RASMUSSEN & ASSOCIATES MEETING NOTES

PROJECT: Oxnard College

Fire Tech Apparatus Building

Project

SUBJECT: Kick-off Meeting

LOCATION: Camarillo Airport

Oxnard College Fire Technology

Building.

MEETING DATE: 7/10/2018

TIME: 1:30pm-3:00pm

R & A PROJ. NO.: A181901

PREPARED BY: Loren Evans

DATE PREPARED: 7/17/18 (1 August 2018 update)

ROUTING:

Darlene Inda, Oxnard College

ATTENDEES:

Bob Sube, Oxnard College Darlene Inda, Oxnard College Mike Bush, Oxnard College Terry Cobos, VCCCD District

Rojelio Vasquez, VP Academic Affairs

Tami Crudo, Fire Academy

Gail Warner, OC Assistant Dean/ Public

Safety

Cynthia Azari, Oxnard College President

Jay Lomagno, R&A Loren Evans, R&A

This document contains a record of the events noted and unless questioned or amended in writing within 14 calendar days of date prepared it shall stand as written.

- 1. The Site Plan for the project area was reviewed to confirm the boundary of the project. at 104 Durley Ave. The Project Site is located at 104 Durley Ave, west of the existing Oxnard College Fire Technology Building. The project site is situated on an existing water retention basin which will need to be relocated.
- 2. The project budget is approximately 2.3 million.
- 3. The new building shall be ready to use by November of 2020.
- 4. The building shall be a pre-manufactured Butler Building (or equal) and therefore this project may have multi-prime contracts.
- 5. The project is under the jurisdiction of DSA and Ventura County. The improvements will need to be reviewed by various county agencies such as Flood Control, Camarillo Airport Authority, Ventura County Fire Department to name a few.
- 6. Attendees viewed a scaled model of the site. Mrs. Crudo presented the Academy's ideas for the site as follows: (Also see photos).
 - A. The main building, situated at the northeast corner of the site, shall be at least 80'x150'.
 - B. Doors: The building shall have at least (2) Person Doors, (7) 12'w x 15'h roll-up doors, (2) of which shall be located on the opposite side to allow for two pull-thru bays. Engine bays are 15'-0"wide.
 - C. Access to the site may be from the north east corner, via a new driveway running along the north property line that serves a 75 stall parking lot situated on the west side of the site. (The desired stall count is 100 spaces).

- D. The building shall house:
 - a. (10) vehicle spaces total: (8) engines, (1) standard truck and (2) golf carts. (Largest engine is 31' long.)
 - b. Storage racks for SCBA bottles. (3 banks, 4'x20' ea.)
 - c. SCBA bottle fill compressor area (10'x20') for: (2) compressors,- 220/208v service and (1) 60 gallon pump tank. Compressors are loud, they may need acoustic enclosure, or could be located outside under a shelter. T.B.D.
 - d. Apparatus maintenance supplies (10'x20')
 - e. Equipment Shelving (3 banks, 8'x 16' ea.)
 - f. CPAT (2 at 10'x12' ea.)
 - g. Cadet turnout storage (3 banks, 12'x20'ea.)
 - h. CPAT Box (5'x10')
 - i. Tools/Prop ground maintenance storage (5'x 20')
 - j. Work bench area (10'x20')
 - k. Tools / rollaway area (8'x 20')
 - I. CPAT matt (35'x35')
 - m. Overhead power line drops for engine chargers.
- E. Grinder Area.
- F. Restrooms: Portable or designed as part of the main building.
- G. Bunkers (11 at 8'x16'ea)
- H. Apparatus Arena: 60'x150' total. (This will be future work, provide only asphalt paving as a part of this project)
 - a. Gated
 - b. Outdoor covered patio with durable shade.
 - c. Knot Rack
 - d. 8'x40' & 8'x10' roll-off Conex boxes.
 - e. (2) Gazebos Burn facility. 12'x12'
 - f. Lesson 1 Fire Building with E. J. Harrison trash container for burned debris.
 - g. Drying Rack and storage containers.
- I. Add (2) fire hydrants.
- Add hose-bibs for decontamination area.
- 7. Gas is not needed.
- 8. Solar power service could be included as an additive alternate.
- 9. Sprinklers and fire alarm service will be required.
- 10. Power to the building shall be provided via the main electrical service within the existing Fire Technology Building. Upgrade existing service as required. Trench power to new site.
- 11. Water shall tap-off the existing water service of the existing Fire Technology Building. (Provided there is sufficient capacity T.B.D.) Trench water service to new site.

- 12. Power is needed at the apparatus arena.
- 13. 220/208v power is needed for the washer extractors located outside the building. T.B.D.
- 14. No HVAC requirements, however exhaust fans will be required per the building code.
- 15. Mezzanine space is desirable.
- 16. No data or telephone jacks required, other than for fire alarm.
- 17. Project site will need security, provide fencing as required. Limit the use of chain link. (this shall be bid as an additive alternate)
- 18. Site lighting can be facilitated with exterior floods on the side of the new building.
- 19. Maintain required clearance from existing overhead power lines.
- 20. Relocated signage.
- 21. Skylights are desired.
- 22. Provide standard manufacturers building insulation.

ACTION ITEMS

Item

- 1. R&A to contact Jensen to obtain a civil survey.
- 2. R&A to develop project schedule once survey schedule is obtained.
- 2. R&A to contact Earth Systems for updated soils report once the building location has been approved.

P:\A181901 Oxnard College Fire Academy Warehouse\CORRESP\2018-7-10 MN (programing kick-off).docx

Federal Aviation Administration



June 30, 2020

TO: CC: CC:

Oxnard College COUNTY OF VENTURA Jensen Design & Survey
Attn: Bob Sube 555 AIRPORT WAY Attn: Frederick Giroux
4000 S Rose Ave CAMARILLO, CA 93010-8544 1672 Donlon Rd

Oxnard, CA 93033 todd.mcnamee@ventura.org Ventura, CA 93003 bsube@vcccd.edu rgiroux@jdscivil.com

RE: (See attached Table 1 for referenced case(s))
FINAL DETERMINATION

Table 1 - Letter Referenced Case(s)

ASN	Prior ASN	Location	Latitude (NAD83)	Longitude (NAD83)	AGL (Feet)	AMSL (Feet)
2020- AWP-3055-NRA		CAMARILLO,CA	34-12-28.00N	119-04-24.00W	80	157

Description: Drilling equipment for soil remediation work, preparing ground for new College District building. Drilling rig will be approx 80 feet in height, above existing ground

We do not object with conditions to the construction described in this proposal provided:

You comply with the requirements set forth in FAA Advisory Circular 150/5370-2, "Operational Safety on Airports During Construction."

The proponent is required to coordinate all associated activities with the Airport Manager/Airport Traffic Control Tower (ATCT) 5 business days prior to bringing in construction equipment/crane to the airport.

The ATCT should be given a phone number to reach the crane operator.

The proponent is required to coordinate all associated activities with the Airport Manager/Airport Traffic Control Tower (ATCT) in order to ensure the appropriate local NOTAM's are issued whenever men or equipment are adjacent to the runway or other movement areas.

Any vehicles exceeding Part 77 surfaces and/or operating on movement areas are appropriately marked and lighted in accordance with Advisory Circular 150/5210-5, Painting, Marking and Lighting of Vehicles Used on the Airport.

We request that construction equipment/crane be lowered or removed from worksites at night and during other periods of non-use.

Additional coordination and mitigation may be required if there are any radar effects due to equipment/crane activity.

OXNARD COLLEGE FIRE ACADEMY PHASE II PARKING LOT CAMARILLO AIRPORT, CALIFORNIA

SCOPE OF WORK

THE SCOPE OF THE PROJECT CONSISTS OF GRADING, PAVING, AND UTILITY WORK FOR PARKING LOT AND FUTURE BUILDING PAD. BUILDING SHALL BE CONSTRUCTED UNDER SEPARATE CONTRACT.

APPLICABLE CODES

- 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART I, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 C.C.R.
- 2019 CALIFORNIA ELECTRICAL CODE (CEC)
- 2019 CALIFORNIA MECHANICAL CODE (CMC)
- 2019 CALIFORNIA PLUMBING CODE (CPC)
- PART 5, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24 C.C.R. (2018 IFC AND 2020 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING CODE

- (2018 IBC AND 2020 CALIFORNIA AMENDMENTS)
- PART 3, TITLE 24 C.C.R. (2017 NEC AND 2020 CALIFORNIA AMENDMENTS)
- PART 4, TITLE 24 C.C.R.

INDEX OF DRAWINGS

T TITLE SHEET

- FINISH GRADING IMPROVEMENT PLAN
- **DETAILS**
- **DETAILS**
- PRIVATE SEWER IMPROVEMENT PLAN

ARCHITECTURAL

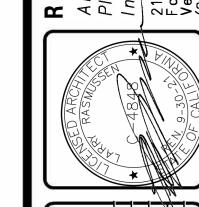
- MASTER SITE PLAN **ENLARGED SITE PLAN**
- **SPECIFICATIONS**

ELECTRICAL

- GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND DRAWING LIST
- OUTDOOR TITLE 24 PAGE I

SPECIFICATIONS

- OUTDOOR TITLE 24 PAGE 2
- SITE POWER, LOW VOLTAGE, ELECTRICAL PLAN EXISTING
- SITE POWER AND LOW VOLTAGE ELECTRICAL PLAN
- SITE LIGHTING ELECTRICAL PLAN NEW WORK
- SITE LIGHTING PHOTOMETRICS
- ELECTRICAL SINGLE LINE AND PANEL SCHEDULE
- **ELECTRICAL DETAILS**
- POLE BASE DETAILS



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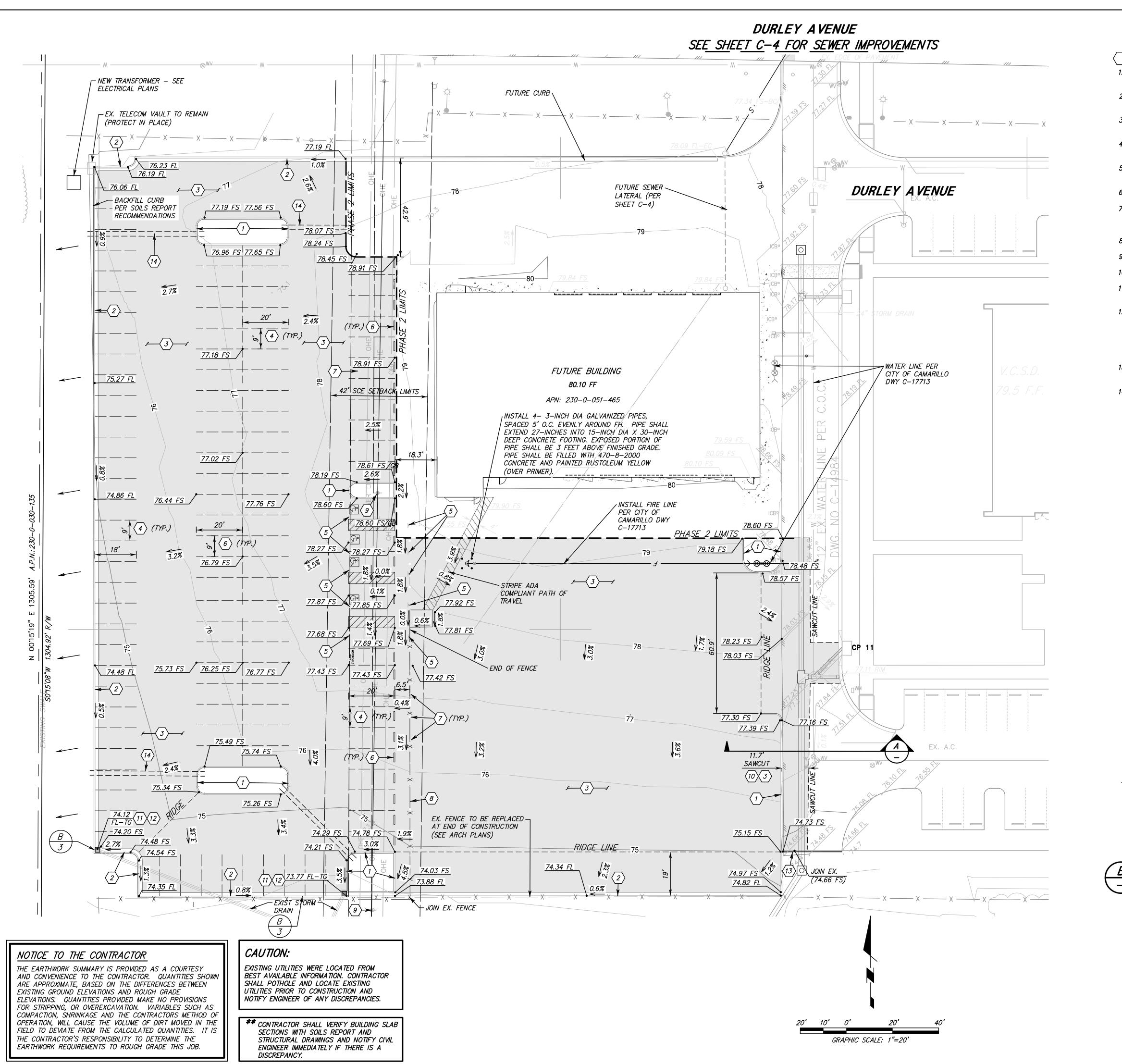
DEFERRED SUBMITTALS

NONE.

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE 2019, CALIFORNIA CODE OF REGULATIONS (CCR).
- PATH OF TRAVEL AS INDICATED IS A BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 42" ● 1:2 MAX SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED I/4" VERTICAL MAX. CROSS SLOPE 27 TYP. AND MAX. SLOPE IN DIRECTION OF TRAVEL IS 5% OR LESS, UNLESS NOTED OTHERWISE. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHEAD OBSTRUCTIONS TO 80" MIN. AND SIDE OBJECTS PROTRUDING GREATER THAN 4" INTO PATH BETWEEN 27" AND 80" A.F.F.
- ALL GRADING SHALL BE DONE UNIFORMLY BETWEEN CONTROL ELEVATIONS AND IN SUCH A WAY THAT THE AREA WILL DRAIN.

W VENTURA BLVD W VENTURA BLVD PLEASANT VALLEY RD - PROJECT LOCATION VICINITY MAP

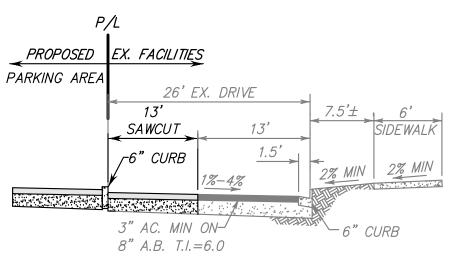


CONSTRUCTION NOTES:

- CONSTRUCT 6" CONCRETE CURB ONLY PER DETAIL "J", TYPE A-1, SHEET
- 2. CONSTRUCT 6" CURB & 18" GUTTER PER DETAIL "J", TYPE A-2, SHEET
- 3. CONSTRUCT 4" A.C. OVER 9" A.B. MIN. PER FINAL GEOTECHNICAL REPORT, BASED ON APPROVED R-VALUES, MIN T.I.=5.5.
- 4. PAINT STANDARD 4" WIDE WHITE PARKING STALL DESIGNATION PER DETAIL L ON SHEET C-2.
- 5. PAINT STANDARD "ACCESSIBLE PARKING" DESIGNATION AND INSTALL ACCESSIBLE SIGNAGE PER DETAIL "L" ON SHEET C-2.
- 6. INSTALL CONCRETE WHEEL STOP PER DETAIL "X" ON SHEET C-3.
- 7. PROVIDE 12" SQUARE BLOCKOUTS WITH NO ASPHALT FOR FENCE POSTS @ 10' OC. CONTRACTOR TO VERIFY FINAL FENCE POST LAYOUT PRIOR TO PLACING BLOCKOUTS AND ASPHALT.
- 8. INSTALL FENCE, TYPE AND STYLE PER LANDSCAPE PLANS.
- 9. EXISTING POWER POLE TO REMAIN (PROTECT IN PLACE).
- 10. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT.
- 11. INSTALL CITY OF CAMARILLO "DON'T DUMP, DRAINS TO CREEK" CURB MARKERS PER CITY STANDARD.
- 12. INSTALL BROOKS PRODUCTS CB 2424 WITH TRAFFIC RATED STEEL GRATE. INSTALL PER MANUFACTURER'S RECOMMENDATION. INSTALL KRISTAR FLOGARD PURE CATCH BASIN INSERT SIZE 24X24 WITH BYPASS CAPACITY OF 3.5 CFS AND TREATMENT OF 1.8 CFS OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. WIDEN GUTTER PER DETAIL B ON
- 13. INSTALL 2X6 REDWOOD HEADER FLUSH @ EDGE OF PAVEMENT. SEE DETAIL "W" ON SHEET C-3.
- 14. INSTALL 4" SCH. 40 PVC IRRIGATION SLEEVE, 24" DEEP

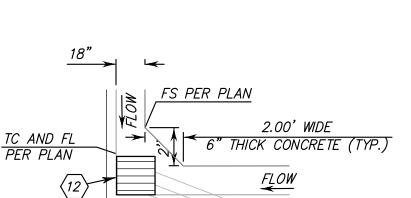
GENERAL NOTES

- ALL FILL AREAS TO BE SCARIFIED AT SURFACE PER SOILS REPORT RECOMMENDATIONS
- OVER-EXCAVATION TO BE 2 FEET OUTSIDE IMPROVEMENTS PER SOILS REPORT RECOMMENDATIONS
- COMPACTION OF SUBGRADE TO MEET SOILS ENGINEER RECOMMENDATIONS SET FORTH IN SOILS REPORT



SECTION

NOT TO SCALE





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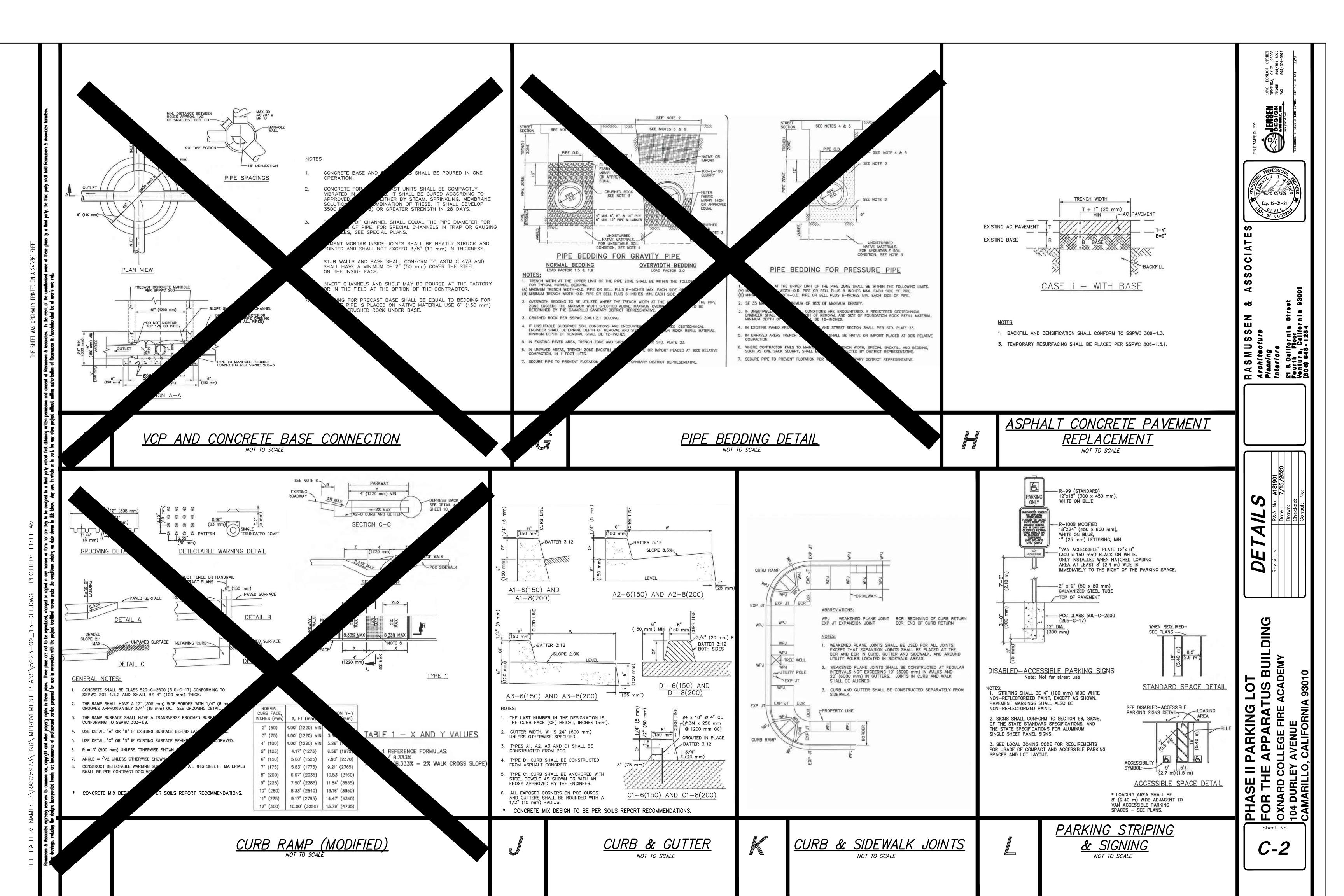
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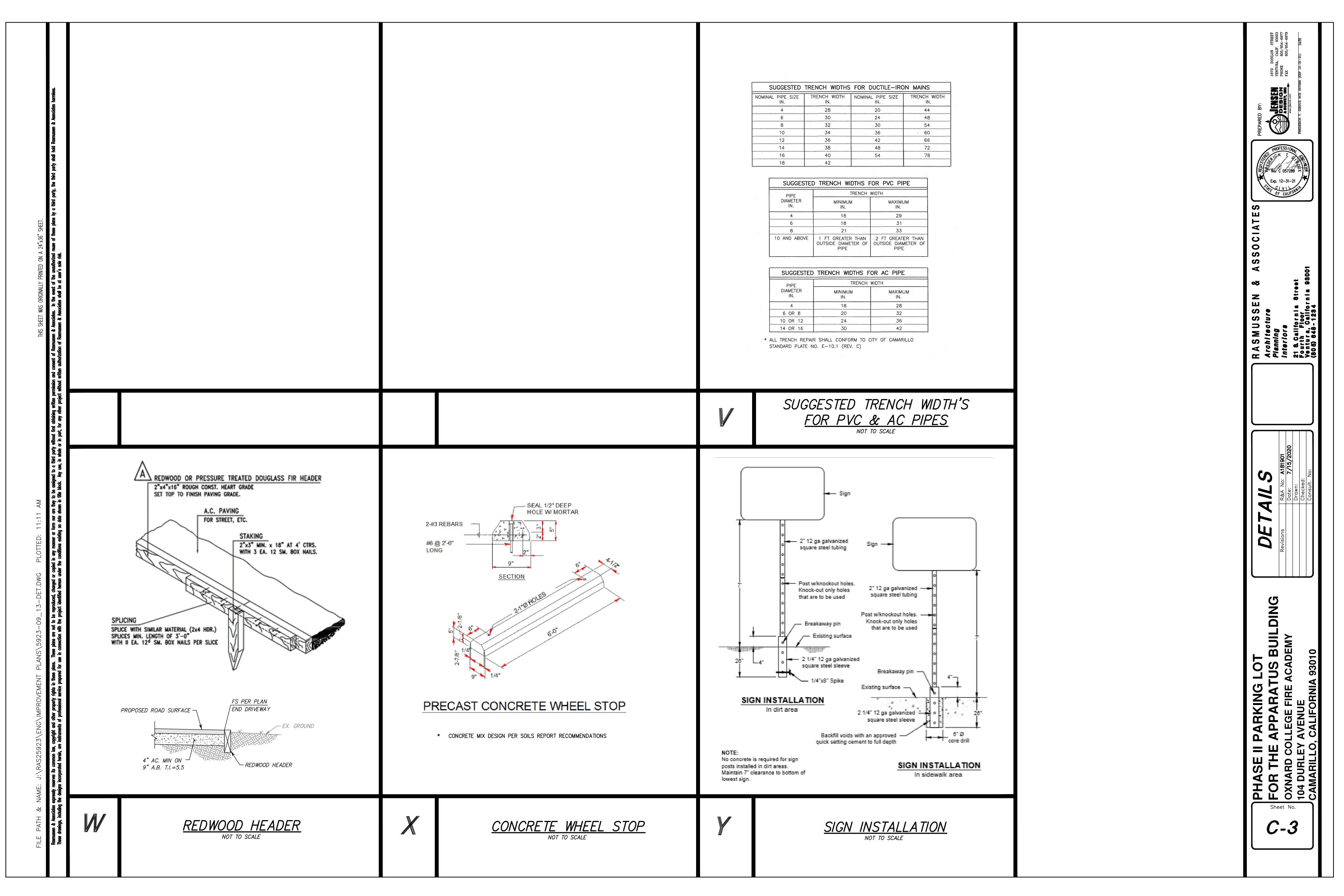
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BUILDING **ACADEMY** APPARAT LLEGE FIRE / PHASE II FOR THE OXNARD CO

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SEWER GENERAL NOTES:

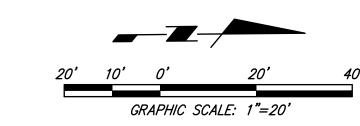
- ALL SEWER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF VENTURA COUNTY WATERWORKS DISTRICT NO. 1.
- ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), LATEST EDITION AND LATEST SUPPLEMENTS AND MODIFICATIONS THERETO BY THE VENTURA COUNTY STANDARD SPECIFICATIONS (VCSS), THE UNIFORM BUILDING CODE, THE UNIFORM PLUMBING CODE AND, THE VENTURA COUNTY SEWERAGE MANUAL.
- CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION MEETING WITH DISTRICT AT LEAST 5 WORKING DAYS PRIOR TO START OF WORK.
- CONTRACTOR SHALL NOTIFY DISTRICT AT (805) 378-3000 AT LEAST 2 WORKING DAYS PRIOR TO START OF CONSTRUCTION, OR PRIOR TO MAKING A TIE-IN TO EXISTING SEWER LINE. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND ELEVATION OF TIE-IN POINTS AND NOTIFY THE DISTRICT OF ANY DIFFERENCE FROM THAT SHOWN ON PLANS.
- CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 8-1-1 TO LOCATE UNDERGROUND UTILITIES AT LEAST 2 WORKING DAYS BEFORE DIGGING. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING IMPROVEMENTS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE THE DISTRICT ONE ELECTRONIC COPY AND AT LEAST 4 HARD COPY SETS OF SUBMITTALS OF ALL MATERIALS TO BE USED, INCLUDING CUT SHEETS AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL NOT COMMENCE WORK UNTIL SUBMITTALS ARE APPROVED BY DISTRICT.
- SEPARATION BETWEEN WATER AND SEWER LINES SHALL BE PER REQUIREMENTS OF STATE WATER RESOURCES CONTROL BOARD.
- SEWER MAINS SHALL BE SOLID WALL PVC SDR 35 PIPE OR APPROVED EQUAL. SIMILAR MATERIALS SHALL BE USED BETWEEN MANHOLES.
- SAMPLING WELLS SHALL BE INSTALLED FOR COMMERCIAL AND INDUSTRIAL WASTE DISCHARGES, AS DIRECTED BY THE DISTRICT.
- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPPWC STANDARD DETAIL 200-3 AND DISTRICT STANDARD PLATE S-1.
- 11. LATERAL CLEAN-OUTS WITHIN DRIVEWAYS SHALL BE BROUGHT TO GRADE AT PROPERTY LINE.
- THE HOMEOWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF BACKWATER VALVES (BWV) AS REQUIRED BY CALIFORNIA PLUMBING CODE (CUPC) 710: A BACKWATER VALVE SHALL BE INSTALLED ONLY FOR PLUMBING FIXTURES WHERE THE OVERFLOW RIM OF THE LOWEST PLUMBING FIXTURE IS LESS THAN ONE FOOT ABOVE THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER.
- 13. LOCATION OF SEWER LATERALS SHALL BE MARKED WITH "S" 3-INCHES HIGH INTO THE STREET CURB FACE AT THE COMPLETION OF WORK. MARKING PROCEDURE SHALL BE AS APPROVED BY THE DISTRICT.
- AIR PRESSURE TESTING SHALL BE PER SUBSECTION 306-1.4.4 OF THE SSPWC, LATEST EDITION. PRESSURE TESTING SHALL BE PERFORMED ONLY AFTER ALL UTILITIES, CURB AND GUTTER ARE INSTALLED, AND BACKFILL IS ACCEPTED. COMPACTION TEST RESULTS SHALL BE SUBMITTED TO THE DISTRICT BEFORE TESTING. CONTRACTOR SHALL BEAR COST OF SOILS
- 15. MANDREL OPERATIONS SHALL BE PER SUBSECTION 306-1.2.12 OF THE SSPWC, LATEST EDITION.
- 16. SEWER LINES SHALL BE CLEANED PER CURRENT ACCEPTABLE STANDARD PRACTICE (BALL AND MANDREL).
- CONTRACTOR SHALL INSPECT THE INSIDE OF SEWER LINES BY VIDEOTAPING, PRIOR TO ACCEPTANCE AND USE. VIDEOTAPING SHALL BE IN ACCORDANCE WITH CURRENT ACCEPTABLE STANDARD PRACTICE. A COPY OF "USB" SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND ACCEPTANCE.
- CONTRACTOR SHALL NEATLY MARK-UP A SET OF PROJECT PLANS TO SHOW ALL CORRECTIONS, CLARIFICATIONS AND CHANGES. RED LINE DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW PRIOR TO ACCEPTANCE OF WORK. THE ENGINEER SHALL PREPARE RECORD DRAWINGS AND SUBMIT HARDCOPIES (BOND PAPER), PDFS, AUTOCAD FILES, AND GIS SHAPE FILES GEOREFERENCED TO THE COUNTY DATUM (NAD 27-CALIFORNIA-V).
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTIES. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- FINAL CONNECTION TO THE EXISTING SEWER SHALL NOT BE MADE UNTIL SITE CONSTRUCTION HAS BEEN COMPLETED. IN THE EVENT CONSTRUCTION IS STILL OCCURRING AND THE NEW SEWER IS CONNECTED TO THE EXISTING SEWER, A SEWER TRAP SHALL BE INSTALLED. THE TRAP SHALL BE CLEANED ON A MONTHLY BASIS AND AN OBSERVATION REPORT SENT TO THE DISTRICT.

CONSTRUCTION NOTES

- CONSTRUCT MANHOLE OVER EXISTING SEWER LINE, AND CONNECT EXISTING PIPES PER SPPWC STANDARD DETAIL 200, IF DEPTH GREATER THAN 7.5' OR DETAIL 201, IF DEPTH LESS THAN 7.5'. MANHOLE COVER TO MEET COUNTY OF VENTURA WATERWORKS STANDARD S-1 REQUIREMENTS. CONTRACTOR SHALL POTHOLE AT POINT OF CONNECTION TO EXISTING AND VERIFY EXISTING PIPE INVERTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, PRIOR TO INSTALLING ANY NEW STRUCTURES OR PIPES.
- INSTALL 6" PVC PRIVATE SEWER LATERAL PER VENTURA WATERWORKS STANDARD DETAIL S-2, BACKFILL PER COUNTY OF VENTURA WATERWORKS STANDARD DETAIL S-3.
- CONSTRUCT SANITARY PVC CLEANOUT PER COUNTY OF VENTURA WATERWORKS STANDARD DETAIL S-5.
- CONSTRUCT MANHOLE PER SPPWC STANDARD DETAIL 201. MANHOLE COVER TO MEET COUNTY OF VENTURA WATERWORKS STANDARD S-1 REQUIREMENTS.

GENERAL NOTES

- EXISTING UTILITIES WERE LOCATED FROM BEST AVAILABLE INFORMATION. CONTRACTOR SHALL POTHOLE AND LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ANY CONCRETE, CURB, GUTTER, ASPHALT, BASE, AND LANDSCAPING REMOVED FOR THE PLACEMENT OF THE SEWER LINE ON DURLEY AVE TO BE REPLACED TO PRE-CONSTRUCTION CONDITION.
- ALL SEWER TO ADHERE TO STANDARDS SET FORTH BY THE COUNTY OF VENTURA WATERWORKS STANDARD SEWER DESIGN MANUAL.
- P.O.C. PER PLUMBING PLANS.



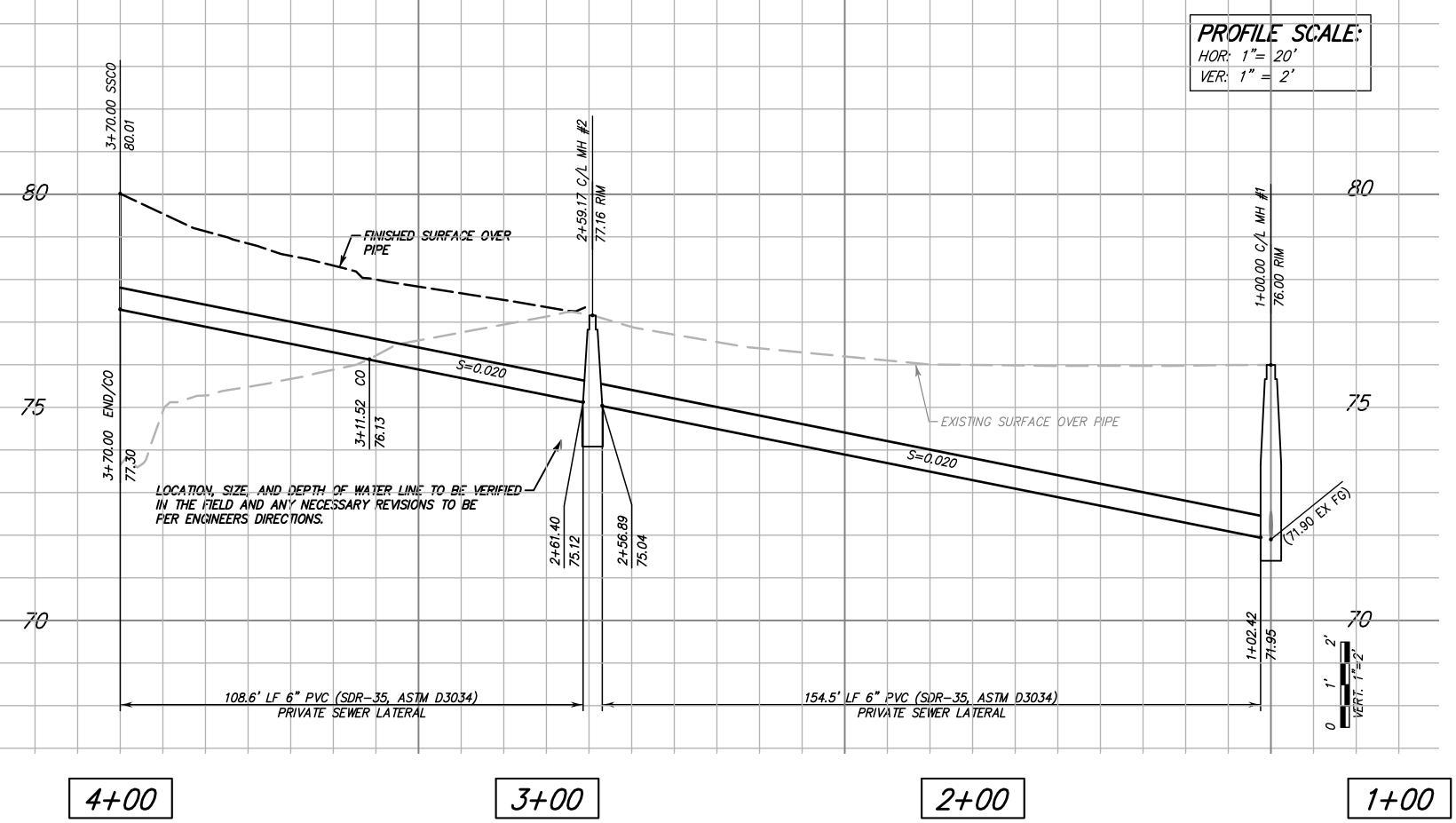
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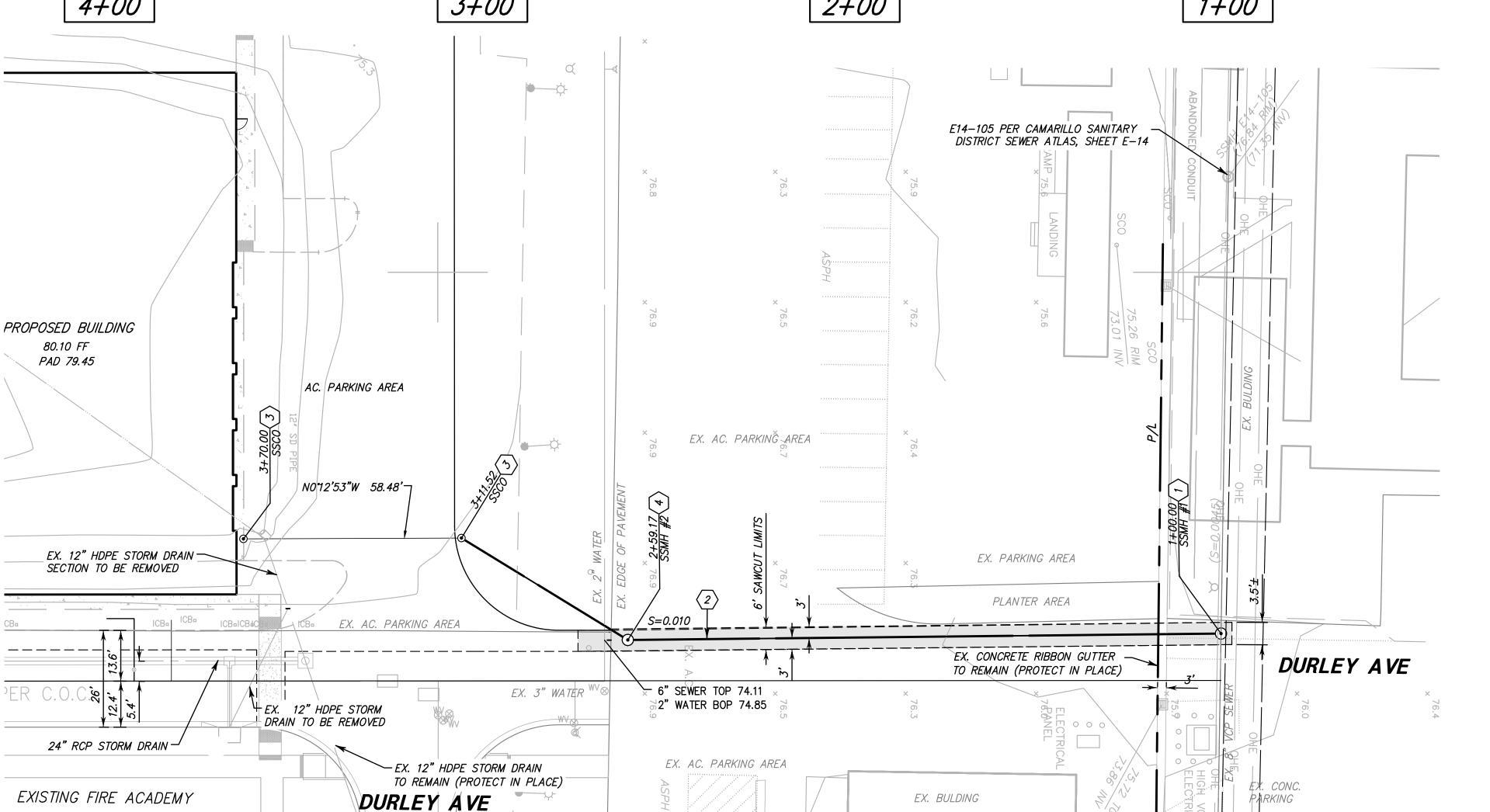
<u>PROPOSED</u>	
	CATCH BASIN
·	CUT/FILL
	EASEMENT LINE
	PROPERTY LINE
——————————————————————————————————————	STORM DRAIN
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	SEWER MANHOLE
	SEWER CLEANOUT
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O	FIRE HYDRANT

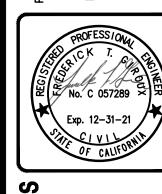
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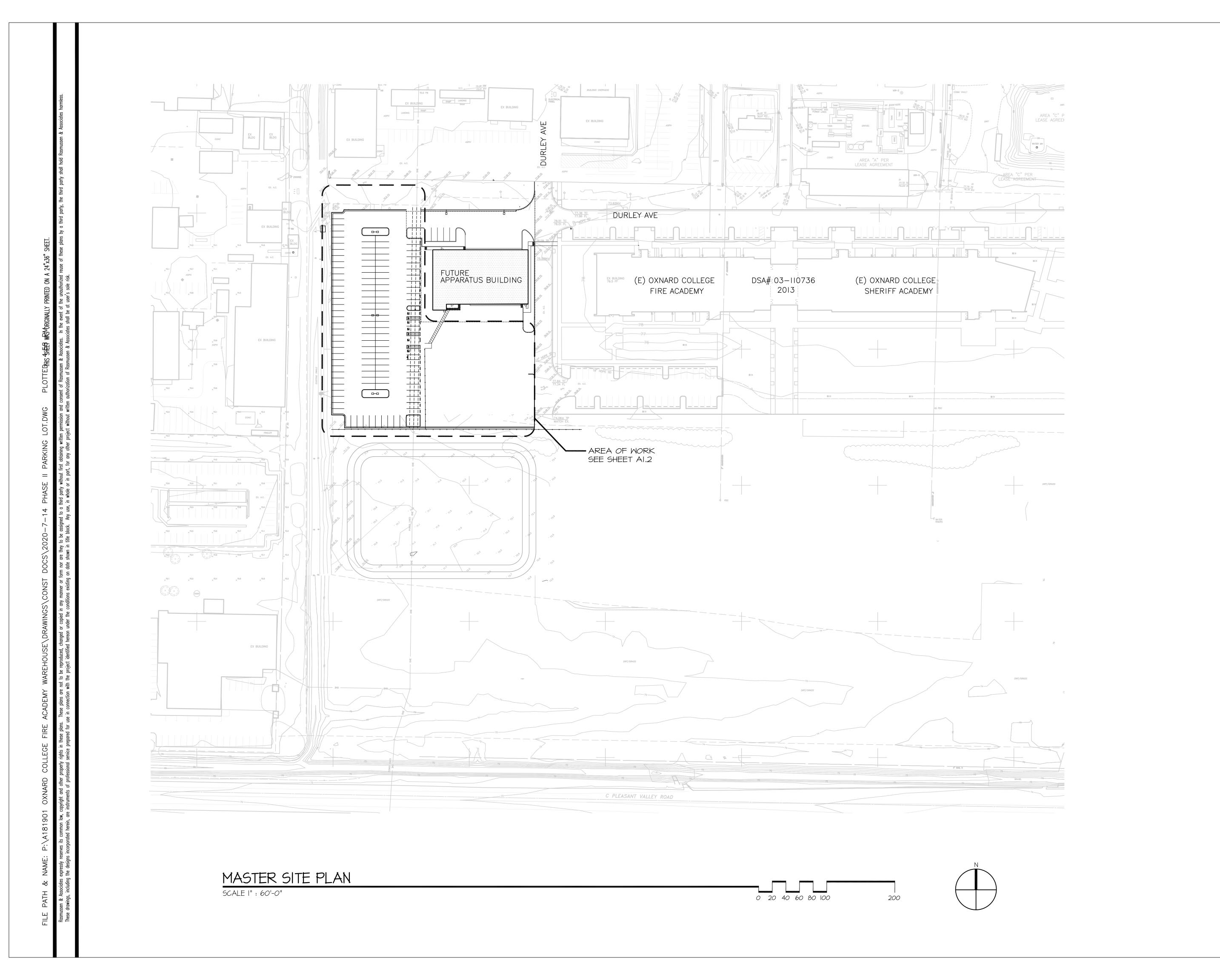


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Sheet No.



ASSOCIATES RASMUSSEN
Architecture
Planning
Interiors
21 S. California Stre
Fourth Floor
Ventura, California MASTER SITE PLA

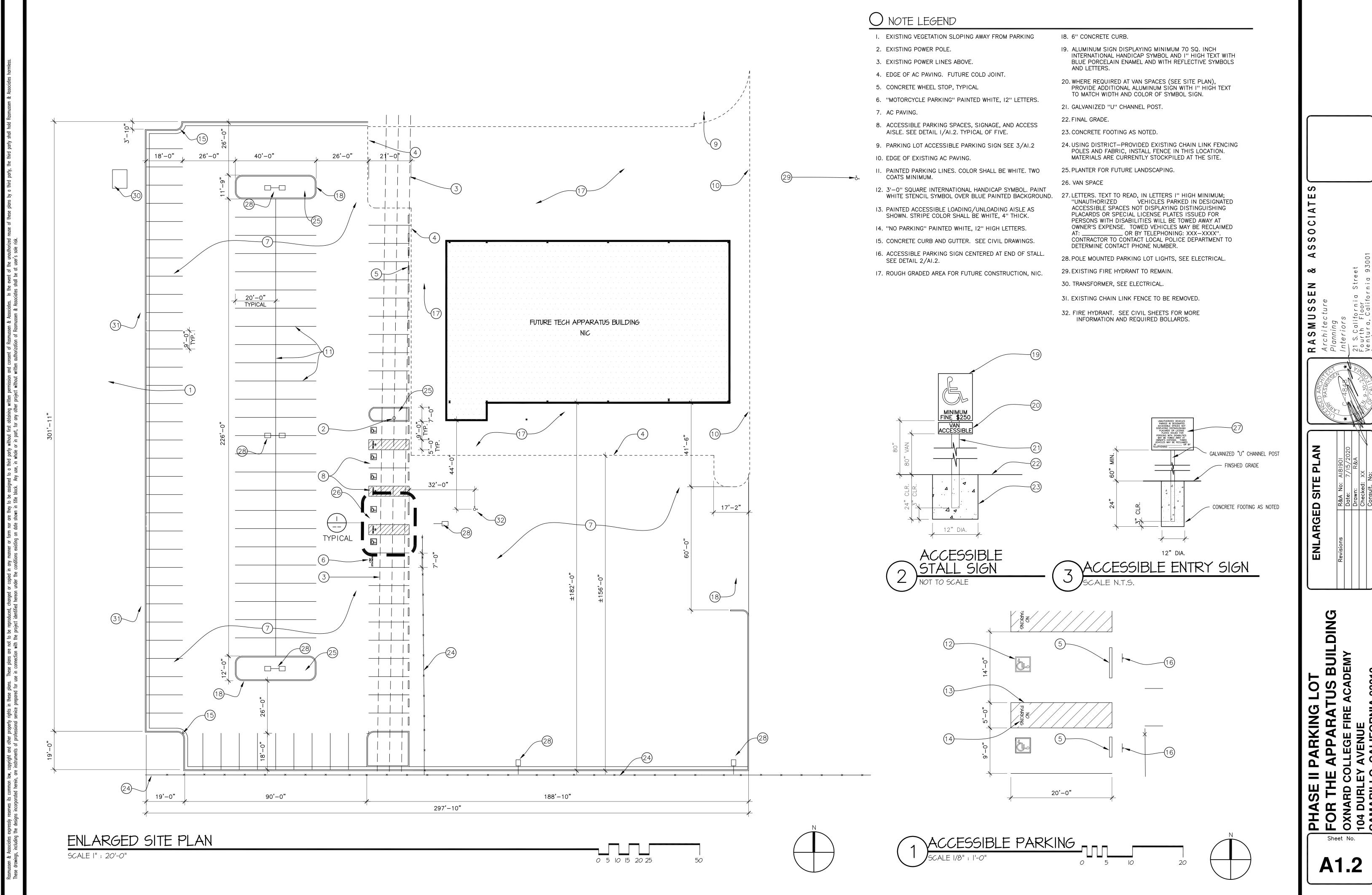
PHASE II PARKING LOT

FOR THE APPARATUS BUILDING

OXNARD COLLEGE FIRE ACADEMY

104 DURLEY AVENUE

CAMARILLO, CALIFORNIA 93010



SITE ENLARGED

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APPARATUS BUILDING

2.1 MATERIALS A. Earthwork: 3.1 PREPARATION from the site. 3.2 INSTALLATION 1.02 SUMMARY

PART 1 GENERAL 1.1 SECTION INCLUDES Gradation curves 2. Specifications 1.4 PRE-CONSTRUCTION MEETINGS PART 2 PRODUCTS Bedding Course: Graded crushed gravel or clean sand. Geotechnical Engineer PART 3 EXECUTION suitable depth. indicated as follows: 1. Structural Fill: Use under foundations, slabs on grade in layers as indicated. D. Removals and Fill Caps. E. Expansive Soils G. Grading Tolerances Outside Building Lines: .. Dispose of waste and unsuitable materials off-site in a legal manner and provide waste and recycle reports to Owner's Representative. PART 1 - GENERAL 1.01 REFERENCES 4. Parking lot signage

A. Excavation, filling, compacting and grading operations both inside and outside building limits as required for below-grade improvements and to achieve grades and elevations indicated. Provide trenching and backfill for mechanical and electrical work, dry utilities (natural gas service) and utilities.

SECTION 02200

EARTHWORK

B. Subbase materials, drainage fill, common fill, and structural fill materials for slabs, pavements, and improvements.

C. Suitable fill from off-site if on-site quantities are insufficient or unacceptable, and legal disposal of excess fill off-site. D. Rock excavation without blasting unless blasting is specifically authorized.

A. Product Data: Supplier's data sheets on each product to be used, including:

B. Test Reports: Submit for approval test reports, list of materials and gradations proposed for use.

A. Convene meeting with VCCCD Inspector minimum two weeks prior to starting work of this section.

1. Subbase Material: Graded gravel, recycled aggregate base or crushed stone.

Borrow Soil: Off-site soil for fill or backfill, supply sample for testing for similarity in soil properties for approval by

4. Drainage Fill: Crushed gravel or crushed stone, or as specified in Geotechnical Report.

5. Common Fill: Mineral soil free from unsuitable materials.

6. Structural Fill: Graded gravel.

7. Impervious Fill: Gravel and sand mixture.

8. Chemically treated soil: See Geotechnical Report for material requirements.

A. Prepare surfaces using the methods recommended by the geotechnical engineer in the Geotechnical Report for achieving the best result for the substrate under the project conditions.

B. All vegetation, trash debris, or other deleterious material should be stripped from the area to be graded and wasted

A. Maintain stability of excavations; coordinate shoring and bracing as required by authorities having jurisdiction. Prevent surface and subsurface water from accumulating in excavations. Stockpile satisfactory materials for reuse, allow for proper drainage and do not stockpile materials within drip line of trees to remain. B. Compact materials at the optimum moisture content as determined by ASTM D 1557 by aeration or wetting to the

following percentages of maximum dry density: 1. Structure, Pavement, Walkways: Subgrade and each fill layer to 95 percent of maximum dry density to

2. Unpaved Areas: Top 6 inches of subgrade and each fill layer to 90 percent maximum dry density.

C. Place acceptable materials in layers not more than 8 inches loose depth for materials compacted by heavy equipment and not more than 4 inches loose depth for materials compacted by hand equipment to subgrades

2. Drainage Fill: Use under designated building slabs, at foundation drainage and elsewhere as indicated. 3. Common Fill: Use under unpaved areas.

4. Subbase Material: Use under pavement, walks, steps, piping and conduit.

1. See Geotechnical Report. Remove and recompact soils to a depth of 3 feet below proposed footings elevations and to a distance of 5 feet beyond the outer perimeter of the footing line. Additional excavation and recompaction may be warranted to improve locally disturbed soils.

1. Pre-saturation of the supporting subgrade soils is required for conventional foundations. See Geotechnical Report for required pre-saturation depths.

1. Backfill for utility trench excavations shall be compacted to the appropriate relative compaction. Where installed in sloping areas, the backfill should be properly keyed and benched.

1. Lawns, unpaved areas, and walks, as noted on the Grading Plans.

2. Pavements, as noted on the Grading Plans.

H. Grading Tolerance for Fill Under Building Slabs: as noted on the Grading Plans. I. Protect newly graded areas from traffic and erosion. Recompact and regrade settled, disturbed and damaged areas as necessary to restore quality, appearance, and condition of work.

J. Control erosion to prevent runoff into sewers or damage to sloped or surfaced areas. K. Control dust to prevent hazards to adjacent properties and vehicles. Immediately repair or remedy damage caused by dust including air filters in equipment and vehicles. Clean soiled surfaces

SECTION 02580 PARKING ACCESSORIES - PAVEMENT MARKING AND SIGNS

A. Standard Plans and Specifications for Public Works Construction, Latest Edition.

B. Grading Plan Cover Sheet General Notes

C. California Code of Regulations (CCR) Title 24, Part 2, 1127B.5

A. Principal Work Items Are:

1. Painted lines, lettering, and symbols at parking areas.

2. Painted stripes at exterior stairs, to conform to Accessibility Requirements.

Curb marking and red curbs.

1.03 CONTRACTOR SUBMITTALS

A. Submittals shall be made in accordance with General Requirements, and the Standard Specifications for Public Works Construction ("Green Book").

PART 2 - PRODUCTS

2.01 CONSTRUCTION MATERIALS

Materials shall be in conformance with the County of Ventura Standard Construction Details, Latest Edition. 2.02 PARKING/INFORMATION SIGNAGE

A. Signs to be aluminum by Hawkings Traffic Safety Supply or Western Highway Products.

2.03 CONCRETE FOOTING MATERIALS

A. Cement, CBC Standard 19-1, Type II, low alkali.

B. Fine and coarse aggregated: ASTM C-33 including Appendix A1. 1. 1-inch maximum size coarse aggregate.

2. Pea gravel aggregate in not allowed.

C. Water to be clean, potable and not detrimental to concrete.

PART 3 - EXECUTION

3.01 PREPARATION:

A. Layout: Accurately measure and layout work. Use stencils for all work; snap lines for straight work.

B. Prior to application of paint, allow the pavement to properly cure. Clean and prepare in accordance with paint manufacturer's written recommendations.

C. Provide mechanical equipment to install paint in a uniform, straight or curved pattern, without holidays and other defects.

D. Do not permit traffic until paint has completely cured.

E. Install 2 coats in thickness recommended by manufacturer.

3.02 APPLICATION:

A. Painted Lines, Lettering, and Symbols At Parking Areas:

1. Parking Stall Lines: 4 inches wide, color white.

2. Handicapped Stall, Stripes and Letters: As indicated.

3. Color: White, for all work except blue at Handicapped parking stalls and red to indicate "No

4. Painted lines and markings on pavement at accessible parking stalls shall be 4 inches wide (blue in color) equal of Color No. 15090 per Federal Standard 595B.

5. Parking spaces for persons with disabilities shall be marked according to CBC Section 1129B.5.

6. Tactile warning lines shall be in conformance to CBC Section 1133B.8.3 and 1133B.8.4.

7. Traffic Directional Arrows: Paint directional traffic flow arrows in all aisles, and at parking lot entrances and exits.

3.03 SIGNAGE

A. Signs to be mounted on galvanized 2" steel tube posts with attachment hardware provided by sign

B. Post to be embedded in 12" diameter concrete footing, 24" deep. Provide 3" of concrete coverage at bottom of pole. Pole to be set plumb.

> SECTION 02741 ASPHALT CONCRETE PAVEMENT

PART 1 - GENERAL

1.1 DESCRIPTION

A. Work to be performed under this Section shall consist of all labor, materials, tools, equipment, transportation, and incidentals necessary to furnish and install, complete in place, asphalt concrete pavement improvements including backfill, saw cutting, asphalt concrete, and tack coat.

B. Asphalt concrete pavement shall be performed in accordance with the Plans, District Standards, the SSPWC Section 302-5, "Asphalt Concrete Pavement", and these specifications. Follow the encroachment permit requirements where applicable.

1.2 SHOP DRAWINGS AND SAMPLES

A. The following shall be submitted

Certificates

a. Twenty days prior to the delivery of aggregates, asphalt materials, and paving mixes to the project site, the Contractor shall submit to the Engineer certificates and test results of compliance of such materials with these Specifications

b. Where laboratory testing is specified herein, the Contractor shall employ an independent testing laboratory to conduct such tests and submit certificates of the test results.

B. The Contractor shall formulate a job-mix formula conforming to County of Ventura Standards and requirements of the encroachment permit.

PART 2 - PRODUCTS

2.1 ASPHALT CONCRETE MIX DESIGN

A. Asphalt concrete to be installed in areas where it was previously removed to facilitate the Work, will be PG 64-10 per SSPWC Section 203-1 or as required by the Encroachment Permit. Replacement thickness will be existing plus one inch. T- section replacement may be required.

B. Materials and installation of pavement within the County right-of-way shall comply with Ventura County Standard Specifications and Details and Caltrans Specifications. This includes all T-sections, structural sections, fog seals, slurry seals, seal coats, etc.

2.2 ASPHALT CONCRETE PAVEMENT

A. Asphalt concrete pavement shall be placed and compacted in accordance with SSPWC Section 302-5 Asphalt Concrete Pavement.

2.3 TACK COAT

A. Where asphalt concrete is placed directly on or against an existing hard surface, an asphalt tack coat of PG 64-10 shall be applied to the existing surfaces preceding the placement of the new asphalt concrete. The applied surfaces shall be clean and free from dirt and loose materials prior to application of the asphalt tack coat PART 3 - EXECUTION

3.1 PAVEMENT REMOVAL

A. Pavement within the parking lot shall be removed within the limits of all construction excavations prior to excavation. Surplus material shall be removed and disposed of legally at an approved location offsite.

B. Prior to removing existing surfacing, pavement cuts shall be made parallel with the proposed trench limits. All pavement cuts shall be neat and straight along both sides of the trench or excavation and parallel to its alignment. The strip of existing AC pavement between an excavation and a gutter face or edge of pavement shall be removed and replaced if less than 3 feet in width. Where large irregular surfaces are removed, such trimming or cutting shall be parallel to the roadway centerline or at right

C. After backfilling and compaction, final pavement cuts shall be made by saw cutting (unless permit requirements supersede) to a minimum depth of 2 inches at a point not less than 12 inches outside the limits of excavation.

D. The pavement cut operation shall be in accordance with SSPWC Section 300-1.3

"Removal and Disposal of Materials", and the Plans.

E. The Contractor shall conduct operations so as not to damage the integrity of the edge of the pavement cut surface. Any damage to the pavement cut edge shall be corrected by the Contractor, as directed by the District, by additional pavement cutting around the damaged area prior to the start of paving operations. Any additional pavement cutting required to correct the damaged edge shall be at the

3.2 TACK COAT

A. All vertical or horizontal hard surfaces, which will be in contact with new pavement, shall be tack coated in accordance with SSPWC Section 302-5.4 "Tack Coat", and at an approximate rate of 0.05 to 0.10 gallons per square yard.

3.3 DISTRIBUTION AND SPREADING

A. The asphalt concrete shall be placed in accordance with SSPWC 302-5.5 "Distribution and Spreading."

B. Asphalt course thickness shall match the existing pavement thickness plus one additional inch of thickness.

3.4 ROLLING

A. The asphalt concrete shall be compacted in accordance with SSPWC 302-5.6

3.5 REPAIRS

A. Areas of new or existing asphalt concrete requiring repair shall be delineated by saw cutting and the asphalt concrete removed, then prime or tack coated, and paved with hot asphalt as specified herein.

3.6 CLEANUP

A. Clean all debris and unused materials from the paving operation. Clean all surfaces that have been spattered or defaced as a result of the paving operation. Asphalt or asphalt stains which are noticeable upon surfaces of concrete or materials which will be exposed to view shall be promptly and completely removed. Cleaning shall be done in a manner that will not result in the discharge of contaminated materials into any catch basin or storm drain system.

> SECTION 02785 ASPHALT PAVEMENT SEALCOATING

PART 1 GENERAL

.1 SECTION INCLUDES

A. Asphalt Pavement Sealcoating

1.2 REFERENCE STANDARDS

A. American Society for Testing Materials (ASTM)

1. D 2939-03 Standard Test Methods for Emulsified Bitumens Used as Protective Coatings 2. The following ASTM test methods: D140, D466, D529, D244, C88, C131, C117, C127, C123, D1310, D2170, D95, D402, D2171, D5, D113, D2042, D711, D969, D1475, D3960, D2486, E70, D562, D3583, D3236, D5249, D6690, B117, D977

3. MasterSeal Asphalt Pavement Sealer meets ASTM D8099/D8099M-17 Standard Specification for Asphalt Emulsion Pavement Sealer.

B. South Coast Air Quality Management District

1. SCAQMD Method 304 - Determination of Volatile Organic Compounds (VOC) In Various Materials.

C. Federal Specifications for Waterborne Traffic and Airfield Marking Paints 1. TT-P-1952E Types I, II, and III

2. TT-P-1952D

3. TT-P-1952B

1.3 SUBMITTALS

 A. Product Data 1. Submit manufacturer's Product Data Sheet.

1.4 PROJECT/SITE CONDITIONS

A. Ambient Conditions 1. Both surface and ambient temperature must be a minimum of 50°F and rising before applying cold applied crack fillers, oil spot primers, pavement sealers or traffic paints (materials). Ambient and surface temperature

shall not drop below 50°F for a 24 hour period following application of materials. 2. Apply materials during dry conditions when rain is not imminent or forecast for at least 24 hours after

Sections 3.1 thru 3.7 of this specification.

B. Pavement/Surface Conditions

1. Newly placed (paved) asphalt pavement surfaces should be allowed to cure a minimum of four (4) weeks under ideal weather conditions (70°F) before applying coatings. 2. New pavement surfaces shall be free of residual oils or chemicals associated with the placement of new

asphalt pavement. 3. Aged pavement surfaces shall be cleaned and prepared as recommended in this specification under PART 3

PART 2 PRODUCTS

2.1 MANUFACTURER A. SealMaster Pavement Products and Equipment or equivalent. SealMaster has a nationwide network of manufacturing and distribution facilities. Phone: 800-395-7325. Website: www.sealmaster.net. E-mail:

2.2 MATERIALS

spec@sealmaster.net.

A. MasterSeal B. SealMaster Top Tuff Polymer Additive

C. SealMaster Petro Seal Oil Sport Primer

PART 3 EXECUTION

3.1 EXAMINATION

A. Examine pavement surface prior to performing work

Notify architect or project engineer of any adverse or unacceptable conditions that would affect successful repair efforts or application of materials

C. Do not commence work until unacceptable conditions are corrected

3.2 SURFACE PREPARATION

A. Surface must be clean and free from all loose material and dirt. Remove grass along edge of pavement to find true edge of pavement. Power blowers, mechanical sweeping devices and push brooms are acceptable cleaning methods.

3.6 OIL SPOT PRIMING

A. Prime Oil Spots with SealMaster Prep Seal or SealMaster Petro Seal

1. Wipe or scrape excessive build-up of oil, grease, and gasoline spots. A torch may be used to burn away any

2. Apply oil spot primer with brush, roller or sprayer.

3. Allow to dry before sealcoating.

4. Contractor or other Entity Responsible for performing work shall refer to Manufacturer's Product Data Sheet for more detailed application instructions for SealMaster Prep Seal or SealMaster Petro Seal.

3.8 MASTERSEAL APPLICATION

A. Applying MasterSeal

1. Remove all loose material and dirt from pavement surface. Remove grass along edge of pavement to find true edge of pavement. Power blowers, mechanical sweeping devices and push brooms are acceptable cleaning

2. Equipment used to apply MasterSeal shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process. Spray equipment shall be capable of mixing and spraying pavement sealer with sand added. Self-propelled squeegee equipment with mixing capability shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into pavement surface. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

3. MasterSeal shall be mixed in accordance with the following mix design (based on 100 gallons of MasterSeal for ease of calculation):

 MasterSeal . 100 gallons

Water... . 15-25 gallons - Top Tuff... 1 gallon

- Sand (40 to 70 mesh AFS fineness gradation).......300-500 lbs. 4. Apply two coats of mixed MasterSeal at a rate of .11 to .13 gallon per square yard per coat to entire pavemen

Allow second coat to dry thoroughly before applying a third coat to these areas.

area. Allow first coat to dry thoroughly before applying second coat. 5. Apply a third coat of mixed MasterSeal at a rate of .11 to .13 gallon per square yard to high traffic areas including parking area entrances, exits and drive lanes (or as specified in additional diagrams or drawings).

6. Allow final coat of pavement sealer to dry 24 hours prior to applying SealMaster 100 % Acrylic Water based Traffic Paint

> SECTION 02750 CONCRETE PAVING

PART 1 - GENERAL

1.2 SYSTEM DESCRIPTION

1.1 SECTIONS INCLUDES A. Concrete walks, stairs, ramps and courtyard and parking area concrete paving and finishing; related form work,

reinforcing and accessories. B. Sand base course, material, placement and compaction.

D. Integral coloring (paving as shown). E. Finish samples, job site mock-ups.

C. Fibrous concrete reinforcement (all concrete paving).

A. Paving and Base: Designed for pedestrian and light duty commercial vehicle traffic.

1.3 QUALITY ASSURANCE A. Perform work in accordance with 2019 California Building Code. B. Perform work in accordance with applicable portions of the Standard Specifications for Public Works Construction

(SSPWD "Greenbook"), 2006 Edition (delete reference to measurement and payment). C. Concrete Paying Work shall conform to the requirements of ACI Standard Specification for Cast-In-Place Architectural Concrete, ACI 303.1, published by the American Concrete Institute, Farmington Hills, Michigan, except as modified by the requirements of these Contract Documents.

1.4 SUBMITTALS

A. Concrete Mix Design: Submit one design for each strength of concrete specified. B. Product Data: Provide data on specified admixtures, describing physical and performance characteristics.

C. Finish Samples: 1. Submit surface finish samples, with the specified color sealer, approximately 12 x 12 inches in size, for each selected colored concrete paving finish. Verify exact finish color with Engineer prior to preparation of samples.

2. Submit 12 x 12 inch samples and obtain Engineer's approval prior to constructing job site mock-up.

1.5 QUALIFICATIONS

A California Contractor's State License Board Class B or Class C-8 license is required.

1.6 PRE-INSTALLATION CONFERENCE A. Convene a conference two weeks prior to commencing work of this Section.

B. Require attendance of parties directly affecting the work of this Section. C. Review fibrous concrete reinforcement. Review concrete mix design.

E. Review submittal requirements.

1.7 JOB SITE MOCKUPS A. Provide mockups of each concrete paving system with specified color curing / sealer treatment and accessories.

D. Review requirements for concrete installation and preparation for installation; review recommended location of

A. Installer: Company currently specializing in performing the work of this section with a minimum five years current

continuous documented experience and approved and authorized by the integral color materials manufacturer.

B. Construct job site mockups, approximately 20 x 20 feet in size illustrating each color, scoring, surface finish, and sealer / treatment and accessories. Mockup will establish the minimum standard of quality for the work of this section and shall remain in place until acceptance of the concrete paving work.

E. Mockups, if location and workmanship are approved by the Engineer, may remain as part of the work.

control and construction joints. Review color requirements and surface finishes.

C. Obtain approval of 12 x 12 inch finish samples specified herein prior to construction of mockup.

D. Locate where directed.

removed from the site and legally disposed.

2.1 ACCEPTABLE MANUFACTURERS A. All products offered as equivalent to the specified manufacturer's products listed herein shall be equivalent to all the properties, specifications, appearance, conformance to standards, finish and function of the specified

F. Mockups not approved by the Engineer or which are not intended to remain as a part of the work shall be

manufacturer's product.

PART 2 - PRODUCTS

2.2 FORM MATERIALS A. Lumber: Smooth surfaces, clear wood boards, single width.

2.3 STEEL REINFORCEMENT MATERIALS A. Reinforcing Steel: ASTM A 615, Grade 40: deformed billet steel bars, plain finish.

B. Slab Edge and Expansion Joint Filler: ASTM D1751, premolded asphaltic board, 1/2 inch thick.

B. Fine and Coarse Aggregates: SSPWC "Greenbook" class as shown on drawings A1.2 and A1.4.

B. Chairs, Bolsters, Bar Supports, Spacers: Sized and shaped for support of reinforcing, as shown on drawings or as required or specified.

2.4 CONCRETE MATERIALS A. Cement: CBC Standard 19-1, Type II, low alkali.

C. Water: Clean potable and not detrimental to concrete.

2.5 CONCRETE MIX A. Mix and deliver concrete in accordance with CBC Standard 19-3.

placement shall be identified as such.

B. Provide concrete with the following characteristic: 1. Compressive Strength at 28 days and slump shall be in accordance with the SSPWC "Greenbook" class shown on drawings A1.2 and A1.4.

concrete supplier shall furnish mix design in accordance with ACI-211-1 and CBC Sec. 1905-3, based on the specified design strength and the specified requirements for placement and finish. 1. Mix designs shall indicate source of aggregate and brands of cement and admixtures used. Mixes designed for pump

C. Mix Designs: After acceptance of aggregate and whenever character or source of materials is changed, the

2. Mix designs must be approved in writing by the Engineer prior to delivery of concrete to the site.

CONTINUED ON SHEET A6.2

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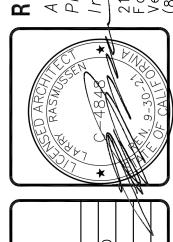
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PECIFICATION

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> Sheet No. A6.1

A. Sand Base: Sand shall be washed and conform to Standard Specifications for Public Works Construction (SSPW "Greenbook"), 200- 1.5, Sand for Portland Cement Concrete. Use for all pedestrian traffic concrete

A. Install paving for handicapped access path of travel in accordance with requirements of the 2019 California

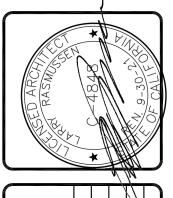
- A. Conform to applicable requirements of the Americans With Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (and Appendix) for slip resistance and static coefficient of friction for walking surfaces.
- B. The installed dry surface static coefficient of friction for finish surface materials shall be not less than 0.60 for level walking surfaces and 0.80 for ramps when tested in accordance with procedures outlines in ASTM Test
- A. Concrete walks and paving shall be the thickness shown on drawings and shall have a uniform finish as shown on the drawings. Place concrete over a uniform layer of washed course sand, thickness as shown on
- B. Provide expansion joints as shown on drawings or if not shown, at maximum 20 foot intervals in any direction, with locations and alignments approved by the Engineer prior to placing concrete. Provide control joints and
- A. Verify that all underground utilities have been installed, tested and approved and that trench backfill has been
- B. Verify that underground irrigation and drainage lines to plant areas and underground electrical lines to plant
- C. Verify gradients and elevations of subgrade. Grade stakes, set with instrument, shall be set at grid intervals of 25 feet for gradients of 2 percent or more, and at 10 feet for gradients of less than 2 percent. Stake flow lines at
- D. Verify that subgrade has been prepared and tested as specified in Section 02200 for exterior walks and paving
- shown. Forms shall be plumb, straight, and sufficiently tight to prevent leakage. Do not coat form with material
- E. Inserts, sleeves and other such items shall be accurately, properly and securely installed in cooperation with the work of other sections. Ample notice and opportunity to introduce and furnish embedded items shall be given to
- A. Provide formed openings where required for work to be embedded in and passing through concrete paving.
- B. Coordinate work of other Sections in forming and setting openings, slots, recesses, sleeves, bolts, anchors, and
- A. Notify Engineer 48 hours prior to placing concrete to allow for inspection of base, forms, and reinforcing. All form work and reinforcing shall be complete and in place, including inserts, sleeves, anchors, and other embedded
- C. Remove debris, clods, rocks, loose earth, and water from all places to be occupied by concrete and thoroughly dampen all forms and base material just prior to pouring concrete. Concrete shall not be placed in water, on
- E. Place concrete continuously between predetermined expansion, control and construction joints. Place concrete as near as practicable and as soon as possible in final position in forms. Care shall be taken to avoid segregation of aggregate or displacing reinforcement, inserts, or forms. All forms and subgrades shall be damp,
- F. Compact and consolidate concrete into contact with all surface of forms, reinforcing, and inserts by tamping,
- G. Provide construction and contraction joints as shown on drawings, maximum 20 foot intervals in any direction.
- A. Concrete Paving: Finish as indicated on drawings, 1/8 inch radius and trowel all joint and paving edges. Slope

- A. Apply specified color sealer to colored paving surfaces in accordance with manufacturer's published instructions.
- A. Immediately after placement, protect pavement from premature drying, excessive hot or cold temperatures, and
- B. Protect colored concrete paving from damage or staining during plastering or ceramic tile operations by covering

A. Modify or replace concrete not conforming to specified lines, details and finishes, as directed by the Engineer.

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GENERAL

THE DRAWINGS AND THESE GENERAL NOTES DESCRIBE THE SCOPE OF WORK AND SYSTEMS. THE MATERIAL REQUIRED FOR THE WORK SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED, UNLESS SPECIFICALLY NOTED OTHERWISE. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING PRINCIPAL SYSTEMS AND EQUIPMENT.

PERMITS AND CHARGES OBTAIN AND PAY FOR ALL NECESSARY CONSTRUCTION PERMITS, INSPECTION FEES, AND OTHER CHARGES BY AGENCIES HAVING JURISDICTION.

REGULATIONS AND CODES PROVIDE AND INSTALL ALL MATERIALS IN CONFORMANCE WITH THE 2019 C.E.C., CALIFORNIA ADMINISTRATIVE CODE TITLE 8, AND OTHER CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY AND THE MANUFACTURERS RECOMMENDATIONS.

BEFORE SUBMITTING BID, BECOME THOROUGHLY FAMILIAR WITH ACTUAL EXISTING CONDITIONS A THE BUILDING. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER. BY THE ACT OF SUBMITTING A BID PROPOSAL FOR THE WORK, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION AND TO ACCEPT ALL CONDITIONS PRESENT AT THE SITE. NO REQUEST FOR ADDITIONAL PAYMENT WILL BE CONSIDERED AS VALID, DUE TO FAILURE TO ALLOW FOR CONDITIONS WHICH MAY EXIST

COORDINATE ALL WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTION REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT. ELECTRICAL EQUIPMENT LOCATIONS INDICATED ARE SHOWN DIAGRAMMATICALLY, EXACT LOCATION SHALL BE VERIFIED. SCALING OFF OF DRAWINGS SHALL BE DONE AT CONTRACTORS RISK. DO NOT SCALE DEVICES, LIGHTING FIXTURES OR ANY EQUIPMENT FROM PLANS. LIGHTING FIXTURE QUANTITIES AND LENGTHS SHALL BE CONTRACTORS RESPONSIBILITY. FIXTURES ARE SHOWN FOR CIRCUITING ONLY. CONTRACTOR TO VERIFY SIZES & QUANTITIES PRIOR TO BID.

UNINTERRUPTED EXISTING ELECTRICAL POWER SHALL BE MAINTAINED TO OTHER TRADES FOR TEMPORARY POWER AREAS OF THE SITE DURING CONSTRUCTION. PROVIDE ANY TEMPORARY SERVICES AS MAY BE REQUIRED. IDENTIFY AT BID TIME, ALL WORK TO BE DONE ON PREMIUM TIME AND THE TOTAL OVERTIME MAN-HOURS REQUIRED FOR COMPLETION.

PROVIDE RECORD DRAWINGS IN ACAD TO THE OWNER WITH ALL CHANGES NOTED THEREON AT THE COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL BE SIGNED AND DATED BY CONTRACTOR PRIOR TO RELEASE OF FINAL RETENTION OF ALL MONIES.

CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR AND MATERIALS ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR.

SUBMIT SHOP DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U.L. LABEL OR THAT OF ANOTHER ACCEPTABLE TESTING LABORATORY. SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL. SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE, DISCONNECT SWITCHES, FUSES, CONTROLLERS, LIGHTING FIXTURES, LIGHT SWITCHES, RECEPTACLES, ETC.

O. CONTRACTOR BID

CONTRACTOR'S BID SHALL BE BASED ON ALL WORK SHOWN ON THE PLANS AND AS SPECIFIED. IF CONTRACTOR PROPOSES TO SUBSTITUTE FOR EQUIPMENT SPECIFIED, HE SHALL SUBMIT HIS REQUEST FOR CONSIDERATION OF THE OWNER AND ENGINEER PRIOR TO BID IN WRITING. ALL SUBSTITUTIONS MUST BE REVIEWED BY THE ENGINEER IN WRITING. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS, AND THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS OWN EXPENSE FOR ANY CHARGES RESULTING FROM HIS PROPOSED SUBSTITUTIONS WHICH AFFECT OTHER PARTS OF HIS OWN WORK, THE OWNER, ENGINEER OF RECORD OR THE WORK OF OTHER CONTRACTORS.

ALL WORK AND MATERIAL SHALL CONFORM TO THE LATEST RULES OF THE GOVERNING ELECTRICAL CODE AND INSTALLATION SHALL BE OF THE LATEST INDUSTRY STANDARDS OF WORKMANSHIP.

ALL MATERIALS SHALL BE NEW AND LISTED FOR THE APPLICATION BY UNDERWRITERS LABORATORY (U. L.).

CONDUIT SHALL BE EMT, PVC, IMC, RIGID OR FLEXIBLE STEEL TYPE. CONDUIT SHALL BE MANUFACTURED IN ACCORDANCE WITH UL-1. A GROUND WIRE IS REQUIRED IN ALL FLEXIBLE CONDUIT AND UNDERGROUND CONDUIT. BUSHINGS SHALL BE INSTALLED ON ALL COMMUNICATION, TELEPHONE & SPEAKER CONDUITS. PROVIDE 3/16" NYLON PULL STRING IN ALL EMPTY CONDUITS NO MC, BX OR AC90 SHALL BE PERMITTED. FLEXIBLE STEEL CONDUIT RUNS SHALL BE LIMITED TO A MAXIMUM LENGTH OF 6 FOOT. ALL CONNECTIONS SHALL BE COMPRESSION & NOT SCREW TYPE.

STANDARDS SECTION 3099.

SWITCHES AND RECEPTACLES
PROVIDE 20AMP NEMA RATED SWITCHES AND RECEPTACLES OF SPECIFICATION GRADE. ALL SWITCHES SHALL BE RATED FOR 120 AND/OR 277 VOLT AND RECEPTACLES SHALL BE NEMA 5-20R. IN ALL OFFICES AND OFFICE AREAS DEVICES SHALL BE DECORA SERIES TYPE WITH COLOR SELECTION BY CONTRACTOR/OWNERS REPRESENTATIVE.

FEEDERS AND BRANCH CIRCUITS IDENTIFICATION IDENTIFY FEEDERS WITH THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE. LOAD END. AND IN PULL BOXES WITH E-Z CODE OR OTHER APPROVED WIRE MARKER. IDENTIFY BRANCH CIRCUITS WITH I.D. MARKERS. THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE, AT ALL SPLICES, IN JUNCTION BOXES, AND IN OUTLETS. USE PLASTIC COATED SELF-STICKING MARKERS SUCH AS THOMAS & BETTS E-Z CODE FOR

IDENTIFICATION OF CONDUCTORS. IDENTIFY SIGNAL & COMMUNICATION CABLES AT TERMINAL AND OUTLET UNIQUELY WITH PERMANENT LABELING. CONDUCTORS DELIVER ALL CONDUCTORS TO THE JOB SITE IN ORIGINAL UNBROKEN CARTON OR REEL, PROPERLY TAGGED WITH U.L. LABEL, SIZE, TYPE, MANUFACTURER, TRADE NAME AND THE DATE OF MANUFACTURE. (MUST BE MANUFACTURED WITHIN 6 MONTHS) PROVIDE COPPER CONDUCTORS #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. PROVIDE STRANDED COPPER CONDUCTORS FOR ALL WIRING. USE CONDUCTORS WITH 90°C THHN/THWN 600 VOLTS INSULATION, UNLESS OTHERWISE NOTED. CONDUCTOR SIZE NO. 1 AWG AND SMALLER WITH 90

DEGREE C INSULATION ARE TO USE THE 60 DEGREE COLUMN OF THE CODE, TABLE 310-16, TO DETERMINE AMPACITY. CONDUCTORS #1/O AWG AND LARGER WITH 75 DEGREE AND 90 DEGREE INSULATION ARE TO USE THE 75 DEGREE COLUMN OF CODE, TABLE 310-16, TO DETERMINE AMPACITY. (110.14C) WHERE THE NUMBER OF CONDUCTORS IN A RACEWAY OR CABLE EXCEEDS THREE, THE ALLOWABLE AMPACITY OF EACH CONDUCTOR SHALL BE REDUCED PER TABLE

LIGHTING FIXTURES PROVIDE LIGHTING FIXTURES WITH ELECTRONIC DRIVERS PER SCHEDULE, PROVIDE WITH LAMPS BY G.E., PHILIPS OR SYLVANIA AS STATED IN THE SCHEDULE. NO SUBSTITUTIONS OF FIXTURES SHALL BE PROVIDED WITHOUT THE APPROVAL OF THE ENGINEER -OF-RECORD.

PANELBOARDS (BID SQUARE D: PROVIDE GE ALTERNATE BID)
DISTRIBUTION AND LIGHTING PANELBOARDS WITHIN PROJECT AREA SHALL BE OF THE COPPER BUS THREE PHASE. FOUR WIRE DISTRIBUTED PHASING TYPE. CIRCUITING SHALL BE ARRANGED TO PROVIDE, AS NEARLY AS POSSIBLE, AN EVENLY BALANCED LOAD ON ALL PHASES. PANELBOARDS SHALL BE BOLT-ON CIRCUIT BREAKER TYPE. AVAILABLE FAULT CURRENT IS STATED ON PANELBOARD SCHEDULE. PROVIDE PANEL IDENTIFICATION NAMEPLATE (ENGRAVED ON-ADHESIVE 1/2" MINIMUM LETTERS) AND TYPEWRITTEN LIST OF CIRCUITS IN THE DIRECTORY FRAME.

EACH SECTION OF FLOOR MOUNTED SWITCHBOARD, DISTRIBUTION BOARD, MCC, ETC. SHALL BE BOLTED TO THE CONCRETE HOUSEKEEPING PAD USING (6) 3/4"-10 GRADE 2 BOLTS AND CONICAL WASHERS TORQUED TO 70LB-FT. PROVIDE MINIMUM 4000 PSI STRENGTH CONCRETE BELOW ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. TIE THE TOP OF ALL FLOOR MOUNTED ELECTRICAL

EQUIPMENT TO THE BUILDING STRUCTURE IN A SEISMICALLY APPROVED MANNER. **ELECTRICAL CERTIFICATION** "ELECTRICIANS" PERFORMING WORK ON THIS PROJECT SHALL BE CURRENTLY CERTIFIED IN ACCORDANCE WITH THE STATE OF CALIFORNIA AB931 AND THE DIVISION OF APPRENTISHIP

EXECUTION
. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE CONFINES AS MUCH AS POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE

2.EQUIPMENT, MATERIALS AND SUPPLIES REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND

3.DO ALL DRILLING, CUTTING, CHANNELING AND PATCHING REQUIRED TO INSTALL ELECTRICAL WORK AS INDICATED OR HEREIN SPECIFIED. M ALL HOLES, CURBS, ETC., IN FLOORS, CEILINGS AND WALLS

SHALL BE PATCHED, UNLESS INDICATED OTHERWISE. PAINT ALL NEW ELECTRICAL RACEWAYS, CABINETS,

4. ALL CONDUIT RUNS SHALL BE CONCEALED, UNLESS SHOWN OTHERWISE. PROVIDE A PULL WIRE IN ALL

5. EXISTING CONDITION SHOWN IS FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEY AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITION AT SITE.

ENCLOSURES AND FITTINGS PENETRATING INTO FIRE RATED ENVELOPES, SPACES, ETC.

6.ALL WORK SHOWN IS NEW UNLESS SPECIALLY INDICATED AS EXISTING (X). ALL ELECTRICAL EQUIPMENT MOUNTING AND ANCHORAGE MUST CONFORM WITH LOCAL AND STATE SEISMIC CODES.

TELEPHONE SYSTEMS
PROVIDE RACEWAYS, AND ALL MATERIAL INCLUDING PULLING CABLE IN EACH RACEWAY AS NOTED.

FURNISH AND INSTALL COMPLETE BONDING AND GROUNDING SYSTEM AS REQUIRED BY CODES. CONTINUITY OF GROUNDING SHALL BE MAINTAINED MECHANICALLY AND ELECTRICALLY THROUGHOUT THE SYSTEM. A GREEN GROUNDING CODE SIZED CONDUCTOR SHALL BE CARRIED IN ALL CONDUITS.

T IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. TOWARD THIS END FURNISH ALL LABOR AND TOOLS NECESSARY AND FURNISH AND INSTALL ALL APPARATUS, MATERIALS AND EQUIPMENT IN A FASHION COMPLYING WITH ALL APPLICABLE CODES, INCLUDING ITEMS REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS AND HARDWARE. REFER ALSO TO WRITTEN SPECIFICATIONS FOR GENERAL, MECHANICAL AND ELECTRICAL SECTIONS.

PROCURE ALL PERMITS FROM LEGALLY CONSTITUTED AUTHORITIES, ARRANGE FOR ALL INSPECTIONS AND PAY ALL COSTS FOR FEES AND TESTS IN CONNECTION THEREWITH. COMPLY WITH CODES: NOTHING IN THESE PLANS AUTHORIZES DEVIATION FROM APPLICABLE CODES.

DETERMINE EXACT ROUTING OF CONCEALED FEEDERS AND BRANCH HOMERUNS IN COOPERATION WITH OTHER TRADES TO SIMPLIFY INSTALLATION WHEREVER POSSIBLE BUT SUBJECT TO APPROVAL OF ARCHITECT FOR VISUAL AND STRUCTURAL REASONS.

DO NOT RUN ANY CONDUIT IN SLAB IF ITS OUTSIDE DIAMETER EXCEEDS 1/3 THE THICKNESS OF T SLAB. LOCATE CONDUITS WITHIN THE MIDDLE OF THE SLAB. WHERE CONDUITS ARE GROUPED IN PARALLEL RUNS. SPACE THEM 3" OR MORE APART. WHERE CONDUITS CROSS EACH OTHER, THICKEN SLAB PROPORTIONATELY OVER A HORIZONTAL AREA EQUAL TO TEN TIMES THE DIAMETER OF THE

SIZE OUTLET BOXES IN CONFORMITY WITH CODE FOR NUMBER AND GAUGE OF CONDUCTORS THEREIN,

ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUIT SHALL BE IN STRAIGHT LINES PARALLEL WITH, OR AT RIGHT ANGLES TO, COLUMN LINES OR BEAMS AND SEPARATED BY AT LEAST THREE (3) INCHES FROM WATER LINES WHENEVER THEY RUN LONG SIDE OR ACROSS SUCH LINES. CONDUIT SHALL NOT BE RUN BELOW CABLE TRAYS OR LIGHT FIXTURES WITHOUT SPECIFIC APPROVAL OF THE OWNERS REPRESENTATIVE. HANGERS SHALL BE FASTENED TO STEEL. CONCRETE OR MASONRY. BUT NOT TO PIPING. HANGERS AND SUPPORT SYSTEMS ARE AN INTEGRAL PART OF THE VISUAL ENVIRONMENT. ALL HANGERS AND SUPPORTS EXPOSED TO PUBLIC VIEW MUST BE SHOWN IN DETAIL ON PLANS SUBMITTED TO ENGINEER FOR APPROVAL OF APPEARANCE. ALL HANGERS MUST BE UNIFORMLY SPACED AND NEATLY INSTALLED WITH NO EXCESS MATERIAL BEYOND WHAT IS REQUIRED FOR THE SUPPORT FUNCTION. CONTRACTOR SHALL SELECT ACCESSORIES AND HARDWARE WITH A SMOOTH, NEAT FINISHED APPEARANCE AND PAINT ALL EXPOSED CONDUIT HANGERS TO MATCH THE ADJACENT FINISHES.

ALL RECEPTACLES SHALL BE MOUNTED BETWEEN 18" AND 48" PER ADA REQUIREMENTS UNLESS NOTED OTHERWISE, MEASURED FROM BOTTOM & TOP OF BOX RESPECTIVELY.

ALL DISTRIBUTION BOARDS, SWITCHBOARDS AND TRANSFORMERS THAT ARE FLOOR MOUNTED SHALL BE MOUNTED ON 2" THICK HOUSEKEEPING PAD. TRANSFORMER SHALL BE ON VIBRATION ISOLATION PADS AND CONNECTED WITH FLEXIBLE CONDUIT.

CONTRACTOR SHALL EXAMINE PLANS AND VERIFY IN FIELD LOCATIONS OF ALL FIRE RATED WALLS, CEILINGS AND FLOORS. CONTRACTOR SHALL SEAL ALL ELECTRICAL SYSTEM PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS AND FLOORS WITH U. L. LISTED MATERIAL APPROVED BY THE AUTHORITY HAVING JURISDICTION.

O. ALL SWITCHES SHALL BE MOUNTED 36" TO 48" MEASURED FROM BOTTOM & TOP OF BOX RESPECTIVELY.

1. PANEL CIRCUIT DIRECTORY SHALL COMPLY WITH CEC 408.4.

LARGEST CONDUIT. REFER ALSO TO DETAILS SHOWN.

12. PROVIDE 90% COMPACTION OR SAND SLURRY OVER ALL UNDERGROUND CONDUITS, USE ONLY CLEAN

MARKING - UNDERGROUND SYSTEM SHALL BE LEGIBLY MARKED "UNDERGROUND SYSTEM" AT THE SOURCE OR FIRST DISCONNECTING MEANS OF THE SYSTEM. THE MARKING SHALL BE OF SUFFICIENT

DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. (250.21)(C) PROVIDE SWITCH AND RECEPTACLE HEIGHTS PER STATE OF CALIFORNIA ACCESSIBLE REQUIREMENTS

THE ISSUANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATION OF THE CODES ADOPTED BY THE CITY, RELEVANT LAWS, ORDINANCES, RULES AND/OR REGULATIONS.

PROVIDE SEPARATE SUBMITTAL; OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND APPROVALS FOR ALL FIRE ALARM SYSTEM INSTALLATIONS AND/OR MODIFICATIONS FROM THE FIRE DEPARTMENT. ALL INSTALLED MATERIALS AND EQUIPMENT SHALL BE LISTED U.L., NRTL OR LISTED AND

APPROVED BY AN APPROVED TESTING LABORATORY. ALL NEW OVERCURRENT DEVICES INSTALLED IN EXISTING PANELS/SWITCHBOARDS SHALL MATCH THE

MAKE, MODEL AND INTERRUPTING CAPACITY OF THE EXISTING OVERCURRENT DEVICES. RACEWAY SEALS. CONDUITS OR RACEWAYS THROUGH WHICH MOISTURE MAY CONTACT LIVE PARTS SHALL BE SEALED OR PLUGGED AT EITHER OR BOTH ENDS.

. PROVIDE LOCAL DISCONNECTS FOR ALL HARDWIRED EQUIPMENT THAT IS NOT "WITHIN SIGHT" OF

. MULTIPLE RACEWAYS CONTAINING MORE THAN 3 CURRENT CARRYING CONDUCTORS SHALL COMPLY WITH [2016 CEC, 310.15(B)(2)(A)].

O. THE IDENTIFICATION OF EVERY CIRCUIT OF A PANEL BOARD AND SWITCHBOARD SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE AND SHALL INCLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS. 2016 C.E.C 408.4 - PROVIDE MORE DETAIL ON PANEL SCHEDULE CIRCUIT DESCRIPTIONS.

. A SINGLE RECEPTACLE INSTALLED ON AN INDIVIDUAL BRANCH CIRCUIT SHALL HAVE AN AMPERE RATING OF NOT LESS THAN THAT OF THE BRANCH CIRCUIT. INDICATE THE RECEPTACLE RATING.

2. PROVIDE RECEPTACLE OUTLETS WHEREVER CORD CONNECTED EQUIPMENT WILL BE USED. (210.50(B))

3. WHERE THE DISCONNECTS ARE NOT PROVIDED WITHIN SIGHT FROM THE EQUIPMENT IT SUPPLIES, THE SWITCH OR CIRCUIT BREAKER MUST INCLUDE PROVISIONS FOR ADDING A LOCK. AND THESE PROVISIONS MUST REMAIN WITH THE EQUIPMENT. THESE LOCKING PROVISIONS HAVE TO BE PART OF THE EQUIPMENT, EITHER INHERENT TO THE EQUIPMENT DESIGN OR AS A ACCESSORY FEATURE THAT CAN BE INSTALLED ON THE EQUIPMENT. [410.141(B), 422.31(B), 424.19, 440.14 EXCEPTION

NO. 1, 600.6(A)(2)(3), 620.51(A) EXCEPTION NO. 1, 620.53, 620.55] 4. STANDARD NON-LOCKING STRAIGHT-BLADE RECEPTACLES IN 120- AND 250-VOLT CONFIGURATION

AT WET/DAMP LOCATION ARE REQUIRED TO BE LISTED WEATHER-RESISTANT TYPE. [CEC 406.8(A)]

SYMBOLS

DUPLEX RECEPTACLE, WALL MOUNTED @ +18"AFF, NEMA 5-20R U.O.N. DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, WALL MOUNTED @ +18"AFF SPECIAL OUTLET, TYPE AS REQUIRED BY EQUIPMENT. JUNCTION BOX (CEILING MTD.) SIZE PER TABLE AND NEC ARTICLE 370

JUNCTION BOX (WALL MTD.) SIZE PER TABLE AND NEC ARTICLE 370

MH MANHOLE

BRANCH CIRCUIT PANELBOARD - 120/208VAC, 3ø, 4W.

BRANCH CIRCUIT PANELBOARD - 480/277V, 3ø, 4W CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS, CONDUIT RUN CONCEALED BELOW FLOOR OR UNDERGROUND

- WHERE NO NUMBER IS INDICATED, THE CONDUCTORS

ARE #12AWG(MIN.) CONDUIT SIZE IS AS REQUIRED

FLEXIBLE CONDUIT (WITH GROUND CONDUCTOR, PROVIDE LIQUID TIGHT CONDUIT IN ALL EXPOSED AREAS)

LOW VOLTAGE CABLE & CONDUIT 3/4"C-1#CAT6 U.O.N. - HASH MARKS INDICATE QUANTITY OF #12 CONDUCTORS. NO HASH MARKS INDICATE (2)#12AWG. (PROVIDE

GROUND CONDUCTOR IN ALL CONDUITS.)

BY ELECTRICAL CODE. (3/4" CONDUIT MINIMUM). INDICATES A HOMERUN TO PNL 2LA, CKTS 1-3-5 WITH SHARED NEUTRAL & CKT 7 WITH DEDICATED NEUTRAL.

3/4"C-2#12 & 1#12 GND 3/4"C-3#12 & 1#12 GND 3/4"C-4#12 & 1#12 GND 3/4"C-5#12 & 1#12 GND 3/4"C-2#10 & 1#10 GND

PROVIDE DEDICATED NEUTRALS FOR CIRCUITS WHICH DO NOT HAVE COMMON CIRCUIT HANDLE TIES ON BREAKERS FEEDING 3/4"C-3#10 & 1#10 GND THE CIRCUITS 3/4"C-4#10 & 1#10 GND 3/4"C-5#10 & 1#10 GND

SEE KEY NOTE #1 AS INDICATED ON DRAWING

3-WAY SWITCH, a & b INDICATES LIGHT FIXTURE TO BE SWITCHED (EACH A 3-WAY)

CIRCUIT SWITCH LEGS -WALL SWITCHES

DISCONNECT SWITCH, 60AMP SWITCH, 35 AMP FUSE, 3 POLE W/ OVERCURRENT PROTECTION U. O. N. 100A UTILITY METER (OR AS NOTED)

FUSED DISCONNECT SWITCH 100AMP SWITCH RATING WITH 60 AMP FUSES, 3

MOLDED CASE CIRCUIT BREAKER 200 AMP FRAME, 150 AMP TRIP RATING, 3 POLE

CCTV-VERIFY MOUNTING LOCATION AND REQUIREMENTS WITH CLIENT/OWNER.

PROVIDE CONDUCTOR COLOR CODE AS FOLLOWS: 120/208VAC, 3ø, 4W: BLUE, BLACK, RED FOR PHASE CONDUCTORS AND WHITE FOR NEUTRAL, GREEN FOR GROUND.

277/480VAC, 3ø, 4W: ORANGE, BROWN, YELLOW FOR PHASE CONDUCTORS AND WHITE FOR NEUTRAL, GREEN FOR GROUND.

DERATING TABLE

(a) MORE THAN THREE CURRENT-CARRYING CONDUCTORS IN A RACEWAY OR CABLE. WHERE THE NUMBER OF CURRENT-CARRYING CONDUCTORS IN A RACEWAY OR CABLE EXCEEDS THREE. THE ALLOWABLE AMPACITIES SHALL BE REDUCED AS SHOWN IN THE FOLLOWING TABLE:

CURRENT-CARRYING TEMPERATURE IF NECESSARY CONDUCTORS 4 THROUGH 6 7 THROUGH 9 10 THROUGH 20 21 THROUGH 30 1 THROUGH 40 41 AND ABOVE WHERE SINGLE CONDUCTORS OR MULTICONDUCTOR CABLES ARE STACKED OR BUNDLED LONGER THAN 24 INCHES (610 mm) WITHOUT MAINTAINING

SPACING AND ARE NOT INSTALLED IN RACEWAYS, THE ALLOWABLE AMPACITY OF EACH CONDUCTOR SHALL BE REDUCED AS SHOWN IN THE

EXCEPTION NO. 1: WHERE CONDUCTORS OF DIFFERENT SYSTEMS, AS PROVIDED IN SECTION 300-3, ARE INSTALLED IN A COMMON RACEWAY OR CABLE, THE DERATING FACTORS SHOWN ABOVE SHALL APPLY TO THE NUMBER OF POWER AND LIGHTING (ARTICLES 210, 215, 220, AND 230)

EXCEPTION NO. 3: DERATING FACTORS SHALL NOT APPLY TO

CONDUCTORS IN NIPPLES HAVING A LENGTH NOT EXCEEDING 24 INCHES (610mm).

RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, OR RIGID NONMETALLIC CONDUIT HAVING A LENGTH NOT EXCEEDING 10 FEET (3.05m) ABOVE GRADE AND THE NUMBER OF CONDUCTORS DOES NOT

FACTORS AND AMPACITIES SHALL BE PERMITTED TO BE CALCULATED UNDER SECTION 310-15(b)

(FNC): SEE APPENDIX B. TABLE B-310-11 FOR ADJUSTMENT FACTORS FOR MORE THAN THREE CURRENT-CARRYING CONDUCTORS IN A RACEWAY

(b) MORE THAN ONE CONDUIT. TUBE. OR RACEWAY. SPACING BETWEEN CONDUITS, TUBING, OR RACEWAYS SHALL BE MAINTAINED.

LIST OF DRAWINGS **DESCRIPTION** DESCRIPTION E100 GENERAL NOTES, ABBREVIATIONS, SYMBOLS & DRAWING LIST E101 OUTDOOR TITLE 24 PAGE 1 E102 OUTDOOR TITLE 24 PAGE 2 E110 ISITE POWER AND LOW VOLTAGE ELECTRICAL PLAN - EXISTING CONDITION E115 | SITE POWER AND LOW VOLTAGE ELECTRICAL PLAN E130 | SITE LIGHTING ELECTRICAL PLAN - NEW WORK SITE LIGHTING PHOTOMETRICS E200 | ELECTRICAL SINGLE LINE & PANEL SCHEDULE E600 ELECTRICAL DETAILS E601 POLE BASE DETAILS

SCOPE OF WORK

 PROVIDE POWER CONDUIT CONNECTION TOWARD FUTURE BUILDING PERIMETER FOR EXTENSION BY OTHERS, PROVIDE SITE LIGHTING.

 PROVIDE COM CONDUIT EXTENSION TOWARD BUILDING FOR NEW IDF PROVIDE NEW 5KV FEEDER TO NEW TRANSFORMER WITH SECONDARY CONDUITS TO BUILDING AREA PULLBOX & NEW POWER PANEL FOR SITE LIGHTING.

APPLICABLE CODES AND STANDARDS

2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 1

2019 CALIFORNIA BUILDING CODE (CBC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 2 (2019 INTERNATIONAL BUILDING CODE (IBC) W/CALIFORNIA AMENDMENTS)

2019 CALIFORNIA ELECTRICAL CODE (CEC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 3 (2019 NATIONAL ELECTRICAL CODE (NEC) W/CALIFORNIA

2019 CALIFORNIA ENERGY CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 6

2019 CALIFORNIA FIRE CODE (CFC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9 (2019 INTERNATIONAL FIRE CODE (IFC) W/CALIFORNIA 2019 CALIFORNIA REFERENCED STANDARDS CODE

CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 12

AMERICANS WITH DISABILITIES ACT (ADA) TITLE II - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND

1990 STATE FIRE MARSHAL REGULATIONS AND AMENDMENTS

8. CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, CALIFORNIA STATE ACCESSIBILITY STANDARDS CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19

9. 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL GREEN), PART II, TITLE 24 C.C.R.

10. 2019 CALIFORNIA MECHANICAL CODE (CMC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 4 (2019 UNIFORM MECHANICAL CODE (UMC) W/CALIFORNIA 11. 2019 CALIFORNIA PLUMBING CODE (CPC)

CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 5 (2015 UNIFORM PLUMBING CODE (UPC) W/CALIFORNIA

12. 2019 TITLE 19 CALIFORNIA CODE OF REGULATIONS (CCR) PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 13. 2019 NFPA 72 NATIONAL FIRE ALARM CODE

ABBREVIATIONS

MTG

AMP FRAME/AMP FUSE AVAILABLE FAULT CURRENT ABOVE FINISHED FLOOR AMP INTERRUPTING CURRENT ARCH ARCHITECT AMP SWITCH ASTM AMERICAN SOCIETY OF TESTING MATERIAL(S)

AMERICAN WIRE GAGE BACKBOARD CONDUIT OR CFILING

CIRCUIT BREAKER CONTINUATION CIRCUIT CONDUIT ONLY CABLE TELEVISION

COLD WATER PIPE DISCONNECT DISCONNECT SWITCH

DRAWING ELECTRICAL CONTRACTOR EMERGENCY LIGHT/FEEDER ELECTRICAL METAL TUBING

ENGINEER OF RECORD ETHYLENE PROPYLENE SHALLOW FLOOR BOX

GENERAL CONTRACTOR GROUND FAULT INTERRUPTER GROUND HORSEPOWER

IDENTIFICATION ISOLATED GROUND JUNCTION BOX KILO VOLT AMPS=1000VA LIGHTING CONTACTOR LONG CONTINUOUS LOAD

LOW VOLTAGE METER

METAL CLAD

MIN. MINIMUM

MAIN TELEPHONE BACKBOAR MOUNTING MEDIUM VOLTAGE MAN HOLE MANUFACTURER NATIONAL ELECTRICAL COD NEW NOT IN CONTRACT

NIGHT LIGHT NORMALLY OPEN NORMALLY CLOSED OVERHEAD POWER OR POLE PROVIDED BY OTHERS PANEL

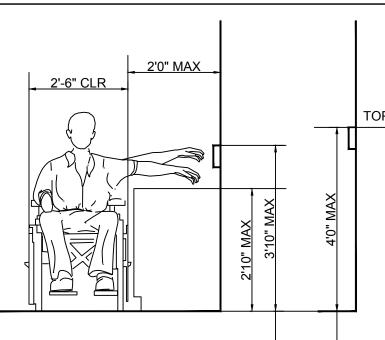
RIGID GALVANIZED STEEL CONDUIT ROOM SYSTEM NEUTRAL SURGE PROTECTION DEVICE TIME CLOCKS TELEPHONE TERMINAL BOAR

TELEPHONE TERMINAL CARINET TRANSFORMER TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR TYPICAL UNDERGROUND

UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED UNSW UNSWITCHED VOLTS/VOLTAGE VOLT AMPS VOLTAGE DROP WATTS/WATTAGE OR WIRE WEATHERPROOF WITH EXISTING (X)

PHASE

MOUNTING HEIGHT OVER OBSTRUCTION



TOP OF THERMOSTAT SWITCH, OUTLET CONTROL & THERMOSTAT, SWITCH,

PROJECT AREA



5 0 OUTLET, CONTROL -

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No. E 8340 ♀

Exp. 09/30/2020

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Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18562 PAPER SIZE 36"x24"

GENERAL NOTES

I" CONDUIT MINIMUM IF UNDERGROUND (CONTRACTOR TO

SWITCH WITH PILOT LIGHT @ 42" AFF

SWITCH MOUNTED @ +42" AFF MOTOR RATED SWITCH

COLOR CODE FOR CONDUCTORS

NEC #310-8 ADJUSTMENT FACTORS

PERCENT OF VALUES IN TABLES
AS ADJUSTED FOR AMBIENT

EXCEPTION NO. 2: FOR CONDUCTORS INSTALLED IN CABLE TRAYS, THE PROVISIONS OF SECTION 318-11 SHALL APPLY

EXCEPTION NO. 4: DERATING FACTORS SHALL NOT APPLY TO UNDERGROUND CONDUCTORS ENTERING OR LEAVING AN OUTDOOR TRENCH IF THOSE CONDUCTORS HAVE PHYSICAL PROTECTION IN THE FORM OF

EXCEPTION NO. 5: FOR OTHER LOADING CONDITIONS, ADJUSTMENT

OR CABLE WITH LOAD DIVERSITY.

KEY MAP

A G

E100

 $\mathbf{T} \mathbf{P} \mathbf{O} \neq 0$ Sheet No.

STATE OF CALIFORNIA STATE OF CALIFORNIA STATE OF CALIFORNIA Outdoor Lighting **Outdoor Lighting** Outdoor Lighting CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE Project Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS Project Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.2, §140.7, and §141.0(b)2L for outdoor lighting scopes using the prescriptive path. Page 5 of 6 Proiect Address: 104 DURLEY AVENUE Project Address: 104 DURLEY AVENUE Project Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS 7-17-2020 7-17-2020 Report Page: Project Address: 104 DURLEY AVENUE M. LIGHTING ALLOWANCE: PER SPECIFIC AREA G. CUTOFF REQUIREMENTS (BUG) A. GENERAL INFORMATION This Section Does Not Apply Table Instructions: Complete this table for fixtures of \geq 6,200 initial luminaire lumens indicated on Table F as needing to comply with Cutoff Requirements. Maximum lumens 01 Project Location (city) 04 Total Illuminated Hardscape Area (ft²) 11,520 can be found in Title 24, Part 11, Section 5.106.8. N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) 02 Climate Zone 03 Outdoor Lighting Zone per Title 24, Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ): This Section Does Not Apply Field Backlight Rating² Uplight Rating² Glare Rating² LZ-0: Very Low - Undeveloped Parkland LZ-2: Moderate - Rural Areas LZ-4: High - Must be reviewed by CA Energy Commission for Approval Inspector O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION LZ-1: Low - Developed Parkland ✓ LZ-3: Moderately High - Urban Areas Name or Item Tag Description Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Allowable Rating Allowable Rating Mounting Height from Mounting Height | Allowable | Rating B. PROJECT SCOPE Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/ Property Line¹ Backlight Per Backlight | Per | from Property Line¹ | Table Instructions: Include any outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/ Rating³ Design Rating³ Design Rating³ Design outlined in <u>§140.7</u> or <u>§141.0(b)2L</u> for alterations. Field Inspector YES My project consists of: > 2 MH from property > 2 MH from Pass Fail led pole light No Limit Area Lighting property line NRCI-LTO-01-E - Must be submitted for all buildings. New Lighting System Must Comply with Allowances from §140.7 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes NRCI-LTO-02-E - Must be submitted for a lighting control system; or for an Energy Management Control System (EMCS), to be ¹ FOOTNOTES: Mounting Height is labeled MH in this table ² Authority having jurisdiction may ask for luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE ³ BUG ratings with a lower number than the 'Max Allowable' are compliant. Ex. If Max Allowable is Bug Rating is B4, then B0, B1, B2, B3 and B4 are all compliant. Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires. Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100 Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.htm Table Instructions: Complete this table demonstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance. Field Inspector YES Pass Fail Calculation of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)2 **Compliance Results** When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank. For each requirement in columns 02 through 04, do not leave the field blank, instead select NA or Exempt* from the NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls area added to ≤ 20 dropdown list to indicate not applicable or an exemption. General Per Specific Hardscape Mandatory Controls Application Frontage Area OR Power **Total Allowed Total Actual** §140.7(d)2 07 Must be ≥ 08 §140.7(d)2 §140.7(d)2 §140.7(d)2 §141.0(b)2L (Watts) (Watts) §140.7(d)1 Auto-Schedule Field Inspector Shut-Off **Motion Sensor** (See Table L) (See Table M) (See Table N) (See Table F Area Description §130.2(c)1 §130.2(c)2 §130.2(c)3 1,793 Pass Fail COMPLIES Cutoff Compliance (See Table G for Detail parking lot Astronomical Timer Controls Compliance (See Table H for Details COMPLIES *NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. EX: Not permitted by health & safety to be turned off; EXCEPTION 1 to $\S130.2(c)$. CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards STATE OF CALIFORNIA STATE OF CALIFORNIA STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSI19 **Outdoor Lighting Outdoor Lighting** Outdoor Lighting CALIFORNIA ENERGY COMMI NRCC-LTO-E (Created 11/19 NRCC-LTO-E (Created 11/19 NRCC-LTO-E (Created 11/19) CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE Project Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS roject Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS Project Name: OXNARD COLLEGE FIRE ACADEMY FIRE TECH APPARATUS Project Address: 104 DURLEY AVENUE Project Address: 104 DURLEY AVENUE 7-17-2020 Project Address: 104 DURLEY AVENUE DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 05 D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form I certify that this Certificate of Compliance documentation is accurate and complete Shut-Off Auto-Schedule **Motion Sensor** Field Inspector Area Description KENNETH W. LUCCI Documentation Author Signature: Kenneth Lucci §130.2(c)1 §130.2(c)2 §130.2(c)3 Documentation Author Name: No exceptional conditions apply to this project. Pass Fail LUCCI & ASSOCIATES, INC. Signature Date: 07/20/2020 Company: E. ADDITIONAL REMARKS 3251 CORTE MALPASO #511 CEA/ HERS Certification Identification (if applicable): I. LIGHTING POWER ALLOWANCE (per §140.7) This table includes remarks made by the permit applicant to the Authority Having Jurisdiction City/State/Zip: CAMARILLO, CA. 93012 Table Instructions: Please complete this table for areas using the RESPONSIBLE PERSON'S DECLARATION STATEMENT allowance calculations per <u>§140.7</u>. General Hardscape Allowance "Use it or lose it" Allowances (select all that apply) I certify the following under penalty of perjury, under the laws of the State of California: is per <u>Table 140.7-A</u> while "Use it or lost it" Allowances are per General 1. The information provided on this Certificate of Compliance is true and correct. <u>Table 140.7-B</u>. Indicate which allowances are being used to Hardscape F. OUTDOOR LIGHTING FIXTURE SCHEDULE Per Application Ornamental Per Specific Area 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of expand sections for user input. Luminaires that qualify for one of Allowance Table Instructions: For new or altered lighting systems demonstrating compliance with §140.7 (ie Table I has expanded for input), include all luminaires being installed and any the "Use it or lose it" allowances shall not qualify for another "Use Compliance (responsible designer) existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this it or lose it" allowance. method per \$141.0(b)2L (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. (ie, do not include existing luminaires remaining or existing luminaires being moved). 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable 06 07 08 09 04 05 Designed Wattage: compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. Area Wattage Allowance (AWA) 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available Area Description AWA + LWA Perimeter Cutoff Req. ≥ to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the 6,200 initial lumen Field Inspector Watts per | How Wattage is documentation the builder provides to the building owner at occupancy. Complete Luminaire Description number Luminaire Status³ per Design Watts 11,520 0.025 12,000 0.25 3,000 3,288 parking lot luminaire^{1,2} determined Responsible Designer Name: KENNETH W. LUCCI Responsible Designer Signature: Kenneth Lucci luminaires² §140.7(a) §130.2(b)⁴ Pass Fail LUCCI & ASSOCIATES, INC. Date Signed: 07/20/2020 led pole light Linear 163 Mfr. Spec¹ 1,793 Yes New Initial Wattage Allowance for Entire Site (Watts): 3251 CORTE MALPASO #511 E 8340 Total Designed Watts: 1,793 Total General Hardscape Allowance (Watts): 3,638 * NOTES: Selections with a * require a note in the space below explaining how compliance is achieved. City/State/Zip: CAMARILLO, CA. 93012 (805) 389-6520 EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b). J. LIGHTING ALLOWANCE: PER APPLICATION ¹ FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per <u>§130.0(c</u> This Section Does Not Apply ² For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet for the luminaire should be indicated in column 05 instead of number of K. LIGHTING ALLOWANCE: SALES FRONTAGE ³ Select "New" for new luminaires in a new outdoor lighting project or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select This Section Does Not Apply "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope L. LIGHTING ALLOWANCE: ORNAMENTAL ⁴ Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output ≥ 6,200 unless exempted by §130.2(b). This Section Does Not Apply November 2019 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019 CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards November 2019

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BUILDING

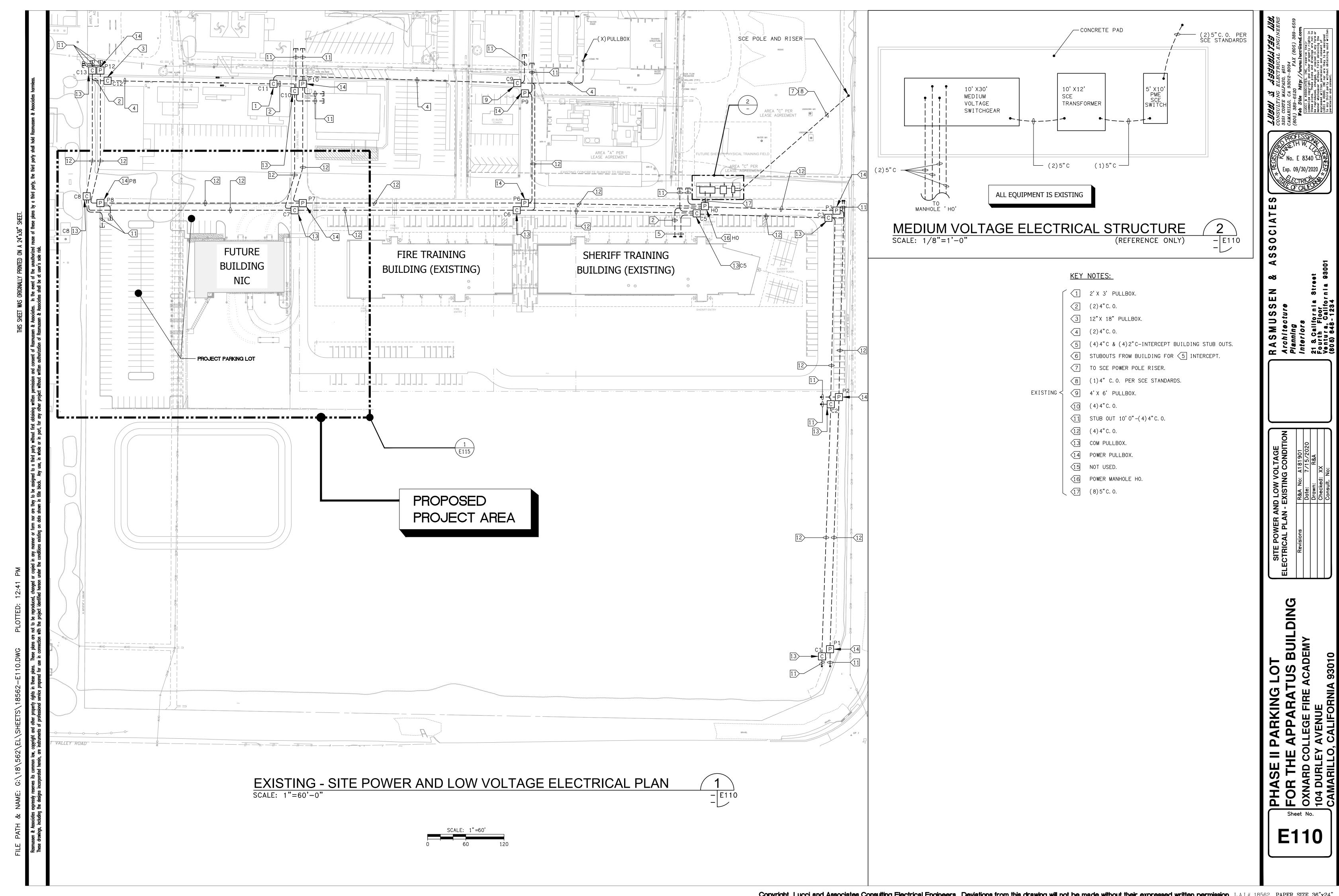
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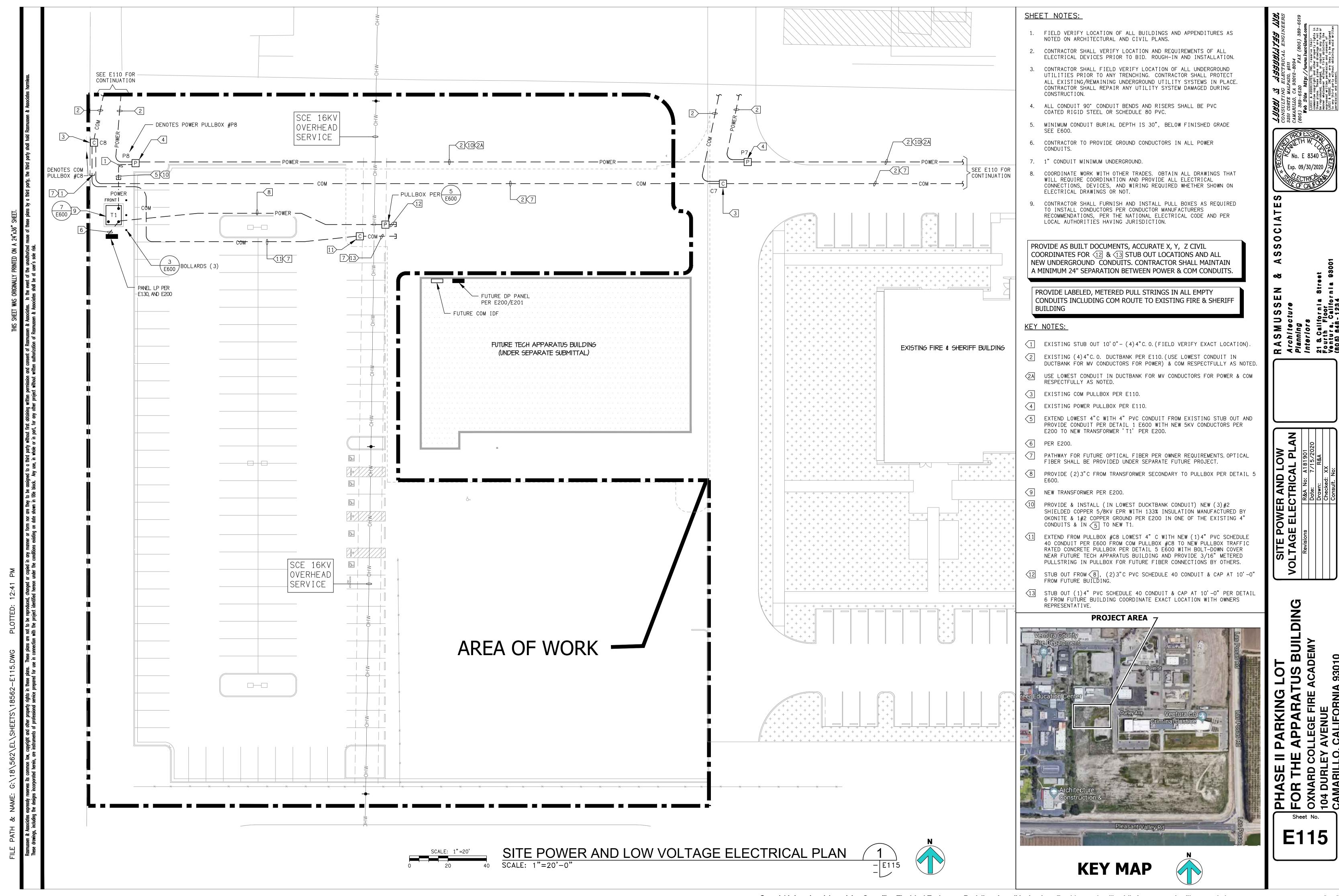
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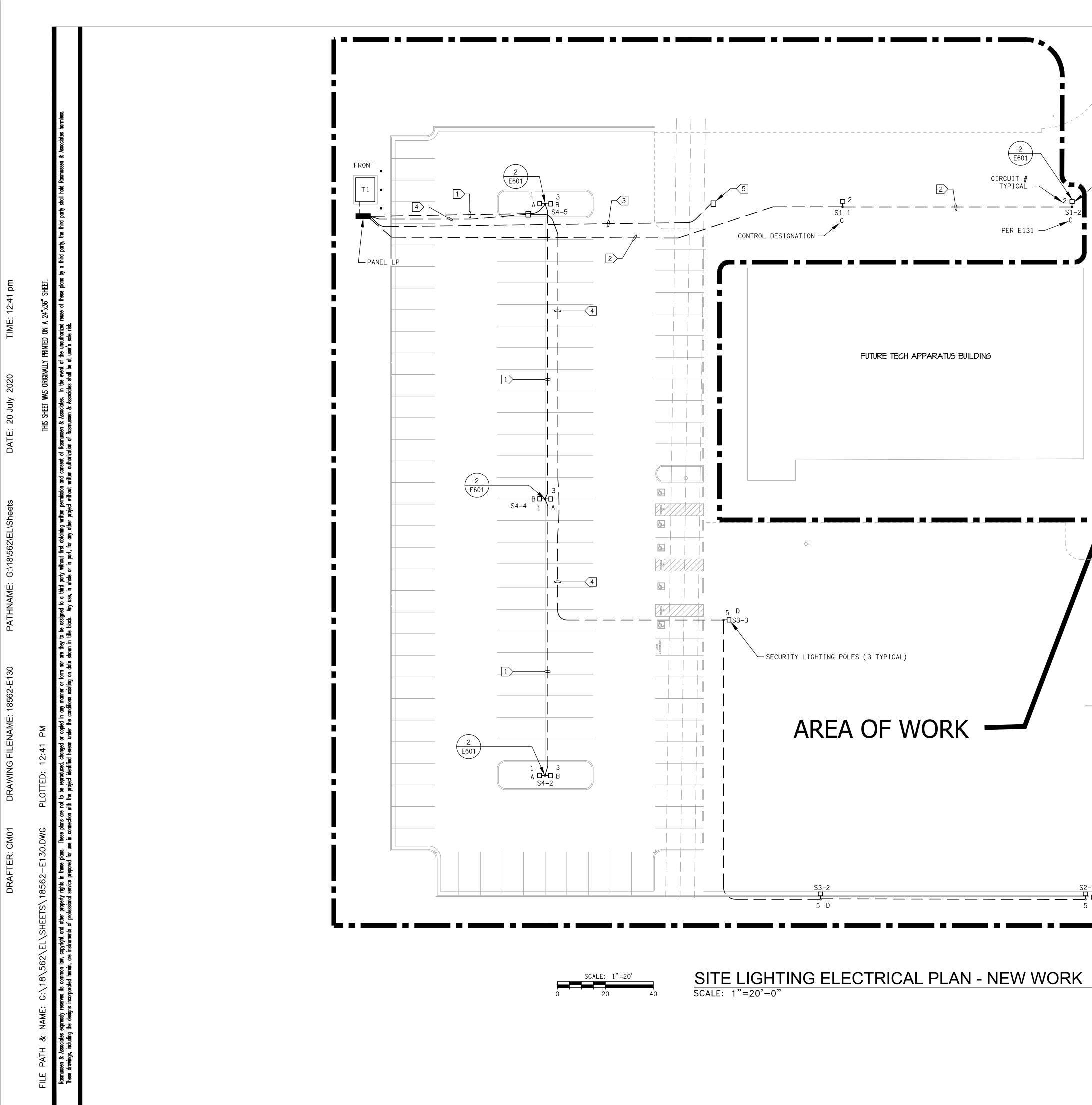
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Sheet No.

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SHEET NOTES:

SEE SHEET E131 FOR

FIXTURE/POLE TYPES

- 1. VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES ON ARCHITECTURAL AND CIVIL PLANS.
- 2. CONTRACTOR SHALL VERIFY LOCATION AND REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID. ROUGH-IN AND INSTALLATION.
- 3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UNDERGROUND UTILITY SYSTEMS IN PLACE. CONTRACTOR SHALL REPAIR ANY UTILITY SYSTEM DAMAGED DURING CONSTRUCTION.
- 4. ALL CONDUIT 90° CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL OR SCHEDULE 80 PVC.
- 5. MINIMUM CONDUIT BURIAL DEPTH IS 30", BELOW FINISHED GRADE.
- 6. CONTRACTOR TO PROVIDE GROUND CONDUCTORS IN ALL CONDUITS.
- 7. 1" CONDUIT MINIMUM UNDERGROUND.
- 8. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT.
- 9. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
- 10. NO SPLICES TO BE COMPLETED IN IN-GRADE PULLBOXES.

KEY NOTES:

- 1"C-4#10 & 1#10 GND. (CIRCUITS-LP-1, 3) FOR ZONE A AND B CONTRÖLLED LÏGHTS.
- 2 1"C-2#10 & 1#10 GND. (CIRCUIT-LP-2)FOR ZONE C CONTROLLED
- (2) 1"C.
- 1"C-4#10 & 1#10 GROUND (CIRCUIT LP-5 FOR ZONE D CONTROLLED
- 5 12"X18" BROOKS CONCRETE PULLBOX WITH CONCRETE LID (ALL TRAFFIC RATED).

ALL ITEMS ARE NEW U.O.N. AS EXISTING

PROVIDE AS BUILT DOCUMENTS, ACCURATE X, Y, Z COORDINATES FOR ALL UNDERGROUND CONDUIT LOCATIONS. CONTRACTOR SHALL MAINTAIN A MINIMUM 24" SEPARATION BETWEEN POWER & COM CONDUITS.



KEY MAP

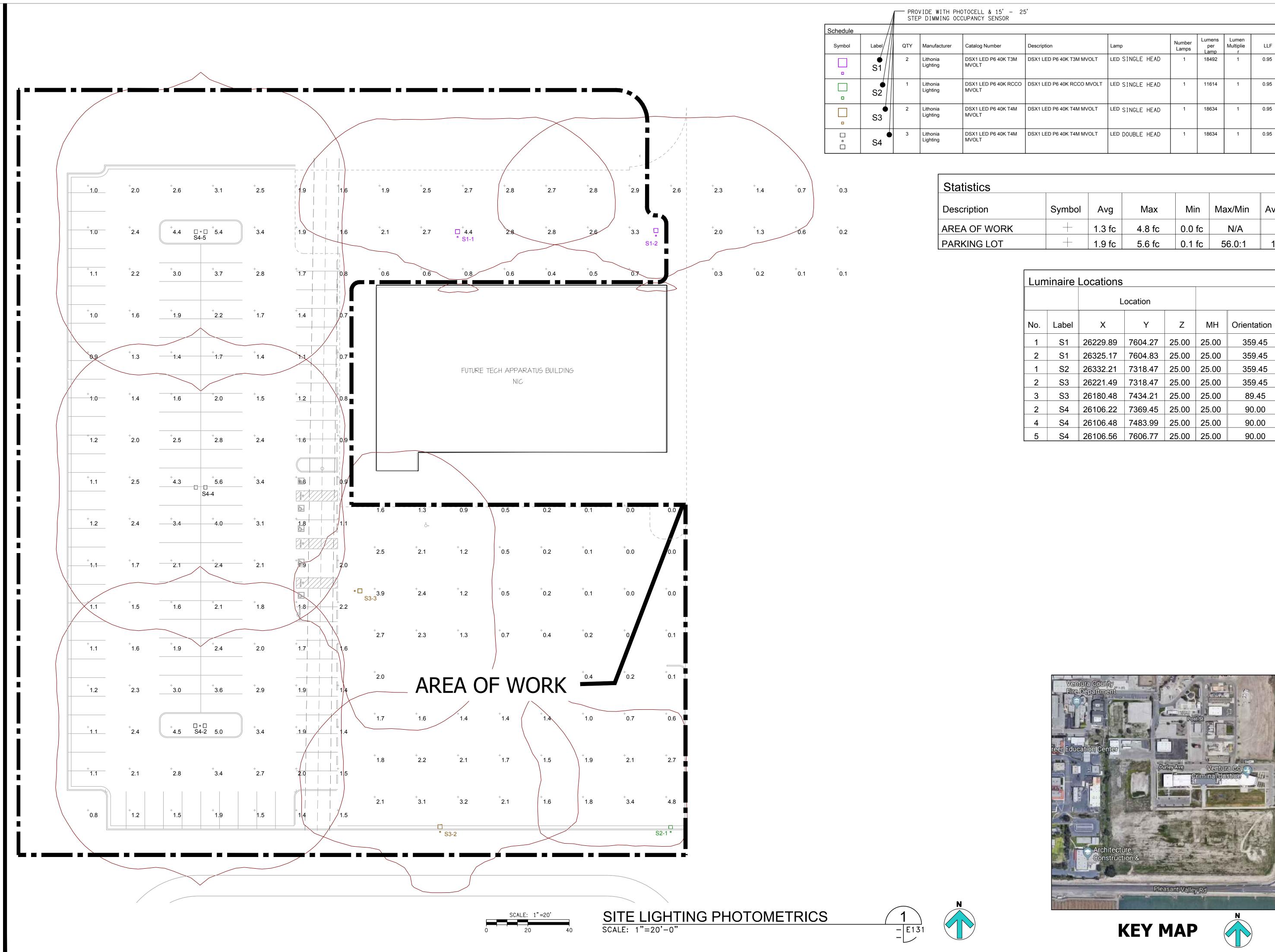


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Avg/Min

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BUILDING

E131

INSULTING ELECTRICAL ENGINES (17 CORTE MALPASO, #511

MARILLO, CA 93012-8094

5) 389-6520 FAX (805) 389-(800) 389-(8

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Exp. 09/30/20
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Planning
Interiors
21 & California Str
Fourth Floor

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RECTRICAL SINGLE

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LDING ELECTRICAL
LINE & PANEL (

Revisions | Red | Decorption | Red |

PHASE II PARKING LOT
FOR THE APPARATUS BUILDING
OXNARD COLLEGE FIRE ACADEMY
104 DURLEY AVENUE
CAMARILLO, CALIFORNIA 93010

Sheet No. **E200**

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- 3. NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED, BORED OR OTHER-WISE WEAKENED EXCEPT AS ALLOWED BY THE CALIFORNIA BUILDING CODE OR APPROVED BY THE ENGINEER.
- 4. THE ENGINEER SHALL BE NOTIFIED OF ANY UNUSUAL OR UNFORSEEN CONDITION WHICH EFFECTS THE STRUCTURAL STABILITY OF THE BUILDING PRIOR TO CONTINUING WITH CONSTRUCTION. SHOULD ANY CONDITION ARISE WHERE THERE APPEARS TO BE AN ERROR ON THE DRAWINGS OR A DISCREPANCY BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD, THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUING WITH THE WORK.
- 5. IN THE CASE WHERE TWO OR MORE DETAILS APPLYING TO THE SAME PART OF THE WORK ARE IN CONFLICT, THE MOST RESTRICTIVE SHALL GOVERN UNLESS CLARIFIED OR OTHERWISE APPROVED BY THE ENGINEER.

FOUNDATION

- 1. THERE IS NO SILS REPORT FOR THIS PROJECT AND AN ASSUMED SOIL BEARING VALUE OF 1,000 PSF, (NET), HAS BEEN USED IN THE DESIGN OF THE A/C PAD.
- 2. THE NEW GENERATOR PAD/MAT SHALL BEAR A MINIMUM OF 8" INTO FIRM, UNDISTURBED SOILS. THE CONTRACTOR SHALL RECOMPACT THE SOILS UNDERNEATH THE NEW PAD/MAT AS NECESSARY.

CONCRETE

- 1. ALL CONCRETE UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE HARDROCK CONFORMING TO ASTM C-94 WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF F'c = 2,500 PSI.
- 2. AGGREGATE FOR THE CONCRETE SHALL CONFORM TO ASTM C-33, INCLUDING APPENDIX "X1".
- 3. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS FOR MIXING, PLACING, FINISHING, CURING, AND PROTECTING CONCRETE DURING UNFAVORABLE WEATHER CONDITIONS.
- ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BAR CONFORMING TO ASTM A-615, GRADE 60 EXCEPT#3 BARS MAY BE GRADE 40.. ALL WELDED REINF. STEEL SHALL BE ASTM- A706. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY OTHER MATERIALS WHICH MIGHT AFFECT ITS BOND TO THE CONCRETE ALL BAR BENDS SHALL BE MADE COLD.
- 5. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
- 6. BAR SPLICES SHALL BE LAP SPLICES W/ MIN. 40 BAR DIAM. LAP W/ AN 18" MINIMUM, (WHICHEVER IS GREATER). STAGGER LAP SPLICES OF MULTIPLE BARS, (i.e. IN CONT. FOOTING W/ 2 HORIZ. BARS TOP AND BOTTOM STAGGER TOP BAR LAP SPLICES AND STAGGER BOTTOM BAR LAP SPLICES- SPLICES DO NOT HAVE TO BE STAGGERED BETWEEN TOP AND BOTTOM BARS).
- 7. REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE COVER, (UNLESS NOTED OTHERWISE IN DETAILS):
- 8. DRYPACK SHALL BE MIXED IN THE PROPORTIONS OF 1 PART PORTLAND CEMENT TO 2-1/2 PARTS SAND WITH ENOUGH WATER TO PRODUCE A STIFF MIX. DRYPACK SHALL BE THOROUGHLY TAMPED INTO PLACE TO ENSURE A DENSE FINISH, FREE OF VOIDS.
- 9. THE SLUMP OF THE CONCRETE SHALL BE THE MINIMUM THAT IS PRACTICABLE. WHEN VIBRATORS ARE USED TO CONSOLIDATE THE CONCRETE, THE SLUMP SHALL NOT EXCEED 4 INCHES, OTHERWISE THE SLUMP SHALL NOT EXCEED 6 INCHES.
- 10. ALL CONCRETE SHALL BE ADEQUATELY CONSOLIDATED DURING PLACEMENT AND ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.
- 11. EXCEPT WHERE INDICATED OTHERWISE, ALL REINFORCING STEEL SHALL BE BENT AND PLACED IN ACCORDANCE WITH THE "CODE OF STANDARD PRACTICE AND THE SPECIFICATIONS FOR PLACING REINFORCING STEEL" OF THE CONCRETE REINFORCING STEEL INSTITUTE.

- 6. REVIEW OF SHOP DRAWINGS MEANS REVIEW OF GENERAL METHOD OF FABRICATION ONLY. DIMENSIONS AND QUANTITIES MAY NOT BE CHECKED, AND REVIEW OF THE SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY SO INDICATED IN THE REVIEW.
- 7. THE ENGINEER HAS NOT BEEN RETAINED FOR SUPERVISION OR INSPECTION DURING CONSTRUCTION, BUT WILL RESOLVE STRUCTURAL ITEMS BROUGHT TO HIS ATTENTION DURING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO PROTECT PERSONNEL AND ADJACENT PROPERTY DURING CONSTRUCTION. THE CONTRACTOR SHALL ADEQUATELY BRACE ELEMENTS OF THE STRUCTURE DURING CONSTRUCTION TO INSURE THE SAFETY OF THE STRUCTURE.
- 9. (E) INDICATES EXISTING CONDITION OR MEMBER, (N) NEW.

SPECIAL INSPECTIONS

PROVIDE SPECIAL INSPECTION BY A LICENSED DEPUTY INSPECTOR APPROVED BY THE LOCAL BUILDING OFFICAL FOR THE FOLLOWING WORK IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE CALIFORNIA BUILDING CODE:

1. FOR ALL "POST INSTALLED" ANCHORS, (MECHANICAL EXPANSION BOLTS AND EPOXIED THREADED RODS ANCHOR).

EQUIPMENT ANCHORAGE

THE EQUIPMENT SHALL BE ANCHORED TO THE NEW 8" THICK CONCRETE MAT/SLAB WITH SIMPSON STRONG-BOLT 2 STAINLESS STEEL WEDGE ANCHORS PLACED IN THE EXISTING HOLES AT THE BASE OF THE EQUIPMENT PER THE TABLES BELOW:

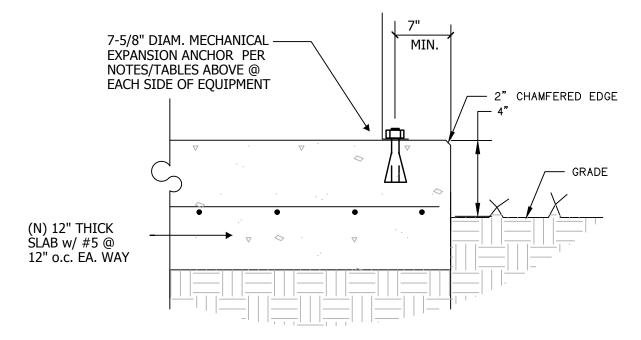
SIMPS	SON STAIN	LESS STEEL	_ STRONG-BOLT :	2
PRE-DRILLED	ANCHOR	MIN.	NOMINAL	TORG
HOLE SIZE	SIZE	HOLE	EMBED.	(FT.
IN EQUIP.		DEPTH	DEPTH	LB.)
DAGE				

ALL ANCHORS SHALL BE STANLESS STEEL SIMPSON STRONG-BOLT 2 EXPANSION ANCHORS INSTALLED PER ICC-ESR - 3037 w/ SPECIAL INSPECTION REQUIRED BY A LICENSED DEPUTY INSPECTOR

0.69" DIAM. | 5/8" DIAM.

THE CONTRACTOR SHALL LOCATE ALL EXISTING SLAB HORIZONTAL REINFORCING STEEL PRIOR TO DRILLING FOR EXPANSION ANCHORS TO AVOID DAMAGING SLAB REINF. STEEL.





- E600

TRANSFORMER INSTALLATION

SCALE: NTS

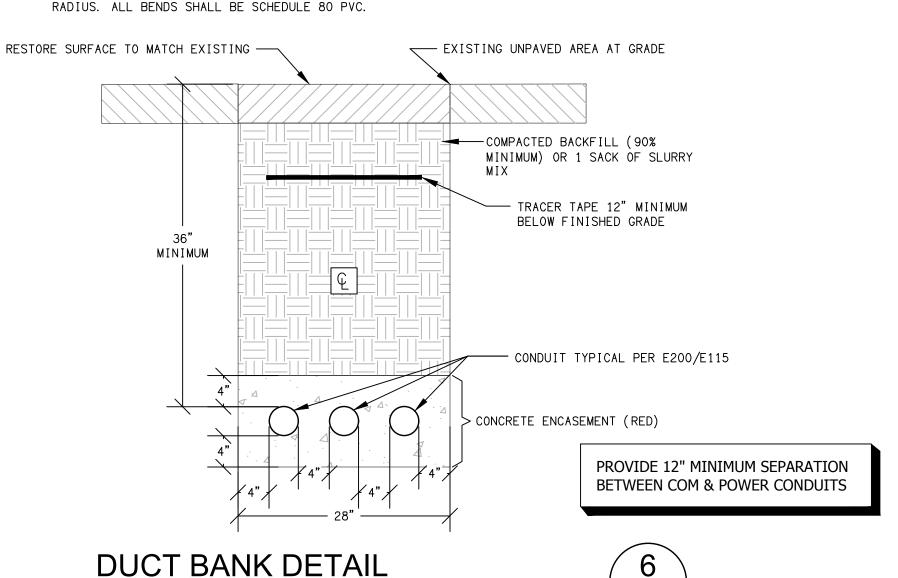
- E600

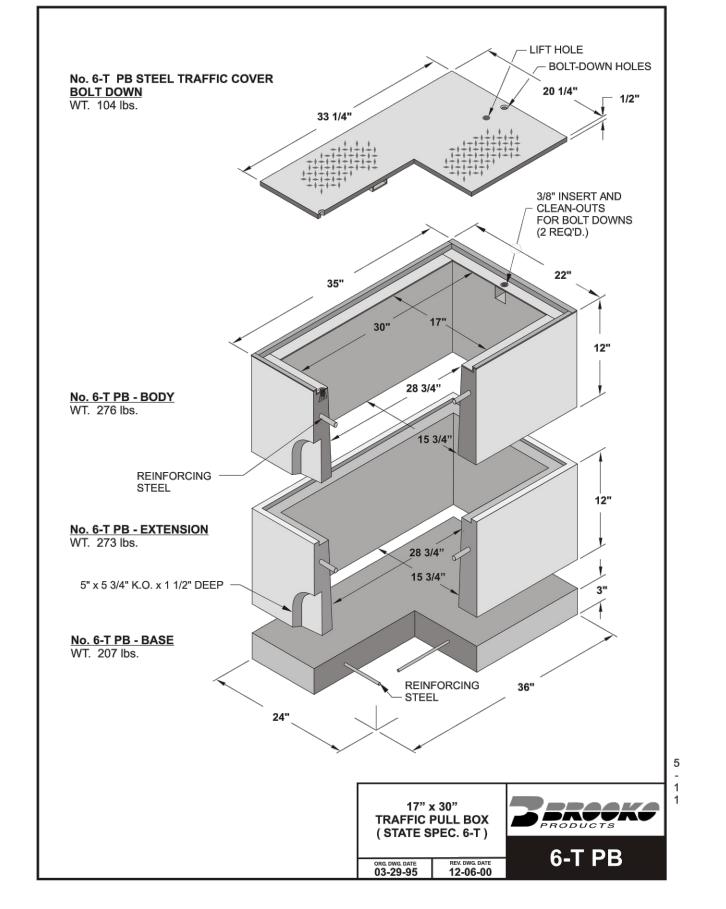
DETAIL NOTES:

1. ALL EMPTY CONDUITS TO BE PROVIDED WITH PULLWIRES THEIR ENTIRE LENGTH.

2. ALL CONDUITS BENDS SHALL BE FACTORY BENDS WITH MINIMUM 12 TIMES DIAMETER BEND

SCALE: NTS FIBER OR 600VAC CLASS CONDUCTORS

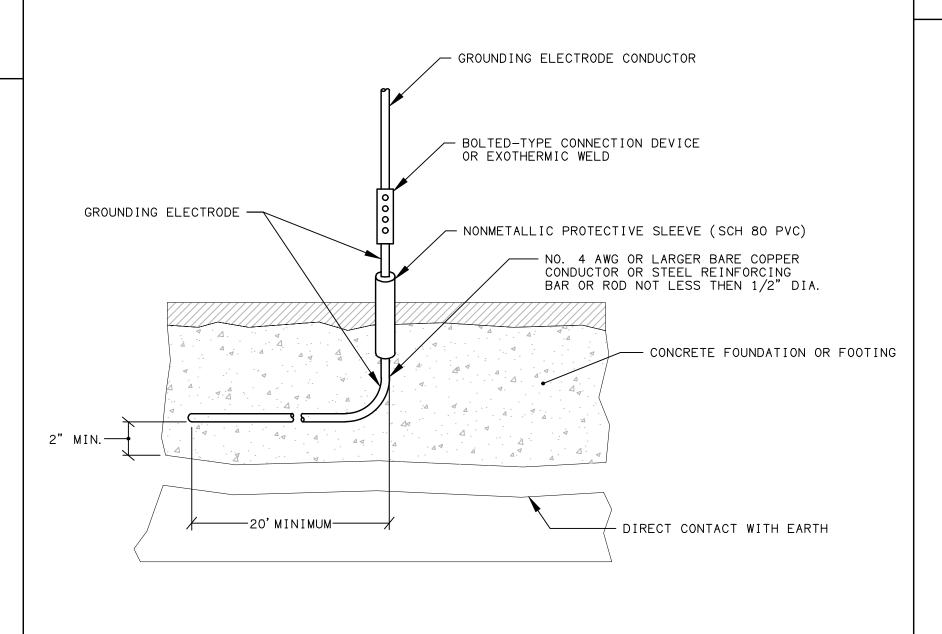




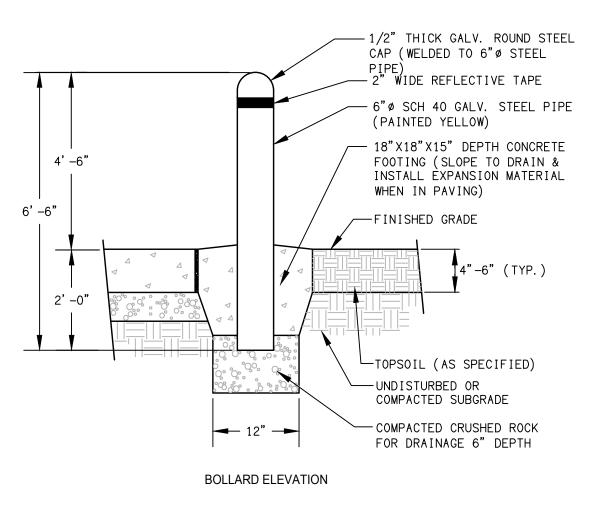


DETAIL NOTES:

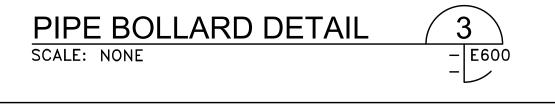
1. CONCRETE-ENCASED ELECTRODE: AN ELECTRODE ENCASED BY AT LEAST 2 INCHES OF CONCRETE. LOCATED WITHIN AND NEAR THE BOTTOM OF A CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH, CONSISTING OF AT LEAST 20 FEET (6.1 M) OF ONE OR MORE BARE OR ZINC GALVANIZED OR OTHER ELECTRICALLY CONDUCTIVE COATED STEEL REINFORCING BARS OR RODS OF NOT LESS THAN 1/2 INCH DIAMETER, OR CONSISTING OF AT LEAST 20 FEET OF BARE COPPER CONDUCTOR NOT SMALLER THAN NO. 4, SEE PLANS FOR SIZE OF CONDUCTOR IF GREATER THEN #4.

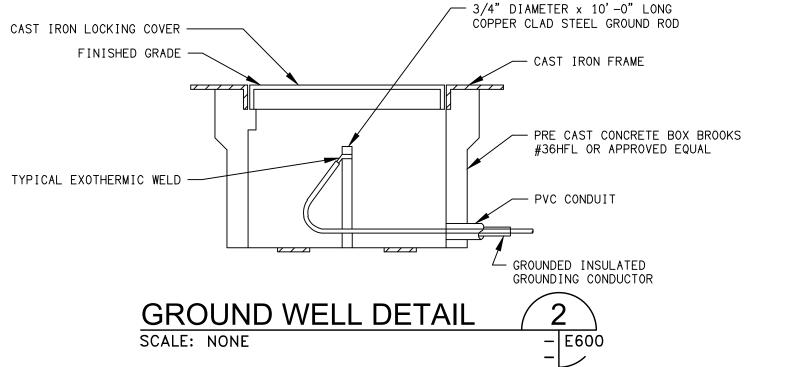






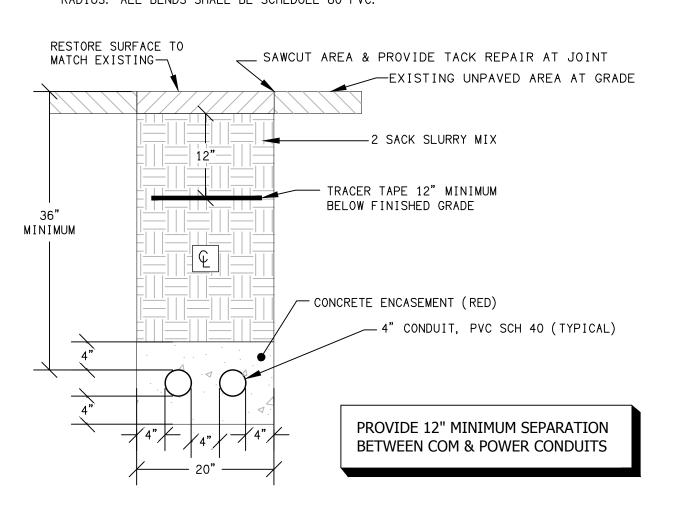
NOTE: All pipe sections shall constructed of schedule 40 steel pipe and all components shall be hot dipped galvanized after fabrication.





DETAIL NOTES:

- 1. ALL EMPTY CONDUITS TO BE PROVIDED WITH PULLWIRES THEIR ENTIRE LENGTH.
- 2. ALL CONDUITS BENDS SHALL BE FACTORY BENDS WITH MINIMUM 12 TIMES DIAMETER BEND RADIUS. ALL BENDS SHALL BE SCHEDULE 80 PVC.



DUCT BANK DETAIL

SCALE: NTS

5KV MEDIUM VOLTAGE CABLE

- E600

CONSULTING ELECTRICAL ENGIN 3251 CORTE MALPASO, #511
CAMARILLO, CA 93012—8094
(805) 389—6520
FAX (805) 389
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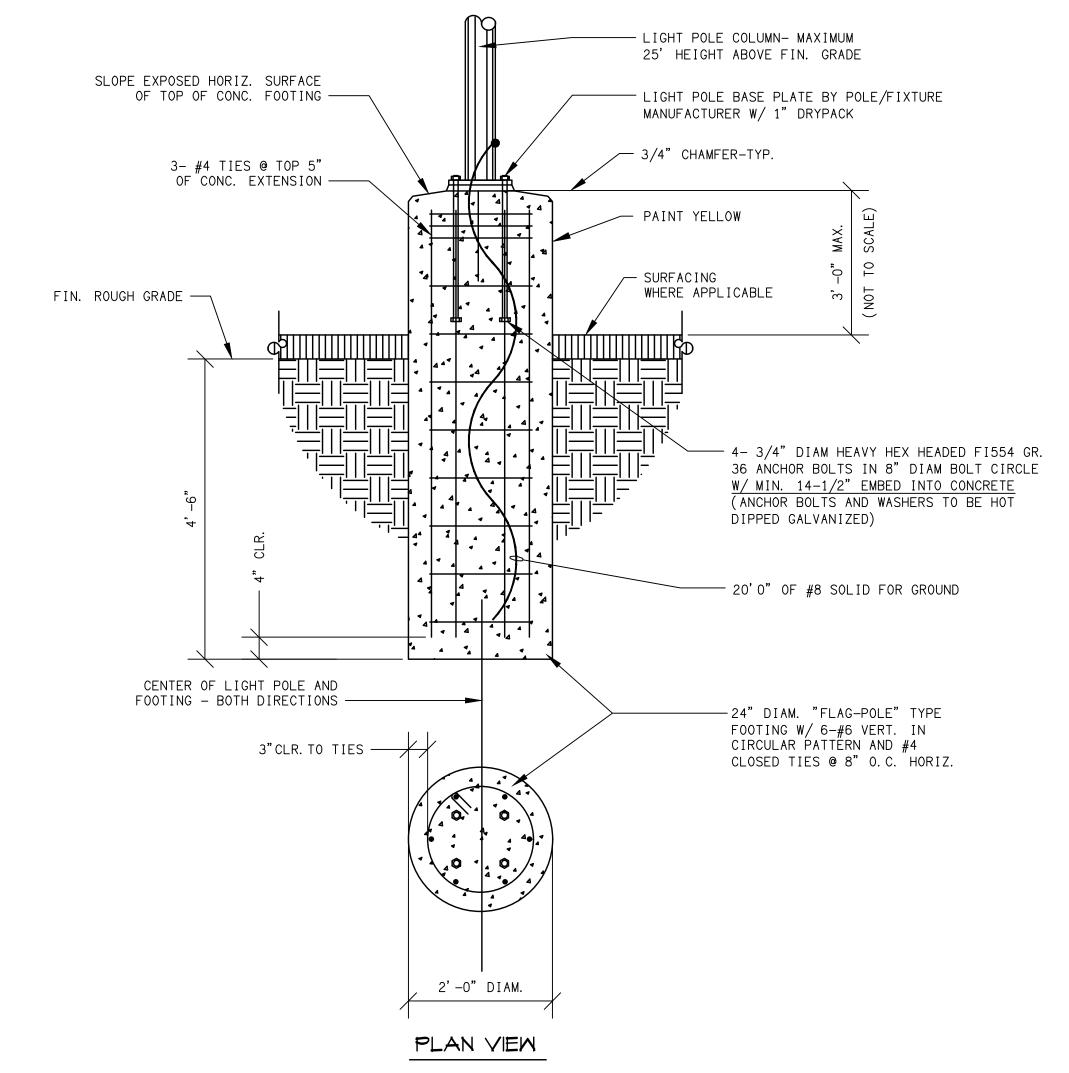
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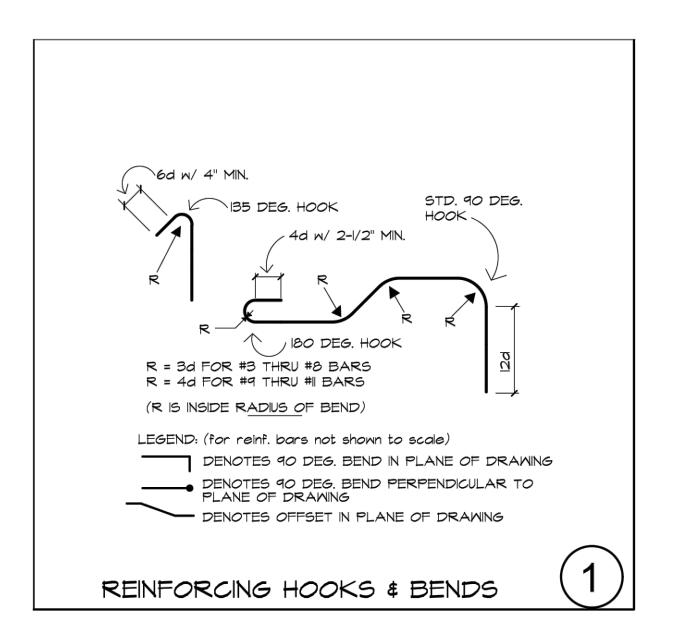
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NOT FOR DSA REVIEW



25' HIGH LIGHT POLE FOOTING



SCALE: 3/4" = 1-0"

GENERAL NOTES

GENERAL

- ALL WORK SHALL CONFORM WITH THE 2019 CALIFORNIA BUILDING CODE, (CBC), AND ALL LOCAL ORDINANCES.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING CONSTRUCTION AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES OR INCONSISTENCIES.
- 3. NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED, BORED OR OTHER-WISE WEAKENED EXCEPT AS ALLOWED BY THE CALIFORNIA BUILDING CODE OR APPROVED BY THE ENGINEER.
- 4. THE ENGINEER SHALL BE NOTIFIED OF ANY UNUSUAL OR UNFORSEEN CONDITION WHICH EFFECTS THE STRUCTURAL STABILITY OF THE BUILDING PRIOR TO CONTINUING WITH CONSTRUCTION. SHOULD ANY CONDITION ARISE WHERE THERE APPEARS TO BE AN ERROR ON THE DRAWINGS OR A DISCREPANCY BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD, THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUING WITH THE WORK.
- 5. IN THE CASE WHERE TWO OR MORE DETAILS APPLYING TO THE SAME PART OF THE WORK ARE IN CONFLICT, THE MOST RESTRICTIVE SHALL GOVERN UNLESS CLARIFIED OR OTHERWISE APPROVED BY THE
- 6. REVIEW OF SHOP DRAWINGS MEANS REVIEW OF GENERAL METHOD OF FABRICATION ONLY. DIMENSIONS AND QUANTITIES MAY NOT BE CHECKED, AND REVIEW OF THE SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY SO INDICATED IN THE REVIEW.
- 7. THE ENGINEER HAS NOT BEEN RETAINED FOR SUPERVISION OR INSPECTION DURING CONSTRUCTION, BUT WILL RESOLVE STRUCTURAL ITEMS BROUGHT TO HIS ATTENTION DURING CONSTRUCTION.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO PROTECT PERSONNEL AND ADJACENT PROPERTY DURING CONSTRUCTION. THE CONTRACTOR SHALL ADEQUATELY BRACE ELEMENTS OF THE STRUCTURE DURING CONSTRUCTION TO INSURE THE SAFETY OF THE STRUCTURE.

FOUNDATION

- THERE IS NO SOILS RPORT FOR THIS PROJECT AND AN ASSUMED BEARING VALUE OF 1,000 PSF, (NET), AND PASSIVE VALUE OF 100 PSF/FOOT WITH A 2x INCREASE PER CBC TABLE 1806.2 AND SEC. 1806.3.4 HAS BEEN USED IN THE DESIGN OF THE "FLAG POLE" TYPE FOOTINGS.
- 2. ALL FOOTINGS SHALL BE PLACED IN FIRM UNDISTURBED SOILS-RECOMPACT AS NECESSARY.

CONCRETE

- 1. ALL CONCRETE UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE HARDROCK CONFORMING TO ASTM C-94 WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF F'c = 2,500 PSI. (SPECIAL INSPECTION NOT REQUIRED DUE TO NATURE OF PROJECT- FLAG POLED FOOTINGS w/ MINOR CONCRETE STRESSES). CONCRETE MAY BE A PEA GRAVEL MIX.
- AGGREGATE FOR THE CONCRETE SHALL CONFORM TO ASTM C-33, INCLUDING APPENDIX "X1".
- 3. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS FOR MIXING, PLACING, FINISHING, CURING, AND PROTECTING CONCRETE DURING UNFAVORABLE WEATHER CONDITIONS.
- 4. ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60 EXCEPT#3 BARS MAY BE GRADE 40.. ALL WELDED REINF. STEEL SHALL BE ASTM- A706. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY OTHER MATERIALS WHICH MIGHT AFFECT ITS BOND TO THE CONCRETE ALL BAR BENDS SHALL BE MADE COLD.
- 5. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
- 6. ALL REINFORCING STEEL FOR THE "FLAG POLE" TYPE FOOTINGS SHALL BE ONE PIECE. SPLICES ARE NOT ALLOWED EXCEPT AS APPROVED BY THE ENGINEER.
- 7. REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE COVER, (UNLESS NOTED OTHERWISE IN DETAILS):
- CONCRETE POURED AGAINST EARTH...... CONCRETE BEAMS AND COLUMNS..... CONCRETE SLABS ABOVE GRADE...
- 8. DRYPACK SHALL BE MIXED IN THE PROPORTIONS OF 1 PART PORTLAND CEMENT TO 2-1/2 PARTS SAND WITH ENOUGH WATER TO PRODUCE A STIFF MIX. DRYPACK SHALL BE THOROUGHLY TAMPED INTO PLACE TO ENSURE A DENSE FINISH, FREE OF VOIDS.
- 9. THE SLUMP OF THE CONCRETE SHALL BE THE MINIMUM THAT IS PRACTICABLE. WHEN VIBRATORS ARE USED TO CONSOLIDATE THE CONCRETE, THE SLUMP SHALL NOT EXCEED 4 INCHES, OTHERWISE THE SLUMP SHALL NOT EXCEED 6 INCHES.
- 10. ALL CONCRETE SHALL BE ADEQUATELY CONSOLIDATED DURING PLACE-MENT AND ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.
- 11. EXCEPT WHERE INDICATED OTHERWISE, ALL REINFORCING STEEL SHALL BE BENT AND PLACED IN ACCORDANCE WITH THE "CODE OF STANDARD PRACTICE AND THE SPECIFICATIONS FOR PLACING REINFORCING STEEL" OF THE CONCRETE REINFORCING STEEL

ABREVIATIONS

		VIATIONS		
- NC NT O C- TRSNK M- - - EV- - - - -	ANCHOR BOLT BLOCKING BALCONY JOISTS BLOCK BEAM BOUNDRY NAIL BOTTOM CLEAR CONCRETE MASONRY COLUMN CEILING JOIST CONCRETE CONCRETE	GA- GALV HORIZ L.L.V L.L.H MAX- MIN- M.B (N)- NTS- O.C OPP R.J	GAUGE GALVANIZED HORIZONTAL LONG LEG VERTICAL LONG LEG HORIZONTAL MAXIMUM MINIMUM MACHINE BOLT NEW NOT TO SCALE ON CENTER OPPOSITE ROOF JOIST ROOF BEAM REFERENCE PREFAB ROOF TRUSSES REINFORCING STEEL SELECT STRUCTURAL SHEATHING STAGGER SIMILAR STANDARD STEEL TYPICAL TOP TOP OF SHEATHING TUBE SECTION UNLESS OTHERWISE NOTED WIDE FLANGE SHAPE WITH OUT	
-	SIMPSON HOLDOWN	VERT	VERTICAL	

SPECIAL INSPECTIONS

- PROVIDE SPECIAL INSPECTION BY A LICENSED DEPUTY INSPECTOR APPROVED BY THE LOCAL BUILDING OFFICAL FOR THE FOLLOWING WORK IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE CALIFORNIA BUILDING CODE:
- 1. FOR ALL CONCRETE WITH AN F'c OVER 2,500 psi.
- 2. FOR ALL REINFORCING STEEL WHICH IS PLACED IN CONCRETE WITH AN F'C
- 3. AS NOTED ELSEWHERE IN THE PLANS OR ON DETAILS.

PRIOR TO FINAL INSPECTION THE 'DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE' SHALL ASSEMBLE ALL FINAL SPECIAL INSPECTION REPROTS FROM EACH OF THE SPECIAL INSPECTION CATAGORIES AND SUBMIT A REPORT NOTING THAT ALL SPECIAL INSPECTION REQUIREMENTS HAVE BEEN COMPLETED WITH NO OUTSTANDING ISSUES.

S PHA FOF OXN, 104 D CAM, Sheet No.

Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18562 PAPER SIZE 36"x24"

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RASMU Architec Planning Interiors 21 & Callf Fourth Yentura, (805) 648-

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This determination is subject to review if disruption to FAA Operations should occur.

A separate notice to the FAA is required for any construction equipment, such as temporary cranes, whose working limits would exceed the height and lateral dimensions of your proposal.

This determination does not constitute FAA approval or disapproval of the physical development involved in the proposal. It is a determination with respect to the safe and efficient use of navigable airspace by aircraft and with respect to the safety of persons and property on the ground.

In making this determination, the FAA has considered matters such as the effects the proposal would have on existing or planned traffic patterns of neighboring airports, the effects it would have on the existing airspace structure and projected programs of the FAA, the effects it would have on the safety of persons and property on the ground, and the effects that existing or proposed manmade objects (on file with the FAA), and known natural objects within the affected area would have on the airport proposal.

This determination expires on December 30, 2021 unless:

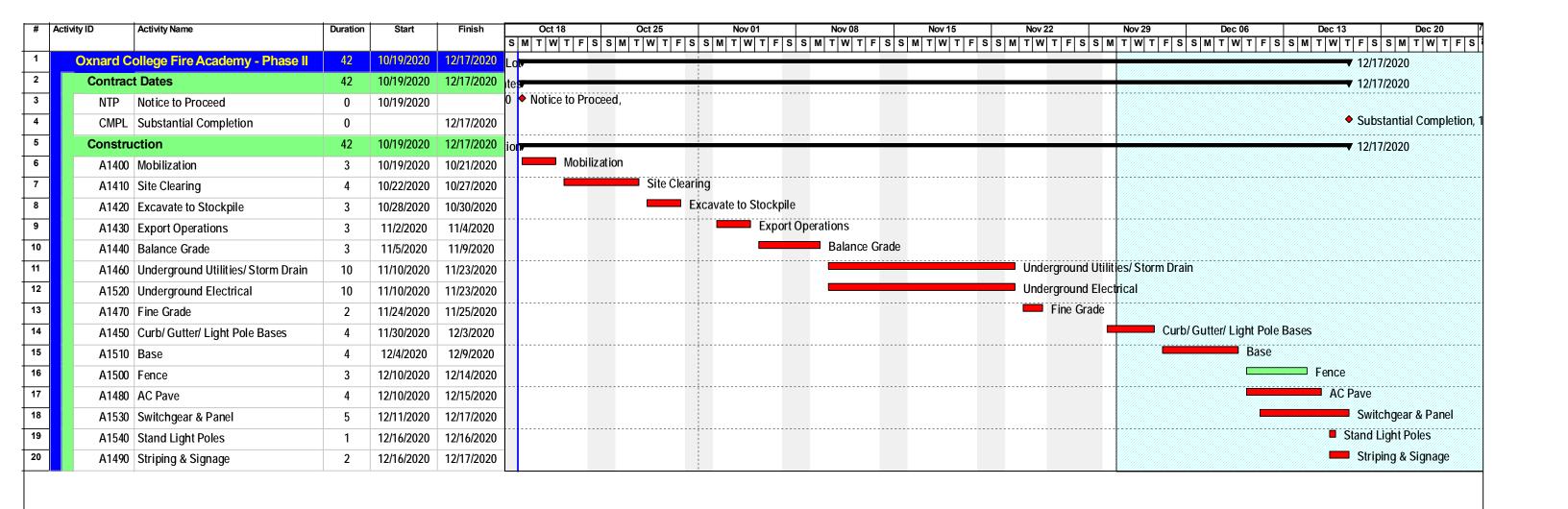
- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for the completion of construction, or the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be obtained at least 15 days prior to expiration date specified in this letter.

If you have any questions concerning this determination contact Lloyd E. Lewis (424) 405-7316 lloyd.e.lewis@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-AWP-3055-NRA.

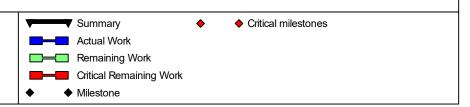
Lloyd E. Lewis DivUser

Signature Control No: 440597102-444240688



Staples Construction 1501 Eastman Avenue Ventura, California 93003 805 658-8786 Baseline Schedule Page 1 of 1

Data Date: 10/19/2020 Run Date: 10/21/2020 08:14 File: 1667.01.101920 1667.01.101920 TASK filter: All Activities Phase II Parking Lot
Oxnard College Fire Academy
104 Durley Ave
Camarillo, CA 93010



1667 VCCCD Fire Tech Building Phase II

WEEKLY PROGRESS UPDATE

November 13, 2020

PROJECT INFORMATION:

Name: VCCCD Bid 610 Fire Tech Bldg Ph II

Address: 104 Durley Ave
City/State/Zip Camarillo CA. 93010

Staples Job # 1667

PROJECT DESCRIPTION:

Industry Type: Civil

Construction Type: Total Square Footage:

Current	Milestone	Tasks:
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Task	Status	Start	Finish
Mobilize	90%	26-Oct	30-Oct
SWPPP's & Survey	80%	26-Oct	29-Oct
Rough In Parking Lot	100%	2-Nov	12-Nov
Balance Grade	50%	13-Nov	20-Nov
Sewer	0%	16-Nov	4-Dec
Electric	0%	17-Nov	Staples to Verify



Progress This Week

Balance grade complete. Currently in sub-grade finishing stages. Change Order 1 has been signed and survey has staked the limits of work. Staples forces will begin work on this once parking lot is balanced to +/-.10'. Burns Pacific has mobilized and awaiting a signed and approved water drawing from the City of Camarillo. Blum and Sons Electric is scheduled to start this coming Tuesday with their scope of work.

JOB-SITE SAFETY

Hazard Recognition and Safe Work Practices:

COVID-19: Staples continues to sceen using a touchless temperature check and verbal confirmation of symptom check. All workers are required to wear face coverings throughout the workday. **Road Delineators**: Orange delineators run along paved and are noted to need maintenance and readjustment. Traffic pumbs are installed along 2 way traffic to assist with speed reduction and to caution drivers. Construction signage with limited speed is recommended. **Rough Terrain**: Water truck is actively wetting down worksite to control dust and assist with excavation and grading work.









Project: 1699 618 FireTech Bldg Ph III

104 Durley Ave.
Camarillo, California 93010

WEEKLY PROJECT MEETING Agenda: Meeting #24

Meeting DateSep 2, 2021Meeting Time9:00 AM - 10:00 AM Pacific Time (US & Canada)

Meeting Location via SKYPE

Overview Agenda for the 09/02/21 project meeting.

Attachments

Scheduled Attendees

Name	Company	Phone Number	Email
Dragos Ursu	BNB Structural	(626) 204-1088	dragos@bnbstructural.com
Bryan Reeve	DSA Inspections	(805) 822-9228	bryanreeve@live.com
Anthony Mazzei	Earth Systems	(805) 642-6727	tmazzei@earthsystems.com
Rick Giroux	Jensen Design & Survey, Inc.	(805) 633-2222	rgiroux@jdscivil.com
Jay Lomagno	Rasmussen & Associates	(805) 648-1234 ext. 15	jlomagno@ra-arch.com
Catherine Wilson	Rasmussen & Associates	(805) 648-1234	c.wilson@rasmussenandassociates.com
Lee McElvaney	Staples Construction Company, Inc.	(805) 658-8786	Imcelvaney@staplesconstruction.com
Andrea Medina	Staples Construction Company, Inc.	(800) 881-4650	amedina@staplesconstruction.com
Rob Perks	Staples Construction Company, Inc.	(805) 658-8786	rperks@staplesconstruction.com
Adrian Serrato	Staples Construction Company, Inc.	(805) 658-8786	aserrato@staplesconstruction.com
Gary Siroky	Staples Construction Company, Inc.	(805) 658-8786	gsiroky@staplesconstruction.com
James Soliz	Staples Construction Company, Inc.	(805) 658-8786	jsoliz@staplesconstruction.com
David Staples	Staples Construction Company, Inc.	(805) 658-8786	david@staplesconstruction.com
David Gardner	Ventura County Community College Dist.	(805) 986-5880	dgardner@vcccd.edu
Matthew Jewett	Ventura County Community College Dist.	(805) 986-5800	mjewett@vcccd.edu
Mike Ketailey	Ventura County Community College Dist.	(805) 986-5800	michael_ketailey@vcccd.edu
Bob Sube	Ventura County Community College Dist.	(805) 986-5800 ext. 7621	bsube@vcccd.edu

HOT ITEMS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	HOT ITEMS				Open
	 Storage Site Co Durley South A Buildin MEP S Site Ut Durley Potention Potention O Under 	g Fasteners, Clips and Inspections tructural Coordination ilities at Durley Road Traffic Control ial DSA CCD's	/ill require a DSA CCD per Bryan Reeve 7/8. Cath CD per Bryan Reeve 7/8. Cathy BIC.	ny BIC.		

PROJECT SCHEDULE

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Safety / Logistics / Project Schedule				Open
	Description 09/02/21 Al: • Team to discuss the attached project schedule dated 08/26/21.					
	Attachments 1699.07.0826	s 621 - Project Schedule.pdf				

RFI's

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status	
3.1	1	RFI's				Open	
	Description 09/02/21 AI: • Team to review the attached Open RFI Log dated 09/01/21.						
	Attachments	s og - 9.1.21.pdf					

SUBMITTALS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Submittals				Open
	Description 09/02/21 AI: • Team t	o review the attached Open Submittal Loç	g dated 09/01/21.			

Project: 1699 618 FireTech Bldg Ph III

Attachments

1699 - Submittal Log - 9.1.21.pdf

OPEN & NEW BUSINESS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
5.1	1	Open & New Business				Open
	Description 09/02/21 AI: • Team t	o discuss any open and / or new business	s items.			

BILLING & CHANGE MANAGEMENT

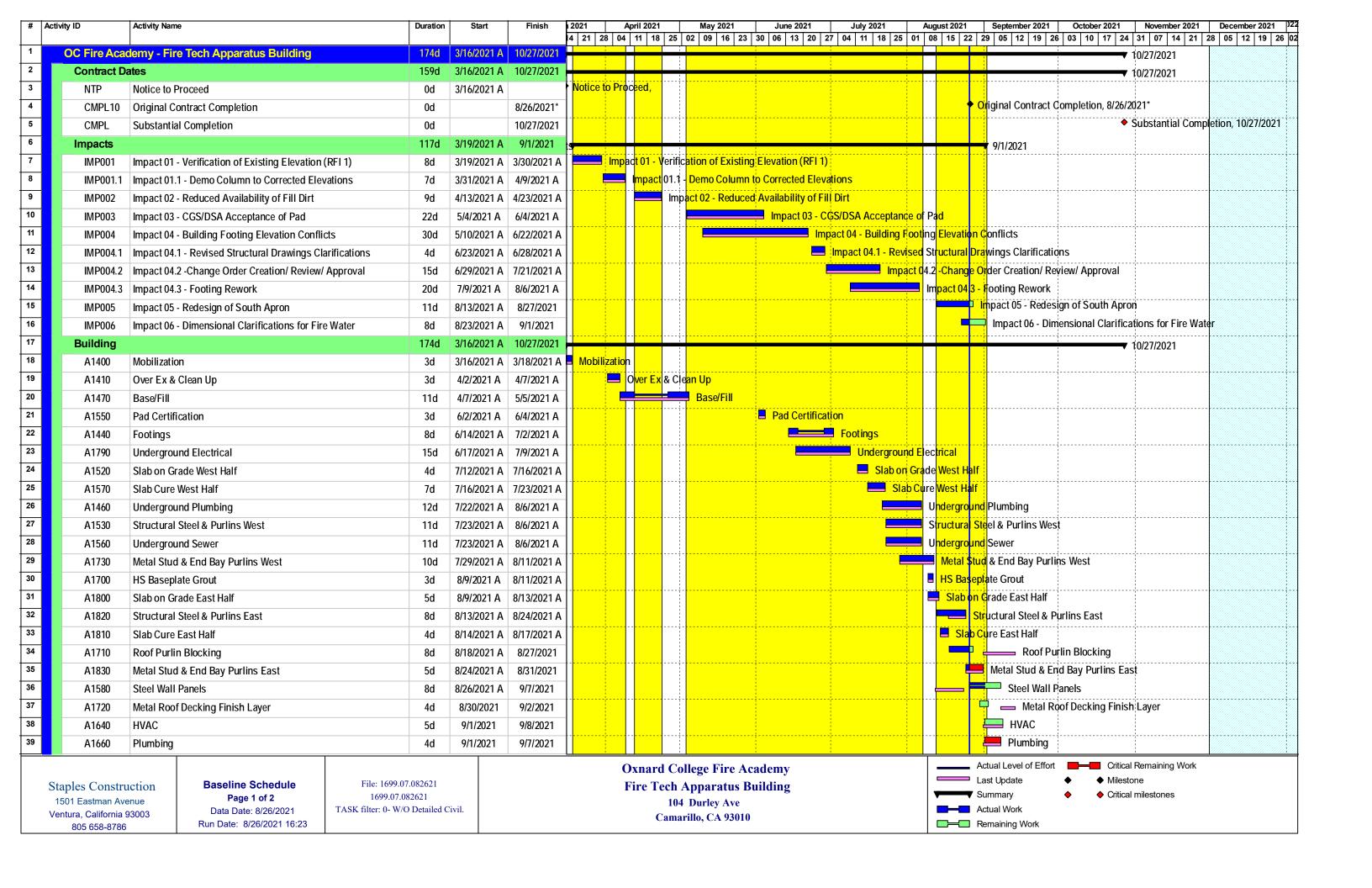
Mtg Origin	Title	Assignment	Due Date	Priority	Status					
1 Billing & Change Management Open Description 09/02/21 AI:										
	• • • •									
• CHAN	GE MANAGEMENT:									
0	The following PCO's have been approved	by VCCCD:								
 PCO 1 - Excavation Prep per Addendum 2 - issued 04/09/21. PCO 2 - Elevation of Existing Piles per RFI 6 - revised PCO issued to VCCCD on 06/09/21 PCO 4 - Hoist Operators for Roll-Up Doors - issued 05/19/21. PCO 5 - Phase III Sewer Scope - issued 05/25/21. PCO 6 - Removal of Fencing Scope - issued 06/08/21. PCO 7 - Rain Drips @ Man Doors - Issued 06/07/21. PCO 8 - Added General Conditions due to Schedule Impacts 1 thru 3 - issued 06/16/21 PCO 9 - Added Curb per RFI 5 - issued 06/16/21 PCO 10 - Added Electrical for Coiling Doors - issued 06/16/21 PCO 11 - Footing Revisions per DSA CCD #003 - issued 07/14/21 PCO 12 - Sewer Revisions Required per County - issued 07/14/21 										
0	, , ,									
 CCD 003 - Civil/ Site Work Added Scope Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue Added Paving at Durley Road Apron Revisions at Drive Bays Hose Bib Revisions 										
	Description 09/02/21 AI: BIILLIN CHAN	Description 09/02/21 Al: BillLING: July Application for Payment was issued and added Utility Scope per Description BillLING: July Application for Payment will be issued and added GC's / GR's Due to Added Paving at Durley Road BillLING: BillLING: July Application for Payment was issued and an approved and approved approved approved and approved app	Description 09/02/21 AI: BIILLING: July Application for Payment was issued 07/29/21; Staples is awaiting payment. August Application for Payment will be issued shortly. CHANGE MANAGEMENT: The following PCO's have been approved by VCCCD: PCO 1 - Excavation Prep per Addendum 2 - issued 04/09/21. PCO 2 - Elevation of Existing Piles per RFI 6 - revised PCO issued to VCCCD on 06 PCO 4 - Hoist Operators for Roll-Up Doors - issued 05/19/21. PCO 5 - Phase III Sewer Scope - issued 05/25/21. PCO 6 - Removal of Fencing Scope - issued 06/08/21. PCO 7 - Rain Drips @ Man Doors - Issued 06/07/21. PCO 8 - Added General Conditions due to Schedule Impacts 1 thru 3 - issued 06/16 PCO 9 - Added Curb per RFI 5 - issued 06/16/21 PCO 10 - Added Electrical for Coilling Doors - issued 06/16/21 PCO 11 - Footing Revisions per DSA CCD #003 - issued 07/14/21 PCO 12 - Sewer Revisions Required per County - issued 07/14/21 PCO 13 - Added Utility Scope per CCD 003 - issued 07/14/21 Staples is tracking the following potential Change Management items: CCD 003 - Civil/ Site Work Added Scope Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue Added Paving at Durley Road	Description 09/02/21 Al: BillLING: July Application for Payment was issued 07/29/21; Staples is awaiting payment. August Application for Payment will be issued shortly. CHANGE MANAGEMENT: The following PCO's have been approved by VCCCD: PCO 1 - Excavation Prep per Addendum 2 - issued 04/09/21. PCO 2 - Elevation of Existing Piles per RFI 6 - revised PCO issued to VCCCD on 06/09/21 PCO 4 - Hoist Operators for Roll-Up Doors - issued 05/19/21. PCO 5 - Phase III Sewer Scope - issued 05/25/21. PCO 6 - Removal of Fencing Scope - issued 06/08/21. PCO 7 - Rain Drips @ Man Doors - Issued 06/08/21. PCO 8 - Added General Conditions due to Schedule Impacts 1 thru 3 - issued 06/16/21 PCO 9 - Added General Conditions due to Schedule Impacts 1 thru 3 - issued 06/16/21 PCO 10 - Added Electrical for Coiling Doors - issued 06/16/21 PCO 11 - Footing Revisions per DSA CCD #003 - issued 07/14/21 PCO 12 - Sewer Revisions Required per County - issued 07/14/21 The following PCO's have been issued and are awaiting approval in order for Staples to proceed: PCO 13 - Added Utility Scope per CCD 003 - issued 08/26/21 Staples is tracking the following potential Change Management items: CCD 003 - Civil/ Site Work Added Scope Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue Added Paving at Durley Road	Description 09/02/21 Al: BillLING: July Application for Payment was issued 07/29/21; Staples is awaiting payment. August Application for Payment will be issued shortly. CHANGE MANAGEMENT: The following PCO's have been approved by VCCCD: PCO 1 - Excavation Prep per Addendum 2 - issued 04/09/21. PCO 2 - Elevation of Existing Piles per RFi 6 - revised PCO issued to VCCCD on 06/09/21. PCO 4 - Holst Operators for Roll-Up Doors - issued 05/19/21. PCO 5 - Phase III Sewer Scope - issued 06/08/21. PCO 6 - Removal of Fencing Scope - issued 06/08/21. PCO 7 - Rain Drips @ Man Doors - Issued 06/07/21. PCO 8 - Added General Conditions due to Schedule Impacts 1 thru 3 - issued 06/16/21 PCO 9 - Added Curb per RFI 5 - issued 06/16/21 PCO 10 - Added Electrical for Coiling Doors - issued 06/16/21 PCO 11 - Footing Revisions per DSA CCD #003 - issued 07/14/21 PCO 12 - Sewer Revisions Required per County - issued 07/14/21 The following PCO's have been issued and are awaiting approval in order for Staples to proceed: PCO 13 - Added Utility Scope per CCD 003 - issued 08/26/21 Staples is tracking the following potential Change Management items: CCD 003 - Civil/ Site Work Added Scope Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue Added Paving at Durley Road					

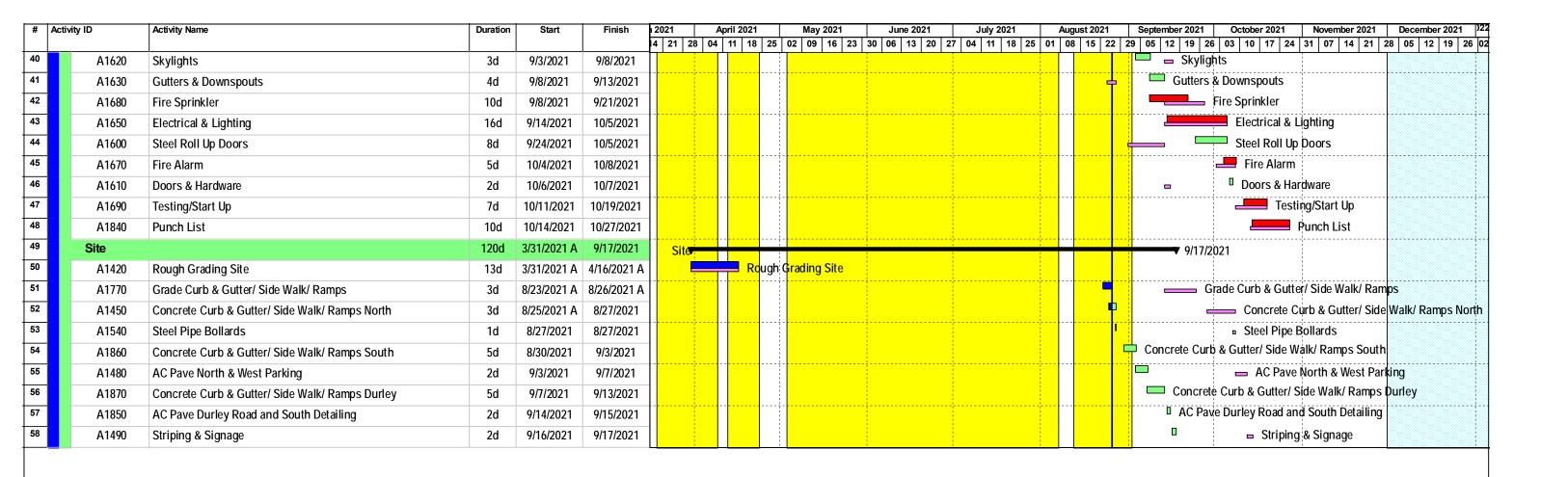
MEETINGS

Meeting #24 - WEEKLY PROJECT MEETING

Project: 1699 618 FireTech Bldg Ph III

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
7.1	1	Meetings				Open
	Description 09/02/21 AI: • The ne	ext meeting is Thursday 09/07/21 at 9am v	via Skype.			

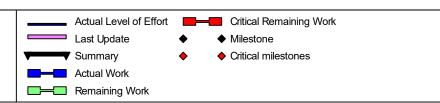




Staples Construction 1501 Eastman Avenue Ventura, California 93003 805 658-8786 Page 2 of 2
Data Date: 8/26/2021

Run Date: 8/26/2021 16:23

File: 1699.07.082621 1699.07.082621 TASK filter: 0- W/O Detailed Civil. Oxnard College Fire Academy
Fire Tech Apparatus Building
104 Durley Ave
Camarillo, CA 93010

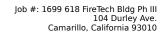




Job #: 1699 618 FireTech Bldg Ph III 104 Durley Ave. Camarillo, California 93010

RFI LOG

#	Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Code	Cost Impact
60	Exhaust Fan Support Detail	Open	Reed Mechanical S	Reed, Tom (Reed Mechanical Systems Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD		TBD
61	Apron Beyond Bay Door Thresholds	Open		None	Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD		TBD
66	Subgrade and Reinforcement at Flatwork	Open		None	Giroux, Rick (Jen Wilson, Catherine Mazzei, Anthony (08/24/2021	Rob Perks	08/27/2021		Perks, Rob (Stapl				
67	Fire Protection Attachment to Deck	Open	Maxx Fire Protect	Matamoros, Brian (Maxx Fire Protection, Inc.)	Wilson, Catherine	08/25/2021	Rob Perks	08/28/2021		Wilson, Catherine		TBD		TBD
68	Alternative Plumbing Hanger	Open		None	Wilson, Catherine	08/26/2021	Rob Perks	08/29/2021		Wilson, Catherine				
70	Screwing the Holes in Simpson Clips	Open	Knight Building S	Knight, John (Knight Building Systems, Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/27/2021	Rob Perks	08/30/2021		Perks, Rob (Stapl				





Submittal Packages

Spec Section	#	Rev.	Title	Туре	Status	Responsible Contractor	Submit By	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Final Due Date	Distributed Date
#230000	#230000 HVAC															
	2300008	0	HVAC SHOP DRAWINGS	Shop Drawing	Open	Reed Mechanical Systems Inc.		Ryan Reed		Catherine Wilson (Rasmussen	Rob Perks (Staples Construction Company, Inc.) Joseph McDowell (My Engineering Inc.) Catherine Wilson (Rasmussen & Associates)	i ciidiiig	08/26/2021 08/27/2021 08/27/2021	08/26/2021	09/03/2021	

Project: 1699 618 FireTech Bldg Ph III 104 Durley Ave.

104 Durley Ave. Camarillo, California 93010

WEEKLY PROJECT MEETING Minutes: Meeting #24

Meeting Date Sep 2, 2021 Meeting Time 9:00 AM - 10:00 AM Pacific Time (US & Canada)

Meeting Location via SKYPE

Overview Meeting Minutes for the 09/02/21 project meeting.

Notes

Attachments

Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Dragos Ursu	BNB Structural	(626) 204-1088	dragos@bnbstructural.com	Present
Bryan Reeve	DSA Inspections	(805) 822-9228	bryanreeve@live.com	Present
Anthony Mazzei	Earth Systems	(805) 642-6727	tmazzei@earthsystems.com	Present
Rick Giroux	Jensen Design & Survey, Inc.	(805) 633-2222	rgiroux@jdscivil.com	Present
Jay Lomagno	Rasmussen & Associates	(805) 648-1234 ext. 15	jlomagno@ra-arch.com	Present
Catherine Wilson	Rasmussen & Associates	(805) 648-1234	c.wilson@rasmussenandassociates.com	Present
Lee McElvaney	Staples Construction Company, Inc.	(805) 658-8786	Imcelvaney@staplesconstruction.com	Present
Andrea Medina	Staples Construction Company, Inc.	(800) 881-4650	amedina@staplesconstruction.com	Present
Rob Perks	Staples Construction Company, Inc.	(805) 658-8786	rperks@staplesconstruction.com	Present
Adrian Serrato	Staples Construction Company, Inc.	(805) 658-8786	aserrato@staplesconstruction.com	
Gary Siroky	Staples Construction Company, Inc.	(805) 658-8786	gsiroky@staplesconstruction.com	
James Soliz	Staples Construction Company, Inc.	(805) 658-8786	jsoliz@staplesconstruction.com	
David Staples	Staples Construction Company, Inc.	(805) 658-8786	david@staplesconstruction.com	
Doug Trapp	Staples Construction Company, Inc.	(800) 881-4650	dtrapp@staplesconstruction.com	Present
David Gardner	Ventura County Community College Dist.	(805) 986-5880	dgardner@vcccd.edu	
Matthew Jewett	Ventura County Community College Dist.	(805) 986-5800	mjewett@vcccd.edu	Present

Name	Company	Phone Number	Email	Attendance
Mike Ketailey	Ventura County Community College Dist.	(805) 986-5800	michael_ketailey@vcccd.edu	Present
Bob Sube	Ventura County Community College Dist.	(805) 986-5800 ext. 7621	bsube@vcccd.edu	Present

HOT ITEMS

No	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	HOT ITEMS				Open

Description

09/02/21 AI;

- · Introduce John Eggers
- · Storage Room Door Swing
- · Site Concrete Underlayment and Soil Prep
- · Durley Rd Civil Revisions
- · South Apron
- · Building Fasteners, Clips and Inspections
- · MEP Structural Coordination
- · Site Utilities at Durley
- · Durley Road Traffic Control
- · Potential DSA CCD's
 - o Phase III Sewer Sewer Sleeve per RFI 47. Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.
 - o Underground Electrical Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.
 - o Potential DSA CCD for Metal Stud Framing.

Official Documented Meeting Minutes

09/02/21 MM:

- The team introduced John Eggers, new Staples' Project Superintendent, who sill be assisting on this project.
- Storage Room Door Swing Per Cathy, if there is no closer, it can stay as-is. Delete the closer.
- Site Concrete Underlayment and Soil Prep Field meeting Rick and Tony on Monday. Confirmed that secondary slabs (walks and paving sections) the soil will be moistened and inspected per the soil report. Will have 4" of sand under the secondary slab. Per Tony, the sample for the sidewalk on the north side, showed that it is in the low expansion range, so the moisture conditioning was fine. Tony said the sand couldn't hurt but may only need 2" of sand versus the 4". But currently the call out is for 4".
- Durley Rd Civil Revisions Some issues were tackled at Monday's meeting with the Durley Road civil and paving. Staples will issue RFI's per Rick and Tony, to grind back Durley road to the center line and then patch back everything that is removed or replaced. As per Lee, Staples will sawcut break and remove west half of Durley for install of new sidewalk, in order to pour and set and cure. This work will be coordinated with VCCCD. Saw-cutting could take place as early as tomorrow.
- South Apron SCC is in need of the final design to price and to build. Per Cathy, Dragos' last drawing had full 30' with thickened edge. Still question on bending longitudinal bars for the bollard Dragos can stop bar prior to the bollard 30" on each side, or can slightly bend around the bollard either are acceptable. Cathy wrapping up the design for Staples.
- · South Apron Keyway The proposed attachment is via keyway. Rick to update the keyway detail and Cathy to respond to the RFI.
- Building Fasteners, Clips and Inspections there are a series of RFI's that will be wrapped into a CCD based on the deficiency list issued by Bryan this morning. Staples will notify the sub. Simpson Clips if not using all the screw holes need something from the engineer for the DSA field engineer. Per Jay, does the SE need to go back to the drawings and if the number of screws is not identified, then they update the details and plans to show number of screws required at each area. Or per Bryan,can we just direct sub to use all screw holes throughout? At tops at east and west walls there are screws that were missed that will have to be re-opened up based on direction to use all screw holes. The direction is to fill all the holes unless there is direction at an area to use otherwise. RFI response came back for the one clip at the blocking area; everything else the direction is to use all screw holes
- · Durley Road Traffic Control site utilities for west half of Durley to take place at same time of sidewalk install.
- · MEP Structural Coordination there will be a coordination meeting this morning at 10am onsite.
- Potential DSA CCD's
 - o Phase III Sewer Sewer Sleeve per RFI 47. Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.

- Project: 1699 618 FireTech Bldg Ph III
- o Underground Electrical Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.
- o Potential DSA CCD for Metal Stud Framing.

PROJECT SCHEDULE

No.	Mtg Origin	Title	Assignment	Due D	ate Priorit	y Status		
2.1	1 Safety / Logistics / Project Schedule Open							
	Description 09/02/21 AI: • Team to discuss the attached project schedule dated 08/26/21.							
		to discuss the attached project schedule	dated 08/26/21.					

- Team reviewed the attached project schedule dated 08/26/21. Building structure and slab is 100%. Working on skin of building. Working on site work at Durley. Will mobilize MEP trades over the coming week; electrician is already on site.
- Crosswalk from existing to new building Civil indicates 6' wide concrete walk. Per Cathy, the concrete sidewalk will be deleted and changed to a/c paving paint.

RFI's

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status	
3.1	1	RFI's				Open	
	Description 09/02/21 AI: • Team to review the attached Open RFI Log dated 09/01/21.						
	Attachments 1699 - RFI Log - 9.1.21.pdf						
	Official Documented Meeting Minutes 09/02/21 MM:						
	All iten	ns were discussed in the Hot List discussion	on.				

SUBMITTALS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Submittals				Open
	Description 09/02/21 AI: • Team	to review the attached Open Submittal Log	g dated 09/01/21.			
	Attachments	ttal Log - 9.1.21.pdf				

Official Documented Meeting Minutes

9/2/21 MM:

• The team reviewed the open submittal log; Cathy will review and respond to the open items.

OPEN & NEW BUSINESS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status	
5.1	1	Open & New Business				Open	
	Description 09/02/21 AI:						
	Team to discuss any open and / or new business items.						

Official Documented Meeting Minutes

09/02/21 MM:

- Wall on Gridline 2 between A&B on S1.1 (shaded wall indicating shear wall). On S1.2 there is a detail 2. On SD.5 indicating non-bearing wall with slip track at the top. Per Bryan, Dragos to review and clarify via email.
 - Rob has reached out to most of the teams and have called for a 10am call this morning for MEP design coordination to wrap up the discrepancies on hangers.
- Skylight Attachment Detail on A5.1 shows attachment method. Bryan has concerns with the assembly. Rob to research further on site. Staples to issue RFI.
- Building Color District had concern with color of the wall panels. Cool Granite Gray per approved submittal and per sub; awaiting color chip samples.

BILLING & CHANGE MANAGEMENT

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
6.1	1	Billing & Change Management				Open
0.1	Description 09/02/21 Al: • BIILLIN	NG: July Application for Payment was issued of August Application for Payment will be issued of August Application for Payment will be issued of Emanda of Emotion of Emanda of Emotion of	sued shortly. I by VCCCD: endum 2 - issued 04/09/21. per RFI 6 - revised PCO issued to VCCCD on 06 p Doors - issued 05/19/21. ssued 05/25/21. pe - issued 06/08/21. - Issued 06/07/21. s due to Schedule Impacts 1 thru 3 - issued 06/16 sued 06/16/21			Open
		 PCO 10 - Added Electrical for Coili PCO 11 - Footing Revisions per DS PCO 12 - Sewer Revisions Require 	SA CCD #003 - issued 07/14/21			
	0	The following PCO's have been issued ar	nd are awaiting approval in order for Staples to pr	roceed:		

- PCO 13 Added Utility Scope per CCD 003 issued 08/26/21
- Staples is tracking the following potential Change Management items:
 - CCD 003 Civil/ Site Work Added Scope
 - Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue
 - · Added Paving at Durley Road
 - · Apron Revisions at Drive Bays
 - Hose Bib Revisions

Official Documented Meeting Minutes

09/02/21 MM:

- · BIILLING:
 - July Application for Payment was issued 07/29/21; Staples is awaiting payment.
 - · August Application for Payment will be issued shortly.
- CHANGE MANAGEMENT:
 - The following PCO's have been approved by VCCCD:
 - PCO 1 Excavation Prep per Addendum 2 issued 04/09/21.
 - PCO 2 Elevation of Existing Piles per RFI 6 revised PCO issued to VCCCD on 06/09/21
 - PCO 4 Hoist Operators for Roll-Up Doors issued 05/19/21.
 - PCO 5 Phase III Sewer Scope issued 05/25/21.
 - PCO 6 Removal of Fencing Scope issued 06/08/21.
 - PCO 7 Rain Drips @ Man Doors Issued 06/07/21.
 - PCO 8 Added General Conditions due to Schedule Impacts 1 thru 3 issued 06/16/21
 - PCO 9 Added Curb per RFI 5 issued 06/16/21
 - PCO 10 Added Electrical for Coiling Doors issued 06/16/21
 - PCO 11 Footing Revisions per DSA CCD #003 issued 07/14/21
 - PCO 12 Sewer Revisions Required per County issued 07/14/21
 - The following PCO's have been issued and are awaiting approval in order for Staples to proceed:
 - PCO 13 Added Utility Scope per CCD 003 issued 08/26/21
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 - Apron Revisions at Drive Bays
 - Hose Bib Revisions

MEETINGS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
7.1	1	Meetings				Open
	Description 09/02/21 Al: • The ne	ext meeting is Thursday 09/07/21 at 9am v	via Skype.			
	Official Docu	umented Meeting Minutes :				

• The next meeting is confirmed for Thursday 09/07/21 at 9am via Skype.

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting.

Please contact Staples Construction if there are any discrepancies or questions with the content of these minutes.

Project: 1699 618 FireTech Bldg Ph III

104 Durley Ave.
Camarillo, California 93010

WEEKLY PROJECT MEETING Agenda: Meeting #25

Meeting Date Sep 9, 2021 Meeting Time 9:00 AM - 10:00 AM Pacific Time (US & Canada)

Meeting Location via SKYPE

Overview Agenda for the 09/09/21 project meeting.

Attachments

Scheduled Attendees

Name	Company	Phone Number	Email
Dragos Ursu	BNB Structural	(626) 204-1088	dragos@bnbstructural.com
Bryan Reeve	DSA Inspections	(805) 822-9228	bryanreeve@live.com
Anthony Mazzei	Earth Systems	(805) 642-6727	tmazzei@earthsystems.com
Rick Giroux	Jensen Design & Survey, Inc.	(805) 633-2222	rgiroux@jdscivil.com
Jay Lomagno	Rasmussen & Associates	(805) 648-1234 ext. 15	jlomagno@ra-arch.com
Catherine Wilson	Rasmussen & Associates	(805) 648-1234	c.wilson@rasmussenandassociates.com
Lee McElvaney	Staples Construction Company, Inc.	(805) 658-8786	Imcelvaney@staplesconstruction.com
Andrea Medina	Staples Construction Company, Inc.	(800) 881-4650	amedina@staplesconstruction.com
Rob Perks	Staples Construction Company, Inc.	(805) 658-8786	rperks@staplesconstruction.com
Adrian Serrato	Staples Construction Company, Inc.	(805) 658-8786	aserrato@staplesconstruction.com
Gary Siroky	Staples Construction Company, Inc.	(805) 658-8786	gsiroky@staplesconstruction.com
James Soliz	Staples Construction Company, Inc.	(805) 658-8786	jsoliz@staplesconstruction.com
David Staples	Staples Construction Company, Inc.	(805) 658-8786	david@staplesconstruction.com
Doug Trapp	Staples Construction Company, Inc.	(800) 881-4650	dtrapp@staplesconstruction.com
David Gardner	Ventura County Community College Dist.	(805) 986-5880	dgardner@vcccd.edu
Matthew Jewett	Ventura County Community College Dist.	(805) 986-5800	mjewett@vcccd.edu
Mike Ketailey	Ventura County Community College Dist.	(805) 986-5800	michael_ketailey@vcccd.edu
Bob Sube	Ventura County Community College Dist.	(805) 986-5800 ext. 7621	bsube@vcccd.edu

HOT ITEMS

Project:	1699	618	FireTech	Bldg	Ph III

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	HOT ITEMS				Open
	Durley South Buildir MEP S Site Ui Durley Buildir Skyligl Wall or Potent o Phase o Unde	g Fasteners, Clips and Inspections Structural Coordination tilities at Durley Road Traffic Control ag Color ant Attachment an Gridline 2 between A&B aial DSA CCD's se III Sewer - Sewer Sleeve per RFI 4	47. Will require a DSA CCD per Bryan Reeve 7 SA CCD per Bryan Reeve 7/8. Cathy BIC.	7/8. Cathy BIC.		

PROJECT SCHEDULE

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Safety / Logistics / Project Schedule				Open
	Description 09/09/21 Al: • Team t	to discuss the attached project schedule c	lated 08/26/21.			
	Attachments 1699.07.0826	s 621 - Project Schedule.pdf				

RFI's

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	RFI's				Open
	Description 09/09/21 Al: • Team	to review the attached Open RFI Log date	d 09/09/21.			
	Attachments 1699 - RFI Lo	g - 9.9.21.pdf				

SUBMITTALS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Submittals				Open
	Description 09/09/21 Al: • Team	to review the attached Open Submittal Loç	g dated 09/09/21.			

Project: 1699 618 FireTech Bldg Ph III

Attachments

1699 - Open Submittal Log - 9.9.21.pdf

OPEN & NEW BUSINESS

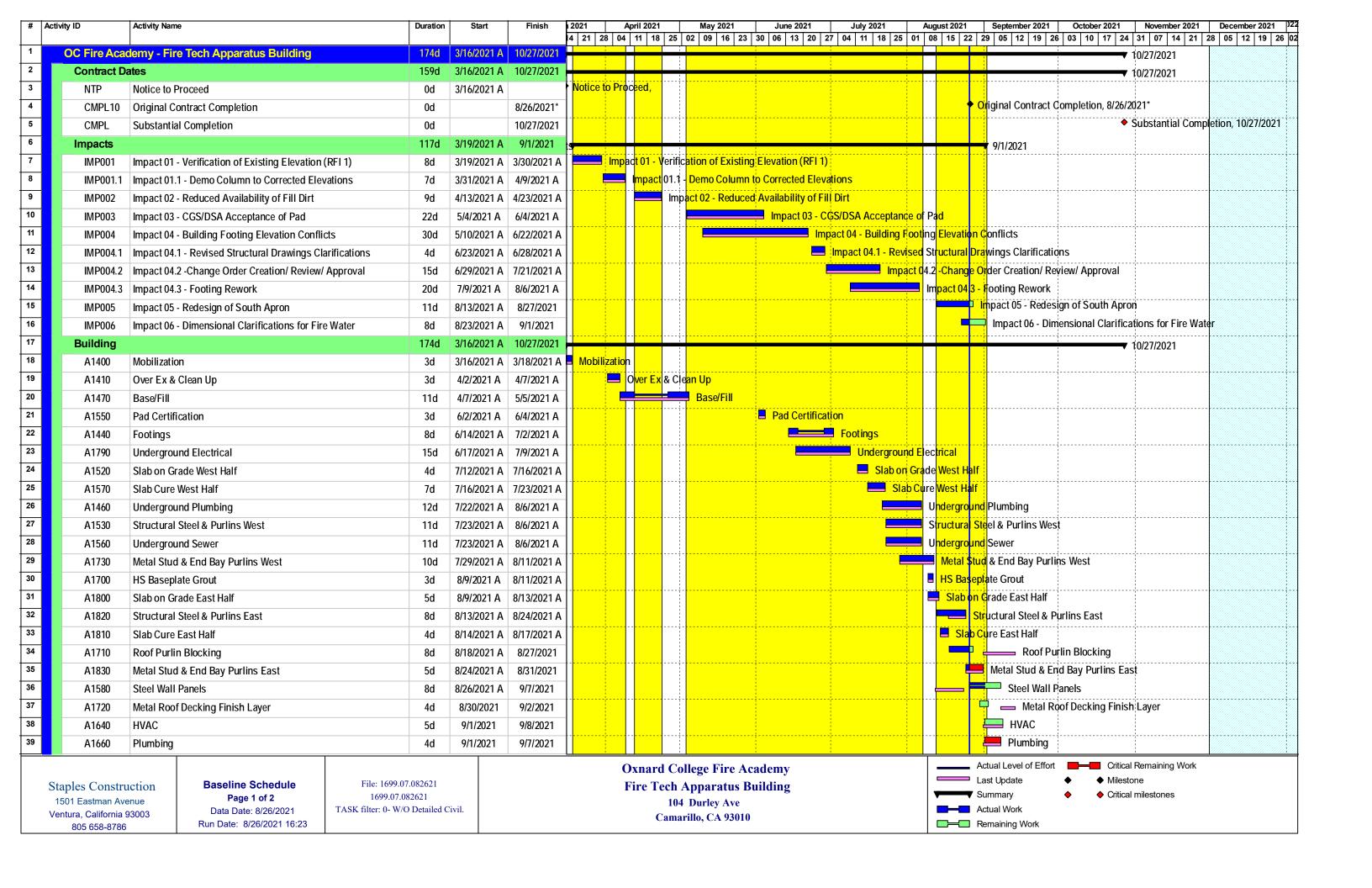
No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
5.1	1	Open & New Business				Open
	Description 09/09/21 AI: • Team t	o discuss any open and / or new business	s items.			

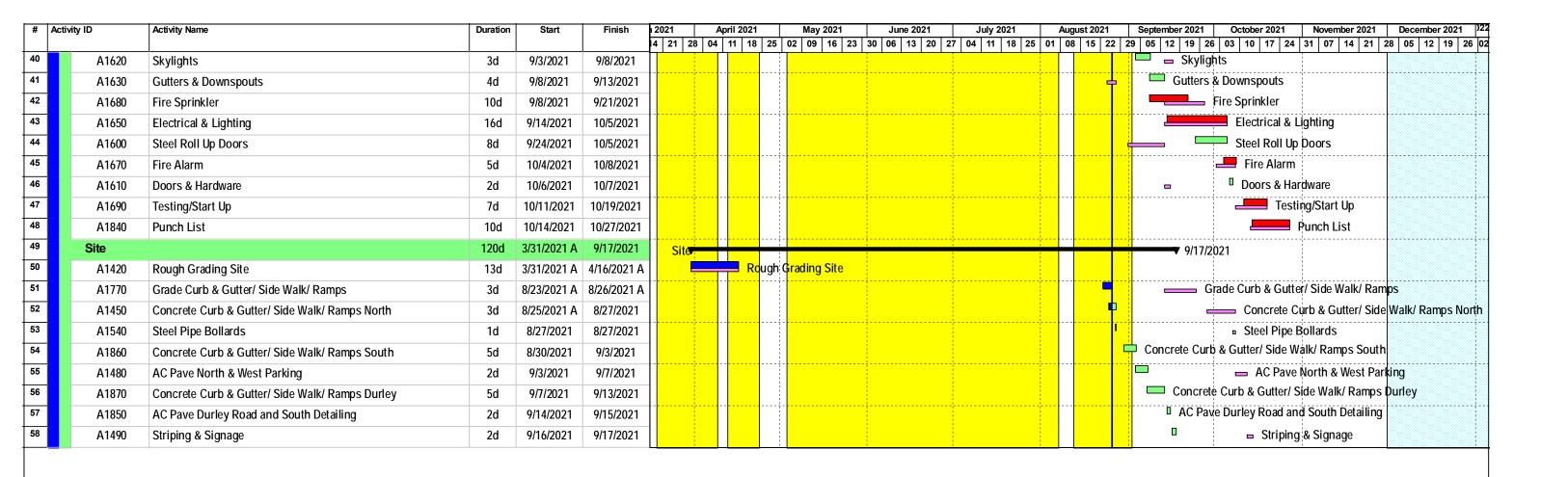
BILLING & CHANGE MANAGEMENT

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status			
6.1	1	Billing & Change Management				Open			
	Description 09/09/21 AI:								
	• BIILLIN	NG:							
	0	July Application for Payment was issued (August Application for Payment was issue CHANGE MANAGEMENT:							
	•	•							
	0	 PCO 4 - Hoist Operators for Roll-U PCO 5 - Phase III Sewer Scope - is PCO 6 - Removal of Fencing Scop PCO 7 - Rain Drips @ Man Doors PCO 8 - Added General Conditions PCO 9 - Added Curb per RFI 5 - is PCO 10 - Added Electrical for Coili PCO 11 - Footing Revisions per DS PCO 12 - Sewer Revisions Require The following PCO's have been issued an	per RFI 6 - revised PCO issued to VCCCD on 06 p Doors - issued 05/19/21. ssued 05/25/21. e - issued 06/08/21 Issued 06/07/21. s due to Schedule Impacts 1 thru 3 - issued 06/16/21 ng Doors - issued 06/16/21 SA CCD #003 - issued 07/14/21 ed per County - issued 07/14/21 and are awaiting approval in order for Staples to produce of the standard produce of the standa	5/21					
	0			Э					

MEETINGS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
7.1	1	Meetings				Open
	Description 09/09/21 Al: • The ne	ext meeting is Thursday 09/16/21 at 9am v	via Skype.			

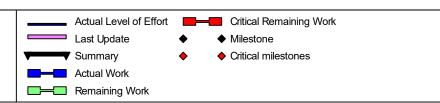




Staples Construction 1501 Eastman Avenue Ventura, California 93003 805 658-8786 Page 2 of 2
Data Date: 8/26/2021

Run Date: 8/26/2021 16:23

File: 1699.07.082621 1699.07.082621 TASK filter: 0- W/O Detailed Civil. Oxnard College Fire Academy
Fire Tech Apparatus Building
104 Durley Ave
Camarillo, CA 93010

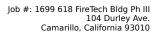




Job #: 1699 618 FireTech Bldg Ph III 104 Durley Ave. Camarillo, California 93010

RFI LOG

# Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Code	Cost Impact
60 Exhaust Fan Support Detail	Open	Reed Mechanical S	Reed, Tom (Reed Mechanical Systems Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD		TBD
61 Apron Beyond Bay Door Thresholds	Open		None	Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD		TBD
Subgrade and Reinforcement at Flatwork	Open		None	Mazzei, Anthony (Giroux, Rick (Jen Wilson, Catherine	08/24/2021	Rob Perks	08/27/2021		Perks, Rob (Stapl				
67 Fire Protection Attachment to Deck	Open	Maxx Fire Protect	Matamoros, Brian (Maxx Fire Protection, Inc.)	Wilson, Catherine	08/25/2021	Rob Perks	08/28/2021		Wilson, Catherine		TBD		TBD
68 Alternative Plumbing Hanger	Open		None	Wilson, Catherine	08/26/2021	Rob Perks	08/29/2021		Wilson, Catherine				
70 Screwing the Holes in Simpson Clips	Open	Knight Building S	Knight, John (Knight Building Systems, Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/27/2021	Rob Perks	08/30/2021		Perks, Rob (Stapl				





Submittal Packages

Spec Section	#	Rev.	Title	Туре	Status	Responsible Contractor	Submit By	Received From	Received Date	Ball In Court	Approvers	Response	Sent Date	Returned Date	Final Due Date	Distributed Date
#230000	HVAC															
	2300008		HVAC SHOP DRAWINGS	Shop Drawing	Open	Reed Mechanical Systems Inc.		Ryan Reed		Joseph McDowell (My Engineering Inc.)	Rob Perks (Staples Construction Company, Inc.) Joseph McDowell (My Engineering Inc.) Catherine Wilson (Rasmussen & Associates)	Approved Pending Approved As Noted	08/26/2021 08/27/2021 08/27/2021		09/03/2021	
#220000	PLUMBIN	G														
	220000-2	1	ALTERNATE HOSE BIBB	Product Information	Open	Cal Coast Plumbing		C.G. Miller		Rob Perks (Staples Construction Company, Inc.)	Rob Perks (Staples Construction Company, Inc.)	Pending	09/08/2021		09/10/2021	

Project: 1699 618 FireTech Bldg Ph III

104 Durley Ave.
Camarillo, California 93010

WEEKLY PROJECT MEETING Minutes: Meeting #25

Meeting DateSep 9, 2021Meeting Time9:00 AM - 10:00 AM Pacific Time (US & Canada)

Meeting Location via SKYPE

Overview Meeting Minutes for the 09/09/21 project meeting.

Notes

Attachments

Scheduled Attendees

Name	Company	Phone Number	Email	Attendance
Dragos Ursu	BNB Structural	(626) 204-1088	dragos@bnbstructural.com	Absent
Bryan Reeve	DSA Inspections	(805) 822-9228	bryanreeve@live.com	Present
Anthony Mazzei	Earth Systems	(805) 642-6727	tmazzei@earthsystems.com	Present
Rick Giroux	Jensen Design & Survey, Inc.	(805) 633-2222	rgiroux@jdscivil.com	Present
Jay Lomagno	Rasmussen & Associates	(805) 648-1234 ext. 15	jlomagno@ra-arch.com	Present
Catherine Wilson	Rasmussen & Associates	(805) 648-1234	c.wilson@rasmussenandassociates.com	Present
Lee McElvaney	Staples Construction Company, Inc.	(805) 658-8786	Imcelvaney@staplesconstruction.com	Absent
Andrea Medina	Staples Construction Company, Inc.	(800) 881-4650	amedina@staplesconstruction.com	Present
Rob Perks	Staples Construction Company, Inc.	(805) 658-8786	rperks@staplesconstruction.com	Present
Adrian Serrato	Staples Construction Company, Inc.	(805) 658-8786	aserrato@staplesconstruction.com	Absent
Gary Siroky	Staples Construction Company, Inc.	(805) 658-8786	gsiroky@staplesconstruction.com	Absent
James Soliz	Staples Construction Company, Inc.	(805) 658-8786	jsoliz@staplesconstruction.com	Absent
David Staples	Staples Construction Company, Inc.	(805) 658-8786	david@staplesconstruction.com	Absent
Doug Trapp	Staples Construction Company, Inc.	(800) 881-4650	dtrapp@staplesconstruction.com	Present
David Gardner	Ventura County Community College Dist.	(805) 986-5880	dgardner@vcccd.edu	Absent
Matthew Jewett	Ventura County Community College Dist.	(805) 986-5800	mjewett@vcccd.edu	Present

Company

College Dist.

College Dist.

Ventura County Community

Ventura County Community

1 10,000 1000 0	To Thoroon Blug Thin
	Attendance
etailey@vcccd.edu	Present

Project: 1699 618 FireTech Ridg Ph III

Absent

HOT ITEMS

Name

Mike Ketailey

Bob Sube

N	0.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.	.1	1	HOT ITEMS				Open

Email

michael ke

bsube@vcccd.edu

Phone Number

(805) 986-5800

7621

(805) 986-5800 ext.

Description

09/09/21 AI;

- · Site Concrete Underlayment and Soil Prep
- · Durley Rd Civil Revisions
- · South Apron
- · Building Fasteners, Clips and Inspections
- · MEP Structural Coordination
- · Site Utilities at Durley
- · Durley Road Traffic Control
- · Building Color
- · Skylight Attachment
- · Wall on Gridline 2 between A&B
- · Potential DSA CCD's
 - o Phase III Sewer Sewer Sleeve per RFI 47. Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.
 - o Underground Electrical Will require a DSA CCD per Bryan Reeve 7/8. Cathy BIC.
 - o Potential DSA CCD for Metal Stud Framing.

Official Documented Meeting Minutes

09/09/21 MM;

- Site Concrete Underlayment & Soil Prep SCC has direction and is proceeding.
- North Side Apron Footing detail The keyway up against existing footing showing two #4s continuous and those will run into the
 footing for the bollard. Staples is in need of direction and detail. Cathy forwarded an email which may address; Staples needs to review
 and advise
- South Edge Apron Keyway Rick provided the detail and this was in RFI #61 last night.
- Building Fasteners, Clips & Inspections The deficiency list from Bryan was forwarded to Knight. Knight resumed and will be doing the
 corrections.
- Siding and ½" overhang / drop all the way around Due to the 1/2" dips into the concrete walkaway, Knight is pulling apart panels today. This will be addressed via RFI; Staples is in need of direction from the design team.
- MEP Structural Coordination meeting took place last Thursday. Staples owes the engineer additional information regarding hanging
 of utilities.
- Durley Road Civil work is underway.
- Building Color Knight responded with a price for the trim; however if the District wants to proceed with this change there will be an added cost per Knight. The building colors were fabricated and installed per original approved submittals.
- Doors Staples is awaiting color chips from Perimeter OH Door.
- Skylight Attachment Rob is seeking photos of above ceiling conditions will be addressed via confirming RFI. CCD with backing and a fastener to tie-in to the purlin.
- · Wall on Gridline 2 between A&B -Staples will issue a proposed solution via RFI. Per Lee, John has ordered the slip track.
- DSA CCD's Cathy BIC.

PROJECT SCHEDULE

concerns since this is at a standstill.

	.9	ETT NOOEST INEETING		110,000. 1000 0	10 1 110 1001					
No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status				
2.1	1	Safety / Logistics / Project Schedule	•	·		Open				
	Description 09/09/21 AI: • Team to discuss the attached project schedule dated 08/26/21.									
		Attachments 1699.07.082621 - Project Schedule.pdf								
		Official Documented Meeting Minutes 09/09/21 MM:								
	• Impac	am discussed the overall project sche ts will be based on the structural ques ntly, the momentum has stopped on th	stions remaining.	impacted progress MEP's were	nlanned for	install no				

- but are delayed. If we can mobilize the MEPS again soon SCC is going to push hard to meet contract end date; but there are

RFI's

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	RFI's				Open
	Description 09/09/21 Al: • Team t	o review the attached Open RFI Log dated	d 09/09/21.			
	Attachments 1699 - RFI Lo	g - 9.9.21.pdf				
	Official Docu	mented Meeting Minutes				
		am reviewed the Open RFI Log. RFI will be issued related to MEP hanging	issues and flashing & skylight.			

SUBMITTALS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status			
4.1	1	Submittals				Open			
	Description 09/09/21 Al: • Team t	o review the attached Open Submittal Log	g dated 09/09/21.						
	Attachments 1699 - Open Submittal Log - 9.9.21.pdf								
	Official Docu	mented Meeting Minutes							

Project: 1699 618 FireTech Bldg Ph III

- HVAC Shops To be reviewed by the Mechanical Engineer.
- Hose Bibb Rob BIC to review.

OPEN & NEW BUSINESS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status			
5.1	1	Open & New Business				Open			
	Description 09/09/21 Al: • Team	to discuss any open and / or new business	s items.						
	Official Documented Meeting Minutes 09/09/21 MM:								
		working on fire sprinkler main, SCC cut the Tony to discuss further; Tony will plan on co	rough bottom matt of geogrid system. oming out to the site to create a remediation plan						

BILLING & CHANGE MANAGEMENT

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status			
6.1	1	Billing & Change Management				Open			
	Description 09/09/21 AI:								
	• BIILLIN	NG:							
	0	July Application for Payment was issued (August Application for Payment was issue CHANGE MANAGEMENT:							
	•	• The following PCO's have been approved by VCCCD:							
		 PCO 4 - Hoist Operators for Roll-U PCO 5 - Phase III Sewer Scope - is PCO 6 - Removal of Fencing Scope PCO 7 - Rain Drips @ Man Doors PCO 8 - Added General Conditions PCO 9 - Added Curb per RFI 5 - is PCO 10 - Added Electrical for Coili PCO 11 - Footing Revisions per DS PCO 12 - Sewer Revisions Require 	per RFI 6 - revised PCO issued to VCCCD on 06 p Doors - issued 05/19/21. ssued 05/25/21. e - issued 06/08/21 Issued 06/07/21. s due to Schedule Impacts 1 thru 3 - issued 06/16/21 ng Doors - issued 06/16/21 SA CCD #003 - issued 07/14/21 ed per County - issued 07/14/21	5/21					
	0	The following PCO's have been issued an PCO 13 - Added Utility Scope per 0	nd are awaiting approval in order for Staples to pr	oceed:					
	o	Staples is tracking the following potential • PCO14 - CCD 003 - Civil/ Site Wor		e					

- · Apron Revisions at Drive Bays
- Hose Bib Revisions

Official Documented Meeting Minutes

09/09/21 MM:

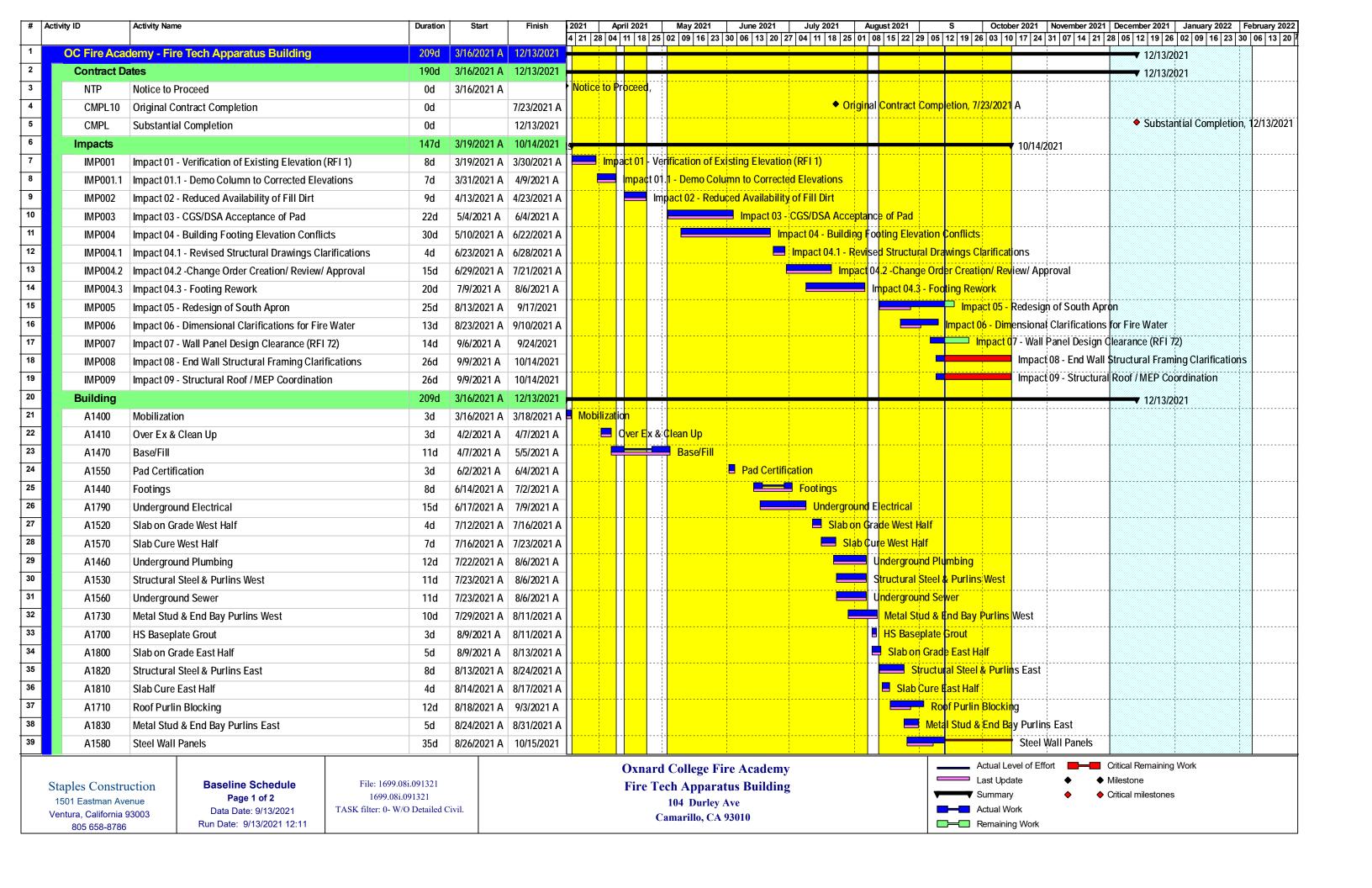
- · BIILLING:
 - July Application for Payment was issued 07/29/21; Staples is awaiting payment.
 - August Application for Payment was issued 09/08/21.
 - · CHANGE MANAGEMENT:
- .
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- The following PCO's have been issued and are awaiting approval in order for Staples to proceed:
 - PCO 13 Added Utility Scope per CCD 003 issued 08/26/21
- ° Staples is tracking the following potential Change Management items:
 - PCO14 CCD 003 Civil/ Site Work Added Scope Staples to issue 09/09/21
 - Potential Added GC's / GR's Due to Schedule Delays for N/E Corner Elevation Issue
 - Added Paving at Durley Road
 - · Apron Revisions at Drive Bays
 - Hose Bib Revisions

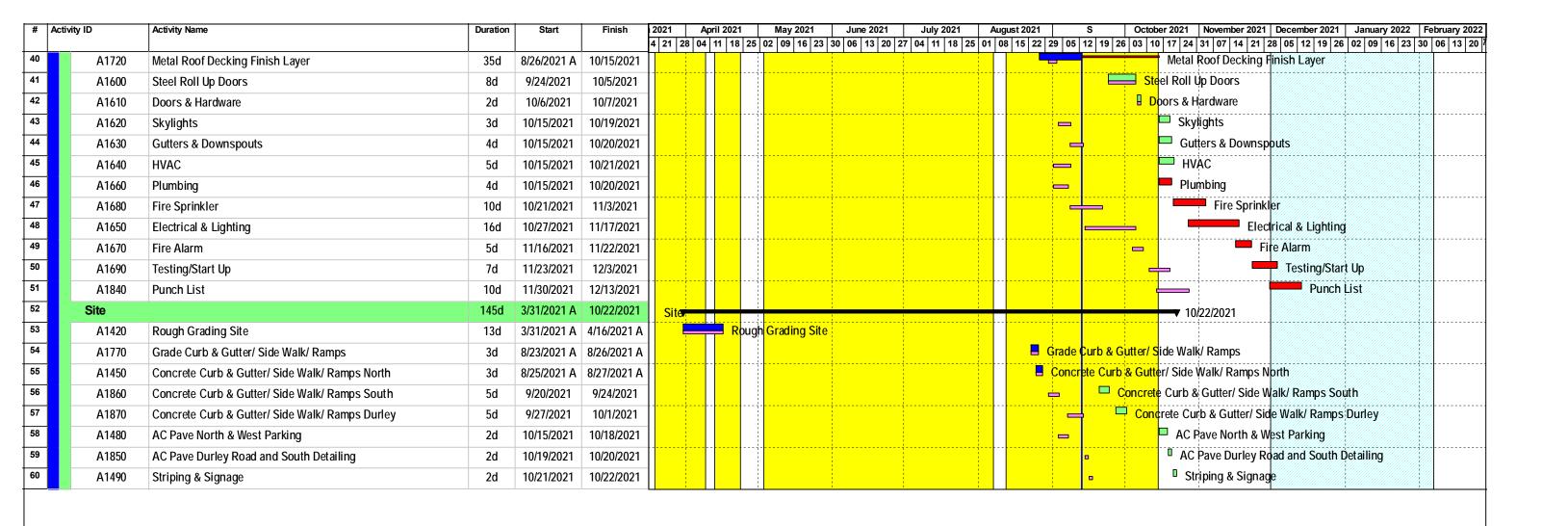
MEETINGS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status				
7.1			Open							
	Description 09/09/21 Al: • The ne	ext meeting is Thursday 09/16/21 at 9am v	ria Skype.							
		Official Documented Meeting Minutes 09/09/21 MM:								
	• The ne	ext meeting is confirmed for Tuesday 09/1	6/2021 at 9am via Skype.							

These meeting minutes are believed to be an accurate reflection of those items discussed and the conclusions that were reached during the referenced meeting.

Please contact Staples Construction if there are any discrepancies or questions with the content of these minutes.

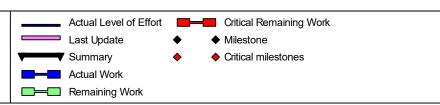




Staples Construction 1501 Eastman Avenue Ventura, California 93003 805 658-8786 Page 2 of 2
Data Date: 9/13/2021

Run Date: 9/13/2021 12:11

File: 1699.08i.091321 1699.08i.091321 TASK filter: 0- W/O Detailed Civil. Oxnard College Fire Academy
Fire Tech Apparatus Building
104 Durley Ave
Camarillo, CA 93010



Project: 1699 618 FireTech Bldg Ph III

104 Durley Ave. Camarillo, California 93010

WEEKLY PROJECT MEETING Agenda: Meeting #28

Meeting Date Sep 30, 2021 **Meeting Time** 9:00 AM - 10:00 AM Pacific Time (US & Canada)

Meeting Location via SKYPE

Overview Agenda for the 09/30/21 project meeting.

Attachments

Scheduled Attendees

Name	Company	Phone Number	Email
Dragos Ursu	BNB Structural	(626) 204-1088	dragos@bnbstructural.com
Bryan Reeve	DSA Inspections	(805) 822-9228	bryanreeve@live.com
Anthony Mazzei	Earth Systems	(805) 642-6727	tmazzei@earthsystems.com
Rick Giroux	Jensen Design & Survey, Inc.	(805) 633-2222	rgiroux@jdscivil.com
Jay Lomagno	Rasmussen & Associates	(805) 648-1234 ext. 15	jlomagno@ra-arch.com
Catherine Wilson	Rasmussen & Associates	(805) 648-1234	c.wilson@rasmussenandassociates.com
Lee McElvaney	Staples Construction Company, Inc.	(805) 658-8786	Imcelvaney@staplesconstruction.com
Andrea Medina	Staples Construction Company, Inc.	(800) 881-4650	amedina@staplesconstruction.com
Rob Perks	Staples Construction Company, Inc.	(805) 658-8786	rperks@staplesconstruction.com
Adrian Serrato	Staples Construction Company, Inc.	(805) 658-8786	aserrato@staplesconstruction.com
Gary Siroky	Staples Construction Company, Inc.	(805) 658-8786	gsiroky@staplesconstruction.com
James Soliz	Staples Construction Company, Inc.	(805) 658-8786	jsoliz@staplesconstruction.com
David Staples	Staples Construction Company, Inc.	(805) 658-8786	david@staplesconstruction.com
Doug Trapp	Staples Construction Company, Inc.	(800) 881-4650	dtrapp@staplesconstruction.com
David Gardner	Ventura County Community College Dist.	(805) 986-5880	dgardner@vcccd.edu
Matthew Jewett	Ventura County Community College Dist.	(805) 986-5800	mjewett@vcccd.edu
Mike Ketailey	Ventura County Community College Dist.	(805) 986-5800	michael_ketailey@vcccd.edu
Bob Sube	Ventura County Community College Dist.	(805) 986-5800 ext. 7621	bsube@vcccd.edu

HOT ITEMS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	HOTITEMS				Open
	BuildinMEP SSkylighWaterShear	Rd Civil Revisions g Fasteners, Clips and Inspections structural Coordination nt Attachment Meter Fees Panels ial DSA CCD's - Cathy BIC				
	0	Phase II Sewer Revisions per RFI 47 Underground Electrical Metal Stud Framing MEP Structural Coordination				

PROJECT SCHEDULE

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Safety / Logistics / Project Schedule				Open
	Description 09/30/21 AI: • Team t	o discuss the attached project schedule d	lated 09/13/21.			

RFI's

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status		
3.1	1	RFI's				Open		
	Description 09/30/21 AI: • Team to review the attached Open RFI Log dated 09/30/21.							
	Attachments 1699 - Open	s RFI Log - 9.30.21.pdf						

SUBMITTALS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Submittals				Open
	Description 09/30/21 AI: • Submit	ttal #260000-5 - Lighting Controls Engravi	ng Form - Submitted 09/13/21			

OPEN & NEW BUSINESS

Title

Р	Project: 1699 6	18 FireTech	Bldg Ph III
	Due Date	Priority	Status
			Open

Description

09/30/21 AI:

Mtg Origin

No.

5.1

• Team to discuss any open and / or new business items.

Open & New Business

BILLING & CHANGE MANAGEMENT

lo.	Mtg Origin	Title	Assignment	Due Date	Priority	Status				
.1	1	Billing & Change Management	·	<u>'</u>	'	Open				
	Description 09/30/21 AI:									
	BIILLING:									
	August	t Application for Payment was issued	d 09/08/21; Staples is awaiting payment.							
	CHANGE MANAGEMENT:									
	The fol	llowing PCO's have been approved l	by VCCCD:							
	0	PCO 1 - Excavation Prep per Adder	ndum 2 - issued 04/09/21.							
	 PCO 2 - Elevation of Existing Piles per RFI 6 - revised PCO issued to VCCCD on 06/09/21 									
	PCO 4 - Hoist Operators for Roll-Up Doors - issued 05/19/21.									
	PCO 5 - Phase III Sewer Scope - issued 05/25/21.									
	 PCO 6 - Removal of Fencing Scope - issued 06/08/21. PCO 7 - Rain Drips @ Man Doors - Issued 06/07/21. 									
			due to Schedule Impacts 1 thru 3 - issued (ne/1e/21						
		PCO 9 - Added Curb per RFI 5 - iss	•	00/10/21						
		PCO 10 - Added Electrical for Coilin								
		PCO 11 - Footing Revisions per DS	-							
	PCO 12 - Sewer Revisions Required per County - issued 07/14/21									
	The fol	llowing PCO's have been issued and	d are awaiting approval in order for Staples	to proceed:						
	0	PCO 13 - Added Utility Scope per C	CD 003 - issued 08/26/21							
	0	PCO 14 - CCD 003 - Civil/ Site Worl	k Added Scope - Staples issued 09/09/21							
	PCO 15 - Apron Modifications - Staples issued 09/23/21									
	Staples	s is tracking the following potential C	Change Management items:							
			Schedule Delays for N/E Corner Elevation	Issue						
		Added Paving at Durley Road								
	0	Hose Bib Revisions								

Assignment

MEETINGS

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
7.1	1	Meetings				Open
	Description 09/30/21 AI:					

• The next meeting is Thursday 10/07/21 at 9am via Skype.



Job #: 1699 618 FireTech Bldg Ph III 104 Durley Ave. Camarillo, California 93010

RFI LOG

# Subject	Status	Responsible Contractor	Received From	Assignee	Date Initiated	RFI Manager	Due Date	Closed Date	Ball In Court	Location	Schedule Impact	Cost Impact
60 Exhaust Fan Support Detail	Open	Reed Mechanical S	Reed, Tom (Reed Mechanical Systems Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD	TBD
61 Apron Beyond Bay Door Thresholds	Open		None	Wilson, Catherine	08/13/2021	Rob Perks	08/16/2021		Perks, Rob (Stapl		TBD	TBD
62 Seismic Bracing for Electrical Conduits	Open	Blum & Sons Elect	Flores, Gary (Blum & Sons Electric, Inc.)	McDowell, Joseph Ursu, Dragos (BNB Wilson, Catherine	08/16/2021	Rob Perks	08/19/2021		Perks, Rob (Stapl		No	No
64 Strapping at Metal Stud Blocking	Open	Knight Building S	Knight, John (Knight Building Systems, Inc.)	Ursu, Dragos (BNB Wilson, Catherine	08/20/2021	Rob Perks	08/23/2021		Perks, Rob (Stapl			
68 Alternative Plumbing Hanger	Open		None	Wilson, Catherine	08/26/2021	Rob Perks	08/29/2021		Wilson, Catherine			
72 Flashing at North and South Clearance Revisions	Open	Knight Building S	Knight, John (Knight Building Systems, Inc.)	Wilson, Catherine	08/27/2021	Rob Perks	08/31/2021		Perks, Rob (Stapl			
73 Fire Riser and Lateral Support Coordination	Open		None	Moradkhanian, Edi Wilson, Catherine	09/09/2021	Rob Perks	09/12/2021		Perks, Rob (Stapl			
75 Shear Wall Penetrations	Open		None	Baroonian, Armen Wilson, Catherine	09/10/2021	Rob Perks	09/13/2021		Perks, Rob (Stapl			
79 Added Durley Rd Paving / South End	Open		None	Giroux, Rick (Jen Wilson, Catherine	09/13/2021	Rob Perks	09/16/2021		Perks, Rob (Stapl			
81 Unistrut wall board	Open	Blum & Sons Elect	None	Wilson, Catherine	09/23/2021	john Eggers	09/26/2021		Wilson, Catherine			
82 Mounting electrical devices	Open	Staples Construct	Eggers, john (Staples Construction Company, Inc.)	Ursu, Dragos (BNB Wilson, Catherine	09/28/2021	john Eggers	10/01/2021		Eggers, john (Sta		TBD	TBD
83 Proposed Remediation bldg East and West Endwall Shear Panel Rust	Open	Knight Building S	Knight, John (Knight Building Systems, Inc.)	Wilson, Catherine Ursu, Dragos (BNB	09/29/2021	Rob Perks	10/02/2021		Wilson, Catherine Ursu, Dragos (BNB			