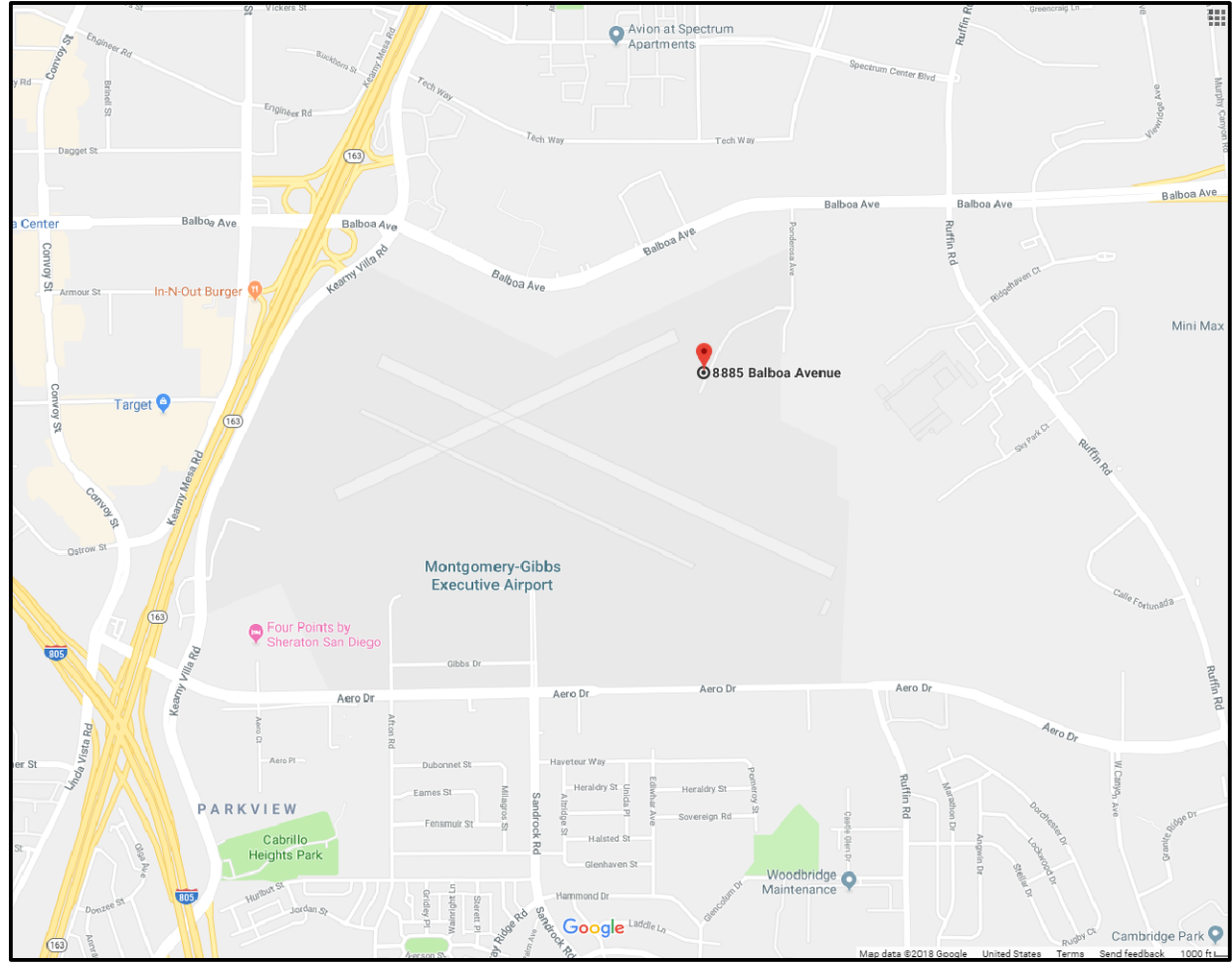


SAN DIEGO FIRE/RESCUE AIR OPERATIONS - PHASE II
SITE DEVELOPMENT PERMIT SUBMITTAL SET
JUNE 4, 2020
MONTGOMERY FIELD
SAN DIEGO, CA 92123

VICINITY MAP

LOCATION MAP

PROJECT DATA

PROJECT NAME: SAN DIEGO FIRE/RESCUE AIR OPERATIONS - PHASE II

PROJECT DESCRIPTION:
CONSTRUCTION OF NEW 31,760 SQUARE FOOT HANGARS, WITH ASSOCIATED SITE WORK INCLUDING CONCRETE APRONS, PARKING AREAS, TENDER PARKING, AND FUEL STORAGE.

PROJECT ADDRESS: 3750 JOHN J MONTGOMERY DRIVE, SAN DIEGO, CA 92123

HISTORIC: NO

ZONE: UNZONED (MONTGOMERY FIELD)

LEGAL DESCRIPTION:
SUBLEASE (HANGAR #30) IN LOTS 5A & 9 OF MONTGOMERY FIELD TR 10B1IC

A.P.N.: 760-222-32, 760-104-83, 421-030-61

SITE ACREAGE: 502 ACRES

FLOOR AREA: 31,760sf

PROPOSED NEW BUILDING SHALL BE PREFAB METAL BUILDING.

VIEW FROM BEACH

BUILDING DATA

TYPE OF CONSTRUCTION: V-B (NON RATED)

SPRINKLERED: YES (PER CBC 903.1.1 & 903.1.2)

OCCUPANCY:
B (EXISTING BUILDING & OFFICE/STORAGE SPACES)
R-2 (EXISTING BUILDING)
S-1 (HANGARS)

ALLOWABLE BUILDING HEIGHT: 60' (ALL OCCUPANCIES)

PROPOSED BUILDING HEIGHT: 42.3'

ALLOWABLE STORIES:

B	3
R-2&S-2	2

PROPOSED STORIES: 1

ALLOWABLE AREA:

B:	36,000SF (S)
R-2:	28,000SF (S)
S-2:	54,000SF (S)

ACTUAL AREA:	B	R	S-2	TOTAL
HANGARS	353sf	0sf	31,359sf	
(E) BUILDING	5,840sf	2,296sf	0sf	
TOTAL	6,193sf	2,296sf	31,359sf	

AREA COMPLIANCE CALCULATION:
 $(6,193/36,000) + (2,296/28,000) + (31,359/54,000) = 0.83$

ADDITIONAL REQUIREMENTS:
HANGARS SHALL MEET THE FIRE SUPPRESSION REQUIREMENTS OF
GROUP I PER NFPA 409

SHEET INDEX

GENERAL

G-001	TITLE SHEET
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CIVIL

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C-2	PLAN NOTES
C-3	EROSION CONTROL PLAN
C-4	EROSION CONTROL PLAN
C-5	DEMOLITION PLAN
C-6	PRELIMINARY GRADING PLAN
C-7	PRELIMINARY GRADING PLAN
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C-9	DEMOLITION PLAN
C-10	DEMOLITION PLAN
C-11	EROSION CONTROL PLAN
C-12	EROSION CONTROL PLAN
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C-14	GRADING PLAN
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ARCHITECTURAL

A-001	OVERALL SITE PLAN
A-002	AIR OPERATIONS SITE PLAN
A-101	FLOOR PLAN
A-102	ROOF PLAN
A-201	EXTERIOR ELEVATIONS

PROJECT DIRECTORY

CLIENT/OWNER
JAMES BOTEGA, PROJECT MANAGER
CITY OF SAN DIEGO
ARCHITECTURAL ENGINEERING & PARKS DIVISION
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
525 B STREET, SUITE 750, MS 908A
SAN DIEGO, CA 92101
P 619.533.6657
F 619.533.5176

ARCHITECT
ALISON WHITELAW, PRINCIPAL ARCHITECT
PLATT/WHITELAW ARCHITECTS, INC.
4034 30TH STREET
SAN DIEGO, CA 92104
P 619.546.4326
F 619.546.4350

CIVIL
CORY HAZLEWOOD, CIVIL GROUP MANAGER
C&S COMPANIES
2020 CAMINO DEL RIO NORTH
SAN DIEGO, CA 92108
P 619.296.9373
F 619.296.5683

APPLICABLE CODES & STANDARDS

APPLICABLE CODES:
2016 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2016 CALIFORNIA ENERGY CODE (T-24), PART 6, TITLE 24 C.C.R.
2016 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.
2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE REFERENCED STANDARDS:
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

G-001

SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)

TITLE SHEET

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	

WARNING



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.

The City of
SAN DIEGO  Public Works



PLATT/WHITELOW
ARCHITECTS, INC.

CONSULTANT

	SPEC. NO.
--	-----------

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
out of

VBS

APPROVED: _____ DATE _____
 FOR CITY ENGINEER _____
 PRINT NAME _____ RCE# _____

APPROVED BY:
JAMES BOTICA
PROJECT MANAGER

PROJECT ENGINEER

-
CCS27 COORDINATE

CCS83 COORDINATE

CONTRACTOR _____	DATE STARTED _____
INSPECTOR _____	DATE COMPLETED _____

GENERAL NOTES

1. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
2. UPON ISSUANCE OF A PERMIT, NO WORK WILL BE PERMITTED ON WEEKENDS OR HOLIDAYS UNLESS APPROVED BY TRAFFIC CONTROL PERMIT FROM THE DEVELOPMENT SERVICES DEPARTMENT.
3. THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE PERMIT HOLDER OR OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICES.
4. IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE (800) 422-4133, TWO DAYS BEFORE YOU DIG.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING AND LOCATING ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE WHILE MAINTAINING A 1 FOOT VERTICAL CLEARANCE.
6. "PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE," IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT ISSUING AUTHORITY.
7. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE RESIDENT ENGINEER.
8. CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUITS, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
9. PRIOR TO SITE DISTURBANCE, CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRECONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO, CONSTRUCTION MANAGEMENT AND FIELD SERVICES DIVISION (858) 627-3200.
10. CONTRACTOR SHALL ONLY PERFORM SITE SURVEY AND UTILITY MARK OUT SERVICES PRIOR TO THE PRECONSTRUCTION MEETING.
11. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
12. CONTRACTOR SHALL HAVE EMERGENCY MATERIAL AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHERE FLOW MAY GENERATE EROSION AND SEDIMENT POLLUTION.
13. AN AS-GRADED GEOTECHNICAL REPORT AND SET OF THE REDLINE "AS-BUILT" GRADING PLANS SHALL BE SUBMITTED TO AREA 3 ON THE THIRD FLOOR OF DEVELOPMENT SERVICES WITHIN 30 CALENDAR DAYS OF THE COMPLETION OF GRADING. AN ADDITIONAL SET SHALL BE PROVIDED TO THE RESIDENT ENGINEER OF THE CONSTRUCTION MANAGEMENT & FIELD SERVICES DIVISION AT 9573 CHESAPEAKE DRIVE, SAN DIEGO, CA 92123.
14. "AS-BUILT" DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE CITY OF SAN DIEGO.
15. MANHOLES AND PULL BOX COVER SHALL BE LABELED WITH NAME OF COMPANY.
16. CONTRACTOR SHALL PROVIDE RED-LINES DRAWINGS IN ACCORDANCE WITH 2-5.4 OF THE WHITEBOOK, "RED-LINES AND RECORD DOCUMENTS."
17. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 1 FOOT VERTICAL SEPARATION TO ALL UTILITIES UNLESS OTHERWISE SPECIFIED ON THE PLANS.

18. CONTRACTOR SHALL REMOVE AND REPLACE ALL UTILITY BOXES SERVING AS HANDHOLES THAT ARE NOT IN "AS-NEW" CONDITION IN PROPOSED SIDEWALK, DAMAGED BOXES, OR THOSE THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE SHALL BE REMOVED AND REPLACED WITH NEW BOXES, INCLUDING WATER, SEWER, TRAFFIC SIGNALS, STREET LIGHTS, DRY UTILITIES-SOGAE, COX, ETC. ALL NEW METAL LIDS SHALL BE SLIP RESISTANT AND INSTALLED FLUSH WITH PROPOSED SIDEWALK GRADE. IF A SLIP RESISTANT METAL LID IS NOT COMMERCIALY AVAILABLE FOR THAT USE, NEW BOXES AND LIDS SHALL BE INSTALLED.

19. THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CALIFORNIA DEPARTMENT OF FISH AND GAME. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.

20. PRIOR TO CONSTRUCTION, SURVEY MONUMENTS (HORIZONTAL AND VERTICAL) THAT ARE LOCATED IN THE CONSTRUCTION AREA SHALL BE TIED-OUT AND REFERENCED BY A LAND SURVEYOR.

21. UPON COMPLETION OF CONSTRUCTION, ALL DESTROYED SURVEY MONUMENTS ARE REQUIRED TO BE REPLACED, AND A CORNER RECORD OR RECORD OF SURVEY SHALL BE PREPARED AND FILED WITH THE COUNTY SURVEYOR AS REQUIRED BY THE PROFESSIONAL LAND SURVEYOR ACT, SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA.

MONUMENT PRESERVATION CERTIFICATION

THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ALL SURVEY MONUMENTS DESTROYED BY CONSTRUCTION. IF A VERTICAL CONTROL MONUMENT IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO DEMOLITION/CONSTRUCTION.

THE TYPE OF CONSTRUCTION WILL NOT AFFECT ANY SURVEY MONUMENTS (THIS LINE IS FOR PROJECTS THAT ARE PROPOSING NO DEMOLITION, TRENCHING, ASSOCIATED WITH A CIP, ETC)

NAME DATE

PRIOR TO PERMIT ISSUANCE, THE PERMITTEE SHALL RETAIN THE SERVICE OF A PROFESSIONAL LAND SURVEYOR OR CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING WHO WILL BE RESPONSIBLE FOR MONUMENT PRESERVATION AND SHALL PROVIDE A CORNER RECORD OR RECORD OF SURVEY TO THE COUNTY SURVEYOR AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, IF APPLICABLE. (SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA)

I HAVE INSPECTED THE SITE AND DETERMINED THAT:

- ☐ NO SURVEY MONUMENTS WERE FOUND WITHIN THE LIMITS OF WORK
- ☐ SURVEY MONUMENTS EXISTING IN OR NEAR LIMITS OF WORK WILL BE PROTECTED IN PLACE
- ☐ SURVEY MONUMENTS HAVE BEEN TIED OUT AND A FINAL OR PARCEL MAP WILL BE FILED
- ☐ (NO CORNER RECORD OR RECORD OF SURVEY WILL BE REQUIRED)
- ☐ OTHER AGENCY SURVEY MONUMENT (CORNER RECORD OR RECORD OF SURVEY MAY NOT BE REQUIRED). AGENCY HAS BEEN NOTIFIED OF POSSIBLE MONUMENT DESTRUCTION AND A LETTER PROVIDED TO CITY A PRE-CONSTRUCTION CORNER RECORD (OR RECORD OF SURVEY) FOR SURVEY MONUMENTS FOUND WITHIN THE LIMITS OF WORK HAS BEEN FILED.

NAME CORNER RECORD # OR RECORD OF SURVEY #

P.L.S. / R.C.E. NO. XXXXX EXP. XX-XX-XX DATE

☒ POST CONSTRUCTION CORNER RECORD (AS-BUILT ITEM)

POST CONSTRUCTION CORNER RECORD FOR SURVEY MONUMENTS DESTROYED DURING CONSTRUCTION AND REPLACED AFTER CONSTRUCTION.

NAME CORNER RECORD # OR RECORD OF SURVEY #

P.L.S. / R.C.E. NO. XXXXX EXP. XX-XX-XX DATE

FOR STORMWATER BMP TABLES, SEE SHEET 2

GRADING PLANS FOR:

AIR FIRE RESCUE FACILITY



KEY MAP

1"=1000'

GRADING + GEOTECHNICAL SPECIFICATIONS

1. ALL GRADING SHALL BE CONDUCTED UNDER THE OBSERVATION AND TESTING BY A QUALIFIED PROFESSIONAL ENGINEER AND, IF REQUIRED, A QUALIFIED PROFESSIONAL GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY ORDINANCE AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT(S) ENTITLED:

PRELIMINARY GEOTECHNICAL EVALUATION, SAN DIEGO FIRE-RESCUE AIR OPERATIONS HANGERS, MONTGOMERY-GIBBS EXECUTIVE AIRPORT, PREPARED BY (NINYO & MOORE), DATED: 9/6/2018 (PROJECT NO. 108605001)

THESE DOCUMENTS WILL BE FILED IN THE RECORDS SECTION OF DEVELOPMENT SERVICES UNDER THE PROJECT NUMBER INDICATED IN THE TITLE BLOCK OF THESE PLANS.

2. ALL FILL SOIL SHALL BE COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MOST RECENT VERSION OF A.S.T.M. D-1557 OR AN APPROVED ALTERNATIVE STANDARD.

3. AT THE COMPLETION OF THE GRADING OPERATIONS FOR THE EARTHWORK SHOWN ON THIS PLAN, AN AS-GRADED GEOTECHNICAL REPORT SHALL BE PREPARED IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE CITY OF SAN DIEGO GUIDELINES FOR GEOTECHNICAL REPORTS. THE FINAL "AS-GRADED" GEOTECHNICAL REPORT SHALL BE SUBMITTED IN ACCORDANCE WITH THE GENERAL NOTES ON THESE PLANS WITHIN 30 DAYS OF THE COMPLETION OF GRADING. WHERE GEOLOGIC INSPECTION IS INDICATED IN THE PERMIT, PLANS, SPECIFICATIONS, OR GEOTECHNICAL REPORT(S), THE FINAL "AS-GRADED" GEOTECHNICAL REPORT MUST ALSO BE REVIEWED AND SIGNED BY A QUALIFIED PROFESSIONAL GEOLOGIST.

4. THE COMPANY OR COMPANIES REPRESENTED BY THE INDIVIDUALS SIGNING ITEM NO. 5 OF THIS CERTIFICATE IS/ARE THE GEOTECHNICAL CONSULTANT(S) OF RECORD. IF THE GEOTECHNICAL CONSULTANT OF RECORD IS CHANGED FOR THE PROJECT, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS SUBMITTED AN ACCEPTABLE TRANSFER OF GEOTECHNICAL CONSULTANT OF RECORD DECLARATION PREPARED IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE CITY OF SAN DIEGO GUIDELINES FOR GEOTECHNICAL REPORTS. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE RESIDENT ENGINEER AND THE GEOLOGY SECTION OF DEVELOPMENT SERVICES IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF GRADING.

5. THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE REFERENCED GEOTECHNICAL REPORT(S) PREPARED FOR THIS PROJECT.

BRIAN SAULL P.E. DATE
ENGINEER'S NAME P.E. OR G.E.
NINYO AND MOORE'S P.G. DATE
GEOLOGIST'S NAME P.G. OR C.E.G.

C&S ENGINEER'S AND NINYO & MOORE
2355 NORTHSIDE DRIVE SUITE 350 AND 5710 RUFFIN ROAD
619-296-9373 AND 658-576-1000

*IF THE PROFESSIONAL ENGINEER (P.E. OR G.E.) AND PROFESSIONAL GEOLOGIST (P.G. OR C.E.G.) SIGNING THIS STATEMENT ARE NOT FROM THE SAME COMPANY, BOTH COMPANY NAMES AND PHONE NUMBERS MUST BE PROVIDED.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

BRIAN SAULL R.C.E. NO. 85161 EXP. 3/31/20 DATE

OWNER/APPLICANT

CITY OF SAN DIEGO

REFERENCE DRAWINGS

REFERENCE DRAWING DESCRIPTION N/A

SITE ADDRESS

3750 JOHN J. MONTGOMERY DRIVE
SAN DIEGO, CA 92123

TOPOGRAPHY SOURCE

TOPOGRAPHY PROVIDED BY CITY OF SAN DIEGO

BENCHMARK

THIS BENCHMARK MUST BE TAKEN FROM THE CITY OF SAN DIEGO VERTICAL CONTROL BOOK.

ASSESSORS PARCEL NUMBER

760-222-32, 760-104-83, 421-030-61

EXISTING LEGAL DESCRIPTION

SUBLEASE (HANGER #30) IN LOTS 5A & 9 OF MONTGOMERY FIELD TR 10BLC

PROPOSED LEGAL DESCRIPTION*

SUBLEASE (HANGER #30) IN LOTS 5A & 9 OF MONTGOMERY FIELD TR 10BLC

SHEET INDEX

SHEET DESCRIPTION	SHEET #
TITLE SHEET	1
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EROSION CONTROL PLAN	3
EROSION CONTROL DETAILS AND NOTES	4
DEMO PLAN	5
GRADING PLAN	6
GRADING DETAILS	7
MAINTENANCE ROAD DEMO PLAN	8-10
MAINTENANCE ROAD EROSION CONTROL PLAN	11-13
MAINTENANCE ROAD GRADING PLAN	14-16

GRADING QUANTITIES

GRADED AREA28 [ACRES]	MAX. CUT DEPTH 8 [FT]
CUT QUANTITIES4,000 [CYD]	MAX CUT SLOPE RATIO (2:1MAX) _____
FILL QUANTITIES1,000 [CYD]	MAX. FILL DEPTH 3.5 [FT]
IMPORT/EXPORT3,000 [CYD]	MAX FILL SLOPE RATIO (2:1MAX) _____

THIS PROJECT PROPOSES TO EXPORT 415 CUBIC YARDS OF MATERIAL FROM THIS SITE. ALL EXPORT MATERIAL SHALL BE DISCHARGED TO A LEGAL DISPOSAL SITE. THE APPROVAL OF THIS PROJECT DOES NOT ALLOW PROCESSING AND SALE OF THE MATERIAL. ALL SUCH ACTIVITIES REQUIRE A SEPARATE CONDITIONAL USE PERMIT.

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES) 0.516
WATERSHED: SAN DIEGO BAY
HYDRAULIC SUB AREA NAME AND NUMBER: _____
2. THE PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE
- ☐ WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NUMBER R9-2013-0001 AND SUBSEQUENT AMENDMENTS.
- ☐ SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NUMBER R9-2013-0001 AND CONSTRUCTION GENERAL PERMIT ORDER NUMBER 2009-009-DWO AS AMENDED BY ORDER 2010-0014 DWQ AND 2012-0006-DWO
3. CONSTRUCTION SITE PRIORITY
☐ ASBS ☐ HIGH ☐ MEDIUM ☐ LOW

C&S ENGINEERS
2355 NORTHSIDE DRIVE,
619-296-9373
RALZAGA@CSCOS.COM

TRADITIONAL: RISK LEVEL ☐ 1 ☐ 2 ☐ 3
LUP: RISK LEVEL ☐ 1 ☐ 2 ☐ 3
WDID NO: _____

WORK TO BE DONE

THE PUBLIC IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE CONSTRUCTED ACCORDING TO THE FOLLOWING STANDARD SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

STANDARD SPECIFICATIONS:

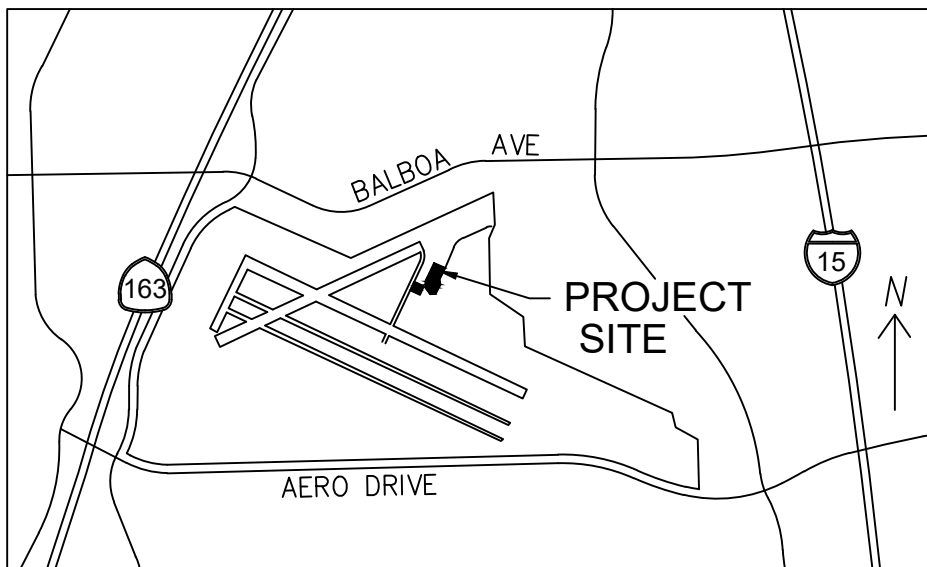
DOCUMENT NO.	DESCRIPTION
PWPI010119-01	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2018 EDITION
PWPI010119-02	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLICWORKS CONSTRUCTION (WHITEBOOK), 2018 EDITION
PWPI010119-04	CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CADD) STANDARDS, 2018 EDITION
PWPI092816-07	CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 2014 EDITION
PWPI092816-05	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SPECIFICATIONS, 2015 EDITION
STANDARD DRAWINGS:	DESCRIPTION
DOCUMENT NO.	
PWPI010119-03	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION
PWPI092816-06	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD PLANS, 2015 EDITION

LEGEND AND ABBREVIATIONS

FS	FINISHED SURFACE
FL	FLOW LINE
TG	TOP OF GRATE

	GRAVEL AREAS
	DIRT/GRAVEL AREAS
	ASPHALT AREAS
	CONCRETE AREAS

* IF APPLICABLE



VICINITY MAP

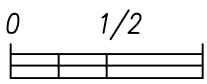
NO SCALE

ENGINEERING PERMIT NO: _____
DISCRETIONARY PERMIT NO: _____ RETAINING WALL PROJECT NO: _____
ENGINEERING PERMIT NO: _____
DISCRETIONARY PERMIT NO: _____

PRIVATE CONTRACT

TITLE SHEET FOR:				
AIR OPERATION HANGERS				
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS				PROJECT NO. _____
FOR CITY ENGINEER				V.T.M.
DESCRIPTION	BY	DATE	APPROVED	DATE
ORIGINAL	XXX			
AS-BUILTS				
CONTRACTOR				DATE STARTED
INSPECTOR				DATE COMPLETED
				C-1

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

C&S Engineers, Inc.
2355 Northside, Dr., Suite 350
San Diego, California 92108
Phone: 619-286-9373
www.cscos.com

CONSTRUCTION BMP GENERAL NOTES

PRIOR TO ANY SOIL DISTURBANCE, TEMPORARY EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED BY THE CONTRACTOR OR QUALIFIED PERSON(S) AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS* MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WP/CP) FOR CONSTRUCTION LEVEL BMP'S AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST CONSTRUCTION TREATMENT CONTROL BMP'S.

2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLETS. INLET PROTECTION IN THE PUBLIC RIGHT OF WAY MAY BE TEMPORARILY REMOVED WHERE IT IS PRONE TO FLOODING PRIOR TO A RAIN EVENT AND REINSTALLED AFTER RAIN IS OVER.

3. ALL CONSTRUCTION BMPS SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.

4. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.

5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES AND IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED SWPPP/WP/CP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES AND/OR STOP WORK NOTICES.

6. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLES/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORK DAY.

7. THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPS THAT ARE ACCEPTABLE TO THE ENGINEER AND AS INDICATED IN THE SWPPP/WP/CP

8. THE CONTRACTOR OR QUALIFIED PERSON SHALL CLEAR DEBRIS, SILT AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND AFTER EACH RAIN EVENT.

9. IF A NON-STORM WATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF THE DISCHARGE. AS SOON AS PRACTICAL, ANY AND ALL WASTE MATERIAL, SEDIMENT AND DEBRIS FROM EACH NON STORM WATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

10. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPS WHEN RAIN IS IMMINENT.

11. THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO WORKING ORDER YEAR ROUND.

12. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO GRADING INACTIVITY OR UNFORESEEN CIRCUMSTANCES TO PREVENT NON-STORM WATER AND SEDIMENT-LADEN DISCHARGES.

13. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.

14. ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WP/CP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

15. UPON NOTIFICATION BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL ARRANGE FOR MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPS RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.

16. THE CONTRACTOR SHALL CONDUCT VISUAL INSPECTIONS DAILY AND MAINTAIN ALL BMPS AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPS SHALL BE CONDUCTED BEFORE, DURING AND AFTER EVERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPS AS SOON AS POSSIBLE AS SAFETY ALLOWS.

17. CONSTRUCTION ENTRANCE AND EXIT AREA. TEMPORARY CONSTRUCTION ENTRANCE AND EXIT AREA SHALL BE ON LEVEL, STABILIZED GROUND. THE ENTRANCE AND EXIT AREA SHALL BE CONSTRUCTED BY OVERLAYING THE STABILIZED ACCESS AREA WITH 3 TO 6" DIAMETER STONES. THE AREA SHALL BE MINIMUM 50' LONG X 30' WIDE. IN LIEU OF STONE COVERED AREA, THE CONTRACTOR MAY CONSTRUCT RUMBLE RACKS OF STEEL PANELS WITH RIDGES MINIMUM 20' LONG X 30' WIDE CAPABLE OF PREVENTING THE MIGRATION OF CONSTRUCTION MATERIALS INTO THE TRAVELED WAYS.

18. PERFORMANCE STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING WATER POLLUTION CONTROL MEASURES BASED ON PERFORMANCE STANDARDS. PERFORMANCE STANDARDS SHALL INCLUDE:

- A. NON-STORM WATER DISCHARGES FROM THE SITE SHALL NOT OCCUR TO THE MEP3. STORM WATER DISCHARGES SHALL BE FREE OF POLLUTANTS INCLUDING SEDIMENT TO THE MEP.
- B. EROSION SHALL BE CONTROLLED BY ACCEPTABLE BMPS TO THE MEP. IF RILLS AND GULLIES APPEAR THEY SHALL BE REPAIRED AND ADDITIONAL BMPS INSTALLED TO PREVENT A REOCCURRENCE OF EROSION.
- C. AN INACTIVE AREA SHALL BE PROTECTED TO PREVENT POLLUTANT DISCHARGES. A SITE OR PORTIONS OF A SITE SHALL BE CONSIDERED INACTIVE WHEN CONSTRUCTION ACTIVITIES HAVE CEASED FOR A PERIOD OF 14 OR MORE CONSECUTIVE DAYS.

GRADING NOTES

1. GRADING AS SHOWN ON THESE PLANS SHALL BE IN CONFORMANCE WITH CURRENT STANDARD SPECIFICATIONS AND CHAPTER 14, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE.

2. PLANT AND IRRIGATE ALL CUT AND FILL SLOPES AS REQUIRED BY ARTICLE 2, DIVISION 4, SECTION 142.0411 OF THE SAN DIEGO LAND DEVELOPMENT CODE AND ACCORDING TO SECTION IV OR THE LAND DEVELOPMENT MANUAL LANDSCAPE STANDARDS.

3. GRADED, DISTURBED, OR ERODED AREAS THAT WILL NOT BE PERMANENTLY PAVED, COVERED BY STRUCTURE, OR PLANTED FOR A PERIOD OVER 90 DAYS SHALL BE TEMPORARILY RE-VEGETATED WITH A NON-IRRIGATED HYDROSEED MIX, GROUND COVER, OR EQUIVALENT MATERIAL.

GROUND WATER DISCHARGE NOTES

1. ALL GROUND WATER EXTRACTION AND SIMILAR WASTE DISCHARGES TO SURFACE WATERS NOT TRIBUTARY TO THE SAN DIEGO BAY ARE PROHIBITED UNTIL IT CAN BE DEMONSTRATED THAT THE OWNER HAS APPLIED AND OBTAINED AUTHORIZATION FROM THE STATE OF CALIFORNIA VIA AN OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL WATER QUALITY CONTROL BOARD IN ACCORDANCE WITH THE TERMS, PROVISIONS AND CONDITIONS OF STATE ORDER NO R9-2015-0013 NPDES CAG919003.

2. THE ESTIMATED MAXIMUM DISCHARGE RATES MUST NOT EXCEED THE LIMITS SET IN THE OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL BOARD UNLESS PRIOR NOTIFICATION AND SUBSEQUENT AUTHORIZATION HAS BEEN OBTAINED, AND DISCHARGE OPERATIONS MODIFIED TO ACCOMMODATE THE INCREASED RATES.

3. ALL GROUND WATER EXTRACTIONS AND SIMILAR WASTE DISCHARGES TO SURFACE WATERS TRIBUTARY TO THE SAN DIEGO BAY ARE PROHIBITED UNTIL IT CAN BE DEMONSTRATED THAT THE OWNER HAS APPLIED AND OBTAINED AUTHORIZATION FROM THE STATE OF CALIFORNIA VIA AN OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL WATER QUALITY CONTROL BOARD IN ACCORDANCE WITH THE TERMS, PROVISIONS AND CONDITIONS OF STATE ORDER NO R9-2015-0013 NPDES NO. CAG919003.

MINIMUM POST-CONSTRUCTION MAINTENANCE PLAN

AT THE COMPLETION OF THE WORK SHOWN, THE FOLLOWING PLAN SHALL BE FOLLOWED TO ENSURE WATER QUALITY CONTROL IS MAINTAINED FOR THE LIFE OF THE PROJECT:

1. STABILIZATION: ALL PLANTED SLOPES AND OTHER VEGETATED AREAS SHALL BE INSPECTED PRIOR TO OCTOBER 1 OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN ½ INCH) AND REPAIRED AND REPLANTED AS NEEDED UNTIL A NOTICE OF TERMINATION (NOT) IS FILED.

2. STRUCTURAL PRACTICES: DESILTING BASINS, DIVERSION DITCHES, DOWNDRAINS, INLETS, OUTLET PROTECTION MEASURES, AND OTHER PERMANENT WATER QUALITY AND SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED PRIOR TO OCTOBER 1ST OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN ½ INCH). REPAIRS AND REPLACEMENTS SHALL BE MADE AS NEEDED AND RECORDED IN THE MAINTENANCE LOG IN PERPETUITY.

3. OPERATION AND MAINTENANCE, FUNDING: POST-CONSTRUCTION MANAGEMENT MEASURES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL THE TRANSFER OF RESPECTIVE SITES TO HOME BUILDERS, INDIVIDUAL OWNERS, HOMEOWNERS ASSOCIATIONS, SCHOOL DISTRICTS, OR LOCAL AGENCIES AND/OR GOVERNMENTS. AT THAT TIME, THE NEW OWNERS SHALL ASSUME RESPONSIBILITY FOR THEIR RESPECTIVE PORTIONS OF THE DEVELOPMENT.

PERMANENT POST-CONSTRUCTION BMP NOTES

1. OPERATION AND MAINTENANCE SHALL BE SECURED BY AN EXECUTED AND RECORDED STORM WATER MANAGEMENT AND DISCHARGE CONTROL MAINTENANCE AGREEMENT (SMDOMA), OR ANOTHER MECHANISM APPROVED BY THE CITY ENGINEER, THAT ASSURES ALL PERMANENT BMP'S WILL BE MAINTAINED IN PERPETUITY, PER THE LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS.

2. ANY MODIFICATION(S) TO THE PERMANENT POST CONSTRUCTION BMP DEVICES/STRUCTURES SHOWN ON PLAN REQUIRES A CONSTRUCTION CHANGE TO BE PROCESSED AND APPROVED THROUGH DEVELOPMENT SERVICES DEPARTMENT BY THE ENGINEER OF WORK. APPROVAL OF THE CONSTRUCTION CHANGE IS REQUIRED PRIOR TO CONSTRUCTION OF THE PERMANENT BMP.

STORM WATER REQUIREMENTS

1. THIS PROJECT IS SUBJECT TO MUNICIPAL CODE SECTION 4303 AND ORDER NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100

2. ALL WORK RELATED TO POST-CONSTRUCTION STORMWATER QUALITY SHALL BE IN ACCORDANCE WITH THE STORM WATER QUALITY MANAGEMENT PLAN ENTITLED. PROJECT NAME AND NUMBER, PROJECT APPLICANT PROJECT ADDRESS, PREPARED BY (COMPANY NAME), REPORT DATE.

3. POST-CONSTRUCTION BMPS ARE REQUIRED, SEE SHEET(S) 4 AND 5.

PRIVATE NOTE

ALL ONSITE, PRIVATE IMPROVEMENTS SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. THE CITY ENGINEER'S APPROVAL OF THIS DRAWING, IN NO WAY CONSTITUTES AN APPROVAL OF SAID PRIVATE IMPROVEMENTS. A SEPARATE PERMIT FOR SUCH IMPROVEMENTS MAY BE REQUIRED.

CURB RAMP NOTE

THE REQUIRED DETECTABLE WARNING (TRUNCATED DOWNS) ON CURB RAMPS ARE TO COMPLY WITH THE CITY STANDARDS (SDG-130) AND SPECIFICATIONS. A 12" X 12" (MIN.) SAMPLE OF THE DETECTABLE WARNING, THE PRODUCTS' TEST REPORT AND A COPY OF THE MANUFACTURER'S INSTALLATION INSTRUCTION MUST BE SUBMITTED TO THE DESIGNATED CITY RESIDENT ENGINEER FOR REVIEW PRIOR TO INSTALLATION. FAILURE TO COMPLY WITH THE STANDARDS, SPECIFICATIONS AND SAMPLE SUBMITTAL REVIEW PROCESS WILL RESULT IN THE REMOVAL OR REPLACEMENT OF THE DETECTABLE WARNING AND/OR CURB RAMP(S) AT CONTRACTOR AND/OR OWNER'S EXPENSE.

AGREEMENT DATA

APPROVAL TYPE	DESCRIPTION	APPROVAL NO.	DOCUMENT NO.	SEE SHEET NUMBER(S)

TRAFFIC CONTROL NOTE

(DELETE IF GREATER THAN 5000 ADT)

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (11"x17") FOR APPROVAL PRIOR TO STARTING WORK. THE PLAN SHOULD BE SUBMITTED TO THE TRAFFIC CONTROL PERMIT COUNTER, 3RD FLOOR, BOOTH 22, BUILDING, SAFETY & CONSTRUCTION DIVISION, DEVELOPMENT SERVICES CENTER, 1222 FIRST AVENUE, SAN DIEGO (619-446-5150). CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE.

SOURCE CONTROL BMP CHECKLIST FOR STANDARD PROJECTS		FORM I-4A	
ALL DEVELOPMENT PROJECTS MUST IMPLEMENT SOURCE CONTROL BMP'S. REFER TO CHAPTER 4 AND APPENDIX E OF THE BMP DESIGN MANUAL FOR INFORMATION TO IMPLEMENT BMPS SHOWN IN THIS CHECKLIST NOTE: ALL SELECTED BMPS MUST BE SHOWN ON THE CONSTRUCTION PLANS			
SOURCE CONTROL REQUIREMENT		APPLIED?	
4.2.1 PREVENTION OF ILLICIT DISCHARGES INTO THE MS4	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
4.2.2 STORM DRAIN STENCILING OR SIGNAGE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
4.2.3 PROTECT OUTDOOR MATERIALS STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.2.4 PROTECT MATERIALS STORED IN OUTDOOR WORK AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.2.5 PROTECT TRASH STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.2.6 BMPS BASED ON POTENTIAL SOURCES OF RUNOFF POLLUTANTS			
ON-SITE STORM DRAIN INLETS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
INTERIOR FLOOR DRAINS AND ELEVATOR SHAFT SUMP PUMPS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
INTERIOR PARKING GARAGES	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
NEED FOR FUTURE INDOOR & STRUCTURAL PEST CONTROL	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
LANDSCAPE/OUTDOOR PESTICIDE USE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
POOLS, SPAS, PONDS, DECORATIVE FOUNTAINS, AND OTHER WATER FEATURES	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
FOOD SERVICE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
REFUSE AREAS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
INDUSTRIAL PROCESSES	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
OUTDOOR STORAGE OF EQUIPMENT OR MATERIALS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
VEHICLE/EQUIPMENT REPAIR AND MAINTENANCE	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
FUEL DISPENSING AREA	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
LOADING DOCKS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
FIRE SPRINKLER TEST WATER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
MISCELLANEOUS DRAIN OR WASH WATER	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
PLAZAS, SIDEWALKS, AND PARKING LOTS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
SC-6A: LARGE TRASH GENERATING FACILITIES	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
SC-6B: ANIMAL FACILITIES	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
SC-6C: PLANT NURSERIES AND GARDEN CENTERS	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A		
SC-6D: AUTOMOTIVE-RELATED USES	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
DISCUSSION / JUSTIFICATION FOR ALL "NO" ANSWERS SHOWN ABOVE:			

SITE DESIGN BMP CHECKLIST FOR STANDARD PROJECTS		FORM I-5A	
ALL DEVELOPMENT PROJECTS MUST IMPLEMENT SITE DESIGN BMP'S. REFER TO CHAPTER 4 AND APPENDIX E OF THE BMP DESIGN MANUAL FOR INFORMATION TO IMPLEMENT BMPS SHOWN IN THIS CHECKLIST NOTE: ALL SELECTED BMPS MUST BE SHOWN ON THE CONSTRUCTION PLANS			
SITE DESIGN REQUIREMENT		APPLIED?	
4.3.1 MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.2 CONSERVE NATURAL AREAS, SOILS, AND VEGETATION	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.3 MINIMIZE IMPERVIOUS AREA	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.4 MINIMIZE SOIL COMPACTION	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.5 IMPERVIOUS AREA DISPERSION	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.6 RUNOFF COLLECTION	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.7 LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A		
4.3.8 HARVESTING AND USING PRECIPITATION	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A		
DISCUSSION / JUSTIFICATION FOR ALL "NO" ANSWERS SHOWN ABOVE:			

SITE DESIGN, SOURCE CONTROL AND POLLUTANT CONTROL BMP OPERATION + MAINTENANCE PROCEDURE						
STORM WATER MANAGEMENT AND DISCHARGE CONTROL MAINTENANCE AGREEMENT APPROVAL NO.:						
O&M RESPONSIBLE PARTY DESIGNEE: PROPERTY OWNER / HOA / CITY / OTHER:						
BMP DESCRIPTION	INSPECTION FREQUENCY	MAINTENANCE FREQUENCY	MAINTENANCE METHOD	QUANTITY	INCLUDED IN O&M MANUAL	SHEET NUMBER(S)
SITE DESIGN ELEMENTS					YES NO	
DESCRIPTION: SOURCE CONTROL ELEMENTS					YES NO	
DESCRIPTION: POLLUTANT CONTROL BMP(S)					YES NO	
DESCRIPTION: HMP FACILITY (IF SEPARATE)					YES NO	
DESCRIPTION: HMP EXEMPT						

ENGINEERING PERMIT NO.: _____
DISCRETIONARY PERMIT NO.: _____

PRIVATE CONTRACT

PLAN NOTES FOR:

AIR OPERATION HANGERS

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 2 OF 9 SHEETS				PROJECT NO. _____	
FOR CITY ENGINEER				DATE	
DESCRIPTION	BY	APPROVED	DATE	FILMED	V.T.M.
ORIGINAL	xxx				
AS-BUILTS					
CONTRACTOR				DATE STARTED	
INSPECTOR				DATE COMPLETED	
				C-2	

C&S ENGINEERS
2355 Northside Dr.,
619-296-9373
BSAULL@cscos.com

BRIAN SAULL R.C.E. NO. 85161 EXP. 3/31/20 DATE



DEVELOPMENT SERVICES DEPARTMENT



C&S Engineers, Inc.
2355 Northside Dr., Suite 350
San Diego, California 92108
Phone: 619-296-9373
www.cscos.com

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.

0 1/2 1


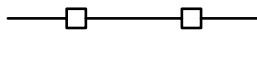
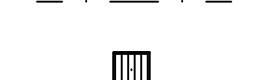

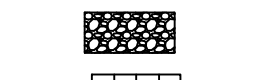



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

SAVE DATE: 11/4/2019 - PLOT DATE: 4/13/2020 - City of San Diego\074001002 - Air Fire Rescue Facility\Design\CADD\Sheet Files\Phase II\3-074001002-Erosion Control-Sheet.dwg

EROSION CONTROL CONSTRUCTION NOTES

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- CONSTRUCT CONSTRUCTION STAGING AREA WITH THE SAME STRUCTURAL SECTION AS THE ALL-WEATHER CONSTRUCTION ACCESS; LOCATION TO BE DETERMINED
- INSTALL GRAVEL BAGS ALONG PERIMETER AREA FOR SEDIMENT CONTROL PER DETAIL ON SHEET 4 (TYP.)
- CONSTRUCT STANDARD STABILIZED ENTRANCE PER DETAIL ON SHEET 4
- MATERIAL DELIVERY AND STORAGE AREA PER CALTRANS STANDARD WM-1
- CONSTRUCT RIP RAP OUTFALL PER S.D.R.S.D D-40 (TYP.)
- INSTALL DRAIN INLET PROTECTION PER DETAIL ON SHEET 4 (TYP.)
- INSTALL SILT FENCE PER DETAIL ON SHEET 4 (TYP.)

LEGEND:

- PROPOSED INLET PROTECTION
- PROPOSED SILT FENCE
- PROPOSED GRAVEL BAGS
- PROPOSED GRATED CATCH BASIN
- PROPOSED DRAIN INLET PROTECTION
- PROPOSED RIP RAP OUTFALL
- PROPOSED MATERIAL STORAGE AREA
- PROPOSED LIMIT OF WORK/LIMIT OF DISTURBANCE

NOTES:

1. SOLID WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-5
2. CONCRETE WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-8
3. SANITARY/SEPTIC WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-9

SEE MAINTENANCE ROAD
SHEETS FOR CONTINUATION

TAXIWAY CHARLIE

EXISTING CONCRETE PAVEMENT

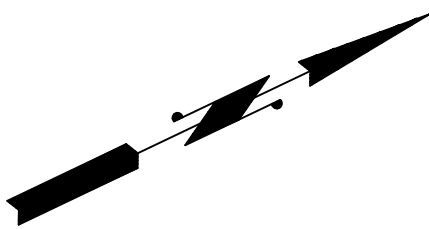
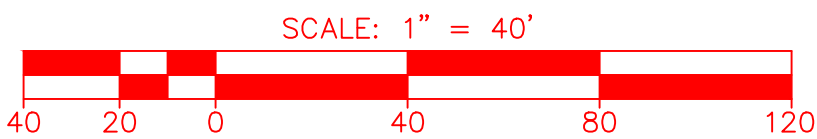
PROPOSED HANGER

FAA FLIGHT TECH OPS BUILDING

EXISTING A.C. PAVEMENT

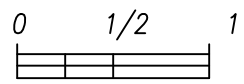
EXISTING SHALLOW
≈24" SQUASH CORRUGATED
METAL PIPE

EXISTING 15' WIDE PRIVATE ACCESS
ROAD FROM PONDEROSA AVE.



CONSTRUCTION CHANGE TABLE

CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT

STREET DATA TABLE

STREET NAME	CLASSIFICATION	SPEED (MPH)	ADT (VEHICLES)	R/W (FT)

ENGINEERING PERMIT NO.: _____
DISCRETIONARY PERMIT NO.: _____

PRIVATE CONTRACT

EROSION CONTROL PLAN FOR:

AIR OPERATION HANGERS

CITY OF SAN DIEGO, CALIFORNIA
DEVELOPMENT SERVICES DEPARTMENT
SHEET 1 OF 9 SHEETS

PROJECT NO.: _____

V.T.M. _____

FOR CITY ENGINEER		DATE	
DESCRIPTION	BY	APPROVED	FILMED
ORIGINAL	XXX		
AS-BUILTS			
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	

32.817-117.136
NAD83 COORDINATES
XXX-XXXX
LAMBERT COORDINATES

C-3

EROSION CONTROL NOTES

- ALL BUILDING PADS TO BE DIKED AND THE DIKES MAINTAINED TO PREVENT WATER FROM FLOWING FROM THE PAD UNTIL THE STREETS AND DRIVEWAYS ARE PAVED AND WATER CAN FLOW FROM THE PADS WITHOUT CAUSING EROSION, OR CONSTRUCT DRAINAGE FACILITIES TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS THAT WILL ALLOW WATER TO DRAIN FROM THE PAD WITHOUT CAUSING EROSION.
- TOPS OF ALL SLOPES TO BE DIKED OR TRENCHED TO PREVENT WATER FROM FLOWING OVER THE CREST OF SLOPES.
- MANUFACTURED SLOPES AND PADS SHALL BE ROUNDED VERTICALLY AND HORIZONTALLY AS APPROPRIATE TO BLEND WITH THE SURROUNDING TOPOGRAPHY.
- AS SOON AS CUTS OR EMBANKMENTS ARE COMPLETED, BUT NOT LATER THAN OCTOBER 1, ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITH A HYDROMULCH MIXTURE OR AN EQUAL TREATMENT APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS BETWEEN OCTOBER 1 AND APRIL 15. APPROVED SLOPE PROTECTION MEASURES SHALL PROCEED IMMEDIATELY BEHIND THE EXPOSURE OF CUT SLOPES AND/OR THE CREATION OF EMBANKMENT SLOPES.
- CATCH BASINS, DESILTING BASINS AND STORM DRAIN SYSTEMS SHALL BE INSTALLED TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS.
- SAND BAG CHECK DAMS TO BE PLACED IN A MANNER APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS IN UNPAVED STREETS WITH GRADIENTS IN EXCESS OF 2% AND ON OR IN OTHER GRADED OR EXCAVATED AREAS AS REQUIRED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS.
- THE DEVELOPER TO MAINTAIN THE PLANTING AND EROSION CONTROL MEASURES DESCRIBED ABOVE UNTIL RELIEVED OF THE SAME BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. THE DEVELOPER TO REMOVE ALL SOIL INTERCEPTED BY THE SAND BAGS, CATCH BASINS, AND DESILTING BASINS AND KEEP THESE FACILITIES CLEAN AND FREE OF SILT AND SAND AS DIRECTED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. THE DEVELOPER SHALL REPAIR ANY ERODED SLOPES AS DIRECTED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS.

STORMWATER MANAGEMENT NOTES

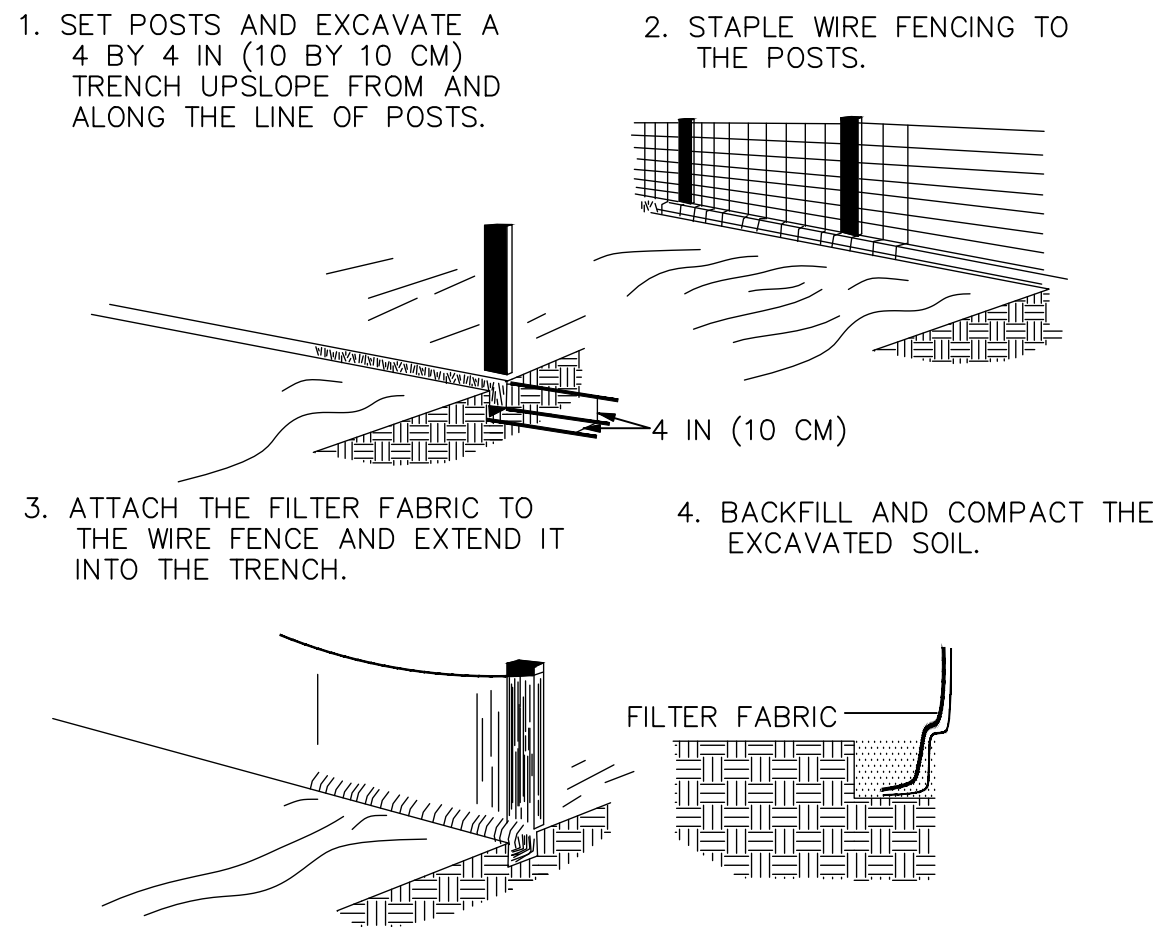
- DURING THE RAINY SEASON THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED BY THE PROPERTY OWNER IN THE EVENT OF A RAINSTORM. 125% OF ALL SUPPLIES NEEDED FOR BMP MEASURES SHALL BE RETAINED ON THE JOB SITE IN A MANNER THAT ALLOWS FULL DEPLOYMENT AND COMPLETE INSTALLATION IN 48 HOURS OR LESS OF A FORECAST RAIN.
- NO AREA BEING DISTURBED SHALL EXCEED 50 ACRES AT ANY GIVEN TIME WITHOUT DEMONSTRATING TO THE SAN DIEGO COUNTY DPW DIRECTOR'S SATISFACTION THAT ADEQUATE EROSION AND SEDIMENT CONTROL CAN BE MAINTAINED. ANY DISTURBED AREA THAT IS NOT ACTIVELY GRADED FOR 15 DAYS MUST BE FULLY PROTECTED FROM EROSION. UNTIL ADEQUATE LONG-TERM PROTECTIONS ARE INSTALLED, THE DISTURBED AREA SHALL BE INCLUDED WHEN CALCULATING THE ACTIVE DISTURBANCE AREA. ALL EROSION CONTROL MEASURES SHALL REMAIN INSTALLED AND MAINTAINED DURING ANY INACTIVE PERIOD.
- THE PROPERTY OWNER IS OBLIGATED TO INSURE COMPLIANCE WITH ALL APPLICABLE STORMWATER REGULATIONS AT ALL TIMES. THE BMP'S (BEST MANAGEMENT PRACTICES) THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO EFFECTIVELY PREVENT THE POTENTIALLY NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORMWATER QUALITY. THE MAINTENANCE OF THE BMP'S IS THE PERMITTEE'S RESPONSIBILITY, AND FAILURE TO PROPERLY INSTALL OR MAINTAIN THE BMP'S MAY RESULT IN ENFORCEMENT ACTION BY THE COUNTY OF SAN DIEGO OR OTHERS. IF INSTALLED BMP'S FAIL, THEY MUST BE REPAIRED OR REPLACED WITH AN ACCEPTABLE ALTERNATE WITHIN 24 HOURS, OR AS SOON AS SAFE TO DO SO.
- ON PROJECTS OF GREATER THAN 1 ACRE ADD THE FOLLOWING NOTE: A NOTICE OF INTENT (NOI) HAS BEEN, OR WILL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) AND THAT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN OR WILL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. CAS000002) FOR ALL OPERATIONS ASSOCIATED WITH THESE PLANS. THE NOI NUMBER ASSIGNED BY SWRCB FOR THIS PROJECT IS [WIDID#] [ALTERNATIVE: NOT YET ASSIGNED, BUT WILL BE PROVIDED BEFORE A PERMIT IS ISSUED], THE PERMITTEE SHALL KEEP A COPY OF THE SWPPP ON SITE AND AVAILABLE FOR REVIEW BY COUNTY.

NOTE:

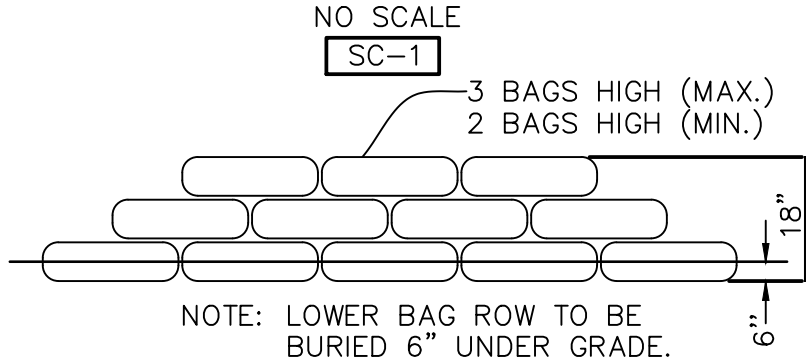
VEGETATION STABILIZATION (PLANTING OR HYDROSEEDING) MAY BE INSTALLED BETWEEN MAY 1ST AND AUGUST 15TH. SLOPE IRRIGATION MUST BE IN PLACE AND TO BE OPERABLE FOR SLOPES >3'. VEGETATION MUST BE WATERED AND ESTABLISHED PRIOR TO OCTOBER 1ST. THE OWNER SHALL SUPPLEMENT VEGETATION WITH BARK OR MULCH BY OCTOBER 1ST IF VEGETATION ESTABLISHMENT DOES NOT OCCUR BY THAT DATE. EROSION CONTROL MEASURES MUST ALSO BE USED WHILE LANDSCAPING IS BEING ESTABLISHED. ESTABLISHED VEGETATION SHALL HAVE A SUBSURFACE MAT OF INTERTWINED MATURE ROOTS WITH A UNIFORM VEGETATION COVERAGE OF 70% OF THE NATURAL VEGETATIVE COVERAGE OR MORE ON ALL DISTURBED AREAS.

ALL SLOPES OVER THREE FEET MUST HAVE ESTABLISHED VEGETATIVE COVER PRIOR TO FINAL PERMIT APPROVAL

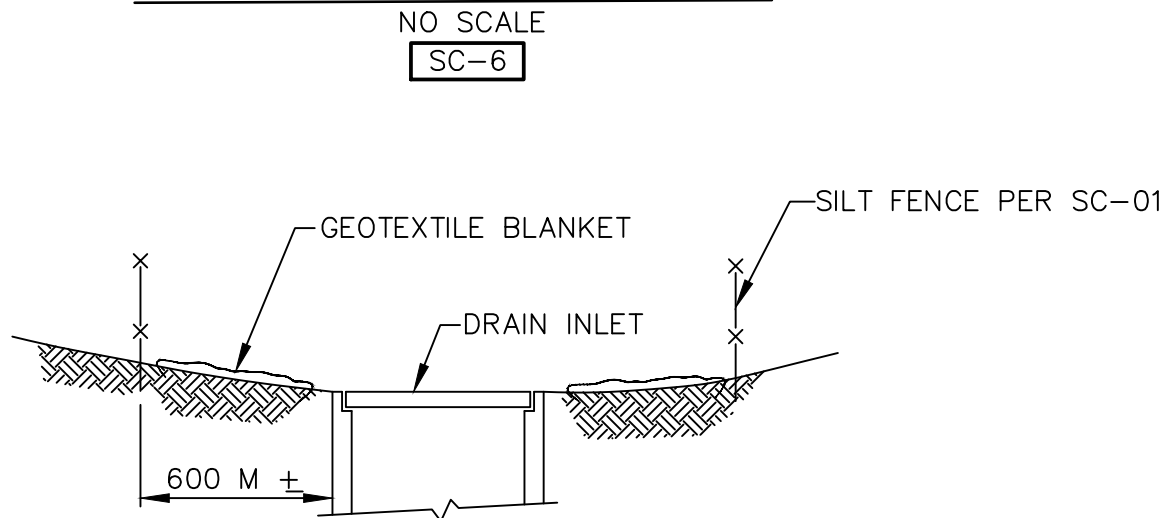
TYPICAL BMP DETAILS



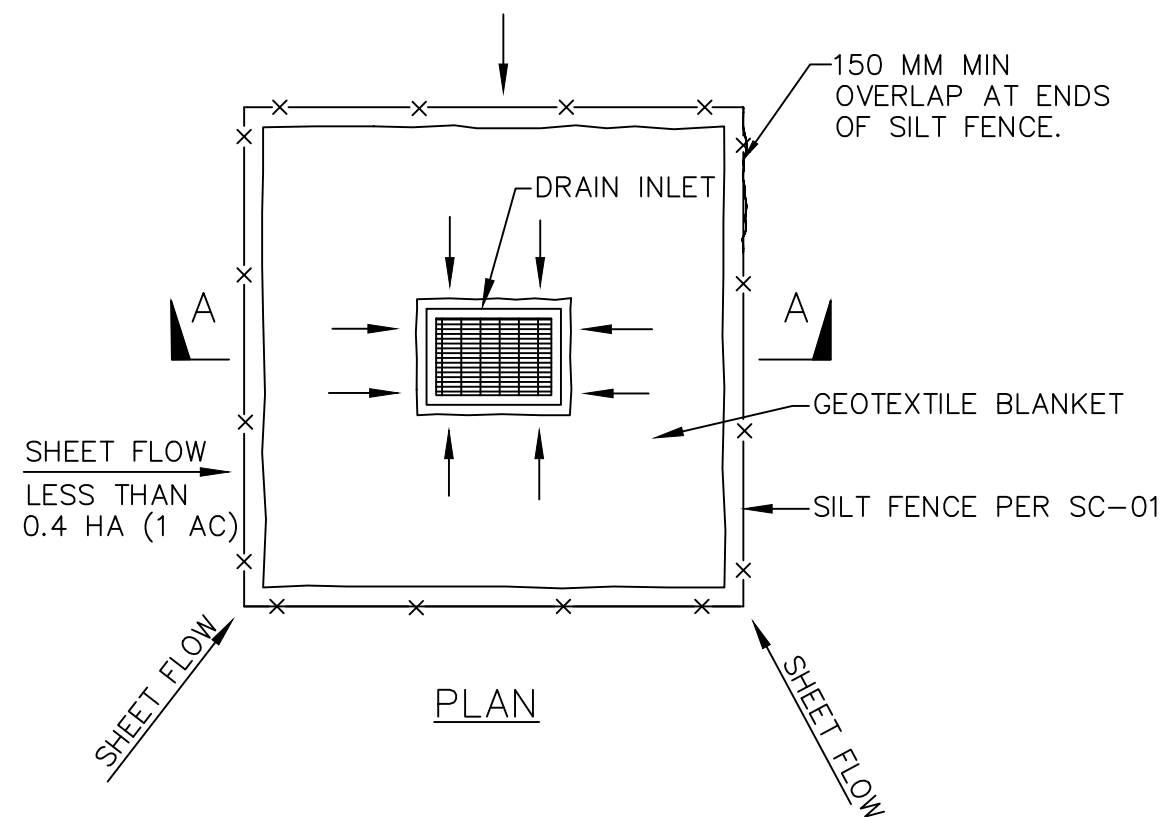
SILT FENCE



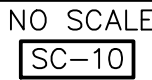
GRAVEL BAG CHECK DAM



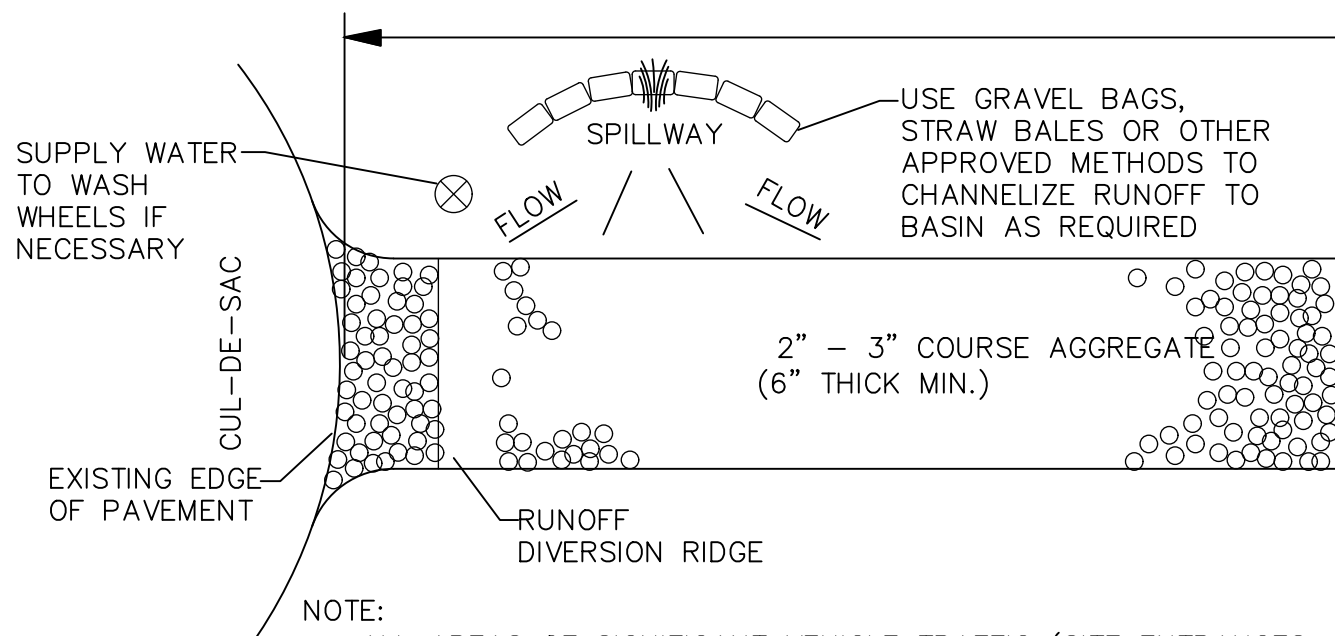
SECTION A-A



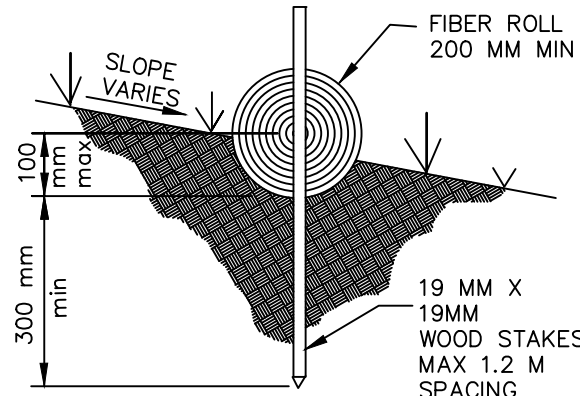
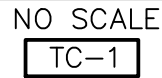
DRAIN INLET PROTECTION TYPE 1



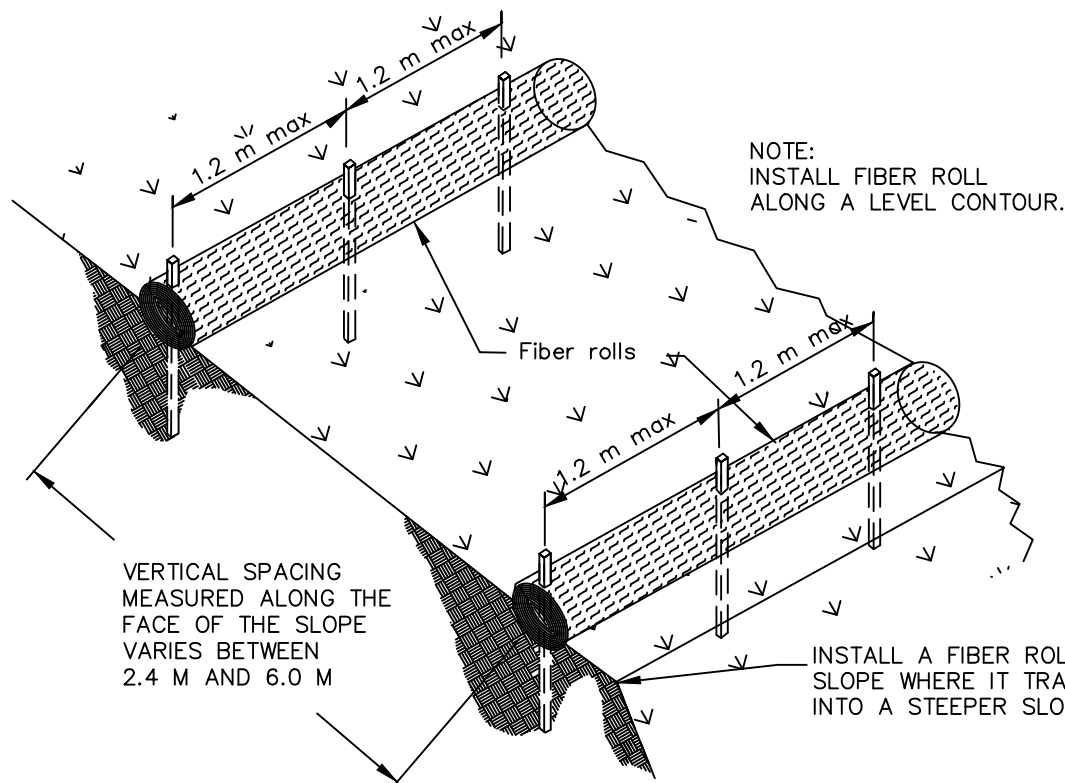
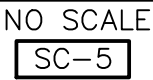
IF THIS BAR DOES NOT MEASURE 1\"/>



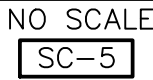
STABILIZED CONSTRUCTION ENTRANCE



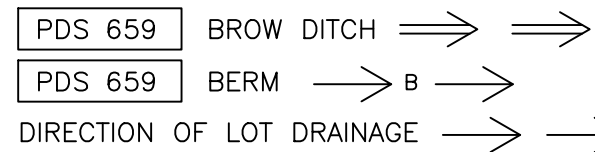
ENTRENCHMENT DETAIL



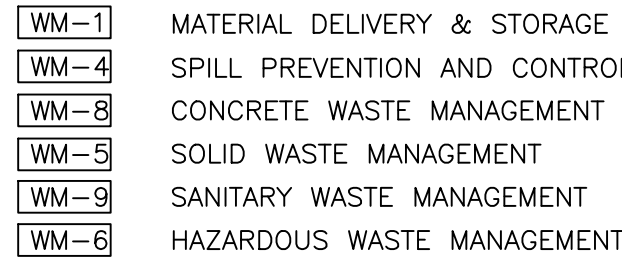
TYPICAL FIBER ROLL INSTALLATION



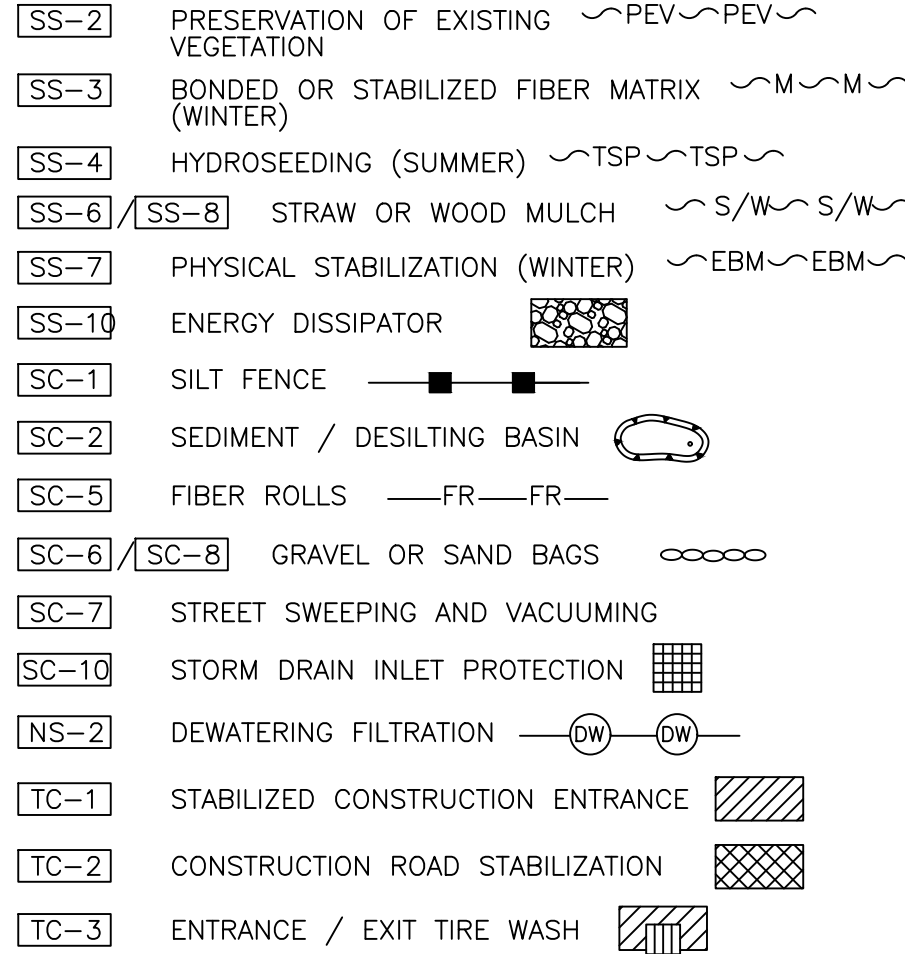
BMP LEGEND



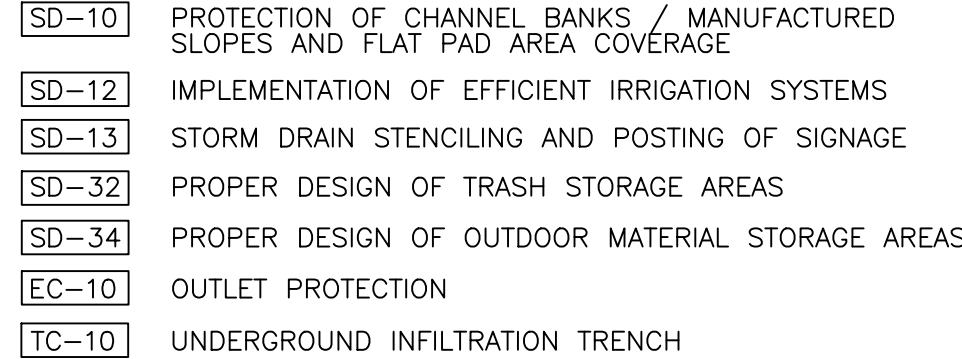
MATERIALS & WASTE MANAGEMENT CONTROL BMPs



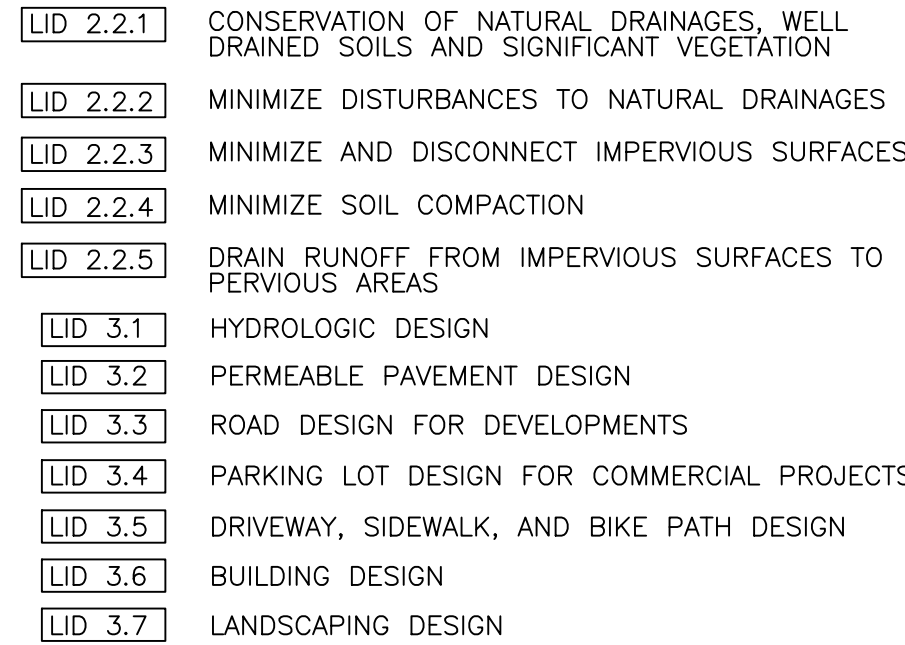
TEMPORARY RUNOFF CONTROL BMPs



PERMANENT BMPs



LOW IMPACT DEVELOPMENT BMPs



GRADING PLAN CERTIFICATION:

I, CERTIFY THAT THE GRADING AS SHOWN ON THIS MINOR GRADING PLAN SATISFIES THE REQUIREMENTS OF THE COUNTY OF SAN DIEGO GRADING ORDINANCE.

BY: _____ DATE: _____

RCE NO.: _____ EXPIRES _____

THE COUNTY IS NOT RESPONSIBLE FOR THE DESIGN IN ANYWAY.

BY: _____ DATE: _____

FOR: MARK WARDLAW, DIRECTOR, DEPARTMENT OF PLANNING & DEVELOPMENT SERVICES

ENGINEERING PERMIT NO.: _____

DISCRETIONARY PERMIT NO.: _____

PRIVATE CONTRACT

EROSION CONTROL PLAN FOR:
AIR OPERATION HANGERS

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS				PROJECT NO.	
FOR CITY ENGINEER				V.T.M.	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
AS-BUILTS					
CONTRACTOR			DATE STARTED		
INSPECTOR			DATE COMPLETED		
					C-4

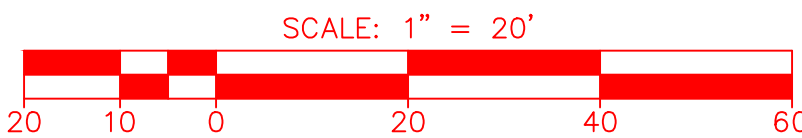
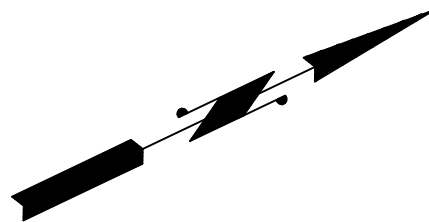
TAXIWAY CHARLIE

LIMITS OF WORK

PROPOSED PROJECT

DEMO CONSTRUCTION NOTES

- 1 EXISTING CHAIN LINK FENCE TO BE REMOVE
- 2 EXISTING ELECTRICAL CONDUIT/CABLE AND STRUCTURE TO BE REMOVED AND RELOCATED AROUND THE PROPOSED PROJECT AREA
- 3 EXISTING LANDSCAPING TO BE REMOVED, TYP.
- 4 EXISTING CONCRETE CURB TO BE REMOVED, TYP.
- 5 EXISTING UTILITIES TO BE PROTECTED OR RE-ROUTED, TYP.
- 6 PROPOSED RELOCATED ELECTRICAL STRUCTURE
- 7 EXISTING SANITARY TO BE MODIFIED
- 8 EXISTING GRAVEL TO BE REMOVED
- 9 EXISTING ASPHALT PAVEMENT TO BE REMOVED
- 10 EXISTING TRAILERS TO BE REMOVED



SEE MAINTENANCE ROAD
SHEETS FOR CONTINUATION

PROPOSED BUILDING

FAA FLIGHT TECH
OPS BUILDING

PROPOSED SEWER LINE

EXISTING SEWER TO BE
REMOVED

PROPOSED CONNECTION
POINT OF ELECTRICAL
AND GAS LINE

EXISTING SEWER LIFT
STATION TO BE REMOVED

EXISTING COMMUNICATION,
ELECTRICAL LINES AND STRUCTURE
TO BE REMOVED AND RELOCATED

PROPOSED RELOCATED
GAS AND ELECTRICAL
UTILITY LINE WITHIN NEW
10' EASEMENT

PROPOSED SEWER LINE

EXISTING SEWER TO BE
REMOVED

EXISTING ELECTRICAL
LINES TO BE REMOVED
AND RELOCATED

PROPOSED RELOCATED
ELECTRICAL LINE

PROPOSED TIE INTO
EXISTING ELECTRICAL LINE

PROPOSED 8" FIRE
UTILITY LINE

EXISTING COMMUNICATION
TO BE REMOVED AND
CAPPED

TIE PROPOSED COMMUNICATION
LINE INTO EXISTING

EXISTING 15' WIDE PRIVATE ACCESS
ROAD FROM PONDEROSA AVE.

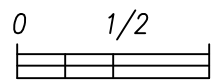
EXISTING SHALLOW
≈24" SQUASH CORRUGATED
METAL PIPE

EXISTING A.C.
PAVEMENT

PROPOSED CATCH BASIN AND
PROPOSED OIL WATER SEPARATOR
FOR FUEL SPILL CONTAINMENT

CONSTRUCTION CHANGE TABLE

CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT

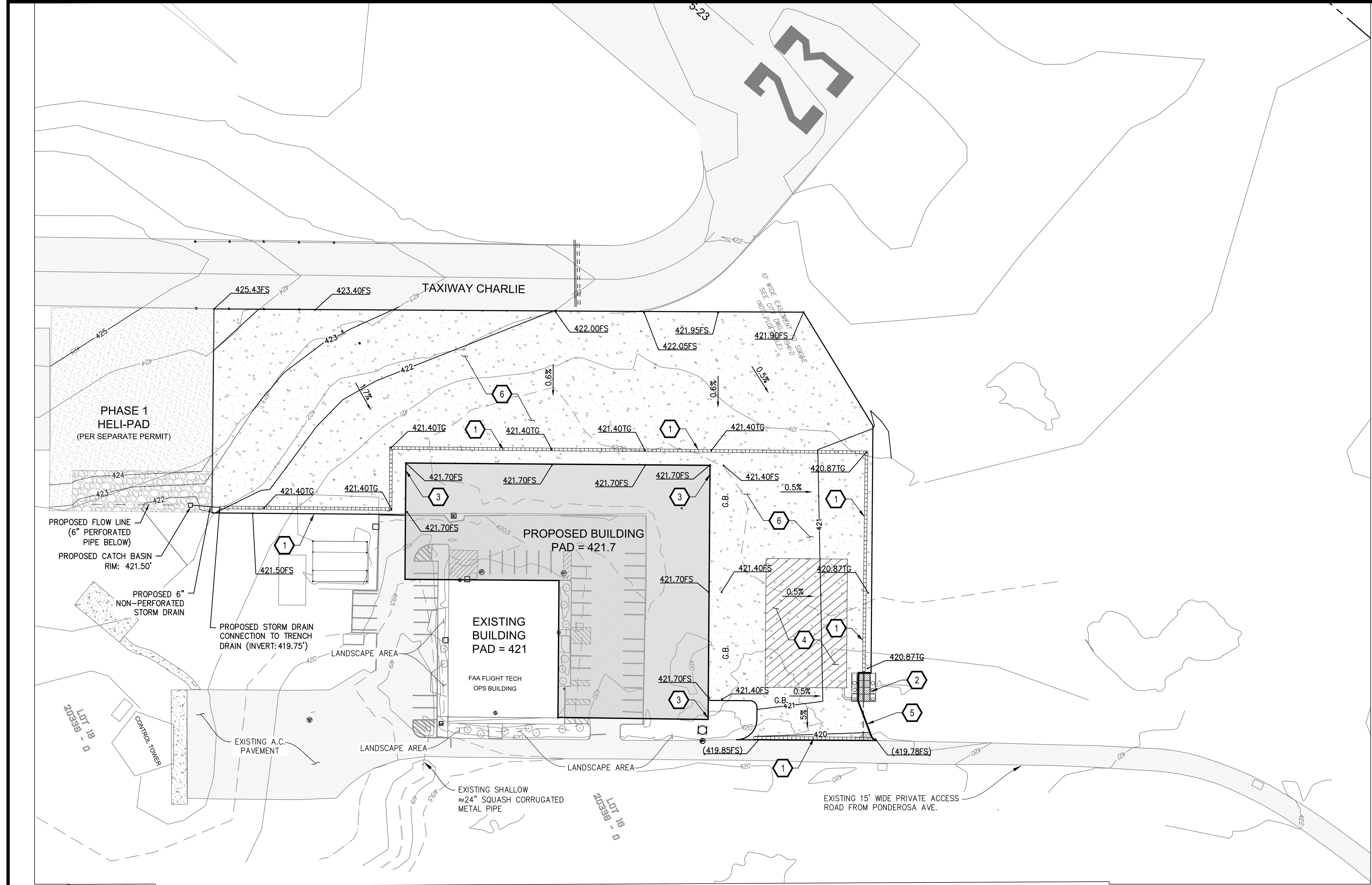
STREET DATA TABLE

STREET NAME	CLASSIFICATION	SPEED (MPH)	ADT (VEHICLES)	R/W (FT)

PRIVATE CONTRACT

DEMOLITION PLAN FOR:
AIR OPERATION HANGERS

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO. _____
FOR CITY ENGINEER _____ DATE _____					V.T.M. _____
DESCRIPTION	BY	APPROVED	DATE	FILMED	32.817-117.136 NAD83 COORDINATES XXX-XXXX LAMBERT COORDINATES
ORIGINAL	XXX				
AS-BUILTS					
CONTRACTOR _____		DATE STARTED _____			
INSPECTOR _____		DATE COMPLETED _____			



CONSTRUCTION NOTES

- 1 PROPOSED TRAFFIC RATED PRECAST TRENCH DRAIN.
- 2 PROPOSED MODULAR WETLAND SYSTEM
- 3 PROPOSED ROOF DOWN SPOUTS TO WQ AND HMP FACILITIES
- 4 PROPOSED UNDERGROUND STORAGE FACILITY FOR 100% RETENTION OF 100 YEARS STORM FOR ALL PROPOSED IMPERVIOUS SURFACES
- 5 PROPOSED 6" CURB
- 6 PROPOSED 10" PCC PAVEMENT OVER 12" AGGREGATE BASE

OWNER/APPLICANT

CITY OF SAN DIEGO

PROJECT ADDRESS

3750 JOHN J. MONTGOMERY DR
SAN DIEGO, CA 92123

APN

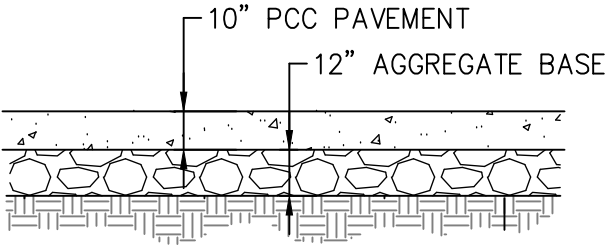
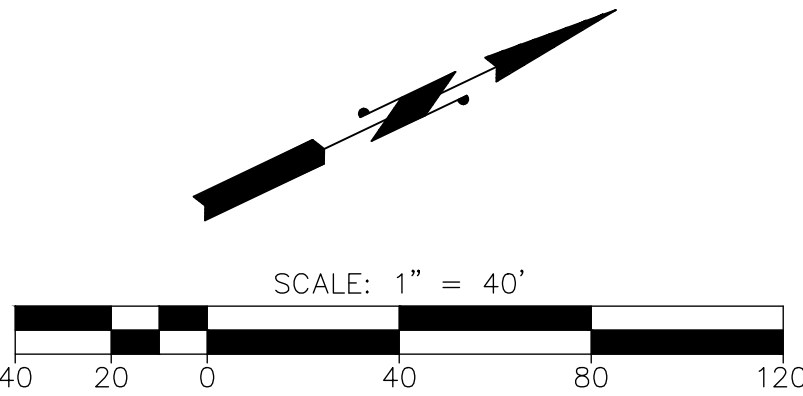
760-222-32, 760-104-83, 421-030-61

LEGAL DESCRIPTION

SUBLEASE(HANGAR #30) IN LOTS 5A&9 OF MONTGOMERY FIELD TR 10BLIC

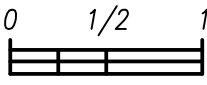
SITE AREA

502 ACRES



TYPICAL PAVEMENT SECTION

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

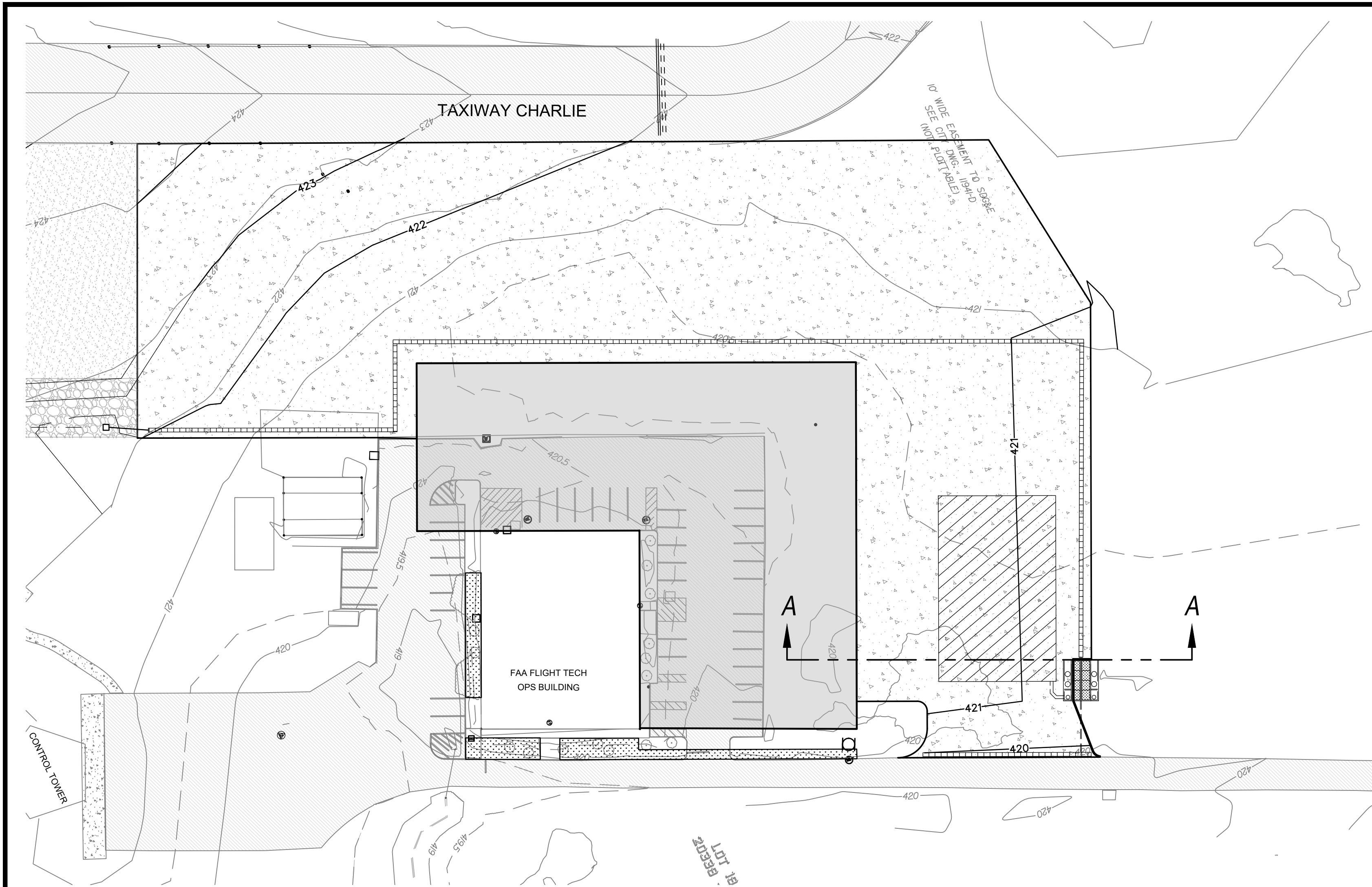
The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

ENGINEERING PERMIT NO: _____
DISCRETIONARY PERMIT NO: _____

PRIVATE CONTRACT

PRELIMINARY GRADING PLAN FOR:
AIR OPERATION HANGERS

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 2 SHEETS					PROJECT NO. _____
FOR CITY ENGINEER					V.T.M. _____
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	AP				
AS-BUILTS					
CONTRACTOR			DATE STARTED		
INSPECTOR			DATE COMPLETED		
					C-6



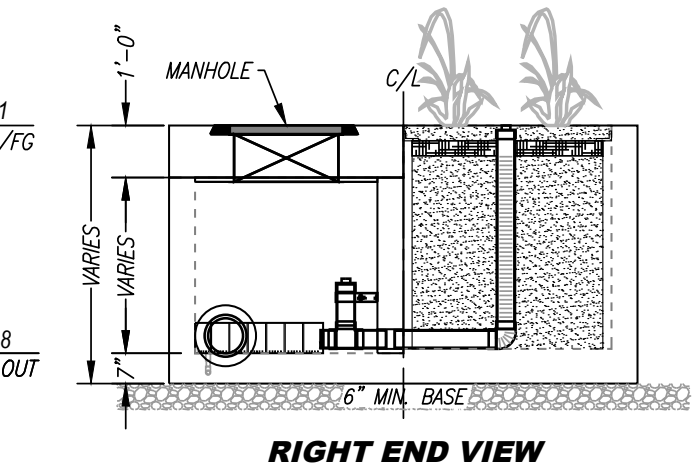
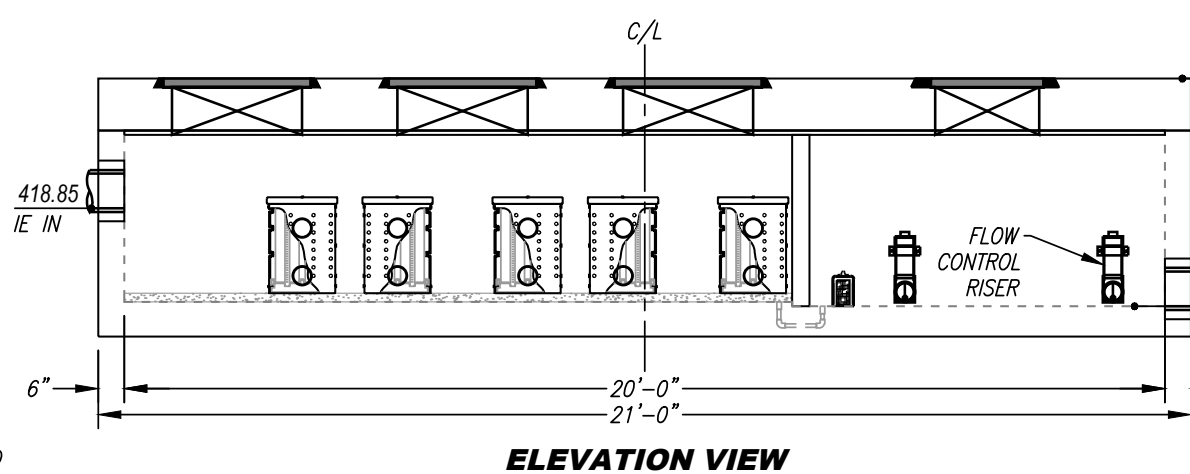
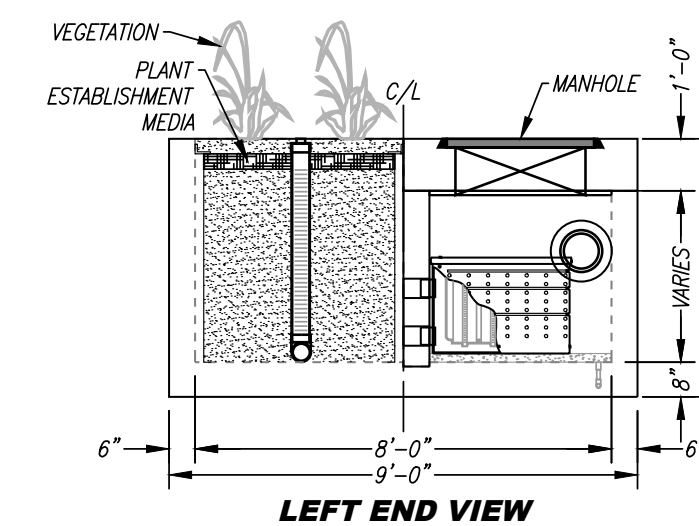
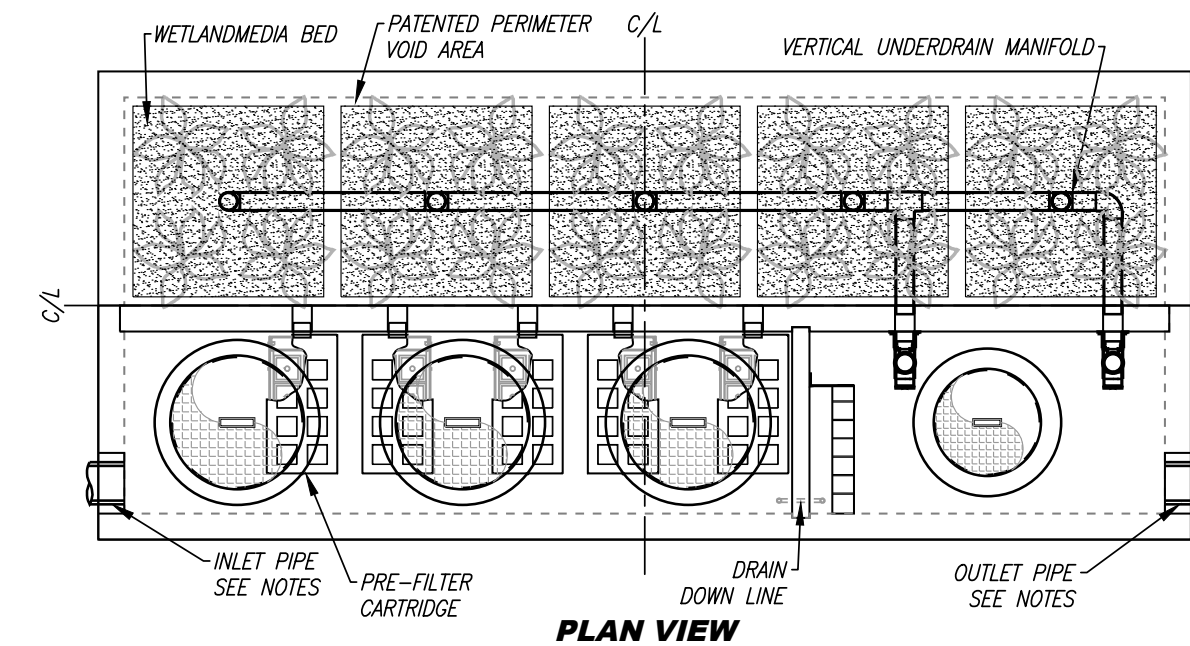
SITE SPECIFIC DATA			
PROJECT NUMBER	625280		
PROJECT NAME	Fire Rescue Air Ops Facility		
PROJECT LOCATION	Montgomery Airfield		
STRUCTURE ID			
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
N/A		0.577	
PEAK BYPASS REQUIRED (CFS) - IF APPLICABLE		DVERT	
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1	418.85'	RCP	6"
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE	418'	RCP	12"
PRETREATMENT		BIOFILTRATION	DISCHARGE
RIM ELEVATION	421 +/-		
SURFACE LOAD	OTHER LOADING - USER FILL		
FRAME & COVER	3CA #30"	OPEN PLANTER	#24"
NOTES:			
* PRELIMINARY NOT FOR CONSTRUCTION			

INSTALLATION NOTES

- CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
- UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
- CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATER TIGHT PER MANUFACTURERS STANDARD CONNECTION DETAIL.
- CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.
- VEGETATION SUPPLIED AND INSTALLED BY OTHERS. ALL UNITS WITH VEGETATION MUST HAVE DRIP OR SPRAY IRRIGATION SUPPLIED AND INSTALLED BY OTHERS.
- CONTRACTOR RESPONSIBLE FOR CONTACTING BIO CLEAN FOR ACTIVATION OF UNIT. MANUFACTURERS WARRANTY IS VOID WITH OUT PROPER ACTIVATION BY A BIO CLEAN REPRESENTATIVE.

GENERAL NOTES

- MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS AND ACCESSORIES PLEASE CONTACT BIO CLEAN.



TREATMENT FLOW (CFS)	0.577
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MWS-L-8-20-V
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

STORMWATER QUALITY NOTES / CONSTRUCTION BMP'S

- SUFFICIENT BMP'S MUST BE INSTALLED TO PREVENT SILT, MUD OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED IN TO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS. CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH WORK DAY AFTER A STORM EVENT THAT CAUSES A BREACH IN THE INSTALLED CONSTRUCTION BMP'S.
- ALL STOCK PILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD GREATER THAN SEVEN CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS. SUCH SOIL MUST BE PROTECTED EACH DAY WHEN THE PROBABILITY OF RAIN IS 40% OR GREATER.
- A CONCRETE WASHOUT SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS THAT ARE TO BE POURED IN PLACE ON THE SITE.
- ALL EROSION/SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN WORKING ORDER AT ALL TIMES.
- ALL SLOPES THAT ARE GRADED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
- THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OR POLLUTANTS INTO THE ENVIRONMENT.

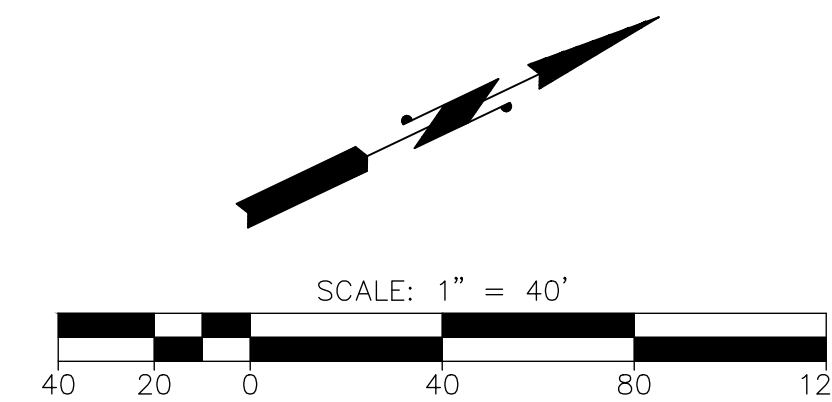
POST-CONSTRUCTION BMP LEGEND

MODULAR WETLAND SYSTEM

UNDERGROUND STORAGE

POST-CONSTRUCTION BMP'S

THIS PROJECT PROPOSES POST-CONSTRUCTION BEST MANAGEMENT PRACTICES AND LID MEASURES REQUIRED UNDER THE CITY OF SAN DIEGO STORM WATER MANAGEMENT AND DISCHARGE CONTROL ORDINANCE (SECTION 43.03)



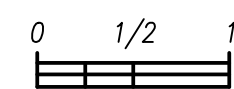
ENGINEERING PERMIT NO.: _____
DISCRETIONARY PERMIT NO.: _____

PRIVATE CONTRACT

PRELIMINARY GRADING PLAN FOR:
AIR OPERATION HANGERS

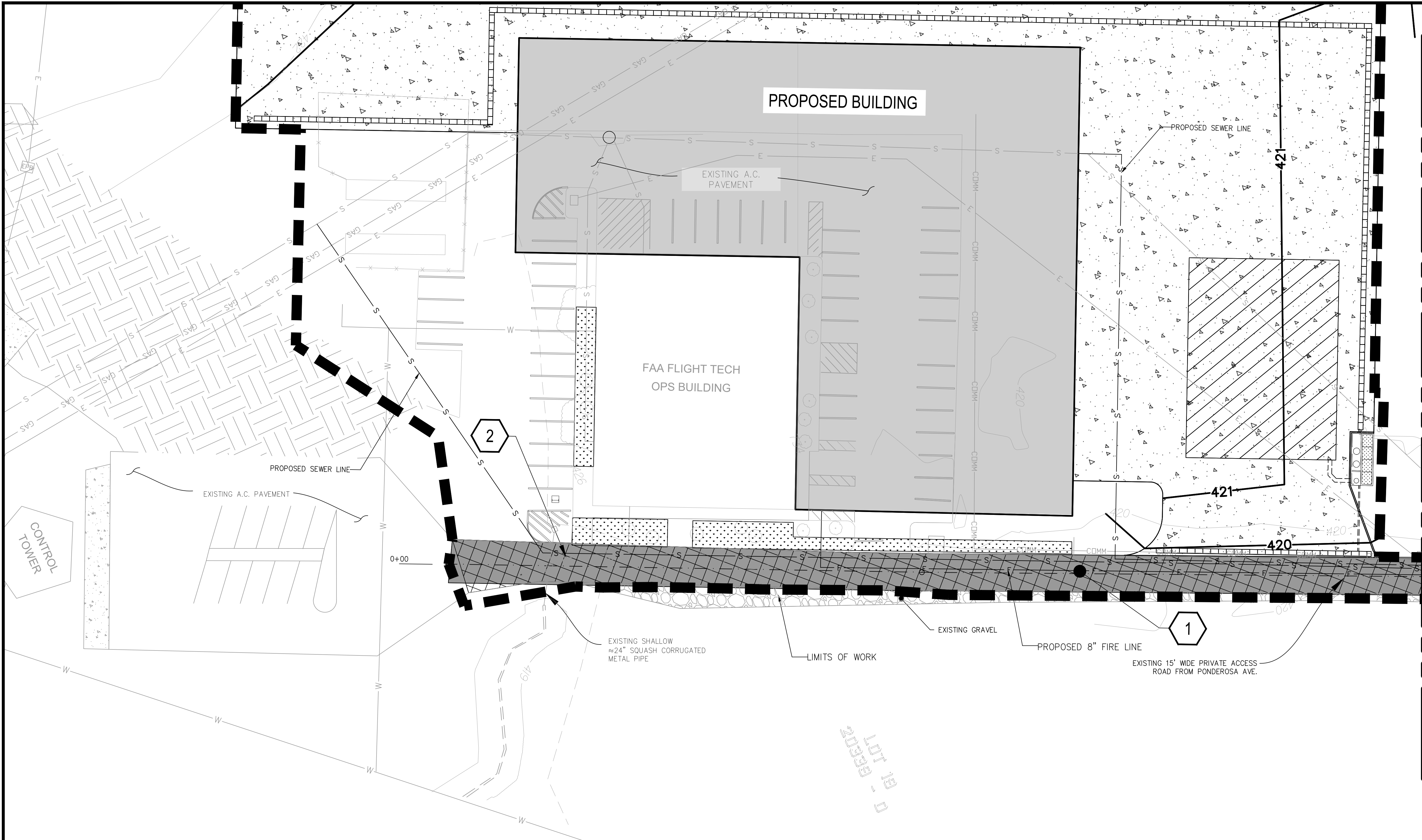
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 2 OF 2 SHEETS				PROJECT NO. _____
FOR CITY ENGINEER				V.T.M.
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	AP			
AS-BUILTS				
CONTRACTOR				DATE STARTED
INSPECTOR				DATE COMPLETED
				C-7

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT



DEMO CONSTRUCTION NOTES

- 1 EXISTING ASPHALT CONCRETE PAVEMENT TO BE REMOVED, 1-INCH MIN.
- 2 EXISTING COMMUNICATION PULL BOX TO BE PROTECTED
- 3 EXISTING ELECTRICAL PULL BOX TO BE PROTECTED

MATCHLINE, SEE STATION 4+00

PI Station	Northing	Easting	Distance	Direction
0+00.00	1,878,328.5142'	6,289,743.5878'	627.933'	N25° 21' 38.87"E

* NOTE: ALIGNMENT BASED OFF LIDAR DATA
PROVIDED BY AIRPORT, CONTRACTOR TO VERIFY

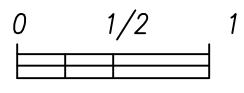
Tangent Data				
Description	PT Station	Northing	Easting	
Start:	0+00.000	1878328.514	6289743.588	
End:	5+90.229	1878862.767	6289994.475	
Tangent Data				
Parameter	Value	Parameter	Value	
Length:	590.229	Course:	N 25° 09' 17.7955" E	

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

DEMOLITION PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO.
FOR CITY ENGINEER					V.T.M.
DESCRIPTION	BY	DATE	APPROVED	DATE	FILMED
ORIGINAL	XXX				
AS-BUILTS					32.817-117.136 NAD83 COORDINATES
CONTRACTOR					XXX-XXXX LAMBERT COORDINATES
INSPECTOR					C-8

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT



C&S Engineers, Inc.
2355 Northside, Dr., Suite 350
San Diego, California 92108
Phone: 619-296-9373
www.cscos.com

PI Station	Northing	Easting	Distance	Direction
6+28.00	1,878,895.9320'	6,290,012.5420'		
			91.572'	N49° 54' 18.50"E
7+18.67	1,878,954.9096'	6,290,082.5929'		
			114.310'	N65° 58' 23.14"E
8+32.29	1,879,001.4528'	6,290,186.9987'		
			291.616'	N65° 37' 00.61"E

Curve Point Data			
Description	Station	Northing	Easting
PC:	5+90.229	1878862.767	6289994.475
RP:		1878768.338	6290167.816
PCC:	6+64.861	1878920.085	6290041.576
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	21° 39' 46.2995"	Type:	RIGHT
Radius:	197.393		
Length:	74.632	Tangent:	37.767
Mid-Ord:	3.517	External:	3.58
Chord:	74.188	Course:	N 39° 24' 39.7139" E
Curve Point Data			
Description	Station	Northing	Easting
PCC:	6+64.861	1878920.085	6290041.576
RP:		1878625.745	6290291.474
PT:	7+71.785	1878977.193	6290131.568
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	15° 51' 59.6014"	Type:	RIGHT
Radius:	386.115		
Length:	106.924	Tangent:	53.807
Mid-Ord:	3.695	External:	3.731
Chord:	106.583	Course:	N 57° 36' 05.9342" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	7+71.785	1878977.193	6290131.568
End:	8+32.292	1879001.453	6290186.999
Tangent Data			
Parameter	Value	Parameter	Value
Length:	60.507	Course:	N 66° 21' 45.8682" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	8+32.292	1879001.453	6290186.999
End:	11+23.908	1879121.843	6290452.604
Tangent Data			
Parameter	Value	Parameter	Value
Length:	291.616	Course:	N 65° 37' 00.6127" E

* NOTE: ALIGNMENT BASED OFF LIDAR DATA
PROVIDED BY AIRPORT, CONTRACTOR TO VERIFY

DEMO CONSTRUCTION NOTES

- 1
- EXISTING ASPHALT CONCRETE PAVEMENT TO BE REMOVED, 1-INCH MIN.
- 2
- EXISTING COMMUNICATION PULL BOX TO BE PROTECTED
- 3
- EXISTING ELECTRICAL PULL BOX TO BE PROTECTED

MATCHLINE, SEE STATION 4+00

MATCHLINE, SEE STATION 8+50

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

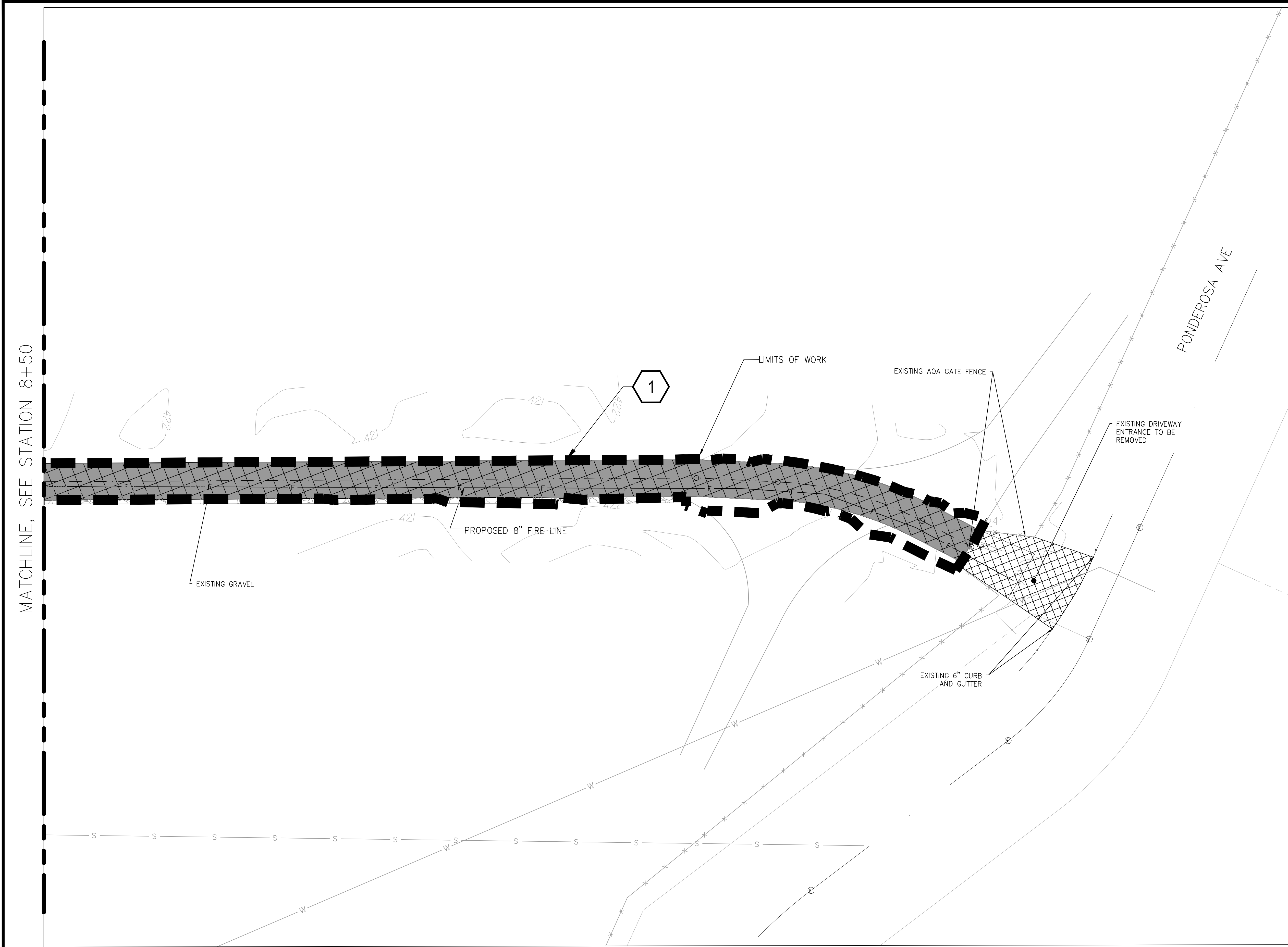


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San Diego, California 92108
Phone: 619-296-9373
www.cscos.com

ENGINEERING PERMIT NO: _____
DISCRETIONARY PERMIT NO: _____

PRIVATE CONTRACT

DEMOLITION PLAN FOR:					
AIR FIRE RESCUE MAINTENANCE ROAD					
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO. _____
FOR CITY ENGINEER					V.T.M. _____
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
AS-BUILTS					32.817-117.136 NAD83 COORDINATES
CONTRACTOR		DATE STARTED			XXX-XXXX LAMBERT COORDINATES
INSPECTOR		DATE COMPLETED			C-9



DEMO CONSTRUCTION NOTES

- 1 EXISTING ASPHALT CONCRETE PAVEMENT TO BE REMOVED, 1-INCH MIN.
- 2 EXISTING COMMUNICATION PULL BOX TO BE PROTECTED
- 3 EXISTING ELECTRICAL PULL BOX TO BE PROTECTED

Tangent Data			
Description	PT Station	Northing	Easting
Start:	11+23.908	1879121.843	6290452.604
End:	11+57.261	1879133.939	6290483.686
Tangent Data			
Parameter	Value	Parameter	Value
Length:	33.353	Course:	N 68° 44' 08.2965" E

Curve Point Data			
Description	Station	Northing	Easting
PC:	11+57.261	1879133.939	6290483.686
RP:		1879001.141	6290535.367
PT:	12+18.782	1879143.379	6290543.996
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	24° 44' 09.0797"	Type:	RIGHT
Radius:	142.5		
Length:	61.52	Tangent:	31.247
Mid-Ord:	3.307	External:	3.386
Chord:	61.044	Course:	N 81° 06' 12.8363" E

Tangent Data			
Description	PT Station	Northing	Easting
Start:	12+18.782	1879143.379	6290543.996
End:	12+41.503	1879142.003	6290566.675
Tangent Data			
Parameter	Value	Parameter	Value
Length:	22.721	Course:	S 86° 31' 42.6238" E

PI Station	Northing	Easting	Distance	Direction
11+23.91	1,879,121.8428'	6,290,452.6043'		
			64.600'	N68° 44' 08.30" E
11+88.51	1,879,145.2713'	6,290,512.8060'		
			53.968'	S86° 31' 42.62" E
12+41.50	1,879,142.0034'	6,290,566.6749'		

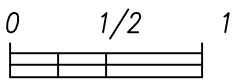
* NOTE: ALIGNMENT BASED OFF LIDAR DATA
PROVIDED BY AIRPORT, CONTRACTOR TO VERIFY

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

DEMOLITION PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO.
FOR CITY ENGINEER					V.T.M.
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
					32.817-117.136 NAD83 COORDINATES
					XXX-XXXX LAMBERT COORDINATES
AS-BUILTS					
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			
					C-10

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



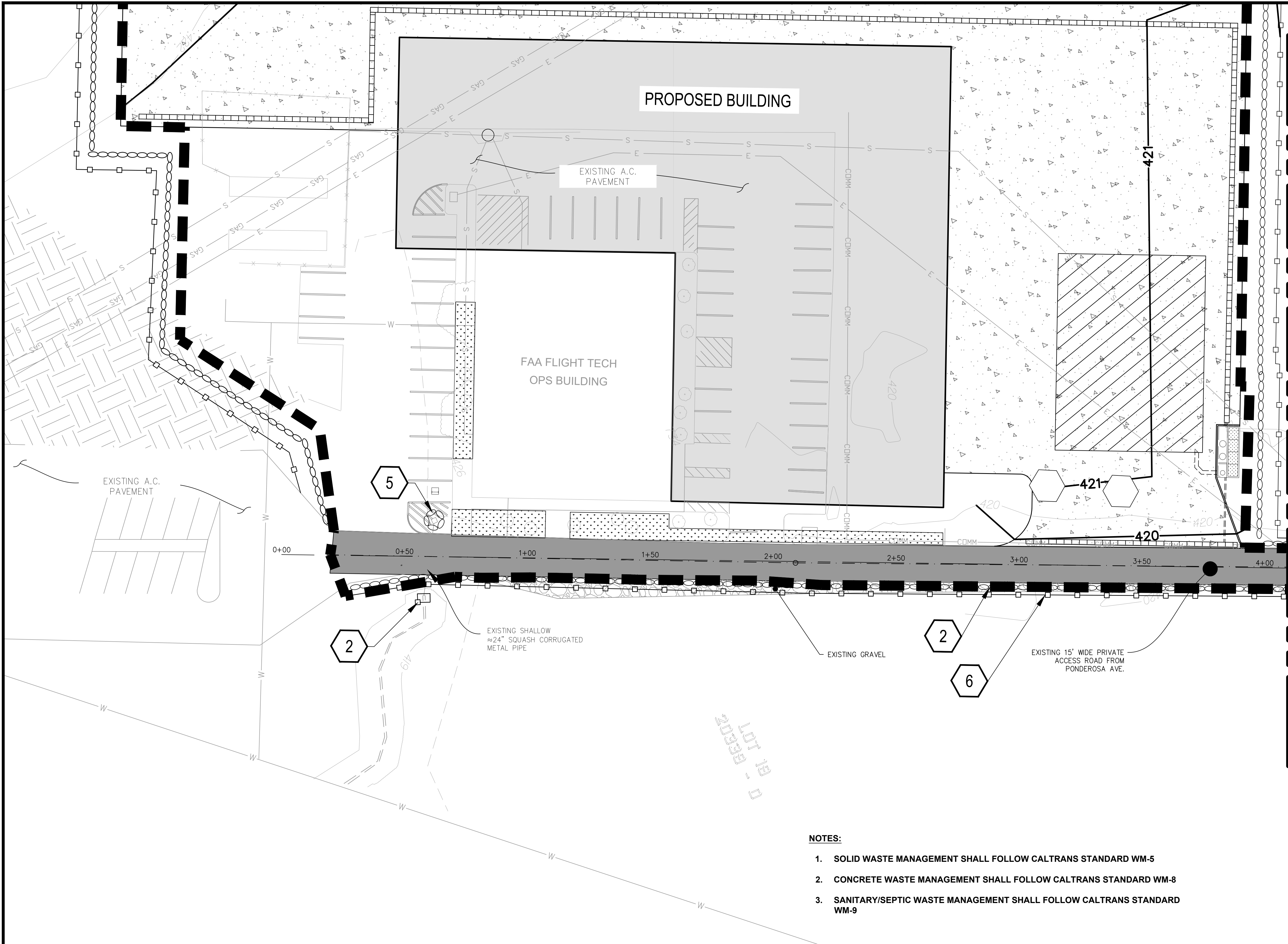
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DEVELOPMENT SERVICES DEPARTMENT



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EROSION CONTROL CONSTRUCTION NOTES

- 1. CONSTRUCT CONSTRUCTION STAGING AREA WITH THE SAME STRUCTURAL SECTION AS THE ALL-WEATHER CONSTRUCTION ACCESS; LOCATION TO BE DETERMINED
- 2. INSTALL GRAVEL BAGS ALONG PERIMETER AREA FOR SEDIMENT CONTROL PER DETAIL ON SHEET 5 (TYP.)
- 3. CONSTRUCT STANDARD STABILIZED ENTRANCE PER DETAIL ON SHEET 5
- 4. MATERIAL DELIVERY AND STORAGE AREA PER CALTRANS STANDARD WM-1
- 5. INSTALL DRAIN INLET PROTECTION PER DETAIL ON SHEET 5 (TYP.)
- 6. INSTALL SILT FENCE PER DETAIL ON SHEET 5 (TYP.)

LEGEND:

- PROPOSED INLET PROTECTION
- PROPOSED SILT FENCE
- PROPOSED GRAVEL BAGS
- PROPOSED GRATED CATCH BASIN
- PROPOSED DRAIN INLET PROTECTION
- PROPOSED RIP RAP OUTFALL
- PROPOSED MATERIAL STORAGE AREA
- PROPOSED STABILIZED ENTRANCE

MATCHLINE, SEE STATION 4+00

NOTES:

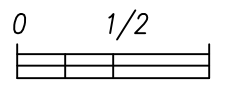
- 1. SOLID WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-5
- 2. CONCRETE WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-8
- 3. SANITARY/SEPTIC WASTE MANAGEMENT SHALL FOLLOW CALTRANS STANDARD WM-9

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

EROSION CONTROL PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO. _____
FOR CITY ENGINEER _____ DATE _____					V.T.M. _____
DESCRIPTION	BY	APPROVED	DATE	FILMED	32.817-117.136 NAD83 COORDINATES XXX-XXXX LAMBERT COORDINATES
ORIGINAL	XXX				
AS-BUILTS					
CONTRACTOR _____			DATE STARTED _____		C-11
INSPECTOR _____			DATE COMPLETED _____		

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



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EROSION CONTROL CONSTRUCTION NOTES

- 1

CONSTRUCT CONSTRUCTION STAGING AREA WITH THE SAME STRUCTURAL SECTION AS THE ALL-WEATHER CONSTRUCTION ACCESS; LOCATION TO BE DETERMINED
- 2

INSTALL GRAVEL BAGS ALONG PERIMETER AREA FOR SEDIMENT CONTROL PER DETAIL ON SHEET 5 (TYP.)
- 3


CONSTRUCT STANDARD STABILIZED ENTRANCE PER DETAIL ON SHEET 5
- 4


MATERIAL DELIVERY AND STORAGE AREA PER CALTRANS STANDARD WM-1
- 5


INSTALL DRAIN INLET PROTECTION PER DETAIL ON SHEET 5 (TYP.)
- 6


INSTALL SILT FENCE PER DETAIL ON SHEET 5 (TYP.)


LEGEND:


- 


PROPOSED INLET PROTECTION
- 

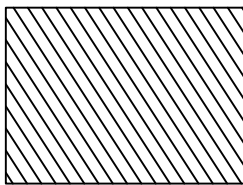
PROPOSED SILT FENCE
- 

PROPOSED GRAVEL BAGS
- 

PROPOSED GRATED CATCH BASIN
- 

PROPOSED DRAIN INLET PROTECTION
- 

PROPOSED RIP RAP OUTFALL
- 

PROPOSED MATERIAL STORAGE AREA
- 

PROPOSED STABILIZED ENTRANCE

MATCHLINE, SEE STATION 4+00

MATCHLINE, SEE STATION 8+50

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

EROSION CONTROL PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO. _____
_____ FOR CITY ENGINEER					V.T.M. _____
_____ DATE					
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
					32.817-117.136 NAD83 COORDINATES
					XXX-XXXX LAMBERT COORDINATES
AS-BUILTS					
CONTRACTOR		DATE STARTED			C-12
INSPECTOR		DATE COMPLETED			

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



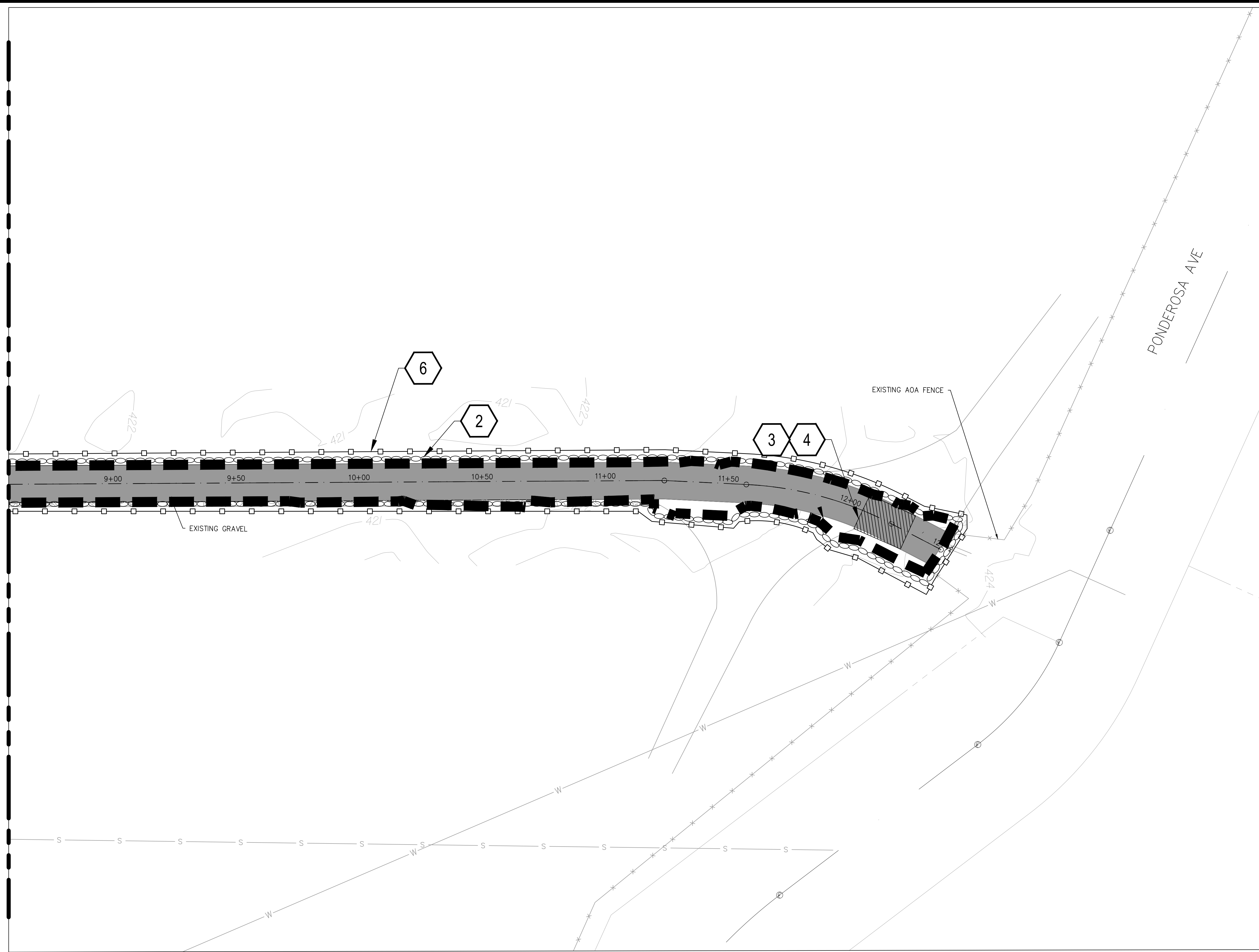
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MATCHLINE, SEE STATION 8+50



EROSION CONTROL CONSTRUCTION NOTES

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LEGEND:

- PROPOSED INLET PROTECTION
- PROPOSED SILT FENCE
- PROPOSED GRAVEL BAGS
- PROPOSED GRATED CATCH BASIN
- PROPOSED DRAIN INLET PROTECTION
- PROPOSED RIP RAP OUTFALL
- PROPOSED MATERIAL STORAGE AREA
- PROPOSED STABILIZED ENTRANCE

ENGINEERING PERMIT NO.: _____
DISCRETIONARY PERMIT NO.: _____
PRIVATE CONTRACT

**EROSION CONTROL PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD**

CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO. _____
FOR CITY ENGINEER					V.T.M. _____
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
AS-BUILTS					
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			
					32.817-117.136 NAD83 COORDINATES XXX-XXXX LAMBERT COORDINATES
					C-13

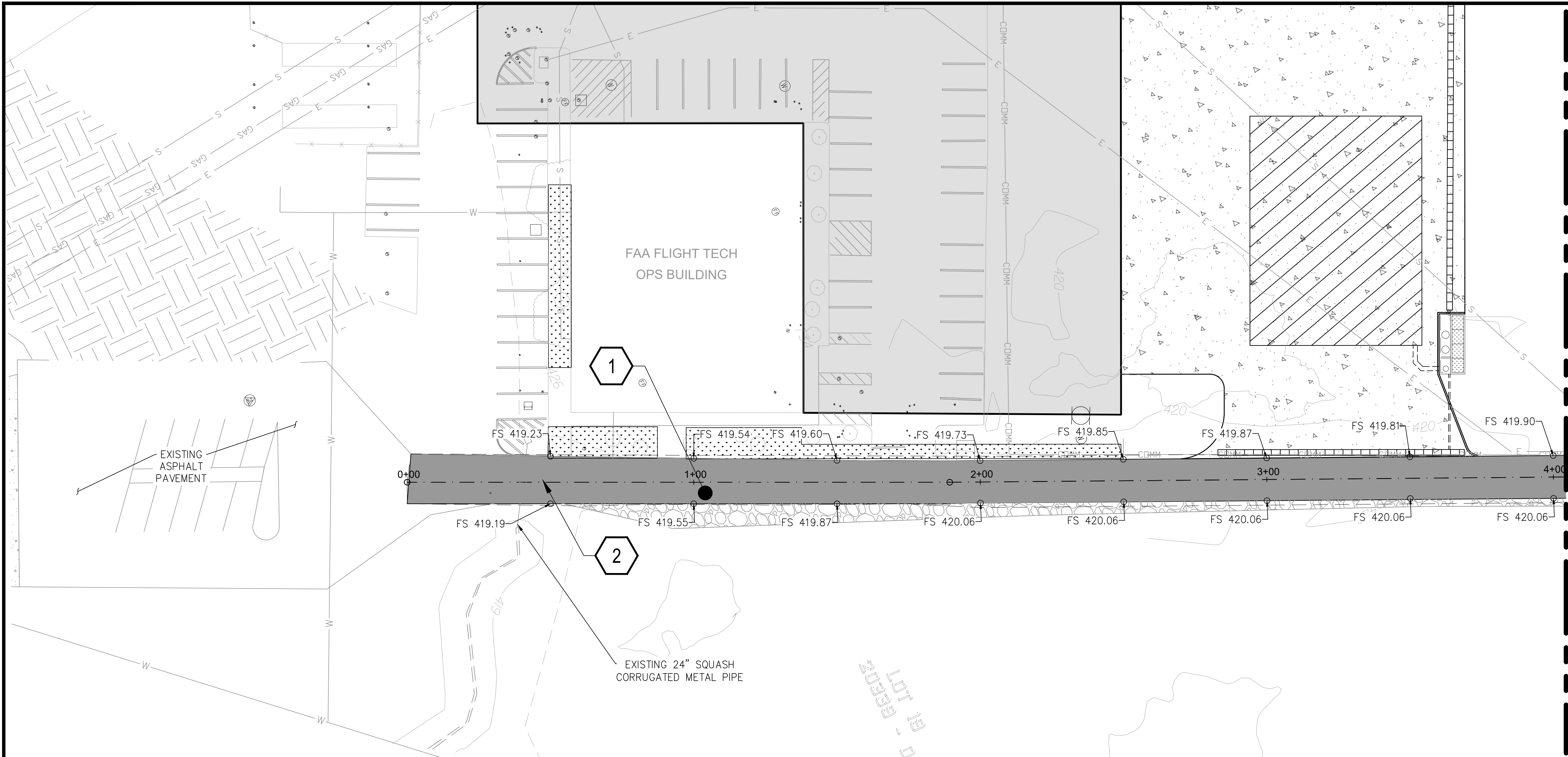
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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

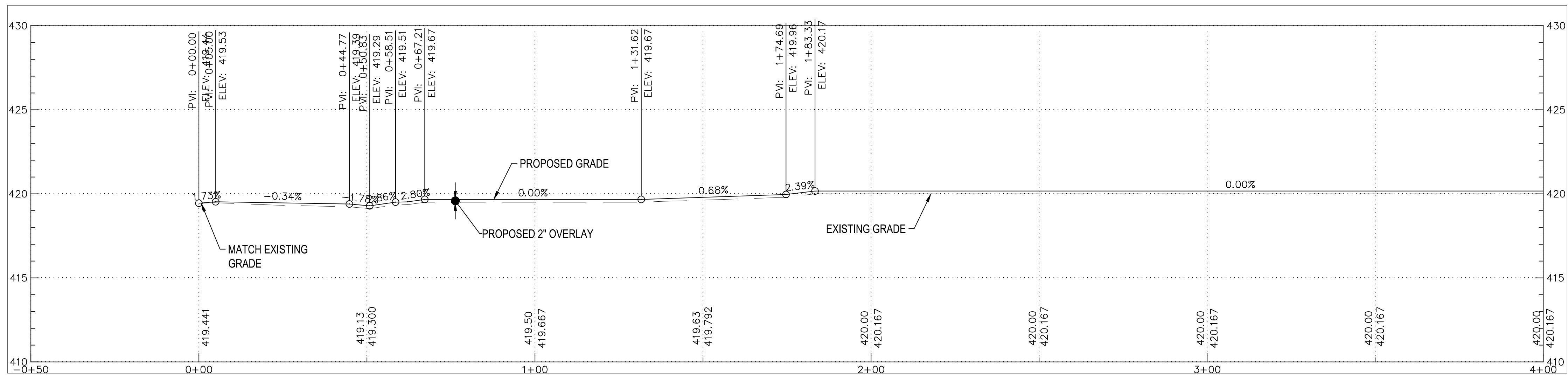
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PLAN VIEW



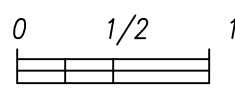
PROFILE VIEW

GRADING CONSTRUCTION NOTES

- 1 PROPOSED 2" OVERLAY, CALTRANS SECTION 39, PER DETAIL ON SHEET
- 2 EXISTING UTILITY PULL BOX TO BE PROTECTED AND RAISED TO PROPOSED GRADE

MATCHLINE, SEE STATION 4+00

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.



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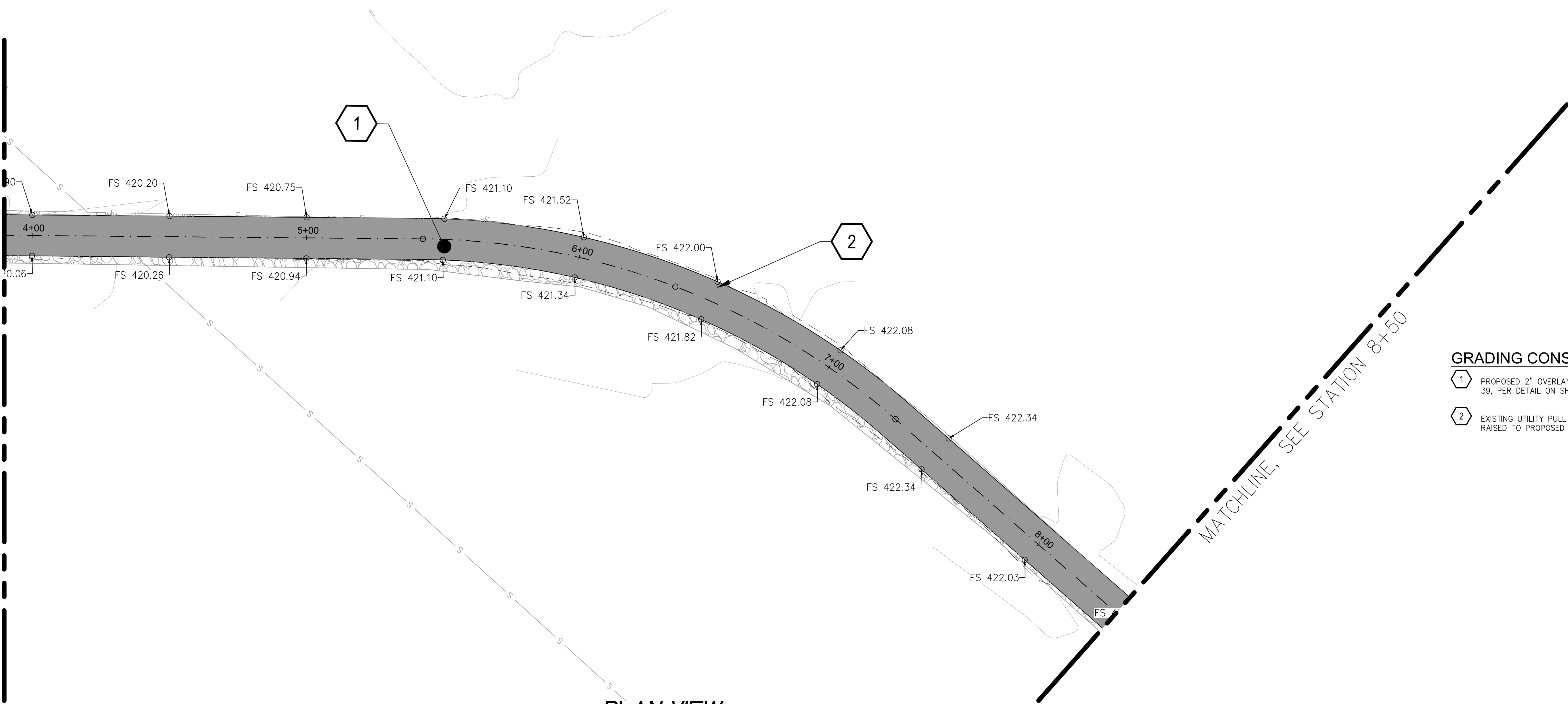
ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

GRADING PLAN FOR:
AIR FIRE RESCUE MAINTENANCE ROAD

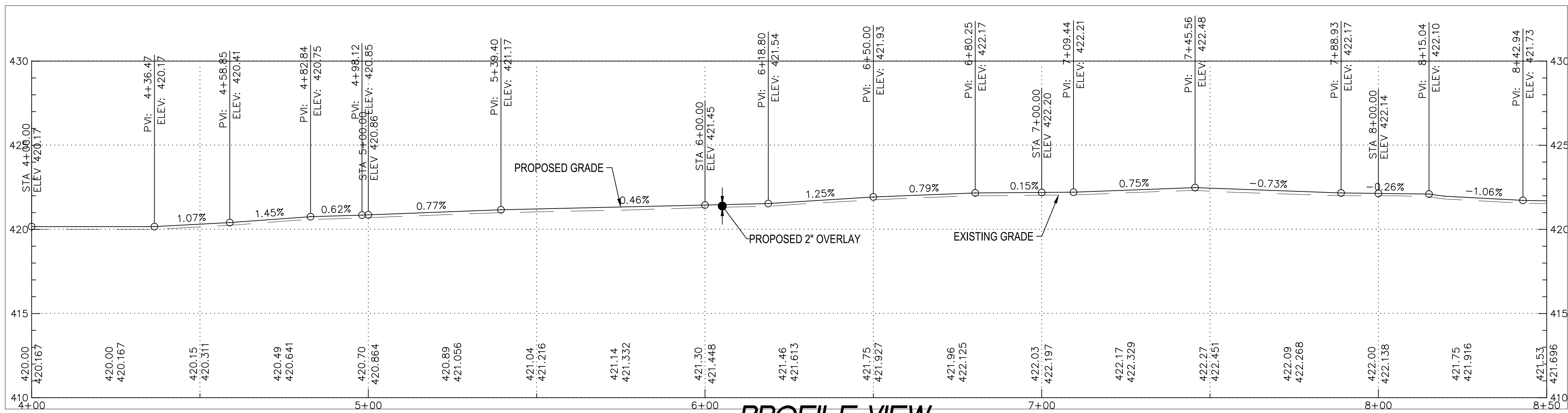
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS					PROJECT NO.
FOR CITY ENGINEER					V.T.M.
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	XXX				
AS-BUILTS					
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			
					C-14

MATCHLINE, SEE STATION 4+00

MATCHLINE, SEE STATION 8+50



PLAN VIEW



PROFILE VIEW

GRADING CONSTRUCTION NOTES

- 1 PROPOSED 2" OVERLAY, CALTRANS SECTION 39, PER DETAIL ON SHEET
- 2 EXISTING UTILITY PULL BOX TO BE PROTECTED AND RAISED TO PROPOSED GRADE

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

GRADING PLAN FOR: AIR FIRE RESCUE MAINTENANCE ROAD				PROJECT NO. _____
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS				V.T.M. _____
FOR CITY ENGINEER	DATE	APPROVED	DATE	FILMED
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XXX			
AS-BUILTS				
CONTRACTOR	DATE STARTED			
INSPECTOR	DATE COMPLETED			
				C-15

CONSTRUCTION CHANGE TABLE				
CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.

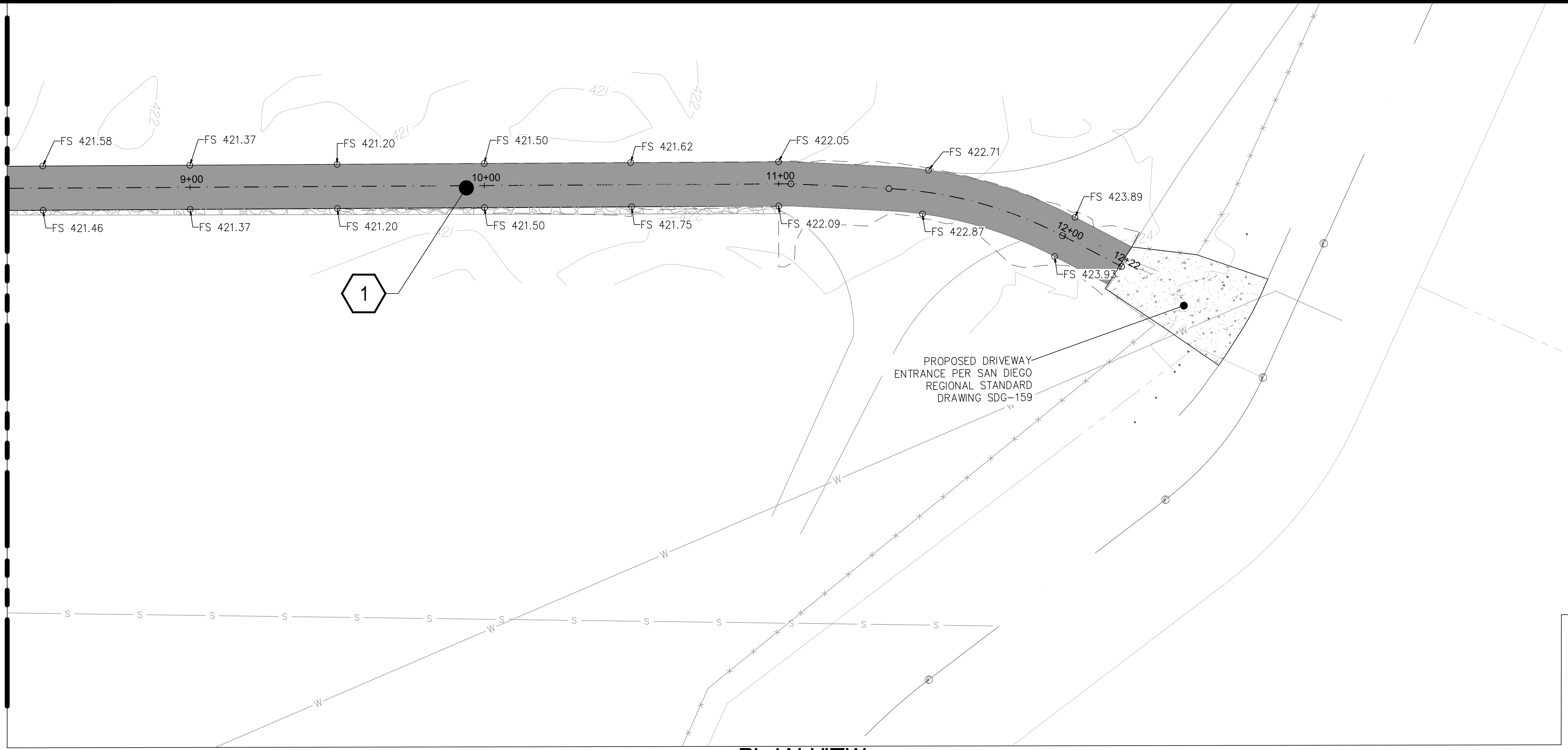
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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

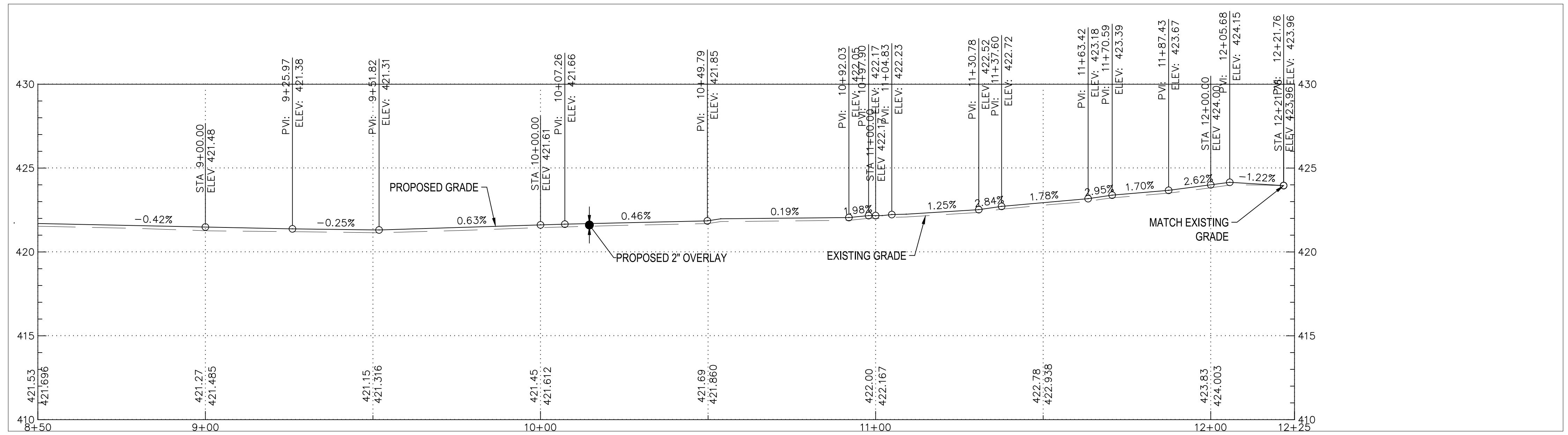


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MATCHLINE, SEE STATION 8+50



PLAN VIEW



PROFILE VIEW

GRADING CONSTRUCTION NOTES

1 PROPOSED 2" OVERLAY, CALTRANS SECTION 39, PER DETAIL ON SHEET

ENGINEERING PERMIT NO.:
DISCRETIONARY PERMIT NO.:
PRIVATE CONTRACT

GRADING PLAN FOR:				
AIR FIRE RESCUE MAINTENANCE ROAD				
CITY OF SAN DIEGO, CALIFORNIA DEVELOPMENT SERVICES DEPARTMENT SHEET 1 OF 9 SHEETS				PROJECT NO.
FOR CITY ENGINEER				V.T.M.
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	XXX			
AS-BUILTS				
CONTRACTOR				DATE STARTED
INSPECTOR				DATE COMPLETED
				C-16

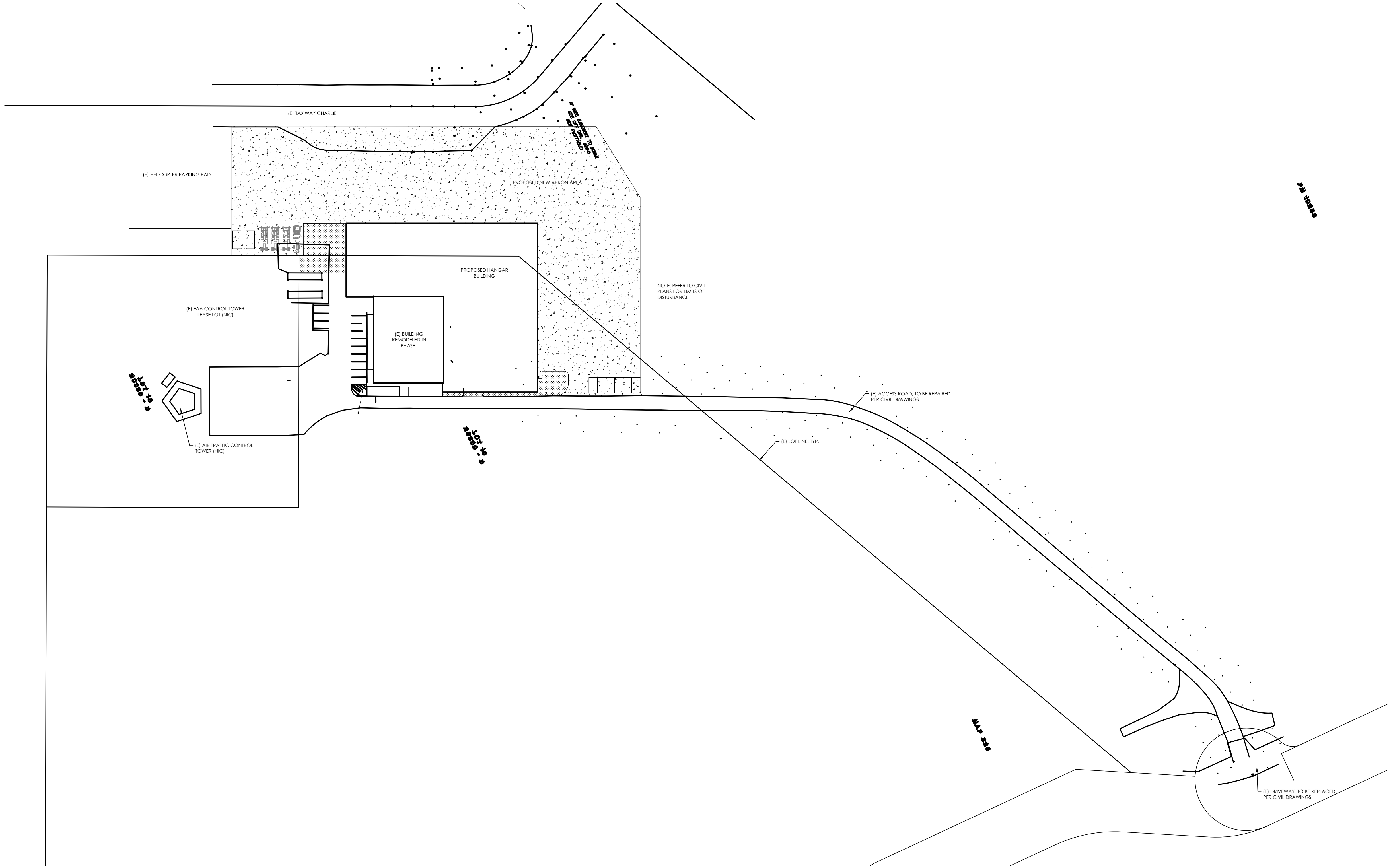
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CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.	PROJECT NO.

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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

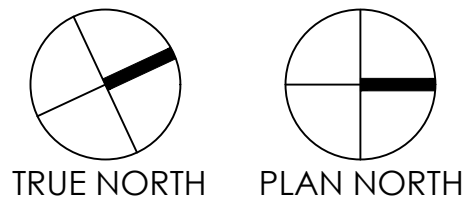
The City of
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DEVELOPMENT SERVICES DEPARTMENT



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1 Site Plan
1/32"=1'-0"



A-001

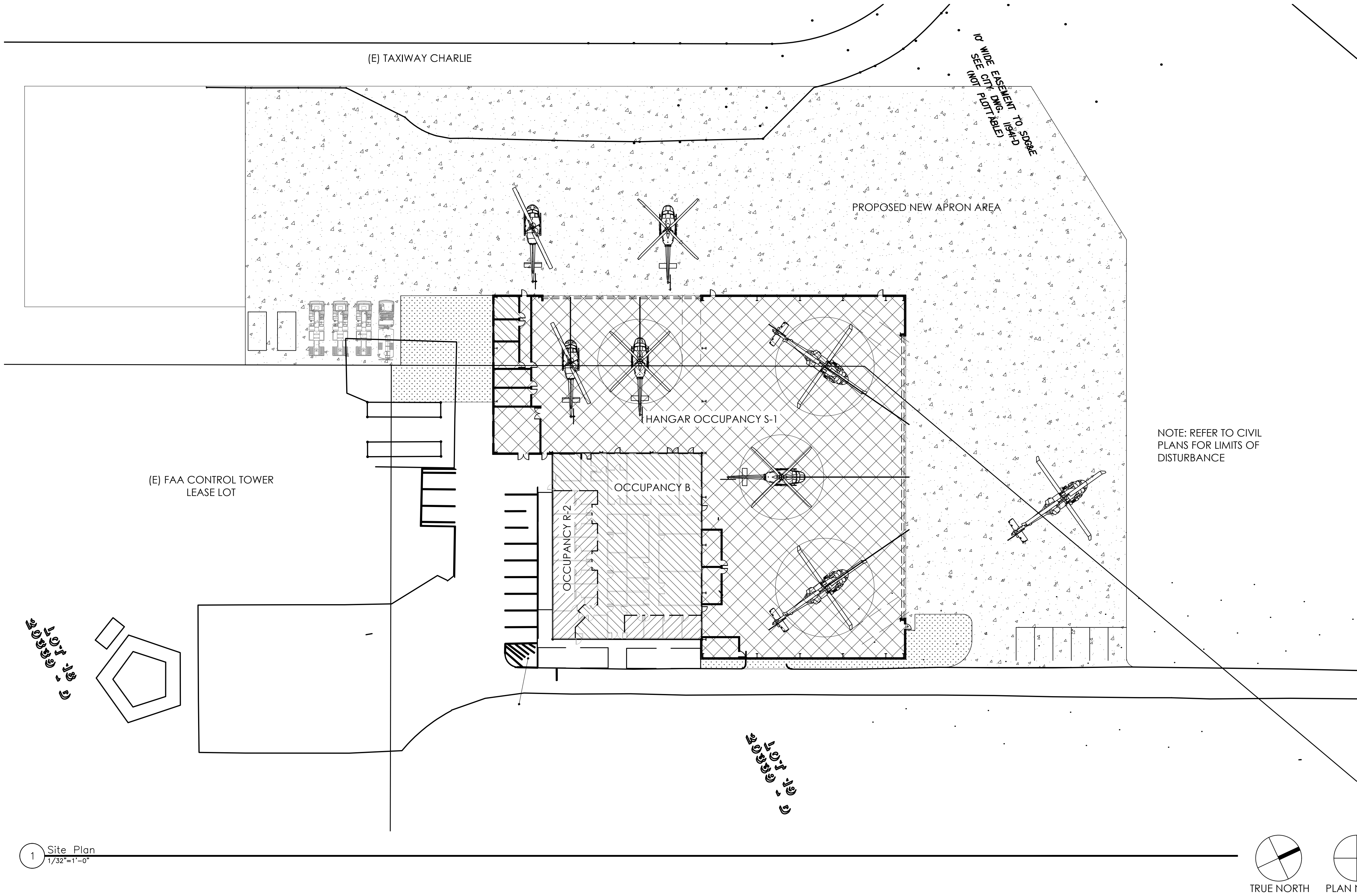
SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)
OVERALL SITE PLAN

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



CONSULTANT		SPEC. NO.	CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT out of				WBS
	PLATT/WHITELAW ARCHITECTS, INC.		APPROVED: FOR CITY ENGINEER		DATE		SUBMITTED BY: JAMES BOTICA PROJECT MANAGER
			PRINT NAME		RCE#		CHECKED BY: PROJECT ENGINEER
			DESCRIPTION	BY	APPROVED	DATE	FILED
CONTRACTOR INSPECTOR		DATE STARTED		DATE COMPLETED		XXXXX - - D	



A-002

SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)
AIR OPERATIONS SITE PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
out of

WBS

APPROVED: FOR CITY ENGINEER DATE
PRINT NAME RCE#

SUBMITTED BY: JAMES BOTICA
PROJECT MANAGER
CHECKED BY: PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED

CCS27 COORDINATE
CCS83 COORDINATE
XXXXX - - D

CONTRACTOR INSPECTOR DATE STARTED DATE COMPLETED

CONSULTANT

SPEC. NO.



PLATT/WHITELAW
ARCHITECTS, INC.

The City of
SAN DIEGO Public Works

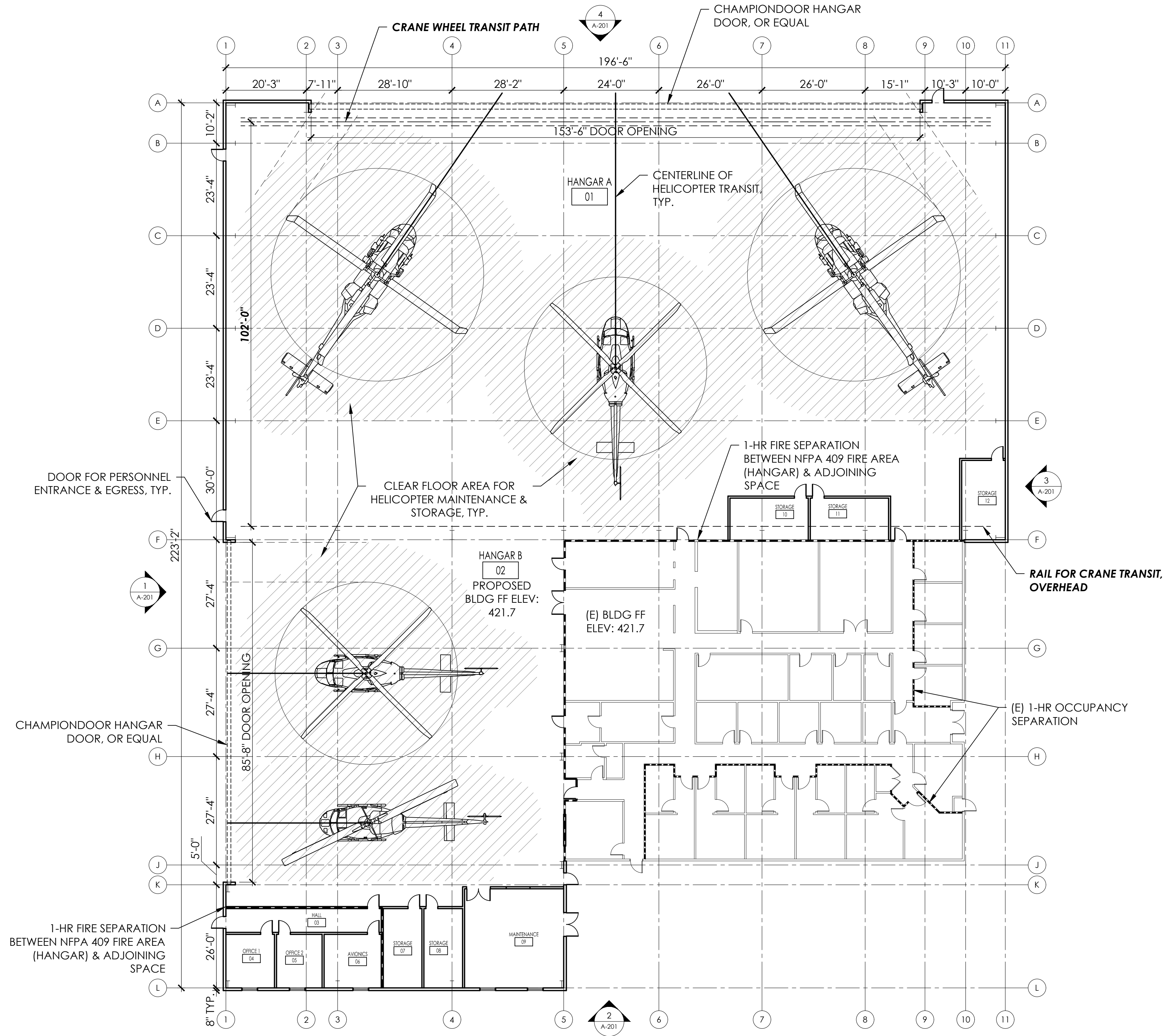
WARNING



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	



1 FLOOR PLAN
1/16"=1'-0"

A-101

SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)
FLOOR PLAN

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO Public Works



PLATT/WHITELAW
ARCHITECTS, INC.

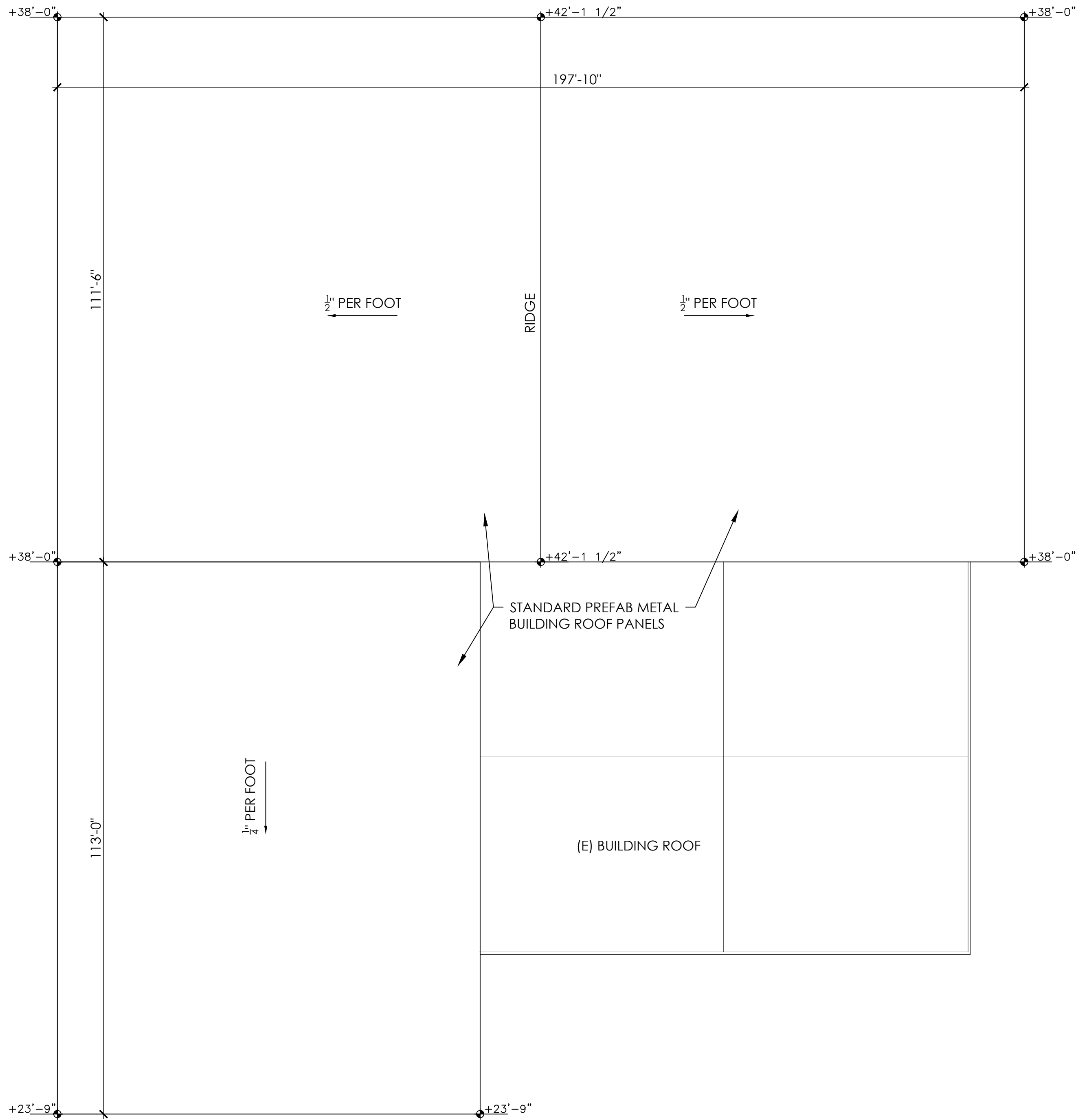
CONSULTANT

SPEC. NO.

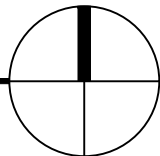
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT out of				
APPROVED:	DATE	DATE	DATE	DATE
FOR CITY ENGINEER				
PRINT NAME	RCE#			
DESCRIPTION	BY	APPROVED	DATE	FILMED

CONTRACTOR INSPECTOR DATE STARTED DATE COMPLETED

WBS
SUBMITTED BY: JAMES BOTICA
PROJECT MANAGER
CHECKED BY: PROJECT ENGINEER
CCS27 COORDINATE
CCS83 COORDINATE
XXXXX - - D



1 ROOF PLAN
1/16"=1'-0"



A-102

SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)
ROOF PLAN

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	

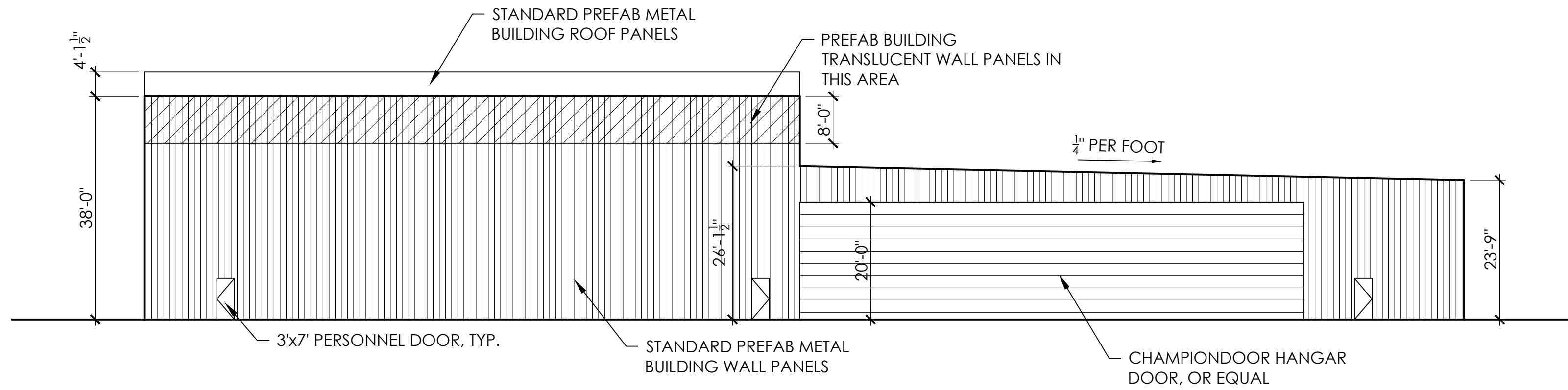
WARNING
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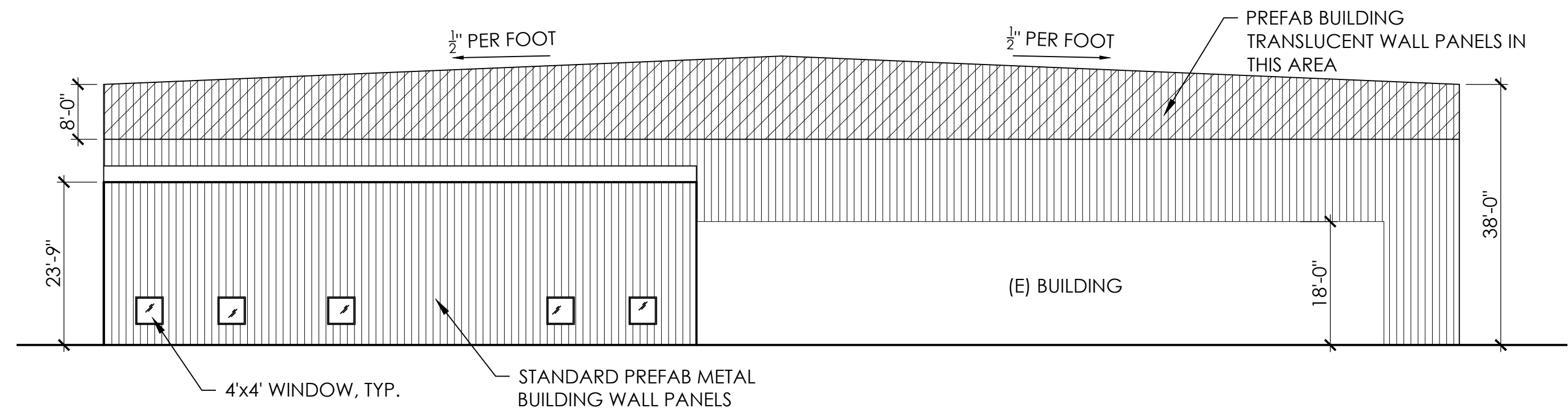
PLATT/WHITELAW
ARCHITECTS, INC.

CONSULTANT		SPEC. NO.		CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT out of					WBS _____			
<div>CONTRACTOR INSPECTOR</div>		<div>DATE STARTED DATE COMPLETED</div>		APPROVED: FOR CITY ENGINEER _____ DATE _____ PRINT NAME _____ RCE# _____					SUBMITTED BY: JAMES BOTICA PROJECT MANAGER			
				DESCRIPTION					BY	APPROVED	DATE	FILMED

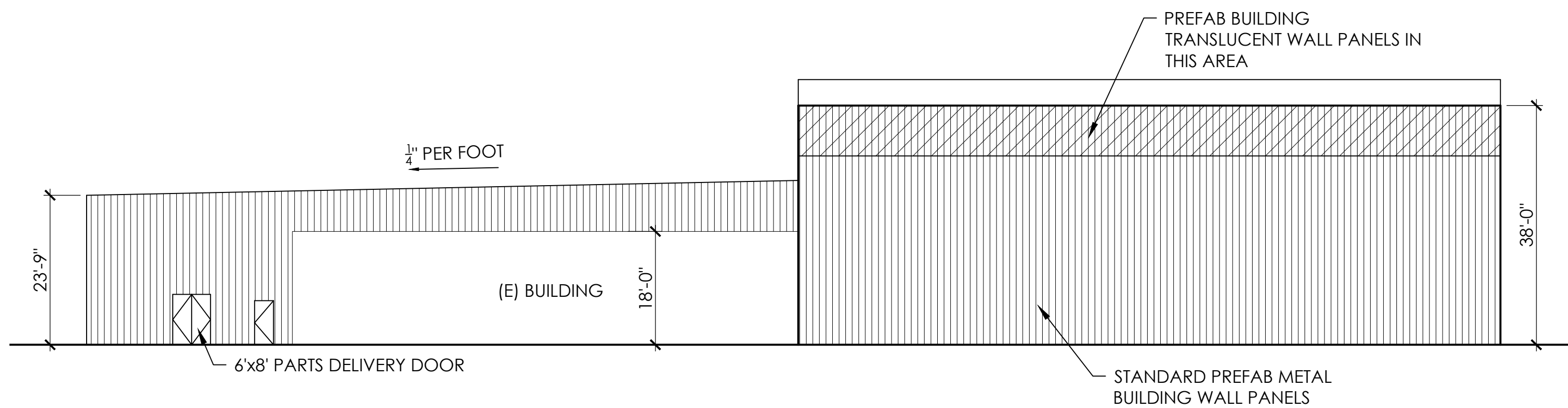
XXXXX - - D



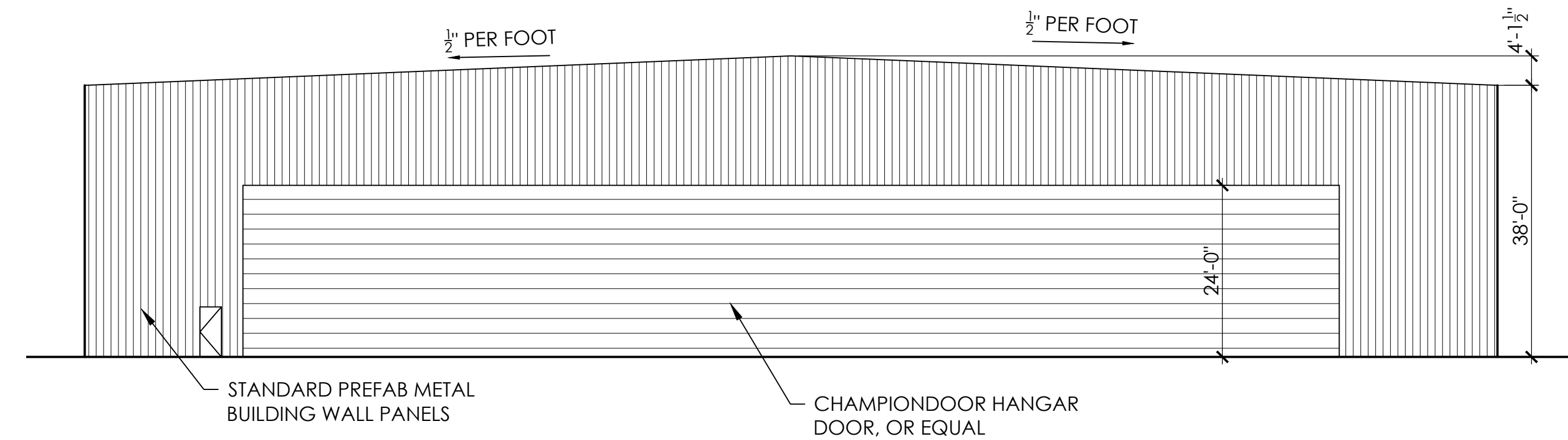
1 WEST ELEVATION
1/16"=1'-0"



2 SOUTH ELEVATION
1/16"=1'-0"



3 EAST ELEVATION
1/16"=1'-0"



4 NORTH ELEVATION
1/16"=1'-0"

A-201

SAN DIEGO FIRE RESCUE
AIR OPERATIONS - PHASE II (PTS 625280)
EXTERIOR ELEVATIONS

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.
-	-	-	

WARNING

0 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



PLATT/WHITELAW
ARCHITECTS, INC.

SPEC. NO.		CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT out of					WBS _____																					
		APPROVED: FOR CITY ENGINEER _____ DATE _____ - - PRINT NAME _____ RCE# _____					SUBMITTED BY: JAMES BOTICA PROJECT MANAGER																					
		<table><tr><td>DESCRIPTION</td><td>BY</td><td>APPROVED</td><td>DATE</td><td>FILMED</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>					DESCRIPTION	BY	APPROVED	DATE	FILMED																CHECKED BY: - PROJECT ENGINEER	
							DESCRIPTION	BY	APPROVED	DATE	FILMED																	
- CCS27 COORDINATE																												
- CCS83 COORDINATE																												
CONTRACTOR _____		DATE STARTED _____					XXXXX - - D																					
INSPECTOR _____		DATE COMPLETED _____																										