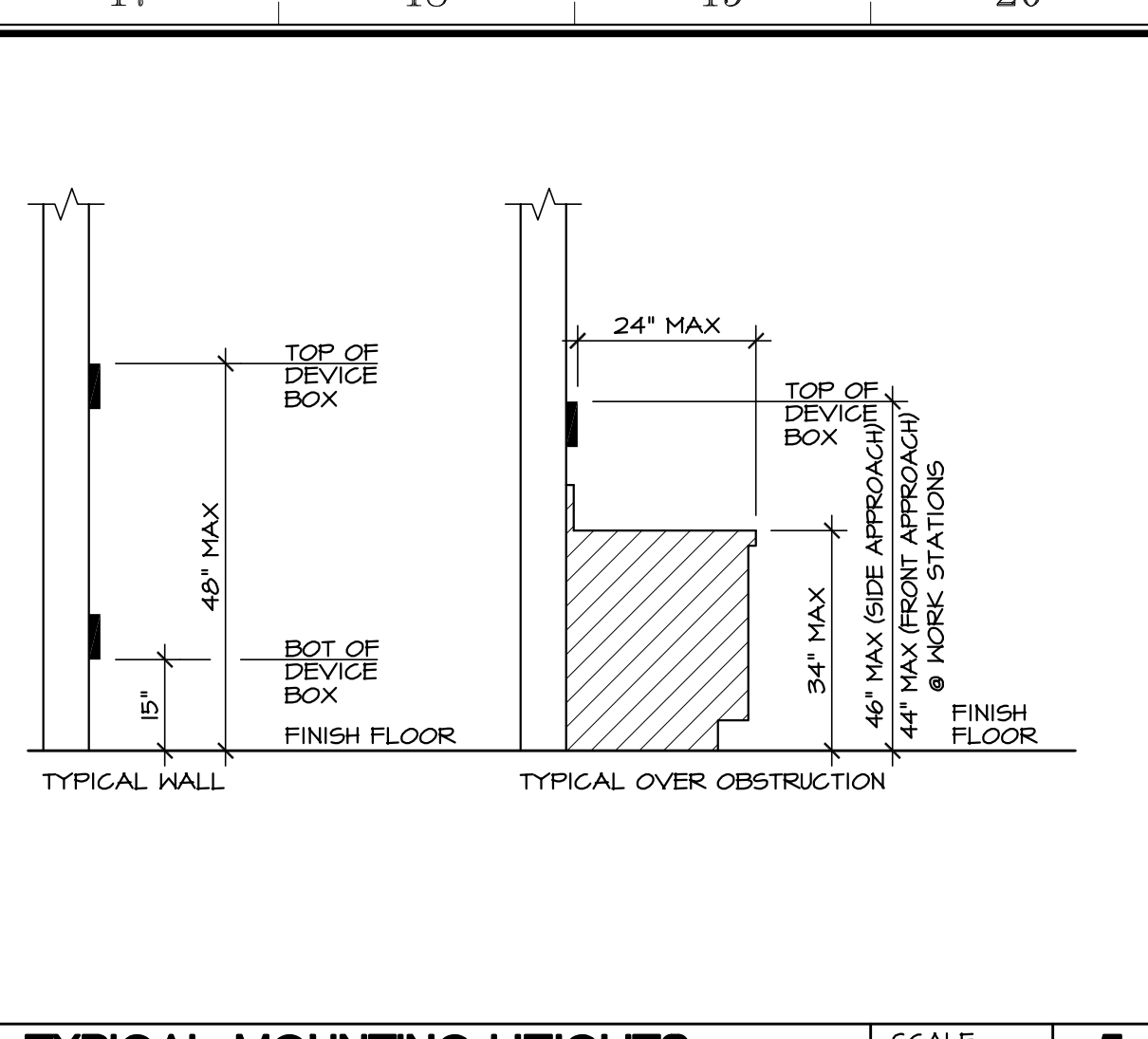
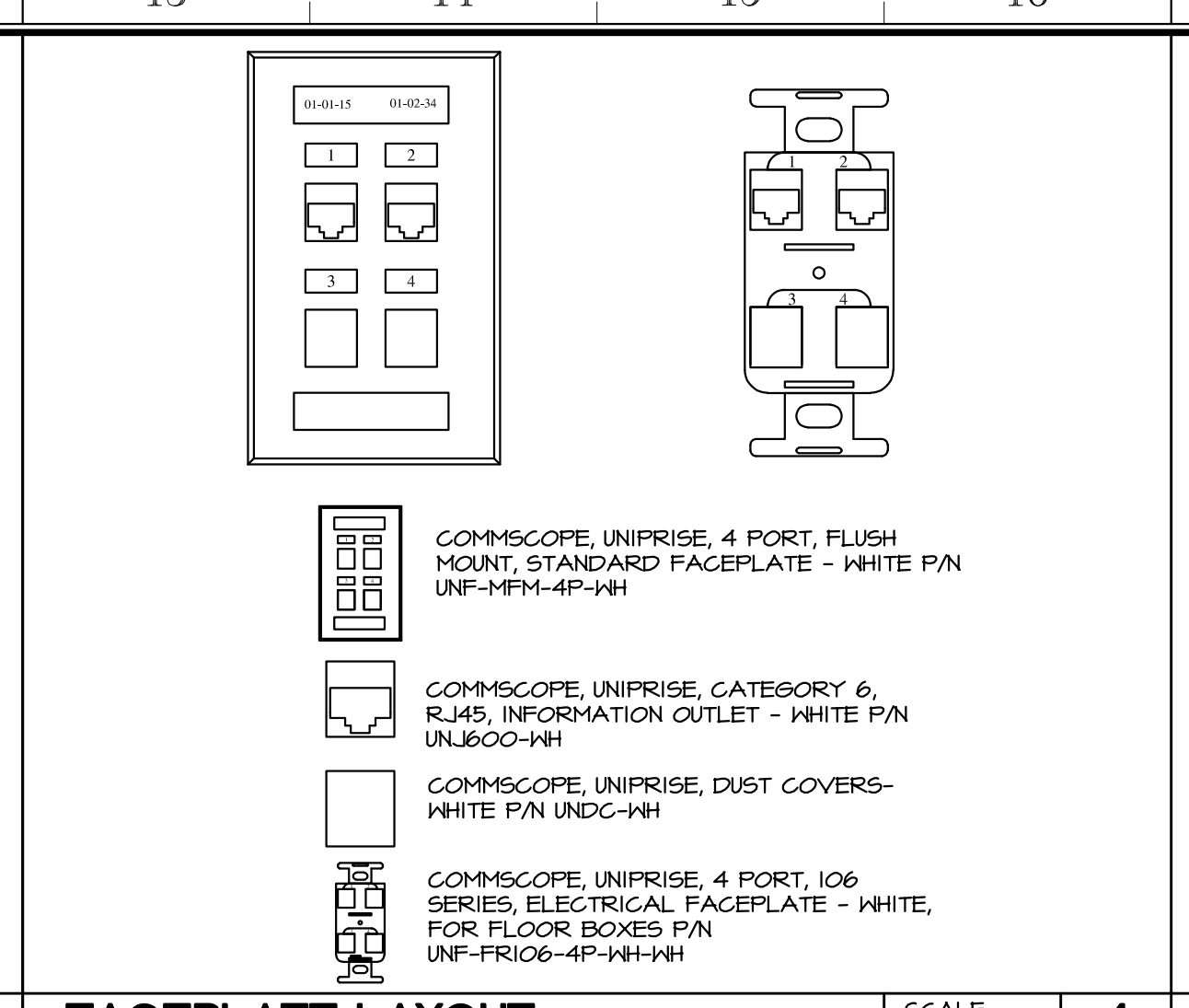
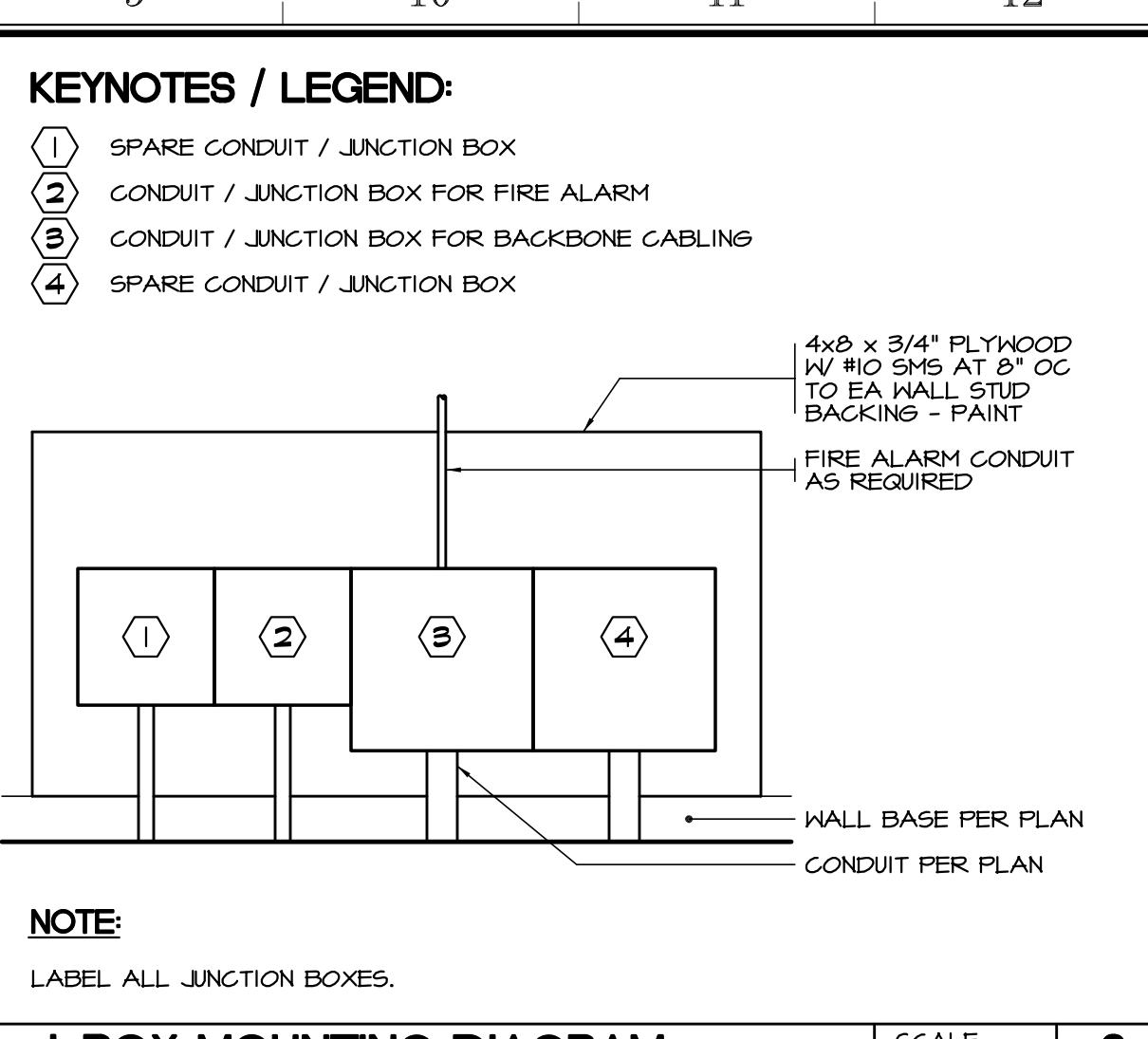
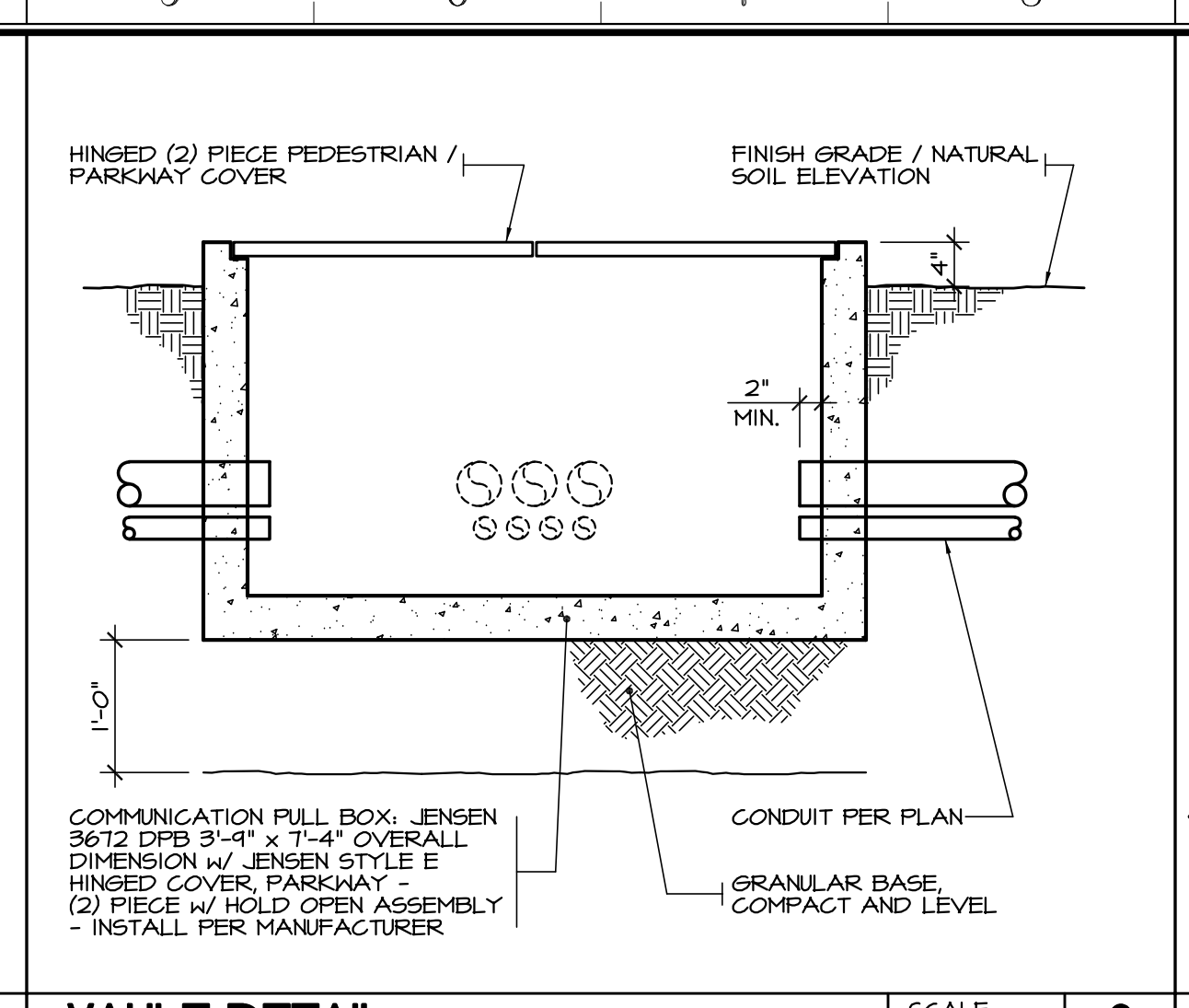
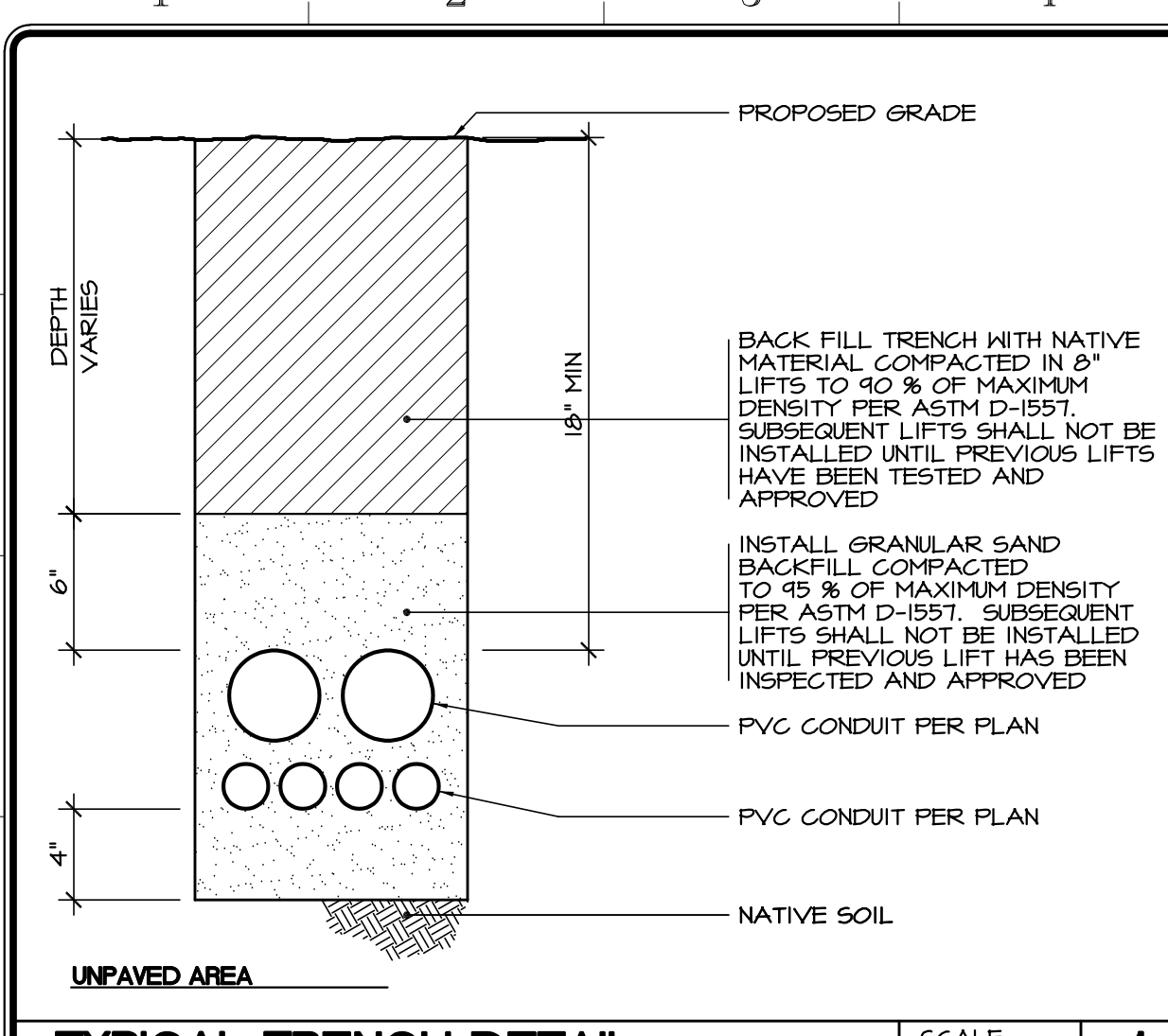
Sheet Title  
**COMMUNICATIONS SITE PLAN - Q4**

	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		CM0.4

SCALE: 1" = 40'-0"







**Sanders, INC.**  
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**COMMUNICATIONS DETAILS**

Document Date  
 11-17-23

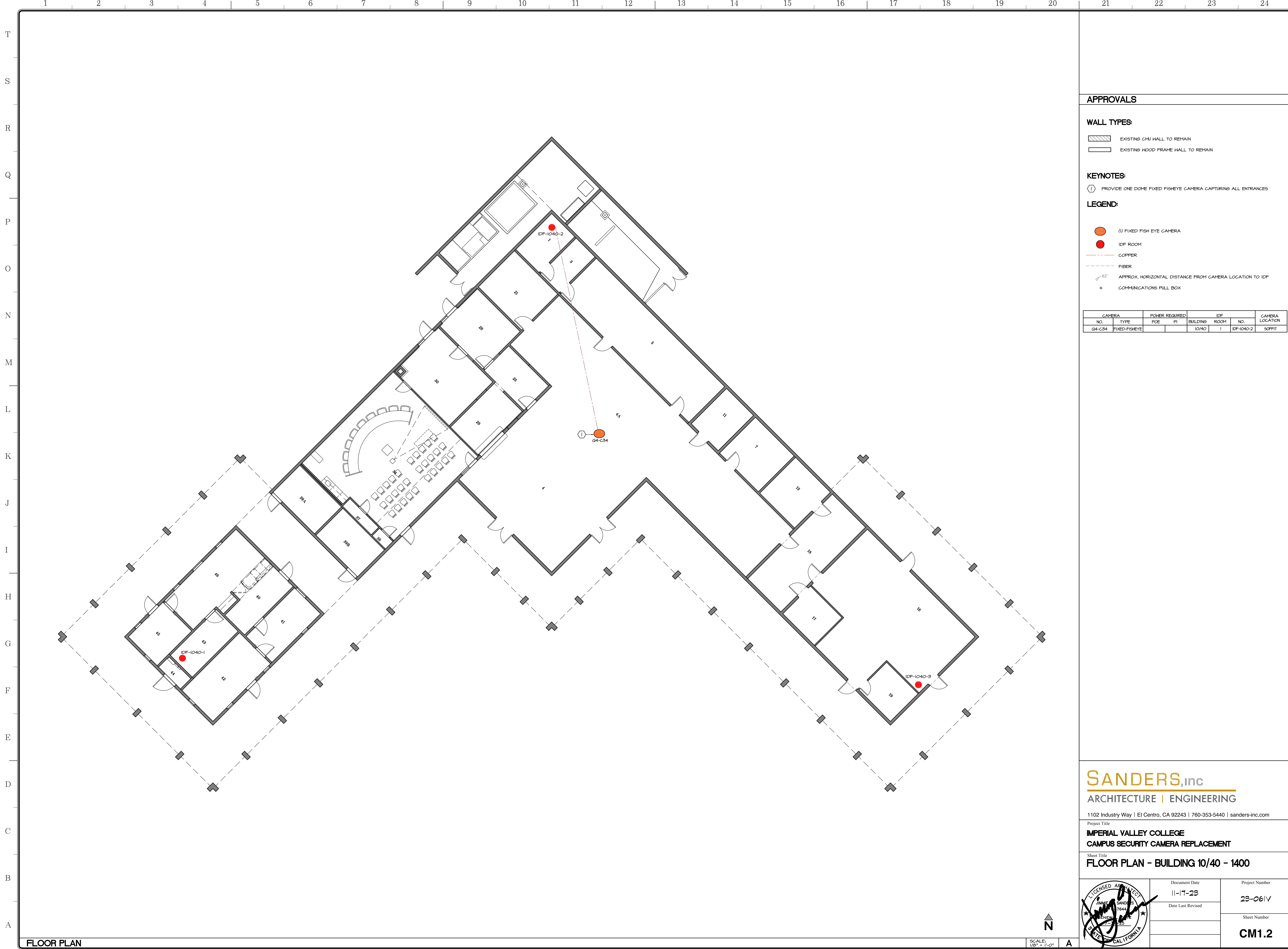
Date Last Revised

Project Number  
 23-061V

Sheet Number  
**CM0.5**

LICENSED ARCHITECT  
 JAMES SANDERS  
 7641  
 11/17/23  
 STATE OF CALIFORNIA





**APPROVALS**


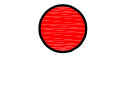

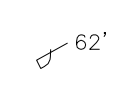
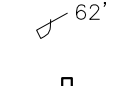

**WALL TYPES:**

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

**KEYNOTES:**

-  PROVIDE ONE DOME FIXED FISHEYE CAMERA CAPTURING ALL ENTRANCES

**LEGEND:**

-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX

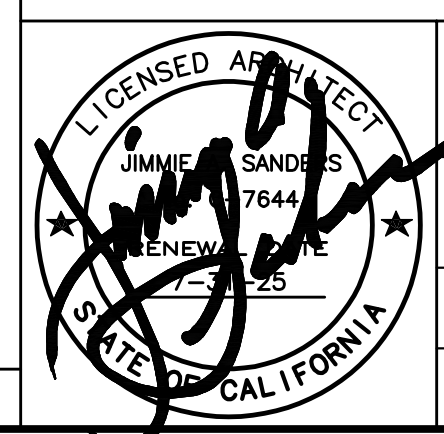
CAMERA		POWER REQUIRED		IDF		CAMERA LOCATION	
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	SOFFIT
G4-C34	FIXED-FISHEYE			10/40	1	IDF-1040-2	

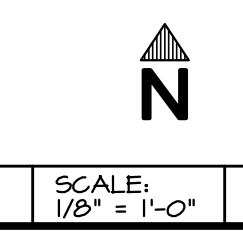
**SANDERS, inc**  
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

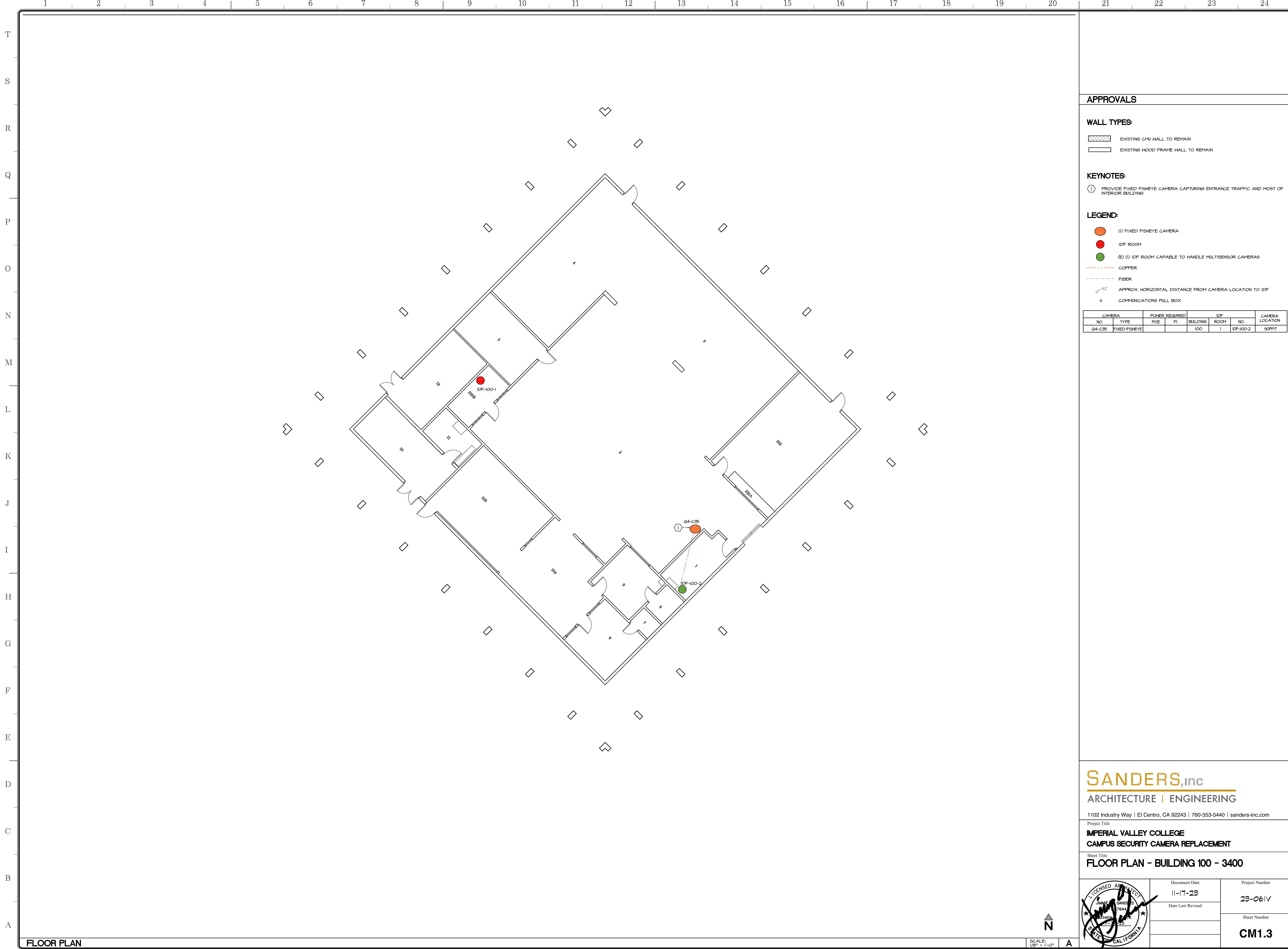
Sheet Title  
**FLOOR PLAN - BUILDING 10/40 - 1400**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.2



FLOOR PLAN





**APPROVALS**

**WALL TYPES:**

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

**KEYNOTES:**

- PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING

**LEGEND:**

- (I) FIXED FISHEYE CAMERA
- IDF ROOM
- (E) (I) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS PULL BOX

CAMERA		POWER REQUIRED		IDF		CAMERA
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.
G4-C35	FIXED-FISHEYE			100	I	IDF-100-2
						SOFFIT

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

Sheet Title  
**FLOOR PLAN - BUILDING 100 - 3400**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.3</b>

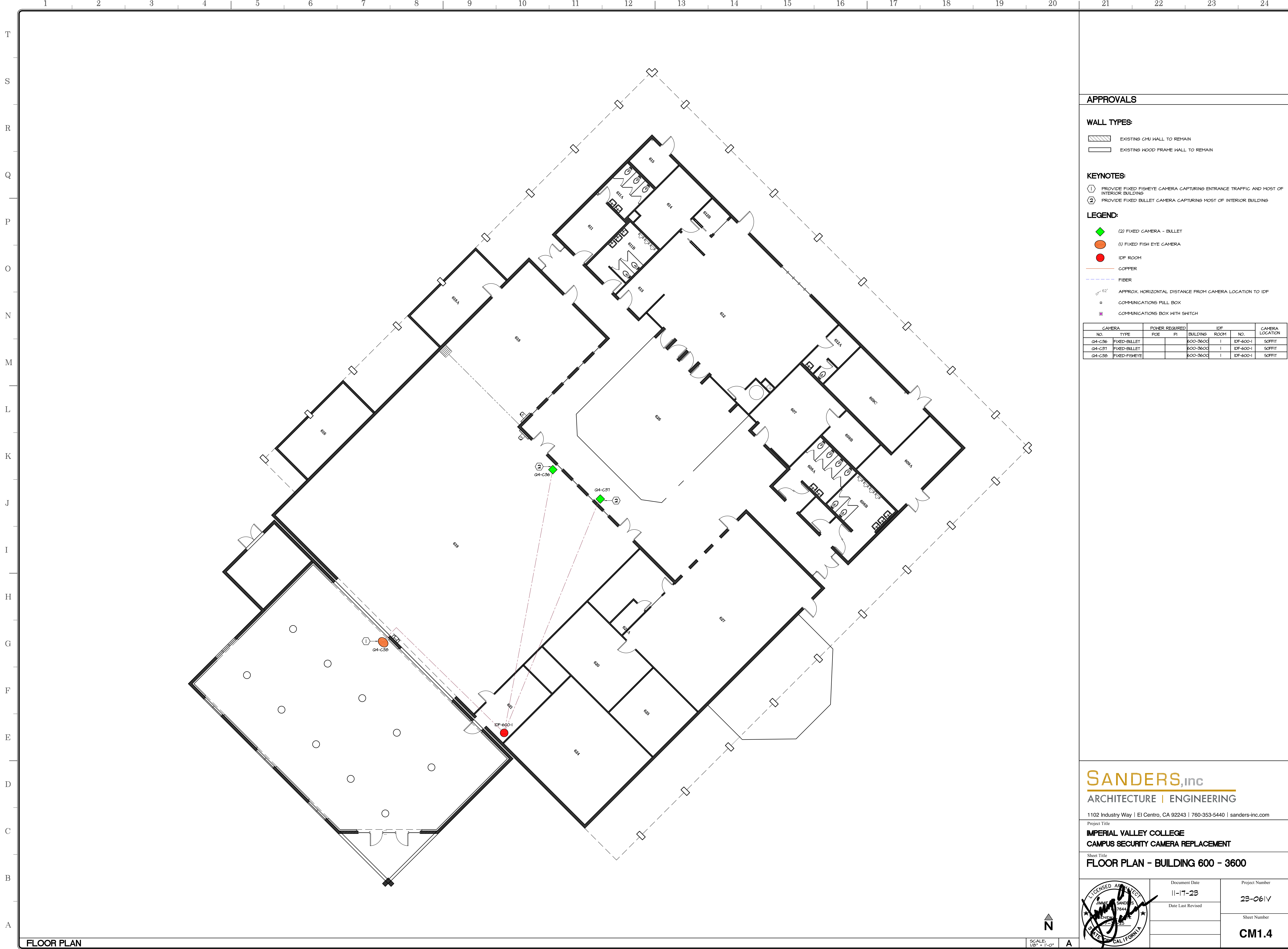
FLOOR PLAN

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



A





**APPROVALS**

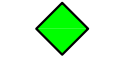



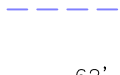

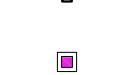
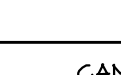
**WALL TYPES:**

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

**KEYNOTES:**

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING
- ② PROVIDE FIXED BULLET CAMERA CAPTURING MOST OF INTERIOR BUILDING

**LEGEND:**

-  (2) FIXED CAMERA - BULLET
-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

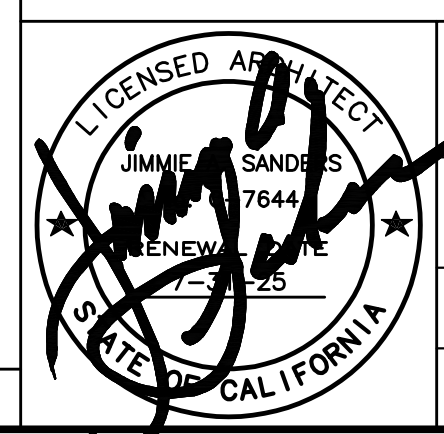
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		POE	PI	BUILDING	ROOM	
04-C36	FIXED-BULLET			600-3600	1	IDF-600-1 SOFFIT
04-C37	FIXED-BULLET			600-3600	1	IDF-600-1 SOFFIT
04-C38	FIXED-FISHEYE			600-3600	1	IDF-600-1 SOFFIT

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

Sheet Title  
**FLOOR PLAN - BUILDING 600 - 3600**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.4</b>

FLOOR PLAN

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







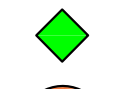
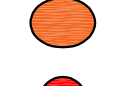
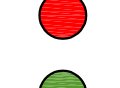
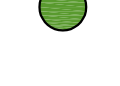


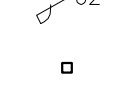

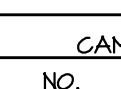
**APPROVALS**

-  EXISTING CMU WALL TO REMAIN
-  EXISTING WOOD FRAME HALL 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

**LEGEND:**

-  (2) FIXED CAMERA - BULLET
-  (1) FIXED FISHEYE CAMERA
-  IDF ROOM
-  (E) (2) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS FULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

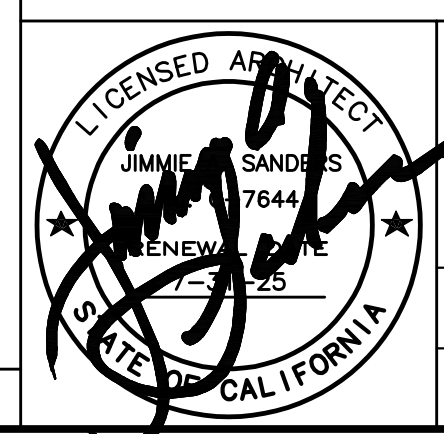
CAMERA NO.	CAMERA TYPE	POWER REQUIRED	POE	FI	BUILDING	IDF ROOM NO.	IDF NO.	CAMERA LOCATION
03-C21	FIXED-BULLET				700	2	IDF-100-2	SOFFIT
03-C22	FIXED-BULLET				700	104	IDF-100-1	SOFFIT
03-C23	FIXED-BULLET				700	104	IDF-100-1	SOFFIT
03-C24	FIXED-FISHEYE				700	2	IDF-100-2	

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

Sheet Title  
**FLOOR PLAN - BUILDING 700 - 3700**

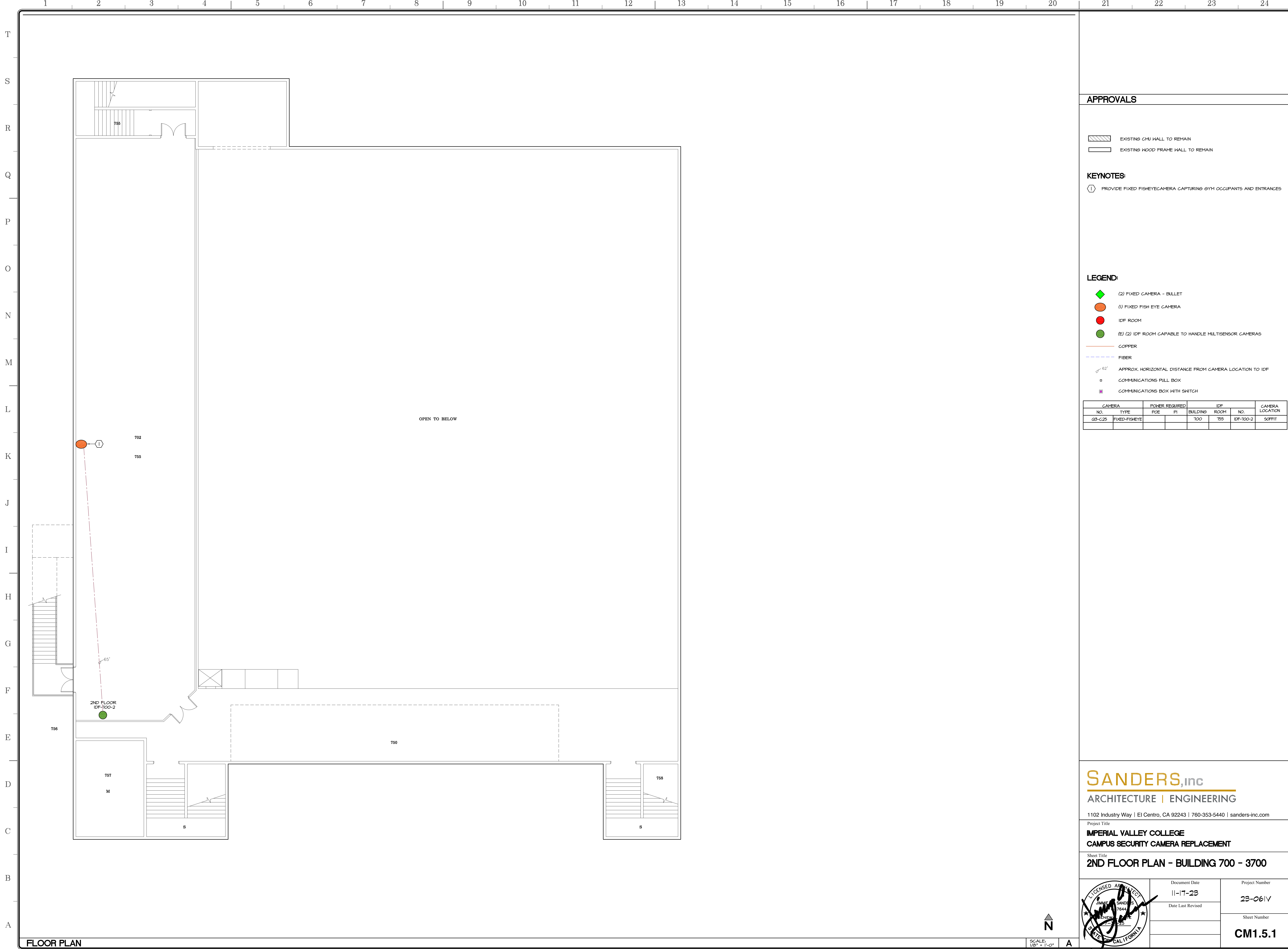
	Document Date	Project Number
	11-17-23	23-061V
	Date Last Revised	Sheet Number
		<b>CM1.5</b>

FLOOR PLAN

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










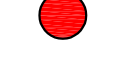




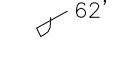
**APPROVALS**

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

**KEYNOTES:**

-  PROVIDE FIXED FISHEYE CAMERA CAPTURING GYM OCCUPANTS AND ENTRANCES

**LEGEND:**

-  (2) FIXED CAMERA - BULLET
-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  (E) (2) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

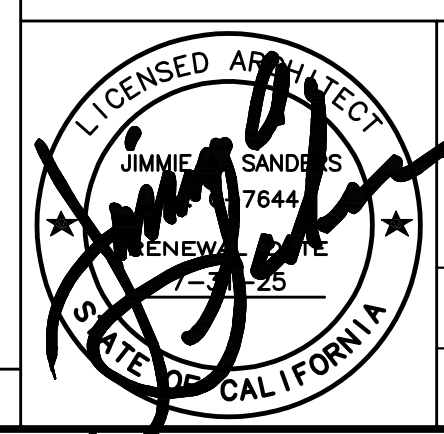
CAMERA		POWER REQUIRED		IDF		CAMERA LOCATION	
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	LOCATION
03-C25	FIXED-FISHEYE			700	755	IDF-100-2	SOFFIT

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

Sheet Title  
**2ND FLOOR PLAN - BUILDING 700 - 3700**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.5.1

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









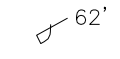


**APPROVALS**

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

**KEYNOTES:**

-  PROVIDE VIEWING STATION

**LEGEND:**

-  IDF ROOM
-  (E) (I) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

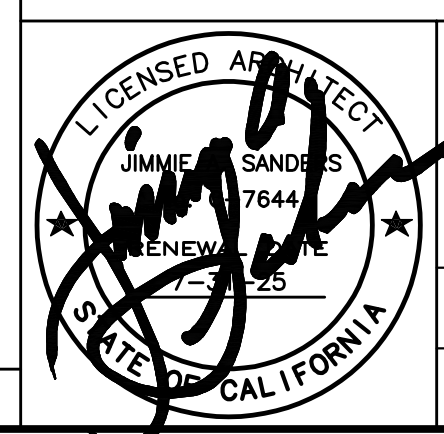
CAMERA NO.	CAMERA TYPE	POWER REQUIRED		IDF			CAMERA LOCATION
		POE	PI	BUILDING	ROOM	NO.	

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

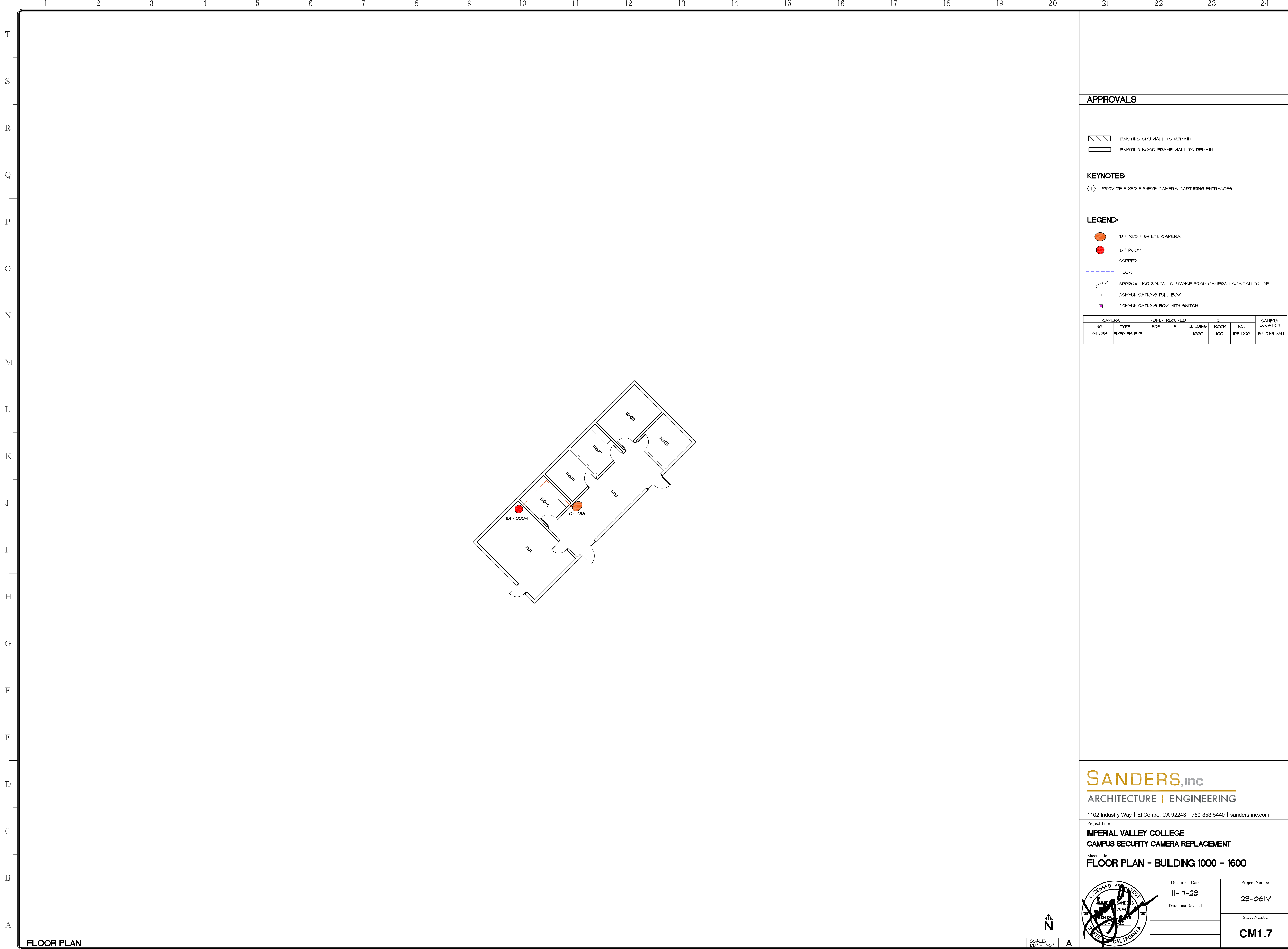
Sheet Title  
**FLOOR PLAN - BUILDING 900 - 1500**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.6

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






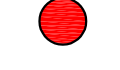





**APPROVALS**

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

**KEYNOTES:**

-  PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCES

**LEGEND:**

-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS FULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

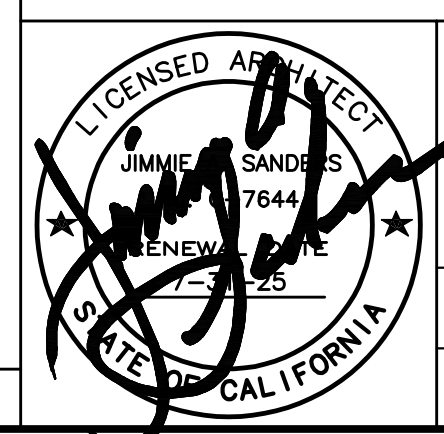
CAMERA NO.	CAMERA TYPE	POWER REQUIRED		BUILDING	ROOM	IDF NO.	CAMERA LOCATION
		POE	PI				
G4-C30	FIXED-FISHEYE			1000	1001	IDF-1000-1	BUILDING HALL

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

Sheet Title  
**FLOOR PLAN - BUILDING 1000 - 1600**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.7

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

FLOOR PLAN





**APPROVALS**

**WALL TYPES:**

- EXISTING CMU WALL TO REMAIN
- EXISTING WOOD 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

**LEGEND:**

- (1) MULTISENSOR CAMERA
- (1) FIXED CAMERA - BULLET
- (2) FIXED FISH EYE CAMERA
- IDF ROOM
- (E) (1) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- 62' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS FULL BOX
- COMMUNICATIONS BOX WITH SWITCH

CAMERA NO.	CAMERA TYPE	POWER REQUIRED		BUILDING	IDF ROOM	IDF NO.	CAMERA LOCATION
		POE	FI				
Q2-C21	MULTISENSOR			1500	1510	IDF-500-2	SOFFIT
Q2-C28	MULTISENSOR			1500	1510	IDF-500-2	SOFFIT
Q2-C24	MULTISENSOR			1500	1510	IDF-500-2	SOFFIT
Q2-C30	FIXED-FISHEYE			1500	1528	IDF-500-3	SOFFIT

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

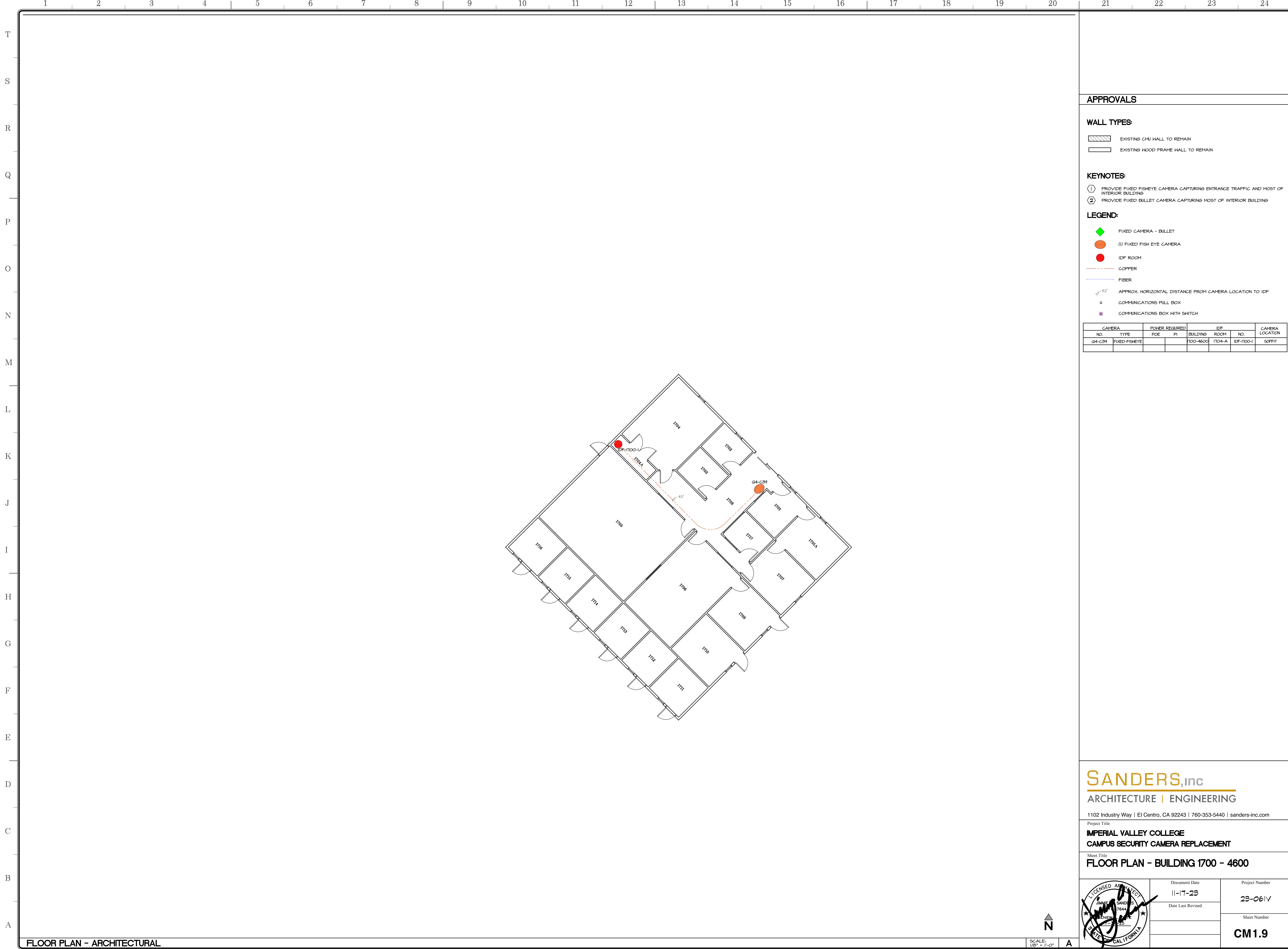
Sheet Title  
**FLOOR PLAN - BUILDING 1500 - 5500**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.8</b>

FLOOR PLAN

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





**APPROVALS**

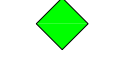
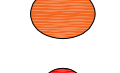
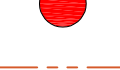

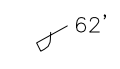
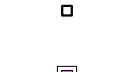

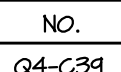
**WALL TYPES:**

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

**KEYNOTES:**

- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING
- ② PROVIDE FIXED BULLET CAMERA CAPTURING MOST OF INTERIOR BUILDING

**LEGEND:**

-  FIXED CAMERA - BULLET
-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

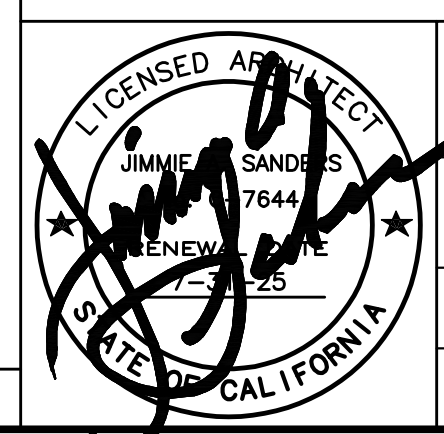
CAMERA NO.	CAMERA TYPE	POWER REQUIRED		IDF			CAMERA LOCATION
		POE	PI	BUILDING	ROOM	NO.	
G4-C34	FIXED-FISHEYE			1700-4600	1704-A	IDF-1700-1	SOFFIT

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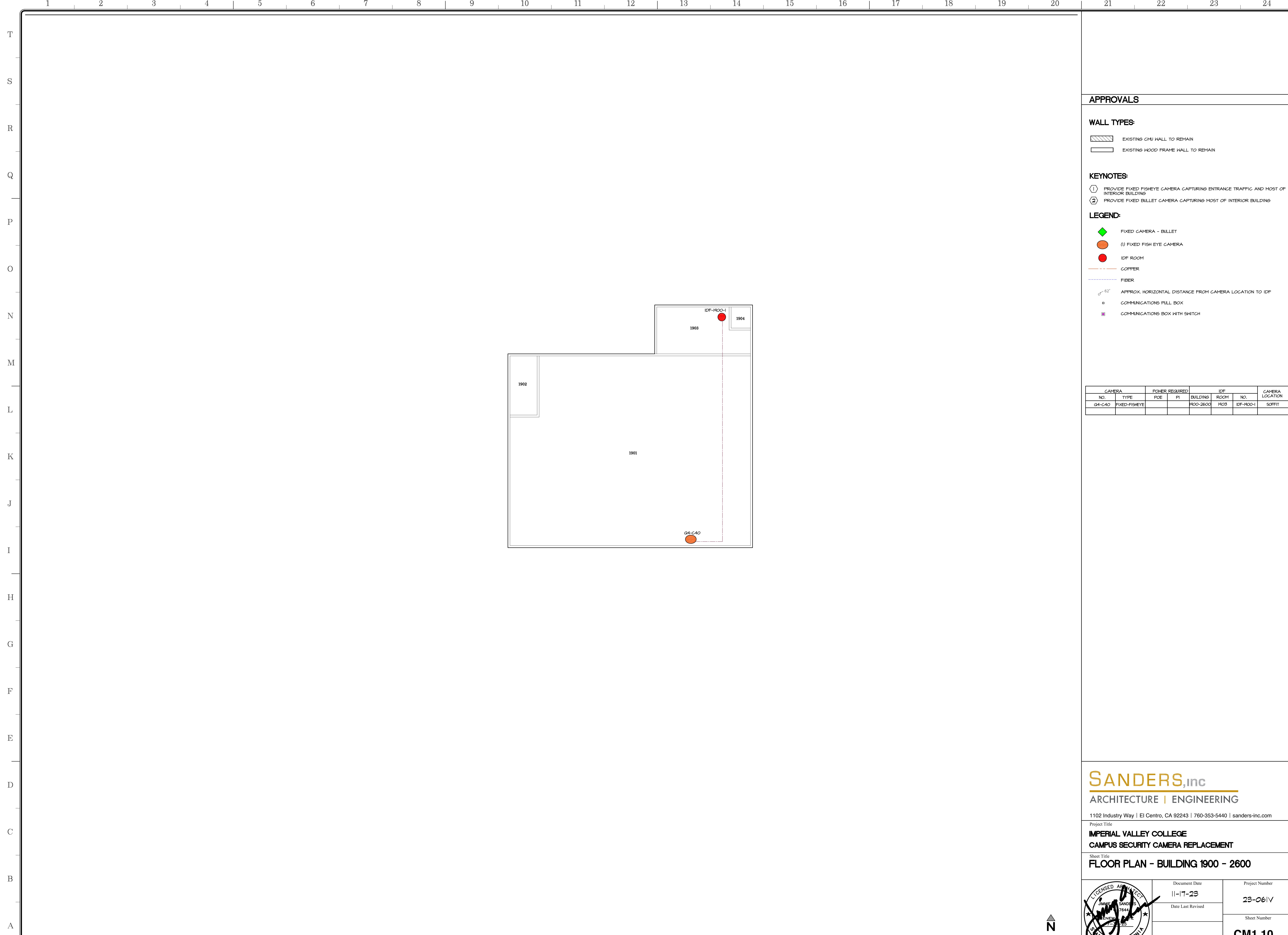
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**



Sheet Title  
**FLOOR PLAN - BUILDING 1700 - 4600**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.9</b>

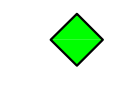
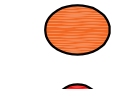










**APPROVALS**

- WALL TYPES:**
-  EXISTING CMU WALL TO REMAIN
  -  EXISTING WOOD FRAME WALL TO REMAIN

- KEYNOTES:**
- ① PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE TRAFFIC AND MOST OF INTERIOR BUILDING
  - ② PROVIDE FIXED BULLET CAMERA CAPTURING MOST OF INTERIOR BUILDING


- LEGEND:**
-  FIXED CAMERA - BULLET
  -  (1) FIXED FISH EYE CAMERA
  -  IDF ROOM
  -  COPPER
  -  FIBER
  -  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
  -  COMMUNICATIONS PULL BOX
  -  COMMUNICATIONS BOX WITH SWITCH

CAMERA NO.	CAMERA TYPE	POWER REQUIRED		BUILDING	IDF ROOM NO.	CAMERA LOCATION
		PCE	PI			
G4-C40	FIXED-FISHEYE			H00-2600	R03	IDF-R00-1 SOFFIT

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

Sheet Title  
**FLOOR PLAN - BUILDING 1900 - 2600**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.10</b>





**APPROVALS**

**WALL TYPES:**

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

**KEYNOTES:**

- PROVIDE FIXED FISHEYE CAMERA CAPTURING BUILDING HALLWAYS TRAFFIC

**LEGEND:**

- FIXED CAMERA - BULLET
- (F) FIXED FISH EYE CAMERA
- IDP ROOM
- COPPER
- FIBER
- 62' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDP
- COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

CAMERA NO.	CAMERA TYPE	POWER REQUIRED		IDP		CAMERA LOCATION
		POE	PI	BUILDING	ROOM	
G4-C41	FIXED-BULLET			2100-5300	I	IDP-2100-1 SOFFIT

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

Sheet Title  
**FLOOR PLAN - BUILDING 2100 - 5300**

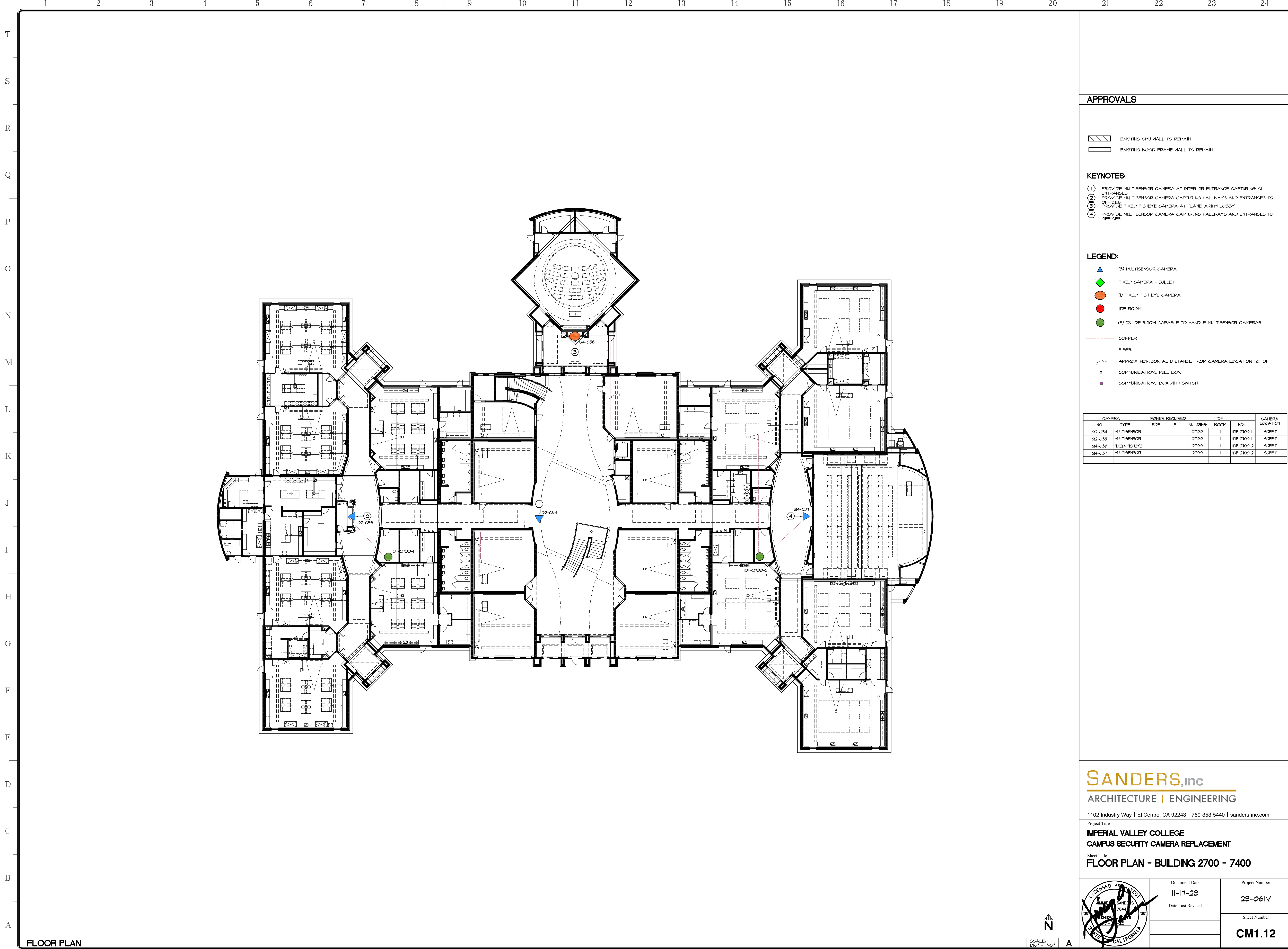
	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.11

FLOOR PLAN

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














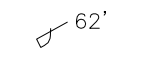


**APPROVALS**

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

**KEYNOTES:**

- ① PROVIDE MULTISENSOR CAMERA AT INTERIOR ENTRANCE CAPTURING ALL ENTRANCES
- ② PROVIDE MULTISENSOR CAMERA CAPTURING HALLWAYS AND ENTRANCES TO OFFICES
- ③ PROVIDE FIXED FISHEYE CAMERA AT PLANETARIUM LOBBY
- ④ PROVIDE MULTISENSOR CAMERA CAPTURING HALLWAYS AND ENTRANCES TO OFFICES

**LEGEND:**

-  (3) MULTISENSOR CAMERA
-  FIXED CAMERA - BULLET
-  (1) FIXED FISH EYE CAMERA
-  IDF ROOM
-  (E) (2) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

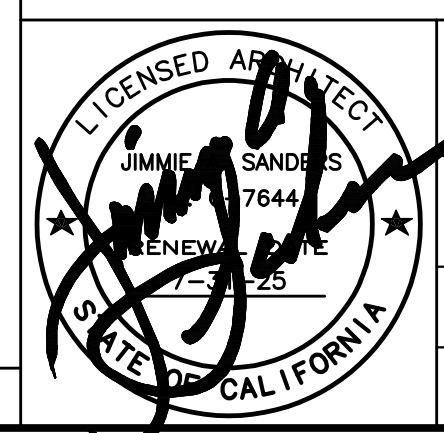
CAMERA NO.	CAMERA TYPE	POWER REQUIRED		IDF		CAMERA LOCATION
		POE	PI	BUILDING	ROOM	
G2-C34	MULTISENSOR			2700	I	IDF-2100-1
G2-C35	MULTISENSOR			2700	I	IDF-2100-1
G4-C36	FIXED-FISHEYE			2700	I	IDF-2100-2
G4-C37	MULTISENSOR			2700	I	IDF-2100-2

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

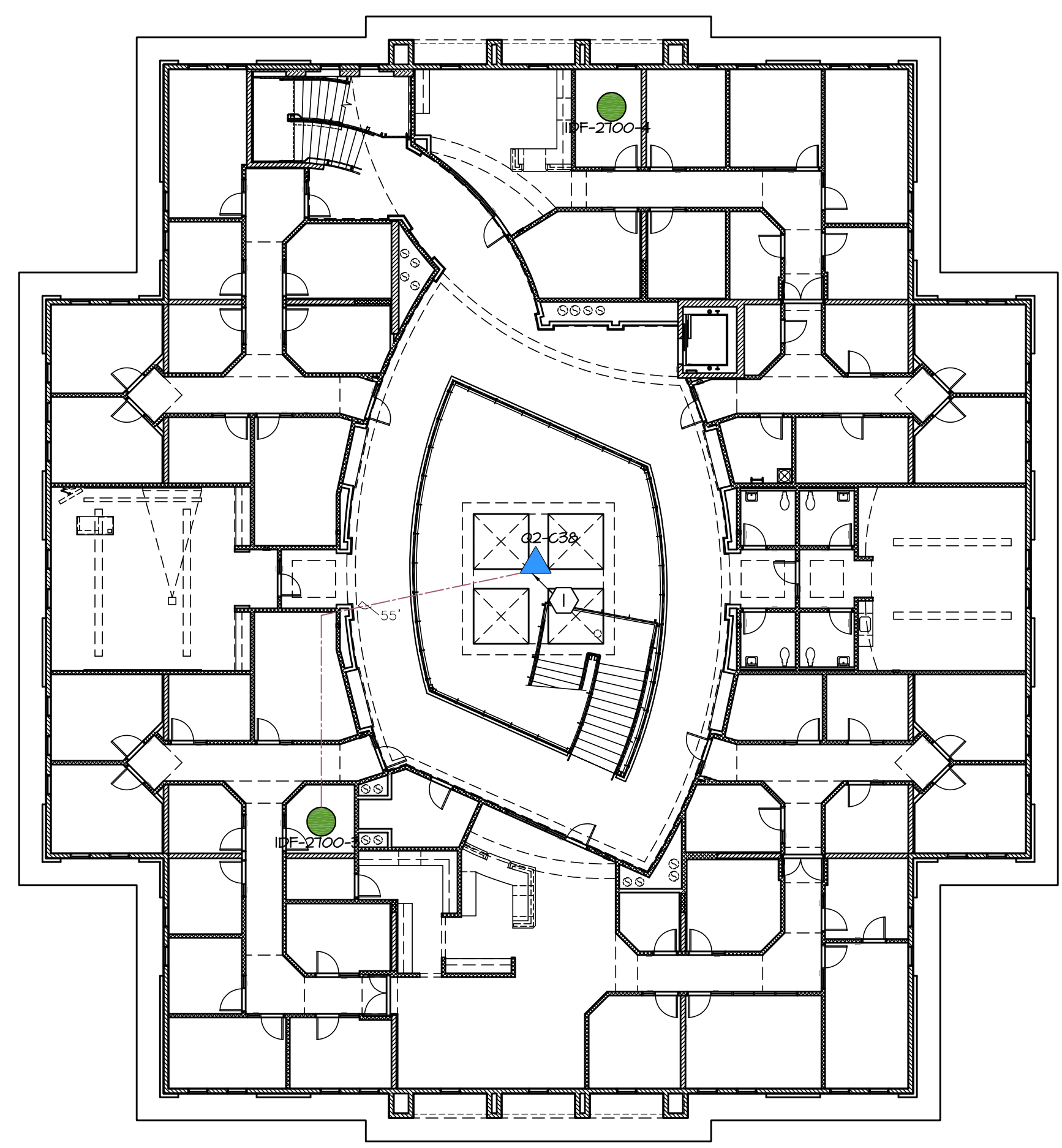
Sheet Title  
**FLOOR PLAN - BUILDING 2700 - 7400**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.12

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

FLOOR PLAN






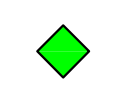

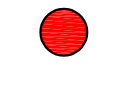



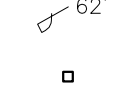
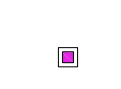

**APPROVALS**

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

**KEYNOTES:**

-  PROVIDE MULTISENSOR CAMERA CAPTURING SECOND FLOOR LOBBY, STAIRS AND ELEVATOR (OPTIONAL PLACEMENT)

**LEGEND:**

-  (1) MULTISENSOR CAMERA
-  FIXED CAMERA - BULLET
-  FIXED FISH EYE CAMERA
-  IDF ROOM
-  (E) (2) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
-  COPPER
-  FIBER
-  62' APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX
-  COMMUNICATIONS BOX WITH SWITCH

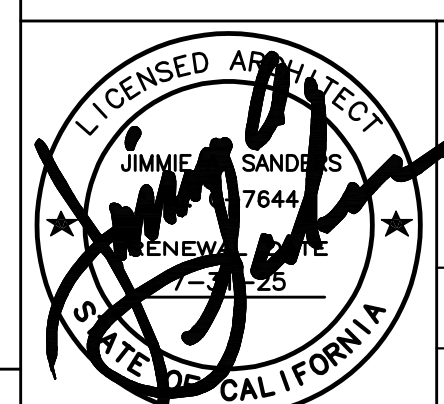
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NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	
02-030	MULTISENSOR			2100	2100-3	IDF-2100-3	SOFFIT

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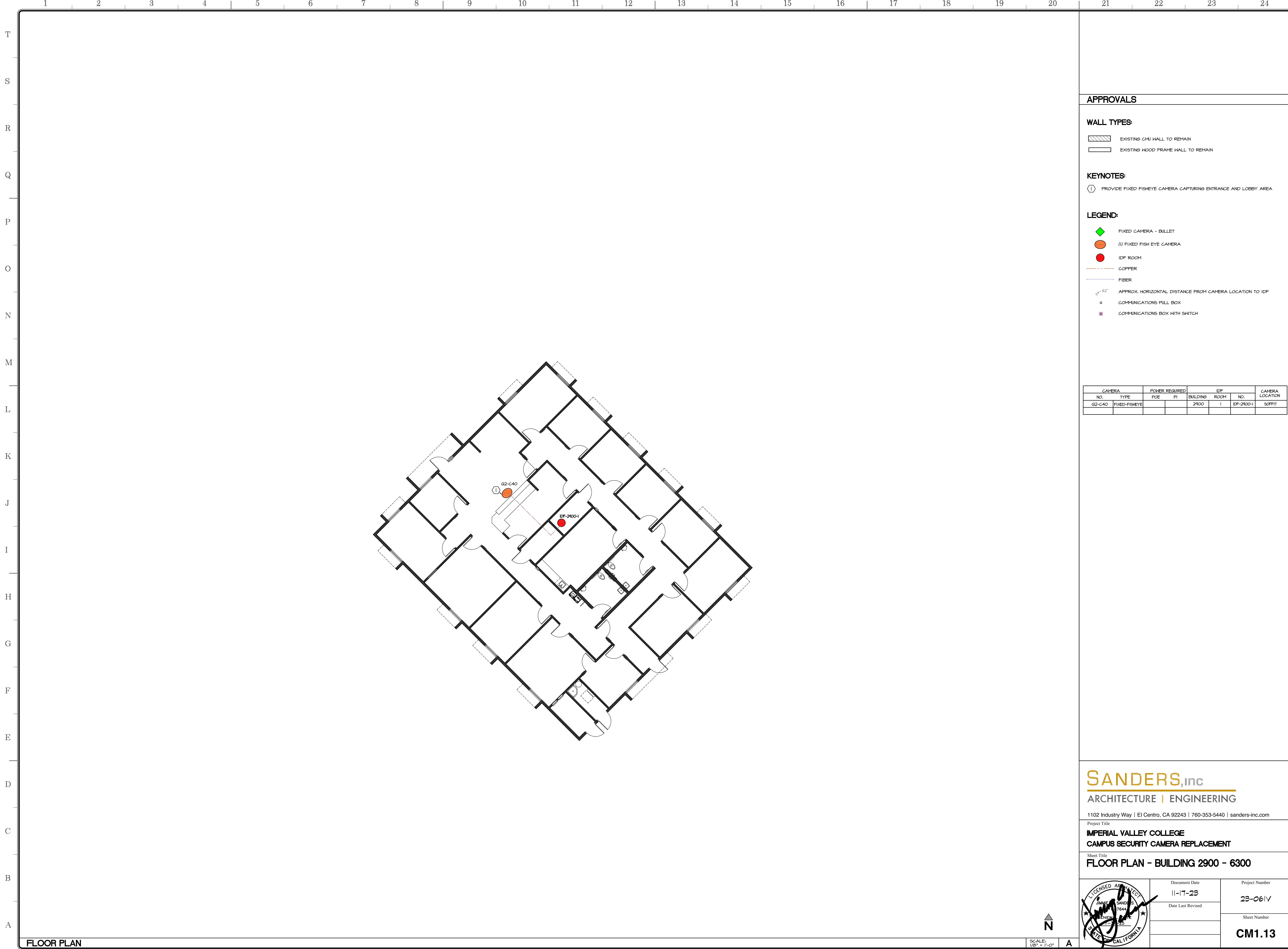
Project Title  
**IMPERIAL VALLEY COLLEGE  
CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**SECOND FLOOR PLAN - BUILDING 2700 - 7400**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.12.1</b>

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





**APPROVALS**

**WALL TYPES:**

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

**KEYNOTES:**

- PROVIDE FIXED FISHEYE CAMERA CAPTURING ENTRANCE AND LOBBY AREA

**LEGEND:**

- FIXED CAMERA - BULLET
- (1) FIXED FISH EYE CAMERA
- IDF ROOM
- COPPER
- FIBER
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

CAMERA		POWER REQUIRED		IDF		CAMERA	
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	LOCATION
02-C40	FIXED-FISHEYE			2900	1	IDF-2900-1	SOFFIT

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

Sheet Title  
**FLOOR PLAN - BUILDING 2900 - 6300**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.13

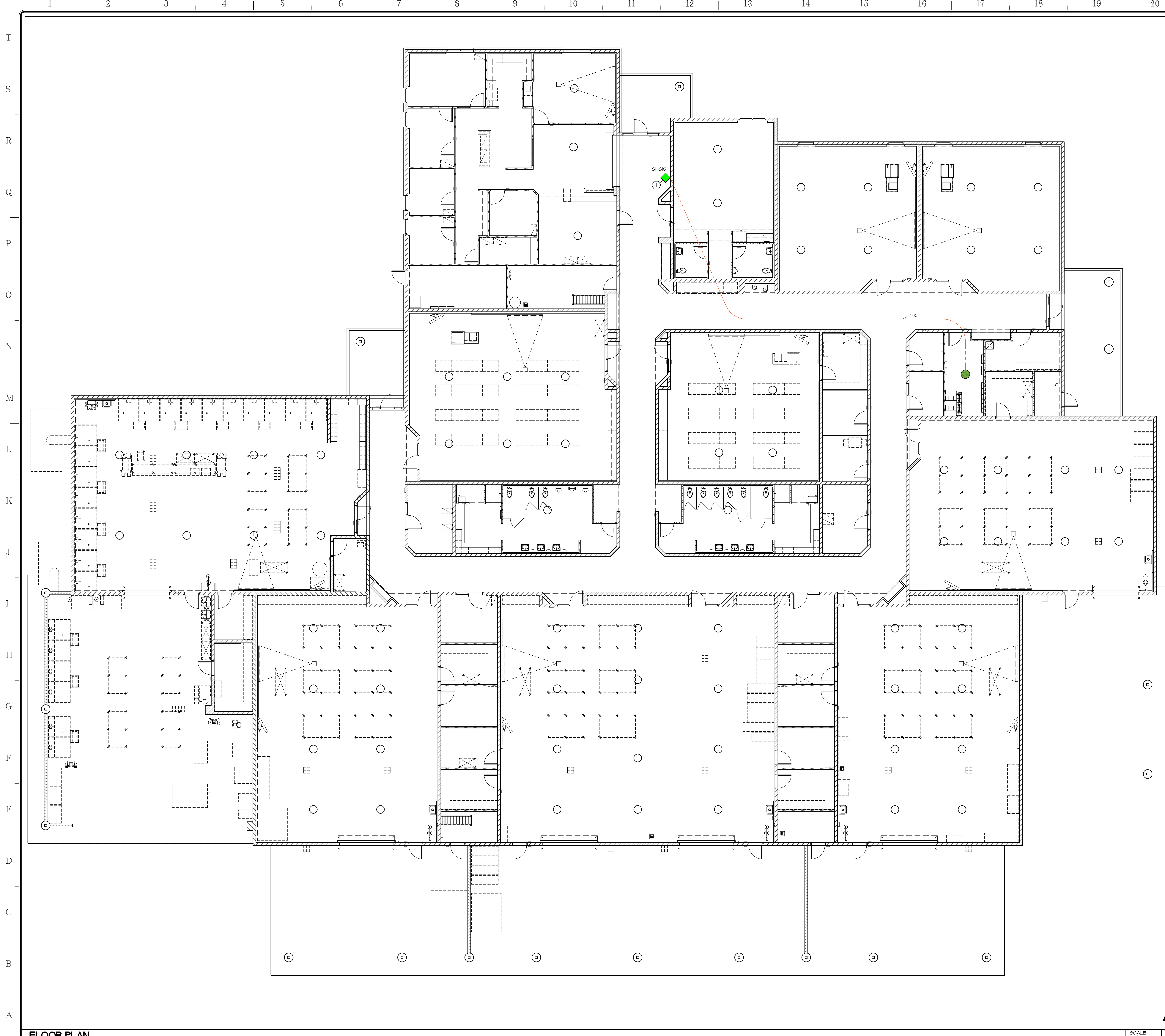
FLOOR PLAN

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



A





**APPROVALS**

**WALL TYPES:**

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

**KEYNOTES:**

- PROVIDE FIXED BULLET CAMERA CAPTURING MAIN ENTRANCE AND HALLWAY

**LEGEND:**

- MULTISENSOR CAMERA
- (1) FIXED CAMERA - BULLET
- FIXED FISH EYE CAMERA
- IDF ROOM
- (E) (1) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

CAMERA NO.	CAMERA TYPE	POWER REQUIRED POE	IDF ROOM NO.	BUILDING	IDF ROOM NO.	CAMERA LOCATION
GI-C10	FIXED-BULLET			3100	--	IDF-300-I SOFFIT

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

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

	Document Date <b>11-17-23</b>	Project Number <b>23-061V</b>
	Date Last Revised	Sheet Number <b>CM1.14</b>

FLOOR PLAN

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





**APPROVALS**

**WALL TYPES:**

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

**KEYNOTES:**

- PROVIDE FIXED FISHEYE CAMERA CAPTURING MAIN ENTRANCE AND HALLWAY

**LEGEND:**

- MULTISENSOR CAMERA
- FIXED CAMERA - BULLET
- (1) FIXED FISHEYE CAMERA
- IDF ROOM
- (E) (1) IDF ROOM CAPABLE TO HANDLE MULTISENSOR CAMERAS
- COPPER
- FIBER
- APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
- COMMUNICATIONS PULL BOX
- COMMUNICATIONS BOX WITH SWITCH

CAMERA		POWER REQUIRED		IDF		CAMERA	
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	LOCATION
01-011	FIXED-FISHEYE			3200	--	IDF-3200-1	SOFFIT

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

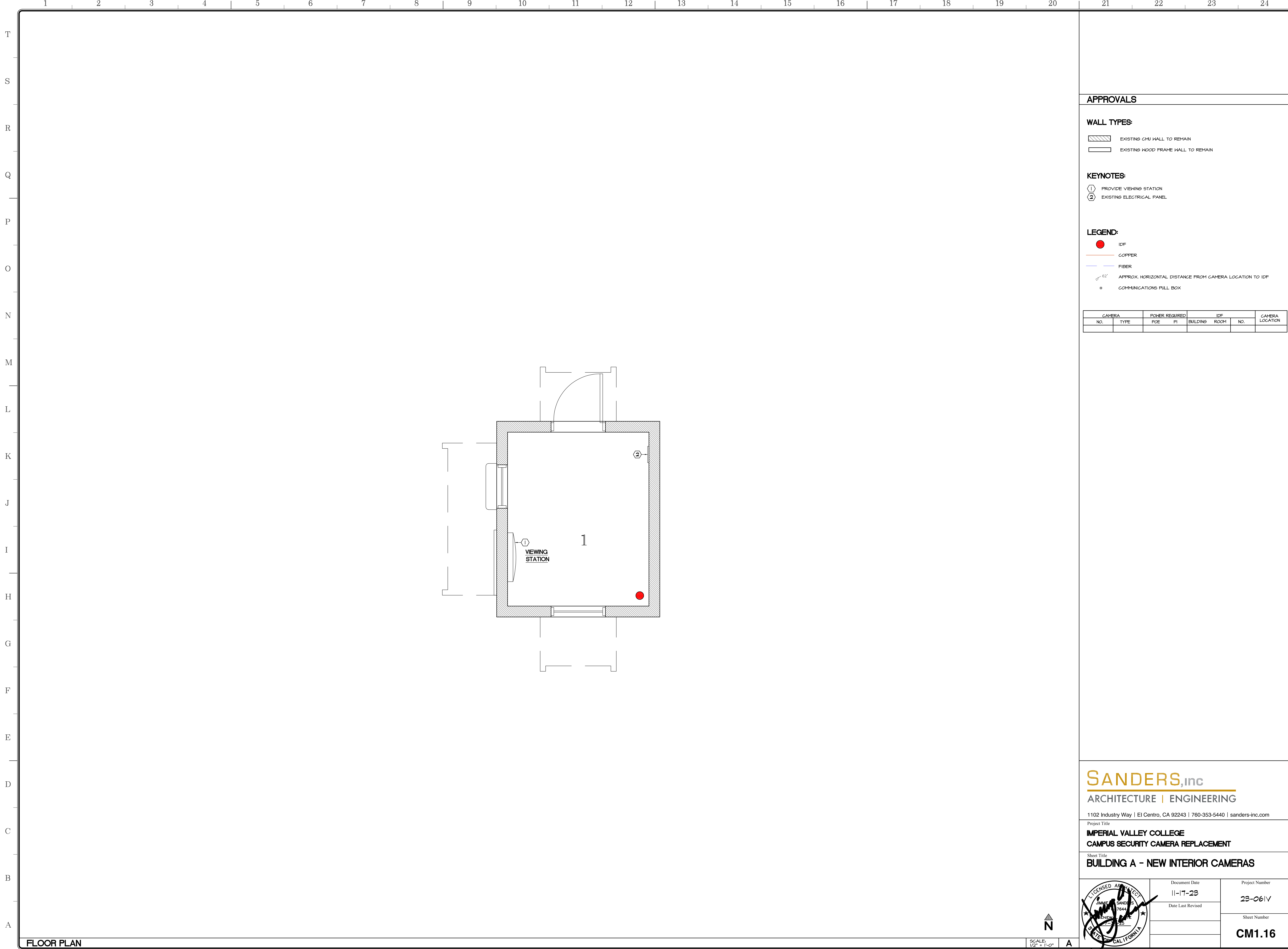
Sheet Title  
**FLOOR PLAN - BUILDING 3200 - 8700**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number <b>CM1.15</b>

FLOOR PLAN

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





**APPROVALS**






**WALL TYPES:**

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

**KEYNOTES:**

- ① PROVIDE VIEWING STATION
- ② EXISTING ELECTRICAL PANEL

**LEGEND:**

-  IDF
-  COPPER
-  FIBER
-  APPROX. HORIZONTAL DISTANCE FROM CAMERA LOCATION TO IDF
-  COMMUNICATIONS PULL BOX

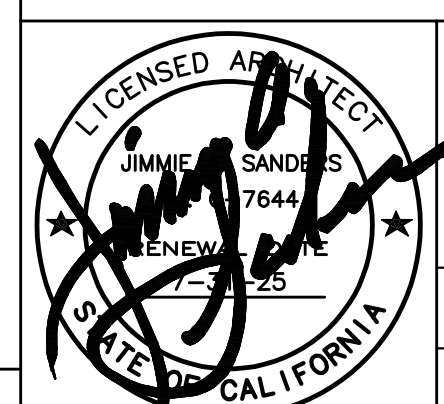
CAMERA		POWER REQUIRED		IDF			CAMERA LOCATION
NO.	TYPE	POE	PI	BUILDING	ROOM	NO.	

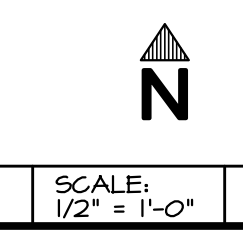
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Project Title  
**IMPERIAL VALLEY COLLEGE  
 CAMPUS SECURITY CAMERA REPLACEMENT**

Sheet Title  
**BUILDING A - NEW INTERIOR CAMERAS**

	Document Date 11-17-23	Project Number 23-061V
	Date Last Revised	Sheet Number CM1.16



FLOOR PLAN



**BULLET CAMERA - CB52-E**

**CB52-E**

**Bullet Series Tech Specs**

**Camera features**

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

**Camera Movement**

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

**Standard video settings**

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1500 Kbps Standard quality (SQ) - 300 Kbps

**Standard audio settings**

**Audio** Not supported

**Power and network**

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3at Type 2 PoE+ Without IR: IEEE 802.3at Type PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	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	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No

1. All our camera 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-trigger-in-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**

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	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**

<b>Weight</b>	Camera: 2.90kg / 6.32 lbs Mount plate: 5.3kg / 11.6 lbs	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	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**

<b>Alerts<sup>1</sup></b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage<sup>2</sup></b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, time lapse, RTSP
<b>People Analytics<sup>3</sup></b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>4</sup>	<b>Sharing and Privacy<sup>5</sup></b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics<sup>3</sup></b>	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, CS3242/5242, CS5242, 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**

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

**Camera Movement**

N/A

**Standard video settings**

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

**Standard audio settings**

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

**Power and network**

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3at Type 1 PoE / IEEE 802.3at Type 2 PoE+ Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 4.2 S - 57V, 0.413-0.31A, 17.59W Without IR: 4.2 S - 57V, 0.121-0.09A, 5.10W Extended temperature range: 4.2 S - 57V, 0.57A - 0.422A, 24.1W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No

1. All our camera 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-trigger-in-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 CAMERA REPLACEMENT**

Sheet Title  
**FIXTURE SCHEDULE - CAMERAS**

	Document Date <b>11-17-23</b>	Project Number <b>23-061V</b>
	Date Last Revised	Sheet Number <b>CM2.1</b>







KIMLIGHTING

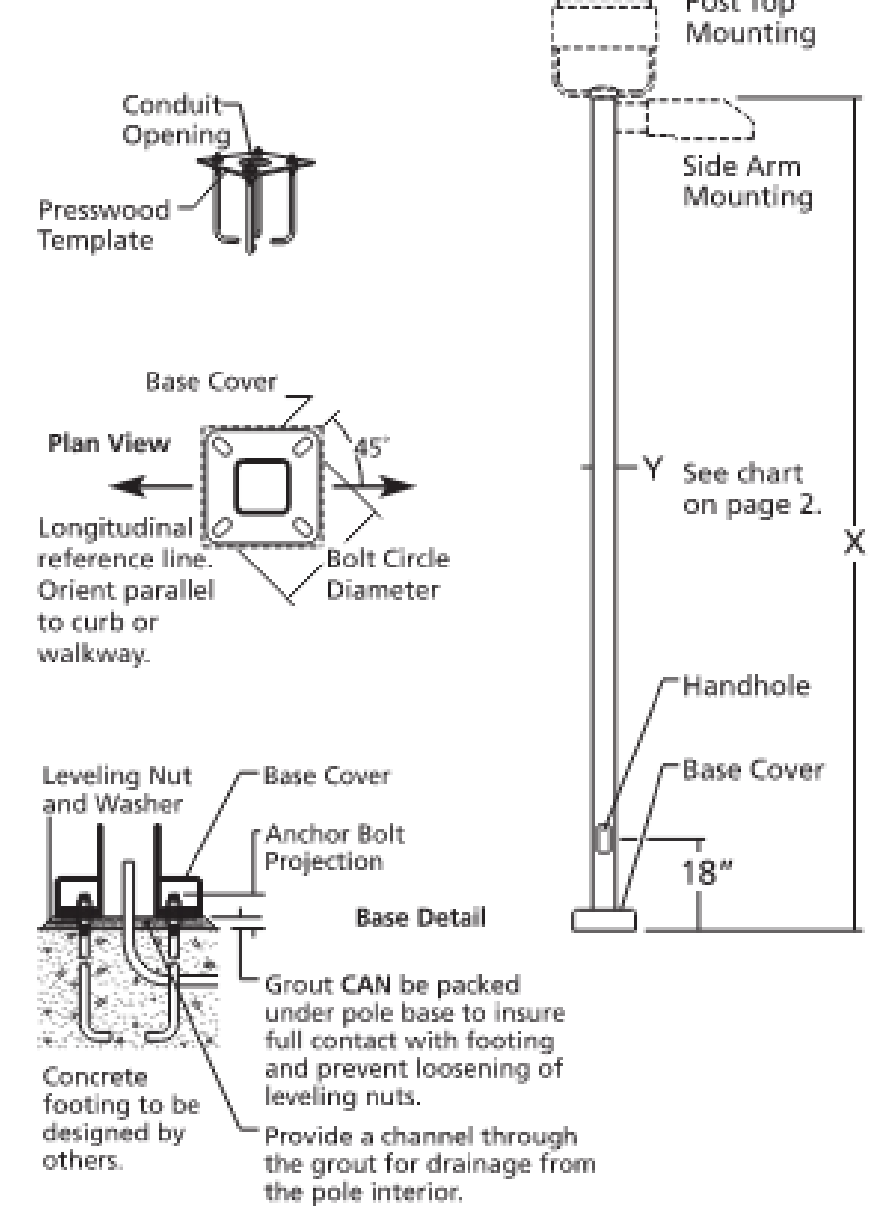
**KSS**  
SQUARE STEEL NOT-TAPERED POLE

Type:  
Job:  
Catalog number:

Approvals:



**Specifications**



**Pole Construction:** One-piece non-tapered square shaft of low carbon steel (ASTM-A500, Grade B, 46,000 PSI min. yield) with one flush-welded vertical seam. Shaft is welded to a flat steel anchor base (ASTM-A36, 36,000 PSI min. yield).  
**Base Cover:** Base has a two-piece cast aluminum full cover of 319 alloy, secured by stainless steel screws.  
**Pole Cap:** A flush-sided cast aluminum pole cap is provided for side arm mounted luminaires.  
**Handhole:** 18" up from base, with a gasketed cover and ground lag. Reinforced 3" x 5" handhole is provided on poles 20' and taller.  
**Anchor Bolts:** Four fully galvanized anchor bolts provided (ASTM-A36, 36,000 PSI min. yield) complete with eight galvanized nuts, eight galvanized flat washers, and a presswood template.  
**Strength:** Poles will withstand wind loads as listed in chart (see page 2) when luminaires are mounted per fixture installation instructions.  
**Finish:** Super T-Cat, thermoseal polyester powder coat paint, 2.5 mil nominal thickness.  
**CAUTION:** Do not install poles without luminaires or strength guarantee is voided. Any unauthorized accessories secured to pole shall void strength guarantee.  
**Maintenance:** A regularly scheduled maintenance program must be established to insure the protective paint coating is intact, corrosion or structural damage has not occurred, and anchor bolt nuts are tight. Failure to do so could lead to pole collapse and serious personal injury.  
**Certification:** Certified UL 1598 in accordance with Article 410 of ANSI/NFPA 70, National Electrical Code.

**KSS SQUARE STEEL NOT-TAPERED POLE**  
**KSS14-4120**

KIMLIGHTING

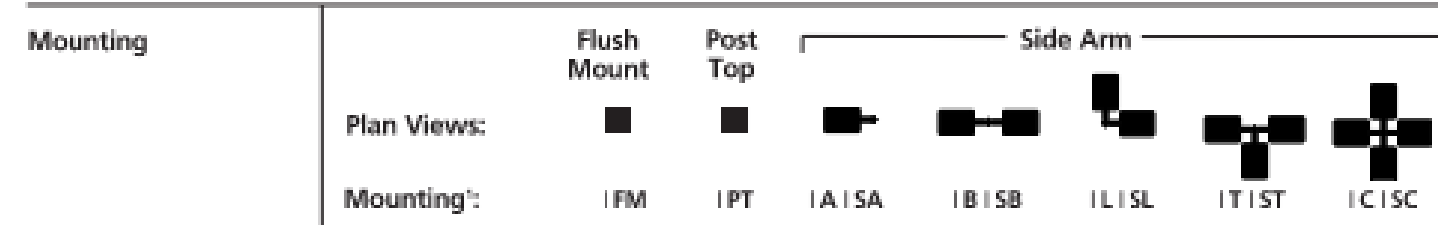
**KSS**  
SQUARE STEEL NOT-TAPERED POLE

**Standard Features**

NOTE: All allowable pole and fixture EPAs are derived from the AASHTO standard. Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location. (See page 4)

Diagram of pole with X and Y axes. Table: Allowable Pole EPA. Columns: Pole Cat. Number, X, Y, 85, 90, 100, 110, 120, 130, 140, 150. Rows: IKSS10-4120, IKSS12-4120, IKSS14-4120, IKSS16-4120, IKSS20-4120, IKSS20-4180, IKSS25-4120, IKSS25-4180, IKSS25-5120, IKSS25-5180, IKSS30-4180, IKSS30-5180.

Table: Anchor Base and Bolt Detail. Columns: Pole Height, Pole Size, Bolt Circle Dia, Anchor Bolt Projection, Anchor Bolts Size, Base Cover Size, Conduit Opening. Rows: 10'-16', 20'-30', 25'-30'.



NOTE: Allowable Pole EPA for jobsite wind conditions must be equal to or greater than fixture mount EPA. Please refer to Kim Luminaire catalog for specific fixture.  
See luminaire drilling requirements in luminaire catalog.  
**Structural Luminaires Only - Examples**  
ITS: Single Tension for small and large Structural - KSS20-4120B-TS  
ITD: Double Tension for small and large Structural - KSS20-4120B-TD  
ITR: Truss for small and large Structural - KSS20-4120B-TR  
IXTS: Single Tension for 1000W Structural - KSS20-4120B-XTS  
IXTD: Double Tension for 1000W Structural - KSS20-4120B-XTD  
IXTR: Truss for 1000W Structural - KSS20-4120B-XTR

KIMLIGHTING

**KSS**  
SQUARE STEEL NOT-TAPERED POLE

**Standard and Optional Features**

Table with columns: Finish, Cat. No., Color, and optional Duplex Receptacle. Includes options like RBLT, RBLM, RDBS, RDBT, RGGT, RLGs, RBLG, RPSB, RVTG, RWHS, RWHT, RWCC.

Optional Duplex Receptacle: Mounted opposite the handhole, at 22 1/2" from base of pole, in a cast aluminum box that is internally welded and sealed with a gasketed self-closing cover and locking bracket. Duplex Receptacle (DR) rated 20A, 125V. Duplex Receptacle with Ground Fault Circuit Interrupter (DR-GFI) rated 20A, 125V.

**APPROVALS**

**STEEL POLE**

SCALE: N.T.S. A

NOTES:  
1. OWNER PROVIDED FIXTURES, CONTRACTOR INSTALLED.

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

Sheet Title  
**FIXTURE SCHEDULE - CAMERA POLE**

Table with columns: Document Date, Date Last Revised, Project Number, Sheet Number. Includes a circular seal for 'LICENSED ARCHITECT' and 'REGISTERED PROFESSIONAL ENGINEER'.