

# **ATTACHMENT G**






## GENERAL NOTES

1. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR HAVING VISITED THE SITE AND HAVING FAMILIARIZED HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ANY DEMOLITION OR CONSTRUCTION AT THE JOB SITE. ANY DISCREPANCY TO NOTIFY LA COUNTY ARCHITECT IMMEDIATELY.
3. ALL WORK SHALL BE PERFORMED AS PER CALIFORNIA BUILDING CODE, 2022 EDITION AND ALL INSPECTIONS SHALL BE PERFORMED AS REQUIRED BY THE COUNTY OF LOS ANGELES BUILDING DEPARTMENT AND THEIR RELATED AGENCIES.
4. CONTRACTOR SHALL MAINTAIN A SET OF PLANS, APPROVED BY THE LOCAL BUILDING DEPARTMENT, ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
5. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE COUNTY OF LOS ANGELES BUILDING CODE AND UNIFORM BUILDING CODE STANDARDS, CALIFORNIA CODE OF REGULATIONS HANDICAPPED ACCESSIBILITY REQUIREMENTS (TITLE 24), AMERICANS WITH DISABILITIES ACT (ADA), THE PLANS AND THE PROJECT MANUAL.
6. THIS PROJECT REQUIRES THE PRIME CONTRACTOR TO POSSESS A LICENSE CLASSIFICATION B AT THE TIME OF BID AWARD. CONTRACTORS SHALL VERIFY THAT ALL CORRECT LICENSES ARE POSSESSED FOR THIS PROJECT.
7. CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY & PROTECT AND REPAIR ALL UNDERGROUND UTILITIES, INCLUDING ELECTRICAL, PLUMBING, SPRINKLERS, GAS SEWERS, AND STORM DRAINS WITHIN THE CONSTRUCTION SITE OR AREAS THAT THEY WORK IN. CONTRACTOR SHALL BE RESPONSIBLE TO SOLICIT THE SERVICES OF USA/DIG ALERT PRIOR TO AN EXCAVATION WORK.
8. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE DEPARTMENT OF PUBLIC WORKS AND BE RESOLVED PRIOR TO STARTING WORK. DO NOT SCALE DRAWINGS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES. CONTRACTOR TO COORDINATE CIVIL, ARCHITECTURAL, ELECTRICAL, MECHANICAL AND PLUMBING REQUIREMENTS BEFORE CONSTRUCTION. ALL CONDITIONED SPACES SHALL COMPLY WITH "TITLE 24" STATE ENERGY CONSERVATION REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN FIRE ACCESS DURING CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PUBLIC SAFETY AND FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION. THIS INCLUDES ALL NECESSARY SHORING, BRACING AND GUY WIRES WHICH SHALL CONFORM TO ALL APPLICABLE SAFETY ORDINANCES. CONSULTANTS ARE AVAILABLE AT OSHA.
11. CONTRACTOR SHALL MAINTAIN THE SITE CLEAN OF RUBBISH SO AS NOT TO IMPEDE THE ACCESS AND WORK OF OTHER TRADES. THE CONTRACTOR SHALL PROVIDED BARRICADE/TEMPORARY FENCING/WARNING SIGNS TO PROTECT THE PUBLIC OR WORKMEN DURING CONSTRUCTION. BARRICADES/TEMPORARY FENCING SHALL BE LEFT IN PLACE UNTIL AUTHORIZED BY THE DEPARTMENT TO BE REMOVED BY THE CONTRACTOR, AND AFTER THE BARRICADES/TEMPORARY FENCING IS NOT LONGER REQUIRED FOR PROTECTION.
12. ALL ADJACENT FACILITIES SHALL CONTINUE IN NORMAL OPERATION DURING THE PERIOD OF THE CONTRACT. THE CONTRACTOR SHALL CONDUCT HIS WORK IN SUCH A MANNER NOT TO RESTRICT OR OBSTRUCT ENTRANCES, EXITS OR DISRUPT UTILITY SERVICES. THE CONTRACTOR SHALL PROVIDE TEMPORARY CONNECTIONS, LINES AND SERVICES TO THE LOS ANGELES COUNTY DEPARTMENTS.
13. ALL AREAS AFFECTED OR DAMAGED BY ALTERATION, REMOVAL OF EXISTING CONSTRUCTION AND NEW WORK SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING OR IN A SATISFACTORY MANNER APPROVED BY LOS ANGELES COUNTY PUBLIC WORKS. MATCH ADJACENT SIMILAR MATERIALS IN TEXTURE AND COLOR.
14. SEPARATE BUILDING PERMITS SHALL BE TAKEN OUT FOR ELECTRICAL AND MECHANICAL PORTIONS. REQUIRED PERMITS SHALL BE OBTAINED FROM THE "STATE DIVISION OF INDUSTRIAL SAFETY" FOR ANY TRENCHES OR EXCAVATIONS 5 FEET OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND. SEPARATE PLANS SHALL BE PLAN CHECKED AND SEPARATE PERMITS SHALL BE OBTAINED FOR AUTOMATIC FIRE EXTINGUISHING SYSTEM AS APPLICABLE.
15. ALL WORK AND MATERIALS ARE NEW UNLESS OTHERWISE INDICATED. THE CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE UNLESS OTHERWISE SHOWN. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING BUT NOT LIMITED TO INSTALLATION OF ADEQUATE SHORING, BRACING, ETC., TO SAFELY EXECUTE ALL WORK.
16. DRAWINGS ARE DIVIDED INTO SEPARATE SHEETS FOR GENERAL CONVENIENCE ONLY. SHEET DESIGNATIONS OR NUMBERS SHALL NOT BE CONSIDERED TO LIMIT AREAS OF WORK, RESPONSIBILITY, OR TRADES. CONTRACTOR MUST COORDINATE THE DRAWINGS WITH EACH OTHER AND WITH PROJECT MANUAL IN ORDER TO COMPLETE THE PROJECT AS DESIGNED.
17. DIMENSIONS OF STUD WALLS ARE TO CENTERLINE OF STUDS UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO CENTER LINE OF COLUMNS UNLESS NOTED OTHERWISE. CONCRETE IS DIMENSIONED TO FACE OF WALL. CMU DIMENSIONS ARE TO CENTERLINE OF MORTAR JOINTS UNLESS OTHERWISE NOTED. FOR EXACT OVERALL WALL DIMENSIONS SUBTRACT ONE MORTAR JOINT. FOR EXACT WALL OPENING DIMENSION ADD ONE MORTAR JOINT TO BOTH WIDTH AND HEIGHT. VERTICAL DIMENSIONS FROM FINISH FLOOR LINE ARE TO TO TOP OF UNIT UNLESS OTHERWISE NOTED.
18. TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE JOB, EXCEPT WHERE THEY CONTRADICT WITH DETAILS NOTES SPECIFIED ON OTHER SHEETS. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS BEST AS POSSIBLE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO LOS ANGELES COUNTY PUBLIC WORKS ARCHITECTS SO THAT THE PROPER REVISIONS MAY BE MADE. MODIFICATIONS OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF LOS ANGELES COUNTY PUBLIC WORKS ARCHITECTS. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT, AND BE SUBJECT TO REVIEW AND APPROVAL BY LA COUNTY PUBLIC WORKS (PW) ARCHITECTS.
19. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED AND MAINTAINED IN ALL OCCUPANCY GROUPS AND AT SUCH LOCATIONS AS REQUIRED BY FIRE CODE 906 AND CALIFORNIA CODE OF REGULATIONS, TITLE 19, DIVISION 1, CHAPTER 3. THE FINAL NUMBER AND LOCATION OF ALL EXTINGUISHERS SHALL BE DETERMINED BY THE LOCAL AREA FIRE INSPECTOR.

# CAM SEC CONTRACT NO. PW1

## 190 SA

### PROJECT SUMMARY

BUILDING OCCUPANCY:	1 - 3
BUILDING USE:	JUVENILE DETENTION CENTER
CONSTRUCTION TYPE:	MAIN BUILDING: APPROVED PLANS: TYPE I -A (NON-FIRE SPRINKLER, MONITORED FIRE ALARM WITH SMOKE DETECTORS PROTECTION SYSTEM) LACC 6528 (PLAN DRAWINGS DATED 1974)
SECURITY BOOTH OCCUPANCY:	 GROUP B
AREA OF WORK:	 OUTDOOR SECURITY BOOTH APPROX. 45 SQ.FT. TYPE V-B CONSTRUCTION  OUTDOOR ENGINE GENERATOR APPROX. 275 SQ.FT.   INSTALLATION OF AUTOMATIC TRANSFER SWITCH AT PUMP ROOM
PARKING:	NEW VAN ACCESSIBILITY ADA PARKING SPOTS NEW ACCESSIBLE LOADING AREAS FOR ADA PARKING STALLS

### DIRECTORY

#### OWNER'S REPRESENTATIVE

LOS ANGELES COUNTY  
PUBLIC WORKS  
PROJECT MANAGEMENT DIVISION II  
900 S. FREMONT AVENUE  
ALHAMBRA, CA 91803  
ATTN.: CHAM WADU  
TEL : 626-254-8884

#### ARCHITECT

JTC ARCHITECTS, INC.  
65 N. FIRST AVE., STE. 201  
ARCADIA, CA 91006  
ATTN.: JUNE QUEK  
TEL : 626-254-8884

#### STRUCTURAL ENGINEER

MHP  
3900 COVER STREET  
LONG BEACH, CA 90808  
ATTN.: RICK BEALL  
FAX: 562-985-3200

#### MECHANICAL/

#### ELECTRICAL ENGINEERS

dHA+CALPEC  
150 S. ARROYO PARKWAY,  
STE. 100 PASADENA, CA 91105  
ATTN.: DEREK WEI (ELEC.)  
TEL.: 626-445-8580

#### CIVIL ENGINEER

CALVADA SURVEYING, INC.  
411 JENKS CIRCLE, SUITE 205  
CORONA, CA 92878  
ATTN.: ARMANDO DUPONT  
TEL: 951-280-9960

#### AV/IT/SECURITY CONSULTANT

INNOVAVE  
12970 BRNAFORD ST, UNIT F  
ARLETA, CA 91331  
ATTN.: JOE ALABASHYAN  
TEL.: 818-630-5755

<b>APPLICABLE CODES</b>	
BUILDING CODES:	
CALIFORNIA BUILDING CODE, 2022 EDITION W/ 2023 COUNTY OF LOS ANGELES BUILDING CODE (TITLE 26) (W/ 2023 COUNTY OF LOS ANGELES AMENDMENTS FULLY INTEGRATED INTO 2022 CALIFORNIA BUILDING CODE) CALIFORNIA MECHANICAL CODE, 2022 EDITION CALIFORNIA ELECTRICAL CODE, 2022 EDITION CALIFORNIA PLUMBING CODE, 2022 EDITION CALIFORNIA ENERGY CODE, 2022 EDITION CALIFORNIA GREEN BLDG. STANDARDS CODE, 2022 EDITION	
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center; margin-bottom: 10px;">2</div> <div style="display: flex; align-items: center; justify-content: center;"><div style="text-align: center;"><b>ATTACHMENT A</b> <b>BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES*</b></div></div>	
<b>Storm Water Pollution Control Requirements for Construction Activities</b> <b>Minimum Water Quality Protection Requirements for All Development Constructing</b> <b>Projects/Certification Statement</b>	
<i>The following is intended as minimum notes or as an attachment for building and grading plans and represents a minimum standard of good housekeeping that must be implemented on all construction sites regardless of size. (Applies to all permits)</i>	
<ul style="list-style-type: none"><li>• Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, swales, area drains, natural drainage courses or wind.</li><li>• Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.</li><li>• Fuels, oils, solvents and other toxic materials must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system.</li><li>• Non-stormwater runoff from equipment and vehicle washing and any other activity shall be contained at the project site.</li><li>• Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.</li><li>• Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.</li><li>• Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance/exitways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.</li><li>• Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.</li><li>• Other: _____</li></ul>	
<div style="display: flex; justify-content: space-between;"><div>As the project owner or authorized agent of the owner, I have read and understand the requirements listed above, necessarily to control storm water pollution from sediments, erosion, and construction materials, and I certify that I will comply with these requirements.</div><div>Print Name _____ (Owner or authorized agent of the owner)</div></div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"><div>Signature _____ (Owner or authorized agent of the owner)</div><div>Date 9/11/2024 _____</div></div>	
<small>*The storm Best Management Practices are derived at the L.A. CANADA "Storm Water Best Management Practices Handbook," November 2009, <a href="http://www.sanagwp.org">www.sanagwp.org</a></small>	
<small>Project#16RANGRADEForms and PublicationsAttachment A BMP Notes (3-16-2011)</small>	
<b>LEGAL DESCRIPTION</b>	
ADDRESS : 1900 SYCAMORE CANYON RD., SAN DIMAS CA 91773-1220	
PROPERTY BOUNDARY DESCRIPTION : THAT PARCEL (EX OF ST) IN SAN DIMAS CITY LIG DIST ZONE B OF LOT COM AT NW COR OF SEC 35 T IN R 9W TH S ON W LINE OF SD SEC 1305.15 FT. TH N 89 27'25" E TO E LINE OF SYCAMORE CYN. RD. TH S AND FOLLOWING SD RD TO SW LINE OF LAND DESC IN DDS 3922-283 TO L A CO TH SE THEREON TO A PT S 0 02' W 405 FT FROM NW COR OF LOT 16 WESTERN WATER AND POWER CO'S TR TH NO 02' E 412.47 FT TH N 89 49' E 10.09 FT. TH N 0 18' E 2620.48 FT TH S 89 15'50" W 2606.34 FT TO BEG PARTOF W 1/2 OF SEC 35 T IN R 9W	
ASSESSOR'S ID NO. : 8665-001-901	

## SCOPE OF WORK

PERMIT APPLICATION INVOLVES CONSTRUCTING CONCRETE FOUNDATION FOR A PREFABRICATED SECURITY BOOTH AND REQUIRED POWER. PROVIDE ENGINE GENERATOR FOR EXISTING BOOSTER WATER PUMPS WITH ALL ASSOCIATED POWER SUPPORTS AND CONCRETE FOUNDATION SUPPORT. INSTALL NEW CHAINLINK FENCE FOR OUTDOOR ENGINE GENERATOR

PROVIDE LOW VOLTAGE CONNECTION SYSTEM FOR SECURITY COMMUNICATION BETWEEN NEW SECURITY BOOTH AND MAIN ADMINISTRATION BUILDING. INSTALL NEW CAMERA ON POST FOR SECURITY

RECONFIGURE (E) HANDICAP PARKING STALLS IN FRONT FOR THE MAIN BUILDING TO INCLUDE THE REQUIRED VAN ACCESSIBILITY PARKING STALL PER ADA CODES

PATCH AND REPAIR AFFECTED ASPHALT PAVING. FINISH SITE PARKING AREA WITH NEW SLURRY COATINGS AND PARKING STRIPINGS

3

## VICINITY MAP

**PROJECT SITE**

NOT TO SCALE

# LEGAL DESCRIPTION

ADDRESS : 1900 SYCAMORE CANYON RD., SAN DIMAS CA  
91773-1220

PROPERTY BOUNDARY DESCRIPTION : THAT PARCEL (EX OF  
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FT TH N 89 49' E  
10.09 FT. TH N O 18' E 2620.48 FT TH S 89 15'50" W  
2606.34 FT TO BEG PARTOF W 1/2 OF SEC 35 T 1 N R 9W

ASSESSOR'S ID NO. : 8665-001-901

# VICINITY MAP

The vicinity map shows the project site located in San Dimas, California. The map includes major roads such as Highway 60, Highway 10, and Highway 78. Key landmarks and locations marked on the map include San Dimas Canyon Park, San Dimas Canyon Golf Course, San Dimas Branching Aqueduct, San Dimas Canyon Club, and San Dimas Canyon. A red pin indicates the project site, with a callout box labeled "PROJECT SITE" pointing to it. A north arrow and "NOT TO SCALE" text are also present.

[illegible]

PROJECT :

## LOCATION

ARCHITECT

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

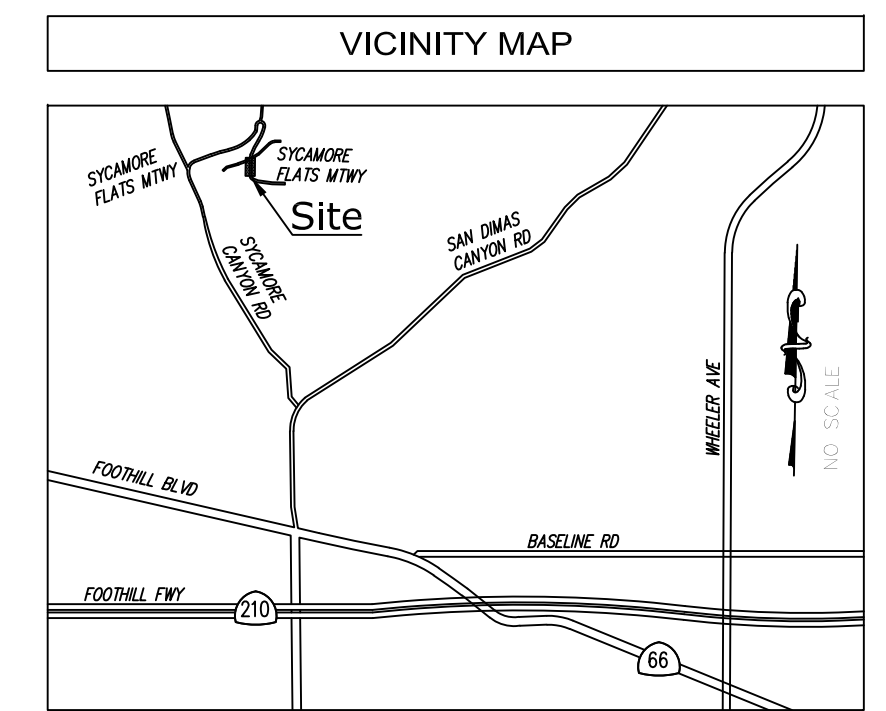
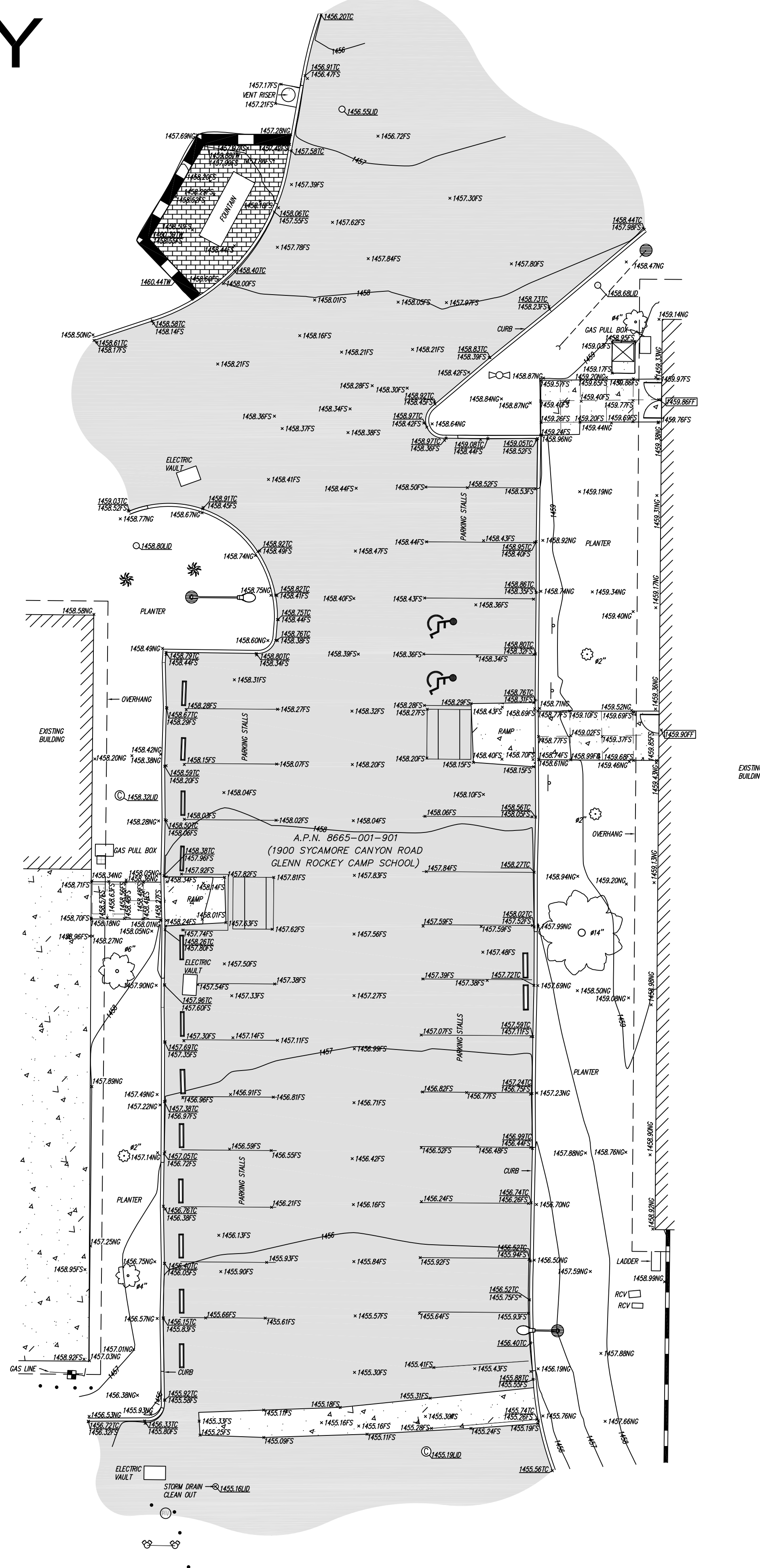
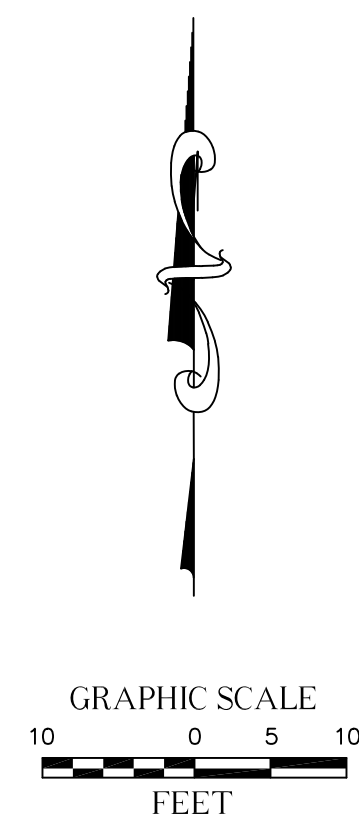
TITLE

SCALE:	AS NOTED
DATE:	12-15-24
DRAWN BY:	JTC
CHECKED BY:	JTC
SHEET NUMBER:	

# T-1



GLENN ROCKEY CAMP SCHOOL  
1900 SYCAMORE CANYON ROAD,  
SAN DIMAS, CA 91773



LEGEND	
	AIR CONDITIONING UNIT
	ASPHALT PAVEMENT
	CAR STOP
	CONCRETE PAVEMENT
	CONTROL POINT
	DECORATIVE BRICK
	DOOR
	FIRE DEPARTMENT CONNECTION
	FIRE HYDRANT
	GAS METER
	GUARD POST
	HOSE
	MANIC TREE (TYPICAL)
	PALM TREE
	POST INDICATOR VALVE
	SEWER CLEAN OUT
	SEWER MANHOLE
	SIGN
	STREET LIGHT
	TREE (TYPICAL)
	UTILITY POLE
	WATER METER
	WATER VALVE
	ASSESSOR'S PARCEL NUMBER
	DIAMETER OF EXISTING TREE
	FINISH FLOOR
	FINISH SURFACE
	NATURAL GROUND
	TOP OF CURB
	TOP OF WALL
	BLOCK WALL
	OVERHANG

BUILDING PLAN CHECK  
APPLICATION NUMBER:

BLDC240417000421

**BID SET**

C-1.01

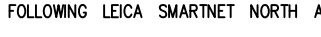

SURVEYOR OF RECORD		FIELD COMPLETION DATE: APRIL 21, 2023
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**CAL VADA**  
**SURVEYING, INC.**

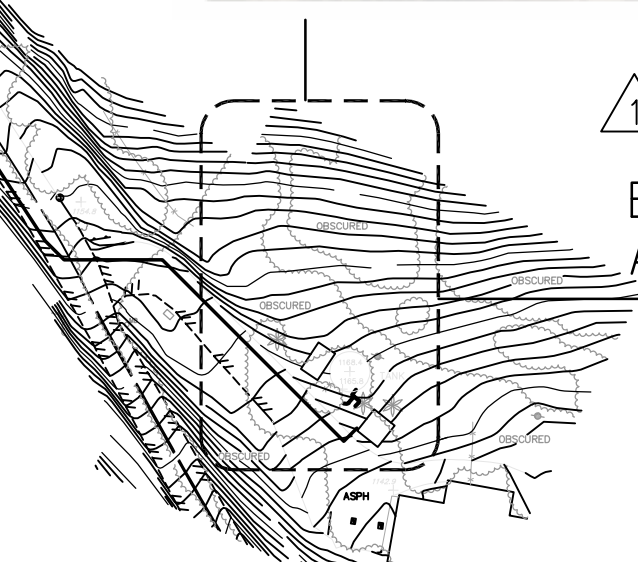
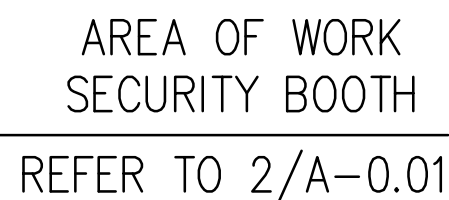
411 Jenks Circle, Suite 205, Corona, CA 92878  
Phone: 951-280-9960 Fax: 951-280-9746  
Toll Free: 800-CALVADA [www.calvada.com](http://www.calvada.com)  
EST. 1989 JOB NO. 23215-PW

Armando D. DuPont  
Registration No. 7780

SHEET 1 OF 1

REVISIONS		UTILITY STATEMENT		PREPARED FOR		BASIS OF COORDINATES		BENCHMARK		SITE INFORMATION		SURVEYOR OF RECORD			
NO.	DATE	REVISIONS	BY	<div>Underground Service Alert</div> <div></div> <div>Call: TOLL FREE 1-800-227-2600</div> <div>TWO WORKING DAYS BEFORE YOU DIG</div>		<div>JTC Architects</div> <div>65 N 1ST AVENUE, SUITE 201 AUSTIN, TEXAS 78701</div> <div>PHONE: (602) 254-8984</div>		<div>THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CGS83, ZONE 10 (2018) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE DETERMINED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING LEGAL SMARTNET NORTH AMERICA (S.N.A.N.) CONTINUOUSLY OPERATING BENCHMARK STATIONS (C.O.B.S.):</div> <div>S.N.N.A. CANS: NORTHING = 18991546.79 EASTING = 6614016.57</div> <div>S.N.N.A. CANS: NORTHING = 1800791.49 EASTING = 6537285.30</div>		<div>ELEVATIONS SHOWN HEREON ARE BASED UPON LOS ANGELES COUNTY BENCHMARK N65339, ELEVATION 1073.07 FEET (NAVD 83).</div> <div>DESCRIPTION: LACO DB 44° N IN Q8 SAN DIMAS CYN RD 3' W/O EMO C 43° N/O C/L &amp; 45° E/O C/L, SYCAMORE CYN RD</div>		<div>SITE NAME: GLENN ROCKEY CAMP SCHOOL 1900 SYCAMORE CANYON ROAD, SAN DIMAS, LOS ANGELES, CA 91773</div> <div>ASSESSOR'S PARCEL NO.: 8665-001-901</div>		<div></div> <div><b>SURVEYING, INC.</b></div> <div>411 Jenks Circle, Suite 205, Corona, CA 92878 Phone: 951-280-9860 Fax: 951-280-9746 Toll Free: 800-CALVADA www.calvada.com</div> <div>EST. 1989 JOB NO. 232115-PW</div>	
0	05/02/23	SUBMITTAL	VG												
												FIELD COMPLETION DATE: APRIL 21, 2023			





AREA OF WORK  
ENGINE GENERATOR  
AND PUMP HOUSE  
REFER TO 1/A-0.01  
AND 1/A-1.05

TREE REPLACEMENTS:

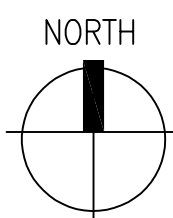
- REMOVE (2) PINE TREES AND (1) PALM TREE PER DETAIL 1/A-1.04 WITH (6) OAK TREES. SEE BELOW:
  - CONTAINER SIZE: 25 GALLONS
  - TOTAL WEIGHT: 75-100 LBS
  - CONTAINER HEIGHT: 19"
  - CONTAINER DIAMETER: 23"
- REPLACEMENT AREAS FOR TREES ARE SHOWN WITH RED DOTS IN INSERTED PICTURE IMAGE BELOW.
- CONTRACTOR TO TREAT THESE REPLACEMENTS AS "DESIGN-BUILD" WITH ALL NECESSARY IRRIGATION SYSTEM, ETC.

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**OVERALL SITE PLAN - AREAS OF WORK**

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**SCALE: N.T.S.**



## GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM GROUND PENETRATING RADAR TEST BEFORE COMMENCING WORK. DOCUMENT ALL UTILITY LINES THROUGH AS-BUILT PROCESS. INFORM THE ARCHITECT OF FINDINGS.
2. PROTECT AT ALL COST EXISTING STRUCTURES, SURFACES, ON-SITE EQUIPMENTS, ETC DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DUE TO NEGLIGENCE AND OR AS RESULT OF NOT FURTHER INVESTIGATING OR FAMILIARIZING HIMSELF WITH ALL AREAS INVOLVED (NOT ONLY LIMITED TO WORK AREAS)
3. DO NOT BLOCK ANY INGRESS OR EGRESS PATHWAY OF STRUCTURE. PROVIDE A CLEAR AND UNOBSTRUCTED PATH OF TRAVEL DEEMED SAFE AS AN ALTERNATIVE WAY TO AND FROM BUILDING ENTRANCES, IF NECESSARY
4. SUBMIT CONSTRUCTION SAFETY PLAN AND PROPOSED PARKING LOCATIONS FOR BOTH SITE AREAS FOR CONSTRUCTION CREW TO OWNER FOR REVIEW & APPROVAL. CONTRACTOR SHALL MINIMIZE PARKING AREA CLOSURES. COORDINATE WITH NATURE CENTER FOR PERMISSION TO ACCESS SITE PRIOR TO COMMENCING ANY WORK
5. VERIFY LOCATION FOR APPROVAL WITH OWNER FOR STAGING AREA AS REQUIRED FOR TEMPORARY STORAGE OF DEBRIS REMOVED AND STORAGE FOR SUPPLY OF MATERIALS. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTION OF AFFECTED AREA AS A RESULT OF TEMPORARY STAGING AREA
6. ALL CONCRETE CURB AND GUTTER FLOWLINES WITH LESS THAN ONE PERCENT SHALL BE WATER TESTED PRIOR TO FINAL FINISHING TO ENSURE PROPER DRAINAGE W/O UNACCEPTABLE HIGH OR LOW SPOTS.
7. COORDINATE WITH THE OWNER TO ACQUIRE AN ENCROACHMENT PERMIT (IF APPLICABLE) TO PERFORM WORK WITHIN THE STREET/COMMON PARKING RIGHT-OF-WAY
8. ALL UTILITY TRENCH BACKFILL AND COMPACTION INSPECTION BE PERFORMED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS.
9. ALL DAMAGED CONCRETE SIDEWALKS OR CURBS SHALL BE SAW CUT TO THE NEAREST TRANSVERSE SCORE MARK, OR ADJUSTABLE CONTROL JOINT, OR WEAKENED PLANE JOINT AND REPLACED IN CONFORMANCE WITH THE LATEST STANDARDS.
10. TRAFFIC FLOWS SHALL BE MAINTAINED AT ALL TIMES AND PROTECTED WITH ADEQUATE BARRICADES, LIGHTS, SIGNS, AND WARNING DEVICES IN ACCORDANCE WITH THE CURRENT STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, TRAFFIC MANUAL AND TO OWNER.
11. IRRIGATION LINES SHALL BE REMOVED, RELOCATED OR RECONSTITUTED AS NECESSARY, INSRTALL PER LATEST STANDARDS
12. FOR NOTICE TO ACCESS SECURED AREAS, CONTRACTOR MUST PROVIDE 48 HOUR NOTICE FOR APPROVAL BEFORE ACCESSING SECURED AREAS
14. FOR NOTICE OF INSPECTIONS, CONTRACTOR MUST PROVIDE 48 HOUR NOTICE FOR INSPECTIONS
15. CONTRACTOR TO PROVIDE TEMPORARY ALTERNATE ADA ACCESS DURING RAMP CONSTRUCTION IN FRONT OF BUILDING ENTRANCE. PROVIDE COMPLIANT TEMPORARY SIGNS AND ADA RAMP



## ENVIRONMENTAL NOTES:

1. CONTRACTOR SHALL NOTIFY ALL OF HIS SUBCONTRACTORS THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED IS PROHIBITED.
2. CONTRACTOR SHALL MAINTAIN CONSTRUCTION SITE IN SUCH CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANT, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINTS FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR, OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPERCHLORINATED POTABLE WATER LINE FLUSHINGS.
3. DURING CONSTRUCTION, CONTRACTOR SHALL DISPOSE OF SUCH MATERIALS IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
4. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES AN APPROVAL FROM THE OWNER.

EROSION NOTES:

1. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ONSITE OR STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
2. EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE OWNER.
3. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT.
4. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM STREETS, CHECK BERMS, AND BASINS.
5. GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE TO BE DIRECTED TOWARD DESILTING FACILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE AND TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.

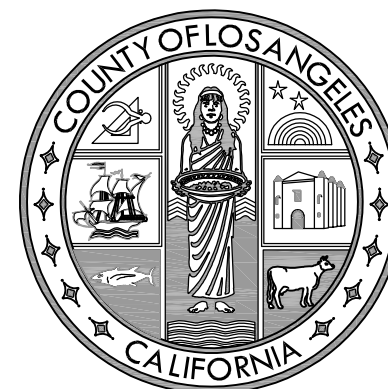
**SPEC 7879**

BUILDING PLAN CHECK  
APPLICATION NUMBER:

BLDC240417000421

REMARKS				REMARKS				REMARKS			
DATE	NO.	REMARKS	BT	DATE	NO.	REMARKS	BT	DATE	NO.	REMARKS	BT
6-10-24	△	PLAN CHECK RESUBMITTAL	JTC	11-19-24	△	PLAN CHECK RESUBMITTAL-FIRE	JTC		△		
11-06-24	△	PLAN CHECK RESUBMITTAL	JTC		△				△		

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LOS ANGELES COUNTY  
PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

## CAMP GLENN ROCKEY SECURITY UPGRADES

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :



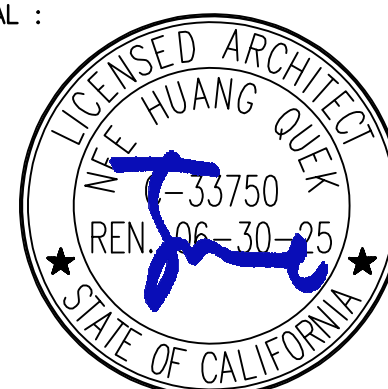
**JTC**  
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**65 N. 1ST AVENUE, SUITE 201  
ARCADIA, CA 91006**

T: 626-254-8884  
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JTC PROJECT NO:

SEAL :



CONSULTANT :

## BID SET

TITLE:

## OVERALL SITE PLAN AREAS OF WORK

SCALE: AS NOTED

DATE: 02-06-25

DRAWN BY: JTC

CHECKED BY: JIC

SHEET NUMBER.

**A-0.00**

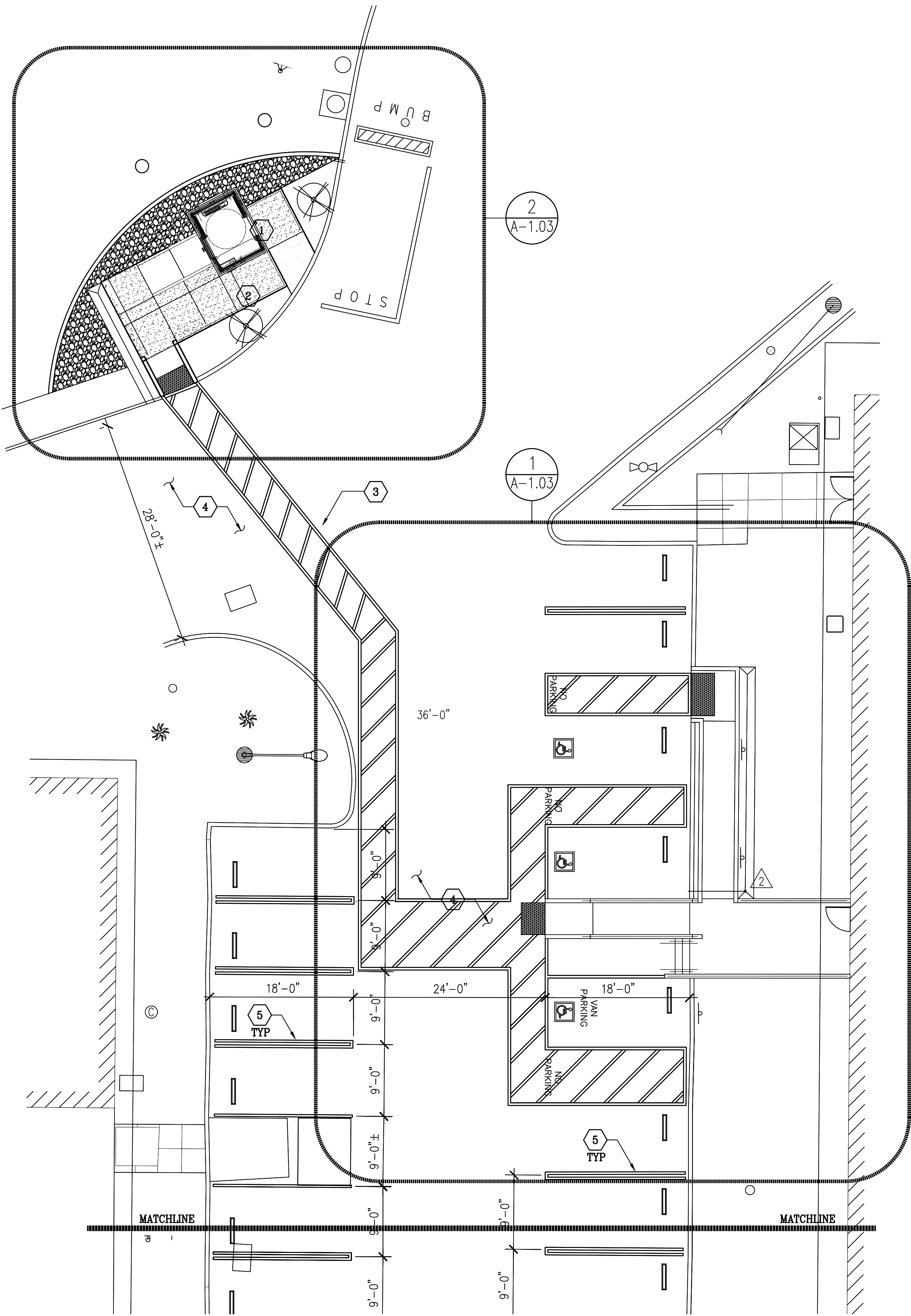












REFERENCE NOTES:

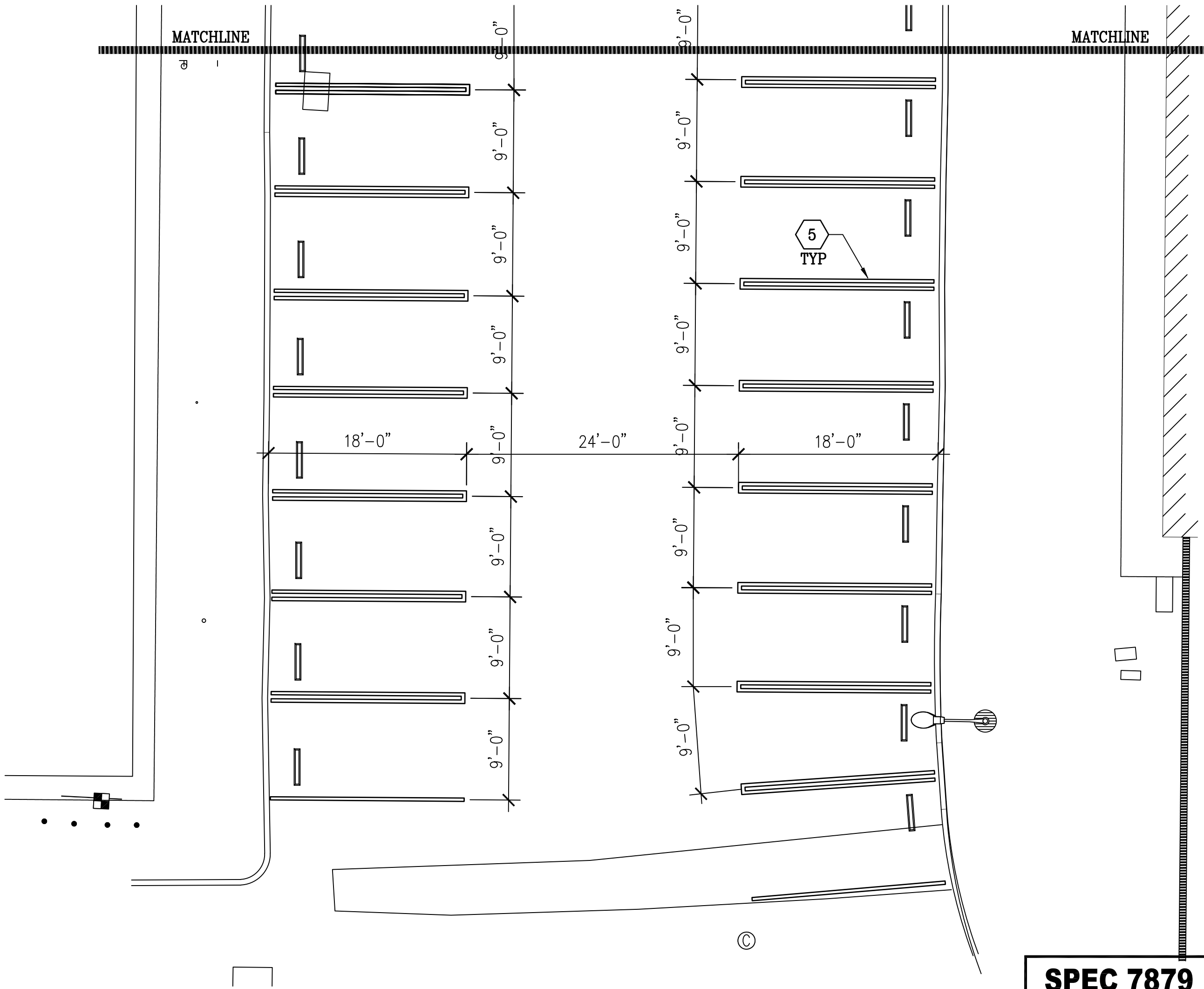
- 1 (N) PREFABRICATED SECURITY BOOTH ON (N) CONCRETE FOUNDATION SUPPORT
- 2 (N) CONCRETE PAVEMENT
- 3 (N) ADA DIAGONAL ACCESSIBLE MARKINGS ON ASPHALT PAVEMENT
- 4 PROVIDE (N) SLURRY COATINGS IN GENERAL AFFECTED AREAS. SEE NOTE 4 ON A-1.01 FOR ADDITIONAL INFORMATION
- 5 (N) PARKING STRIPES

GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM GROUND PENETRATING RADAR TEST BEFORE COMMENCING WORK. DOCUMENT ALL UTILITY LINES THROUGH AS-BUILT PROCESS. INFORM THE ARCHITECT OF FINDINGS.
2. PROTECT AT ALL COST EXISTING STRUCTURES, SURFACES, ON-SITE EQUIPMENTS, ETC DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DUE TO NEGLIGENCE AND OR AS RESULT OF NOT FURTHER INVESTIGATING OR FAMILIARIZING HIMSELF WITH ALL AREAS INVOLVED (NOT ONLY LIMITED TO WORK AREAS)
3. DO NOT BLOCK ANY INGRESS OR EGRESS PATHWAY OF STRUCTURE. PROVIDE A CLEAR AND UNOBSTRUCTED PATH OF TRAVEL DEEMED SAFE AS AN ALTERNATIVE WAY TO AND FROM BUILDING ENTRANCES, IF NECESSARY
4. SUBMIT CONSTRUCTION SAFETY PLAN TO OWNER FOR REVIEW AND APPROVAL
5. VERIFY LOCATION FOR APPROVAL WITH OWNER FOR STAGING AREA AS REQUIRED FOR TEMPORARY STORAGE OF DEBRIS REMOVED AND STORAGE FOR SUPPLY OF MATERIALS. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTION OF AFFECTED AREA AS A RESULT OF TEMPORARY STAGING AREA

ACCESSIBLE PARKIGN SPACES

PARKING FACILITY TOTAL	MIN NUMBER OF ACCESSIBLE SPACES		
	STANDARD	VAN	TOTAL (STANDARD + VAN)
52	2	1	3



PARTIAL SITE PLAN - NEW WORK (SECURITY BOOTH)

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

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ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773

ARCHITECT :

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architects, inc.  
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T: 828-254-8884  
E: info@jtcarch.com

JTC PROJECT NO: 37606.0D

SEAL :



CONSULTANT :

BID SET

TITLE:

PARTIAL SITE PLAN  
SECURITY BOOTH & ADA PARKING -  
NEW WORK

SCALE: AS NOTED

DATE: 02-06-25

DRAWN BY: JTC

CHECKED BY: JTC

SHEET NUMBER:

A-1.02

DATE:	NO.	REMARKS:	BY:	DATE:	NO.	REMARKS:	BY:
6-10-24	1	PLAN CHECK RESUBMITTAL	JTC	11-06-24	1	PLAN CHECK RESUBMITTAL	JTC
8-06-24	2	PLAN CHECK RESUBMITTAL	JTC	11-19-24	1	PLAN CHECK RESUBMITTAL-FIRE	JTC



# REFERENCE NOTES (DETAIL 1):

- (N) CONCRETE CURBS ALONG HC RAMP
- (N) 4" WIDE PARKING STALL PAINT STRIP - DOUBLE LINES (WHITE AND BLUE COLORS)
- (N) 4" WIDE DIAGONAL STRIPING (45 DEGREES) SPACED AT 36" O.C. MAX (BLUE COLOR)
- (N) HC SYMBOL STENCIL, SEE [3](#)
- (N) PAINTED BORDERLINE AROUND PERIMETER OF ACCESS WALKWAYS (BLUE COLOR)
- HC SIGN ON STEEL POST (TYP OF 4), SEE [6](#)
- 12" IN HEIGHT MARKINGS (WHITE LETTERS)
- (N) 4" WIDE DIAGONAL STRIPING (45 DEGREES) SPACED AT 36" O.C. MAX (WHITE COLOR)
- (N) RECYCLED PLASTIC WHEEL STOP IN ADA PARKING STALLS AND AFFECTED NON-ADA PARKING STALLS. ACCESS LINK BELOW:  
([HTTPS://WWW.SPEEDBUMPSANDHUMPS.COM](https://www.speedbumpsandhumps.com))
  - LAG BOLT FASTENING METHOD ON CONCRETE
  - 4" SHORTSTOP
  - BLUE IN COLOR FOR ADA PARKING STALLS
  - YELLOW IN COLOR FOR NON-ADA PARKING STALLS

REMOVE ALL OIL, GREASE, FREE OF DEBRIS. INSTALL PER MANUFACTURER'S STANDARDS.
- (N) HC PATH OF TRAVEL WITH MAXIMUM SLOPE OF 5% AND CROSS SLOPE OF 2%. TYPICAL THROUGHOUT.
- (N) TRUNCATED DOMES 3'-0" MIN WIDTH. SEE [7](#)
- (N) CONCRETE WALL/CURB [2](#)
- (N) UNAUTHORIZED PARKING SIGN MOUNTED ON BUILDING EXTERIOR WALL. SEE [9](#)
- (N) 4" WIDE PARKING STALL PAINT STRIP - DOUBLE LINES (WHITE COLOR)
- (N) 5" CONCRETE SLAB ON GRADE

# REFERENCE NOTES (DETAIL 2):

- (N) PREFABRICATED SECURITY BOOTH ON (N) CONCRETE FOUNDATION SUPPORT
- (N) CONCRETE PAVEMENT. SEE [2](#)
- (N) HC CONCRETE CURB CUT OUT
- (N) PAINTED BORDERLINE AROUND PERIMETER OF ACCESS WALKWAYS (BLUE COLOR)
- (N) CONCRETE CURBS ALONG HC RAMP ON BOTH SIDES
- (N) TRUNCATED DOMES. SEE [7](#)
- (N) GALVANIZED 36" H METAL HANDRAIL. SEE [1](#)
- (E) CONCRETE CURB
- (N) BLACK MULCH WITH UNDERNEATH GEOTEXTILE FABRIC FOR WEED CONTROL. PROVIDE LANDSCAPED AREAS WITH IRRIGATION SYSTEM AND WHITE AND PINK CRAPE MYRTLE SEMI-DWARF TREES AS DESIGN BUILD BASED ON PLANS
- (N) 4" WIDE DIAGONAL STRIPING (45 DEGREES) SPACED AT 36" O.C. MAX (BLUE COLOR)
- LOCATION OF (N) SECURITY BOOTH DOWNSPOUTS W/ PRECAST CONC SPLASH BLOCK (TYP OF 2)
- (N) 4" THICK CRUSHED ROCK GRAVEL THROUGHOUT. PROVIDE GEOTEXTILE FABRIC UNDERNEATH FOR WEED CONTROL. SEE [10](#)
- (N) GALVANIZED METAL POST ON CONCRETE BASE FOR CCTV CAMERA (TOTAL HEIGHT OF 20'-0" ABOVE GRADE). SEE [13](#)
- (N) CONCRETE SWALE SLOPED TOWARDS CONC CURB. SEE [13](#)
- (N) 3" PVC STANDARD DRAIN DAYLIGHT PIPES WITH SCREEN ON BOTH ENDS TO PREVENT DEBRIS. (TOTAL OF TWO PIPES)
- SPEED BUMP: RUBBER, BLACK/YELLOW, 9 FT LG, 24 IN WD, 1 1/8 IN HT
  - ITEM 29NH25MFR. MODEL 29NH25 BY GRAINGER
  - <https://www.grainger.com/product/29NH25>
  - INSTALL WITH LAG BOLTS OR SPIKES BASED ON (E) ASPHALT/CONCRETE DRIVEWAY PER MANUFACTURER'S STD
- (E) SIGN ON POST TO REMAIN
- 4" HIGH CONCRETE CURB AND SLOPED CONCRETE SLAB ON GRADE (NO HANDRAIL REQUIRED DUE TO LESS THAN 6" HEIGHT DIFFERENCE BETWEEN LOW POINT OF SLAB AND BOOTH FINISHED FLOOR ELEVATION)
- 1/4" THICK GALV FIN STEEL PLATE WITH STIFFENER METAL ANGLES

LOCATE 30'-0" FROM (E) SWINGING GATE  
NOTE: CCTV CAMERA IS OWNER FURNISHED, CONTRACTOR INSTALLED. CAMERA WILL BE CONFIGURED BY THE COUNTY FOR ITS OPERATION

## GENERAL NOTE: [3](#)

- CONTRACTOR TO MATCH EXISTING PAVEMENT LINE & GRADE AT ALL NEW PAVEMENT LOCATIONS WHILE MAINTAINING (E) SITE DRAINAGE PATTERN. THE PROPOSED PAVING/SLURRY THAT MAINTAINS ORIGINAL GRADE & ALIGNMENT IS CONSIDERED A ROUTINE MAINTENANCE ACTIVITY.

## DRAINAGE NOTES:

- PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
- OWNER WILL MAINTAIN DRAINAGE DEVICES AND KEEP FREE OF DEBRIS.
- A PROPERTY LINE SURVEY, PREPARED BY A CA LICENSED LAND SURVEYOR OR A CIVIL ENGINEER WITH A LICENSE NUMBER BELOW C33966, MAY BE REQUIRED BY THE BUILDING OFFICIAL BASED UPON SITE CONDITIONS IN ACCORDANCE WITH LACBC SECTION 108.1.
- AN EXCAVATION/ENCROACHMENT PERMIT IS REQUIRED FOR CONSTRUCTION AND/OR DISCHARGE OF DRAINAGE WITHIN PUBLIC ROAD R/W.
- NO WORK IS ALLOWED WITHIN THE PROTECTED ZONE OF OAK TREE W/O AN OAK TREE REPORT & PERMIT.
- FINISHED FLOOR SHALL BE 8 INCHES MINIMUM ABOVE FINISHED GRADE.
- TOTAL PROPOSED IRRIGATED LANDSCAPE AREA: 78 SQUARE FEET

## ENLARGED SITE PLAN (SECURITY BOOTH) - NEW

SCALE: 1/4"=1'-0"

## ENLARGED ADA PARKING STALLS - NEW

SCALE: 1/4"=1'-0"

SPEC 7879

BUILDING PLAN CHECK APPLICATION NUMBER:

BLDC240417000421

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LOS ANGELES COUNTY  
PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

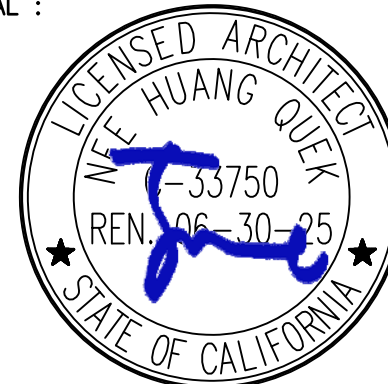
1900 N. SYCAMORE ROAD,  
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ARCHITECT :

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E: info@jtcarch.com

JTC PROJECT NO: 37606.0D

SEAL :



CONSULTANT :

BID SET

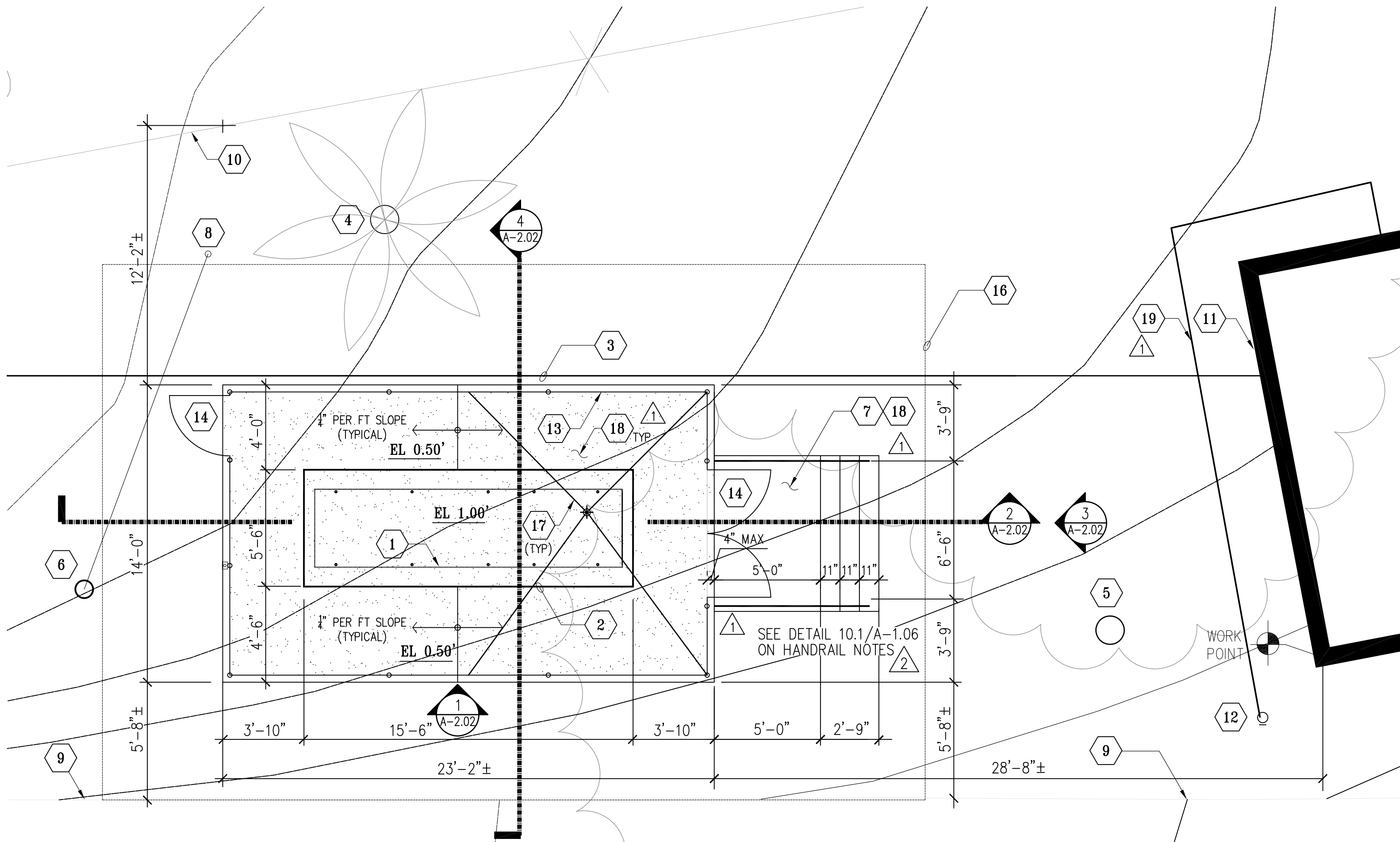
TITLE:

PARTIAL ENLARGED SITE PLAN -  
SECURITY BOOTH  
AND ADA PARKING STALLS

SCALE: AS NOTED  
DATE: 02-06-25  
DRAWN BY: JTC  
CHECKED BY: JTC  
SHEET NUMBER:

A-1.03





**2** PARTIAL SITE PLAN - NEW WORK (GENERATOR)  
SCALE: 1/4"=1'-0"

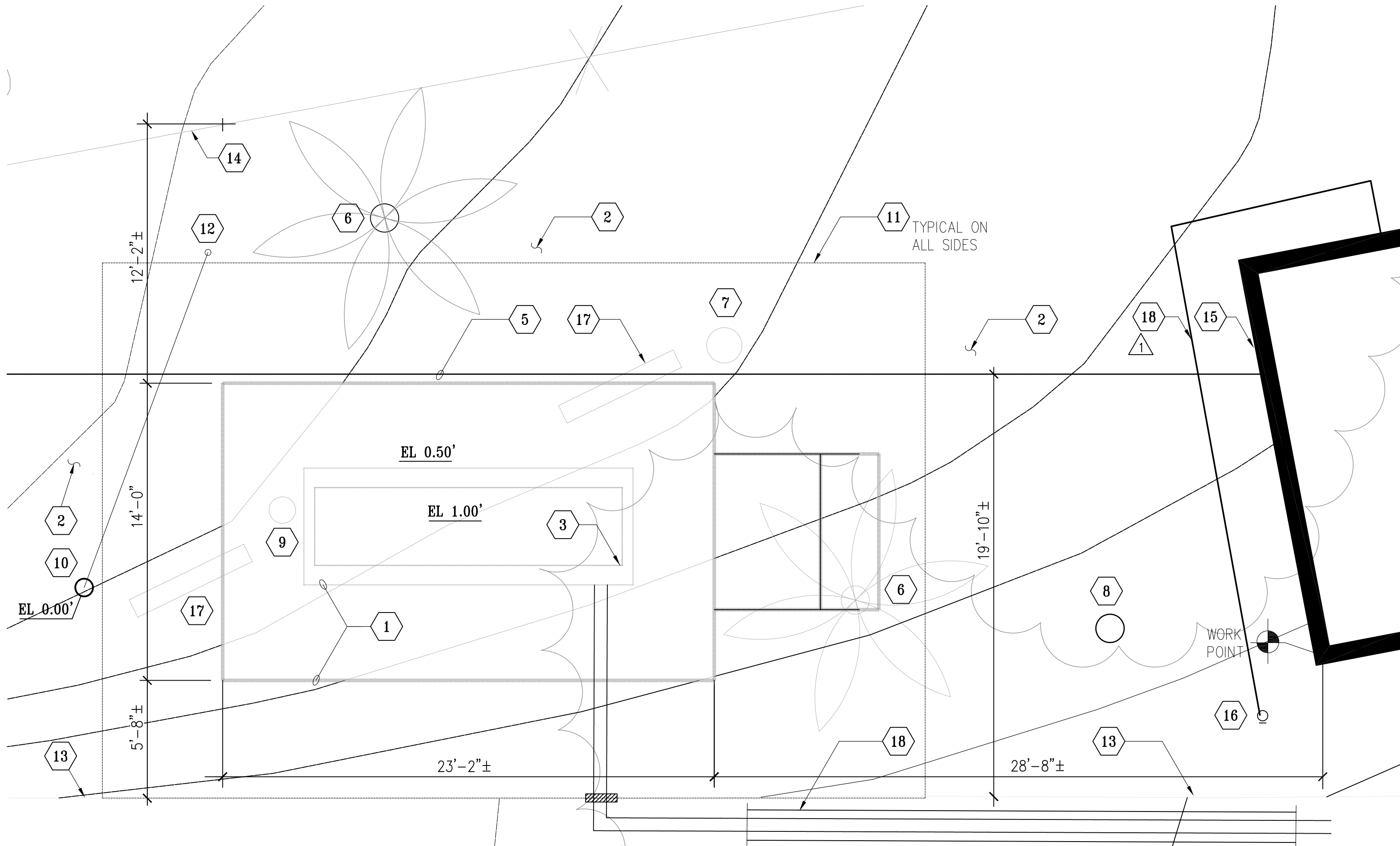
REFERENCE NOTES

- (N) ENGINE GENERATOR SHOWN DASHED. SEE ELEC
- (N) CONCRETE FOUNDATION PAD. SEE STRUCTURAL. COORDINATE ACTUAL FOOTPRINT OF FOUNDATION PAD WITH APPROVED ENGINE GENERATOR SUBMITTAL AND REQUIRED CLEARANCES. SEE STRUCTURAL
- (E) 2" D.I. WATERLINE BELOW GRADE. SEE 3/A2.02 FOR ADDITIONAL NOTES
- (E) 16"Ø PALM TREE
- (E) 16"Ø PINE TREE
- (E) 10"Ø POWER POLE. PROTECT-IN-PLACE DURING CONSTRUCTION
- (N) CONCRETE STEPS AND LANDING W/ GALVANIZED RAILINGS
- (E) GUY WIRE SUPPORT. PROTECT-IN-PLACE DURING CONSTRUCTION. COORDINATE WITH UTILITY COMPANY IF RELOCATION OF GUY WIRE SUPPORT IS NECESSARY
- (E) ASPHALT CURB
- (E) CHANLIK FENCE. PROTECT-IN-PLACE DURING CONSTRUCTION
- (E) METAL STRUCTURE. DO NOT BLOCK ENTRANCE INTO STRUCTURE
- (E) FIRE HYDRANT
- (N) 9'-6" HIGH GALVANIZED CHAINLINK FENCE AND POSTS
- (N) GALVANIZED CHAINLINK FENCE ACCESS GATE PANELS (3'-0" W AND PAIR OF 3'-0" W)
- TYPICAL 4'-0" CLEARANCE AROUND (N) ENGINE GENERATOR. PROVIDE 4'-6" CLEARANCE ON SOUTH SIDE
- REGRADE (E) AFFECTED AREAS TO THEIR ORIGINAL FINISHED ELEVATION. SLOPE TOWARDS NATURAL FLOW FOR AREA DRAINAGE.
- (N) STEEL GUIDE WIRES FOR BRACING VENT PIPE PER ENGINE MANUFACTURER.
- PROVIDE #4 REBARS AT 18" O.C. EACH WAY IN CONCRETE SLAB ON GRADE
- (E) WATERLINE BELOW GRADE FROM FIRE HYDRANT TO BLDG STRUCTURE

GENERAL NOTES:

- CONTRACTOR SHALL PERFORM GROUND PENETRATING RADAR TEST BEFORE COMMENCING WORK. DOCUMENT ALL UTILITY LINES THROUGH AS-BUILT PROCESS. INFORM THE ARCHITECT OF FINDINGS.
- PROTECT AT ALL COST EXISTING STRUCTURES, SURFACES, ON-SITE EQUIPMENTS, ETC DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DUE TO NEGLIGENCE AND OR AS RESULT OF NOT FURTHER INVESTIGATING OR FAMILIARIZING HIMSELF WITH ALL AREAS INVOLVED (NOT ONLY LIMITED TO WORK AREAS)
- DO NOT BLOCK ANY INGRESS OR EGRESS PATHWAY OF STRUCTURE. PROVIDE A CLEAR AND UNOBSTRUCTED PATH OF TRAVEL DEEMED SAFE AS AN ALTERNATIVE WAY TO AND FROM BUILDING ENTRANCES, IF NECESSARY
- SUBMIT CONSTRUCTION SAFETY PLAN TO OWNER FOR REVIEW AND APPROVAL
- VERIFY LOCATION FOR APPROVAL WITH OWNER FOR STAGING AREA AS REQUIRED FOR TEMPORARY STORAGE OF DEBRIS REMOVED AND STORAGE FOR SUPPLY OF MATERIALS. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTION OF AFFECTED AREA AS A RESULT OF TEMPORARY STAGING AREA
- NOTE OF IMPORTANCE:  
CONSTRUCTION SCHEDULE SHALL TAKE INTO ACCOUNT SEQUENCING OF ACTIVITIES OUTSIDE OF RED-TAILED HAWK NESTING PERIOD FROM JAN. 15 THRU SEPT 15. CONSTRUCTION NOISE SHALL ALSO NE REQUIRED TO BE LIMITED IN CERTAIN TIMES. A PRECONSTRUCTION STUDY AND A BIOLOGIST MONITORING SERVICES SHALL BE ADDED DURING CONSTRUCTION
- CONTRACTOR PARKING IS NOT AVAILABLE FOR THE INSTALLATION OF THE ENGINE GENERATOR NEAR THE NATURE CENTER BUILDING

TRIMMING OF TREES:  
PROVIDE AN ALLOWANCE TO TRIM  
(E) TREES DIRECTLY OVERHEAD WITHIN 10 FT  
OF (N) CHAINLINK FENCE ENCLOSURE



**1** PARTIAL SITE PLAN - DEMO WORK (GENERATOR)  
SCALE: 1/4"=1'-0"

REFERENCE NOTES

- EXCAVATE, REMOVE AND RECOMPACT PORTION OF (E) LANDSCAPED AREAS FOR (N) CONCRETE SLAB ON GRADE AND FOUNDATION SUPPORTS
- CLEAR GENERAL AREAS FREE OF DEBRIS
- (N) ENGINE GENERATOR SHOWN DASHED FOR REFERENCE
- NOT USED
- (E) 2" D.I. WATERLINE BELOW GRADE. SEE 3/A2.02 FOR ADDITIONAL NOTES
- REMOVE (E) 16"Ø PALM TREE IN ITS ENTIRETY. UPON REMOVAL OF ROOTS, FILL ROOT HOLE WITH DIRT THEN 95% RECOMPACT AND ALL AFFECTED SURROUNDINGS (TYPICAL)
- (E) 20"Ø PINE TREE (REMOVE)
- (E) 16"Ø PINE TREE
- (E) 15"Ø PINE TREE (REMOVE)
- (E) 10"Ø POWER POLE. PROTECT-IN-PLACE DURING CONST.
- TEMPORARY CONSTRUCTION FENCE BARRIER. FOOTPRINT SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL ENSURE SAFETY OF THE PUBLIC AT ALL TIMES DURING AND AFTER CONSTRUCTION HOURS
- (E) GUY WIRE SUPPORT. PROTECT-IN-PLACE DURING CONSTRUCTION
- (E) ASPHALT CURB
- (E) CHAINLINK FENCE. PROTECT-IN-PLACE DURING CONST/
- (E) METAL STRUCTURE. DO NOT BLOCK ENTRANCE INTO STRUCTURE
- (E) FIRE HYDRANT
- REMOVE (E) WOOD BENCHES IN THEIR ENTIRETY. COORDINATE WITH THE OWNER IF THESE WILL BE DISCARDED OR RELOCATED
- (E) WATERLINE BELOW GRADE FROM FIRE HYDRANT TO BLDG STRUCTURE

- SAWCUT AND REMOVE AFFECTED (E) ASPHALT PAVEMENT, CONCRETE CURB AND LANDSCAPES AREAS TO ACCOMMODATE BELOW GROUND (N) CONDUITS FOR SECURITY BOOTH POWER AND LOW VOLTAGE. ROUTINGS SHOWN ARE FOR REFERENCE ONLY. SEE ELEC AND LOW VOLTAGE DRAWINGS FOR GENERAL ROUTINGS. COORDINATE WITH OWNER FOR EXTENT OF WORK. FOR TRENCH DETAIL, SEE

NOTES ON THE EMERGENCY ENGINE GENERATOR:

- DESIGN DRAWINGS FOR THE SUPPORT OF THE EMERGENCY ENGINE GENERATOR ARE BASED ON 125RE0ZJG WITH SOUND ENCLOSURE AND 316g SUBBASE STATE TANK AS MANUFACTURED BY KOHLER POWER SYSTEM
- SUBMIT TO YOUR CHOOSING ANOTHER MANUFACTURER BASED ON "OR APPROVED EQUAL"

- CONTRACTOR SHALL PROVIDE STRUCTURAL SUPPORT DESIGN FOR THE SUBSTITUTE
- DESIGN SHALL BE STAMPED BY A CALIFORNIA STATE LICENSED STRUCTURAL ENGINEER HIRED BY THE CONTRACTOR
- SUBMIT TO ARCHITECT OF RECORDS FOR PEER REVIEW
- CONTRACTOR SHALL SUBMIT THE SUBSTITUTED DESIGN PACKAGE WITH STRUCTURAL CALCULATIONS TO LADPW BUILDING DEPT. FOR APPROVAL PRIOR TO COMMENCING WORK
- CONTRACTOR SHALL COORDINATE WITH ALL AFFECTED TRADES ALL DEVIATIONS TO THEIR WORK DUE TO THE SUBSTITUTE
- THERE SHALL BE NO ADDITIONAL COST INCURRED TO THE OWNER DUE TO YOUR CHOOSING
- THERE SHALL BE NO CHANGE TO THE CONSTRUCTION SCHEDULE
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES

BUILDING PLAN CHECK  
APPLICATION NUMBER:

SPEC 7879

BLDC240417000421

DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:
6-10-24	1	PLAN CHECK RESUBMITTAL	11-06-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL
9-04-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL

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900 SOUTH FREMONT AVE.  
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PROJECT :  
**CAMP GLENN ROCKEY  
SECURITY UPGRADES**

LOCATION :  
**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :  
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JTC PROJECT NO: **37606.0D**

SEAL :  


CONSULTANT :

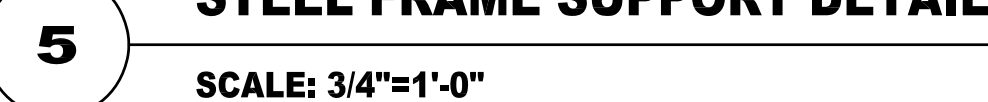
**BID SET**

TITLE:  
**PARTIAL ENLARGED SITE PLANS  
ENGINE GENERATOR -  
DEMO AND NEW**

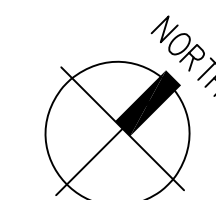
SCALE:	AS NOTED
DATE:	02-06-25
DRAWN BY:	JTC
CHECKED BY:	JTC
SHEET NUMBER:	<b>A-1.04</b>



- 1 (E) 3" THICK METAL PANELS (16" WIDE TYPICAL).  
PROTECT-IN-PLACE DURING CONSTRUCTION
- 2 (E) 4" HIGH CONCRETE PAD
- 3 (E) CONCRETE SLAB ON GRADE
- 4 (E) HM DOOR AND FRAME
- 5 (E) SHEET METAL BLANKED-OFF WINDOW OPENING
- 6 (E) STEEL POSTS (3" X 4" PROFILE) ON 10" X 15"  
STEEL PLATES
- 7 (N) UNISTRUT METAL SUPPORT SYSTEM
- 8 (E) SWITCHBOARD. PROTECT-IN-PLACE DURING  
CONSTRUCTION
- 9 (N) ELEC EQUIPMENTS/PANELS. SEE ELEC
- 10 TACK WELD UNISTRUT TO (E) STEEL COLUMN



- 1 (E) 3" THICK METAL PANELS (16" WIDE TYPICAL).  
PROTECT-IN-PLACE DURING CONSTRUCTION
- 2 (E) 4" HIGH CONCRETE PAD
- 3 (E) CONCRETE SLAB ON GRADE
- 4 (E) HM DOOR AND FRAME
- 5 (E) SHEET METAL BLANKED-OFF WINDOW OPENING
- 6 (E) CONCRETE BASE ALL AROUND PERIMETER OF  
STRUCTURE
- 7 (E) WATER PUMPS WITH ASSOCIATED PIPING AND  
ACCESSORIES
- 8 (E) CONDUIT STUB OUTS. CUT AND CAP CONDUITS  
AS CLOSE TO FLOOR
- 9 (E) STEEL POSTS (3" X 4" PROFILE) ON 10" X 15"  
STEEL PLATES
- 10 (E) EQUIPMENTS/PANELS. SEE ELEC
- 11 CLEAN ENTIRE FLOOR AREA FREE OF DIRT AND  
DEBRIS
- 12 (E) AREA DRAIN
- 13 (N) ELEC EQUIPMENTS/PANELS. SEE ELEC
- 14 (E) WINDOW GLAZING IN METAL FRAME



BLDC240417000421

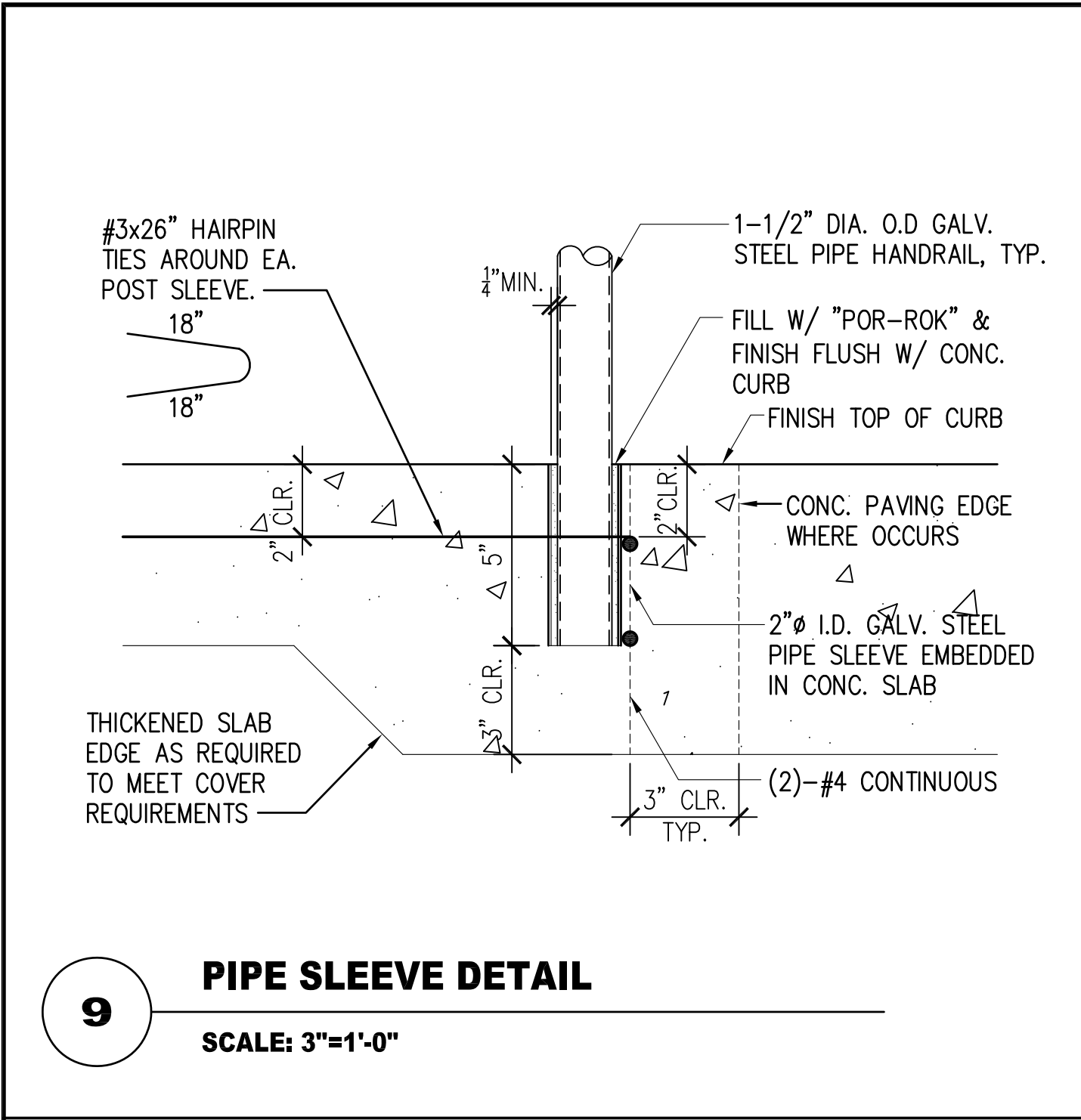
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1-19-24	△	PLAN CHECK RESUBMITTAL-FIRE	JTC		△				△		

## A-1.05

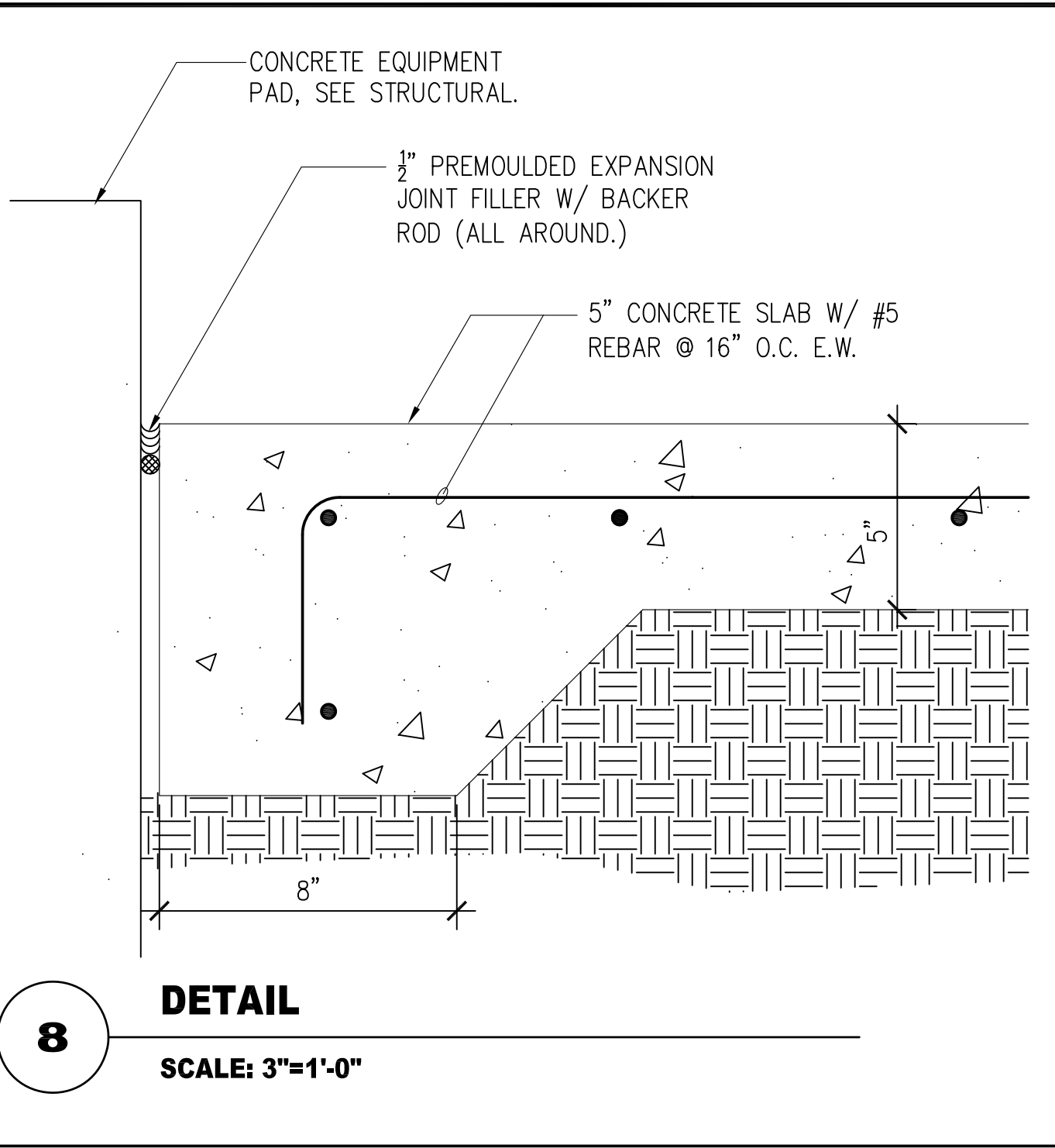




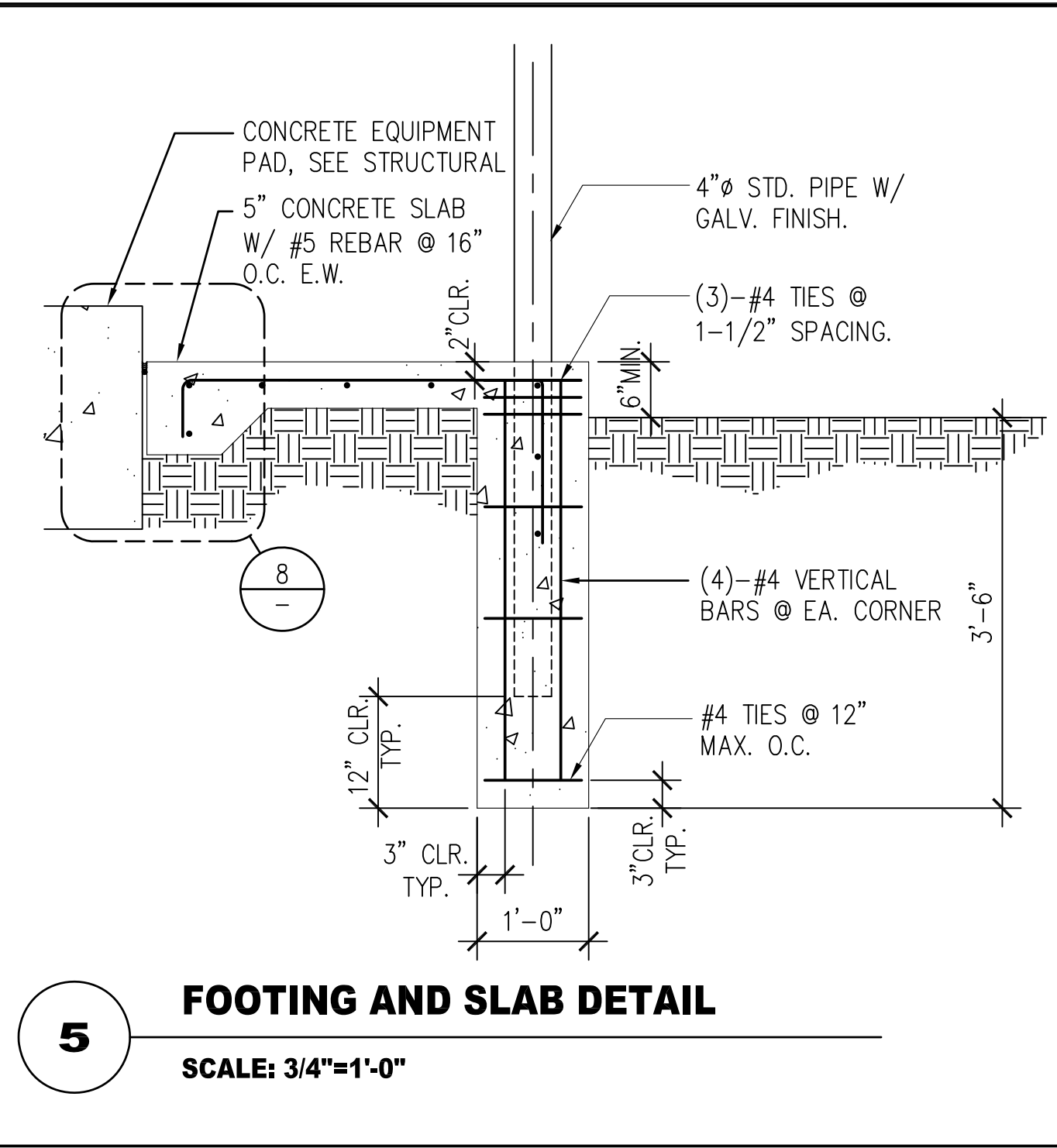




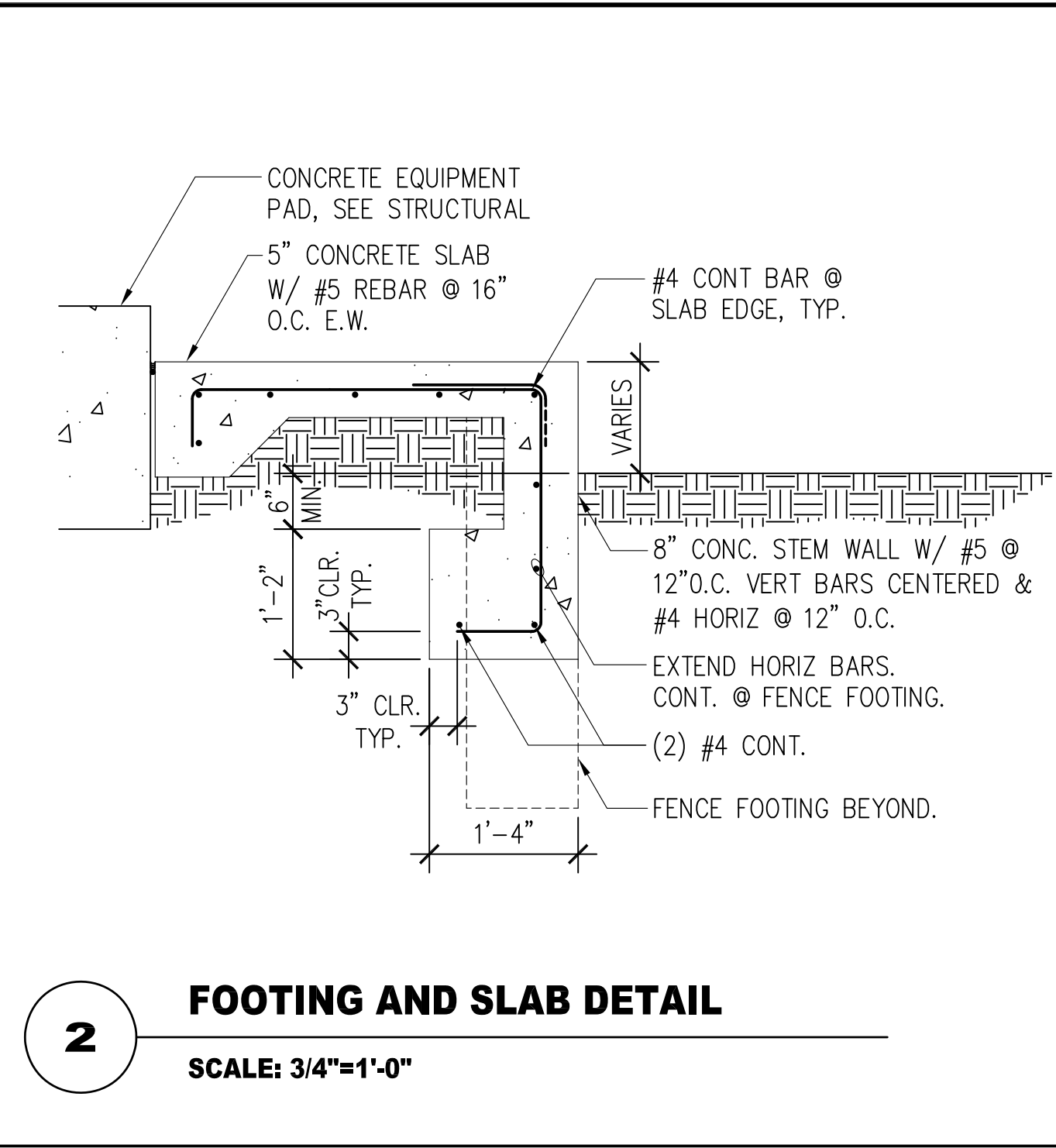
**9** PIPE SLEEVE DETAIL  
SCALE: 3/4"=1'-0"



**8** DETAIL  
SCALE: 3/4"=1'-0"



**5** FOOTING AND SLAB DETAIL  
SCALE: 3/4"=1'-0"



**2** FOOTING AND SLAB DETAIL  
SCALE: 3/4"=1'-0"

ADDITIONAL NOTES ON SECURITY BOOTH

- UNIT WILL BE MANUFACTURED IN FULL COMPLIANCE TO THE STATE OF CALIFORNIA DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT (HCD) MODULAR BUILDING CERTIFICATION REQUIREMENT. THE UNIT WILL BE DESIGNED TO MEET STATE MODULAR PROGRAM REQUIREMENTS FOR PRE-FAB MODULAR STRUCTURES. IT WILL MEET ALL STATE LOAD REQUIREMENTS AND ENERGY CODE. THE QUOTED PRICE INCLUDES DETAILED DRAWINGS, STRUCTURAL CALCULATIONS AND ENERGY CALCULATIONS FOR THE STATE APPROVAL PROCESS. THE STATE APPROVED PLAN SET IS THE PLAN SET YOU WILL NEED FOR PERMITTING.
- THE STATE PLAN REVIEW COMPANY WILL REVIEW AND APPROVE THE FINAL PLAN SET AFTER WE OBTAIN SUBMITTAL APPROVAL FROM THE OWNER AND/OR ARCHITECT. ONCE WE COMPLETE FABRICATION OF THE BOOTH IT WILL BE FACTORY INSPECTED BY A CALIFORNIA APPROVED INSPECTOR WHO WILL APPLY THE STATE APPROVAL INSIGNIA TO THE WALL. THIS APPROVAL IS REQUIRED FOR PREFAB MODULAR BUILDINGS INSTALLED IN CALIFORNIA AND THE STATE APPROVED PLAN SET IS WHAT YOU WILL NEED TO OBTAIN A PERMIT FOR THE BOOTH.

STRUCTURAL:

- FRAME: TO BE MINIMUM 2" X 2" X .083" STRUCTURAL MECHANICAL STEEL TUBING, FORMED FOR ACCURACY.
- WALL SYSTEM: THE UNIT WILL INCLUDE A CONTINUOUSLY INSULATED WALL SYSTEM THAT MAINTAINS INSULATION FROM THE FLOOR TO THE SOFFIT. THIS SYSTEM CONSISTS OF 16-GAUGE COLD ROLLED GALVANIZED STEEL PANELS ON BOTH THE INTERIOR AND EXTERIOR OF THE UNIT. THE INTERIOR WALLS WILL HAVE INSULATION UP TO R-13, ALONG WITH AN EXTRA LAYER OF R-9.6 EXTERIOR CONTINUOUS INSULATION ENCLOSED WITHIN THE FINAL EXTERIOR LAYER OF 16-GAUGE GALVANIZED STEEL WALLS.
- FLOOR: FLOOR TO BE A 12GA. GALVANIZED STEEL PLATE FLOOR COVERED WITH BLACK POLYVINYL CHLORIDE COMMERCIAL BLACK RESILIENT TEXTURED 20" X 20" INTER LOCKING TILES AND 4" HIGH BLACK BASE COVE. FLOOR SYSTEM IS WELDED TO A 2" GALVANIZED STEEL TUBE FRAME AND JOISTS.

ROOF:

- ROOF: TO BE ALL STEEL CONSTRUCTION DESIGNED FOR EXTERIOR USE. ROOF TO BE INSULATED TO R-19. ROOF TO BE CONSTRUCTED OF INTERNAL STEEL FRAMING WITH 16GA. GALVANIZED STEEL ROOF DECK WELDED TO THE FRAMING AND COVERED WITH A THREE PART MEMBRANE PROVIDING A SRI INDEX OF 95 OR GREATER. ROOF MATERIAL SHALL BE CLASS A TYPE. ROOF SHALL HAVE A 10" FASCIA WITH 4" OVERHANG ON ALL SIDES. UNIT SHALL HAVE ROOF MOUNTED LIFTING EYES FOR HOISTING BY CRANE AND DOWNSPOUTS AT THE REAR FOR DRAINAGE.

- ROOF GUTTERS SHALL BE PROVIDED WITH A MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER (BUILDING CODE 705A.4).

DOORS & WINDOWS:

- DOORS: UNIT TO HAVE TWO COMMERCIAL GRADE STEEL FRAMED SLIDE DOORS CONSTRUCTED OF 16GA. STEEL PANELS WITH STEEL TUBE FRAMES. DOOR TO BE TOP HUNG ON A MINIMUM OF EIGHT 2 1/4" STEEL BALL BEARING ROLLERS WITH STAINLESS STEEL LOWER GUIDE, MORTISE HOOK TYPE LOCK AND COMPLETE WEATHER STRIPPING.
- WINDOWS: UNIT TO HAVE STEEL WINDOW FRAME SYSTEM WITH FLUSH MOUNTED WELDED CORNERS. UNIT SHALL HAVE FIXED WINDOWS GLAZED WITH 3/4" TINTED TEMPERED DUAL PANE INSULATING GLASS WITH LOW-E COATING.

REFERENCE NOTES

- (N) PREFABRICATED METAL SECURITY BOOTH. SEE BELOW:
  - DELUXE GUARD BOOTH STYLE MODEL DS680B
  - MANUFACTURER: B.I.G. ENTERPRISES
  - 9702 E. RUSH STREET,
  - SOUTH EL MONTE, CA 91733
  - 6'-0" X 8'-0" X 8'-5" HIGH SINGLE UNIT
  - REFERENCE SHEETS SEC-1 THRU SEC-10 FOR ADDITIONAL INFO

NOTES ON SECURITY BOOTH:

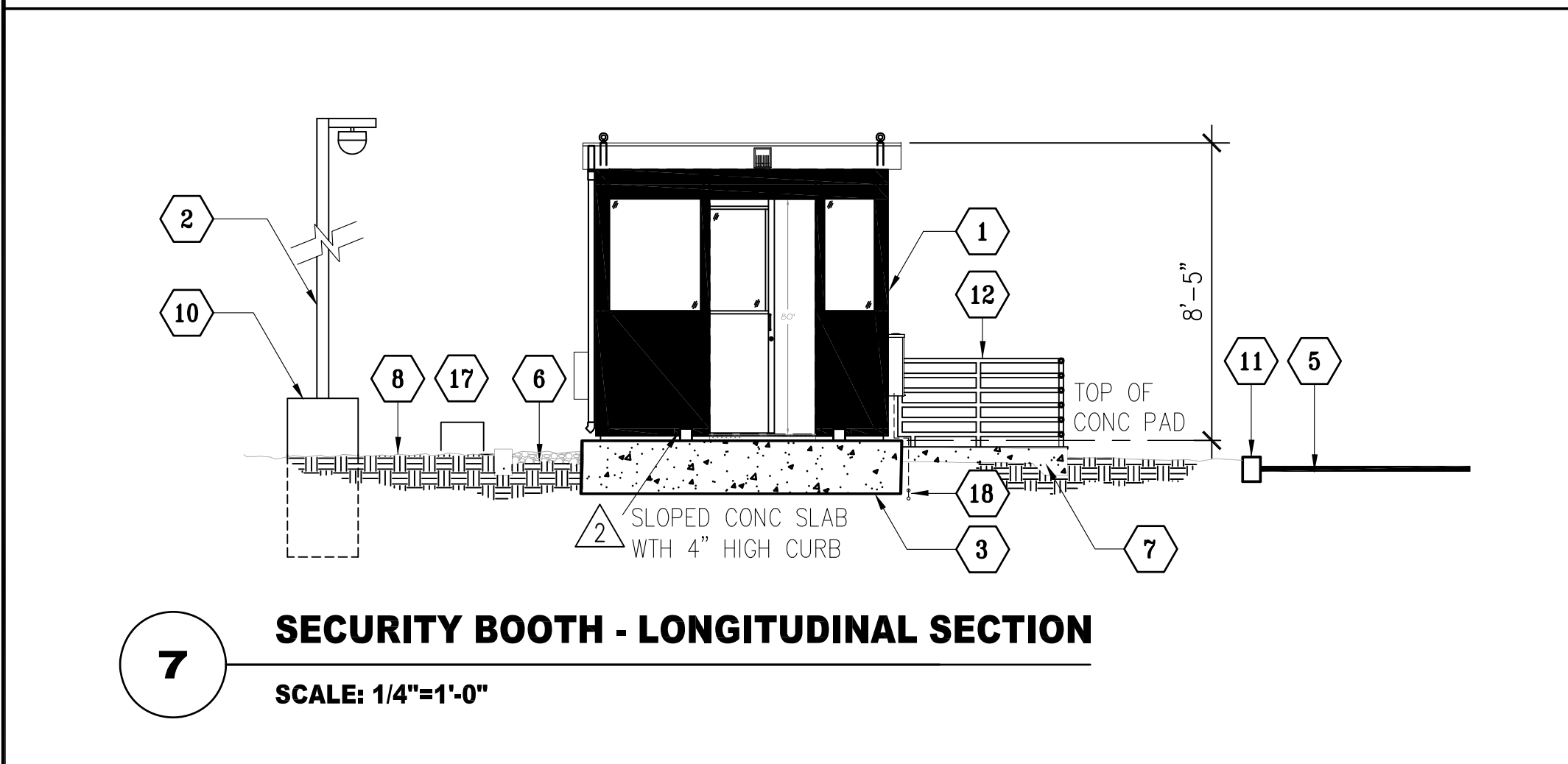
- DESIGN DRAWINGS ARE BASED ON THE PREFABRICATED SECURITY BOOTH AS MANUFACTURED BY B.I.G. ENTERPRISES.
- SUBMIT TO YOUR CHOOSING ANOTHER MANUFACTURER BASED ON "OR APPROVED EQUAL"
  - CONTRACTOR SHALL PROVIDE STRUCTURAL SUPPORT DESIGN FOR THE SUBSTITUTE
  - DESIGN SHALL BE STAMPED BY A CALIFORNIA STATE LICENSED STRUCTURAL ENGINEER HIRED BY THE CONTRACTOR
  - SUBMIT TO ARCHITECT OF RECORDS FOR PEER REVIEW
  - CONTRACTOR SHALL SUBMIT THE SUBSTITUTED DESIGN PACKAGE WITH STRUCTURAL CALCULATIONS TO LADPW BUILDING DEPT. FOR APPROVAL PRIOR TO COMMENCING WORK
  - CONTRACTOR SHALL COORDINATE WITH ALL AFFECTED TRADES
  - ALL DEVIATIONS TO THEIR WORK DUE TO THE SUBSTITUTE
  - THERE SHALL BE NO ADDITIONAL COST INCURRED TO THE OWNER DUE TO YOUR CHOOSING
  - THERE SHALL BE NO CHANGE TO THE CONSTRUCTION SCHEDULE

- (N) CCTV CAMERA GALVANIZED METAL POLE (COLOR BLACK). SEE LOW VOLTAGE DWGS
- (N) CONCRETE FOUNDATION. SEE STRUCTURAL
- (N) CONCRETE CURB FOR ADA RAMP
- (E) ASPHALT PAVING. PATCH AND REPAIR DAMAGED AREA DUE CONST.
- (N) 4" GRAVEL FINISH ON GEOTEXTILE FABRIC OVER COMPACTED SOIL
- (N) 5" CONCRETE PAVEMENT ON COMPACTED SOIL
- (E) FINISHED GRADE. PROVIDE SLOPE TOWARDS (E) FLOW LINE
- (N) CONCRETE ADA RAMP ON COMPACTED SOIL
- (N) CONCRETE BASE. SEE 13 A1.06
- (E) CONCRETE CURB
- (N) 30" HIGH GALVANIZED STANDARD METAL HANDRAIL (PAINTED BLACK), SEE 14 A1.06
- (N) CURB CUTOUT FOR DRAINAGE IN (E) CONCRETE CURB
- (N) CONCRETE MOW STRIP
- (E) GROUND DIRT
- (N) CONCRETE SWALE TOWARDS
- (N) CONCRETE BURN CUTOUT
- (E) METAL VENT RISER. PROTECT-IN-PLACE DURING CONST
- (N) UTILITY STUB OUTS. SEE ELEC AND LOW VOLTAGE DRAWINGS

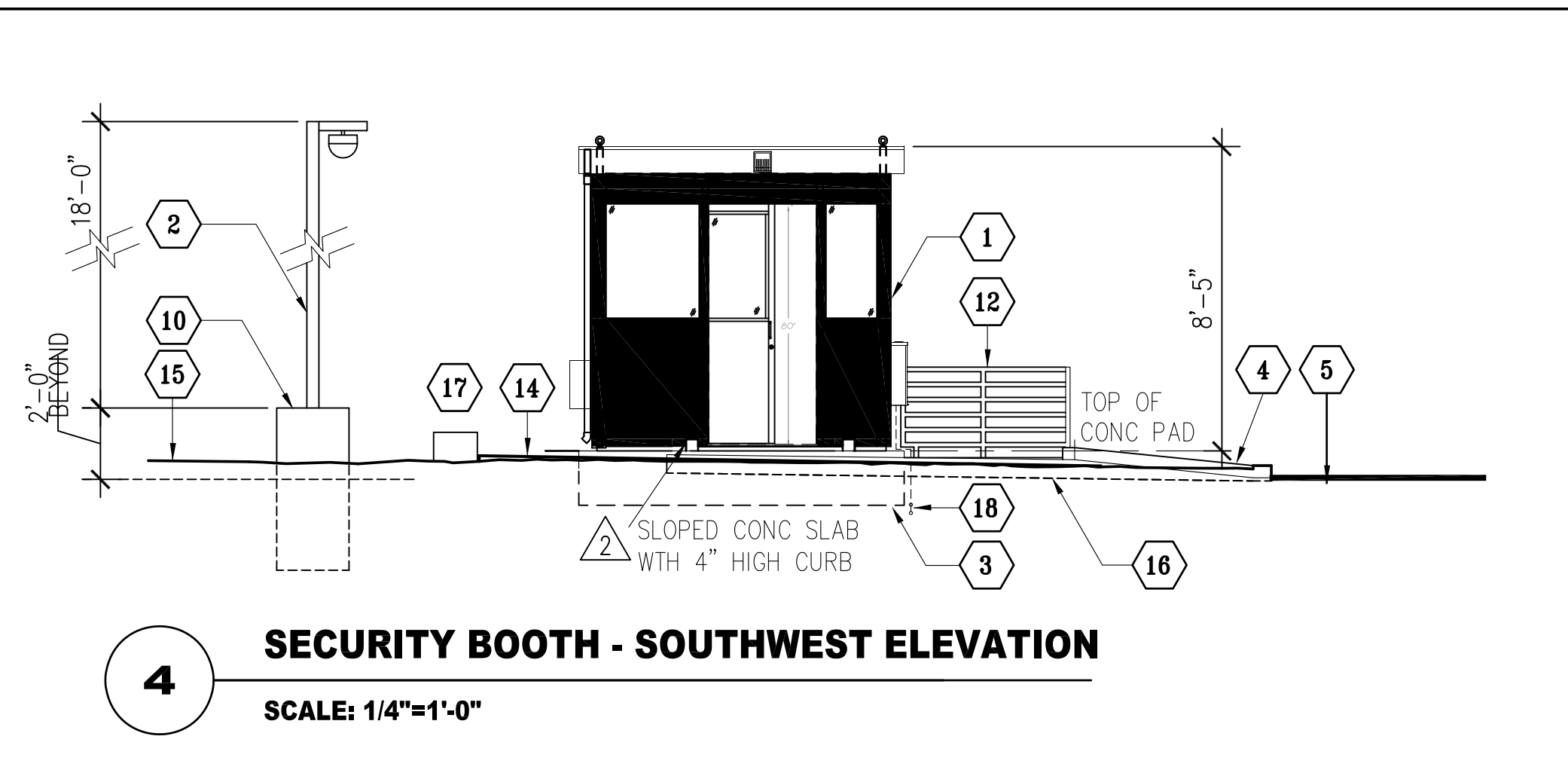
**SPEC 7879**

BUILDING PLAN CHECK  
APPLICATION NUMBER:

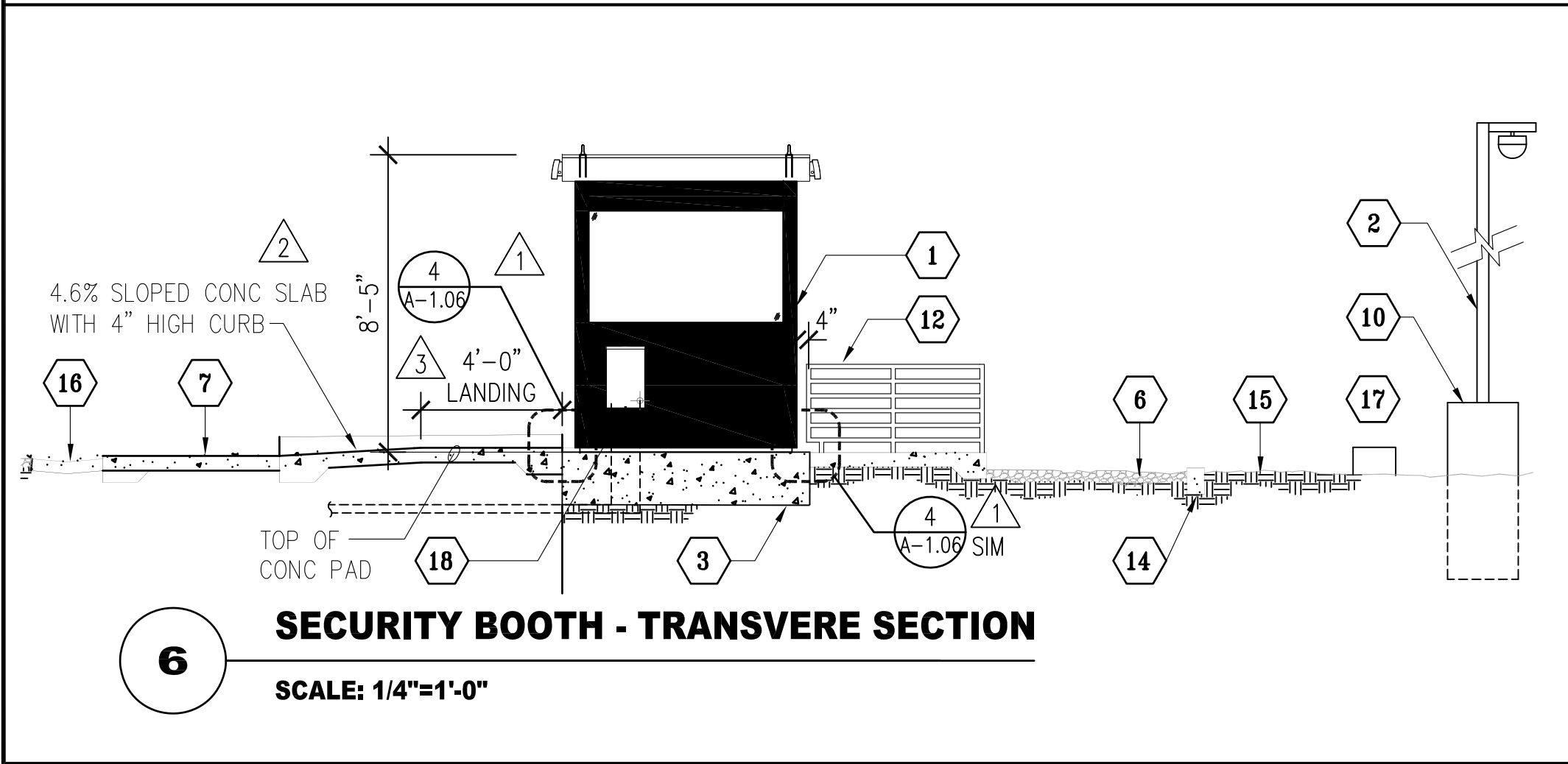
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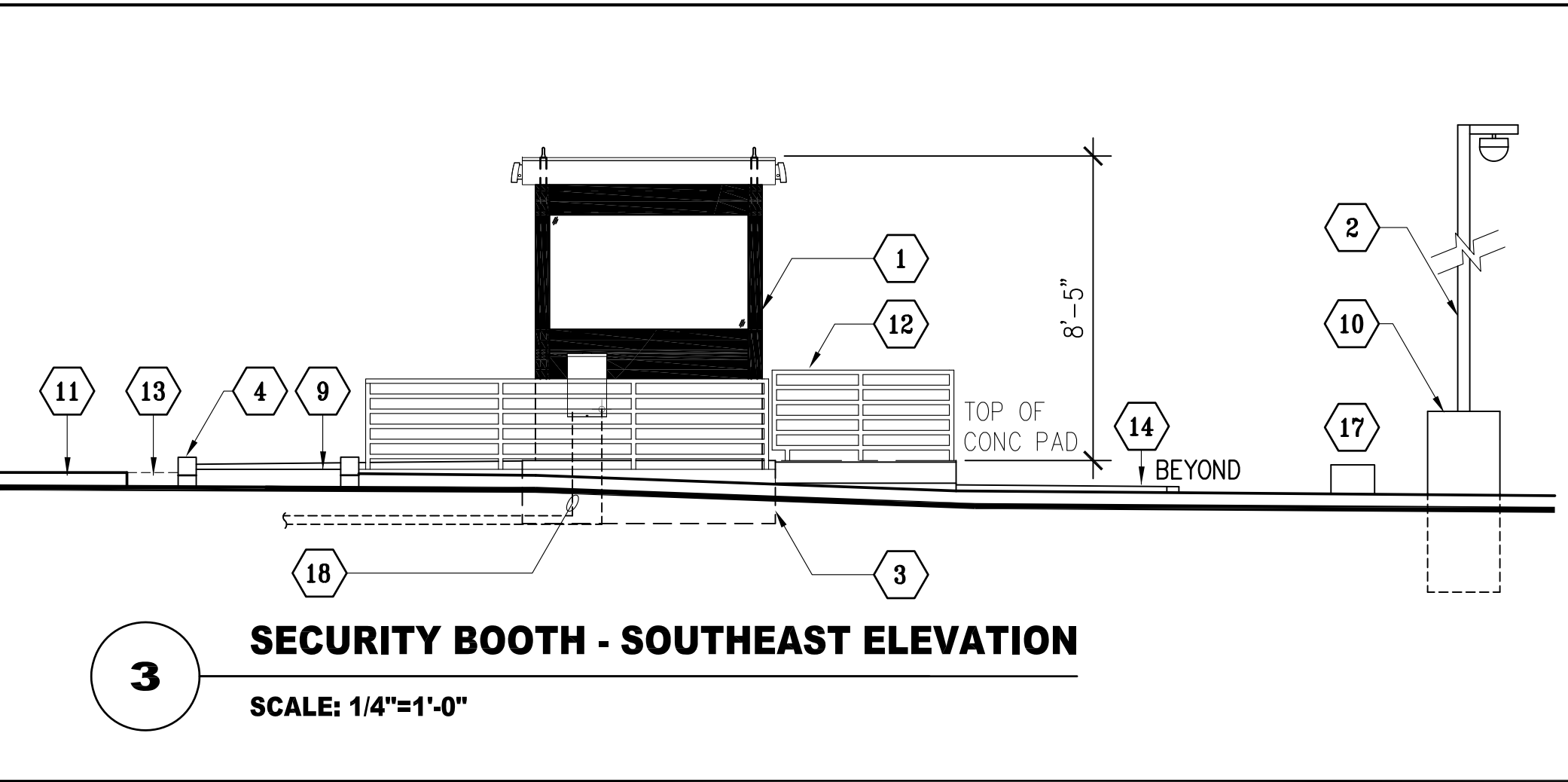
**7** SECURITY BOOTH - LONGITUDINAL SECTION  
SCALE: 1/4"=1'-0"



**4** SECURITY BOOTH - SOUTHWEST ELEVATION  
SCALE: 1/4"=1'-0"



**6** SECURITY BOOTH - TRANSVERSE SECTION  
SCALE: 1/4"=1'-0"



**3** SECURITY BOOTH - SOUTHEAST ELEVATION  
SCALE: 1/4"=1'-0"

NO.	DATE	BY	REMARKS
1		JTC	PLAN CHECK RESUBMITTAL
2		JTC	PLAN CHECK RESUBMITTAL
3		JTC	PLAN CHECK RESUBMITTAL
4		JTC	PLAN CHECK RESUBMITTAL
5		JTC	PLAN CHECK RESUBMITTAL
6		JTC	PLAN CHECK RESUBMITTAL
7		JTC	PLAN CHECK RESUBMITTAL
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16		JTC	PLAN CHECK RESUBMITTAL
17		JTC	PLAN CHECK RESUBMITTAL
18		JTC	PLAN CHECK RESUBMITTAL

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LOS ANGELES COUNTY  
PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

**CAMP GLENN ROCKEY  
SECURITY UPGRADES**

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

**JTC**  
architects, inc.  
**66 N. 1ST AVENUE, SUITE 201  
ARCADIA, CA 91008**  
T: 828.254.8884  
E: info@jtcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

**BID SET**

TITLE:

**SECTION AND ELEVATIONS -  
SECURITY BOOTH**

SCALE: AS NOTED

DATE: **02-06-25**

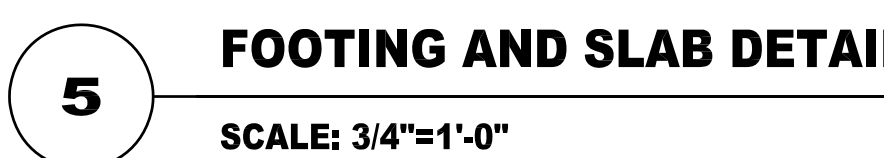
DRAWN BY: JTC

CHECKED BY: JTC

SHEET NUMBER:



**A-2.01**





1. CONTRACTOR SHALL PERFORM GROUND PENETRATING RADAR TEST BEFORE COMMENCING WORK. DOCUMENT ALL UTILITY LINES THROUGH AS-BUILT PROCESS. INFORM THE ARCHITECT OF FINDINGS.
2. PROTECT AT ALL COST EXISTING STRUCTURES, SURFACES, ON-SITE EQUIPMENTS, ETC DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DUE TO NEGLIGENCE AND OR AS RESULT OF NOT FURTHER INVESTIGATING OR FAMILIARIZING HIMSELF WITH ALL AREAS INVOLVED (NOT ONLY LIMITED TO WORK AREAS)
3. DO NOT BLOCK ANY INGRESS OR EGRESS PATHWAY OF STRUCTURE. PROVIDE A CLEAR AND UNOBSTRUCTED PATH OF TRAVEL DEEMED SAFE AS AN ALTERNATIVE WAY TO AND FROM BUILDING ENTRANCES, IF NECESSARY
4. SUBMIT CONSTRUCTION SAFETY PLAN TO OWNER FOR REVIEW AND APPROVAL
5. VERIFY LOCATION FOR APPROVAL WITH OWNER FOR STAGING AREA AS REQUIRED FOR TEMPORARY STORAGE OF DEBRIS REMOVED AND STORAGE FOR SUPPLY OF MATERIALS. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTION OF AFFECTED AREA AS A RESULT OF TEMPORARY STAGING AREA
6. PROVIDE HEAVY DUTY INDUSTRY STANDARD PAD LOCKS FOR CHAINLINK FENCE GATES

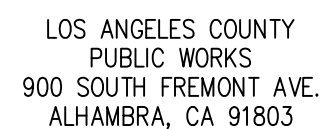
## REFERENCE NOTES

- 1 (N) ENGINE GENERATOR SHOWN DASHED. SEE ELECTRICAL.
- 2 (N) CONCRETE FOUNDATION PAD WITH RAISED HOUSEKEEPING PAD.  
SEE STRUCTURAL.
- 3 REGRADE (E) AFFECTED AREAS DUE TO (N) CONC FOUNDATION
- 4 (E) 16"Ø PALM TREE (ADVISE OWNER IF TREE HAS TO BE  
REMOVED, TO REMAIN OR RECOATED)
- 5 (E) 16"Ø PINE TREE
- 6 (E) 10"Ø POWER POLE. PROTECT-IN-PLACE DURING CONSTRUCTION
- 7 (E) 16"Ø PINE TREE
- 8 NOT USED
- 9 (E) ASPHALT CURB AND DRIVEWAY
- 10 (E) METAL STRUCTURE. DO NOT BLOCK ENTRANCE INTO  
STRUCTURE.
- 11 (E) FIRE HYDRANT
- 12 (N) 9'-6" HIGH GALVANIZED CHAINLINK FENCE AND POSTS,  
SEE 
- 13 (N) GALVANIZED CHAINLINK FENCE ACCESS GATE PANELS  
(PAIR OF 4'-0" WIDE GATES). SEE 
- 14 (N) CONCRETE STEPS AND LANDING
- 15 (E) 2" D.I. WATERLINE BELOW GROUND. RELOCATE AS NECESSARY  
TO ALLOW FOR THE CONSTRUCTION OF THE CONCRETE  
FOUNDATION PAD (COORDINATE WITH OWNER). IDENTIFY ITS  
CURRENT LOCATION BELOW GRADE AND APPLY THE 45'  
SURCHARGE GUIDELINE AREA PER DETAIL.
- 16 (N) GALVANIZED METAL STANDARD PIPE RAILS
- 17 (N) STEEL GUIDE WIRES FOR BRACING VENT PIPE SEE STRUCT
- 18 PROVIDE HDPE TUBULAR SLATS INSERTS FOR CHANILNK FENCE ON  
ALL SIDES INCLUDING GATE OPENINGS. PROVIDE SLATS ENTIRE  
HEIGHT OF FENCING, SEE LINK BELOW:  
PRIVACY FENCE SLATS S-25653 - ULINE
- 19 (N) EMERGENCY STOP SWITCH  
FOR GENERATOR. SECURE TO  
(N) FENCE POST @ 4'-6"  
ABOVE GRADE.
- SPEC 7879**
- BUILDING PLAN CHECK

BLDC240417000421



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
PROJECT :

## CAMP GLENN ROCKEY SECURITY UPGRADES

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

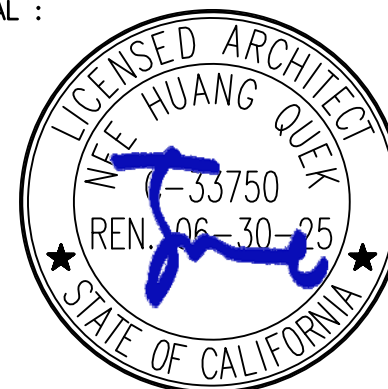
 **JTC**  
architects, inc.

**65 N. 18TH AVENUE, SUITE 201  
ARCADIA, CA 91006**

T: 626-254-8884  
E: [info@jtcarch.com](mailto:info@jtcarch.com)

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

## BID SET

TITLE:

### SECTION AND ELEVATIONS - ENGINE GENERATOR

SCALE: AS NOTED

DATE: 02-06-25

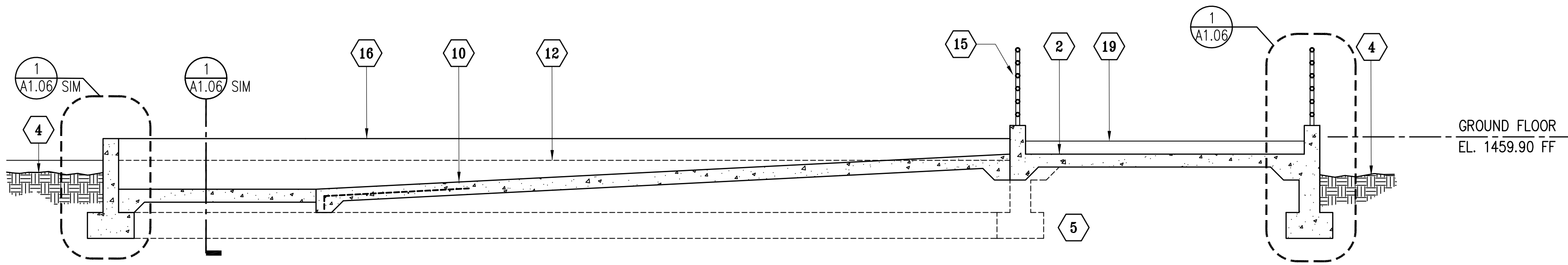
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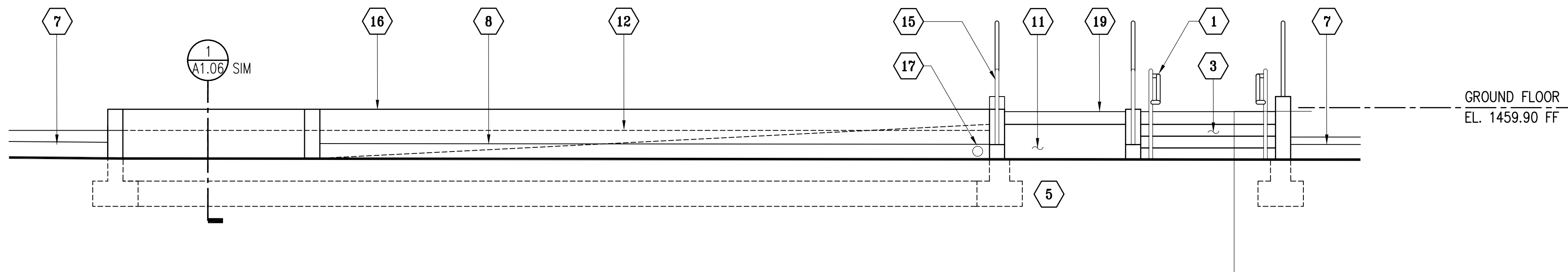
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**A-2.02**

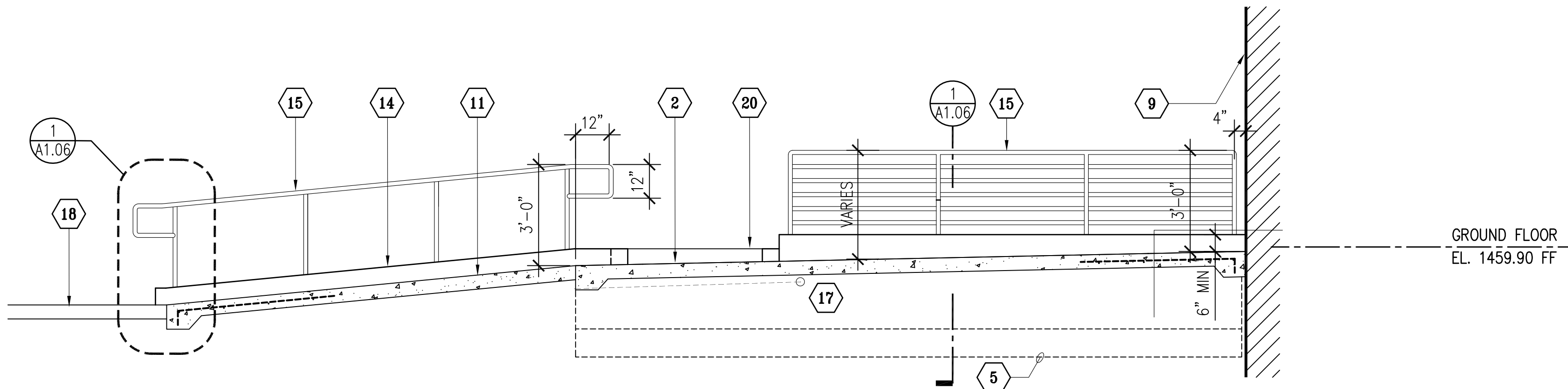




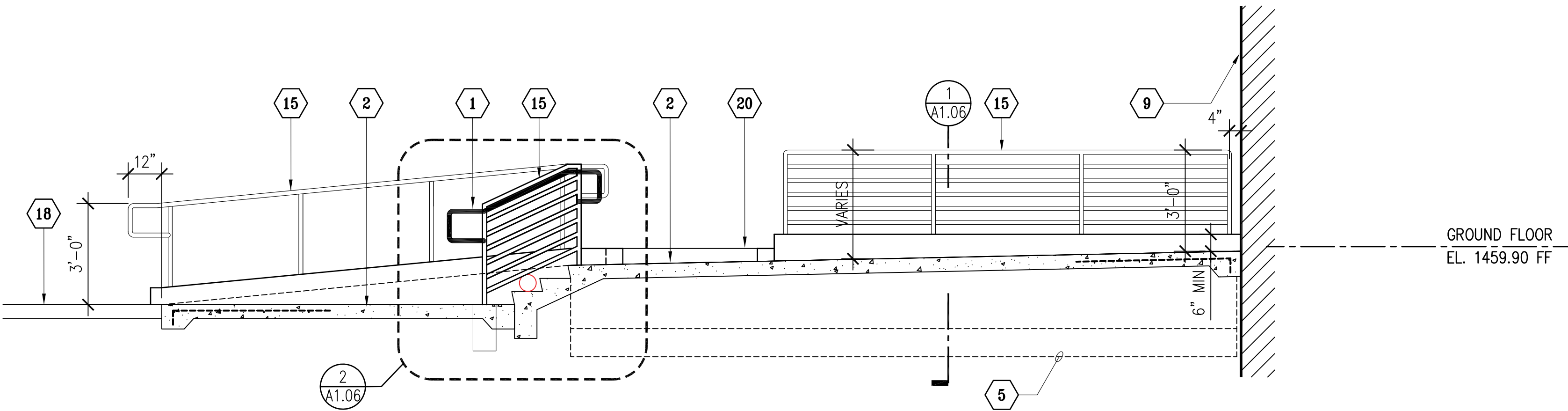
**4** SECTION AT BUILDING ENTRANCE - WALKWAY  
SCALE: 3/8"=1'-0"



**3** BUILDING ENTRANCE - WEST ELEVATION  
SCALE: 3/8"=1'-0"



**2** SECTION AT BUILDING ENTRANCE - ADA RAMP  
SCALE: 3/8"=1'-0"



**1** SECTION AT BUILDING ENTRANCE - STAIR  
SCALE: 3/8"=1'-0"

REFERENCE NOTES

- 1 (N) 30" HIGH GALVANIZED STANDARD METAL HANDRAIL (PAINTED BLACK) SEE 14 A1.06
- 2 (N) CONCRETE SLAB ON GRADE
- 3 (N) CONCRETE STEPS
- 4 (E) NATURAL GRADE, FINISHED SURFACE ELEVATION VARIES
- 5 (N) CONCRETE FOUNDATION BEYOND SHOWN DASHED FOR REFERENCE
- 6 (E) ASPHALT PAVING FINISHED SURFACE
- 7 (E) CONCRETE CURB
- 8 (N) CONCRETE CURB
- 9 (E) BUILDING FACE
- 10 (N) WALKING SURFACE CONCRETE SLAB ON GRADE WITH NON-SLIP BROOM FINISHED
- 11 (N) ADA RAMP CONCRETE SLAB ON GRADE WITH NON-SLIP BROOM FINISHED
- 12 (N) CONCRETE SWALE SHOWN DASHED FOR REFERENCE
- 13 (N) ADA HC SIGNS ON GALVANIZED METAL POLES (PAINTED BLACK)
- 14 (N) CONCRETE CURBS AT ADA RAMP
- 15 (N) 36" HIGH GALVANIZED STANDARD METAL RAILINGS (PAINTED BLACK)
- 16 (N) CONCRETE STEM WALL AND FOOTING
- 17 (N) PVC PIPE DRAIN THRU CONCRETE STEM WALL, DAYLIGHT PIPE THRU (N) CONCRETE CURB
- 18 (N) ASPHALT PAVING
- 19 (N) CONCRETE SLAB ON GRADE BEYOND SET AT 1/2" LOWER THAN (E) GROUND FLOOR LEVEL
- 20 (N) CONCRETE STEM WALL BEYOND
- 21 (N) CONCRETE SWALE

**SPEC 7879**

BUILDING PLAN CHECK  
APPLICATION NUMBER:  
BLDC240417000421

DATE:	NO.	REMARKS:	BY:	DATE:	NO.	REMARKS:	BY:
6-10-24	1	PLAN CHECK RESUBMITTAL	JTC	11-6-24	1	PLAN CHECK RESUBMITTAL	JTC
9-04-24	2	PLAN CHECK RESUBMITTAL	JTC	11-19-24	2	PLAN CHECK RESUBMITTAL-FIRE	JTC

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PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

**CAMP GLENN ROCKEY  
SECURITY UPGRADES**

LOCATION :

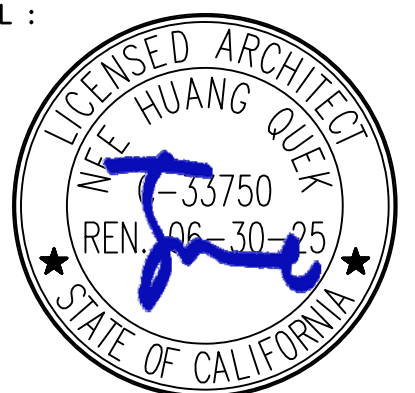
**1900 N. SYCAMORE ROAD,  
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ARCHITECT :

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architects, inc.  
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T: 828-254-8884  
E: info@jtcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

**BID SET**

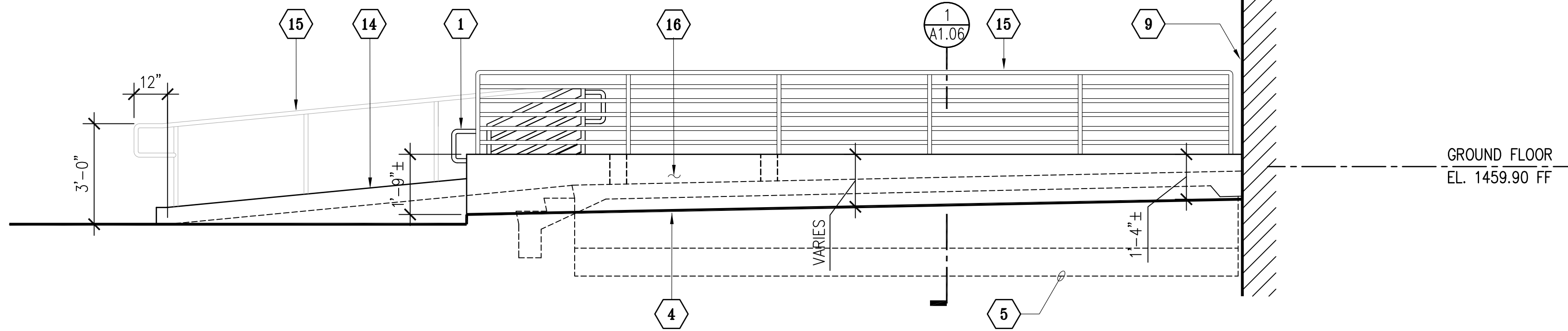
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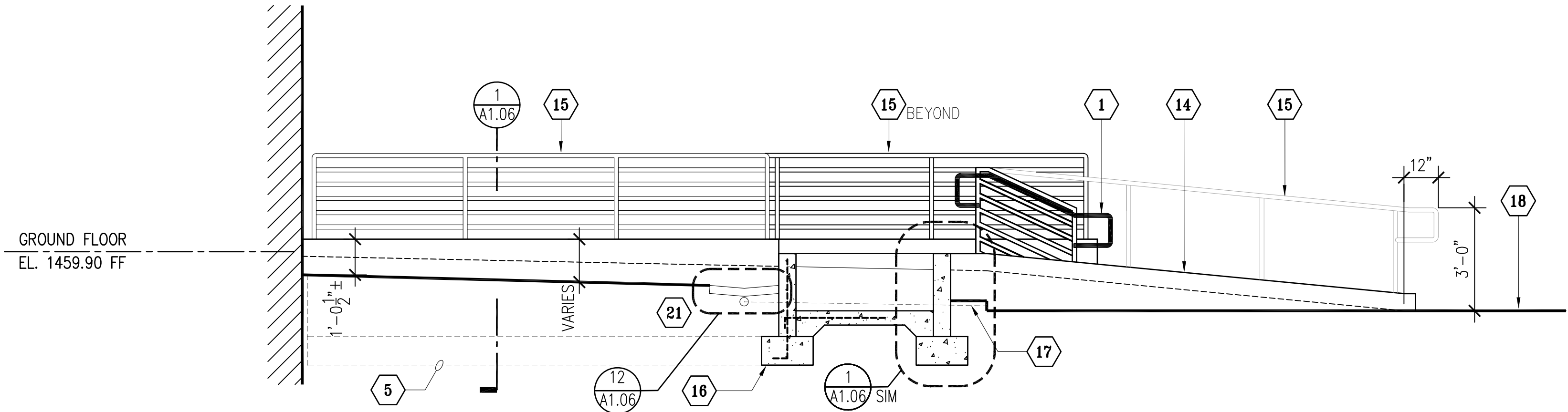
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CHECKED BY: JTC  
SHEET NUMBER:

**A-3.01**

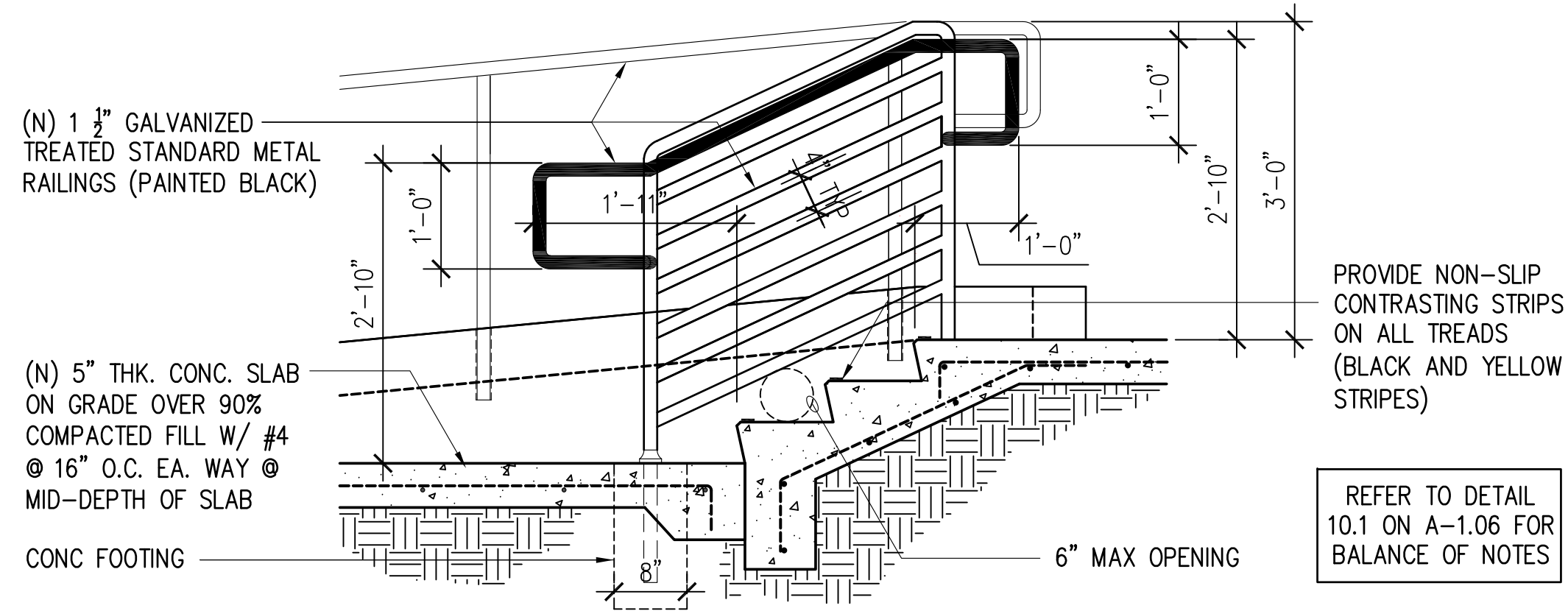




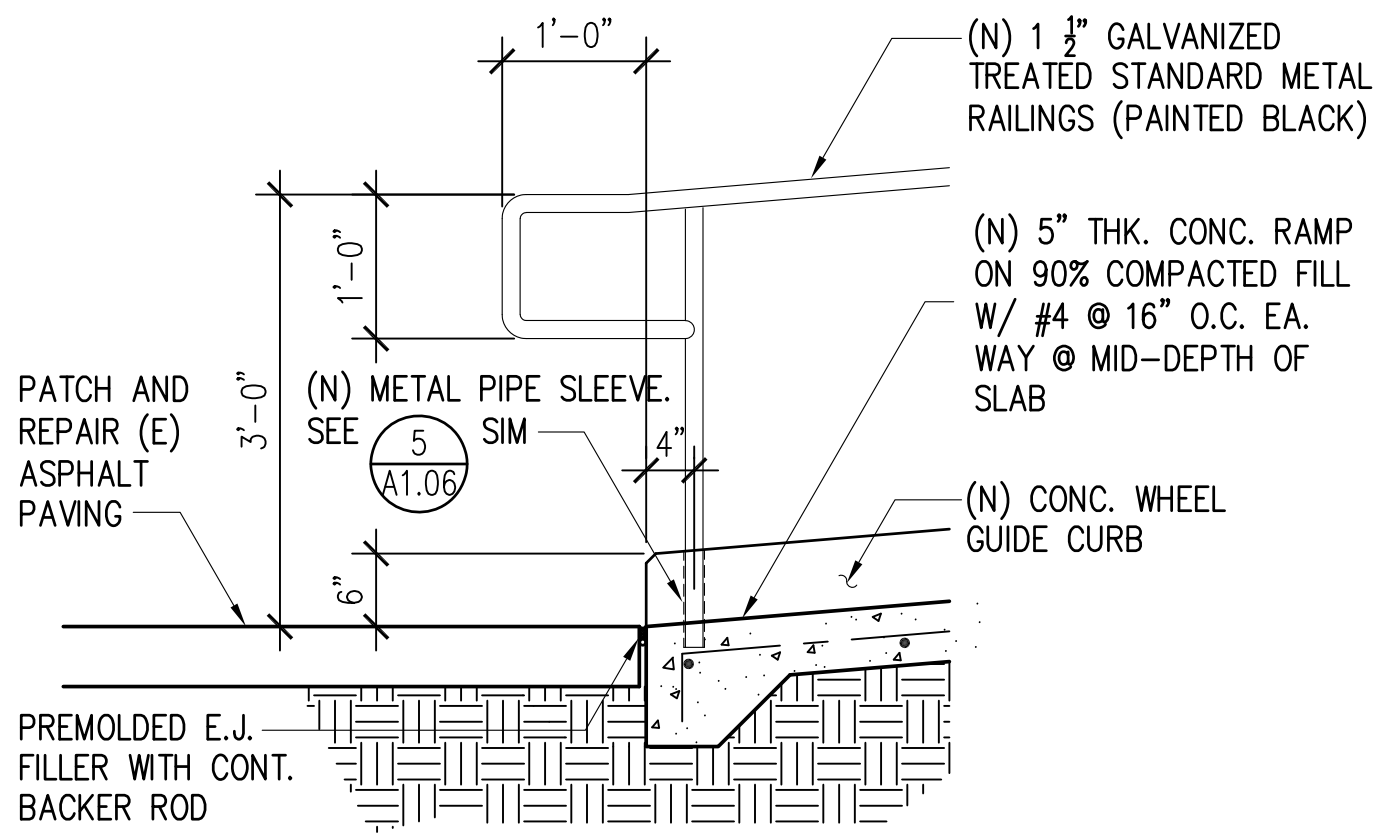
**4 BUILDING ENTRANCE - SOUTH ELEVATION**  
SCALE: 3/8"=1'-0"



**3 SECTIONS THRU WALKWAY**  
SCALE: 3/8"=1'-0"



**2 SECTION THRU STAIR**  
SCALE: 3/4"=1'-0"



**1 RAILING DETAIL**  
SCALE: 3/4"=1'-0"

REFERENCE NOTES

- 1 (N) 30" HIGH GALVANIZED STANDARD METAL HANDRAIL (PAINTED BLACK) SEE 14 A1.06
- 2 (N) CONCRETE SLAB ON GRADE
- 3 (N) CONCRETE STEPS
- 4 (E) NATURAL GRADE. FINISHED SURFACE ELEVATION VARIES
- 5 (N) CONCRETE FOUNDATION BEYOND SHOWN DASHED FOR REFERENCE
- 6 (E) ASPHALT PAVING FINISHED SURFACE
- 7 (E) CONCRETE CURB
- 8 (N) CONCRETE CURB
- 9 (E) BUILDING FACE
- 10 (N) WALKING SURFACE CONCRETE SLAB ON GRADE WITH NON-SLIP BROOM FINISHED
- 11 (N) ADA RAMP CONCRETE SLAB ON GRADE WITH NON-SLIP BROOM FINISHED
- 12 (N) CONCRETE SWALE SHOWN DASHED FOR REFERENCE
- 13 (N) ADA HC SIGNS ON GALVANIZED METAL POLES (PAINTED BLACK)
- 14 (N) CONCRETE CURBS AT ADA RAMP
- 15 (N) 36" HIGH GALVANIZED STANDARD METAL RAILINGS (PAINTED BLACK)
- 16 (N) CONCRETE STEM WALL AND FOOTING
- 17 (N) PVC PIPE DRAIN THRU CONCRETE STEM WALL. DAYLIGHT PIPE THRU (N) CONCRETE CURB
- 18 (N) ASPHALT PAVING
- 19 (N) CONCRETE SLAB ON GRADE BEYOND SET AT 1/2" LOWER THAN (E) GROUND FLOOR LEVEL
- 20 (N) CONCRETE STEM WALL BEYOND
- 21 (N) CONCRETE SWALE

**DETAIL**  
SCALE: 3/8"=1'-0"

**DETAIL**  
SCALE: 3/8"=1'-0"

**DETAIL**  
SCALE: 3/8"=1'-0"

**DETAIL**  
SCALE: 3/8"=1'-0"

**SPEC 7879**

BUILDING PLAN CHECK  
APPLICATION NUMBER:  
BLDC240417000421

DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:	DATE:	NO.	REMARKS:
6-10-24	1	PLAN CHECK RESUBMITTAL	11-6-24	1	PLAN CHECK RESUBMITTAL	12-15-24	1	PLAN CHECK RESUBMITTAL	12-15-24	1	PLAN CHECK RESUBMITTAL
9-04-24	1	PLAN CHECK RESUBMITTAL	11-19-24	1	PLAN CHECK RESUBMITTAL-FIRE	12-15-24	1	PLAN CHECK RESUBMITTAL-FIRE	12-15-24	1	PLAN CHECK RESUBMITTAL-FIRE

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LOS ANGELES COUNTY  
PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

**CAMP GLENN ROCKEY  
SECURITY UPGRADES**

LOCATION :

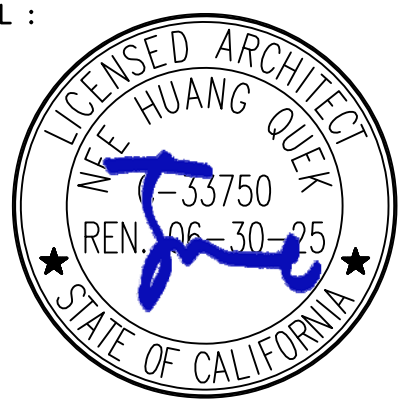
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JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

**BID SET**

TITLE:

**SECTION AND ELEVATIONS**

SCALE:	AS NOTED
DATE:	02-06-25
DRAWN BY:	JTC
CHECKED BY:	JTC
SHEET NUMBER:	

**A-3.02**



ABBREVIATIONS:

CODES/INSTITUTIONS/ASSOCIATIONS

ACI AMERICAN CONCRETE INSTITUTE

AF&PA (NDS) AMERICAN FOREST & PAPER ASSOCIATION (NDS)

AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION

AISI AMERICAN IRON AND STEEL INSTITUTE

APA-EWA APA-ENGINEERED WOOD ASSOCIATION

ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

AWS AMERICAN WELDING SOCIETY

CBC CALIFORNIA BUILDING CODE

CRSI CONCRETE REINFORCING STEEL INSTITUTE

DSA DIVISION OF THE STATE ARCHITECT

HCAI DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION

IBC INTERNATIONAL BUILDING CODE

NDS NATIONAL DESIGN SPECIFICATIONS

SDI STEEL DECK INSTITUTE

SJI STEEL JOIST INSTITUTE

SSMA STEEL STUD MANUFACTURERS ASSOCIATION

SYMBOLS

# POUND, NUMBER, QUANTITY

@ AT

< LESS THAN

> GREATER THAN

± PLUS OR MINUS

° DEGREE

Ø DIAMETER

ABBREVIATIONS

AB ANCHOR BOLT

ADDL ADDITIONAL

ADJ ADJACENT

ALT ALTERNATE

APPROX APPROXIMATE, APPROXIMATELY

ARCH ARCHITECT, ARCHITECTURAL

BLKG BLOCKING, BLOCK

BM BEAM

BOT BOTTOM

BTWN BETWEEN

CALCS CALCULATIONS

CG CENTER OF GRAVITY

CL CENTERLINE

CLR CLEAR

CMU CLEAR, CLEARANCE

COL CONCRETE MASONRY UNIT

CONC CONCRETE

CONN CONNECT, CONNECTION

CONT CONTINUOUS

DB BAR DIAMETER (REBAR)

DBL DOUBLE

DIA DIAMETER

DIAG DIAGONAL

DIM DIMENSION

DWG DRAWING

(E) EXISTING

EA EACH

EF EACH FACE

ELEC ELECTRICAL

EMBED EMBED, EMBEDDED, EMBEDMENT

ENR ENGINEER OF RECORD

EQ EQUAL

EQUIP EQUIPMENT

EW EACH WAY

EXP EXPANSION

EXT EXTERIOR

FDN FOUNDATION

FTG FOOTING

GA GAUGE

GALV GALVANIZE

HEX HEXAGONAL

HORIZ HORIZONTAL

ID INSIDE DIAMETER

INFO INFORMATION

IOR INSPECTOR OF RECORD

K KIPS (1000#)

KB-TZ2 HILTI KWIK BOLT T22 (ANCHOR)

KSF KIPS PER SQUARE FOOT

KSI KIPS PER SQUARE INCH

LBS POUNDS

LD DEVELOPMENT LENGTH

LDH HOOK DEVELOPMENT LENGTH

LL LIVE LOAD

LLH LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL

LOCS LOCATIONS

LONG LONGITUDINAL

LS LAP SPlice LENGTH

LVL LAMINATED VENEER LUMBER

LTWT LIGHT-WEIGHT

LWT LIGHT-WEIGHT

GENERAL STRUCTURAL NOTES:

DESIGN CRITERIA:  
CODE OF RECORD: 2022 EDITION, CALIFORNIA BUILDING CODE

DESIGN LOADS:  
BASIC WIND SPEED 95 MPH (3-SECOND GUST)  
WIND EXPOSURE CATEGORY C  
ANALYSIS PROCEDURE SEISMIC DESIGN FOR NONSTRUCTURAL COMPONENTS (ASCE 7-16, CHAPTER 13)  
RISK CATEGORY II  
SEISMIC SITE CLASS D  
SEISMIC DESIGN CATEGORY D  
SPECTRAL RESPONSE ACCELERATIONS S<sub>s</sub> = 1.713g, S<sub>0.5</sub> = 1.142g  
SEISMIC IMPORTANCE FACTOR, I<sub>e</sub> 1.0  
GENERATOR:  
COMPONENT AMPLIFICATION FACTOR a<sub>p</sub> = 2.5  
COMPONENT RESPONSE MODIFICATION FACTOR R<sub>b</sub> = 2.0  
OVERSTRENGTH FACTOR Q<sub>b</sub> = 2.0

1. GOVERNING CODE AUTHORITY FOR THIS PROJECT: LOS ANGELES COUNTY AND IS REFERRED TO AS "THE GOVERNING AGENCY" IN THESE AND OTHER STRUCTURAL NOTES SECTIONS.

2. GENERAL NOTES AND TYPICAL DETAILS SHALL APPLY TO ALL PARTS OF THE JOB, EXCEPT WHERE THEY MAY DIFFER WITH DETAILS AND NOTES ON OTHER SHEETS, IN WHICH CASE THE DETAILS AND NOTES ON OTHER SHEETS SHALL GOVERN. DETAIL MARKS WITH "SM" NOTED INDICATES THAT DETAIL CONTAINS MODIFIED INFORMATION APPLICABLE TO THE CONDITION REFERENCED.

3. SEE MECHANICAL, ELECTRICAL OR PLUMBING (MEP) DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS (EXCEPT AS NOTED), INSERTS, FINISHES, ETC., FOR DETAILS (EXCEPT AS SHOWN), AND FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS. WHERE DIMENSIONS DIFFER BETWEEN PLANS, NOTIFY SEOR AND AWAIT DIRECTION PRIOR TO PROCEEDING WITH WORK.

4. DO NOT INSERT MECHANICAL, ELECTRICAL OR PLUMBING (MEP) SLEEVES, PIPES OR CONDUIT IN CONCRETE WITHOUT PRIOR APPROVAL OF THE SEOR, TYPICAL UNLESS NOTED OTHERWISE ON PLAN.

5. OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE SEOR PRIOR TO PROCEEDING WITH ANY WORK INVOLVED.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND THE SEOR AND SHALL BE RESOLVED PRIOR TO PROCEEDING WITH THE WORK.

7. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST CURRENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE SEOR SO THAT THE PROPER REVISION MAY BE MADE. MODIFICATIONS OF CONSTRUCTION DETAILS SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE SEOR.

8. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING BUT NOT LIMITED TO BRACING, SHORING AND LAYDOWN OF CONSTRUCTION MATERIALS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY CONSTRUCTION LOADING, INCLUDING LOADING FROM EQUIPMENT SUCH AS SKIP LOADERS, SCISSOR LIFTS, ETC., ON ALL PORTIONS OF THE STRUCTURE, WHETHER ELEVATED OR ON-GRADE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PATH-OF-TRAVEL FOR MOVING PERMANENT EQUIPMENT TO ITS FINAL LOCATION, INCLUDING THE EFFECTS OF TEMPORARY LOADING AS THE EQUIPMENT IS INSTALLED. THE CONTRACTOR MAY USE THE "DESIGN LOADS" INFORMATION PROVIDED ABOVE WHEN CONSIDERING TEMPORARY CONSTRUCTION LOADING CONDITIONS.

10. OBSERVATION VISITS TO THE SITE BY FIELD REPRESENTATIVES OF THE ARCHITECT/SEOR SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OF THE CONSTRUCTION PROCEDURES. ANY SUPPORT SERVICES PERFORMED BY THE ARCHITECT/SEOR DURING THE CONSTRUCTION SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED SPECIAL INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED BY THE ARCHITECT/SEOR, WHETHER OF MATERIAL OR WORK, AND WHETHER PERFORMED PRIOR TO, DURING OR AFTER COMPLETION OF CONSTRUCTION, ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DOCUMENTS, BUT DO NOT GUARANTEE CONTRACTOR'S PERFORMANCE, AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.

11. ASTM DESIGNATIONS AND ALL STANDARDS REFER TO THE LATEST ADOPTED AMENDMENTS.

12. WHEN THE ALLOWANCE FOR SUBSTITUTION OF A SPECIFIED MATERIAL OR PRODUCT DESIGNATION IS IMPLIED ON THE DESIGN DRAWINGS BY THE USE OF THE WORDS "OR APPROVED EQUAL," APPROVAL SHALL BE OBTAINED FROM THE SEOR AND THE GOVERNING AGENCY PRIOR TO FABRICATION OR INSTALLATION OF THE SUBSTITUTED MATERIAL OR PRODUCT.

13. DIMENSIONS SHALL GOVERN OVER SCALES SHOWN ON DRAWINGS.

14. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS WHO SHALL PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION WHEN SO SPECIFIED ON THE CONTRACT DRAWINGS AND SPECIFICATIONS FOR CERTAIN TYPES OF WORK. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE HIS COMPETENCE, TO THE SATISFACTION OF THE GOVERNING AGENCY, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE DESIGN DRAWINGS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE SEOR AND TO THE GOVERNING AGENCY. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, TO THE SEOR AND TO THE GOVERNING AGENCY. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF HIS KNOWLEDGE, IN CONFORMANCE WITH THE DESIGN DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISION OF THE CODE AND OTHER APPLICABLE REGULATIONS IDENTIFIED ON THE PLANS OR IN THE PROJECT SPECIFICATIONS.

15. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER (BEAM, COLUMN, SHEARWALL, GRADE BEAM, ETC.) SHALL BE CUT, DRILLED OR NOTCHED WITHOUT PRIOR AUTHORIZATION FROM THE SEOR AND THE GOVERNING AGENCY.

16. DIMENSIONS OF EQUIPMENT ANCHOR/ MOUNTING LOCATIONS AND SIZE OF ANCHORAGE BRACKETS SHOWN ON PLANS AND/OR DETAILS ARE TO BE COORDINATED WITH ACTUAL EQUIPMENT TO BE INSTALLED. CONTRACTOR TO VERIFY THE EXACT SIZE AND LOCATION OF ALL EQUIPMENT ANCHOR/ MOUNTING HOLES LOCATIONS AND SIZE OF ANCHORAGE BRACKETS PRIOR TO INSTALLATION. WHERE ACTUAL EQUIPMENT DIMENSIONS DO NOT FALL WITHIN THE MINIMUM OR MAXIMUM DIMENSIONS PROVIDED ON PLANS AND/OR DETAILS OR THE ANCHORAGE BRACKETS ARE NOT THE CORRECT SIZE TO ALLOW FOR PROPER INSTALLATION OF THE EQUIPMENT, NOTIFY SEOR AND AWAIT DIRECTION PRIOR TO PROCEEDING WITH WORK.

SHOP DRAWINGS:

A. SHOP DRAWINGS, INCLUDING CONCRETE MIX DESIGNS, SHALL BE SUBMITTED TO THE SEOR FOR REVIEW PRIOR TO FABRICATION OR USE. A SCHEDULE FOR THE RELEASE OF SHOP DRAWING SUBMITTALS SHALL BE PREPARED BY THE CONTRACTOR AND REVIEWED BY THE ARCHITECT/SEOR PRIOR TO THE START OF FABRICATION OR CONSTRUCTION. THIS SUBMITTAL SCHEDULE SHALL PROPORTION THE NUMBER OF SHOP DRAWINGS TO BE REVIEWED IN EACH SUBMITTAL TO ALLOW SUFFICIENT TIME AS DEEMED REASONABLE IN THE PROFESSIONAL JUDGMENT OF THE ARCHITECT/SEOR TO PERMIT ADEQUATE REVIEW. SHOP DRAWINGS SHALL REFERENCE THE LATEST REVISION OF EACH STRUCTURAL DESIGN DRAWING USED TO DETAIL FROM. SUBMITTALS THAT DO NOT IDENTIFY THE LATEST REVISION OF STRUCTURAL PLANS SHALL BE RETURNED WITHOUT REVIEW, FOR THE DETAILER TO UPDATE AND RESUBMIT. THE DETAILING ON EACH SHOP DRAWING SHALL BE COMPLETE BEFORE RELEASING FOR REVIEW THE SUBMITTAL CONTAINING THAT SHOP DRAWING. IF THE SUBMITTAL MUST BE REVISED, IT SHALL IDENTIFY EACH REVISION AND/OR ADDITION TO EACH SHOP DRAWING BY CLOUDING OR OTHER MEANS, TO ENSURE THEIR IDENTIFICATION FOR REVIEW.

B. SHOP DRAWINGS AND CONCRETE MIX DESIGNS WILL NOT BE ACCEPTED BY THE SEOR DIRECTLY FROM THE PROJECT SUB-CONTRACTORS. SHOP DRAWINGS AND CONCRETE DESIGN MIXES WILL BE ACCEPTED FROM THE GENERAL CONTRACTOR ONLY AFTER THEY HAVE BEEN REVIEWED AND SIGNED BY THE GENERAL CONTRACTOR, INDICATING COMPLIANCE WITH HIS REQUIREMENTS AND THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. SHOP DRAWINGS NOT COMPLYING WITH THE INSTRUCTIONS IN BOTH NOTES A AND B WILL BE RETURNED BY THE SEOR WITHOUT REVIEW.

FOUNDATIONS:

1. RECOMMENDATIONS CONTAINED IN THE PROJECT GEOTECHNICAL/SOILS REPORT AS LISTED BELOW WERE USED FOR THE STRUCTURAL DESIGN OF FOUNDATIONS AND EARTH RETAINING ELEMENTS CONTAINED HEREIN. IF IT IS DETERMINED THAT ANY OF THE RECOMMENDATIONS IN THE PROJECT REPORT AFFECTING CONSTRUCTION WILL NOT BE FOLLOWED, A FORMAL CHANGE ORDER SHALL BE PREPARED WITH ADEQUATE TIME FOR PROCESSING APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD, THE GEOTECHNICAL ENGINEER AND THE GOVERNING AGENCY. MHP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE RECOMMENDATIONS CONTAINED WITHIN THE PROJECT REPORT.

A. REPORT TITLE: PROPOSED CAMP GLENN ROCKEY SECURITY UPGRADES PROJECT

B. REPORT OR PROJECT NUMBER: W1500-06-08

C. PREPARED BY: GEOCON WEST, INC.

D. DATED: NOVEMBER 14, 2023

2. THE FOLLOWING DESIGN PARAMETERS WERE USED AS THE BASIS FOR ALLOWABLE FOUNDATION LOADS AND SOIL PRESSURES:  
A. ALLOWABLE SOIL BEARING PRESSURES:  
• MAT FOUNDATION: 2,000 PSF  
B. ALLOWABLE INCREASES FOR SOIL PRESSURE:  
• FOR LOAD COMBINATIONS INCLUDING WIND OR SEISMIC, A ONE-THIRD (1/3) INCREASE IS ALLOWED.  
C. MODULES OF SUBGRADE REACTION: 150 PCI  
D. RESISTANCE TO SLIDING:  
• FRICTION COEFFICIENT: 0.43 X DEAD LOAD (SLABS WITHOUT MOISTURE BARRIER)  
0.15 X DEAD LOAD (SLABS WITH MOISTURE BARRIER)  
• PASSIVE PRESSURE: 270 PCF (2,700 PSF MAXIMUM)  
• WHEN COMBINED, REDUCE PASSIVE PRESSURE BY 1/3.

3. ALL SITE FILL, INCLUDING BACKFILL FOLLOWING OVER-EXCAVATION, IF REQUIRED, SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, IF APPLICABLE, AND ASTM TEST METHOD D-1557. FLOODING IS NOT PERMITTED AND SHALL NOT BE USED FOR COMPACTION PURPOSES.

4. ALL FILL AND BACKFILL EXTENTS AND MATERIAL SHALL BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.

5. ALL FOUNDATION EXCAVATIONS SHALL BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF REINFORCING OR OTHER ELEMENTS WHICH MAKE THE EXCAVATIONS INACCESSIBLE FOR ANY CORRECTIVE WORK DEEMED NECESSARY FOR APPROVAL.

6. WATER SHALL BE REMOVED FROM FOUNDATION EXCAVATION PRIOR TO PLACING OF CONCRETE. CARE SHALL BE TAKEN TO AVOID DRYING OUT UNDERLYING NATURAL SOILS.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEQUENCING AND SHORING, ETC., NECESSARY TO SUPPORT CUT AND/OR FILL BANKS DURING EXCAVATION AND FORMING AND PLACEMENT OF CONCRETE. CARE SHALL BE TAKEN TO AVOID DISTURBING SOILS AROUND AND/OR SUPPORTING EXISTING FOUNDATIONS AND UTILITIES.

8. SEE SPECIAL INSPECTION GENERAL NOTES FOR INSPECTION REQUIREMENTS.

REINFORCING STEEL:

1. DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO STANDARDS AND RECOMMENDATIONS CONTAINED WITHIN THE CRSI "MANUAL OF STANDARD PRACTICE". DETAILING FABRICATION AND PLACING OF WELDED WIRE REINFORCING SHALL CONFORM TO THE STANDARDS AND RECOMMENDATIONS CONTAINED WITHIN THE WRI "MANUAL OF STANDARD PRACTICE - STRUCTURAL WELDED WIRE REINFORCEMENT".

2. REINFORCING BARS (REBAR), STEEL WELDED WIRE REINFORCING (WWR), AND TIE WIRE USED TO SECURE REBAR AND WWR SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS, UNO:  
A. REINFORCING, (ALL BAR SIZES, UNO): ASTM A-615, GR 60  
B. REINFORCING BARS TO BE WELDED (ALL BAR SIZES UNO): ASTM A-706, GR 60  
C. WELD WIRE REINFORCING: ASTM A-1064  
D. TIE WIRE: ASTM A-82

3. ALL REINFORCING STEEL SHALL BE BENT COLD. GRADE 60 BARS MAY ONLY BE BENT ONCE, STRAIGHTENING AND/OR RE-BENDING IS NOT ALLOWED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SEQUENCE PLACEMENT OF REINFORCING SUCH THAT INCIDENTAL BENDING DOES NOT OCCUR.

4. PRIOR TO PLACING CONCRETE, REINFORCING STEEL, INCLUDING WWR, AND OTHER EMBEDDED ITEMS SHALL BE WELL-SECURED IN POSITION AND SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR BOND. WHERE TWO LAYERS OF REINFORCING STEEL ARE REQUIRED (I.E. FOOTING PADS OR SLABS) PROVIDE APPROPRIATE CHAIRS TIED TO AND SUPPORTED BY LOWER MAT OF REINFORCING TO SUPPORT THE UPPER MAT OF REINFORCING. "HOOK AND PULL" METHODS SHALL NOT BE ALLOWED.

5. CONCRETE PROTECTION FOR REINFORCING BARS SHALL BE AT LEAST EQUAL TO THE DIAMETER OF THE BAR. MINIMUM COVER FOR CAST IN PLACE CONCRETE SHALL BE AS FOLLOWS:  
A. CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND: 3"  
B. EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:  
• ALL MEMBERS, ALL REINFORCEMENT: 2"  
• ALL MEMBERS, #5, #31 OR D31 WIRE AND SMALLER 1 1/2"  
C. NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:  
• SLABS, JOISTS, WALLS, #14 AND #18 BARS: 1 1/2"  
• SLABS, JOISTS, WALLS, #11 BARS AND SMALLER: 3/4"  
• BEAMS, COLUMNS, PRIMARY REINF, STIRRUPS, TIES, SPIRALS AND HOOPS: 1 1/2"

6. MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A SINGLE LAYER SHALL NOT BE LESS THAN 1 1/2". 4/3 TIMES LARGEST AGGREGATE, 1 1/2 TIMES DIAMETER OF THE LARGER BAR, WHICHEVER IS GREATER. WHERE PARALLEL REINFORCING IS PLACED IN TWO OR MORE LAYERS, BARS IN THE UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE THE BARS IN LOWER LAYERS WITH NOT LESS THAN 1" CLEAR SPACE BETWEEN LAYERS.

7. DEVELOPMENT AND LAP SPlice LENGTHS FOR REINFORCING STEEL AND WELDED WIRE REINFORCING SHALL BE AS NOTED ON PLANS AND DETAILS CONTAINED THEREIN, WHERE SPlice LOCATIONS ARE NOT SPECIFICALLY INDICATED, SPLICES SHALL BE STAGGERED A MINIMUM OF ONE (1) LAP LENGTH, WHERE SPECIFIC LAP LENGTH REQUIREMENTS ARE NOT SPECIFICALLY SHOW ON PLANS, THE FOLLOWING MINIMUM LENGTHS SHALL BE USED:  
A. REBAR IN CONCRETE: SEE TYPICAL DETAILS  
B. REBAR IN MASONRY: SEE TYPICAL DETAILS  
C. WWR IN CONCRETE: 1 1/2 X WIRE GRID SPACES (9" MIN)

8. COMPLETE REINFORCING PLACEMENT DRAWINGS (SHOP DRAWINGS) SHALL BE PREPARED IN ACCORDANCE WITH ACI 315 AND SHALL BE SUBMITTED TO THE SEOR FOR REVIEW PRIOR TO FABRICATION. APPROVED SHOP DRAWINGS SHALL BE MADE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE. SEE SUBMITTALS SECTION OF THE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

9. CONTRACTOR SHALL SCHEDULE SPECIAL INSPECTIONS SO THAT BAR SIZE, SPACING, LAP SPlice AND EMBEDMENT LENGTH OF REINFORCING BARS, AND THE LOCATION OF CONDUIT, SLEEVES AND EMBEDDED ITEMS, MAY BE CORRECTED, IF NECESSARY, PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL AND/OR PLACEMENT OF CONCRETE.

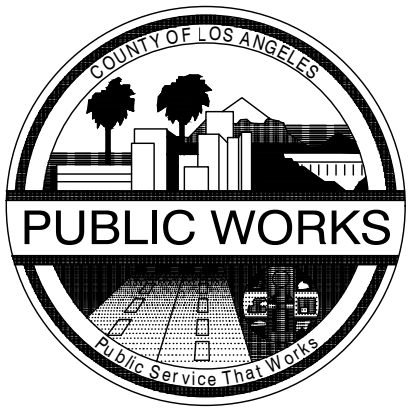
10. WHEN CALLED FOR ON PLANS, WELDING OF REINFORCING STEEL, INCLUDING DETAILS, PROCEDURES, AND WORKMANSHIP, SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AWS D14 - "STRUCTURAL WELDING CODE - REINFORCING STEEL" AS PUBLISHED BY THE AMERICAN WELDING SOCIETY. THE FOLLOWING ADDITIONAL CRITERIA SHALL BE MET:  
A. DEFORMED STEEL BARS CONFORMING TO ASTM A-706, GRADE 60 MAY BE WELDED WITHOUT QUALIFICATION.  
B. REINFORCING STEEL CONFORMING TO ASTM A-615, GRADE 60, WITH A CARBON EQUIVALENT OF 0.65% OR LESS, AS ESTABLISHED BY THE MANUFACTURER'S CHEMICAL ANALYSIS, MAY BE WELDED WITHOUT PRIOR QUALIFICATIONS TESTS.  
C. REINFORCING STEEL WITH A CARBON EQUIVALENT GREATER THAN 0.65% AND LESS THAN OR EQUAL TO 0.75%, AS ESTABLISHED BY THE MANUFACTURER'S CHEMICAL ANALYSIS, SHALL NOT BE WELDED UNLESS PRIOR QUALIFICATION TESTS VERIFY ACCEPTABLE WELDABILITY.  
D. REINFORCING STEEL WHOSE CHEMISTRY FOR CARBON EQUIVALENT WHICH CANNOT BE IDENTIFIED AND/OR IS UNKNOWN, AND REINFORCING STEEL WHOSE CARBON EQUIVALENT EXCEEDS 0.75%, SHALL NOT BE WELDED UNDER ANY CIRCUMSTANCES.  
E. REBAR SHALL BE WELDED USING E80XX ELECTRODES.

11. IF FUSION WELDED HOLDING WIRES ARE USED FOR FABRICATION OF REBAR CAGES OR MATS, THE FOLLOWING REQUIREMENTS AND LIMITATIONS SHALL APPLY:  
A. FUSION WELDING OF HOLDING WIRES IS ALLOWED FOR TIES, STIRRUPS, HOOPS IN BEAMS, COLUMNS, AND GRADE BEAMS TO PREASSEMBLE REINFORCING STEEL CAGES. FUSION WELDING IS NOT ALLOWED FOR LONGITUDINAL REINFORCING STEEL IN ANY BEAM, COLUMN, OR GRADE BEAM. THE HOLDING WIRE AREA SHALL NOT EXCEED 5% OF THE BEAM, COLUMN, OR GRADE BEAM CROSS SECTIONAL LONGITUDINAL STEEL AREA.  
B. FUSION WELDING OF HOLDING WIRES IS ALLOWED AT THE ENDS OF THE REINFORCING STEEL PLACED IN MATS (SPREAD FOOTINGS, SLAB REINFORCEMENT, ETC.) PROVIDED THAT THE FUSION WELD OCCURS WITHIN 6 BAR DIAMETERS OF THE FREE END OF THE BAR (E.G. NOT ALLOWED AT END OF COUPLED, T-HEADED, OR WELD SPLICED BARS).  
C. FUSION WELDING OF HOLDING WIRES SHALL NOT OCCUR ON A BENT PORTION OF A REINFORCING BAR. AFTER HOLDING WIRE HAS BEEN FUSION WELDED TO A REINFORCING BAR, THAT BAR MAY NOT BE BENT WHERE THE FUSION WELD OCCURS.  
D. THE HOLDING WIRES SHALL CONFORM TO ASTM A1064.  
E. ALL REINFORCING STEEL TO BE WELDED SHALL COMPLY WITH ASTM A706.  
F. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW INDICATING WHICH MEMBERS WILL USE FUSION WELDING PROCESS FOR PREASSEMBLY AND SHALL BE IN ACCORDANCE WITH THE GENERAL STRUCTURAL NOTES. PROVIDE COMPLETE STRUCTURAL DETAILS INDICATING THE SIZE OF STIRRUPS AND HOLDING WIRES AND WELDING REQUIREMENTS.  
G. WELDING SHALL BE DONE IN THE SHOP BY MACHINES USING ELECTRIC RESISTANCE WELDS AND UNDER A CONTINUOUS CONTROLLED PROCESS. SUBMIT A COMPLETE SHOP WELDING PROGRAM OUTLINING THE FOLLOWING:  
• TYPE OF THE SPECIFIC FUSION WELDING MACHINE (I.E. SCHNELL, IDEA 12/25  
• PERIODIC INSPECTION OF THE IN-PLANT WELDING.  
H. FUSION WELDED REINFORCING STEEL SHALL HAVE ONE TENSILE TEST TAKEN FROM ONE SPECIMEN SAMPLED AT A RATE OF 2.5 TONS OR FRACTION THEREOF OF EACH SIZE OF REINFORCING STEEL FUSION WELDED. NO BEND TEST IS NECESSARY. THE SPECIMEN SHALL HAVE A HOLDING WIRE ATTACHED TO IT THAT NEED NOT BE REMOVED. THE ELONGATION REQUIREMENTS SHALL COMPLY WITH THE ASTM OF REINFORCING STEEL SPECIFIED ON THE CONSTRUCTION DOCUMENTS (E.G. IF A615 IS SPECIFIED, BUT A706 IS USED DUE TO WELDING REQUIREMENT, THEN A615 ELONGATION REQUIREMENTS SHALL BE SATISFIED). TEST RESULTS SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER OF RECORD.

12. WHERE REINFORCING SPLICES ARE WELDED OR MECHANICALLY COUPLED, THE SPlice SHALL DEVELOP 1.25 FY OF THE REINFORCING BAR.

13. AT MECHANICALLY COUPLED SPLICES, THE MINIMUM CLEAR COVER REQUIREMENT ON THE COUPLING DEVICE SHALL BE THE SAME AS FOR THE REINFORCING BAR BEING SPLICED.


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PROJECT :  
  
CAMP GLENN ROCKEY  
SECURITY UPGRADES


LOCATION :  
  
1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773


ARCHITECT :  
  


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JTC PROJECT NO: 37606.0D

SEAL :  


CONSULTANT :  


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CA 90808 • 562.985.3200  
Project: 23-0177-00

BID SET

TITLE:  
  
STRUCTURAL NOTES AND  
ABBREVIATIONS

SCALE: NONE

DATE: 02-06-25

DRAWN BY: JA

CHECKED BY: GM/SH

SHEET NUMBER:  
  
S-1.00



H:\2023\230177\3\_Drawings\DWGS-00\23-0177-00\_S-1.01 STRUCTURAL NOTES.dwg PLOTTED BY: Channon Shidaki ON: June 5, 2024 AT: 9:24 AM

CONCRETE:

1. ALL CONCRETE WORK SHALL CONFORM TO THE STANDARDS OF THE AMERICAN CONCRETE INSTITUTE (ACI). ACI MANUAL OF CONCRETE PRACTICE" CURRENT EDITION, "SPECIFICATIONS FOR STRUCTURAL CONCRETE" (ACI 301), AND BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318).

2. WHEN SPECIFIED FOR USE, NORMAL WEIGHT (NWT) CONCRETE SHALL HAVE A DRY UNIT WEIGHT OF 150 ± 3 PCF. AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C33.

3. WHEN SPECIFIED FOR USE LIGHTWEIGHT (LWT) CONCRETE SHALL HAVE A DRY UNIT WEIGHT OF 110 ± 3 PCF. AGGREGATES FOR LIGHTWEIGHT CONCRETE SHALL BE EXPANDED SHALE AGGREGATE CONFORMING TO ASTM C330.

4. CEMENT SHALL CONFORM TO PORTLAND CEMENT ASTM C-150 (TYPE II) UNLESS NOTED OTHERWISE. WHEN USED IN THE CONCRETE MIX, FLY ASH SHALL CONFORM TO ASTM C618 CLASS F OR N.

5. MIXING WATER SHALL CONFORM TO ASTM C1602.

6. ADMIXTURES SHALL CONFORM TO THE FOLLOWING:

A. WATER REDUCTION AND SETTING TIME MODIFICATION: \_\_\_\_\_ ASTM C494

B. PRODUCING FLOWING CONCRETE: \_\_\_\_\_ ASTM C1017

C. AIR ENTRAINMENT: \_\_\_\_\_ ASTM C260

D. INHIBITING CHLORIDE-INDUCED CORROSION: \_\_\_\_\_ ASTM C1582

7. ALL NON-SHRINK GROUT SHALL CONFORM TO ASTM C1107/C1107M AND SHALL BE PRE-MIXED COMPOUND CONSISTING OF NON-METALLIC AGGREGATE, CEMENT AND WATER-REDUCING AND PLASTICIZING AGENTS.

A. MINIMUM COMPRESSIVE STRENGTH AT 48 HOURS: \_\_\_\_\_ 2,000 PSI

B. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS: \_\_\_\_\_ 7,000 PSI

8. CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH (FC) AT 28 DAYS AND SHALL MEET THE OTHER REQUIREMENTS INDICATED BELOW:

A. FOOTINGS: \_\_\_\_\_ 3,000 PSI, NWT, 1 1/2" AGGREGATE, 0.45 W/C

B. SLABS ON GRADE: \_\_\_\_\_ 3,000 PSI, NWT, 1" AGGREGATE, 0.45 W/C

C. ALL OTHER CONCRETE: \_\_\_\_\_ 3,000 PSI, NWT, 1" AGGREGATE, 0.45 W/C

9. MAXIMUM SLUMP FOR CONCRETE MIXES SHALL BE 5" TYPICALLY AND 4" FOR ALL FLATWORK, WHETHER ON GRADE OR ELEVATED, EXCEPT WHEN A HIGH RANGE WATER REDUCING ADMIXTURE IS SPECIFIED FOR USE IN THE CONCRETE MIX DESIGN, SLUMP SHALL BE A MAXIMUM OF 9".

10. CONCRETE MIX DESIGN SHALL BE PREPARED BY AN APPROVED TESTING LAB AND A REGISTERED CIVIL ENGINEER AND SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD (SEOR) FOR REVIEW. CONCRETE MIX DESIGN SUBMITTALS SHALL BE STAMPED AND SIGNED BY THE LICENSED ENGINEER RESPONSIBLE FOR THE MIX DESIGN.

11. WHEN USED, AIR ENTRAINMENT SHALL NOT BE MORE THAN 5%.

12. ALL FURNISHED CONCRETE MIX DESIGNS SHALL REFLECT PROVEN CONCRETE SHRINKAGE CHARACTERISTICS OF 0.0004 IN/IN (0.04%) FINAL SHRINKAGE STRAIN OR LESS AT ALL SLABS (INCLUDING TOPPING SLABS WHERE THEY OCCUR), AND 0.0006 IN/IN (0.06%) FINAL SHRINKAGE STRAIN OR LESS AT OTHER CONCRETE ELEMENTS, AS DETERMINED IN ACCORDANCE WITH ASTM C157.

13. CONCRETE SHALL BE CONVEYED TO FINAL LOCATION BY METHODS THAT PREVENT SEGREGATION OR LOSS OF CONSTITUENTS AND ENSURE THE REQUIRED CONCRETE QUALITY.

14. WATER SHALL NOT BE ADDED TO CONCRETE AT THE SITE.

15. LOCATE CONSTRUCTION AND/OR CONTROL JOINTS AS INDICATED IN CONTRACT DOCUMENTS AND/OR SUBMIT INFORMATION FOR ACCEPTANCE OF PROPOSED LOCATION AND TREATMENT OF JOINTS NOT INDICATED IN CONTRACT DOCUMENTS.

16. ALL CONSTRUCTION JOINTS SHALL BE ROUGHENED TO 1/4" AMPLITUDE, THOROUGHLY CLEANED AND ALL LAITANCE REMOVED. LONGITUDINAL KEYWAYS, 1 1/2" DEEP, SHALL BE USED WHERE INDICATED IN THE CONTRACT DOCUMENTS. ALL JOINTS SHALL BE THOROUGHLY DAMPENED, BUT WITHOUT STANDING WATER, IMMEDIATELY BEFORE PLACING NEW CONCRETE.

17. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL TRADES TO VERIFY THE LOCATION OF ALL ITEMS SUCH AS, BUT NOT LIMITED TO, SLEEVES, ANCHORS, ANCHOR BOLTS, CONDUITS, EMBED PLATES ETC. TO BE INSTALLED WITHIN CONCRETE ELEMENTS. EMBEDDED ITEMS NOT SPECIFICALLY SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE LOCATED BY THE TRADES/SUB-CONTRACTORS INVOLVED, AND SHALL BE REVIEWED BY THE SEOR PRIOR TO PLACEMENT OF CONCRETE. IN COORDINATING THE LOCATION OF EMBEDDED ITEMS NOT OTHERWISE LOCATED IN THE STRUCTURAL DRAWINGS, PRIORITY SHALL BE GIVEN TO MAINTAIN SPACING AND CONTINUITY OF ALL REINFORCING. EMBEDDED ITEMS SHALL BE WELL DISTRIBUTED TO AVOID CLUSTERING IN SUCH A MANNER AS TO REQUIRE CUTTING OR RELOCATION OF REINFORCING STEEL.

18. UNLESS OTHERWISE NOTED, BOLTS EMBEDDED IN CONCRETE SHALL BE ASTM F-1554 GR 36. ALL EMBEDDED ANCHOR BOLTS SHALL BE HEADED-TYPE. DO NOT USE J-TYPE BOLTS.

19. UNLESS OTHERWISE NOTED, A 3/4" CHAMFER SHALL BE PROVIDED AT EXPOSED EDGES OF CONCRETE BEAMS AND COLUMNS.

20. PRIOR TO PLACING CONCRETE, ALL EMBEDDED ITEMS, INCLUDING REINFORCING STEEL, SHALL BE WELL SECURED IN POSITION. CONCRETE SHALL NOT BE POURED UNTIL ALL FORMS AND REINFORCING HAVE BEEN INSPECTED. ALL PREPARATIONS FOR THE PLACEMENT HAVE BEEN COMPLETED, AND THE PREPARATIONS HAVE BEEN REVIEWED BY THE PROJECT INSPECTOR.

21. ONLY ONE GRADE OF CONCRETE SHALL BE ALLOWED AT THE JOB SITE AT ANY ONE TIME.

22. CONCRETE TO BE PLACED DURING COLD WEATHER SHALL COMPLY WITH ACI 306R, "GUIDE TO COLD WEATHER CONCRETING" AND ACI 306.1, "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING".

23. CONCRETE TO BE PLACED DURING HOT WEATHER SHALL COMPLY WITH ACI 305R, "GUIDE TO HOT WEATHER CONCRETING" AND ACI 305.1, "STANDARD SPECIFICATION FOR HOT WEATHER CONCRETING".

24. CONCRETE SHALL BE MAINTAINED IN A CONTINUOUSLY MOIST CONDITION ABOVE 50F FOR A MINIMUM OF SEVEN (7) DAYS AFTER PLACEMENT. THE 7-DAY REQUIREMENT MAY BE REDUCED TO 3 DAYS FOR HIGH-EARLY-STRENGTH CONCRETE. ALTERNATE ACCELERATED CURING METHODS MAY BE APPROVED BY THE SEOR IF SATISFACTORY PERFORMANCE CAN BE ASSURED.

25. EQUIPMENT SHALL NOT BE PLACED ON CONCRETE UNTIL CONCRETE HAS REACHED 75% OF THE MINIMUM REQUIRED COMPRESSIVE STRENGTH AND NO SOONER THAN A MINIMUM OF 72 HOURS AFTER CONCRETE PLACEMENT. IF EQUIPMENT IS TO BE ANCHORED WITH POST-INSTALLED ANCHORS, REFER TO POST-INSTALLED ANCHOR NOTES FOR MINIMUM CONCRETE STRENGTH AND SETTING TIME REQUIREMENTS FOR DRILLING HOLES FOR ANCHORS AND INSTALLATION, TORQUING, AND TESTING OF THE ANCHORS.

26. ALL CONCRETE SHALL BE TESTED AND INSPECTED AS REQUIRED PER THE SPECIAL INSPECTION SECTION OF THESE GENERAL NOTES.

POST-INSTALLED ANCHORS:

1. POST INSTALLED ANCHOR NOTES IN THIS SECTION SHALL APPLY TO ALL ANCHORS (INCLUDING THREADED ROD OR REINFORCING BARS) INSTALLED INTO HARDENED CONCRETE OR MASONRY EXCEPT FOR POWDER DRIVEN FASTENERS, AS APPLICABLE, SEE POWDER DRIVEN FASTENER GENERAL NOTES FOR MORE INFORMATION.

2. INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S INSTRUCTIONS AND THE APPLICABLE EVALUATION REPORT AND SHALL BE INSTALLED BY PERSONNEL TRAINED TO INSTALL THE TYPE OF POST-INSTALLED ANCHOR BEING INSTALLED.

3. LOCATE EXISTING REINFORCING BY NON-DESTRUCTIVE METHODS PRIOR TO DRILLING. EXISTING REINFORCING SHALL NOT BE CUT OR DAMAGED.

4. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF FC = 2500 PSI, BE A MINIMUM OF 21 DAYS OLD AND HAVE A MINIMUM TEMPERATURE OF 50 DEGREES FAHRENHEIT WHEN DRILLING OCCURS.

5. HOLES FOR INSTALLATION OF THE POST-INSTALLED ANCHOR SHALL BE DRILLED USING A DRILL THAT HAS A CARBIDE-TIPPED BIT THAT COMPLIES WITH ANSI B212.15. A REBAR CUTTING DRILL BIT IS NOT ALLOWED.

6. CONTRACTOR SHALL USE APPROPRIATE EQUIPMENT AND METHODS AS REQUIRED TO PROVIDE DRILLED HOLES FOR POST-INSTALLED ANCHORS IN ACCORDANCE WITH APPLICABLE STANDARDS, MANUFACTURER'S RECOMMENDATIONS, AND QUALIFYING (QC) TEST REPORTS. CARE SHALL BE TAKEN TO PREVENT OVERSIZING, OVALING, AND/OR BLOW-OUT THROUGH THE BACK FACE OF THE DRILLED MEMBER. IF OVERSIZING, OVALING, AND/OR BLOW-OUT OCCURS, THE EMPLOYED EQUIPMENT AND METHODS SHALL BE DISCONTINUED. ADDITIONAL DRILLING SHALL NOT BE RESUMED UNTIL THE SEOR HAS PROVIDED APPROVED REPAIR PROCEDURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL SUCH REPAIRS. WHEN RESUMING DRILLING, THE CONTRACTOR SHALL MODIFY THE PROCEDURES AS NECESSARY TO PREVENT FURTHER DAMAGE.

7. HOLES SHALL BE CLEANED OF DUST AND DEBRIS, USING A WIRE BRUSH AND COMPRESSED AIR OR MANUFACTURER'S BLOW-OUT BULB (AS PER MANUFACTURER'S RECOMMENDATIONS) AS REQUIRED TO REMOVE PARTICULATE DEBRIS AND TO ACHIEVE A RELATIVELY DUST-FREE SURFACE.

8. OIL, SCALE, AND RUST SHALL BE REMOVED FROM THE POST-INSTALLED ANCHOR AND HOLES SHALL BE DRY, PRIOR TO INSTALLATION.

9. POST-INSTALLED EMBEDMENT DEPTHS NOTED ON THE PLANS OR DETAILS ARE NOMINAL (I.E. MEASURED FROM FACE OF CONCRETE OR MASONRY TO EMBEDDED TIP OF ANCHOR/REBAR) FOR CORRESPONDING HOLE DEPTH, REFER TO APPLICABLE EVALUATION REPORT.

10. ANCHORS IN APPROVED ADHESIVE ANCHOR SYSTEMS SHALL HAVE MINIMUM FY = 36 KSI AND SHALL BE ZINC ELECTROPLATED OR HOT-DIP GALVANIZED AS REQUIRED PER ESR.

11. APPROVED ADHESIVE ANCHOR SYSTEMS AND EVALUATION REPORTS ARE AS FOLLOWS:

A. CONCRETE:

• HILTI HIT-RE 500 V3 \_\_\_\_\_ ESR-3814

• HILTI HIT-HY 200 V3 \_\_\_\_\_ ESR-4868

B. HORIZONTAL SLAB-ON-GRADE DOWELS:

• HILTI HIT-RE 100 \_\_\_\_\_ ESR-3829

• HILTI HIT-HY 100 \_\_\_\_\_ ESR-3574

12. WHERE NOTED ON SPECIFIC DETAILS, INSTALLATION OF ADHESIVE ANCHORS SHALL BE BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM. CERTIFICATION SHALL INCLUDE WRITTEN AND PERFORMANCE TESTS IN ACCORDANCE WITH ACI083I ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. CERTIFICATION DOCUMENTS SHALL BE SUBMITTED TO THE SEOR AND AHJ FOR REVIEW AND ACCEPTANCE PRIOR TO INSTALLATION.

13. APPROVED EXPANSION ANCHORS AND EVALUATION REPORTS ARE AS FOLLOWS:

A. CONCRETE NOT EXPOSED TO WEATHER:

• HILTI KWIK BOLT-TZZ ANCHORS \_\_\_\_\_ ESR-4266

• SIMPSON STRONG-TIE STRONG-BOLT 2 WEDGE ANCHOR \_\_\_\_\_ ESR-3037

B. CONCRETE EXPOSED TO WEATHER:

• STAINLESS STEEL HILTI KWIK BOLT-TZZ ANCHORS \_\_\_\_\_ ESR-4266

• DEWALT POWER-STUD+ S04 OR S06 \_\_\_\_\_ ESR-2502

• STAINLESS STEEL SIMPSON STRONG-TIE STRONG-BOLT 2 WEDGE ANCHOR \_\_\_\_\_ ESR-3037

14. WHERE APPLICABLE, EXPANSION ANCHORS SHALL BE INSTALLED WITH THE MINIMUM TORQUE, USING A CALIBRATED TORQUE WRENCH. WEDGE OR SLEEVE TYPE ANCHORS MUST ATTAIN THE SPECIFIED TORQUE WITHIN ONE HALF TURN OF THE NUT. EXCEPT 1/4" AND 3/8" DIAMETER WEDGE OR SLEEVE TYPE ANCHORS MUST ATTAIN SPECIFIED TORQUE WITHIN ONE QUARTER TURN OF THE NUT.

15. INSTALLATION TORQUES FOR EXPANSION ANCHORS SHALL BE AS NOTED BELOW:

EXPANSION ANCHOR MAXIMUM INSTALLATION TORQUE LOADS IN CONCRETE (FT-LB)

NOMINAL ANCHOR DIAMETER	HILTI KWIK BOLT TZZ	SIMPSON STRONG BOLT 2
1/4"	4CS/6SS	4
3/8"	30	30
1/2"	50CS/40SS	60
5/8"	40CS/60SS	90CS/ 80 SS
3/4"	110CS/125SS	150
1"	185	N/A

APPROVED SCREW ANCHORS AND EVALUATION REPORTS ARE AS FOLLOWS:

A. CONCRETE:

• HILTI KH-EZ OR KH-EZ P ANCHORS \_\_\_\_\_ ESR-3027

• DEWALT SCREW-BOLT+ \_\_\_\_\_ ESR-3889

• DEWALT ULTRAICON+ \_\_\_\_\_ ESR-3068

• SIMPSON TITEN HD \_\_\_\_\_ ESR-2713

• ITW RED HEAD TAPCON+ \_\_\_\_\_ ESR-3699

17. INSTALLATION TORQUES FOR SCREW ANCHORS SHALL BE AS NOTED BELOW:

SCREW ANCHOR MAXIMUM INSTALLATION TORQUE LOADS IN CONCRETE (FT-LB)

NOMINAL ANCHOR DIAMETER	HILTI KH-EZ OR KH-EZ P	DEWALT SCREW BOLT+	SIMPSON TITEN HD	ITW RED HEAD TAPCON+
1/4"	18			

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 <p><b>LOS ANGELES CITY DEPARTMENT OF PUBLIC WORKS</b> 900 SOUTH FREMONT AVE. 8TH FLOOR ALHAMBRA, CA 91803</p>	
<p>PROJECT :</p> <p style="text-align: center;"><b>CAMP GLENN ROCKEY SECURITY UPGRADES</b></p>	
<p>LOCATION :</p> <p style="text-align: center;"><b>1900 N. SYCAMORE ROAD, SAN DIMAS, CA 91773</b></p>	
<p>ARCHITECT :</p> <div style="text-align: center; padding: 10px;">  <p><b>JTC</b> architects, inc.</p> <p><b>65 N. 1ST AVENUE, SUITE 201 ARCADIA, CA 91008</b></p> <p>T: 626-254-8884 E: info@jtcarch.com</p> </div>	
<p>JTC PROJECT NO:      <b>37606.0D</b></p>	
<p>SEAL :</p> <div style="text-align: center; padding: 10px;">  </div>	
<p>CONSULTANT :</p> <div style="text-align: center; padding: 10px;">  <p><b>STRUCTURAL ENGINEERS</b> LONG BEACH • SAN DIEGO</p> <p><b>LONG BEACH OFFICE</b> 3900 Cover Street, Long Beach CA 90808 • 562.985.3200 Project: 23-0177-00</p> <div style="border: 2px solid black; padding: 10px; margin: 10px auto; width: 150px;"> <p style="font-size: 24px; font-weight: bold; text-align: center;">BID SET</p> </div> </div>	
<p>TITLE:</p> <p style="text-align: center; font-weight: bold; margin-top: 20px;">STRUCTURAL NOTES</p>	
<p>SCALE:                      NONE</p>	<p>DATE:                      <b>02-06-25</b></p>
<p>DRAWN BY:                JA</p>	<p>CHECKED BY:            GM/SH</p>
<p>SHEET NUMBER:</p> <p style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 10px;">S-1.01</p>	



H:\2023\201773 Drawings\Drawings-0023-0177-00\_S-2.00 PARTIAL SITE PLAN.dwg PLOTTED BY: Chamon Shidaki ON: June 5, 2024 AT 12:24 AM

PARTIAL SITE PLAN - NEW GENERATOR

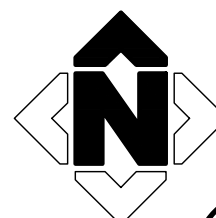
SCALE: 1/4" = 1'-0"



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PARTIAL SITE PLAN - NEW SECURITY BOOTH

SCALE: 1/4" = 1'-0"



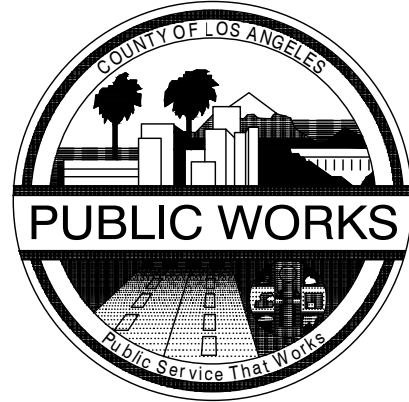
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PLAN NOTES

- SEE GENERAL NOTES SHEET(S) FOR APPLICABLE NOTES AND ABBREVIATIONS.
- EXISTING CONSTRUCTION IS SHOWN FADED AND IS LABELED AS EXISTING OR (E). NEW CONSTRUCTION IS SHOWN DARK AND IS SPECIFICALLY REFERENCED BY DETAILS AND NOTES.
- EXISTING CONDITIONS ARE SHOWN TO THE BEST OF OUR KNOWLEDGE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS. DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING.

DATE:	NO.	REMARKS:	BY:	DATE:	NO.	REMARKS:	BY:
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DEPARTMENT OF PUBLIC WORKS  
900 SOUTH FREMONT AVE. 8TH FLOOR  
ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773

ARCHITECT :

**JTC**  
architects, inc.  
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JTC PROJECT NO: 37606.00

SEAL :



CONSULTANT :

**MH**  
STRUCTURAL ENGINEERS  
LONG BEACH • SAN DIEGO  
LONG BEACH OFFICE  
3900 Cover Street, Long Beach  
CA 90808 • 562.985.3200  
Project: 23-0177-00

**BID SET**

TITLE:

PARTIAL SITE PLAN

SCALE: AS NOTED

DATE: 02-06-25

DRAWN BY: JA

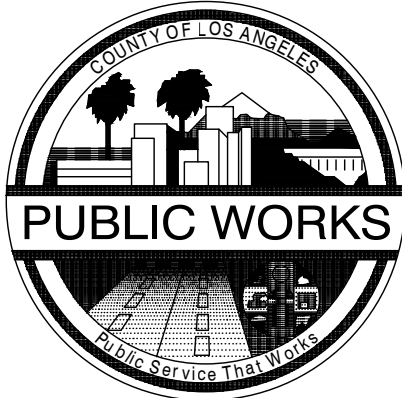
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3900 Cover Street, Long Beach  
CA 90808 • 562.985.3200  
Project: 23-0177-00

BID SET

TITLE:

TYPICAL FOUNDATION DETAILS

SCALE: AS NOTED

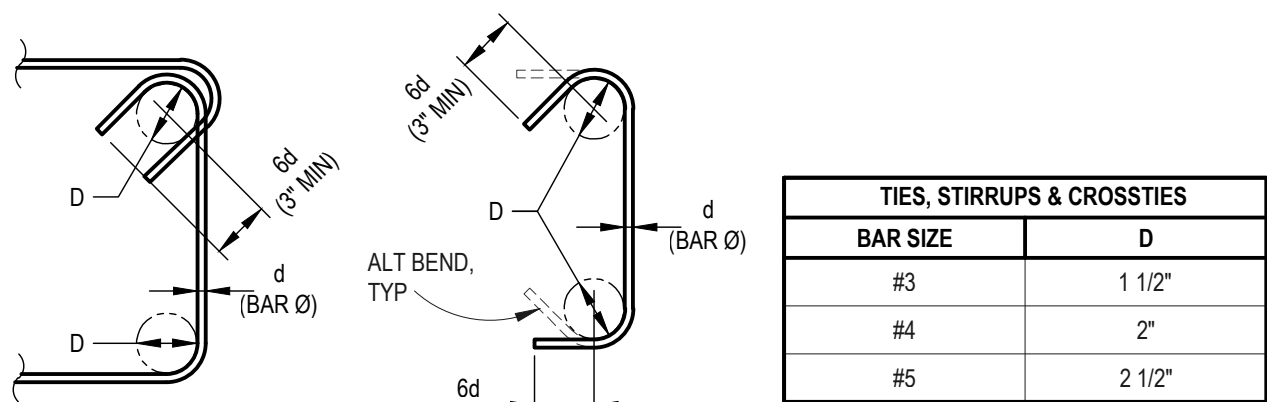
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STIRRUPS, TIES AND CROSS-TIES

TYPICAL REINFORCING			
BAR SIZE	D	BAR SIZE	D
#3	2 1/4"	#9	9"
#4	3"	#10	10 1/4"
#5	3 3/4"	#11	11 1/4"
#6	4 1/2"	#14	17"
#7	5 1/4"	#18	22 1/4"
#8	6"		

90° & 180° STANDARD HOOKS

TYPICAL REINFORCING

NOTE: UNLESS OTHERWISE DIMENSIONED OR NOTED ON PLAN OR DETAIL, EVERY BAR SHOWN OR NOTED AS HOOKED (INCLUDING STIRRUPS, TIES OR CROSSTIES) SHALL HAVE HOOKS PER THIS DETAIL.

ALL GRADES OF STEEL  
D = INSIDE BEND DIAMETER  
d = NOMINAL BAR DIAMETER

TYPICAL REINFORCING HOOKS

SCALE: NONE

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DEVELOPMENT LENGTH (ld) FOR TYPICAL BARS (INCREASE PER NOTES 4 AND/OR 5 AS OCCURS)					
BAR SIZE (GR 60)	3000	4000	4500	5000	6000
#3	17"	15"	14"	14"	12"
#4	22"	20"	19"	18"	16"
#5	28"	25"	23"	22"	20"
#6	33"	29"	28"	26"	24"
#7	48"	43"	40"	38"	34"
#8	55"	48"	46"	43"	39"
#9	62"	55"	51"	49"	44"
#10	70"	61"	58"	55"	50"
#11	78"	67"	64"	60"	55"
LAP SPLICE LENGTH (ls) FOR TYPICAL BARS (INCREASE PER NOTES 4 AND/OR 5 AS OCCURS)					
BAR SIZE (GR 60)	3000	4000	4500	5000	6000
#3	22"	19"	18"	18"	16"
#4	29"	26"	24"	23"	21"
#5	36"	32"	30"	29"	26"
#6	43"	38"	36"	34"	31"
#7	63"	55"	52"	49"	45"
#8	72"	63"	59"	56"	51"
#9	81"	71"	67"	63"	57"
#10	91"	79"	75"	71"	64"
#11	101"	87"	82"	78"	71"
HOOK DEVELOPMENT LENGTH (ldh) FOR TYPICAL STANDARD HOOKS (INCREASE PER NOTES 4 AND/OR 5 AS OCCURS)					
BAR SIZE (GR 60)	3000	4000	4500	5000	6000
#3	9"	8"	7"	7"	6"
#4	11"	10"	9"	9"	8"
#5	14"	12"	12"	11"	10"
#6	17"	15"	14"	13"	12"
#7	20"	17"	16"	15"	14"
#8	22"	19"	18"	17"	16"

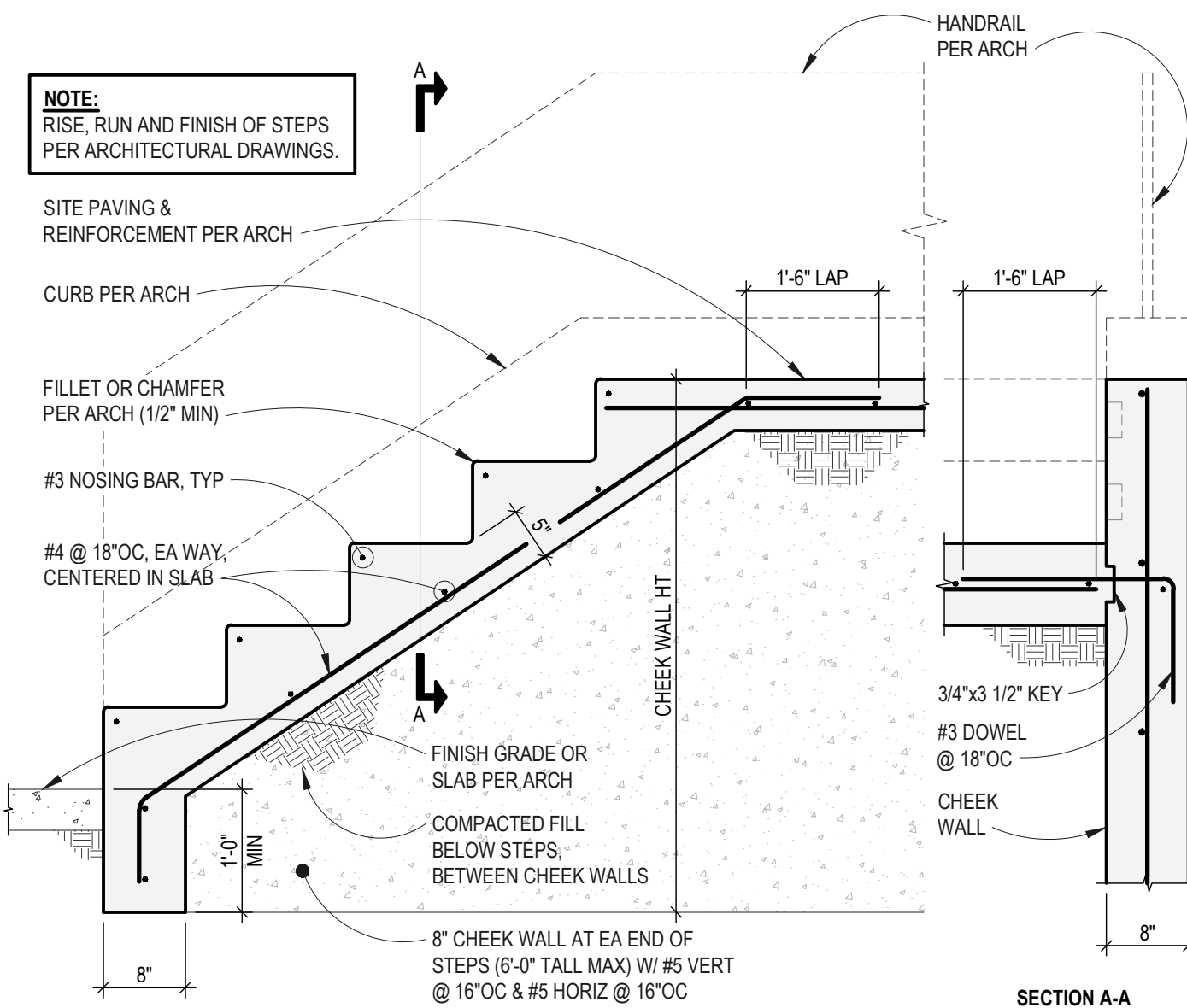
- NOTES:
- PROVIDE THE MINIMUM DEVELOPMENT LENGTH (ld or ldh) OR LAP SPLICE (ls) FOR REINFORCING BARS IN NORMAL WEIGHT CONCRETE PER THE ADJACENT TABLES FOR TYPICAL BARS, UNLESS NOTED OTHERWISE ON PLANS AND DETAILS. ld AND ls SHALL BE NO LESS THAN 12" AND ldh SHALL BE NO LESS THAN THE LARGER OF 6" OR 8 TIMES THE BAR DIAMETER. CONTRACTOR SHALL NOTIFY SEOR WHEN MINIMUM LENGTHS CANNOT BE ACHIEVED.
  - LAP SPLICE LENGTHS SHOWN REPRESENT "CLASS B" TENSION SPLICE VALUES PER ACI 318 SECTION 25.4.2.2, 25.5.1.4, AND 25.5.2.1.
  - ld AND ls LENGTHS ARE BASED ON THE CLEAR SPACING OF BARS TO BE NOT LESS THAN TWICE THE BAR DIAMETER, AND CLEAR COVER TO BE NOT LESS THAN THE BAR DIAMETER. CONTRACTOR SHALL NOTIFY THE SEOR WHEN MINIMUM SPACING OR CLEARANCE CANNOT BE ACHIEVED.
  - WHERE HORIZONTAL BARS HAVE MORE THAN 12" OF FRESH CONCRETE CAST BELOW THE BAR, I.E. HORIZONTAL WALL OR STEINER WALL BARS, INCREASE TYPICAL BAR LENGTHS BY 30% (ld, ls, ldh x 1.3).
  - FOR LIGHT WEIGHT CONCRETE, INCREASE LENGTH BY THIRTY PERCENT (ld OR ls OR ldh x 1.3).

TYPICAL REINFORCING BAR IN CONCRETE  
DEVELOPMENT AND LAP SPLICE SCHEDULE

SCALE: NONE

2

S-4.00



TYPICAL CONCRETE STAIR-ON-GRADE

SCALE: NONE

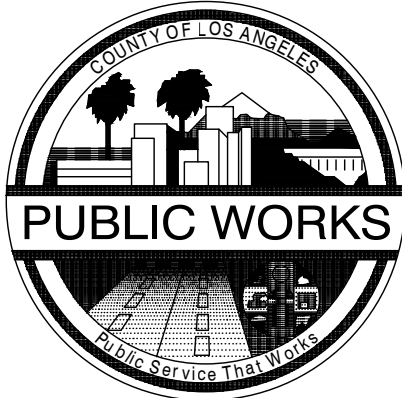
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LOS ANGELES COUNTY  
DEPARTMENT OF PUBLIC WORKS  
900 SOUTH FREMONT AVE. 8TH FLOOR  
ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773

ARCHITECT :

**JTC**  
architects, inc.  
65 N. 1ST AVENUE, SUITE 201  
ARCADIA, CA 91008  
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JTC PROJECT NO: 37606.0D

SEAL :



CONSULTANT :

**MH**  
STRUCTURAL ENGINEERS  
LONG BEACH • SAN DIEGO  
LONG BEACH OFFICE  
3900 Cover Street, Long Beach  
CA 90808 • 562.985.3200  
Project: 23-0177-00

**BID SET**

TITLE:

EQUIPMENT ANCHORAGE DETAILS

SCALE: AS NOTED

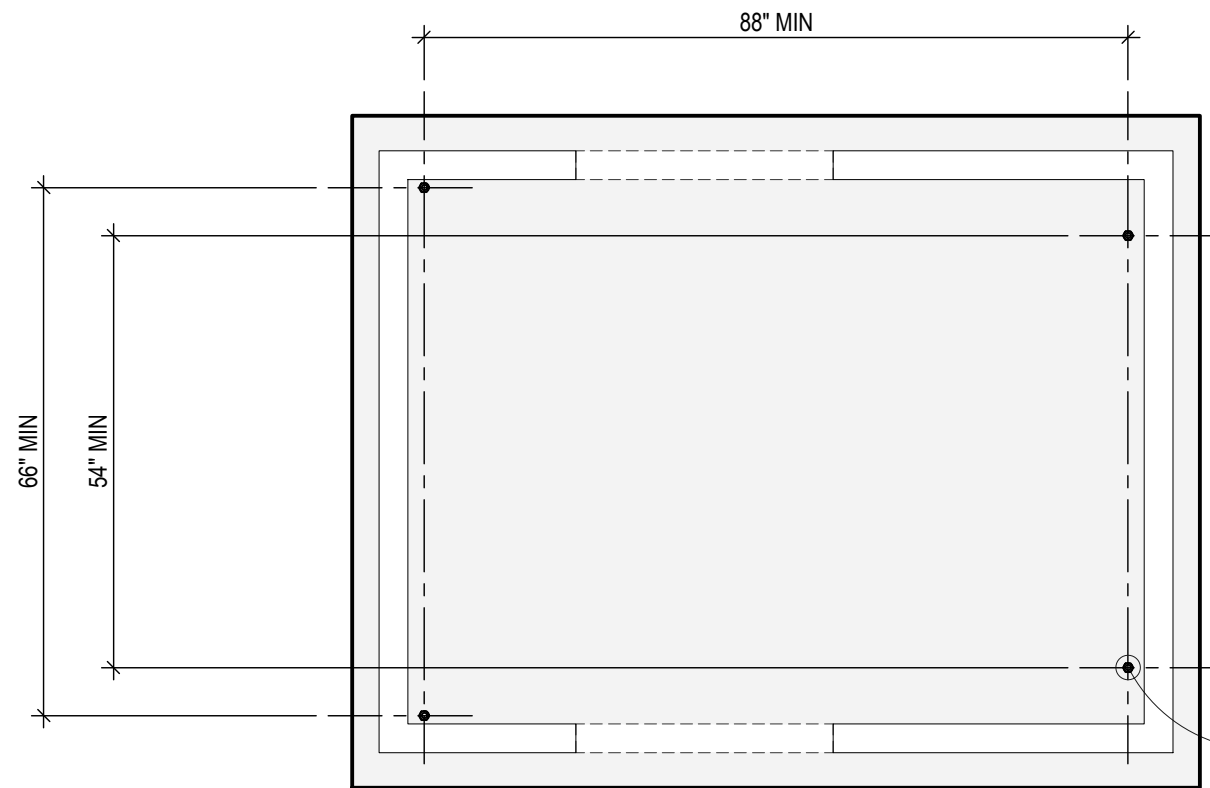
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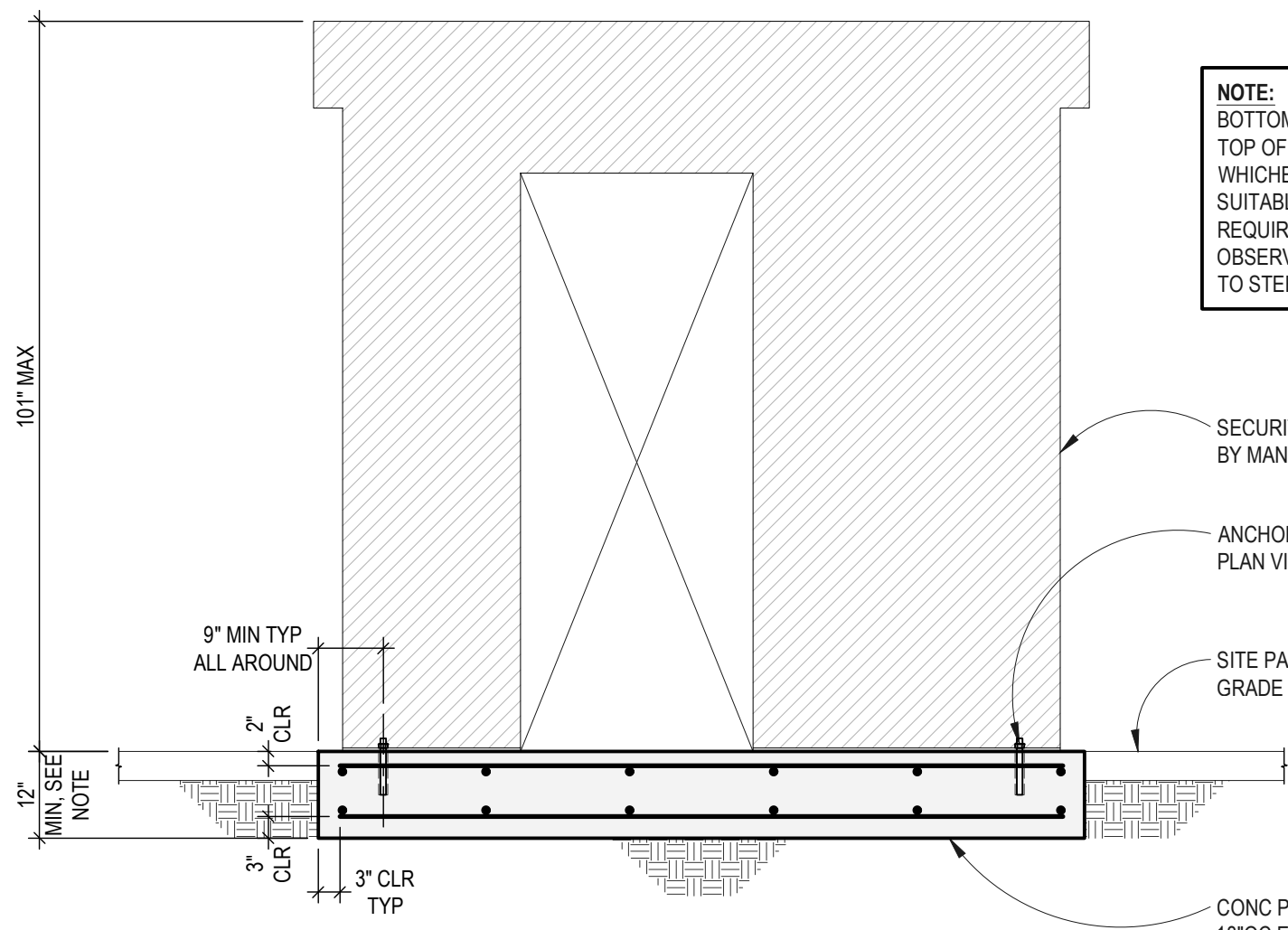
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PLAN VIEW AT BASE

(4)-5/8"Ø THREADED ROD SET  
IN EPOXY AT ANCHOR CLIP  
LOCATIONS PER MANUF.  
(6" EMBED) INTO CONC  
(Tu max = 1,000# (OMEGA)  
Vu max = 700# (OMEGA))

NOTE:  
BOTTOM OF PAD TO BE 12" MINIMUM BELOW  
TOP OF SITE SLAB OR FINISH GRADE,  
WHICHEVER IS LOWER, AND SUPPORTED ON  
SUITABLE SOIL. DEEPEN PAD FOOTING AS  
REQUIRED. GEOTECHNICAL ENGINEER TO  
OBSERVE AND APPROVE EXCAVATION PRIOR  
TO STEEL AND CONCRETE PLACEMENT.

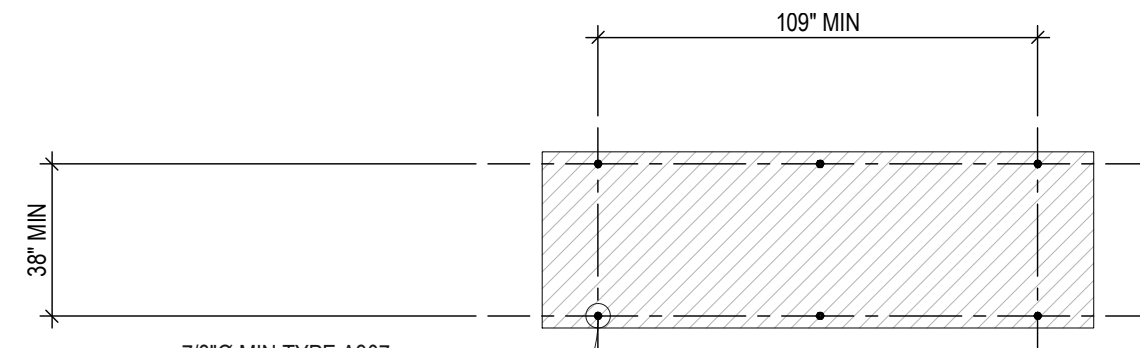


SECURITY BOOTH ANCHORAGE

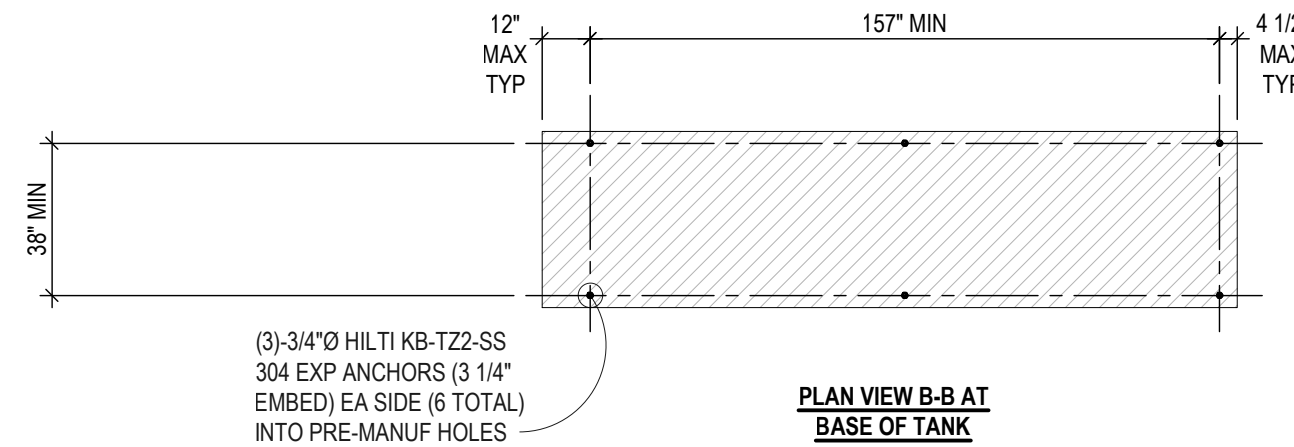
SCALE: 1/2" = 1'-0"

1

S-7.00

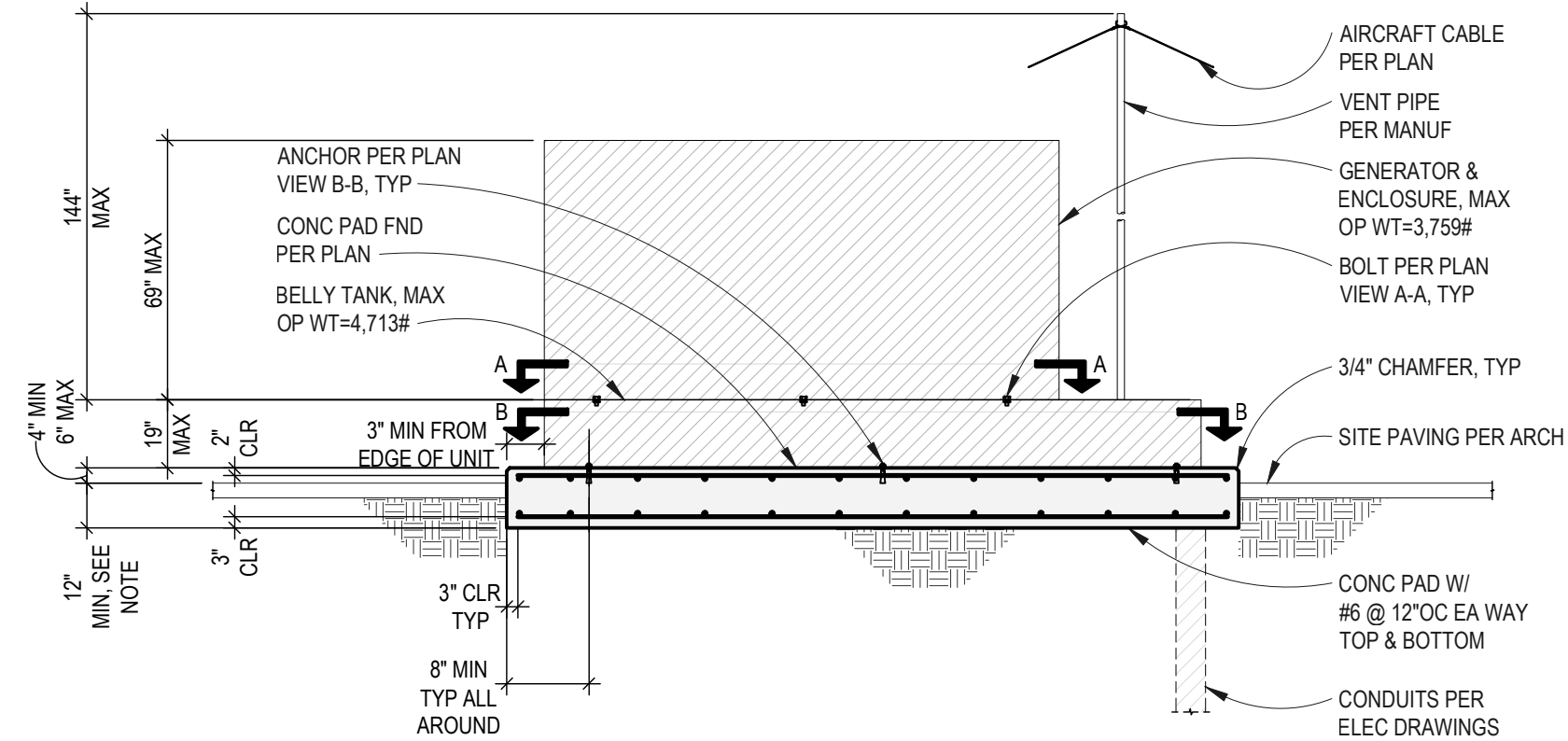


PLAN VIEW A-A  
AT BASE OF GENERATOR



PLAN VIEW B-B AT  
BASE OF TANK

NOTE:  
BOTTOM OF PAD TO BE 12" MINIMUM BELOW  
TOP OF SITE SLAB OR FINISH GRADE,  
WHICHEVER IS LOWER, AND SUPPORTED ON  
SUITABLE SOIL. DEEPEN PAD FOOTING AS  
REQUIRED. GEOTECHNICAL ENGINEER TO  
OBSERVE AND APPROVE EXCAVATION PRIOR  
TO STEEL AND CONCRETE PLACEMENT.



GENERATOR ANCHORAGE

SCALE: 1/4" = 1'-0"

2

S-7.00





# DEMOLITION & ALTERATION NOTES

1. CONTRACTOR SHALL VISIT THE SITE AND MAKE HIMSELF THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS.
2. ALL WORK SHALL BE PERFORMED TO CHANGE THE EXISTING ELECTRICAL INSTALLATION AS INDICATED OR AS REQUIRED TO PERFORM THE NEW WORK.
3. REMOVE ALL LIGHT FIXTURES, SWITCHES, SPEAKERS, TELEPHONE OUTLETS, RECEPTACLES, MISCELLANEOUS CONDUIT, WIRE, ETC. THAT INTERFERES WITH NEW CONSTRUCTION. EXTEND ANY INTERRUPTED CIRCUITS. PROVIDE BLANK COVER PLATES AS REQUIRED IN FINISHED AREAS, COVER PLATES SHALL MATCH THE WALL SURFACE.
4. INFORMATION GIVEN ON THE DRAWINGS ABOUT EXISTING INSTALLATIONS HAS BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE BUT CANNOT BE GUARANTEED ACCURATE IN ALL RESPECTS. VERIFY ALL SUCH INFORMATION BEFORE PROCEEDING WITH ANY NEW WORK THAT MAY BE AFFECTED. INCLUDE AS A PART OF THE CONTRACT ALL WORK REQUIRED TO PRODUCE THE INDICATED RESULT.
5. EXCEPT AS MAY BE SPECIFICALLY INDICATED OTHERWISE, ALL ELECTRICAL MATERIALS AND EQUIPMENT REMOVED FROM THE EXISTING INSTALLATION IN THE COURSE OF PERFORMING THE INDICATED WORK AND NOT INDICATED TO BE REUSED SHALL BE TREATED AS FOLLOWS:
  - A. ALL CONDUITS, CONDUCTORS, OUTLET BOXES AND FITTINGS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
  - B. ALL OTHER REMOVED ITEMS SHALL BE TURNED OVER TO THE OWNER AND DISPOSED OF AS DIRECTED BY THE OWNER.
6. CLEAN ALL REMOVED ITEMS THAT ARE TO BE REUSED, CONDUITS THAT ARE TO BE REUSED SHALL BE CLEANED BEFORE INSTALLING ANY NEW CONDUCTORS. WHERE A CHOICE IS POSSIBLE, SELECT THE BEST OF THE REMOVED ITEMS FOR REUSE.
7. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL EXISTING WIRING, CONDUITS, JUNCTION BOXES AND OTHER ELECTRICAL DEVICES IN AREAS WHERE NEW WORK OCCURS, SHALL BE REMOVED EXCEPT WHEN SUCH DEVICES ARE REQUIRED TO MAINTAIN SERVICES TO OTHER AREAS. IN SUCH CASES, CONTRACTOR SHALL RELOCATE THESE DEVICES WHERE REQUIRED TO ACCOMMODATE NEW WORK. CONTRACTOR MAY ABANDON IN PLACE ANY OF THE EXISTING ITEMS WHEN SUCH ITEMS ARE CONCEALED AND DO NOT INTERFERE WITH THE NEW WORK OF ALL TRADES.
8. NUMBER OF CONDUCTORS SHOWN ON EXISTING CONDUITS REPRESENT THOSE REQUIRED TO PERFORM THE WORK. WHEN NUMBER OF EXISTING IS INADEQUATE, CONTRACTOR SHALL PROVIDE ADDITIONAL WIRES AND ALL NECESSARY WORK AND ACCESSORIES REQUIRED TO CONFORM TO THE NUMBER OF CONDUCTORS SHOWN ON THE DRAWINGS. ALL EXTRA EXISTING WIRES SHALL BE TAPED, COILED AND TAGGED AS "NOT-USED" AT BOTH ENDS IN JUNCTION BOXES. CONTRACTOR SHALL EXAMINE AND REPLACE ALL EXISTING WIRES IN BAD CONDITION WITH EQUIVALENT NEW ONES.
9. BEFORE THE ELECTRICAL WORK IS CONSIDERED COMPLETE, THE CONTRACTOR SHALL DEMONSTRATE TO THE ARCHITECT'S SATISFACTION THAT THE LOADS ARE EQUALLY BALANCED ACROSS THE PHASES OF THE PANELBOARDS AFFECTED BY THE WORK INDICATED ON THESE PLANS. LOADS SHALL BE BALANCED IN THE FOLLOWING MANNER:
  - A. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL ENERGIZE ALL LIGHTING, MOTORS, ETC., SERVED FROM THE AFFECTED PANELBOARDS, AND USING A CLAMP-ON AMPMETER CHECK THE LOAD ON EACH PHASE.
  - B. IF THE LOADS ON ANY PHASE IS OUT OF BALANCE, THE CONTRACTOR SHALL REARRANGE THE BRANCH CIRCUIT CONNECTIONS FROM BREAKER TO BREAKER UNTIL THE LOADS ON EACH OF THE PHASES ARE IN BALANCE.
  - C. AFTER THE LOAD BALANCE HAS BEEN ACCOMPLISHED, THE CONTRACTOR SHALL PROVIDE AN INDEX CARD (NEATLY TYPED) DIRECTORY, CLEARLY INDICATING THE TYPE OF LOADS AND ROOM NUMBERS FOR EACH CIRCUIT INCLUDING THOSE EXISTING.

## DEMOLITION AND REMODEL SYMBOLS

THE FOLLOWING LETTER DESIGNATIONS SHOWN ON DEMOLITION/  
REMODEL PLANS ADJACENT TO LIGHT FIXTURES, RECEPTACLES,  
TELEPHONE AND DATA OUTLETS, EQUIPMENT, ETC. DENOTE:

(R)	REMOVAL OF EXISTING EQUIPMENT.
(E)	EXISTING EQUIPMENT TO REMAIN IN PLACE.
(ER)	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED.
(RE)	RELOCATED EXISTING EQUIPMENT NEW LOCATION.
———E———	EXISTING CIRCUITS TO REMAIN
-----R-----	REMOVE EXISTING CIRCUITS

SYMBOL LIST		
GENERAL:		SINGLE LINE DIAGRAM:
CLG.	WALL	
DUPLEX CONVENIENCE OUTLET 15 AMP, 120 VOLT, +18" AFF UON		
DOUBLE DUPLEX CONVENIENCE OUTLET +18" AFF. UON.		
GFI		
GFI DUPLEX RECEPTACLE 20AMP, 120 VOLT, 48" AFF. U.ON..		
SPECIAL RECEPTACLE. NEMA CONFIGURATION AS NOTED.		
PLUGMOLD.		
JUNCTION BOX.		
JUNCTION BOX MOUNTED ON CONDUIT STUB +8" AFF. UON.		
MOTOR CONNECTION.		
"1"		
MAGNETIC MOTOR STARTER. NEMA SIZE AS INDICATED.		
"1" 30A		
COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH, SIZE AS INDICATED.		
DISCONNECT SWITCH, 30 AMP, 3 POLE, NON-FUSED UON.		
60A 50A		
DISCONNECT SWITCH, 60 AMP, 3 POLE WITH 50 AMP FUSES.		
TERMINAL CABINET AS NOTED.		
SURFACE MOUNTED LIGHTING AND RECEPTACLE PANELBOARD.		
FLUSH MOUNTED LIGHTING AND RECEPTACLE PANELBOARD.		
SWITCHBOARD OR POWER PANELBOARD.		
PUSH-BUTTON, +48" AFF. UON.		
CONNECTION TO EQUIPMENT.		
TRANSFORMER.		
PANEL, SWITCHBOARD, TRANSFORMER OR TERMINAL CABINET DESIGNATION.		
DEMOLITION REFERENCE NOTE.		
REFERENCE NOTE.		
CONDUIT CONCEALED IN CEILING OR WALL.		
CONDUIT CONCEALED BELOW FLOOR SLAB OR UNDERGROUND.		
EXPOSED CONDUIT.		
CONDUIT TURNING UP.		CONDUIT TURNING DOWN.
3/4"C - 2#12&1#12 EG.		3/4"C - 5#12&1#12 EG.
3/4"C - 3#12&1#12 EG.		3/4"C - 6#12&1#12 EG.
3/4"C - 4#12&1#12 EG.		3/4"C - 7#12&1#12 EG.
#6		
CONDUCTORS OTHER THAN #12 AWG AS INDICATED (3#6 AWG) SIZE CONDUIT PER APPLICABLE CODES		
2LA-1&3&5		HOMERUN TO PANEL "2LA" CIRCUITS 1,3,5, 3#12 & 1#12 EG. (3-POLE CIRCUIT BREAKER).
2LA-2,4,6		HOMERUN TO PANEL "2LA" CIRCUITS 2,4,6 WITH COMMON NEUTRAL, 4#12 & 1#12 EG. (3 SINGLE POLE MULTI-TIED BREAKERS)
2LA-2,4,6		HOMERUN TO PANEL "2LA" CIRCUITS 2,4,6 WITH INDIVIDUAL NEUTRALS, 6#10 & 1#10 EG. (3 SINGLE POLE BREAKERS)
		CONDUIT STUB WITH CAP. (WITH POLY-PROPYLENE PULL WIRE).
		CONDUIT SEAL.
LIGHTING:		
WALL		
		LIGHTING FIXTURE, "6" DENOTES CIRCUIT NUMBER, "a" DENOTES CONTROLLING SWITCH.
		FIXTURE TYPE "A" 100 VOLT AMPERE EACH. TYPICAL IN ROOM OR AREA UON (BALLAST LOSS INCLUDED, IF ANY). SEE FIXTURE SCHEDULE.
		SINGLE POLE TOGGLE SWITCH, +42" AFF. UON. LIGHTING CONTROLS SUBSCRIPTS INDICATE THE FOLLOWING:
		a - OUTLETS CONTROLLED.
		2 - TWO POLE.
		3 - THREE WAY.
		4 - FOUR WAY.
		K - KEYED.
		P - PILOT LIGHT.
		D - DIMMER.
		R - REMOTE CONTROL, MOMENTARY CONTACT.
		F - FLY FAN DOOR SWITCH.
		M - MANUAL MOTOR STARTER WITH HP-RATED THERMAL OVERLOAD PROTECTION (UON)
		CIRCUIT BREAKER, MOLDED CASE, 3 POLE, 150 AMP TRIP.
		SWITCH AND FUSE, 3 POLE, 100 AMP WITH (3) 70 AMP FUSES.
		METERING AND CURRENT/POTENTIAL TRANSFORMER AS REQUIRED.
		GROUND FAULT SENSOR.
		TRANSFORMER WITH SECONDARY GROUND.
		FEEDER NO. 3 - SEE FEEDER SCHEDULE.
		GROUND WELL WITH ROD.
		GROUND TO COLD WATER PIPE.
		GROUND TO UFER.
		N NEUTRAL BUS.
		G EQUIPMENT GROUND BUS.
		DRAW-OUT CIRCUIT BREAKER.

# GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AND REGULATIONS.
2. MINIMUM SIZE OF CONDUIT SHALL BE 3/4", MINIMUM SIZE OF CONDUCTOR SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
3. ALL PANELS, SWITCHES, ETC. SHALL HAVE SUFFICIENT GUTTER SPACE AND LUGS TO ACCOMMODATE CONDUCTORS SHOWN.
4. WHERE WIRE SIZES ARE INDICATED ON PLANS, FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL APPLY TO THE COMPLETE CIRCUIT, UNLESS OTHERWISE NOTED.
5. ALL JUNCTION BOXES AND PULL BOXES SHALL BE OF CODE GAUGE AND OF THE REQUIRED SIZE TO ACCOMMODATE NUMBER OF CONDUCTORS SHOWN.
6. ALL PULL BOXES IN FINISHED AREAS SHALL HAVE FACTORY APPLIED PRIME COAT OF PAINT.
7. ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL MECHANICAL, PLUMBING, KITCHEN EQUIPMENT AND REFRIGERATION AND ALL OTHER EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ANY WORK.
8. ALL PANELBOARDS SHALL HAVE LOCKING DOOR AND BE KEYPED ALIKE UNLESS OTHERWISE NOTED.
9. STUB OUT (2) 1" CONDUITS FROM ALL NEW FLUSH MOUNTED PANELBOARDS INTO ACCESSIBLE CEILING SPACE AND CAP FOR FUTURE USE.
10. ELECTRICAL CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, RECEPTACLES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL BUILDING EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.
11. ALL MOUNTING HEIGHTS SHOWN ARE TO CENTER LINE OF OUTLET OR DEVICE AND SHALL APPLY UNLESS INDICATED OTHERWISE.
12. DRAWINGS ARE DIAGRAMMATIC AND INDICATED GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OR OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND SPACE CONDITIONS AT ALL TIMES.
13. LOCATION OF LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS. AT OR NEAR DOOR, INSTALL SWITCHES ON SIDE OPPOSITE TO DOOR HINGE. VERIFY FINAL HINGE LOCATION IN FIELD PRIOR TO ANY WORK.
14. ELECTRICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL OUTLET BOXES FOR CLOCKS, SWITCHES, HORNS FIRE ALARM STRIKE STATIONS, SPEAKERS, RECEPTACLES ETC.
15. WHERE ELECTRONIC MOTORS OR HEATERS ARE INSTALLED IN HUNG CEILINGS, PROVIDE DISCONNECT SWITCH IN HUNG CEILING WITHIN REACH FROM ACCESS POINT.
16. EXPOSED RACEWAYS (WHEN INDICATED ON DRAWINGS) SHALL BE RUN PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.
17. FURNISH APPROVED EXPANSION FITTINGS WHERE RACEWAY CROSSES BUILDING EXPANSION JOINTS.
18. FURNISH FISH WIRE IN EACH RACEWAY RUN OVER 10' IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED.
19. NOT MORE THAN THREE LIGHTING OR CONVENIENCE OUTLET CIRCUITS ARE PERMITTED IN ONE CONDUIT, UNLESS OTHERWISE INDICATED.
20. PROVIDE PULL BOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT.
21. SUPPORT PANELBOARDS, JUNCTION AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
22. OUTLET BOXES FOR FIXTURES RECESSED IN HUNG CEILING SHALL BE ACCESSIBLE THROUGH OPENING CREATED BY REMOVAL OF FIXTURES.
23. SEE LOW VOLTAGE DRAWINGS FOR ADDITIONAL CONNECTION REQUIREMENTS TO CONTROL PANELS AND TRANSFORMERS, SWITCHES, TIME CLOCKS, VALVES, STATS, RELAYS, ETC. INDICATED ON CONTROL WIRING DIAGRAMS. ELECTRICAL CONTRACTOR SHALL VERIFY FINAL CONTROL WIRING REQUIREMENTS PRIOR TO ANY WORK AND PROVIDE ALL NECESSARY DEVICES AND CONNECTIONS AS REQUIRED.
24. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT SHALL BE WEATHERPROOF TYPE.
25. NO CONDUIT RUNS WILL BE ALLOWED IN CONCRETE SLAB. ALL CONDUITS WILL BE PLACED IN THE HUNG CEILING UNLESS SPECIFICALLY INDICATED TO BE UNDERGROUND.
26. LIGHTING, POWER, TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE PLACED BACK TO BACK.
27. WHERE MOUNTING HEIGHTS OR DIMENSIONS OF DEVICE LOCATIONS ARE SHOWN, CONTRACTOR SHALL CONFIRM SUCH DIMENSIONS WITH ARCHITECTURAL DRAWINGS. WHERE CONFLICT IN DIMENSIONS OCCUR BETWEEN DRAWINGS, OR WHERE NO DIMENSIONS OR MOUNTING HEIGHTS ARE INDICATED ON EITHER SET OF DRAWINGS, CONTRACTOR SHALL VERIFY THESE ITEMS WITH ARCHITECT IN FIELD PRIOR TO ROUGH-IN.
28. ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROTECTED BY MATERIALS TESTED IN ACCORDANCE WITH UL1479/ASTM E-814. INSTALLATION SHALL FOLLOW MANUFACTURER'S INSTRUCTIONS AND MAINTAIN THE FIRE RATING OF WALLS AND/OR FLOORS AFFECTED. PROVIDE HILTI CS240 FIRESTOP SEALANT, CSPM LISTING NO. 4060-1200-100, OR EQUIVALENT STATE FIRE MARSHALL APPROVED AND LISTED MATERIAL.
29. EQUIPMENT ANCHORAGE: PER TITLE-24, SECTION 2-2312(G) AND TABLE 2-23-J, PART B, ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED AGAINST SEISMIC FORCES TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA.

A. FIXED EQUIPMENT ON GRADE:	50% OF OPERATING WEIGHT
B. FIXED EQUIPMENT ON STRUCTURE:	75% OF OPERATING WEIGHT
C. EMERGENCY POWER EQUIPMENT ON GRADE:	66% OF OPERATING WEIGHT
D. EMERGENCY POWER EQUIPMENT ON STRUCTURE:	100% OF OPERATING WEIGHT
E. FOR FLEXIBILITY MOUNTED EQUIPMENT:	USE 2 x THE ABOVE VALUES
F. FOR SIMULTANEOUS VERTICAL FORCE:	USE 3 x HORIZONTAL FORCE

WHERE SPECIFIC ANCHORAGE DETAILS ARE NOT INDICATED, FIELD INSTALLATION SHALL REQUIRE THE APPROVAL OF ARCHITECT/ENGINEER AND FIELD REPRESENTATIVE OF OFFICE OF STATE ARCHITECT.

THESE VALUES ARE FOR AN IMPEDANCE FACTOR  
1 = 1.0 AND SEISMIC ZONE, Z = 0.4
30. ALL CONDUCTORS SHALL BE COPPER, TYPE THHN/THWN. UON CONDUCTORS IN CONDUIT EXPOSED ON THE ROOF SHALL HAVE 90° INSULATION (THHN), #10 AND SMALLER SHALL BE SOLID TYPE, AND #8 AWG AND LARGER SHALL BE STRANDED.
31. TRANSFORMER INSULATION SHALL BE SUITABLE FOR 150° AVERAGE TEMPERATURE RISE. SEE SPECIFICATIONS FOR DETAILS.
32. ALL CONDUITS SHALL BE ELECTRICAL METALLIC TUBING AND RIGID STEEL CONDUIT ONLY. PROVIDE APPROPRIATE COUPLINGS, CONNECTORS AND OTHER FITTINGS AS REQUIRED.
33. EMERGENCY CIRCUITS SHALL BE ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT AND SHALL NOT ENTER SAME RACEWAY, BOXES OR CABINETS WITH OTHER WIRING EXCEPT WHERE PROVIDED IN NEC 700-9B.
34. BOXES SHALL BE SECURED AS PER ART 370-13.
35. ALL U.L. LISTED EQUIPMENT SHALL BE INSTALLED AS PER LISTING OR LABELING (i.e. MAX. FUSE SIZE MEANS FUSE PROTECTION REQUIRED), AND SHALL BE INSTALLED AS APPROVED.
36. ALL EQUIPMENT SHALL BE LISTED BY AN ACCEPTED TESTING LAB AND BEAR THE LISTING STICKER IN AN ACCESSIBLE LOCATION.
37. SUBMIT TORQUE CERTIFICATE FOR ALL ELECTRICAL EQUIPMENT/CONNECTIONS PRIOR TO CERTIFICATE OF OCCUPANCY ISSUANCE.

ABBREVIATIONS							
A	AMPERE.	F	FUSE.	NF	NON-FUSED.	XFMR	TRANSFORMER.
A/C	AIR CONDITIONING.	FA	FIRE ALARM.	NIC	NOT IN CONTRACT.	UG	UNDERGROUND.
AFF	ABOVE FINISHED FLOOR.	FLUOR	FLUORESCENT.	NL	NIGHT LIGHT.	UON	UNLESS OTHERWISE NOTED.
BKBD	BACKBOARD.	GFI	GROUND FAULT INTERRUPTER.	NTS	NOT TO SCALE.	V	VOLT.
C	CONDUIT.	GND	GROUND.	P	POLE.	PA	PUBLIC ADDRESS.
C/B	CIRCUIT BREAKER.	HOA	HAND-OFF-AUTOMATIC.	PB	PULL BOX.	W/	WITH.
CKT	CIRCUIT.	HP	HORSEPOWER.	PNL	POWER.	WP	WEATHERPROOF.
CO	CONDUIT ONLY.	IC	INTERCOM.	PWR	POWER.	4/S	JUNCTION BOX 4" SQUARE.
DE	DUAL ELEMENT FUSES.	J	JUNCTION.	REQ'D	REQUIRED.	5/S	JUNCTION BOX 4-11/16".
DISC	DISCONNECT.	L	LONG CONTINUOUS LOAD.	SHT	SHEET.		
DISTR	DISTRIBUTION.	LCL	LIGHTING.	SPST	SINGLE POLE, SINGLE THROW.		
DWG	DRAWING.	LTG	LIGHTING.	SURF	SURFACE.		
EA	EACH.	MAX	MAXIMUM.	SW	SWITCH.		
ELEC	ELECTRICAL.	MIN	MINIMUM.	TC	TIME CLOCK.		
EMT	ELECTRICAL METALLIC.	MTG	MOUNTING.	TERM	TERMINAL.		
EQUIP	EQUIPMENT.			TV	TELEVISION.		
EXIST	EXISTING.			TYP	TYPICAL.		

# SCOPE OF WORK

PUMP BUILDING AREA

1. NEW DIESEL GAS GENERATOR AND CONNECTION TO NEW AUTOMATIC TRANSFER SWITCH THAT WILL BE REPLACING EXISTING MANUAL TRANSFER SWITCH.
2. REPLACEMENT OF EXISTING 8KVA MINIPOWER ZONE (TRANSFORMER+PANEL COMBO) WITH NEW 7.5KVA MINIPOWER ZONE.

SECURITY BOOTH AREA AT CAMP GLENN ROCKEY

1. POWER CONNECTION TO SECURITY BOOTH PANEL FROM EXISTING PANEL IN MAINTENANCE BUILDING. SECURITY BOOTH DESIGN NOT IN SCOPE AND BY OTHERS.
2. PULLBOXES AND CONDUITS FOR LOW VOLTAGE PLANS. LOW VOLTAGE PLANS BY OTHERS.

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
E-0.01	ELECTRICAL LEGENDS AND NOTES
E-0.02	SINGLE LINE DIAGRAMS
E-0.03	PANEL SCHEDULES
E-0.04	DETAILS
E-1.01	PARTIAL POWER PLAN - CAMP GLENN ROCKEY
E-1.02	PARTIAL POWER PLAN - PUMP BUILDING

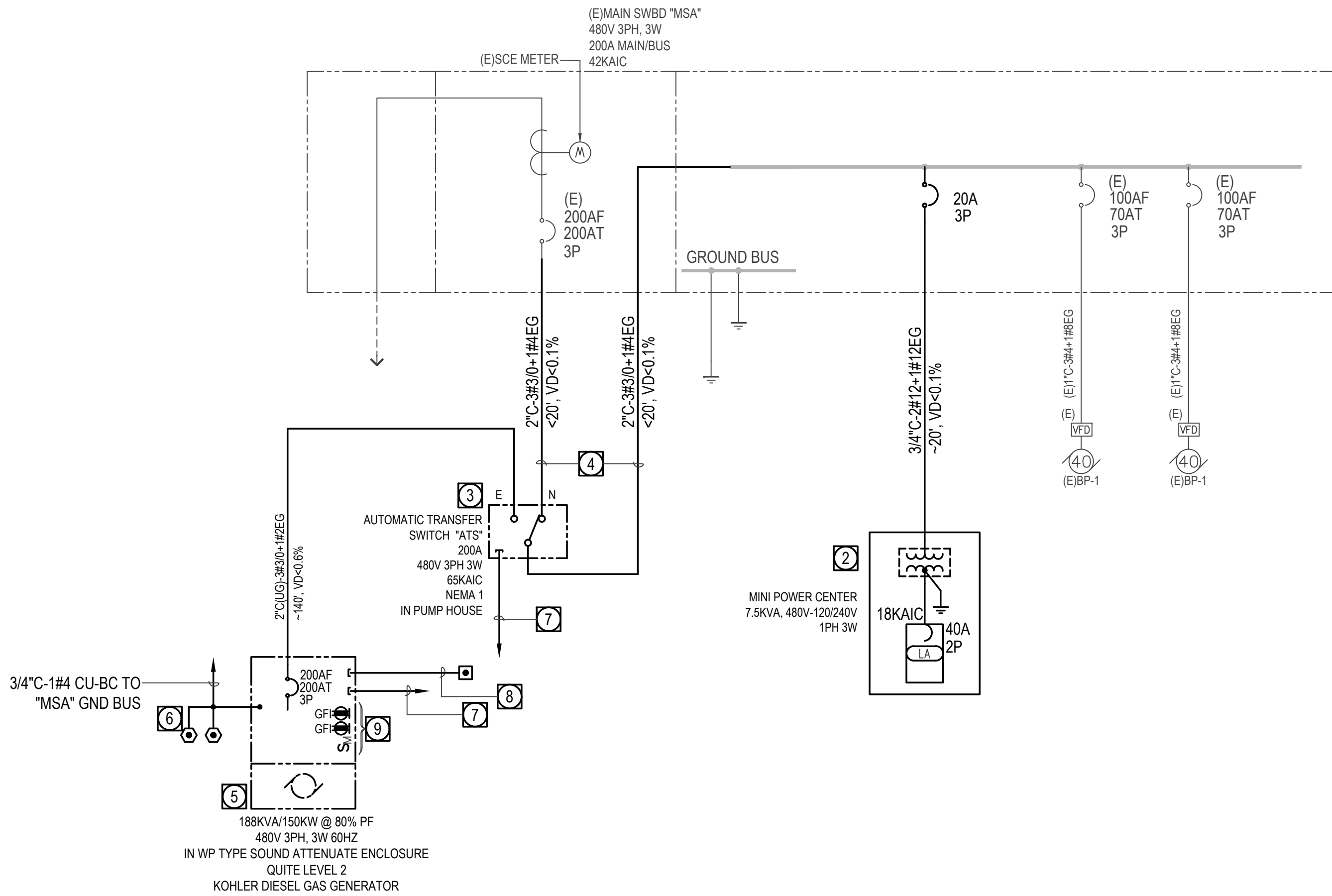
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DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.
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## E-0.01

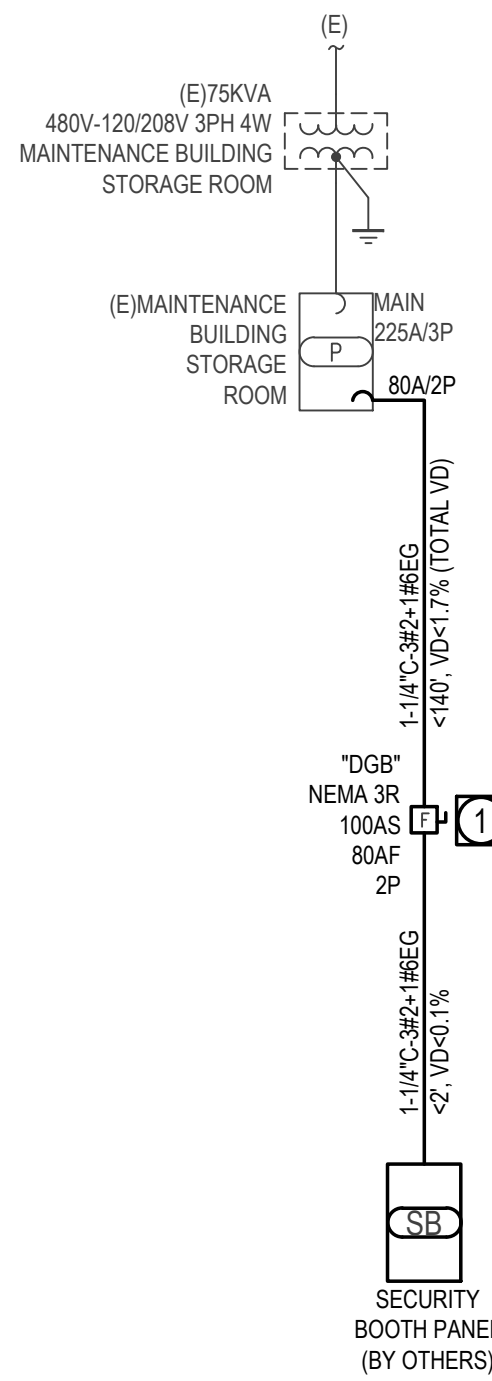
## ELECTRICAL LEGENDS AND NOTES

SCALE:	AS NOTED
DATE:	02-06-25
DRAWN BY:	dHA+CALPEC
CHECKED BY:	dHA+CALPEC
SHEET NUMBER:	





1 SINGLE LINE (PUMP BUILDING)



2 PARTIAL SINGLE LINE (SECURITY BOOTH AREA)

## GENERATOR NOTES

- GENERATOR AND REMOTE ANNUNCIATOR ARE BASED ON KOHLER PRODUCTS, UNLESS OTHERWISE NOTED. ANY REVISIONS MADE DUE TO SUBSTITUTIONS MADE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH LOCAL JURISDICTION, FIRE DEPARTMENT, AQMD, ETC. AND PULL ASSOCIATED PERMITS.
- GENERATOR & REMOTE ANNUNCIATOR SHALL HAVE THE CAPABILITY TO COMMUNICATE WITH FUTURE USER LAN NETWORK. PROVIDE MODBUS/ETHERNET CONVERTERS AS REQUIRED AT PUMP HOUSE FOR FUTURE LAN CONNECTION. COORDINATE WITH ATS/GENERATOR VENDOR FOR FURTHER DETAILS REGARDING LOW VOLTAGE CONNECTIONS NOT SHOWN.
- GENERATOR SET, 150KW/188KVA @ 0.8PF, 480V-3PH-3W, 60HZ IN NEMA 3R QUIET LEVEL-2 ENCLOSURE, ALTERNATOR SHALL BE SUPPLIED WITH OUTPUT 200A/3P CIRCUIT BREAKER, SKID MOUNTED ABOVE GROUND WITH MINIMUM 24-HOUR FUEL STORAGE TANK, AND REMOTE SAFETY SHUT OFF SWITCH (TO BE LOCATED AT ENTRANCE OF GENERATOR ENCLOSURE).
- FUEL TANK SHALL BE A SUB-BASE TYPE. UL 142 STEEL PRIMARY AND SECONDARY TANK WITH INTERSTITIAL LEAK MONITORING TUBE AND REFUELING SPILL BOX KIT WITH ACCESSORIES INSTALLED, MINIMUM 5 GAL CAPACITY AND PAD LOCKABLE.
- CONTRACTOR SHALL PROVIDE COMMISSIONING REPORT AS REQUIRED AFTER GENERATOR INSTALLATION, TESTING AND INSPECTIONS ARE COMPLETE.

## SHEET NOTES

- SCREENED ITEMS DENOTES EXISTING (E) EQUIPMENT TO REMAIN IN PLACE U.O.N.
- BOUNDARY IN DASH-DOT-DOT-DASH LINES DENOTES THE SCOPE OF WORK ITEMS UNLESS NOTED OTHERWISE
- ALL EXISTING DEVICE/BREAKERS/FEEDERS INFORMATION DATA REQUIRED FOR SHORT CIRCUIT STUDY SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

## GENERAL NOTES

- ALL CIRCUIT BREAKERS SHALL BE 3 POLES - MCCB TYPE CIRCUIT BREAKER, UNLESS OTHERWISE NOTED.
- MINIMUM CIRCUIT BREAKER AMPERE INTERRUPTING CAPACITY SHALL BE 10,000 AMPS FOR 208/120V-3PH-4W BRANCH CIRCUIT PANEL BOARD, AND 14,000 AMPS FOR 480/277V-3PH-4W LIGHTING PANELBOARD IF NONE IS SHOWN.
- PROVIDE PERMANENT BRANCH CIRCUIT NUMBER FOR EACH PANELBOARD, GLUE ON STICKER NUMBER IS NOT ACCEPTABLE.
- PROVIDE EQUIPMENT NAME PLATE FOR EACH EQUIPMENT; NAME PLATE SHALL BE SECURED WITH METAL SHEET SCREWS, GLUE ON ATTACHMENT NOT ACCEPTABLE.
- FEEDER LENGTHS ARE SHOWN FOR CALCULATION PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING/MATERIAL TAKE-OFF.
- PROVIDE FULLY RATED OVERLOAD PROTECTION DEVICE/CIRCUIT BREAKER SYSTEM, SERIES RATED CIRCUIT BREAKERS WILL NOT BE PERMITTED.
- FUSES FOR MOTOR SERVICE DISCONNECT SWITCH SHALL BE TIME DELAY AND DUAL ELEMENT TYPE.
- OVERSIZED FEEDER CONDUCTOR (TO REDUCE VOLTAGE DROP) THAT DOES NOT CONFORM TO STANDARD LUG SIZE SUPPLIED WITH SWITCHGEAR SHALL BE SPICED BY CONTRACTOR UTILIZING THE POLARIS TYPE INSULATED LUGS WITH APPROPRIATE NUMBER OF PORTS (OR EQUAL). CONTRACTOR SHALL PROVIDE REQUIRED SPLICINGS, J-BOX AND OR GUTTER SPACE AS REQUIRED ACCORDINGLY.

## REFERENCE NOTES

- PROVIDE 100AS/80AF/2P FUSED SERVICE ENTRY DISCONNECT IN NEMA 3R ENCLOSURE ON SECURITY BOOTH FOR CONNECTION TO SECURITY BOOTH PANEL AND GROUND RODS.
- REMOVE EXISTING 5KVA MINI-POWER ZONE (AND ASSOCIATED FEEDER) AND REPLACE WITH 7.5KVA 1PHASE 480V-120/240V MINI-POWER ZONE (18KA) SQUARE D #MP2B25AF AND ASSOCIATED FEEDER AS NOTED. ADD NEW OR REPLACE EXISTING CIRCUIT BREAKER ON SWITCHBOARD WITH NEW 20A/2P CIRCUIT BREAKER. FIELD VERIFY.
- REPLACE EXISTING MTS WITH NEW KOHLER NEMA 1 ATS #KCS-AMTA-0200S WITH ETHERNET COMMUNICATIONS, EXTENDED LIMITED WARRANTY, HEATER ANTI-CONDENSATION, SEISMIC CERTIFICATION, AND RSA III REMOTE ANNUNCIATOR. REMOTE ANNUNCIATOR TO BE LOCATED IN PUMP HOUSE. COORDINATE WITH ATS/GENERATOR VENDOR FOR FURTHER DETAILS.
- UTILIZE EXISTING CONNECTIONS AND EXTEND AS REQUIRED TO NEW ATS INDOORS. FIELD VERIFY.
- FURNISH AND INSTALL DIESEL ENGINE GENERATOR SET, REFER TO GENERATOR NOTES.
- PROVIDE GROUND WELL WITH GROUND ELECTRODE WITH 1#4 CU-BC (UON) IN 3/4" C. GROUND RESISTANCE SHALL BE TESTED AND RESISTANCE TO GROUND VALUE SHALL BE LESS THAN 5 OHMS. ADDITIONAL GROUND ELECTRODE WITH MIN. 10FT APART SHALL BE ADDED TILL RESISTANCE VALUES LESS THAN 5 OHMS. REFER TO DETAIL #1/E-0.04.
- PROVIDE 1" C FROM GENERATOR WITH ITEMS NOTED BELOW AND REFER TO POWER PLAN FOR REFERENCE:
  - 2#12 (START/STOP SIGNAL); BETWEEN GENERATOR TO ATS
  - BELDEN 9841 (COMMUNICATIONS) BETWEEN GENERATOR TO MODBUS/ETHERNET CONVERTER IN PUMP BUILDING.
  - 2#12 DC BATTERY POWER; BETWEEN GENERATOR TO (2) MODBUS CONVERTERS AND (1) REMOTE-SERIAL ANNUNCIATOR IN PUMP HOUSE. FIELD COORDINATE WITH GENERATOR VENDOR.
- PROVIDE 1/2" C-2#14 FOR CONNECTION TO REMOTE EMERGENCY STOP OUTSIDE GENERATOR YARD ENTRANCE. FIELD VERIFY EXACT LOCATION.
- PROVIDE (2) NEMA 5-20R GFCI DUPLEX RECEPTACLES FOR CONNECTION TO WATER HEATER JACKET PLUG AND BATTERY CHARGER PLUG-IN AND A SWITCH FOR CONNECTION TO ALTERNATOR HEATER WITHIN GENERATOR SET. FIELD COORDINATE WITH GENERATOR VENDOR FOR LOCATION OF RECEPTACLES.

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PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

**CAMP GLENN ROCKEY  
SECURITY UPGRADES**

LOCATION :

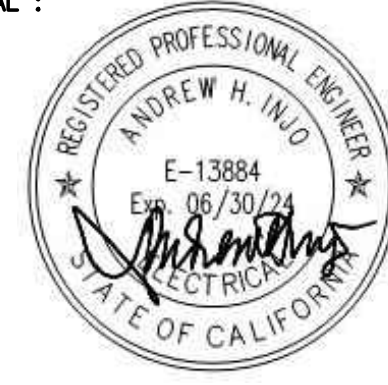
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**BID SET**

TITLE:

**SINGLE LINE  
DIAGRAMS**

SCALE: AS NOTED  
DATE: 02-06-25  
DRAWN BY: dHA+CALPEC  
CHECKED BY: dHA+CALPEC  
SHEET NUMBER:

**E-0.02**



GENERAL NOTES

1. CONTRACTOR TO PROVIDE NEATLY TYPED PANEL DIRECTORIES FOR PANELS WITH UPDATED/BOLDED DESCRIPTIONS (AS APPLICABLE).
2. MULTIWIRE BRANCH CIRCUITS (TWO OR MORE UNGROUNDED CONDUCTORS) WITH SHARED NEUTRAL SHALL BE PROVIDED WITH A MEANS TO SIMULTANEOUSLY DISCONNECTING ALL THE UNGROUNDED CONDUCTORS AT THE POINT OF BRANCH CIRCUIT ORIGINATES - 2022 CEC 210.4 (B).

PUMP HOUSE		7.5KVA MINI-POWER ZONE				18 KAIC			
PANEL :	LA	PHASE :	1	WIRE :	3	MOUNTING :	SURFACE		
VOLTAGE :	240 / 120	LOCATION :	PUMP HOUSE		DISTANCE :	-- FT			
BUS AMPERE :	100 AMP	FED FROM :	MAIN SWBD "MSA"		POLES :	16			
MAIN C/B :	40 AMP	MAIN TYPE :	AUTO C.B.		SPARE CAP :	0.0 %			
=====									
CK NO	DESCRIPTION	L T G	R E C	M T R	H I S	CIRCUIT BREAKER	CIRCUIT KVA		CK NO
							A	B	
1	(1) LIGHTING (EXISTING)	6				20 / 1	0.20		1
2	(1) RECEPTACLES (EXISTING)	3				20 / 1	0.54		2
3	(1) CONTROL PANEL (EXISTING)					1	20 / 1	0.10	3
4	(1) EXTERIOR LIGHTING (EXISTING)	1				20 / 1		0.10	4
5	EXTERIOR RED LIGHT & CONTACTOR	1				1	20 / 1	0.11	5
6	GENERATOR BATTERY CHARGER				1	20 / 1	1.20		6
7	GENERATOR ALTERNATOR HEATER				1	20 / 1		0.20	7
8	GENERATOR WATER HEATER				1	20 / 1		1.80	8
9	GENERATOR YARD SERVICE REC	1				20 / 1	1.00		9
10	SPARE					20 / 1	0.00		10
11	SPARE					20 / 1		0.00	11
12	SPARE					20 / 1		0.00	12
13	SPARE					20 / 1	0.00		13
14	SPARE					20 / 1	0.00		14
15	SPARE					20 / 1		0.00	15
16	SPARE					20 / 1		0.00	16
=====									
CONN LOAD = 5.25 KVA		TOTAL BY PHASE (KVA) =		3.05		2.20			
MIN FDR = 22 AMP		MIN C/B = 22 AMP		LGST MTR = 0 AMP		SPARE = 0.00 KVA			
LCL(LTG+HTG) = 0.30 KVA		25% LCL = 0.08 KVA		CONN LOAD + 25% LCL =		5.33		KVA	
=====									
(1) RECONNECT EXISTING CONNECTIONS FROM REMOVED 5KVA MINI-POWER ZONE.									
(2)									

BENJAMIN "NOB"										10KAIC				
=====										=====				
PANEL :		(E)	P	(1)	PHASE :	3	WIRE :	4	MOUNTING :	SURFACE				
VOLTAGE :		208 / 120		LOCATION :		MAINTENANCE BUILDING				DISTANCE :		FT		
BUS AMPERE :		225 AMP		FED FROM :		ADJ 75KVA XFMR				POLES :		42		
MAIN C/B :		225 AMP		MAIN TYPE :		AUTO C.B.				SPARE CAP :		0 %		
=====														
CK NO	DESCRIPTION	L	T	R	E	M	H	I	S	CIRCUIT BREAKER	CIRCUIT KVA			CK NO
											A	B	C	
=====														
1	(E) WAREHOUSE LTS	1								20 / 1	1.00			1
2	(E) C.I. LTS (OFFICE)	1								20 / 1	1.00			2
3	(E) MGR OFFICE LTS	1								20 / 1		1.00		3
4	(E) CANOPY LTS (EXTERIOR)	1								20 / 1		1.00		4
5	(E) UNKNOWN LOAD									20 / 1			1.00	5
6	(E) CANOPY LTS (TIMER)					1				20 / 1			0.18	6
7	(E) UNKNOWN LOAD									20 / 1				7
8	(E) SUB PANEL P-2	1								50 / 3	4.50			8
9	(E) FORESTRY PANEL					1				40 / 2		3.20		9
10	(E) W/ CKT 8									---		4.50		10
11	(E) W/ CKT 9									---			4.50	11
12	(E) W/ CKT 8									---			3.20	12
13	(E) MGR OFFICE HEATER					1				50 / 3	4.50			13
14	(E) EXISTING LOAD									20 / 1	1.00			14
15	(E) W/ CKT 13									---		4.50		15
16	(E) REC (EXTERIOR CONT)									20 / 1		0.54		16
17	(E) W/ CKT 13									---			4.50	17
18	(E) EXISTING LOAD									20 / 1			1.00	18
19	(E) HOIST (NOT IN USE) MAINT. SHOP					1				15 / 3	0.00			19
20	(E) C.I. A/C REC									20 / 1	1.00			20
21	(E) W/ CKT 19									---		0.00		21
22	(E) C.I. OFFICE REC									20 / 1		1.00		22
23	(E) W/ CKT 19									---			0.00	23
24	(E) SPARE									20 / 1			0.00	24
25	(E) SPARE									20 / 1	0.00			25
26	(E) AIR COMPRESSOR (MAINT. SHOP)					1				20 / 3	1.20			26
27	(E) A/C (MAINT. SHOP)									20 / 2		1.20		27
28	(E) W/ CKT 26									---		1.20		28
29	(E) W/ CKT 27									---			1.20	29
30	(E) W/ CKT 26									---			1.20	30
31	(E) MGF OFF (RECEPT)									---	1	0.00		31
32	(E) M.O. (REC/COMPUTER)									20 / 1	0.54			32
33	(E) M.O. (REC/REF)									20 / 1		0.54		33
34	(E) SPARE									---		0.00		34
35	(E) EXISTING LOAD									20 / 1			0.54	35
36	(2) SECURITY BOOTH PANEL "SB"					1				80 / 2			0.00	36
37	(E) SUB PANEL P-1									1	50 / 2	4.50		37
38	(2) W/ CKT 36									---	1	0.00		38
39	(E) W/ CKT 37									---		4.50		39
40	(E) SPARE									---		0.00		40
41	(E) SPARE									---			0.00	41
42	(E) SPARE									---			0.00	42
=====														
CONN LOAD =		60.28 KVA		TOTAL BY PHASE (KVA) =		19.78		23.18		17.32				
MIN FDR =		176 AMP		MIN C/B =		185 AMP		LGST MTR =		12 AMP		SPARE = 0.00 KVA		
LCL(LTG+HTG) =		8.50 KVA		25% LCL =		2.13 KVA		CONN LOAD + 25% LCL =		62.41 KVA				
=====														
(1) EXISTING PANEL WITH ASSUMED LOADS AS PER PANEL DIRECTORY. CONTRACTOR TO VERIFY AND TRACE ALL EXISTING/UNKNOWN LOADS AND UPDATE PANEL SCHEDULE/DIRECTORY ACCORDINGLY.														
(2) PROVIDE NEW CIRCUIT BREAKER AS NOTED.														

SECURITY BOOTH										10KAIC									
PANEL :		(E) SB		PHASE :		1 WIRE :		3 MOUNTING :		SURFACE									
VOLTAGE :		208 / 120		LOCATION :		SECURITY BOOTH		DISTANCE :		-- FT									
BUS AMPERE :		125 AMP		FED FROM :		PANEL "P" (MAINT. BLD)		POLES :		12									
MAIN C/B :		N/A AMP		MAIN TYPE :		M.L.O.		SPARE CAP :		0.0 %									
=====																			
CK NO		DESCRIPTION						L T G R E C M T R H I S		CIRCUIT KVA		CK NO							
								CIRCUIT BREAKER		A C									
=====																			
1		(E) HVAC UNIT						30 / 2		2.42		1							
2		(E) (1) INTERIOR & (2) EXTERIOR LTS						20 / 1		0.04		2							
3		(E) W/ CKT 1						/		2.42		3							
4		(E) DUPLEX RECEPTS						20 / 1		0.36		4							
5		(1) NEMA 6-30R OUTLET						30 / 2		2.50		5							
6		(1) SPARE						20 / 1		1.00		6							
7		(1) W/ CKT 5						/		2.50		7							
8		(1) SPARE						20 / 1		1.00		8							
9		SPACE						/		0.00		9							
10		SPACE						/		0.00		10							
11		SPACE						/		0.00		11							
12		SPACE						/		0.00		12							
=====																			
CONN LOAD = 12.23 KVA						TOTAL BY PHASE (KVA) = 5.96						6.27							
MIN FDR = 65 AMP						MIN C/B = 71 AMP						LGST MTR = 23 AMP		SPARE CAP = 0.00 KVA					
LCL(LTG+HTG) = 0.04 KVA						25% LCL = 0.01 KVA						CONN LOAD + 25% LCL = 12.24 KVA							
(1) PROVIDE NEW CB AS NOTED.																			

PANEL KEY

--	--	LA
--	P	SB

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PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

1900 N. SYCAMORE ROAD,  
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BID SET

TITLE:

PANEL SCHEDULES

SCALE: AS NOTED

DATE: 02-06-25

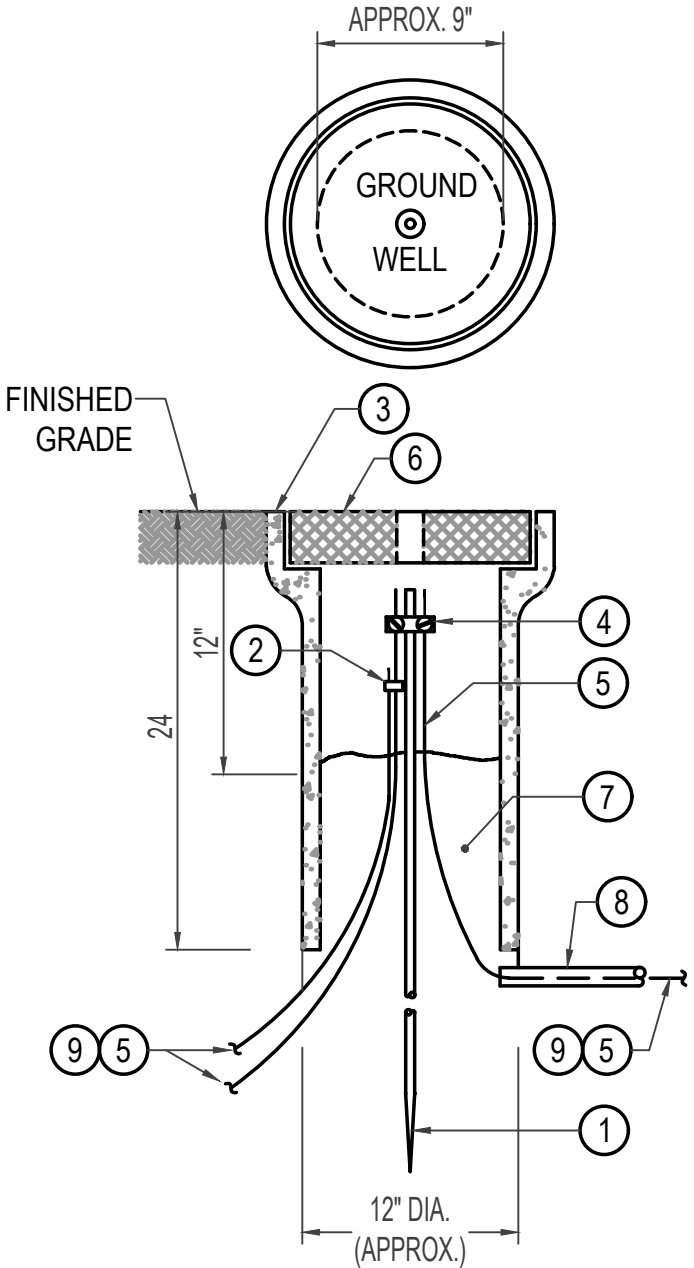
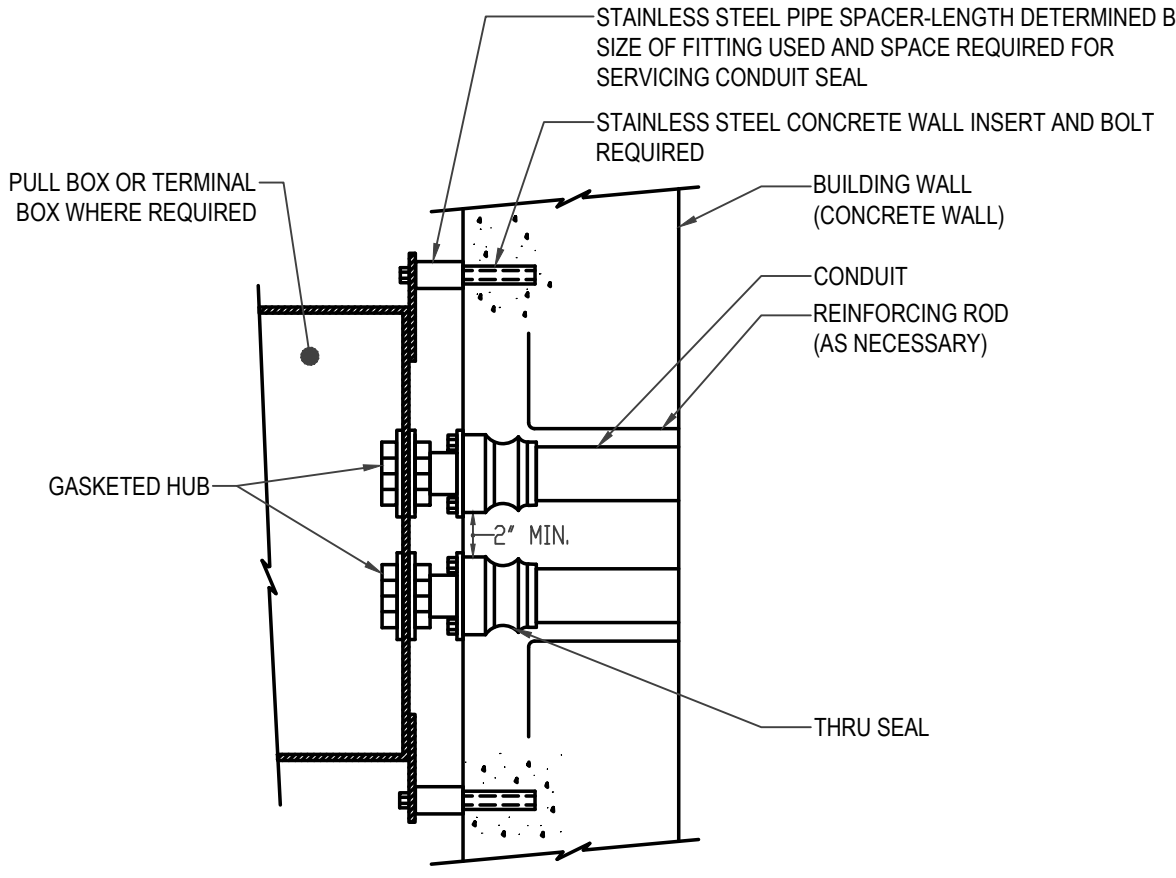
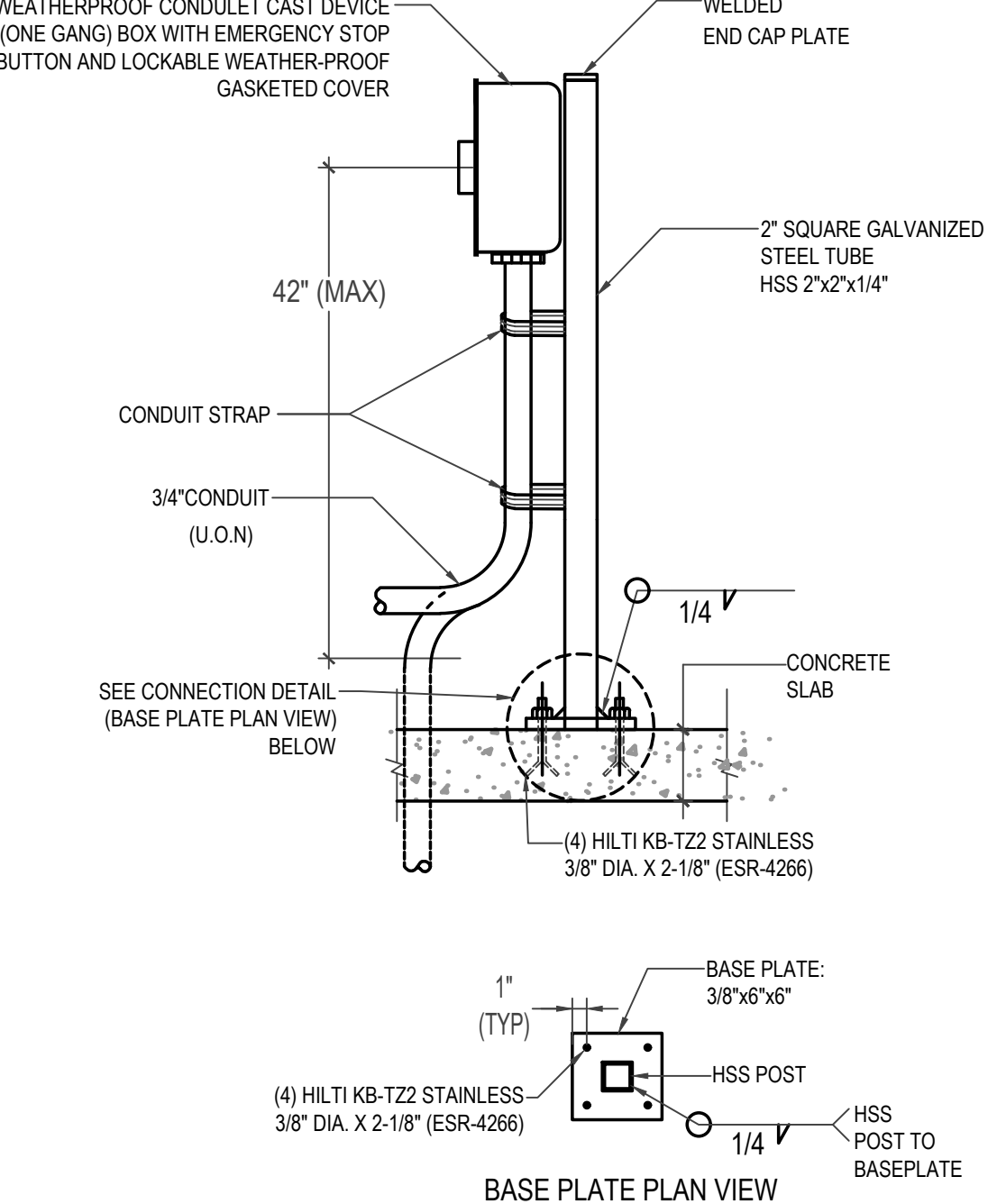
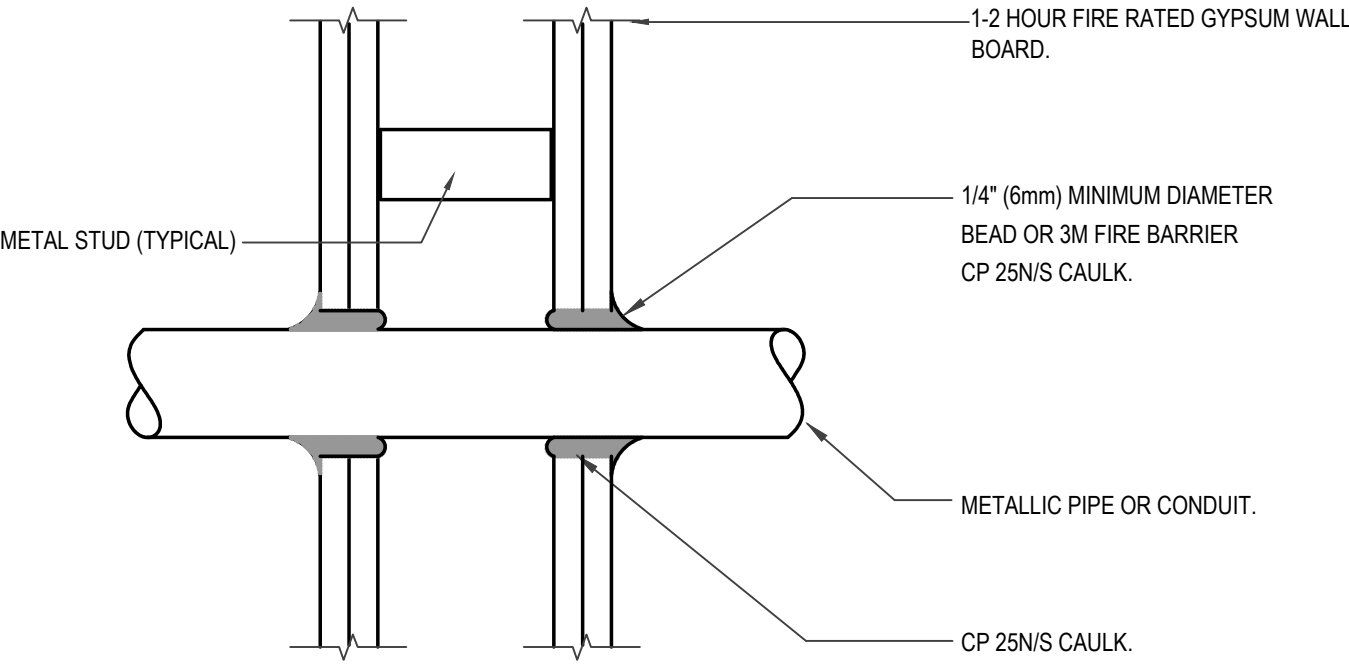
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CHECKED BY: dHA+CALPEC

SHEET NUMBER:

E-0.03



<div><div><h3>GROUNDING ELECTRODE SYSTEM:</h3><ol style="list-style-type: none"><li>3/4" DIA. x 10'-0" COPPER CLAD STEEL GROUND ROD, QUANTITY AS REQUIRED. THE ELECTRODE GROUNDING SYSTEM RESISTANCE TO GROUND SHALL NOT BE MORE THAN 5 OHMS. MULTIPLE GROUND ELECTRODES (MIN. 6FT APART) MAY BE REQUIRED</li><li>CABLE TO CABLE CADWELD FOR BUILDING GROUND RING GROUND CONDUCTOR AS APPLICABLE.</li><li>PRECAST GROUND ELECTRODE ENCLOSURE.</li><li>IRREVERSIBLE GROUNDING CONNECTION OR EXOTHERMIC WELD CONNECTION</li><li>#3/0 (MIN.) BARE COPPER GROUNDING CONDUCTOR CADWELD TO UFER/STEEL BAR OF BUILDING CONCRETE FOUNDATION &amp; METALLIC COLD WATER PIPE</li><li>STEEL TRAFFIC TYPE COVER WITH HOOK HOLE AND ETCHED WORDS "GROUNDWELL".</li><li>EARTHING BACKFILL SHALL BE NATIVE BACKFILL MATERIAL UNLESS ENHANCEMENT MATERIALS LOWERING GROUND RESISTANCE REQUIRED.</li><li>SCHEDULE 80 PVC CONDUIT WITH BARE COPPER GROUNDING CABLE.</li><li>TO SWITCHBOARD/PANEL GROUND BUS, FOR CONTINUATION SEE PLAN.</li></ol></div></div> <div><div>TYPICAL GROUND WELL DETAIL</div><div>N.T.S.</div><div>1</div></div>	<div><div><h3>NOTES:</h3><ol style="list-style-type: none"><li>COORDINATE PULLBOX LOCATION WITH USER TO MITIGATE USE OF PULLBOX AS MEANS TO ACCESS THE ROOF.</li><li>REFER TO ARCHITECTURAL / STRUCTURAL FOR BUILDING CONNECTIONS.</li></ol></div></div> <div><div>TYPICAL PULLBOX ON WALL DETAIL</div><div>N.T.S.</div><div>2</div></div>	<div><div><h3>NOTES:</h3><ol style="list-style-type: none"><li>REFER TO ARCHITECTURAL / STRUCTURAL FOR FURTHER CLARIFICATION.</li></ol></div></div> <div><div>TYPICAL OUTLET ON SLAB DETAIL</div><div>N.T.S.</div><div>3</div></div>
<div><div><h3>NOTES:</h3><ol style="list-style-type: none"><li>THE CAULK IS TO BE FORCED INTO THE ANNULAR SPACE TO THE MAXIMUM EXTENT POSSIBLE FLUSH WITH THE EXTERIOR OF THE PENETRATION SURFACE.</li><li>FINISH CAULKING WITH A 1/4" (6mm) MINIMUM BEAD OF CP 25N/S CAULK APPLIED TO THE PERIMETER OF THE CONDUIT/PIPE AT IT EGRESS FROM THE WALL.</li><li>THE MAXIMUM ANNULAR SPACE IS NOT TO EXCEED 3/16" (5mm). INSTALL 3M FIRESTOP ON BOTH SIDES OF WALL.</li><li>THESE RECOMMENDATIONS ARE BASED ON PRODUCT PERFORMANCE PER ASTM E-814 (UL 1479) FIRE TEST AND UL THROUGH-PENETRATION FIRESTOP SYSTEM #147.</li></ol></div><p>(FOR METAL CONDUIT)</p></div> <div><div>THRU GYP. WALL BOARD PENETRATION FIRESTOP</div><div>N.T.S.</div><div>4</div></div>	<div><div>NOT USED</div><div>N.T.S.</div><div>5</div></div>	<div><div>NOT USED</div><div>N.T.S.</div><div>6</div></div>

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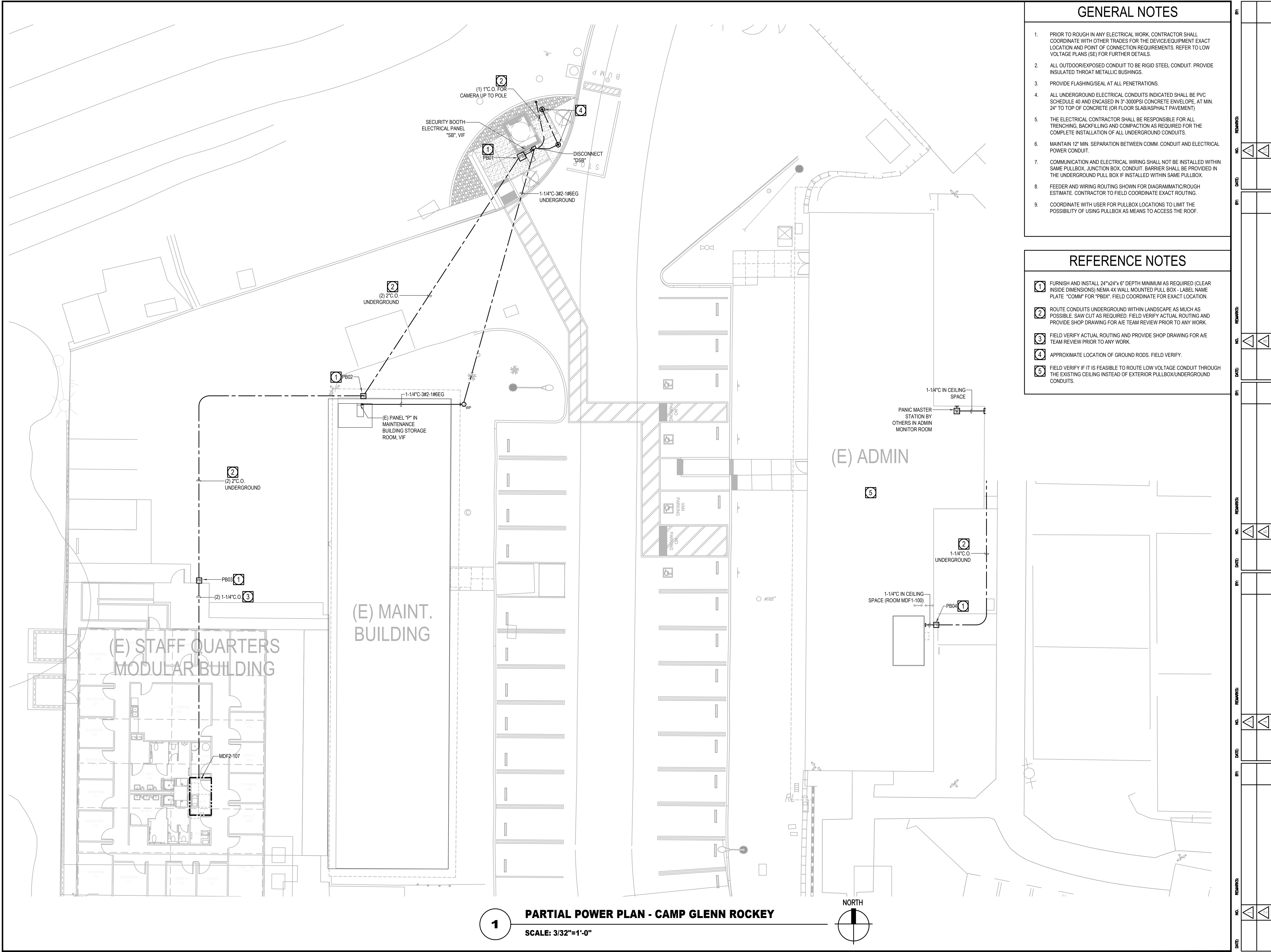
**BID SET**

TITLE:  
**DETAILS**

SCALE: AS NOTED  
DATE: 02-06-25  
DRAWN BY: dHA+CALPEC  
CHECKED BY: dHA+CALPEC  
SHEET NUMBER:

**E-0.04**





GENERAL NOTES

1. PRIOR TO ROUGH IN ANY ELECTRICAL WORK, CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR THE DEVICE/EQUIPMENT EXACT LOCATION AND POINT OF CONNECTION REQUIREMENTS. REFER TO LOW VOLTAGE PLANS (SE) FOR FURTHER DETAILS.
2. ALL OUTDOOR/EXPOSED CONDUIT TO BE RIGID STEEL CONDUIT. PROVIDE INSULATED THROAT METALLIC BUSHINGS.
3. PROVIDE FLASHING/SEAL AT ALL PENETRATIONS.
4. ALL UNDERGROUND ELECTRICAL CONDUITS INDICATED SHALL BE PVC SCHEDULE 40 AND ENCASED IN 3"-3000PSI CONCRETE ENVELOPE, AT MIN. 24" TO TOP OF CONCRETE (OR FLOOR SLAB/ASPHALT PAVEMENT)
5. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING, BACKFILLING AND COMPACTION AS REQUIRED FOR THE COMPLETE INSTALLATION OF ALL UNDERGROUND CONDUITS.
6. MAINTAIN 12" MIN. SEPARATION BETWEEN COMM. CONDUIT AND ELECTRICAL POWER CONDUIT.
7. COMMUNICATION AND ELECTRICAL WIRING SHALL NOT BE INSTALLED WITHIN SAME PULLBOX, JUNCTION BOX, CONDUIT. BARRIER SHALL BE PROVIDED IN THE UNDERGROUND PULL BOX IF INSTALLED WITHIN SAME PULLBOX.
8. FEEDER AND WIRING ROUTING SHOWN FOR DIAGRAMMATIC/ROUGH ESTIMATE. CONTRACTOR TO FIELD COORDINATE EXACT ROUTING.
9. COORDINATE WITH USER FOR PULLBOX LOCATIONS TO LIMIT THE POSSIBILITY OF USING PULLBOX AS MEANS TO ACCESS THE ROOF.

REFERENCE NOTES

- 1 FURNISH AND INSTALL 24"x24"x6" DEPTH MINIMUM AS REQUIRED (CLEAR INSIDE DIMENSIONS) NEMA 4X WALL MOUNTED PULL BOX - LABEL NAME PLATE "COMM" FOR "PB0X". FIELD COORDINATE FOR EXACT LOCATION.
- 2 ROUTE CONDUITS UNDERGROUND WITHIN LANDSCAPE AS MUCH AS POSSIBLE. SAW CUT AS REQUIRED. FIELD VERIFY ACTUAL ROUTING AND PROVIDE SHOP DRAWING FOR A/E TEAM REVIEW PRIOR TO ANY WORK.
- 3 FIELD VERIFY ACTUAL ROUTING AND PROVIDE SHOP DRAWING FOR A/E TEAM REVIEW PRIOR TO ANY WORK.
- 4 APPROXIMATE LOCATION OF GROUND RODS. FIELD VERIFY.
- 5 FIELD VERIFY IF IT IS FEASIBLE TO ROUTE LOW VOLTAGE CONDUIT THROUGH THE EXISTING CEILING INSTEAD OF EXTERIOR PULLBOX/UNDERGROUND CONDUITS.

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LOS ANGELES COUNTY  
PUBLIC WORKS  
900 SOUTH FREMONT AVE.  
ALHAMBRA, CA 91803

PROJECT :

CAMP GLENN ROCKEY  
SECURITY UPGRADES

LOCATION :

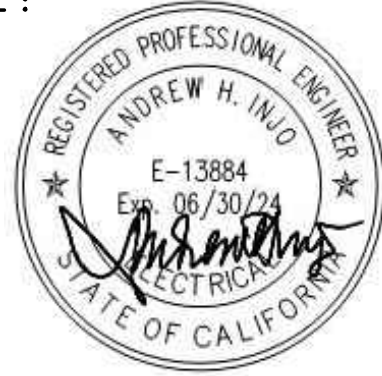
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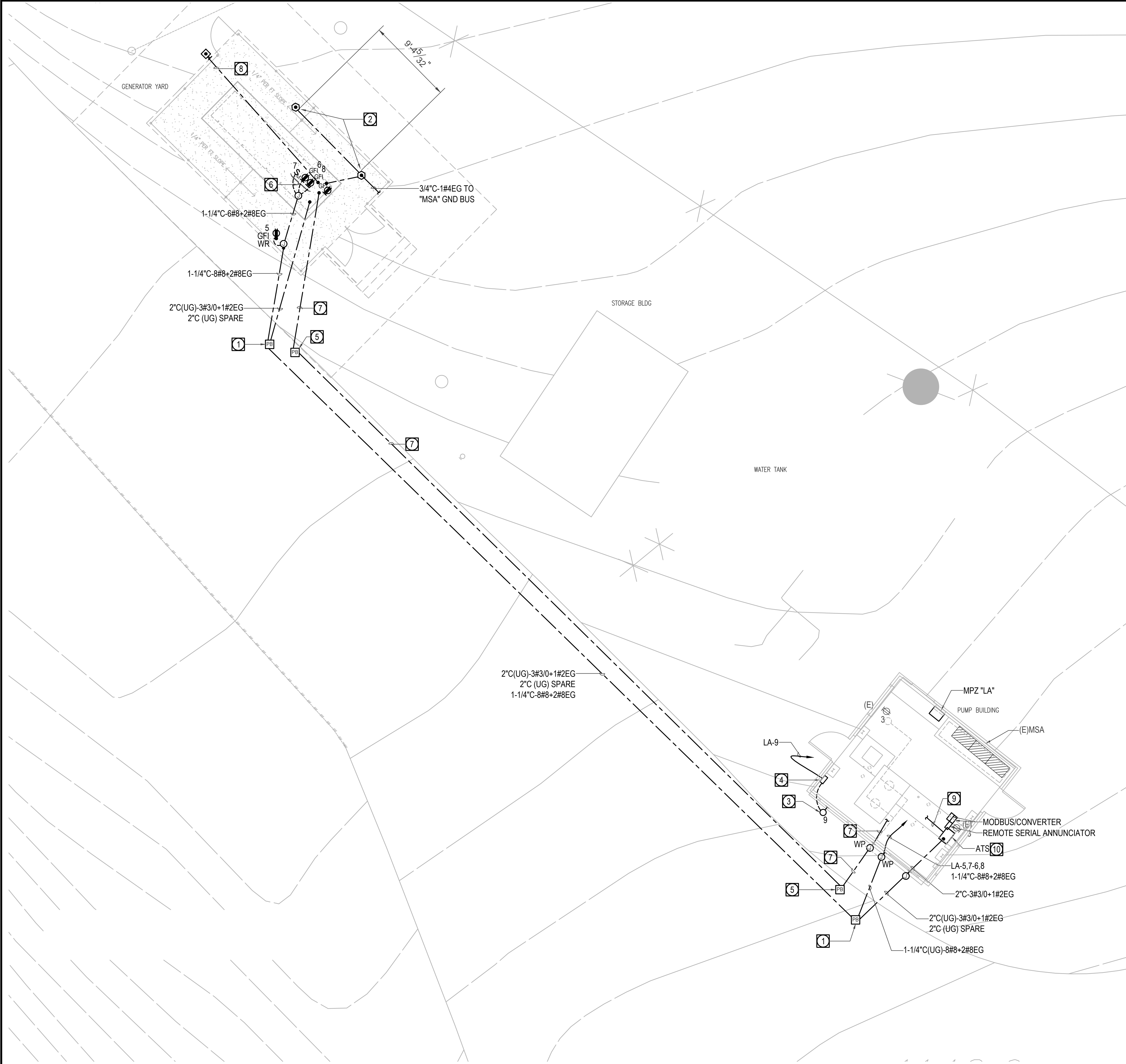
TITLE:

PARTIAL POWER  
PLAN - CAMP GLENN  
ROCKEY

SCALE: AS NOTED  
DATE: 02-06-25  
DRAWN BY: dHA+CALPEC  
CHECKED BY: dHA+CALPEC  
SHEET NUMBER:

E-1.01





**1** PARTIAL POWER PLAN - PUMP BUILDING  
SCALE: 3/16"=1'-0"

GENERAL NOTES

1. PRIOR TO ROUGH IN ANY ELECTRICAL WORK, CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR THE DEVICE/EQUIPMENT EXACT LOCATION AND POINT OF CONNECTION REQUIREMENTS.
2. ALL CONDUCTORS SHALL BE MINIMUM #10. HOMERUN CONDUCTOR SIZING APPLIES TO WHOLE CIRCUIT UON.
3. ALL OUTDOOR/EXPOSED CONDUIT TO BE RIGID STEEL CONDUIT. PROVIDE INSULATED THROAT METALLIC BUSHINGS.
4. ALL OUTDOOR RECEPTACLES TO BE GFI, WEATHER RESISTANT TYPE IN WEATHER PROOF IN-USE EXTRA DUTY ENCLOSURE.
5. PROVIDE FLASHING/SEAL AT ALL PENETRATIONS.
6. ALL UNDERGROUND ELECTRICAL CONDUITS INDICATED SHALL BE PVC SCHEDULE 40 AND ENCASED IN 3"-3000PSI CONCRETE ENVELOPE, AT MIN. 24" TO TOP OF CONCRETE (OR FLOOR SLAB/ASPHALT PAVEMENT)
7. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING, BACKFILLING AND COMPACTION AS REQUIRED FOR THE COMPLETE INSTALLATION OF ALL UNDERGROUND CONDUITS.
8. MAINTAIN 12" MIN. SEPARATION BETWEEN COMM. CONDUIT AND ELECTRICAL POWER CONDUIT.
9. COMMUNICATION AND ELECTRICAL WIRING SHALL NOT BE INSTALLED WITHIN SAME PULLBOX, JUNCTION BOX, CONDUIT. BARRIER SHALL BE PROVIDED IN THE UNDERGROUND PULL BOX IF INSTALLED WITHIN SAME PULLBOX.
10. FEEDER AND WIRING ROUTING SHOWN FOR DIAGRAMMATIC/ROUGH ESTIMATE. CONTRACTOR TO FIELD COORDINATE EXACT ROUTING.

REFERENCE NOTES

- 1 FURNISH AND INSTALL 24"x24" (CLEAR INSIDE DIMENSIONS) UTILITY PRE-CAST CONCRETE PULL BOX WITH REINFORCED CONCRETE TRAFFIC RATED LID - LABEL NAME PLATE "ELECTRIC". FIELD COORDINATE FOR EXACT LOCATION.
- 2 APPROXIMATE LOCATION OF GROUND RODS. FIELD VERIFY.
- 3 PROVIDE EXTERIOR LIGHT FIXTURE CANLET #68-01-12W-L-W-F-OG-14-1 THAT SHALL ONLY TURN ON WHEN THE GENERATOR IS ACTIVATED.
- 4 PROVIDE CONTACTOR WITH N.O. / N.C. CONTACTS IN PULLBOX AND PROVIDE CONNECTION TO EXISTING MANUAL TRANSFER SWITCH THAT WILL ACTIVATE EXTERIOR LIGHT WHEN THE GENERATOR IS ACTIVE. FIELD COORDINATE WITH MANUFACTURER FOR CONNECTION REQUIREMENTS.
- 5 FURNISH AND INSTALL 9-3/4"x15-5/8" UTILITY BOX WITH REINFORCED CONCRETE LID. OLD CASTLE CAT. #903 BOX/8-3D LID. FOR THE POWER HAND HOLE. LABEL NAME PLATE "ELECTRIC". FIELD COORDINATE FOR EXACT LOCATION.
- 6 PROVIDE (2) NEMA 5-20R GFCI DUPLEX RECEPTACLES FOR CONNECTION TO WATER HEATER JACKET PLUG AND BATTERY CHARGER PLUG-IN AND A SWITCH FOR CONNECTION TO ALTERNATOR HEATER WITHIN GENERATOR SET. FIELD COORDINATE WITH GENERATOR VENDOR FOR LOCATION OF RECEPTACLES.
- 7 PROVIDE 1"C WITH THE FOLLOWING:
  - 2#12 (START/STOP SIGNAL); BETWEEN GENERATOR TO MTS
  - BELDEN 9841 (COMMUNICATIONS) BETWEEN GENERATOR TO MODBUS/ETHERNET CONVERTER IN PUMP BUILDING
  - 2#12 (DC BATTERY POWER); BETWEEN GENERATOR TO (2) MODBUS CONVERTERS AND (1) REMOTE SERIAL ANNUNCIATOR IN PUMP BUILDING. FIELD COORDINATE WITH GENERATOR VENDOR.
- 8 PROVIDE 1/2"C-2#14 FOR CONNECTION TO LOCKED REMOTE EMERGENCY STOP OUTSIDE GENERATOR YARD ENTRANCE FROM GENERATOR. REMOTE EMERGENCY STOP TO BE INSTALLED BY ELECTRICAL. PROVIDE SUPPORT HARDWARE AND WARNING SIGNAGE AS REQUIRED.
- 9 PROVIDE 3/4"C WITH BELDEN 9841 FROM ATS TO MODBUS/ETHERNET CONVERTER IN PUMPHOUSE. FIELD VERIFY EXACT LOCATION.
- 10 DISCONNECT EXISTING MTS. FURNISH AND INSTALL ATS AND RECONNECT POWER CONNECTIONS TO NEW ATS. FIELD VERIFY LOCATION AND ROUTING OF EXISTING CONNECTIONS. REFER TO SINGLE LINE DIAGRAM FOR ATS INFORMATION.

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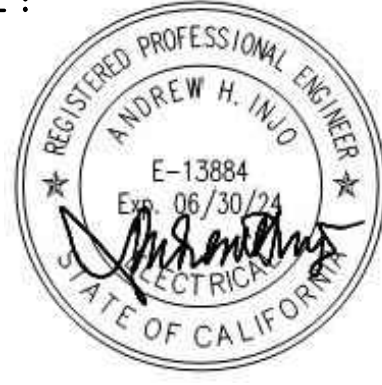
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S E C U R I T Y   S Y S T E M

CAMP ROCKEY SECURITY UPGRADES

SYMBOL LIST

GENERAL:

- 2

REFERENCE NOTE.
- CONDUIT RUN, CONCEALED IN CEILING AND WALL TURNING DOWN.
- CONDUIT RUN CONCEALED IN CEILING AND WALL TURNING UP.
- CONDUIT STUB WITH CAP. (WITH POLY-PROPYLENE PULL WIRE).
- CONDUIT, QUANTITY AND SIZE AS NOTED
- CONDUIT RUN EXPOSED
- CONDUIT RUN UNDERGROUND
- CONDUIT SEAL
- CABLE TRAY
- LADDER RACK TRAY
- J

J-HOOKS
- REFER TO ELEVATION DRAWING AND SHEET INDICATED.
- REFER TO DRAWING AND SHEET INDICATED.

POWER SYSTEM:

- DUPLEX RECEPTACLE NEMA 5-20R
- QUAD RECEPTACLE NEMA 5-20R

SURVEILLANCE SYSTEM:

- INDOOR DOM CAMERA
- OUTDOOR DOM CAMERA
- BULLET CAMERA
- OUTDOOR BULLET CAMERA
- PTZ OUTDOOR DOM CAMERA

- X

INDICATES QUANTITY OF CABLES
- Y

INDICATES TYPE OF CABLE
- Z

INDICATES END LOCATION
- W

SIZE OF PATHWAY

- FLOOR STANDING EQUIPMENT RACK
- WALL MOUNTED EQUIPMENT RACK
- CABINET EQUIPMENT RACK

SECURITY SYSTEM:

- 180° CEILING MOUNTED MOTION DETECTOR (SECURITY SYSTEM)
- 360° CEILING MOUNTED MOTION DETECTOR (SECURITY SYSTEM)
- ALARM KEYPAD
- DOOR MAGNET
- GLASS BREAK SENSOR
- DOOR POSITION SENSOR
- MAGNETIC DOOR HOLDER
- INTRUSION PANEL
- CARD READER, ONE GANG 4S JUNCTION BOX 2 1/8" DEEP  
STUBBED 6" ABOVE CEILING AT A.F.F.42", OTHERWISE SPECIFIED.
- CLOUD NODE WITH BUILT-IN SINGLE DOOR CONTROLLER, MOUNT  
ABOVE CEILING OR NON VISIBALE LOCATION, OTHERWISE SPECIFIED.
- SINGLE IO -INTERNET WITH SINGLE DOOR CONTROLLER,  
OTHERWISE SPECIFIED.
- EIGHT IO -INTERNET WITH SINGLE DOOR CONTROLLER,  
OTHERWISE SPECIFIED.
- ENCLOSED POWER SUPPLY
- DOOR RELEASE BUTTON
- MOTION DOOR RELEASE
- INTERCOM SUB STATION
- CCTV WORK STATION
- INTERCOM MASTER STATION
- STROBE LIGHT

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF BICSI INTRASTRUCTURE STANDARDS AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS, THE DOCUMENTS SHALL GOVERN BUT THE CONSTRUCTIONS DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY OF VIOLATE ANY CODE OR REGULATION.
2. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS REGARDING THIS WORK.
3. VERIFY CONFORMANCE OF FIELD CONDITION WITH THE SPECIFICATIONS AND DRAWING PRIOR TO THE CONDUIT OF THE ASSOCIATED WORK.
4. SUB-CONTRACTOR IS REQUIRED TO READ, UNDERSTAND AND COMPLY WITH CURRENT COMMUNICATION SYSTEMS DESIGN AND EQUIPMENT SPECIFICATIONS.
5. THE REPRESENTATION OF PHYSICAL PLACEMENT OF EXISTING CONDUITS HAS BEEN DEVELOPED FROM THE BEST INFORMATION AVAILABLE AT THE TIME THE DRAWINGS WERE PREPARED. PROVIDED PLANS ARE ONLY AS A GENERAL GUIDELINE FOR THE CONVENIENCE OF BIDDERS/SUB-CONTRACTORS & DOES NOT GUARANTEE OR WARRANT IN ANY WAY EXPRESSLY OR IMPLIED THE ACCURACY OF THESE REPRESENTATIONS. NOTHING IN THIS DISCLAIMER AFFECTS IN ANY WAY THE DUTY OF THE SUB-CONTRACTOR TO FURNISH ACCURATE "AS-BUILT" DRAWINGS.
6. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE(S), OR ANY RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF OWNER PRIOR TO COMMENCING ANY WORK.
7. WHERE DRAWINGS DO NOT INDICATE DEMOLITION OF EXISTING WALLS OR CEILING BUT IS REQUIRED FOR ACCESS TO INSTALL NEW EQUIPMENT, DEMOLITION AND PATCHING REQUIRED FOR THE NEW WORK IS THE RESPONSIBILITY OF SUB-CONTRACTOR AND SHOULD BE INCLUDED IN HIS BID PRICE.
8. THE SMALLEST RACEWAY SHALL BE 3/4" DIAMETER FOR SINGLE CABLE.
9. ALL UNDERGROUND CONDUITS SHALL BE ENCASED IN CONCRETE 3" ON ALL SIDES WITH MULTIPLE CONDUITS SPACED NOT LESS THAN 3" APART AND 12" MIN APART BETWEEN POWER AND SIGNAL, WITH MINIMUM DEPTH OF NOT LESS THAN 24" BELOW FINISHED GRADE TO THE TOP OF CONCRETE ENVELOPE.
10. SCAN SURFACE AND VERIFY LOCATION AND ROUTING OF EXISTING UNDERGROUND UTILITIES, LANDSCAPING AND STRUCTURAL OBSTACLES PRIOR TO TRENCHING AND CONDUIT BANK ROUTING. SUB-CONTRACTOR SHALL SCAN TRENCH PATH FOR HIDDEN UTILITIES BEFORE DIGGING.
11. IT IS THE SUB-CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ROUTING OF NEW TRENCHING IN AREAS OF EXISTING UNDERGROUND UTILITIES, METER, DRAINS, AND IRRIGATION SYSTEMS, ETC. OWNER REPRESENTATIVE MUST APPROVE ANY PROPOSED DEVIATION FROM THE ROUTING SHOWN ON PLANS. SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RESULTING DAMAGE TO EXISTING UNDERGROUND UTILITIES DUE TO EXCAVATION AND SHALL REPAIR AS REQUIRED AT SUB-CONTRACTOR EXPENSE.
12. INSTALL FOOTAGE MARKED MULE TAPE IN ALL NEWLY INSTALLED CONDUITS.
13. ALL CONDUIT BODIES INSTALLED OUTDOORS SHALL BE WEATHERPROOF (NEMA 3R).
14. CONDUIT STUBS SHALL BE TERMINATED IN ACCESSIBLE LOCATIONS, SECURELY CAPPED AND MARKED WITH AN APPROVED VISIBLE MARKER.
15. THE DRAWINGS DO NOT INDICATE ALL ARCHITECTURAL FEATURES WHERE CONDUIT & SURFACE WIREWAYS ARE TO BE INSTALLED. SUB-CONTRACTORS SHALL PROVIDE SPECIFICATION COMPLIANT SUPPORT, OFFSETS, BOXES, FITTINGS, ETC. FOR A COMPLETE INSTALLATION THAT WILL SERVE THE INTENDED SERVICE AND SHALL PROVIDE AS-BUILT DRAWINGS.
16. CONDUITS SHALL BE CLEAN OF WATER, DEBRIS, AND OTHER FOREIGN MATERIAL PRIOR TO PULLING CABLES.
17. GROUT AND SEAL ALL CONDUIT PENETRATION OF WALLS AND FLOOR SLABS TO PRESERVE FIRE RATING AND WATERTIGHT INTEGRITY. PENETRATION OF CONDUITS IN FIRE RATED WALLS, FLOORS AND ROOF/CEILING ASSEMBLIES REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED. ALL OPENINGS IN FIRE RATED STRUCTURES SHALL BE FIRE STOPPED THE SAME DAY THAT THE OPENING IS MADE.
18. SUB-CONTRACTOR SHALL PROVIDE ADEQUATE LABOR & MATERIAL TO FIELD VERIFY THE EXACT LOCATION OF ALL DEVICE LOCATIONS IN THE DESIGN, AND TO RE-LOCATE DEVICE ADJACENT TO LOCATIONS SHOWN ON DRAWINGS AS TO CLEAR OBSTRUCTIONS AND COORDINATE WITH FIELD CONDITIONS, INCLUDE ALL COST IN BID PRICE.
19. MAXIMUM PERCENT OF CONDUIT FILL SHALL BE 40 PERCENT & MAXIMUM WIREWAY FILL SHALL BE 40 PERCENT.
20. ALL DEVICES INDICATED ON DRAWINGS AS EXISTING TO REMAIN OR TO BE REMOVED ARE BASED ON FIELD SURVEY DURING THE DESIGN WORK.
21. EQUIPMENTS GROUNDING SHALL BE GOVERNED BY C.E.C. AND IEEE STANDARD 1100-2005; IEEE RECOMMENDED PRACTICE FOR POWERING AND GROUNDING SENSITIVE ELECTRONIC EQUIPMENT. PROVIDE A GROUNDING CONDUCTOR IN ALL NONMETALLIC CONDUITS AND IN FLEXIBLE CONDUITS. ENSURE THERE ARE NO GROUND LOOP ISSUES.
22. ANY FIRE RETARDANT PLYWOOD BEING CUT FROM ITS ORIGINAL 4'X8' SIZE, MUST BE INSPECTED AND APPROVED BY THE PROJECT CONSTRUCTION MANAGER PRIOR TO BEING CUT. SECTIONALIZED AND PAINTED WITH FIRE RETARDANT PAINT FOR USE. ANY SECTIONS OF PLYWOOD NOT INSPECTED PRIOR TO PAINTING AND OR MOUNTING WILL BE REMOVED AND REPLACED AT THE EXPENSE OF THE CONTRACTOR.
23. COORDINATE AND SCHEDULE THIS WORK WITH THE GENERAL CONTRACTOR AND ALL RELATED TRADES TO ASSURE ITS TIMELY COMPLETION.
24. MOUNT ALL DEVICES AT THE POSITION INDICATED ON THE ARCHITECTURAL ELEVATIONS.
25. COORDINATE LANDING AREAS FOR ALL CONDUIT PRIOR TO CONDUIT INSTALLATION.
26. THE SUB-CONTRACTOR IS TO RETURN ALL REMOVED MATERIALS AND EQUIPMENT THAT ARE SALVAGEABLE TO OWNER REPRESENTATIVE. THE SUB-CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL UNSALVAGEABLE MATERIAL FROM THE PREMISES. THE EXPOSED SURFACE (EXCEPT WIREMOLD & WIREMOLD FITTINGS) SHALL BE PAINTED TO MATCH SURROUNDING SURFACES. DO NOT REUSE MATERIALS AND EQUIPMENT, UNLESS SPECIALLY INDICATED ON PLANS OR SPECIFIED.
27. THE SUB-CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANYWAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT OR STRUCTURAL ENGINEER. ALL CORING SHALL BE PERFORMED ON PREMIUM TIME BASIS. NOTIFY OWNER REPRESENTATIVE 72-WORKING HOURS IN ADVANCE. ALL CORE DRILLING, CUTTING AND PATCHING OF WALLS OR SLABS SHALL BE AS SPECIFIED UNDER GENERAL CONDITIONS AND RELATED DETAILS.
28. WHERE EXISTING STRUCTURAL WALLS ARE CORED FOR NEW CONDUIT RUNS, SEPARATION BETWEEN CORED HOLES SHALL BE THREE INCHES MINIMUM FROM NEW OR EXISTING HOLES, UNLESS DIRECTED OTHERWISE BY STRUCTURAL ENGINEER.
29. THE SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND PAINTING ALL EXISTING SURFACES (WALLS, CEILING, ETC.) DISTURBED BY HIM FOR ELECTRICAL WORK. PATCHING AND PAINTING SHALL MATCH EXISTING SURFACES AS TO QUALITY, METHOD, FINISH AND FIRE RATING.
31. PROVIDE TRANSITION JUNCTION & EXTENSION BOXES AND FITTINGS WHEREVER SURFACE WIREWAYS ARE TERMINATED OR CHANGED OVER TO CONDUITS.
32. WHERE HOMERUNS WITH CONDUIT AND CONDUCTORS ARE INDICATED ON DRAWINGS TO BE EXTENDED FROM DATA OUTLETS OR RECEPTACLES, EXTEND WIREWAYS VERTICALLY 6" ABOVE THE ACCESSIBLE CEILING. PROVIDE OUTLET BOXES AT THE END OF WIREWAYS AND EXTEND CONDUCTORS WITH INDICATED CONDUCTORS.
33. WHERE OUTLETS ARE REMOVED IN EXISTING CEILING TO REMAIN, REMOVE DEVICES, FRAMES, SUPPORTS, OUTLETS AND WIRING BACK TO PANEL BOARD TO NEAREST OUTLET WITH EXISTING LOAD TO REMAIN.
34. PROVIDE BLANK COVER PLATE FOR ALL EMPTY OUTLET BOXES WHERE DEVICES AND/OR CONDUCTORS HAVE BEEN REMOVED AS PART OF THIS CONTRACT.
35. ALL WORK SHALL BE SCHEDULED TO MINIMIZE INTERFERENCE AND INCONVENIENCE TO OTHER SECTIONS OF THE FACILITY.
36. USE "J" HOOKS FOR THE BULK OF THE STATION CABLE DISTRIBUTION. NO USE CEILING TILE WIRE HANGERS, WATER OR ELECTRICAL PIPES, OR LIGHT FIXTURES TO HANG CABLE. CABLE MUST BE A MINIMUM OF SIX INCHES ABOVE THE CEILING TILE AND MUST NOT COME WITHIN TWELVE INCHES OF A LIGHT FIXTURE.
37. ALL STATION CABLES SHALL BE NEATLY DRESSED AND SECURED EVERY FOUR FEET AT MINIMUM.
38. THE SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILING TILE INCLUDING REPLACEMENT OF BROKEN OR DAMAGED TILES.
39. ALL STATION CABLES SHALL BE PLACED WITH A MINIMUM 3 FEET MAINTENANCE LOOP ABOVE CEILING AT EACH LOCATION.
40. FIBER OPTIC CABLE SHALL BE PLACED WITH 10 FEET MAINTENANCE LOOP AT BOTH ENDS OF THE RUN. THE MAINTENANCE LOOP SHALL BE SECURED IN SUCH A MANNER TO PROVIDE PROTECTION DURING SUBSEQUENT CABLE PULLS.
41. THE SUB-CONTRACTOR SHALL PROVIDE ALL CABLE, HARDWARE AND EQUIPMENT SHOWN ON THESE DRAWINGS EXCEPT WHERE OTHERWISE NOTED.

DRAWING INDEX

SHEET	SHEET NO.	DESCRIPTION/AREA
1	SE-01	TITLE SHEET
2	SE-02	SITE PLAN
3	SE-03	PARTIAL SITE PLAN
4	SE-04	SECURITY BOOTH PLAN
5	SE-05	DETAIL
6	SE-06	RISER DIAGRAMS
7	SE-07	MDF1-103 & MDF2-107 RACK ELEVATIONS

BACKBOX SCHEDULE

SYMBOL	MANUFACTURE	MODEL	QUANTITY	BACKBOX SIZE	BOX TYPE	INSERT/BRACKET/UNITS
	AIPHONE	IX-RS-B	1	ONE GANG		
	AIPHONE	IX-NVP2	1	THREE GANG		
	SECO LARM	SL-1301	1	ONE GANG	ROUND	

CABLE SCHEDULE

SYMBOL	APPLICTION	DESCRIPTION	O.D.	MANUFACTURER	PART #
C1		PLENUM 18/2 AWG UNSHIELDED CONTROL CABLE		West Penn	
C2		PLENUM 22/2 AWG UNSHIELDED CONTROL CABLE		West Penn	
C3		PLENUM 22/4 AWG UNSHIELDED CONTROL CABLE		West Penn	
C4		PLENUM 22/6 AWG UNSHIELDED CONTROL CABLE(CARD READER)		West Penn	
C6		CATEGORY 6 CABLE		Prysmian Group	GenSPEED® 6 EfficientCMAx™

SUPPLEMENTAL CODES & REFERENCES

- UNDERWRITERS LABORATORIES INC. (UL): APPLICABLE LISTINGS AND RATINGS
- CALIFORNIA ELECTRICAL CODE, CURRENT ENFORCED EDITION.
- NATIONAL STATE AND LOCAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) BUILDING AND FIRE CODES.
- ANSI/TIA/EIA TELECOMMUNICATIONS BUILDING WIRING STANDARDS
- BICSI TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL, ELEVENTH EDITION
- NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA)
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), NFPA-70.

ABBREVIATIONS

- 12mm/5mm

12/6
- 12mm/12mm

12/12
- ABOVE FINISHED FLOOR

AFF
- ABOVE FINISHED GROUND

AFG
- ACCESS POINT

AP
- CATEGORY 5E/6/7

CSE/C6/C7
- CLOSET

CLST
- COAX CABLE

COAX
- CONDUIT

C
- ELECTRICAL METALLIC TUBING

EMT
- ELECTRICAL CONTRACTOR

EC
- EQUIPMENT ROOM

EQPT RM
- FIBER OPTIC

FO
- FIBER OPTIC PATCH PANEL

FOPP
- GENERAL CONTRACTOR

GC
- JUNCTION BOX

J
- LOCAL DISTRIBUTION FRAME

LDF
- INTERMEDIATE DISTRIBUTION FRAME

IDF
- MAIN DISTRIBUTION FRAME

MDF
- MAIN POINT OF ENTRY

MPOE
- MULTIMODE FIBER (# OF MULTIMODE STRANDS)

#mm
- SINGLEMODE FIBER (# OF SINGLEMODE STRANDS)

#sm
- NOT TO SCALE

NTS
- OUTSIDE PULL BOX

OPB
- PULL BOX

PB
- POWER INJECTOR

POE
- RELOCATED

RE
- TELEPHONE SERVICE ENTRANCE

TSE
- TELECOMMUNICATION BACKBOARD

TBB
- TYPICAL

TYP
- EXISTING DEVICE TO REMAIN

E
- FUTURE

F
- NEW DEVICE

N
- EXISTING TO BE REPLACED

R
- EXISTING TO BE REMOVED

X
- EXISTING TO STORE AND REINSTALL

RE
- UNDERGROUND

UG
- UNINTERRUPTIBLE POWER SUPPLY

UPS
- BELOW GRAPES

BG
- BELOW FINISHED CLNING

BFC
- ELECTRICAL CONTRACTOR

EC
- TEMPERATURE

T
- TERMINAL CABINET

TC

BID SET

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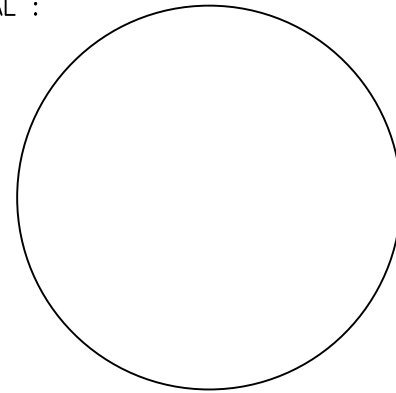
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TITLE:

TITLE  
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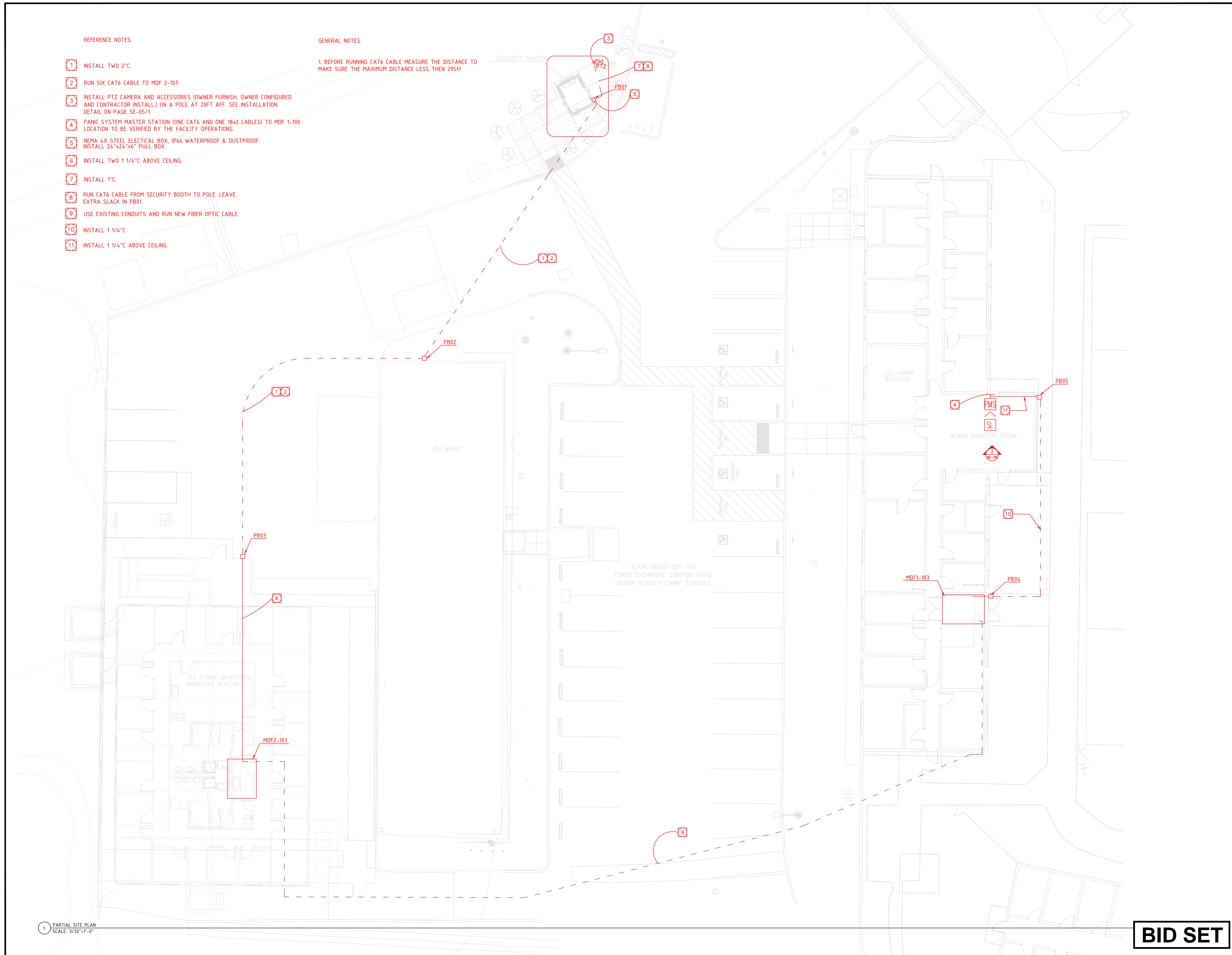




GENERAL NOTES.

1. INSTALL TWO 2" C.
2. RUN SIX CAT6 CABLE TO MDF 2-107.
3. INSTALL PTZ CAMERA AND ACCESSORIES (OWNER FURNISH, OWNER CONFIGURED AND CONTRACTOR INSTALL) ON A POLE AT 20FT AFF. SEE INSTALLATION DETAIL ON PAGE SE-05/1.
4. PANIC SYSTEM MASTER STATION (ONE CAT6 AND ONE 18x2 CABLES) TO MDF 1-100. LOCATION TO BE VERIFIED BY THE FACILITY OPERATIONS.
5. NEMA 4X STEEL ELECTRICAL BOX, IP66 WATERPROOF & DUSTPROOF. INSTALL 24"x24"x6" PULL BOX.
6. INSTALL TWO 1 1/4" C ABOVE CEILING.
7. INSTALL 1" C.
8. RUN CAT6 CABLE FROM SECURITY BOOTH TO POLE. LEAVE EXTRA SLACK IN PB01.
9. USE EXISTING CONDUITS AND RUN NEW FIBER OPTIC CABLE.
10. INSTALL 1 1/4" C.
11. INSTALL 1 1/4" C ABOVE CEILING.

1. BEFORE RUNNING CAT6 CABLE MEASURE THE DISTANCE TO MAKE SURE THE MAXIMUM DISTANCE LESS THEN 295ft.



1 PARTIAL SITE PLAN  
SCALE: 3/32"=1'-0"

**BID SET**

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PROJECT :

## SECURITY UPGRADES

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

 **JTC**  
architects, inc.

**65N.1ST AVENUE, SUITE 201  
ARCADIA, CA 91006**

T: 626-254-8884  
E: info@jtcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :

CONSULTANT :

**innovave**  
Consulting & Design

12970 Branford St, Unit F, Arleta,  
CA 91331  
DIRECT: 818-630-5755  
FAX: 818-892-2322  
WWW.innovave.com

TITLE:

## PARTIAL SITE PLAN

SCALE: AS NOTED

SCALE:	AS NOTED
DATE:	<b>02-06-25</b>

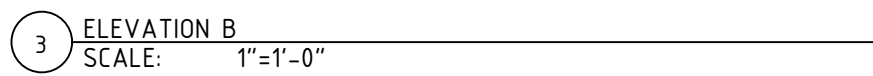
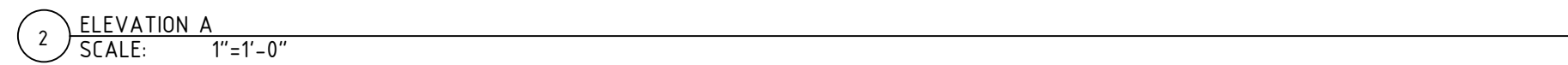
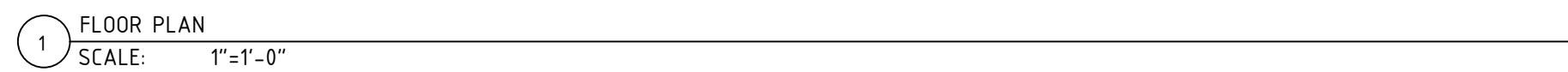
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CHECKED BY:	JA
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SHEET NUMBER:

SE-03





- 1 SINGLE PHASE 2KVA UPS.
- 2 4 PORT METAL SURFACE RACEWAY DEEP 2 GANG WITH RJ-45 JACKS.
- 3 SURVEILLANCE MONITOR.
- 4 INTERCOM SUB STATION (AIPHONE IX-NVP2). FLUSH MOUNT HORIZONTALLY INTO A 3-GANG MASONRY TYPE BOX (RACO MODEL 692 OR EQUIVALENT).
- 5 EXISTING 20AMP DUPLEX RECEPTACLES.
- 6 TYPICAL CCTV CLIENT PC.
- 7 PASS THROUGH GROMMET PLATE.
- 8 PENETRATION WITH 1 1/4" CONDUIT STUB-OUT.
- 9 1 1/4" PLASTIC SURFACE MOUNT RACEWAY.

DATE	NO.	REMARKS:	SPT.	DATE	NO.	REMARKS:	SPT.	DATE	NO.	REMARKS:	SPT.	DATE	NO.	REMARKS:	SPT.
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## SECURITY UPGRADES

LOCATION :

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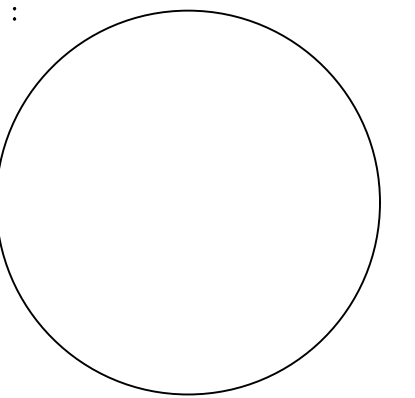
ARCHITECT :



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JTC PROJECT NO: **37606.0D**

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CONSULTANT :



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TITLE:

## SECURITIES BOOTH PLAN

SCALE: AS NOTED

DATE: 02-06-25

DRAWN BY: VL

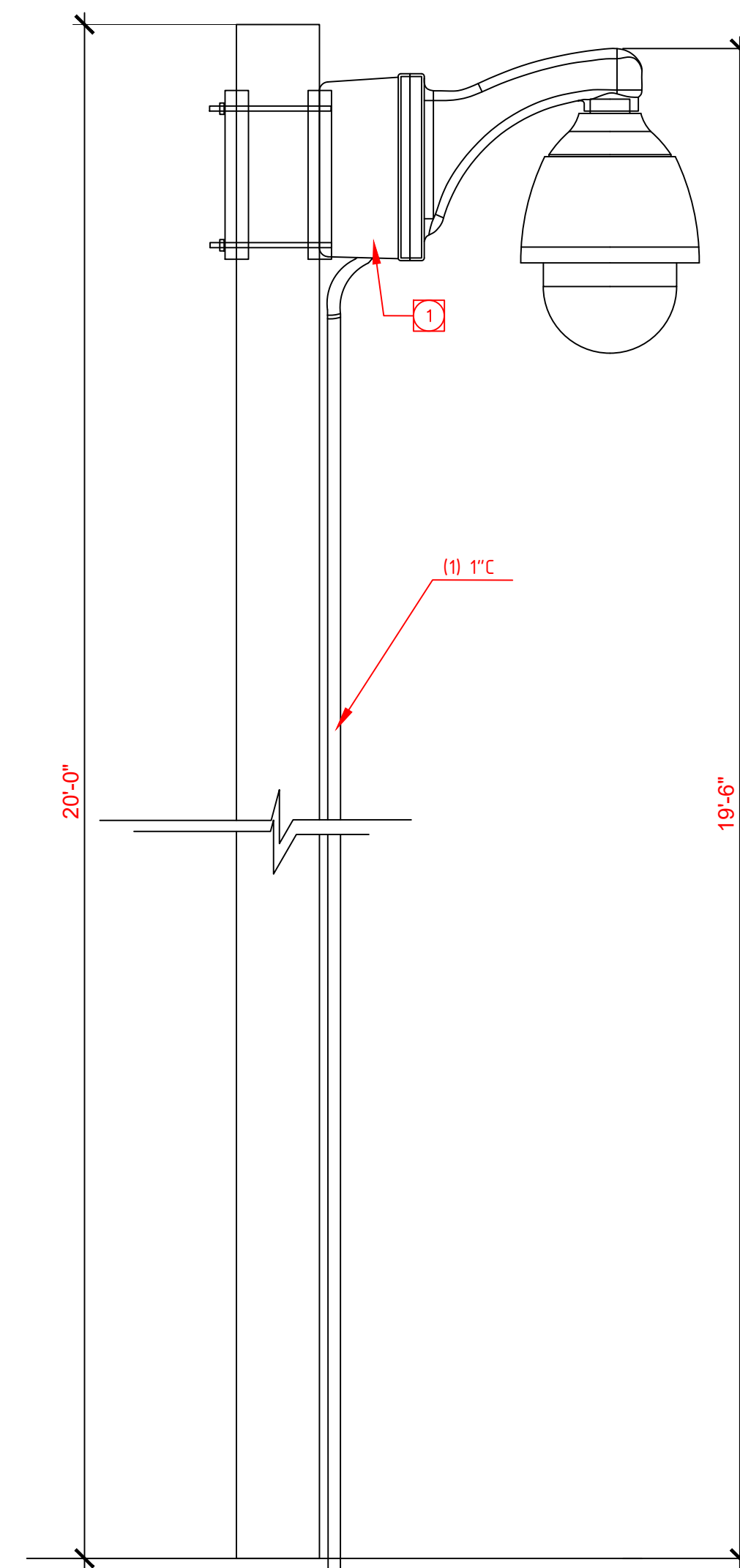
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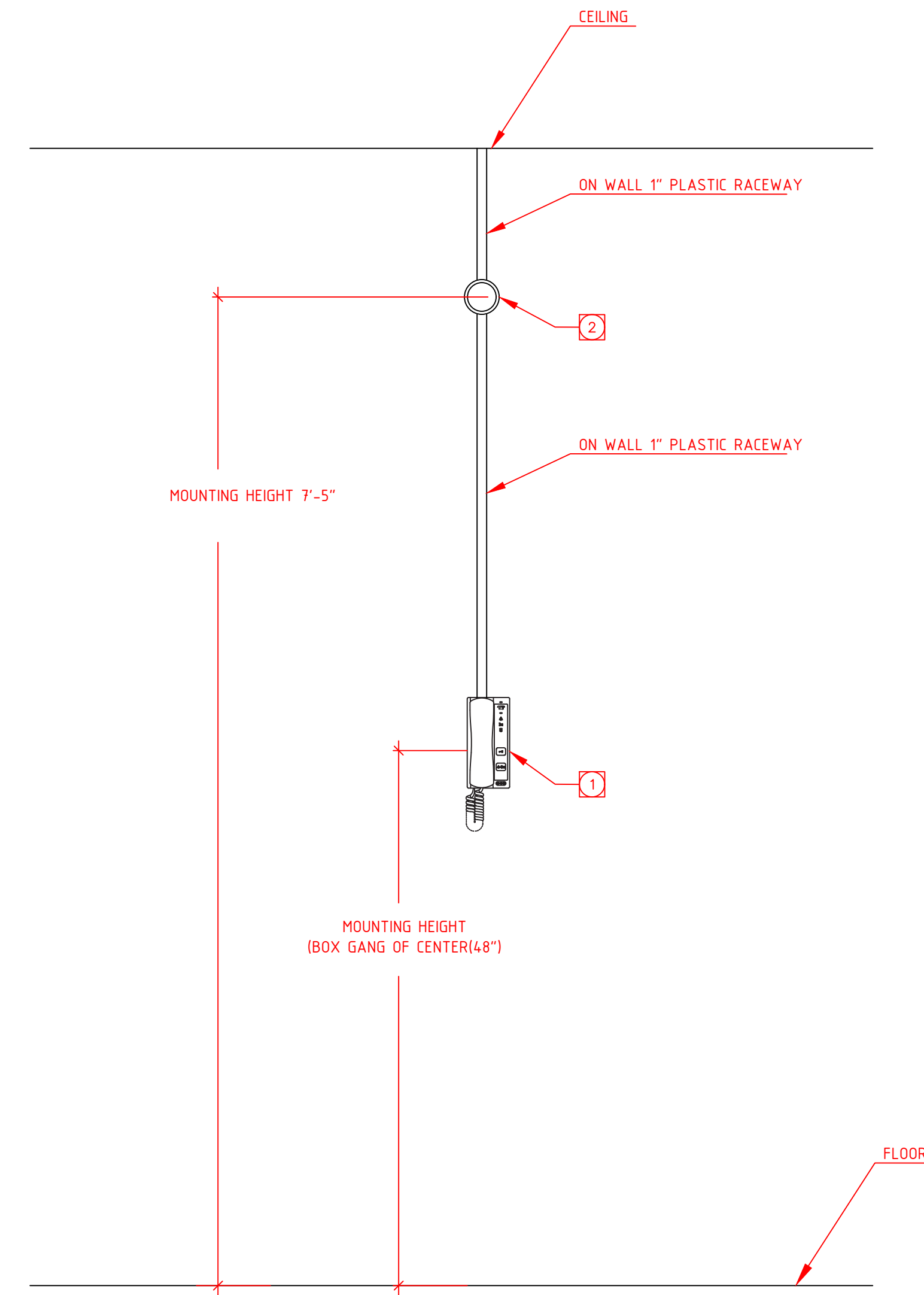




1 POLE CAMERA INSTALLATION DETAIL  
SCALE: NTS

REFERENCE NOTE.

- 1 PROPER GROUND SYSTEM SHALL BE USED FOR CAMERA INSTALLATION TO THE POLE.



2 PANIC SYSTEM MASTER STATION INSTALLATION DETAIL  
SCALE: NTS

## REFERENCE NOTES.

- 1 INTERCOM MASTER STATION- AIPHONE IX-RS-B.
- 2 LED STROBE LIGHT (SECO LARM SL-1301).

**BID SET**

DATE:	NO.	REMARKS:	BF:	DATE:	NO.	REMARKS:	BF:	DATE:	NO.	REMARKS:	BF:
	1				5				7		
	2				6				10		

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## SECURITY UPGRADES

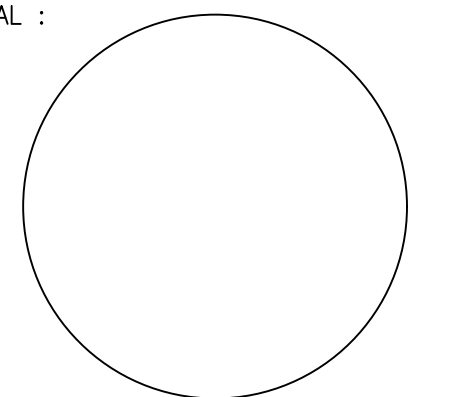
LOCATION :

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ARCHITECT :

JTC PROJECT NO: **37606.0D**

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## DETAIL

SCALE: AS NOTED

SCALE:	AS NOTED
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## SECURITY UPGRADES

LOCATION :

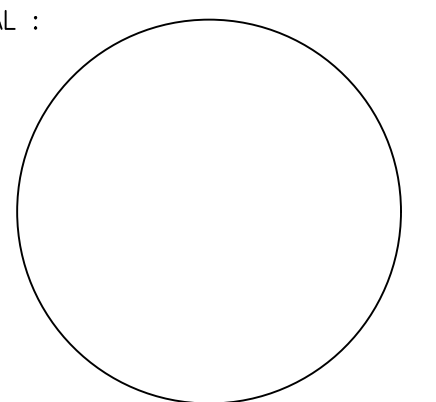
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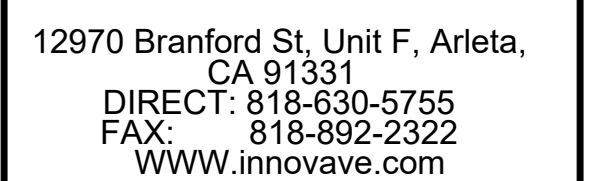


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TITLE:

## RISER DIAGRAMS

SCALE: AS NOTED

SCALE:	AS NOTED
DATE:	<b>02-06-25</b>

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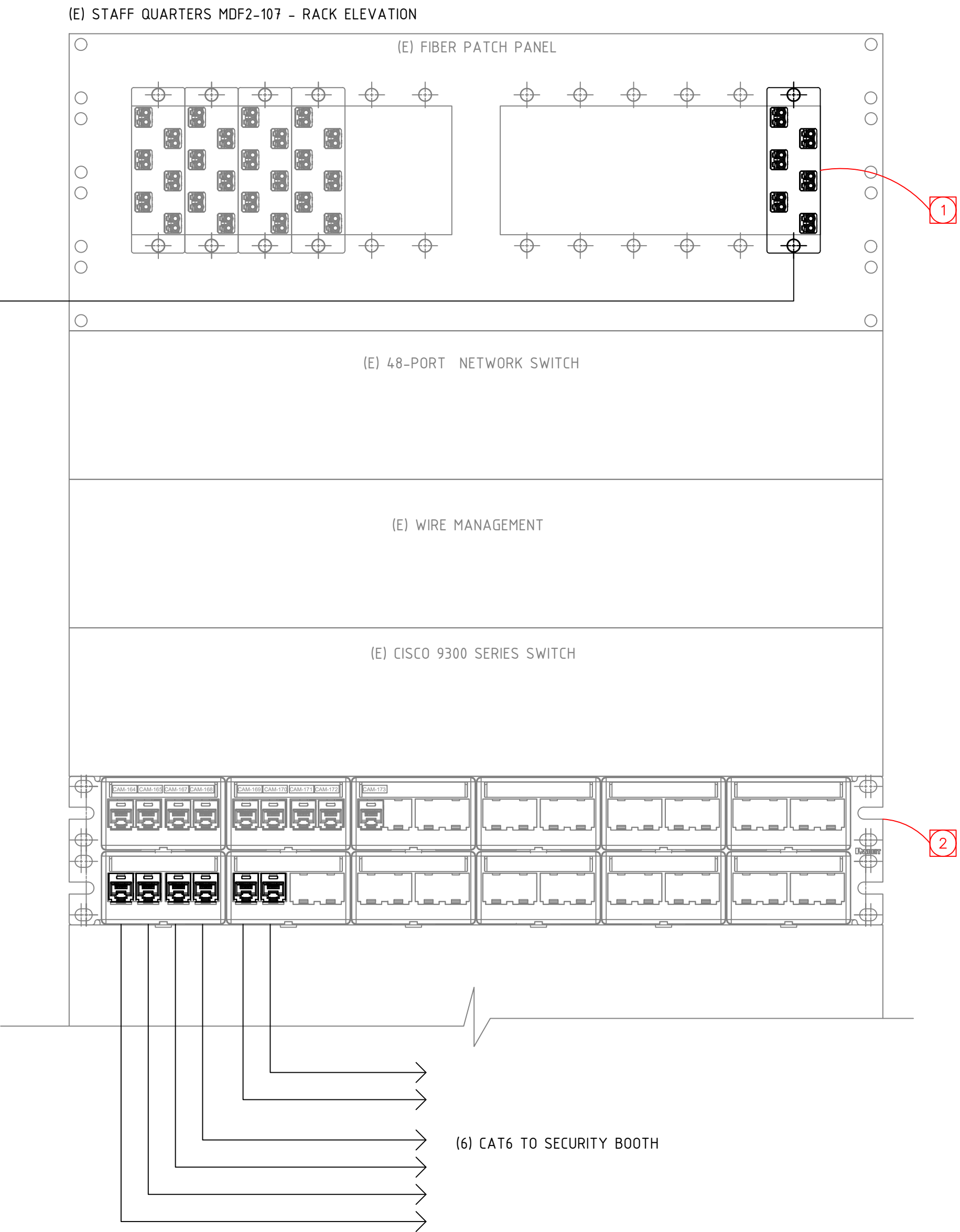
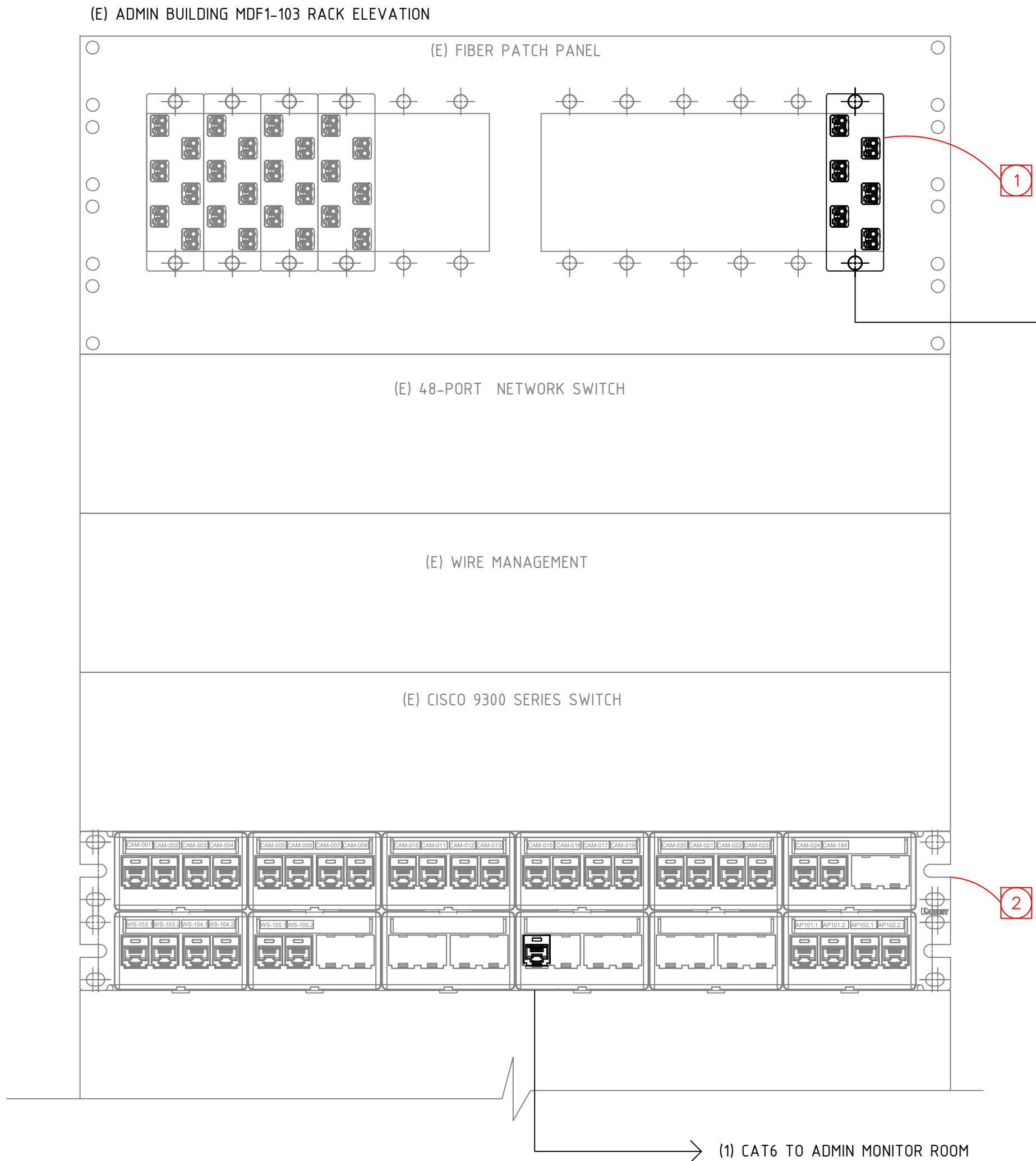
SHEET NUMBER:

SE-06



REFERENCE NOTES.

- 1 USE EXISTING 4U FIBER PATCH PANELS AND PROVIDE NEW LC FIBER ADAPTER PANELS FOR NEW FIBER CABLE.
- 2 USE EXISTING 48-PORT NETWORK PATCH PANEL AND PROVIDE NEW RJ45 JACKS FOR CAT6 CABELS.



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SECURITY UPGRADES

LOCATION :

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TITLE:

MDF1-103 &  
MDF2-107 RACK  
ELEVATIONS

SCALE: AS NOTED

DATE: 02-06-25

DRAWN BY: VL

CHECKED BY: JA

SHEET NUMBER:

SE-07



MANUFACTURED FOR :  
NORM WILSON & SONS  
PERRIS PROJECT SMALL BOOTH  
PERRIS, CALIFORNIA

## GENERAL INFO

## BASIC DESIGN CRITERIA

RISK CATEGORY: II  
FLOOR LOAD: 60 PSF  
ROOF LIVE LOAD: 25 PSF  
ROOF DEAD LOAD: 5 PSF  
GROUND SNOW LOAD: 0 PSF

## FOUNDATION

- A. THE FOUNDATION WORK IS TO BE DESIGNED AND INSTALLED BY OTHERS IN ACCORDANCE WITH LOCAL CODES AND SOIL CONDITIONS.
- B. THE FLOOR SYSTEM IS DESIGNED FOR CONTINUOUS SUPPORT BY A CONCRETE SLAB.

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[illegible]

THE FOLLOWING ITEMS WERE NOT INSTALLED AT THE FACTORY BY B.I.G. ENTERPRISES. THESE ITEMS ARE TO BE DESIGNED AND INSTALLED ON SITE BY OTHERS SUBJECT TO REVIEW AND APPROVAL BY THE LOCAL BUILDING DEPARTMENT:

- 1) FOUNDATION AND ANCHORAGE SYSTEM
- 2) UTILITY CONNECTIONS
- 3) INSTALLATION OF A/C UNIT INTO SLEEVE
- 4) ADA RAMP

## SEISMIC DESIGN DATA

SPECTRAL RESPONSE COEFFICIENTS:  $S_S = 1.46$ ,  $S_I = 0.54$   
 $S_{DS} = 1.17$ ,  $S_{DI} = 0.61$

RISK CATEGORY: II  
SEISMIC DESIGN CATEGORY: D  
BASIC SEISMIC FORCE RESISTING SYSTEM: C.4  
DESIGN BASE SHEAR  $0.33 \times$  SEISMIC WEIGHT OF STRUCTURE  
RESPONSE MODIFICATION FACTOR  $R=3.5$   
ANALYSIS PROCEDURE USED: ALLOWABLE STRESS DESIGN

## APPLICABLE CODES

2022 CALIFORNIA BUILDING CODE  
2022 CALIFORNIA MECHANICAL CODE  
2022 CALIFORNIA ENERGY CODE  
2022 CALIFORNIA GREEN CODE  
2022 CALIFORNIA ELECTRICAL CODE  
2022 CALIFORNIA PLUMBING CODE

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**02-06-25**


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SHEET  
1 OF  
10

JOB No:11409  
BY: JH  
DATE: 02-MAR-23  
SCALE: AS NOTED

NORM WILSON & SONS  
PERRIS PROJECT SMALL BO

**B.I.G. ENTERPRISES, INC.**  
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
PROJECT :

**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

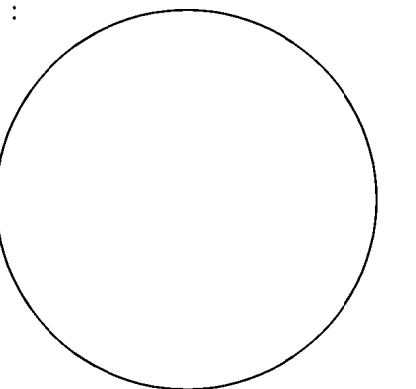
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T: 626-254-8884  
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JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

TITLE:

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SCALE: AS NOTED

DATE: 05-10-2023

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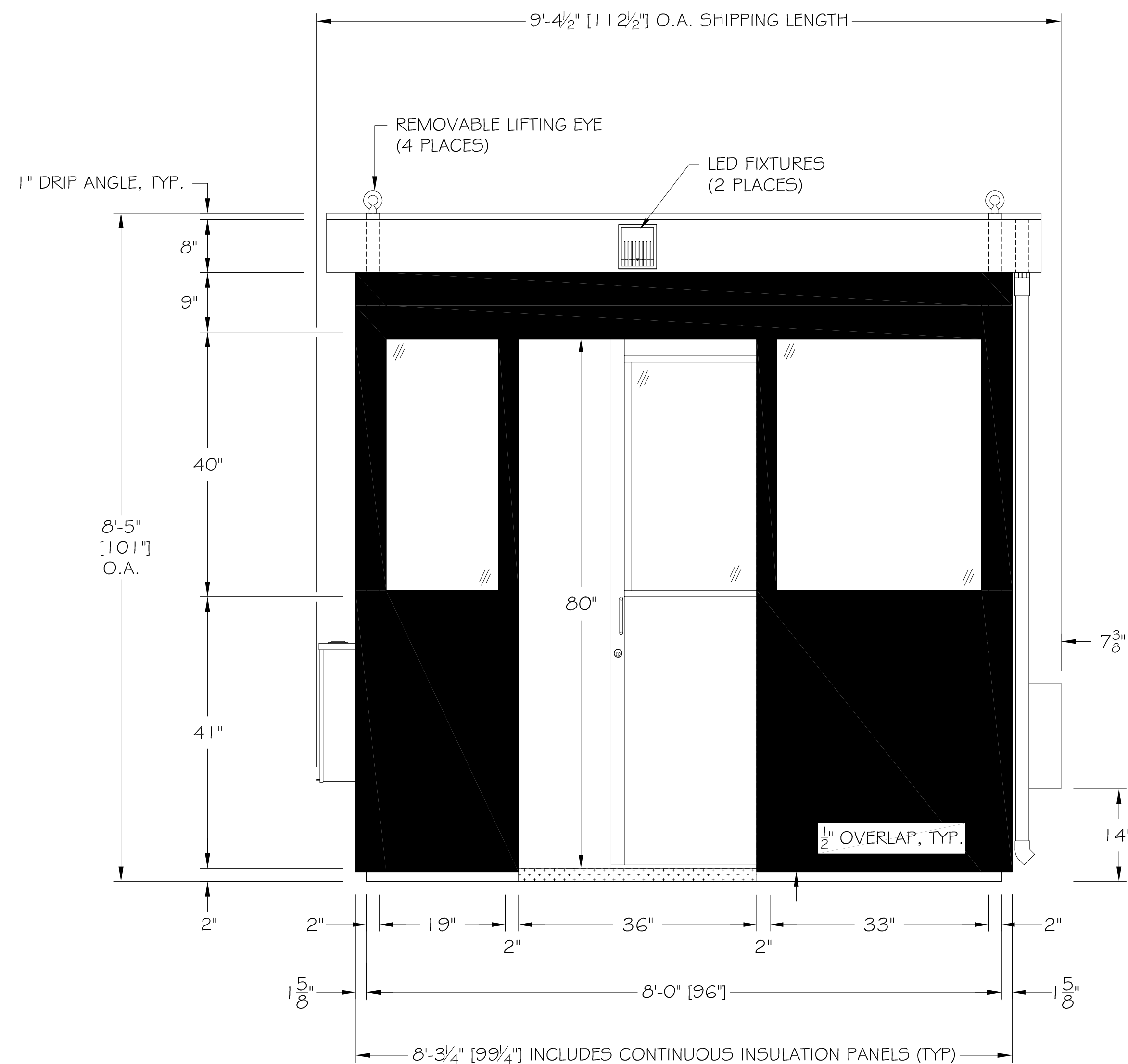
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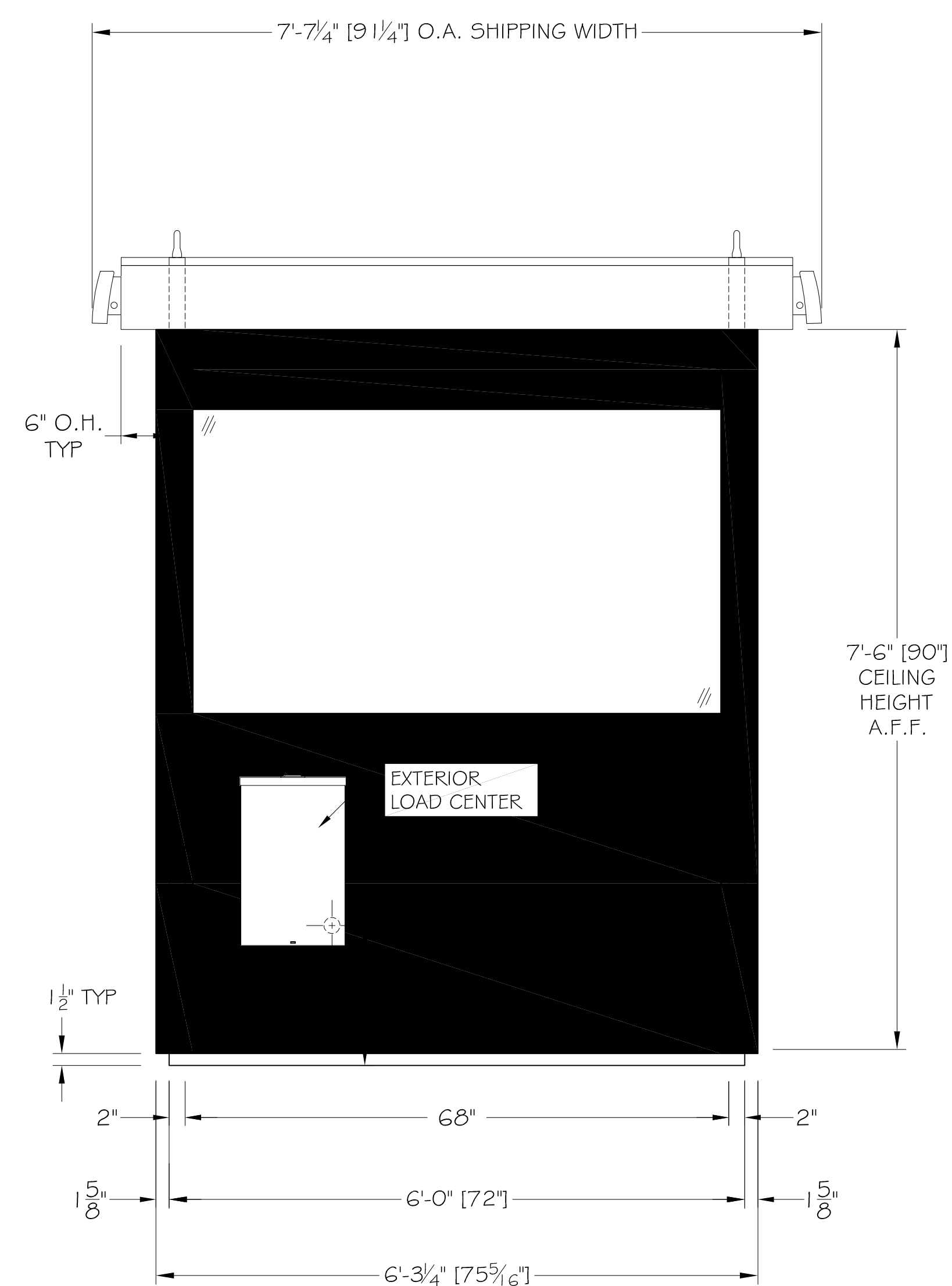
## SEC-1



MODEL: **DS680B**  
DELUXE GUARD BOOTH STYLE



**E1** ELEVATION  
SCALE: 1/2" = 1'-0"




**E2** ELEVATION  
SCALE: 1/2" = 1'-0"

**BID SET**

**02-06-25**

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		<p><b>BY: JH</b></p> <p><b>DATE: 02-MAR-23</b></p> <p><b>SCALE: AS NOTED</b></p>	<p><b>OF</b> 10</p>

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PROJECT :

**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :

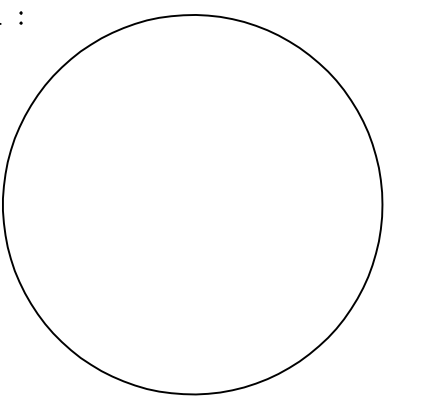
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ARCHITECT :



JTC PROJECT NO: **37606.0D**

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CONSULTANT :

TITLE:

### ELEVATIONS E1 & E2

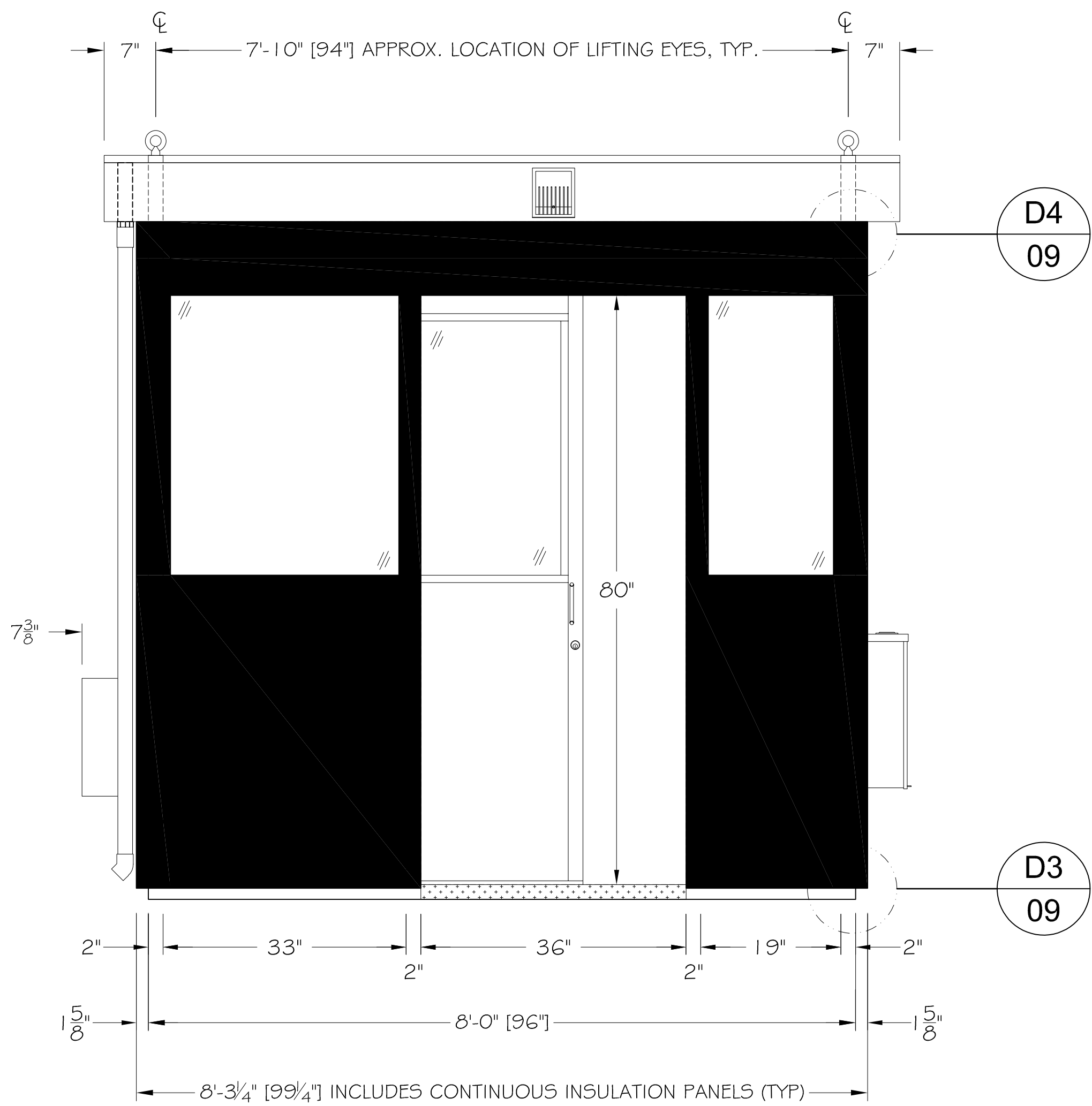
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**SEC-2**

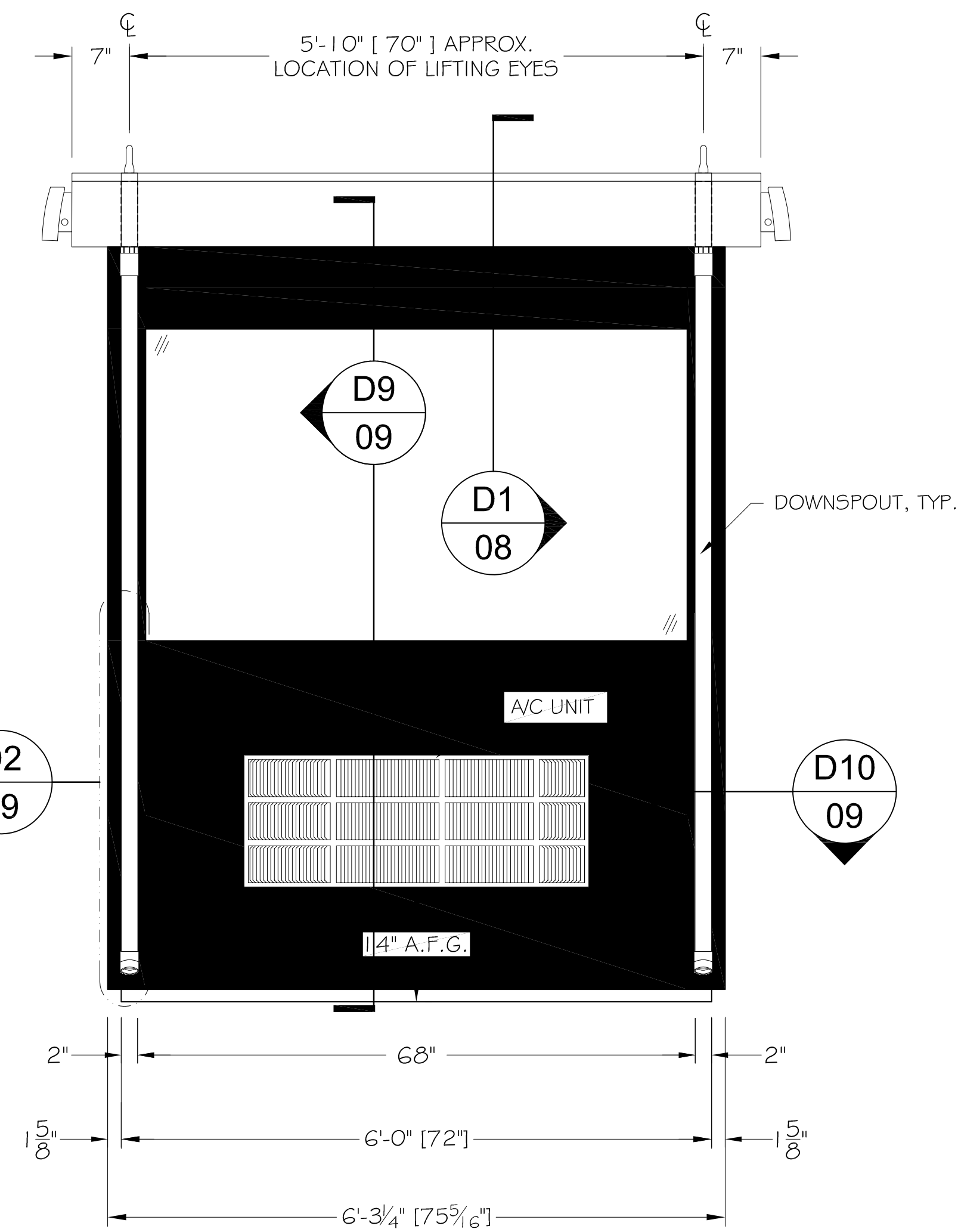
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MODEL: **DS68OB**  
DELUXE GUARD BOOTH STYLE



**E3** ELEVATION  
SCALE: 1/2" = 1'-0"



**E4** ELEVATION  
SCALE: 1/2" = 1'-0"

**BID SET**

**02-06-25**

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(626) 448-1449

NORM WILSON & SONS  
PERRIS PROJECT SMALL BOOTH

JOB No:11409  
BY: JH  
DATE: 02-MAR-23  
SCALE: AS NOTED  
SHEET 3 OF 10

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PROJECT :  
**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :  
**1900 N. SYCAMORE ROAD,  
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E: info@tcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :

CONSULTANT :

TITLE:  
**ELEVATIONS E3 & E4**

SCALE:	AS NOTED
DATE:	05-10-2023
DRAWN BY:	JTC
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SHEET NUMBER:	

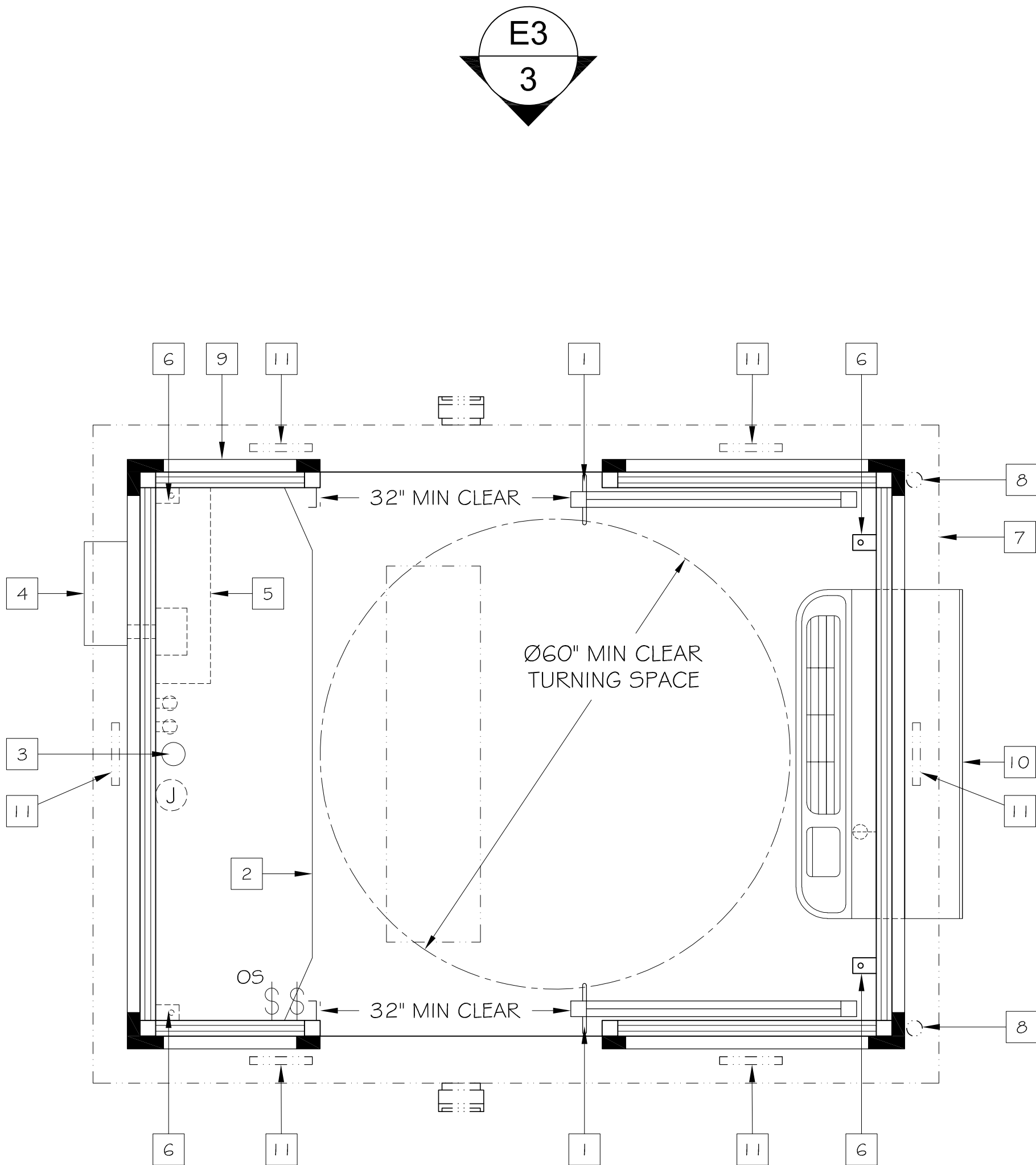
**SEC-3**



MODEL: **DS68OB**  
DELUXE GUARD BOOTH STYLE

FLOOR PLAN LEGEND:

- 1 36" x 80" SLIDING DOORS - GENERAL NOTE D I
- 2 20" GALV STEEL SHELF - GENERAL NOTE A I
- 3 Ø3" CORD ACCESS HOLE
- 4 LOAD CENTER - ELECTRICAL NOTE E I
- 5 ELECTRICAL CABINET - ELECTRICAL NOTE E I
- 6 ANCHOR CLIP (4 PLACES) - GENERAL NOTE S5
- 7 OVERHANG - GENERAL NOTE R I
- 8 DOWNSPOUT (2 PLACES) - GENERAL NOTE R I
- 9 CONTINUOUS INSULATION PANEL - GENERAL NOTE S3
- 10 A/C UNIT - MECHANICAL NOTE M I
- 11 ATTIC VENTS (6 PLACES)



**FLOOR PLAN**  
SCALE: 1/2" = 1'-0"

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NORM WILSON & SONS

PERRIS PROJECT SMALL BOOTH

JOB No:11409

BY: JH

DATE: 02-MAR-23

SCALE: AS NOTED

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OF

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PROJECT :

**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :

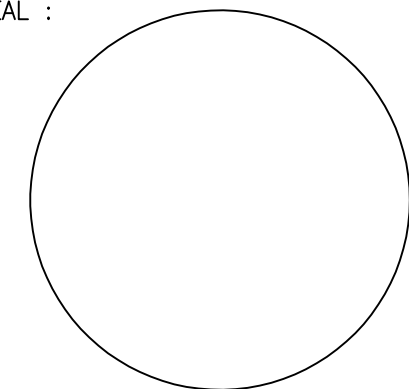
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ARCHITECT :

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JTC PROJECT NO: **37606.00**

SEAL :



CONSULTANT :

TITLE:

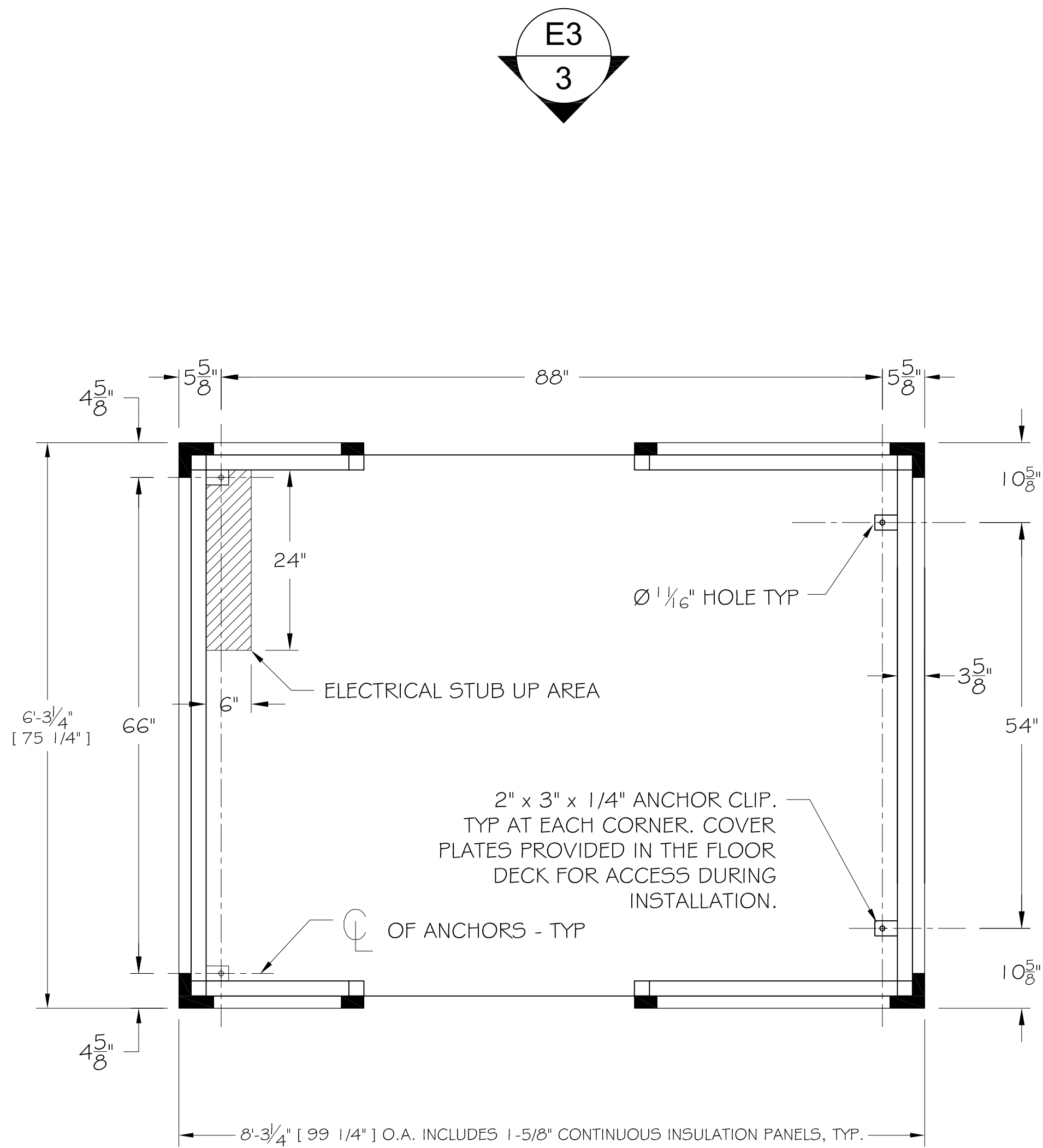
**FLOOR PLAN**

SCALE: AS NOTED  
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**SEC-4**



MODEL: **DS68OB**  
DELUXE GUARD BOOTH STYLE



INDICATES STUB UP AREA

**STUB UP AREA / ANCHOR PLAN**  
SCALE: 1/2" = 1'-0"

**BID SET**

**02-06-25**

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NORM WILSON & SONS

PERRIS PROJECT SMALL BOOTH

JOB No:11409

BY: JH

DATE: 02-MAR-23

SCALE: AS NOTED

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LOS ANGELES COUNTY  
DEPARTMENT OF PUBLIC WORKS  
900 SOUTH FREMONT AVE. 8TH FLOOR  
ALHAMBRA, CA 91803

PROJECT :

**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :

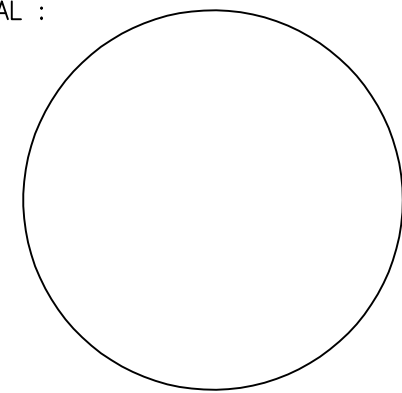
**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

**JTC**  
architects, inc.  
**65 N. 1ST AVENUE, SUITE 201  
ARCADIA, CA 91008**  
T: 626-254-8884  
E: info@tcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

TITLE:

**FLOOR PLAN -  
SHOWING STUB AREA**

SCALE: AS NOTED

DATE: 05-10-2023

DRAWN BY: JTC

CHECKED BY: JTC







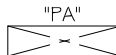

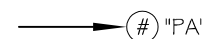
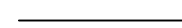

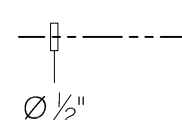
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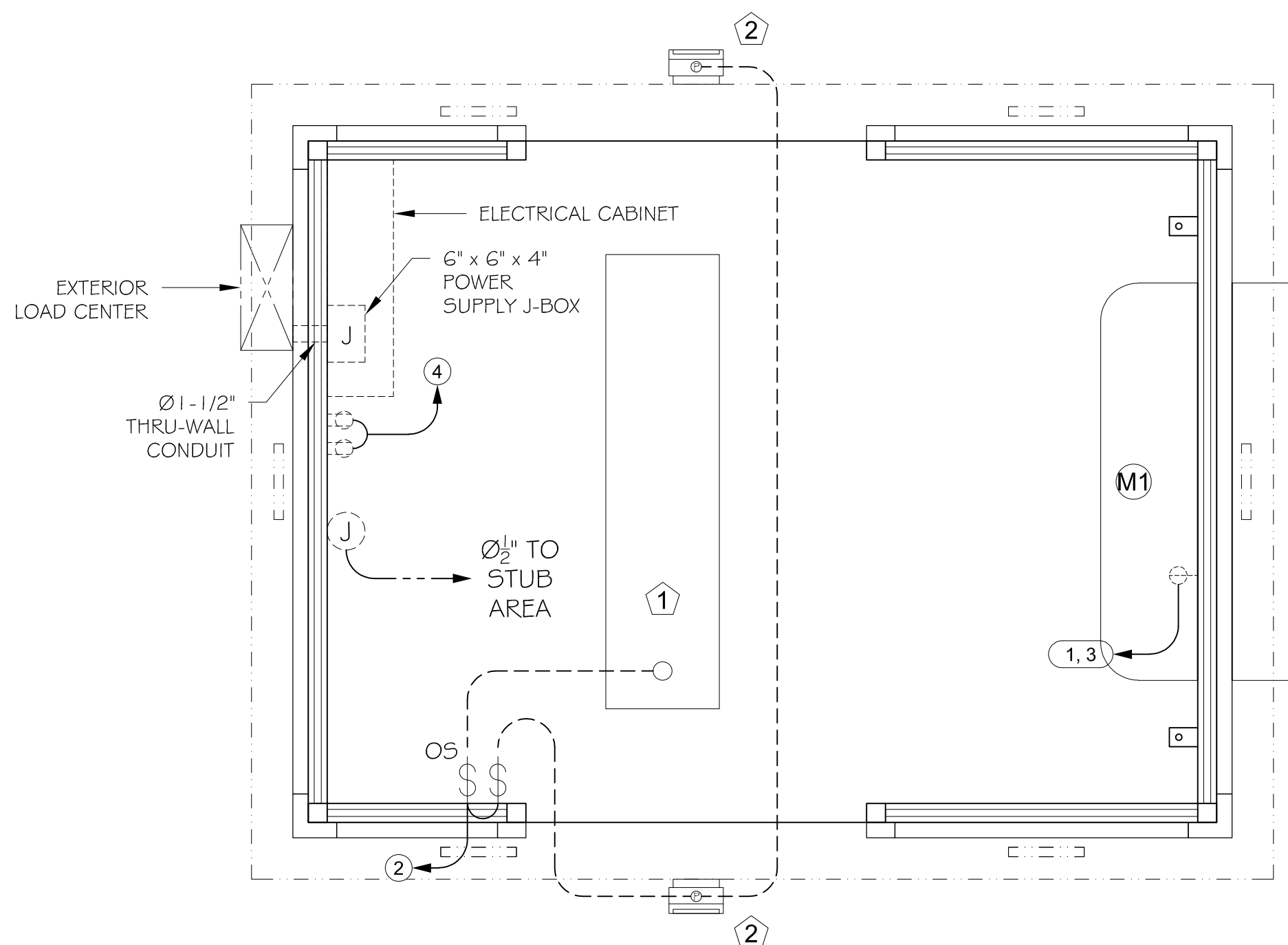
**SEC-5**



ELECTRICAL NOTES:

- MECHANICAL NOTES:

- | ELECTRICAL PLAN LEGEND  |  |
|---|--|
|  | 125V DUPLEX RECEPTACLE   |
|  | 230V DEDICATED AYC RECEPTACLE  |
|  | SINGLE POLE TOGGLE SWITCH  |
|  | OCCUPANCY SENSOR SWITCH<br>(MANUAL ON / AUTO OFF)                            |
|  | SINGLE GANG JUNCTION BOX   |
|  | PHOTOCELL CONTROL  |
|  | LOAD CENTER, w/ PANEL NAME   |
|  | NUMBER DENOTES BOX HEIGHT.<br>ALL TO BE 18" A.F.F. UNLESS<br>OTHERWISE NOTED |
|  | CONDUIT HOMERUN TO PANEL; CIRCUIT<br>NUMBER; LABEL DENOTES PANEL NAME        |
|  | POWER CONDUIT  |
|  | SWITCHED LEG   |
|  | ALL LOW VOLTAGE CONDUITS TO BE MIN.<br>Ø 1/2" UNLESS NOTED OTHERWISE         |



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

MECHANICAL EQUIPMENT SCHEDULE							
ITEM	DESCRIPTION	MANUFACTURER	MODEL NO.	BTU/h		EER RATING	NOTES
				COOL	HEAT		
(M1)	ZONE LINE A/C	GENERAL ELEC.	AZG5H15DAB	14,500	16,300	10.4	HEAT PUMP MODEL

LIGHTING SCHEDULE						
ITEM	DESCRIPTION	MANUFACTURER	MODEL NO.	TYPE	QTY	NOTES
①	1' x 4' LED FIXTURE	MAXLITE	MLFP14G420WC5	20 W	1	OCCUPANCY SENSOR
②	LED WALL PACK	LUMARK	XTOR1B-PC1	12 W	2	PHOTOCELL CONTROL

**02-06-25**

6 OF 10

JOB No:11409


BY: JH

DATE: 02-MAR-23  
SCALE: AS NOTED

NORM WILSON & SONS

PERRIS PROJECT SMALL BOOTH

B.I.G. ENTERPRISES, INC.  
9702 E. RUSH STREET  
SOUTH EL MONTE, CA 91733-1  
(626) 448-1449



DATE:	NO.	REMARKS:	BF:	DATE:	NO.	REMARKS:	BF:	DATE:	NO.	REMARKS:	BF:
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	△				△				△		

LOS ANGELES COUNTY  
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PROJECT :

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SECURITY UPGRADES  
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PCS ID:00002237**

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :



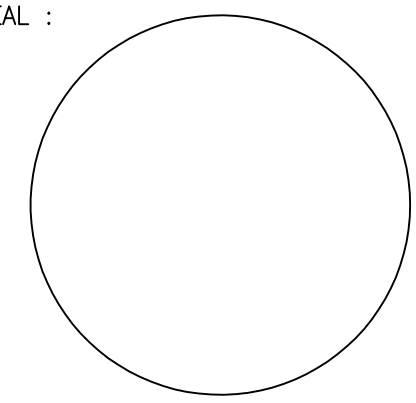
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architects, inc.

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T: 626-254-8884  
E: [info@tjcarc.com](mailto:info@tjcarc.com)

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

TITLE:

## ELECTRICAL NOTES

SCALE: AS NOTED

DATE: 05-10-2023

DRAWN BY: JTC

CHECKED BY: JTC

SHEET NUMBER:

**SEC-6**



SITE WORK:  
FOUNDATION DESIGN AND CONSTRUCTION TO COMPLY WITH THE LOCAL CODES. DESIGN AND CONSTRUCTION OF THE FOUNDATION IS BY OTHERS ON SITE.

NOTE:  
THE FLOOR IS DESIGNED TO BE CONTINUOUSLY SUPPORTED BY A CONCRETE SLAB.



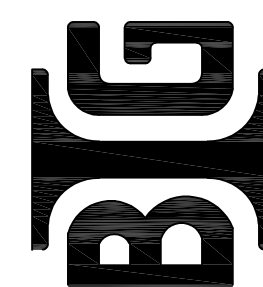
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**BID SET**  
**02-06-25**

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9702 E. RUSH STREET  
SOUTH EL MONTE, CA 91733-1730  
(626) 448-1449



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	1				2				3		
	2				4				5		

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PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :  
**1900 N. SYCAMORE ROAD,  
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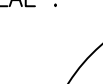
JTC  
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T: 626 254-8884  
E: info@jtcarch.com

JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

TITLE:

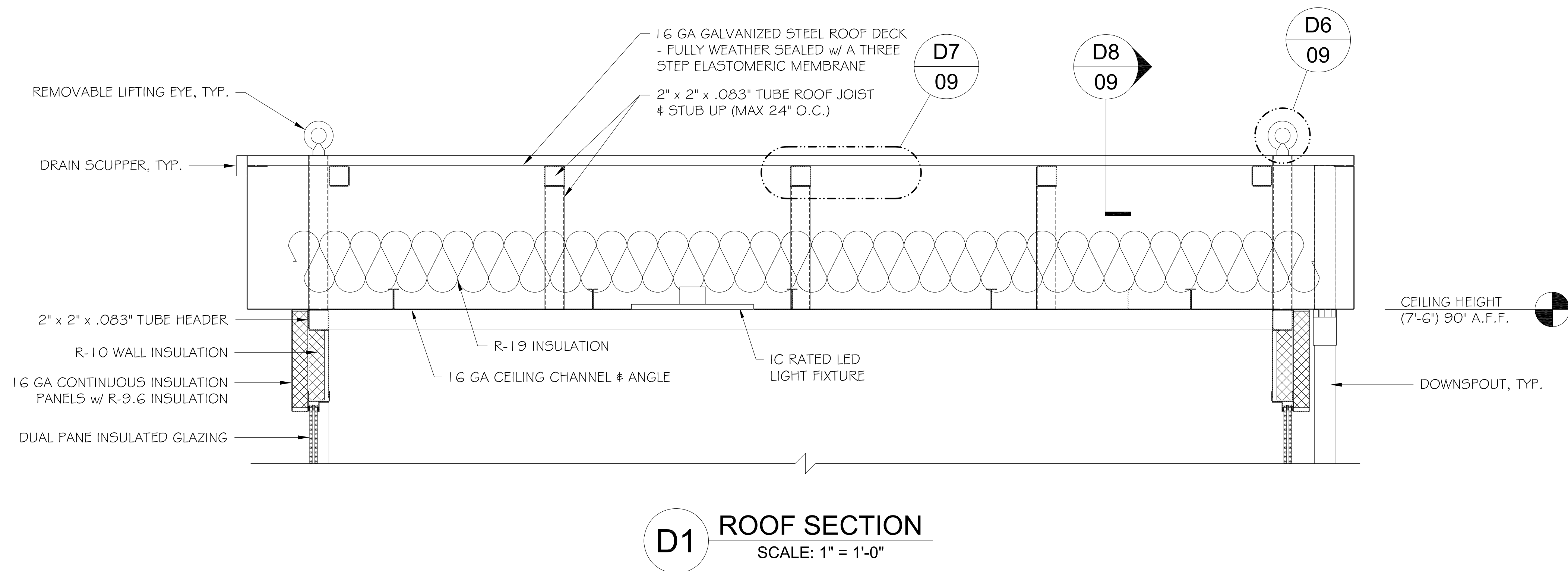
**FLOOR FRAMING PLAN**

SCALE:	AS NOTED
DATE:	05-10-2023
DRAWN BY:	JTC
CHECKED BY:	JTC
SHEET NUMBER:	

## SEC-7



**MODEL: DS680B**  
**DELUXE GUARD BOOTH STYLE**



**02-06-25**

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MANUFACTURER  
SHOP DRAWING

JOB No:11409  
BY: JH  
DATE: 02-MAR-23  
SCALE: AS NOTED  
SHEET 8 OF 10

NORM WILSON & SONS  
PERRIS PROJECT SMALL BOOTH

B.I.G. ENTERPRISES, INC.  
9702 E. RUSH STREET  
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PROJECT :

**CAMP ROCKEY  
SECURITY UPGRADES  
PW15739, PCA: P9700226,  
PCS ID:00002237**

LOCATION :

**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

ARCHITECT :

JTC PROJECT NO: **37606.0D**

SEAL :

CONSULTANT

TITLE:

## ROOF SECTION

SCALE: AS NOTED

DATE: 6-10-24

DRAWN BY:

CHECKED BY:

SHEET NUMBER

## SEC-8





NORM WILSON & SONS  
PERRIS PROJECT SMALL BOOTH

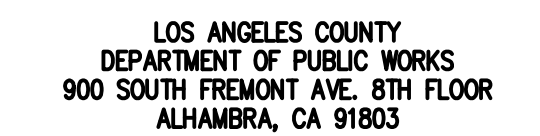


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**02-06-25**



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LOCATION :  
**1900 N. SYCAMORE ROAD,  
SAN DIMAS, CA 91773**

JTC PROJECT NO: **37606.0D**



TITLE:

**FLOOR FRAMING PLAN**

**SEC-9**



MODEL: **DS68OB**  
DELUXE GUARD BOOTH STYLE

GENERAL NOTES:

STRUCTURAL:

- S1. Frame members to consist of 2" x 2" x .083" tube.  
S2. Unit to have half glazed 16 ga galvanized steel interior and exterior walls.  
S3. Walls to have an R-10 insulation value plus an additional layer of continuous R-9.6 insulation for a total of R-19.6.  
S4. Unit to have a 12 ga A653 galvanized steel floor covered with 1/4" thick x 20" square, black commercial polyvinyl chloride interlocking tiles with a 4" high black perimeter cove molding. Floor to be mounted on a 2" tall galvanized steel tube frame.  
A. Floor will require a ramp the full width of one door opening with a slope of 1" to 1'-0" to meet ADA handicap access requirements (ramp by others onsite) or alternatively the booth can be recessed 2" into the slab.

**CAUTION: Please contact your sales representative for additional information when planning on recessing the booth into the slab.**

- S5. Unit to have four interior anchor clips. Four 5/8" Hilti KB-TZ bolts (LARR 25701, ICC-ESR-1917) with 3 1/8" minimum embedment in 2500 psi concrete (or equal) are required for placement of booth. Concrete to be level. If sloped, slope towards drain opening(s) on booth. Concrete, bolts and mounting shall be by others. For a 3-1/8" embedment the foundation/slab design must be a minimum of 5" thick and be sized to allow for a minimum distance of 6-1/2" from the edge of the slab to the center line of the anchors for maximum strength.

ROOF:

- R1. Unit to have an 8" tall fascia, with a 6" overhang and 1" drip angle on all sides, a 16 ga galvanized steel roof designed to drain through two rear mount Ø1-1/2" PVC downspouts.  
R2. Roof to have insulation with an R-19 value.  
R3. Unit to have four 3/4" shank lifting eyes (3/4" dia. shank, eye is 1-1/2" I.D.) mounted on the roof. Lifting eyes are designed for a STRAIGHT VERTICAL LIFT ONLY. Spreader bars must be used when lifting booth to ensure this vertical lift. All warranties will be void if not lifted in this manner.

DOORS & WINDOWS:

- D1. Unit to have two commercial grade steel framed slide doors on the left wall and right walls, 36" x 80" constructed of 16 ga steel panels with steel tube frames. Doors to be top hung, in a steel track, on a minimum of eight 2 1/4" steel ball bearing rollers with stainless steel lower guide, mortise hook type lock and complete weather stripping. **Doors to be keyed alike.**  
  
W1. Unit to have 3/4" Gray tinted tempered dual pane insulating glass with Low-E coating.

ACCESSORIES:

- A1. Unit to have one 20" deep steel shelf, with one Ø3" electric access hole with grommet insert for drop down cords. Shelf to be painted same color as the booth interior and mounted at 34" above finished floor.  
A2. Shelf to be rated for a 250 lb. load.

WEATHERPROOFING & FINISHING:

- F1. Unit to have a 16 ga galvanized steel ceiling mounted at 90" A.F.F. The ceiling is to be painted to match the building interior.  
F2. All exposed steel surfaces except roof deck to be coated with two component high solids polyurethane rust inhibitive primer, and two component high solids polyurethane finish coat.  
F3. **Unit to be painted one color, inside and out.**  
A. **Customer to provide paint color selection prior to manufacturing.**  
F4. Roof to be fully weather sealed with a three step elastomeric membrane as follows:  
A. All seams are sealed with a high bond seam sealing tape.  
B. The entire roof deck is then coated with a liquid applied one-part polyurethane coating forming a tough waterproof, weather-resistant elastomeric coating.  
C. The entire deck surface finished with a white heat reflective polyurethane coating. The coating meets Energy Star reflectance and emissivity performance requirements, has an SRI of 95, and is approved by the Cool Roof Rating Council (CRRC).

**BID SET**

**02-06-25**

**BIG**

B.I.G. ENTERPRISES, INC.  
9702 E. RUSH STREET  
SOUTH EL MONTE, CA 91733-1730  
(626) 448-1449

NORM WILSON & SONS

PERRIS PROJECT SMALL BOOTH

JOB No:11409

BY: JH

DATE: 02-MAR-23

SCALE: AS NOTED

SHEET  
10  
OF  
10

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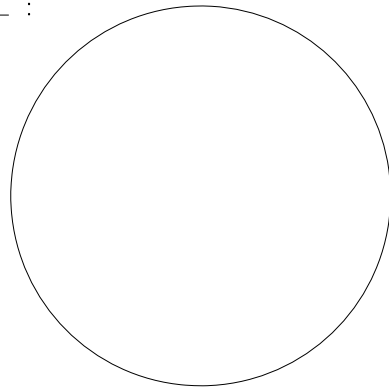
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JTC PROJECT NO: **37606.0D**

SEAL :



CONSULTANT :

TITLE:

**GENERAL NOTES**

SCALE: AS NOTED

DATE: 6-10-24

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**SEC-10**