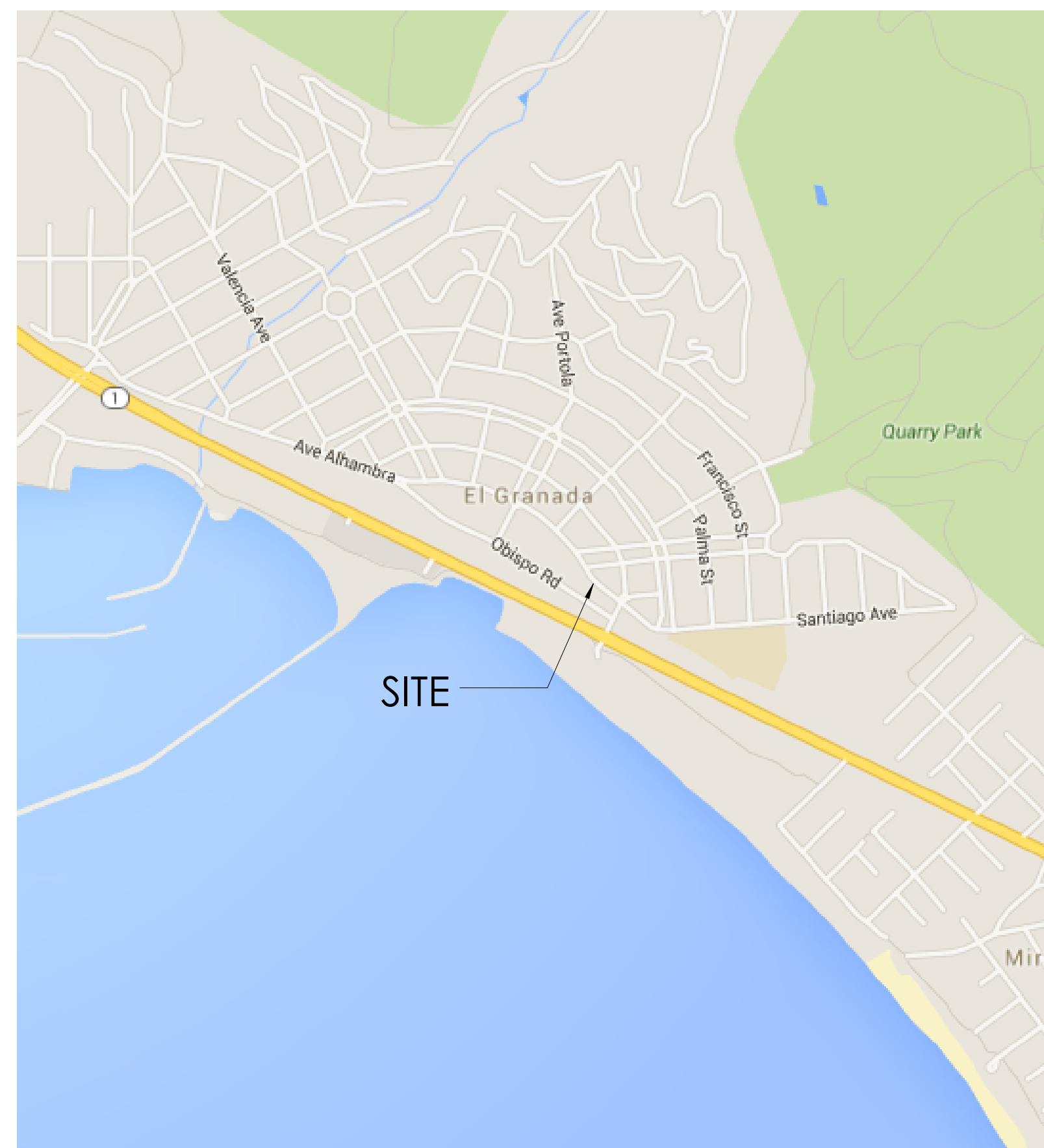


# COASTSIDE FIRE PROTECTION DISTRICT FIRE STATION #41

OBISPO ROAD, EL GRANADA, CA 94018



Location Map



VICINITY MAP



### Project Data

**PROJECT ADDRESS:** OBISPO ROAD  
EL GRANADA, CA 94018

**ASSESSOR'S PARCEL NO.:** 047-261-030

**OWNER:** COASTSIDE FIRE PROTECTION DISTRICT  
1191 MAIN STREET  
HALF MOON BAY, CA 94019

**GOVERNING AGENCY:** SAN MATEO COUNTY  
PLANNING AND BUILDING  
DEPARTMENT

**GOVERNING CODES:** 2013 CBC

**SCOPE OF WORK:** CONSTRUCTION OF A NEW 12,340  
SQUARE FOOT FIRE STATION

**ZONING:** EG, DR, CD  
C-1/S-3/DR

**OCCUPANCY GROUP:** B, R-2, S-2

**CONSTRUCTION TYPE:** V-8 FULLY SPRINKLED

**ALLOWABLE BLDG AREA:**

B	9,000 S.F.
R-2	7,000 S.F.
S-2	13,500 S.F.

**ACTUAL BLDG AREA:** TOTAL BUILDING AREA 12,425 S.F.

**ACTUAL AREA:**

B ACTUAL:	966 S.F.
R-2 ACTUAL:	2,953 S.F.
S-2 ACTUAL:	6,253 S.F.

**SITE AREA:** 117,093 S.F.  
(2.7 ACRES)

**ALLOWABLE IMPERIOUS AREA (10%):** 11,709 S.F.  
(.27 ACRES)

**ACTUAL IMPERIOUS AREA (30%):** 36,000 S.F.  
(.8 ACRES)

**NUMBER OF STORIES:** 1

**MAX BUILDING HEIGHT:** 30' - 0"

**PARKING:**

<b>Parking Required:</b>	Public: No Requirement
<b>Parking Provided:</b>	
Public Parking:	Accessible Parking Spaces: 01
	Standard Parking Spaces: 02
	<b>Total:</b> 03
Fire Personnel Parking:	Standard Parking Spaces: 14
	<b>Total Parking:</b> 17

### Legal Description

PARCEL: 047-261-030, CERTIFICATE OF COMPLIANCE - 2015-087529, RECORDED IN SAN MATEO COUNTY 08/19/2016

OF A PORTION OF THE SAN MATEO COUNTY HARBOR DISTRICT PROPERTY AS RECORDED IN BOOK 1472 OR PAGE 142 (56155-H) BEING A PART OF THE PALOMARES RANCHO AND SITUATED IN EL GRANADA SAN MATEO COUNTY, CALIFORNIA.

### Project Team

<b>ARCHITECTURE</b> JEFF KATZ ARCHITECTURE 280 BELLESCOURT STREET SONOMA CA 95475 (619) 698-9177 / (619) 698-9178 (FAX) Contact: Jeff Katz, AIA jeff@jeffkatzarchitecture.com	<b>MECHANICAL</b> MCPARLANE & ASSOCIATES, INC. 4830 VIEWRIDGE AVENUE SAN DIEGO, CA 92123 (858) 277-9721 Contact: Doug Isaaks, P.E. disaaks@mcparlane.com
<b>CIVIL</b> BFK ENGINEERS 1730 N. FIRST STREET, SUITE 600 SAN JOSE, CA 95112 (408) 467-9100 / (408) 467-9199 (FAX) Contact: Patrick Chan pchan@bkf.com	<b>PLUMBING</b> MCPARLANE & ASSOCIATES, INC. 4830 VIEWRIDGE AVENUE SAN DIEGO, CA 92123 (858) 277-9721 Contact: Doug Isaaks, P.E. disaaks@mcparlane.com
<b>LANDSCAPE</b> RHAA LANDSCAPE ARCHITECTS 225 MILLER AVENUE MILL VALLEY, CA 94941 (415) 383-7900 Contact: Meghan Sharp Diecchio meghan.diecchio@rhaa.com	<b>ELECTRICAL</b> ELEN CONSULTING 3456 CAMINO DEL RIO, NORTH STE 101 SAN DIEGO, CA 92108 (619) 846-6918 Contact: Tim Locklear tlocklear@elenconsulting.com
<b>STRUCTURAL</b> ORIE2 ENGINEERING, INC. 9750 MIRMAR ROAD, STE 310 SAN DIEGO, CA 92126 (858) 335-7643 / (858) 451-6142 (FAX) Contact: Don Orie dorie@orie2.com	

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Project:  
COASTSIDE FIRE PROTECTION DISTRICT  
FIRE STATION #41

OBISPO ROAD  
EL GRANADA, CA 94018



Description: Date:  
PLANNING SUBMITTAL 08/16/16

Project Number: 150202  
Approved By: Approver  
Checked By: Checker  
Drawn By: Author

Sheet Title:  
TITLE SHEET - PLANNING

Sheet: 1 OF 16  
Sheet Number:

A-0



**I. GENERAL NOTES**

- 1. ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITY CROSSINGS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF ANY CONSTRUCTION AFFECTING SAID LINES. CONTRACT UNDERGROUND SERVICE ALERT AT (800) 642-2444 AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATION. THE UTILITIES SHOWN ON THE PLANS ARE BASED UPON RECORD INFORMATION. HOWEVER, THE CIVIL DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OR ACTUAL LOCATIONS.
- 2. ALL APPLICABLE WORK AND MATERIALS SHALL BE DONE IN ACCORDANCE WITH THE COUNTY OF SAN MATEO STANDARD TECHNICAL SPECIFICATIONS AND DETAILS, PREPARED IN THE OFFICE OF ENGINEERING AND CONSTRUCTION, INCLUDING MODIFICATIONS CONTAINED HEREIN.
- 3. THE CONTRACTOR SHALL RESTORE ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED WALLS, FENCES, SERVICES, UTILITIES, IMPROVEMENTS OR FEATURES OF WHATEVER NATURE, DUE TO CONTRACTOR'S WORK.
- 4. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE INSTALLATION OF FACILITIES BY PG&E, AT&T, AND COMCAST, VALVE BOXES, MANHOLES, AND STRUCTURES TO BE SET TO GRADE IN CONCRETE AFTER PAVING.
- 5. ALL STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BEFORE ACCEPTANCE OF THE IMPROVEMENT BY THE COUNTY ENGINEER.
- 6. THE CONTRACTOR SHALL GIVE THE COUNTY ENGINEER AND OWNER TWO (2) WORKING DAYS ADVANCE NOTICE FOR INSPECTION SERVICES.
- 7. NO TREES 12" IN DIAMETER OR LARGER MEASURED BETWEEN 6" AND 36" ABOVE GRADE, SHALL BE REMOVED WITHOUT THE WRITTEN CONSENT OF THE COUNTY ENGINEER. TREE REMOVALS, IF NECESSARY, SHALL CONFORM TO THE HERITAGE TREE ORDINANCE, ORDINANCE NO. 1536.
- 8. FOR LANE CLOSURES, THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND OBTAIN APPROVAL OF THE COUNTY ENGINEER BEFORE COMMENCING WORK. THE CONTRACTOR SHALL ALSO PROVIDE FLAGMEN, CONES OR BARRICADES, AS NECESSARY TO CONTROL TRAFFIC AND PREVENT HAZARDOUS CONDITIONS PER THE CALIFORNIA STANDARD PLANS, SPECIFICATIONS, AND MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
- 9. THE CONTRACTOR SHALL LEAVE A 24-HOUR EMERGENCY TELEPHONE NUMBER WITH POLICE, FIRE AND PUBLIC WORKS DEPARTMENTS, AND KEEP THEM INFORMED DAILY OF DETOURS.
- 10. PEDESTRIAN, PUBLIC ACCESSSES, WHEELCHAIR ACCESSSES SHALL BE MAINTAINED DURING CONSTRUCTION TO THE SATISFACTION OF THE COUNTY ENGINEER.
- 11. NO TRENCHES OR HOLES SHALL BE LEFT OPEN OVERNIGHT; USE STEEL PLATING OR HOT-MIX ASPHALT AS REQUIRED TO PROTECT OPEN TRENCHES OVERNIGHT.
- 12. THE CONTRACTOR SHALL PROVIDE DUST CONTROL AND VACUUM STREETS AS OFTEN AS NECESSARY DURING CONSTRUCTION AS REQUIRED BY THE COUNTY ENGINEER.
- 13. ALL REVISIONS TO THIS PLAN MUST BE REVIEWED AND APPROVED BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON REVISED PLANS STAMPED AND SIGNED BY COUNTY ENGINEER PRIOR TO THE INSTALLATION OF THE IMPROVEMENTS.
- 14. ALL CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWERS, STORM DRAINS, WATER LINES, FIRE HYDRANTS, ELECTROLES, ETC., SHALL BE DONE BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
- 15. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THESE NOTES.
- 16. STANDARD CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO BETWEEN 7:00 A.M. AND 5:00 P.M., MONDAY THROUGH FRIDAY. NO CONSTRUCTION ACTIVITY SHALL TAKE PLACE ON SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS UNLESS APPROVED, IN WRITING, BY THE OWNER AND COUNTY.
- 17. PRIOR TO FINAL PREPARATION OF THE SUBGRADE AND PLACEMENT OF BASE MATERIALS FOR PAVED AREAS, UNDERGROUND UTILITY MAINS SHALL BE INSTALLED AND SERVICE CONNECTIONS STUDIED OUT. STUB-OUTS SHALL BE INSTALLED IN A MANNER WHICH WILL NOT DISTURB THE PAVEMENT, CURB AND GUTTER AND WALKS WHEN SERVICE CONNECTIONS ARE MADE.
- 18. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEATHED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT EXISTING IMPROVEMENTS WILL BE FULLY PROTECTED FROM DAMAGE. DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEATHING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL COMPLETE NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE SHEATHING, SHORING AND BRACING IN CONFORMANCE WITH THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL COMPLY WITH OSHA REQUIREMENTS.
- 19. DURING CONSTRUCTION, THE CONSTRUCTION AREA AND COUNTY STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ACCUMULATION OF MUD AND DEBRIS RESULTING FROM CONSTRUCTION. IF IMPORT OR EXPORT OF DIRT IS NECESSARY, THE CONTRACTOR SHALL OBTAIN AN APPROVAL FOR THE HAULING ROUTE FROM THE COUNTY ENGINEERING DIVISION. THE HAULING ROUTES SHALL BE STRICTLY ADHERED TO BY THE CONTRACTOR AND SUBCONTRACTORS. DIRT HAULING PERMIT REQUIRED.
- 20. SHOULD IT APPEAR THAT THE WORK OUTLINED ON THESE PLANS IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION AND REQUEST CLARIFICATION.
- 21. WHEN SPECIFICATIONS OR STANDARDS FROM DIFFERENT AUTHORITIES DIFFER FOR THE SAME SUBJECT MATTER, NOTIFY OWNER AND REQUEST CLARIFICATION.
- 22. UPON SATISFACTORY COMPLETION OF THE WORK, THE WORK SITE SHALL BE CLEANED UP AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND OWNER.
- 23. ARTICLE 87 OF THE UFC SHALL BE FOLLOWED FOR AREAS UNDER CONSTRUCTION. CONTACT THE COUNTY FIRE DEPARTMENT FOR SPECIFIC REQUIREMENTS FOR BUILDINGS UNDER CONSTRUCTION.
- 24. THE CONTRACTOR SHALL BE AWARE THAT DEWATERING ACTIVITIES SHALL COMPLY WITH THE CONDITIONS OF THE BAY AREA REGIONAL WATER QUALITY CONTROL BOARD GENERAL PERMIT FOR CONSTRUCTION SITES.
- 25. THE CONTRACTOR SHALL ABIDE BY THE RULES AND REGULATIONS OF THE STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS PERTAINING TO EXCAVATIONS AND TRENCHES.
- 26. THE CONTRACTOR SHALL ADJUST TO FINAL GRADE EXISTING AND/OR NEW UTILITY BOX, MANHOLES, CURB INLETS, CATCH BASINS, VALVES, MONUMENT COVERS, AND OTHER CASTINGS WITHIN THE WORK AREA TO FINAL GRADE IN PAVEMENT AND LANDSCAPE AREAS, UNLESS NOTED OTHERWISE.
- 27. THE CONTRACTOR SHALL MEET AND FOLLOW NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
- 28. IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING DEMOLITION WORK, WORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.

**II. LAYOUT NOTES**

- 1. CURB RETURN RADII AND CURB DATA ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 2. CURB INLETS ARE REFERENCED TO CENTERLINE OF STRUCTURE AT TOP OF CURB.
- 3. DRAINAGE AND SANITARY SEWER STRUCTURES ARE REFERENCED TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.

**III. EXISTING CONDITIONS**

- 1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON TOPOGRAPHIC SURVEY DATA COLLECTED BETWEEN TBD THROUGH TBD BY BKF ENGINEERS AND AERIAL TOPO DATED MARCH 5, 2015. GRADES ENCOUNTERED ON-SITE MAY VARY FROM THOSE SHOWN. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND CONDUCT FIELD INVESTIGATIONS TO VERIFY EXISTING CONDITIONS AT THE PROJECT SITE.
- 2. INFORMATION REGARDING EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES SHOWN ON THESE PLANS WAS TAKEN FROM SURVEY DATA, RECORD DATA KNOWN TO THE DESIGN ENGINEER AND IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THIS SURVEY. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY THE LOCATION AND ELEVATION OF EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES (WHETHER SHOWN ON THESE PLANS OR NOT) PRIOR TO THE COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY THE CIVIL DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS IN THE FIELD AND INFORMATION SHOWN ON THESE PLANS.

- 3. ELEVATIONS AND LOCATIONS OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION AFFECTING SAID LINES.

**IV. UTILITIES**

- 1. BEFORE DISCONNECTING UTILITY SERVICE TO ANY ESTABLISHMENT, CONTRACTOR SHALL GIVE ADVANCE NOTICE TO ESTABLISHMENT BEFORE THEIR UTILITY IS SHUT DOWN, MAKE ARRANGEMENTS WITH THOSE ESTABLISHMENTS FOR A SCHEDULED SHUT DOWN AND COORDINATE DATE OF SHUT DOWN, DURATION, INCONVENIENCE, DELAYS, ETC. WITH A REPRESENTATIVE OF THE COUNTY AND/OR RESPECTIVE UTILITY AGENCY.

**V. GRADING**

- 1. GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN "XX" PREPARED BY XX, PROJECT NUMBER XX, DATED XX.
- 2. CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS, AND DIMENSIONS AS SET FORTH ON THESE PLANS. GRADED AREAS SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITHIN TOLERANCE OF ONE-TENTH OF A FOOT IN LANDSCAPE AREAS AND TWO HUNDRETHS OF A FOOT IN HARDSCAPE AREAS. MINIMUM THICKNESSES SHALL BE MAINTAINED WHERE NOTED. MINIMUM AND MAXIMUM SLOPES SHALL BE NOT BE EXCEEDED UNDER ANY CIRCUMSTANCE. WHERE GRADED AREAS DO NOT CONFORM TO THESE TOLERANCES, THE CONTRACTOR SHALL BE REQUIRED TO DO CORRECTIVE GRADING, AT NO EXTRA COST TO THE OWNER.
- 3. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
- 4. THE GEOTECHNICAL ENGINEER WILL BE PRESENT AT THE SITE DURING FOOTING EXCAVATION AND OTHER GRADING OPERATIONS, AND SHALL PERFORM TESTING DEEMED NECESSARY. THE GEOTECHNICAL ENGINEER SHALL OBSERVE GRADING OPERATIONS AND IDENTIFY THOSE CONDITIONS WITH RECOMMENDED CORRECTIVE MEASURES TO THE CONTRACTOR AND THE CONSTRUCTION MANAGER.
- 5. UPON COMPLETION OF FOOTING EXCAVATION AND OTHER GRADING OPERATIONS, THE GEOTECHNICAL ENGINEER WILL PROVIDE A WRITTEN REPORT DOCUMENTING THE RESULTS OF THE GEOTECHNICAL ENGINEER'S SITE OBSERVATION AND TESTING ACTIVITIES PERFORMED DURING SITE GRADING OPERATIONS.
- 6. EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE FOR PERMIT PURPOSES. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES FOR BUILDING PURPOSES PRIOR TO BIDDING. FINAL GRADING QUANTITIES ARE DEPENDENT ON FIELD CONDITIONS, CONSTRUCTION TECHNIQUES AND SEQUENCES, FINAL COMPACTION OBTAINED, TRENCHING AND BACKFILL METHODS AND NUMEROUS OTHER FACTORS OUT OF THE CONTROL OF THE DESIGNER. ANY IMPORT OR EXPORT REQUIRED SHALL BE REFLECTED IN THE BID. NO ADDITIONAL COMPENSATION WILL BE MADE FOR IMPORT OR EXPORT REQUIRED UNLESS NECESSITATED BY UNFORESEEN FIELD CONDITIONS (E.G. UNSUITABLE EXISTING SOIL NOT DETECTED IN THE GEOTECHNICAL INVESTIGATION REPORT).

**VI. STORM DRAIN NOTES**

- 1. THE ON-SITE PRIVATE STORM DRAIN SYSTEM SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THESE PLANS AND COUNTY DETAILS AND SPECIFICATIONS.

**VII. WATER NOTES**

- 1. ALL LABOR AND MATERIALS SHALL MEET REQUIREMENTS OF THE COUNTY OF SAN MATEO.
- 2. COUNTY OF SAN MATEO INSPECTOR MUST BE NOTIFIED, AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO EXCAVATING OR CONNECTING TO EXISTING WATER SYSTEM. ONLY THE COUNTY SHALL OPERATE EXISTING SYSTEM VALVES.
- 3. STANDARD THRUST BLOCK SHALL BE PROVIDED AT ALL BENDS GREATER THAN 10 DEGREES AND AT ALL CROSSES, TEE, WYES, CAPS, PLUGS, VALVES AND HYDRANTS.
- 4. PROVIDE 36" MINIMUM COVER FROM ROADWAY SURFACE OVER MAINS; MAINTAIN AN ONE FOOT (1') MINIMUM VERTICAL CLEARANCE FROM NEW WATER MAIN TO OTHER CROSSINGS UTILITIES, AND A FIVE FOOT (5') MINIMUM HORIZONTAL CLEARANCE FROM OTHER UTILITY MAINS. WATER MAINS SHALL BE INSTALLED ABOVE, AND A TEN FOOT (10') MINIMUM DISTANCE AWAY FROM, SANITARY SEWERS.
- 5. CONTRACTOR SHALL USE HAND TOOLS WHEN EXCAVATING NEAR ALL WATER, SEWER, STORM, GAS, ELECTRIC, COMMUNICATION AND CABLE LINES.
- 6. ALL TAPPED CONNECTIONS (DOMESTIC AND FIRE) SHALL BE "WET-TAPPED". WET TAPS WILL BE PERFORMED BY THE COUNTY OF SAN MATEO AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL FURNISH AND INSTALL SMITH BLAIR 663-316SS, ALL 3/16 STAINLESS STEEL TAPPING SLEEVE, MUELLER FLANGE X MECHANICAL JOINT TAPPING VALVE, OR APPROVED EQUAL PER COUNTY STANDARDS, AND DO ALL EXCAVATING, INSTALLING THRUST BLOCKS AND BACKFILLING.
- 7. COMPACTION, TESTING AND INSPECTION COSTS SHALL BE PAID FOR BY THE CONTRACTOR.
- 8. PRESSURE, CHLORINATION AND LEAKAGE TESTS SHALL BE PERFORMED BY CONTRACTOR. SAMPLING POINTS WILL BE SELECTED BY THE COUNTY. BACTERIOLOGICAL TESTS SHALL BE PERFORMED BY AN APPROVED COMMERCIAL TESTING LABORATORY. BACTERIOLOGICAL AND DISINFECTION TESTS SHALL BE PAID FOR BY THE OWNER, DEVELOPER, OR CONTRACTOR.
- 9. CONTRACTOR SHALL CONTACT ENGINEERING AND CONSTRUCTION FOR AN ESTIMATED COST OF WATER METER AND WET TAP.
- 10. METERS ARE INSTALLED BY THE COUNTY OF SAN MATEO UPON PAYMENT OF METER CHARGE BY OWNER/DEVELOPER.
- 11. ABANDONMENT OF EXISTING WATER LINES SHALL TAKE PLACE AT THE MAIN LINE.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING SERVICES FOR THOSE FACILITIES TO BE INSTALLED BY THE CONTRACTOR UNTIL SUCH TIME AS THE WORK HAS BEEN OFFICIALLY ACCEPTED BY THE ENGINEER, THE MARKING, LABELING AND TIMING OF SUCH LOCATIONS SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF UNDERGROUND SERVICE ALERT.
- 14. ON-SITE LANDSCAPE IRRIGATION SYSTEMS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTURAL PLANS AND SPECIFICATIONS AND SHALL BE CONNECTED TO THE EXISTING AND/OR NEW WATER SYSTEM.

**VIII. SANITARY SEWER NOTES**

- 1. THE ON-SITE PRIVATE SANITARY SEWER SYSTEM SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THESE PLANS AND COUNTY DETAILS AND SPECIFICATIONS.

**IX. RECORD DRAWINGS**

- 1. CONTRACTOR SHALL KEEP ACCURATE AS-BUILT DRAWINGS WHICH SHOW THE FINAL LOCATION, ELEVATION AND DESCRIPTION OF WORK. CONTRACTOR SHALL ALSO NOTE THE LOCATION AND ELEVATION OF EXISTING IMPROVEMENTS ENCOUNTERED. RECORD DRAWINGS SHALL BE "REDLINED" ON A SET OF PRINTS. THE REDLINED PRINTS SHALL BE DELIVERED TO THE OWNER AFTER THE COMPLETION OF CONSTRUCTION.

**X. STATEMENT OF RESPONSIBILITY**

- 1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- 2. CONTRACTOR SHALL COMPLY WITH STATE, COUNTY AND CITY LAWS AND ORDINANCES, AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, OSHA AND INDUSTRIAL ACCIDENT COMMISSION RELATING TO SAFETY AND CHARACTER OF WORK, EQUIPMENT AND LABOR PERSONNEL.

**XI. UNAUTHORIZED CHANGES AND USES**

- 1. THE CIVIL DESIGN ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

**ABBREVIATIONS**

AB	AGGREGATE BASE	FOB	FACE OF BUILDING	P.S.S.E.	PRIVATE SANITARY SEWER EASEMENT
AC	ASPHALT CONCRETE	FOC	FACE OF CURB	P.U.E.	PUBLIC UTILITY EASEMENT
ACC	ACCESSIBLE	FS	FINISH SURFACE	PVC	POLYVINYL CHLORIDE PIPE
ACP	ASBESTOS CEMENT PIPE	G	GAS	R	RIGHT/RADIUS
AD	AREA DRAIN	GB	GRADE BREAK	RCP	REINFORCED CONCRETE PIPE
ALT	ALTERNATIVE	GR	GRATE	RPA	REDUCED PRESSURE ASSEMBLY
BC	BACK OF CURB	GRD	GROUND	R/W	RIGHT-OF-WAY
BFE	BASE FLOOD ELEVATION	GS	GARAGE SLAB	RWD	REDWOOD
BFP	BACKFLOW PREVENTER	GYW	GUY WIRE	S	SLOPE/SOUTH
BLDG	BUILDING	HAG	HIGHEST ADJACENT GRADE	SD	STORM DRAIN
BOT	BOTTOM	HP	HIGH POINT	SDMH	STORM DRAIN MANHOLE
BW	BACK OF WALK	I.E.E.	INGRESS, EGRESS EASEMENT	SF	SQUARE FEET
CB	CATCH BASIN	INV	INVERT (ELEVATION)	SHT	SHEET
CI	CURB INLET	IRR	IRRIGATION	S/L	STREET LIGHT
C&G	CAST IRON PIPE	JP	JOINT UTILITY POLE	SLB	STREET LIGHT BOX
CL	CURB AND GUTTER	JT	JOINT UTILITY TRENCH	SLD	SEE LANDSCAPE DRAWINGS
CLF	CHAIN LINK FENCE	LAG	LEFT/LENGTH	SL	STREET LIGHT CONDUIT
CO	CLEANOUT	LAT	LATERAL	SS	SANITARY SEWER
CONC	CONCRETE	LF	LINEAL FEET	SSCO	SANITARY SEWER CLEANOUT
CONST	CONSTRUCTION	LG	LIP OF GUTTER	SSMH	SANITARY SEWER MANHOLE
CR	CURB RETURN	LOW	LIMIT OF WORK	ST	STREET
DET/DTL	DETAIL	MG	MATCH GRADE	STD	STANDARD
DIP	DUCTILE IRON PIPE	MH	MANHOLE	S/W	SIDEWALK
D/W	DRIVEWAY	N	NORTH	T, TEL	TELEPHONE
DWG	DRAWING	(N)	NEW	TC	TOP OF CURB
E	EAST/ELECTRIC	NTS	NOT TO SCALE	TRC	TOP OF ROLLED CURB
(E),EX	EXISTING	O.D.	OUTSIDE DIMENSION	TSW	TOP OF SCREEN WALL
ELEC	ELECTRIC	OH	OVERHEAD (WIRES)	TW	TOP OF WALL
ELEV	ELEVATION	PB	PULL BOX	TYP	TYPICAL
E.V.A.E.	EDGE OF PAVEMENT	PP	POWER POLE	UNO	UNLESS NOTED OTHERWISE
	EMERGENCY VEHICLE ACCESS EASEMENT	(P)	PROPOSED	UG	UNDERGROUND
	FACE OF CURB	P/L	PROPERTY LINE	VCP	VITRIFIED CLAY PIPE
FC	FACE OF CURB	PCC	PORTLAND CEMENT CONCRETE	W	WATER/WEST
FF	FINISH FLOOR	P/SBC	POWER/SBC TRENCH	WM	WATER METER
FDC	FIRE DEPT CONNECTION	P.F.S.E.	PRIVATE FIRE SERVICE EASEMENT	WV	WATER VALVE
FH	FIRE HYDRANT				
FL	FLOWLINE	P.I.E.E.	PRIVATE INGRESS, EGRESS EASEMENT		
FT	FEET	P.S.D.E.	PRIVATE STORM DRAIN EASEMENT		



**JKA ARCHITECTURE**  
6833 DEL CERRO BOULEVARD | SAN DIEGO, CA 92120 | 619.698.9177  
www.jkazarchitecture.com

**BKF**  
ENGINEERS / ARCHITECTS / PLANNERS  
1730 N. FIRST STREET, SUITE 600  
SAN JOSE, CA 95112  
408/467-9100  
GORDON PATRICK ACCIAN  
SCOTT SCHORAN

Project: COASTSIDE FIRE PROTECTION DISTRICT FIRE STATION #41

OBISPO ROAD EL GRANADA, CA 94018



Description: 08/16/16  
SUBMITTAL

NOT FOR CONSTRUCTION

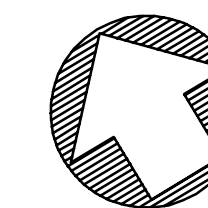
Project Number: 20146103  
Approved By: SS  
Checked By: PC  
Drawn By: PK

Sheet Title: GENERAL CIVIL NOTES

Sheet: 2 OF 16  
Sheet Number:

C1.0





GRAPHIC SCALE: 1"=20'  
 20 0 20 40



**JKA** ARCHITECTURE  
 6933 DEL CERRO BOULEVARD | SAN DIEGO, CA 92120 | 619.698.9177  
 www.jkatararchitecture.com

**BKF**  
 ENGINEERS / SURVEYORS / PLANNERS  
 1730 N. FIRST STREET, SUITE 600  
 SAN JOSE, CA 95112  
 408/467-9100  
 CONSULTANTS:  
 PATRICK CHAN  
 SCOTT SCHORK

Project:  
 COASTSIDE FIRE  
 PROTECTION DISTRICT  
 FIRE STATION #41

OBISPO ROAD  
 EL GRANADA, CA 94018



Description: PLANNING SUBMITTAL  
 Date: 08/16/16

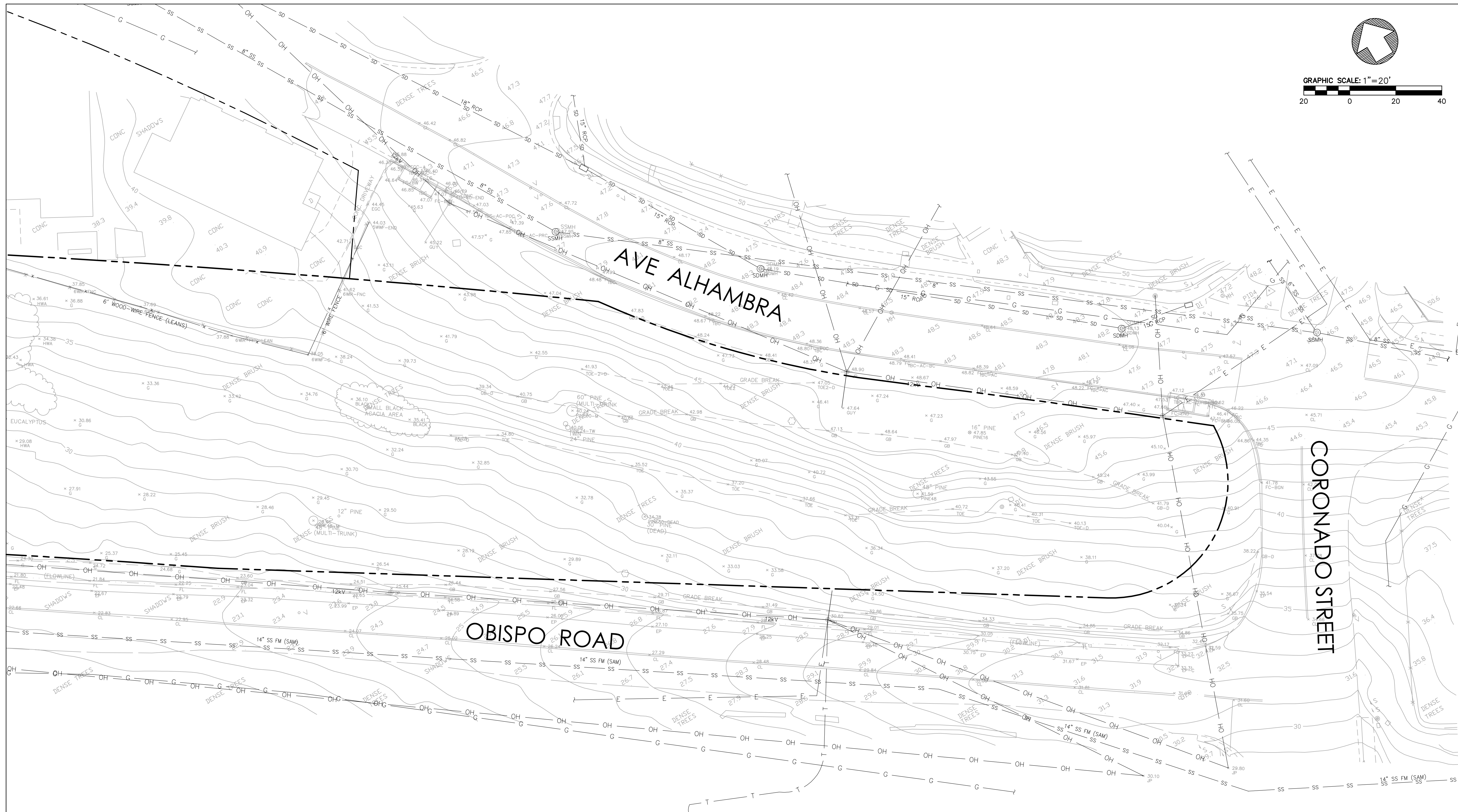
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Project Number: 20146103  
 Approved By: SS  
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Sheet Title:  
 EXISTING  
 CONDITIONS

Sheet: 3 OF 16  
 Sheet Number:

**C2.0**



**LEGEND**

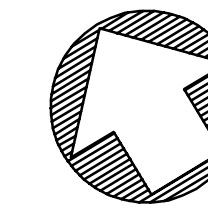
---	PROPERTY LINE
---	ADJACENT LOT LINE
G	GAS MAIN
W	WATER MAIN
E	ELECTRICAL LINE
SS	SANITARY SEWER LINE
SD	STORM DRAIN LINE
OH	OVERHEAD LINE
T	TELEPHONE LINE

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GRAPHIC SCALE: 1"=20'  
 20 0 20 40



**JKA** ARCHITECTURE  
 6383 DEL CERRO BOULEVARD | SAN DIEGO, CA 92120 | 619.698.9177  
 www.jeffkatzarchitecture.com

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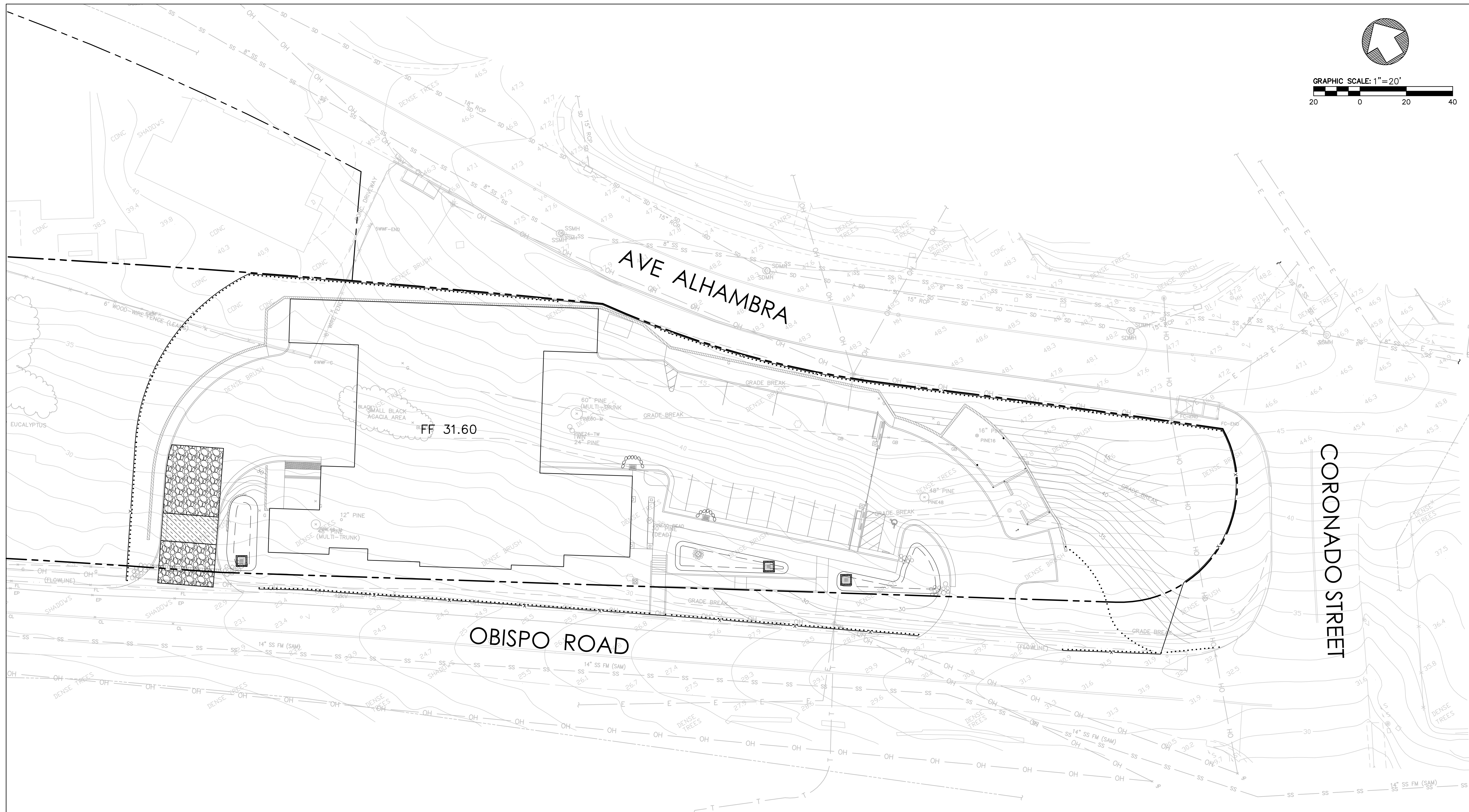
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Project Number: 20146103  
 Approved By: SS  
 Checked By: PC  
 Drawn By: PK

Sheet Title:  
**EROSION CONTROL PLAN**

Sheet: 5 OF 16  
 Sheet Number:

**C4.0**



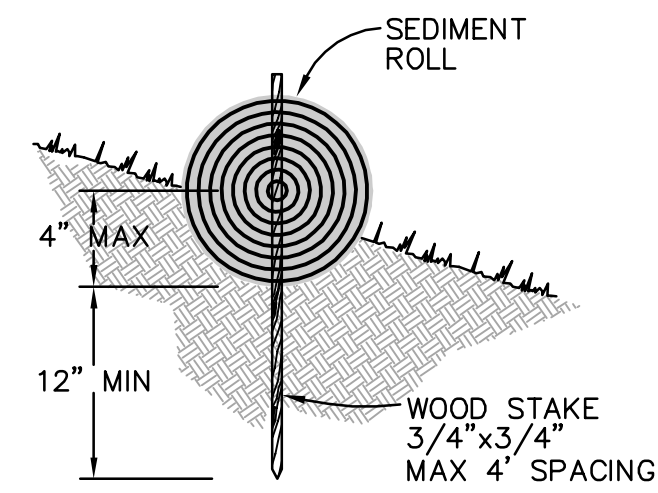
**LEGEND**

	PROPERTY LINE
	ADJACENT LOT LINE
	FIBER ROLL PER DETAIL 1, SHEET C4.1
	TEMPORARY 6" CONSTRUCTION FENCE
	STORM DRAIN INLET PROTECTION PER DETAIL 2, SHEET C4.1
	STORM DRAIN INLET PROTECTION PER DETAIL 3, SHEET C4.1
	STABILIZED CONSTRUCTION ENTRANCE/EXIT PER DETAIL 4, SHEET C4.1
	ENTRANCE/EXIT TIRE WASH PER DETAIL 5, SHEET C4.1
	CONCRETE WASTE MANAGEMENT PER DETAIL 6 SHEET C4.1

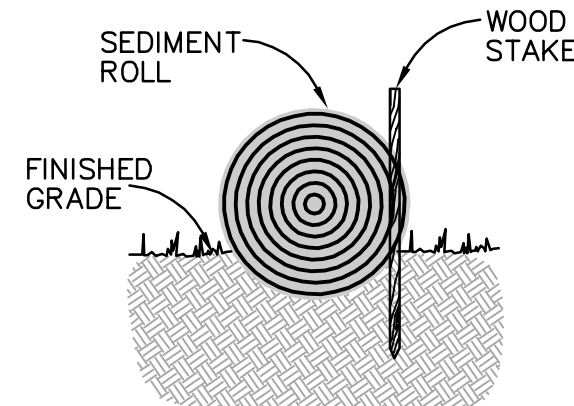
- GENERAL NOTES**
- SHEET C4.0 IS INTENDED TO BE USED FOR EROSION CONTROL ONLY.
  - THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ANY SEDIMENT FROM LEAVING THE SITE. FIBER ROLLS, SAND BAGS, AND SILT FENCES SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED WITH ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURE MAINTENANCE THROUGHOUT THE DURATION OF THE PROJECT.
  - THE CONTRACTOR WILL BE LIABLE FOR ANY AND ALL DAMAGES TO PUBLIC AND/OR PRIVATE OWNED AND MAINTAINED ROAD CAUSED BY THE CONTRACTOR'S GRADING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HALL ROUTE. ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.
  - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE OPERABLE YEAR ROUND OR UNTIL VEGETATION IS ESTABLISHED ON LANDSCAPED SURFACES.
  - DURING THE RAINY SEASON, ALL PAVED AREAS ARE TO BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE IS TO BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LOADED RUNOFF TO ANY STORM DRAIN SYSTEM.
  - ALL EROSION CONTROL FACILITIES MUST BE MONITORED AS REQUIRED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (CRWQCB). ALL SLOPES SHALL BE REPAIRED AS SOON AS POSSIBLE WHEN DAMAGED.
  - BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (TARPS, FIBER ROLLS, SILT FENCES, ETC.) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM.
  - ALL TRUCK TIRES SHALL BE CLEANED PRIOR TO EXITING THE PROPERTY.
  - THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES AS REQUIRED BY THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (CRWQCB).
  - DURING PERIODS WHEN STORMS ARE FORECAST:
    - EXCAVATED SOILS SHOULD NOT BE PLACED IN STREETS OR ON PAVED AREAS.
    - ANY EXCAVATED SOILS SHOULD BE REMOVED FROM THE SITE BY THE END OF THE DAY.
    - WHERE STOCKPILING IS NECESSARY, USE A TARPAULIN OR SURROUND THE STOCKPILED MATERIAL WITH FIBER ROLLS, SILT FENCE, OR OTHER RUNOFF CONTROLS.
    - USE INLET CONTROLS (E.G. FILTER MAT) FOR STORM DRAINS ADJACENT TO STOCKPILED SOIL.
    - THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION AND PLACEMENT.
  - DURING PERIODS WHEN STORMS ARE NOT FORECAST -
    - PREVENT STOCKPILED MATERIAL FROM ENTERING THE STORM DRAIN SYSTEM.
    - THOROUGHLY REMOVE LOOSE SOIL VIA SWEEPING FOLLOWING REMOVAL OF DIRT.
  - THIS EROSION CONTROL PLAN IS FOR CONSTRUCTION BETWEEN OCTOBER 1 AND APRIL 15. OPEN SPACE AREAS ARE TO BE PLANTED BY SEPTEMBER 15. IF THESE CONDITIONS ARE NOT MET, CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN TO THE PROJECT ENGINEER THAT REFLECTS CURRENT SITE CONDITIONS FOR REVIEW AND APPROVAL.
  - EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE MAINTAINED REPAIRED AND REPLACED AFTER EACH SIGNIFICANT RAINFALL OR AS DIRECTED BY THE OWNER AND/OR THE CALIFORNIA REGIONAL WATER CONTROL BOARD (CRWQCB).
  - ALL DRAINAGE INLETS WITHIN AND NEAR THE PROJECT SITE SHALL BE PROVIDED WITH SEDIMENT TRAPS OR SEDIMENT BARRIERS AS PER THIS PLAN.
  - SEDIMENT DAMS AND TRAPS SHALL BE CHECKED FOR SEDIMENT ACCUMULATION AFTER EACH SIGNIFICANT RAINFALL. SEDIMENT SHALL BE REMOVED FROM THESE DEVICES WHEN IT HAS ACCUMULATED TO THREE-QUARTER OF THE ORIGINAL STORAGE HEIGHT.
  - ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE OWNER AND/OR THE CALIFORNIA REGIONAL WATER CONTROL BOARD (CRWQCB) BASED ON FIELD REVIEWS OF THE SITE.
  - DAMAGED EROSION CONTROL DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS SOON AS PRACTICAL AFTER THE DAMAGE OCCURS.
  - ALL EXPOSED DISTURBED SURFACES SHALL BE HYDROSEED WITH BROME SEED SPREAD AT THE RATE OF 5 POUNDS PER 1000 SQUARE FEET, OR APPROVED EQUAL. SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH. HYDROSEEDED AREAS SHALL THEN BE COVERED WITH STRAW MULCH AND STABILIZED BY GRIMPING OR THE APPLICATION OF A LIQUID TACKIFIER.
  - DURING GRADING OPERATIONS THE SITE SHALL BE WATERED ON A DAILY BASIS TO MINIMIZE THE RELEASE OF DUST AND OTHER PARTICULATE MATTER.
  - EARTHWORK SHALL NOT BE PERFORMED DURING UNFAVORABLE CONDITIONS. AFTER INTERRUPTION OF WORK DUE TO HEAVY RAIN, THE ENGINEER SHALL APPROVE EARTHWORK BEFORE RESUMING EARTHMOVING OPERATIONS.
  - CONTRACTOR SHALL BE RESPONSIBLE TO PUT IN PLACE THE NECESSARY MEANS AND EXECUTE PROPER METHODS TO PROTECT EARTHWORK AGAINST UNFAVORABLE WEATHER CONDITIONS. CONTRACTOR SHALL NOT BE PAID FOR ANY DELAY OR ADDITIONAL WORK TO REMEDY PREVIOUS EARTHWORK RESULTING FROM THE CONTRACTOR'S NEGLIGENCE TO PROTECT THE SITE.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE AND SUBMIT THE ANNUAL COMPLIANCE STATUS REPORT OF THE CONSTRUCTION STORM WATER GENERAL PERMIT ON SEPTEMBER 1ST OF EACH YEAR THE PROJECT IS IN CONSTRUCTION.
  - THIS PROJECT SHALL COMPLY WITH APPLICABLE PROVISIONS IN THE STATE OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGES, ORDER NO. 2009-0009-DWQ.

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**ENTRENCHMENT DETAIL IN SLOPE AREA**



**ENTRENCHMENT DETAIL IN FLAT AREA**

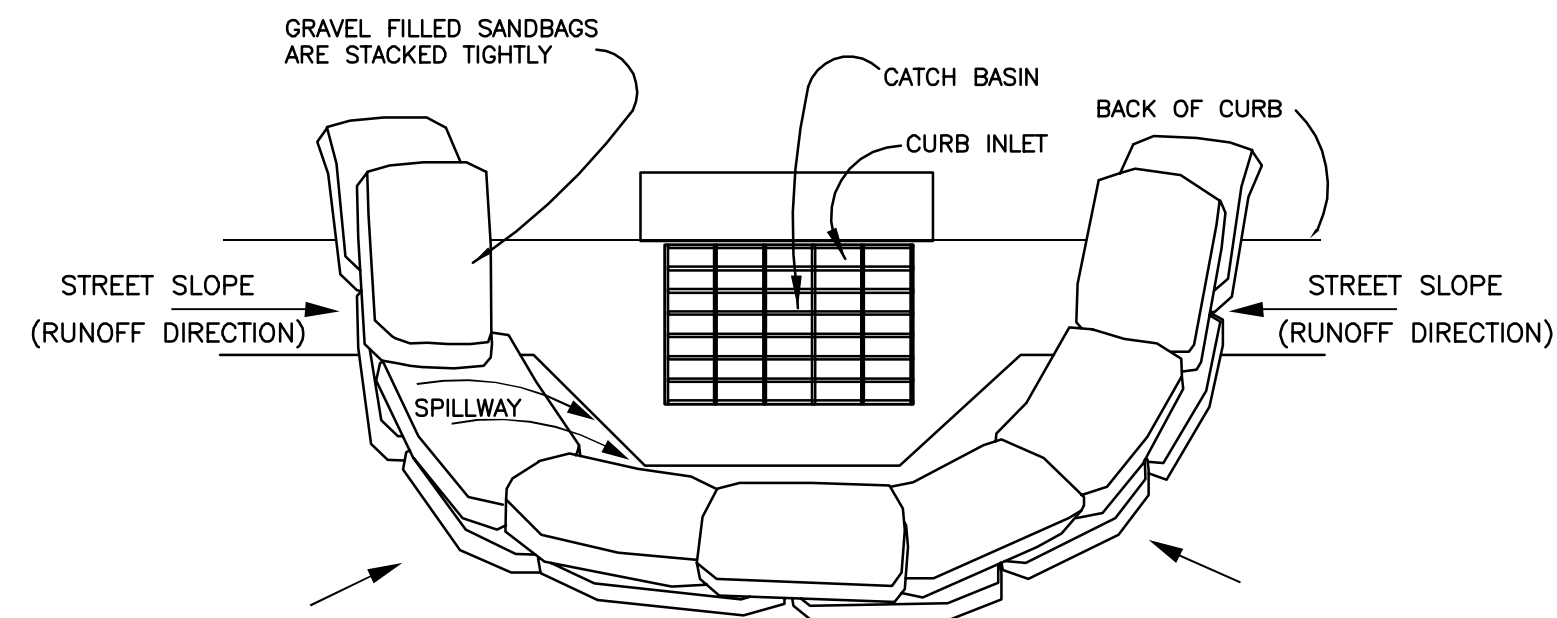
**NOTES:**

1. USE REED & GRAHAM, INC. GEOSYNTHETICS STRAW WATTLE FIBER ROLL (COMES IN 9' X 25' ROLLS) OR APPROVED EQUIVALENT.
2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3" - 5" DEEP, DUG ON CONTOUR.
3. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET.
4. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY. IN PAVED AREAS, USE SAND BAGS TO SECURE FIBER ROLLS IN PLACE OF WOOD STAKE.

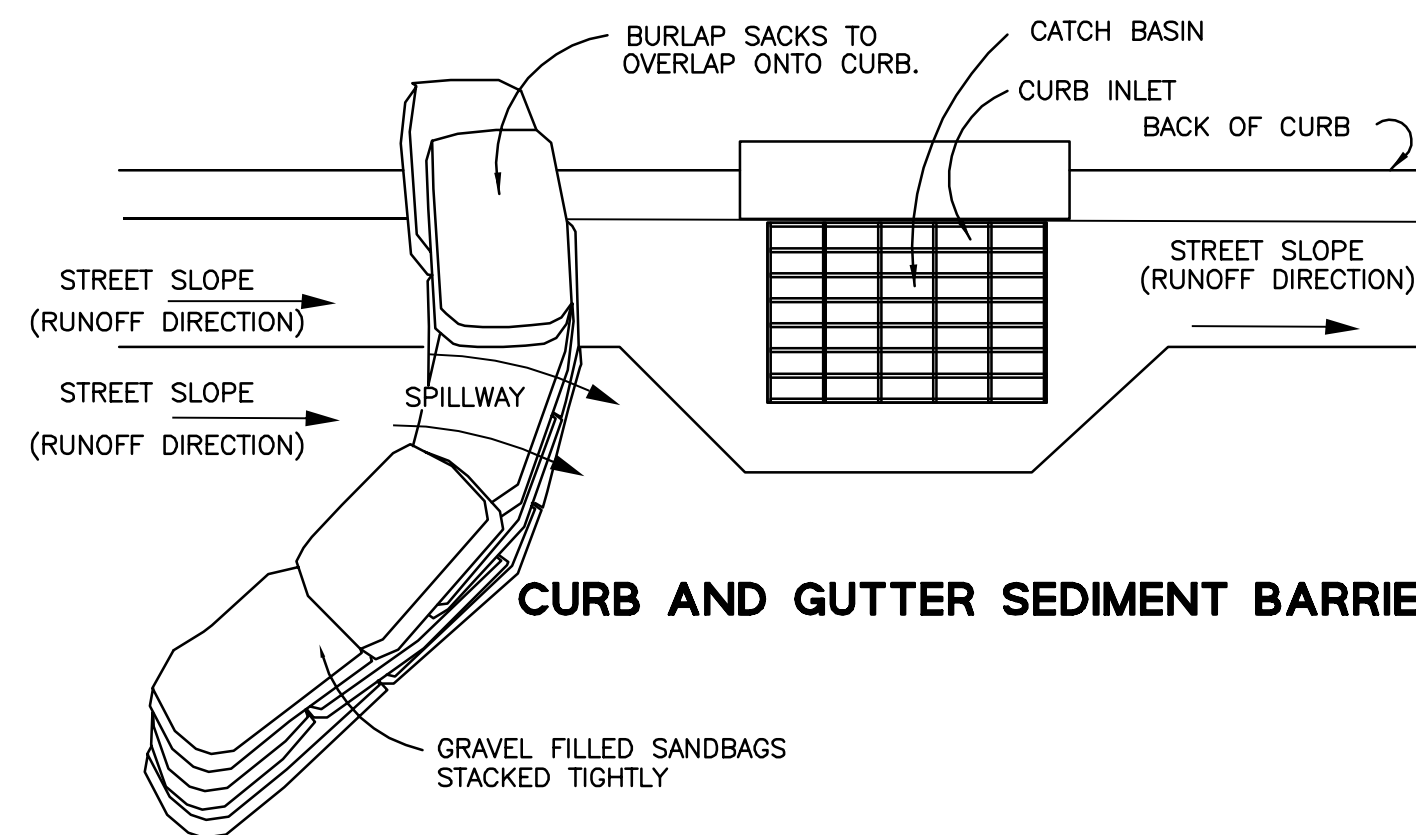


**FIBER ROLL**

SCALE: NTS



**CURB INLET SEDIMENT BARRIER**



**CURB AND GUTTER SEDIMENT BARRIER**

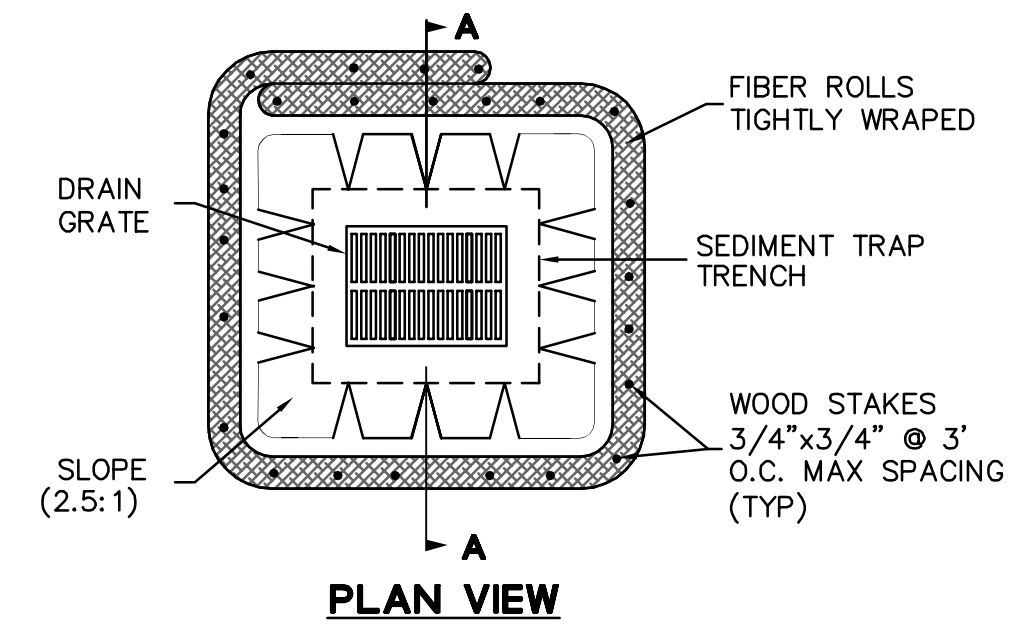
**NOTES:**

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW. TOP OF SPILLWAY SHALL BE LOWER THAN TOP OF CURB.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

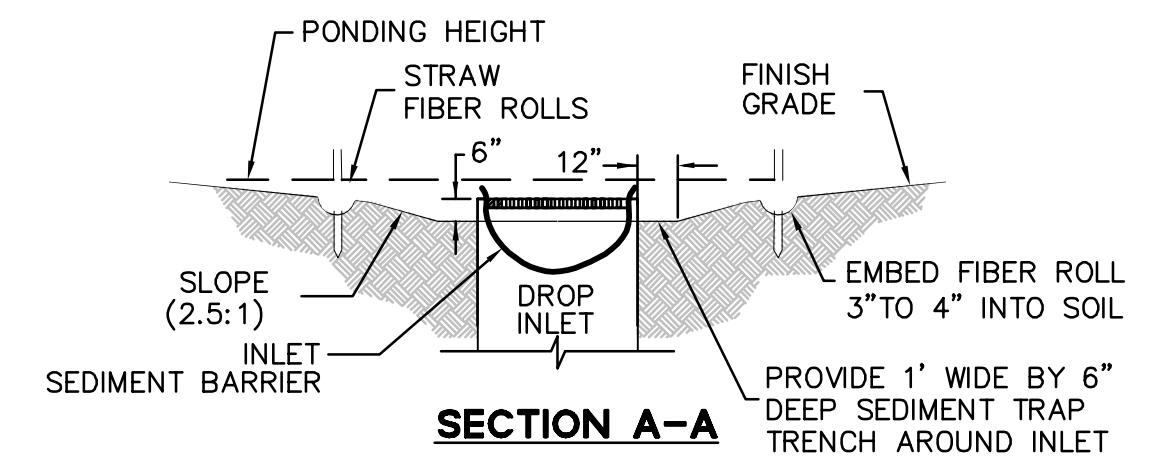


**INLET PROTECTION (TYPE A)**

SCALE: NTS



**PLAN VIEW**



**SECTION A-A**

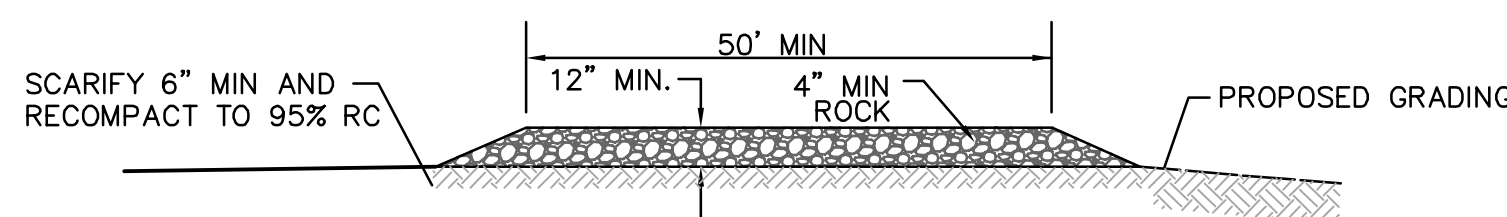
**NOTE:**

1. PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THE SHEET. FIBER ROLLS ARE TUBES MADE FROM STRAW BOUND WITH PLASTIC NETTING. THEY ARE APPROXIMATELY 8" DIAMETER AND 20-30 FEET LONG.



**INLET PROTECTION (TYPE B)**

SCALE: NTS



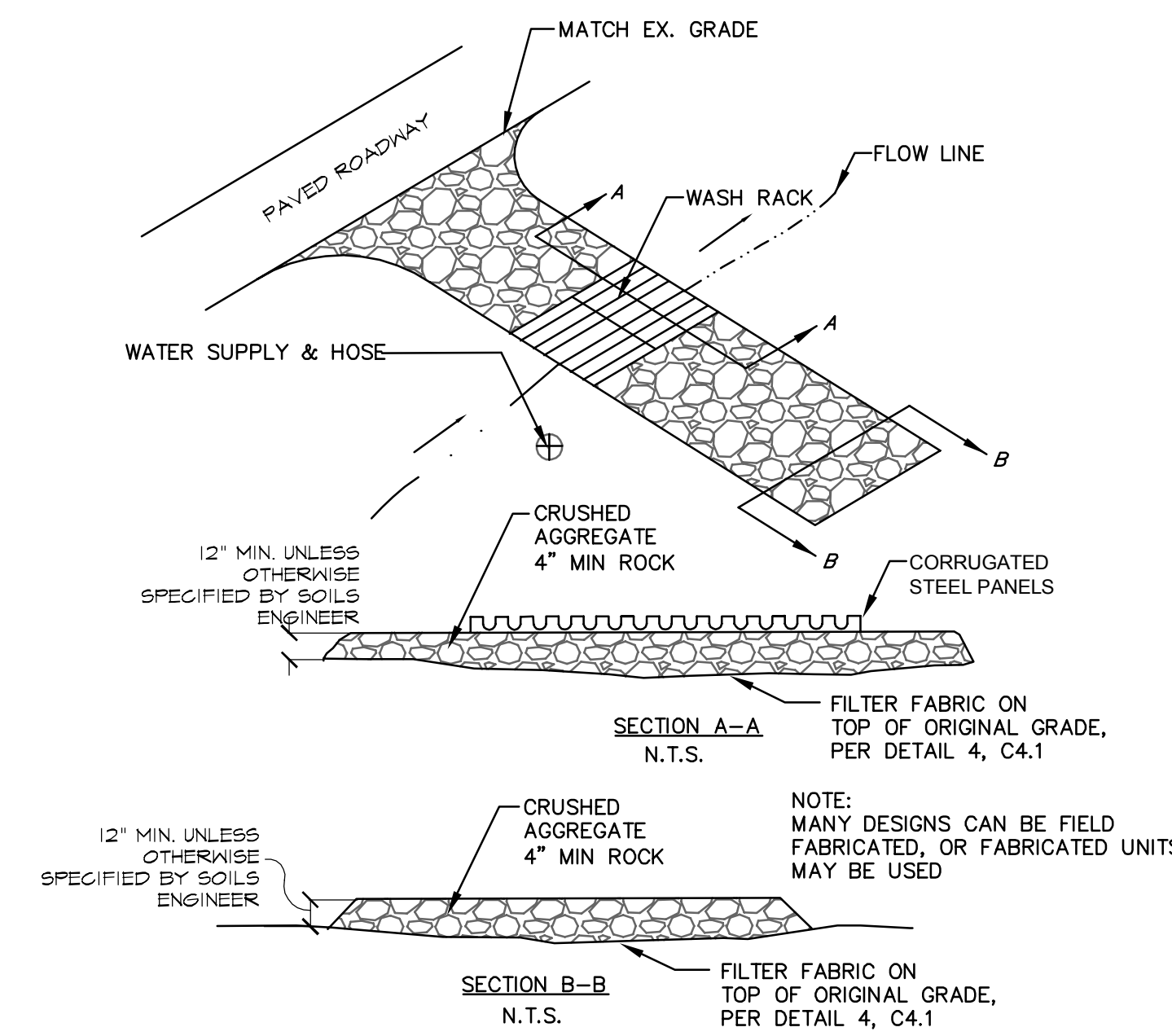
**NOTES:**

1. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE DESIGNED AND MAINTAINED IAW 2010 CFC, CHAPTER 5, 503.2.3.MVV 45,000 LBS.
2. SCARIFY THE TOP 6" OF SUBGRADE AND RECOMPACT TO AT LEAST 95% RELATIVE COMPACTION.
3. THE LOCATIONS SHOWN ARE FOR INFORMATION ONLY. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL ROCK AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE REMOVED IMMEDIATELY.
4. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED ROCK THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. SEDIMENT SHALL BE PREVENTED FROM ENTERING THE STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF INLET PROTECTION (E.G. GRAVELBAGS OR OTHER APPROVED METHODS).
5. THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 4" MIN ROCK.
6. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 12". THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS, OR 25', WHICHEVER IS LESS.
7. THE LENGTH OF THE PAD SHALL NOT BE LESS THAN 50'.



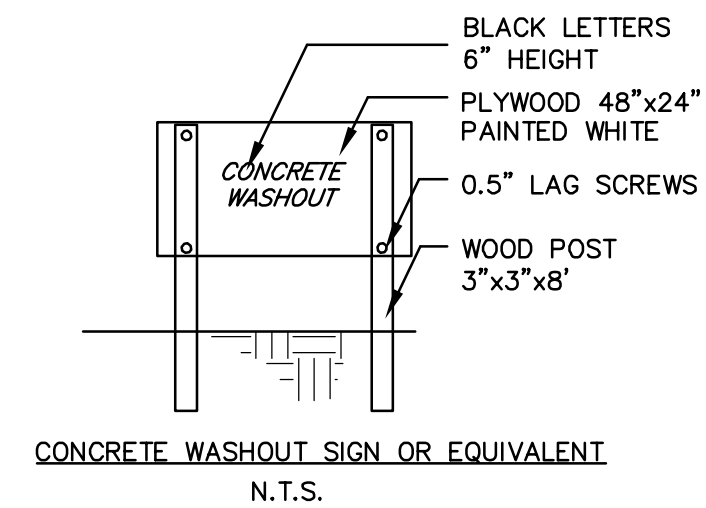
**STABILIZED CONSTRUCTION ENTRANCE/EXIT**

SCALE: NTS



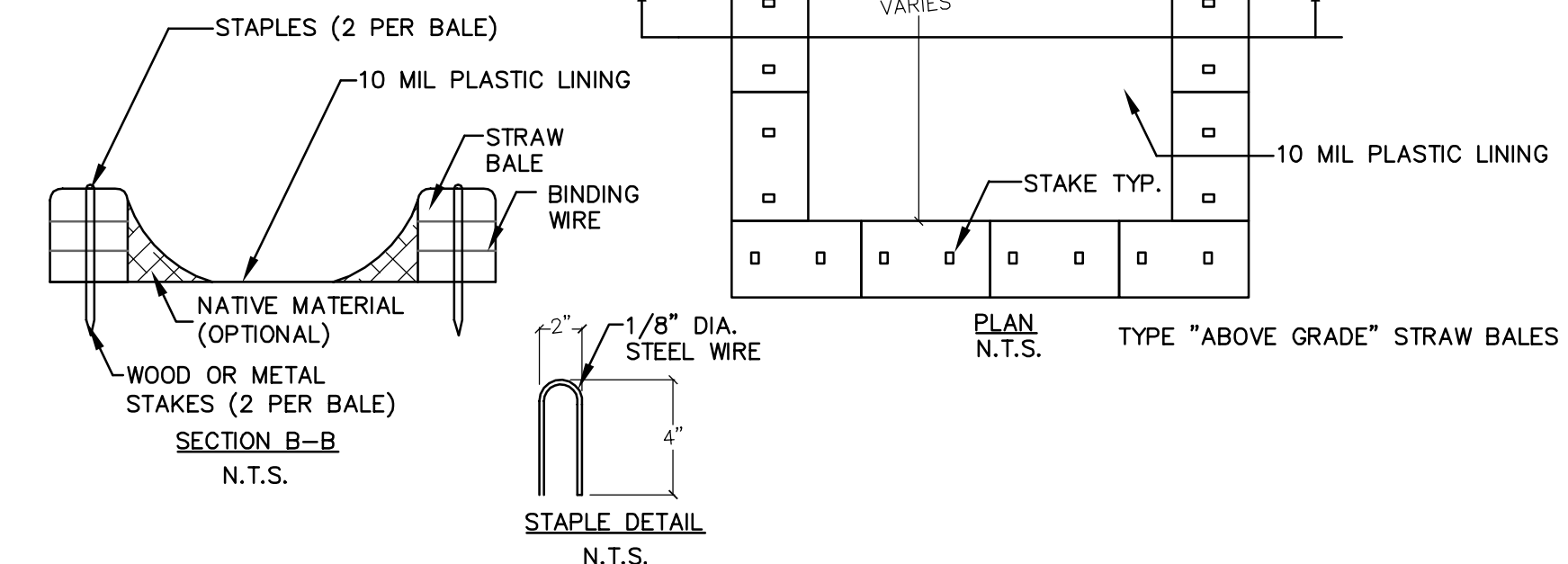
**ENTRANCE / OUTLET TIRE WASH**

SCALE: NTS



**CONCRETE WASHOUT SIGN OR EQUIVALENT**

- NOTES:**
1. ACTUAL LAYOUT DETERMINED TO BE DETERMINE IN FIELD BY CONTRACTOR.
  2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



**CONCRETE WASTE MANAGEMENT**

SCALE: NTS

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**JKA ARCHITECTURE**  
6833 DEL CERRO BOULEVARD | SAN DIEGO, CA 92120 | 619.688.9177  
www.jkatararchitecture.com

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SAN JOSE, CA 95112  
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COASTSIDE FIRE PROTECTION DISTRICT  
FIRE STATION #41

OBISPO ROAD  
EL GRANADA, CA 94018



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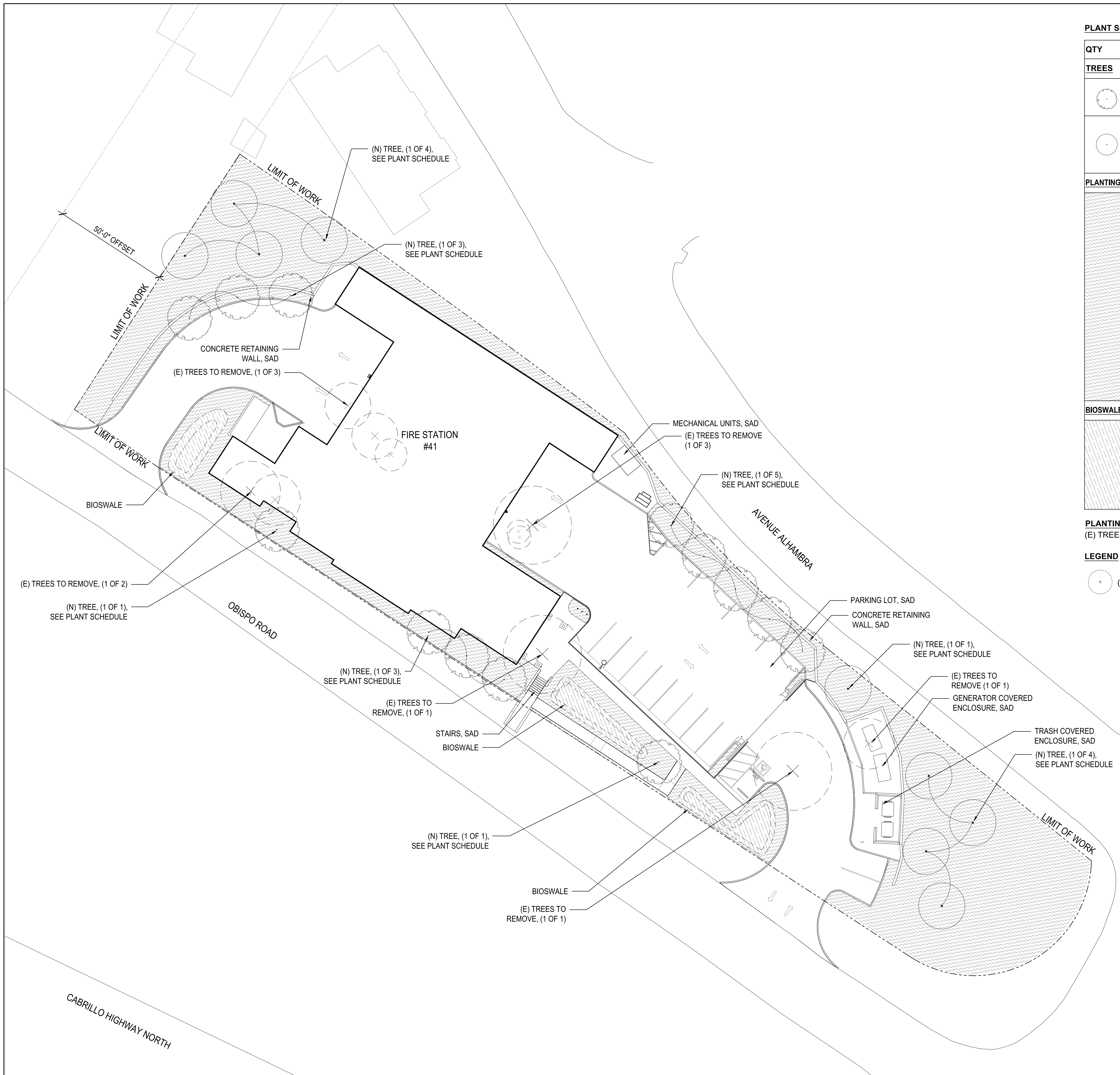
Project Number: 20146103  
Approved By: SS  
Checked By: PC  
Drawn By: PK

Sheet Title:  
**EROSION CONTROL PLAN**

Sheet: 6 OF 16  
Sheet Number:

**C4.1**





**PLANT SCHEDULE**

QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	WATER USE
<b>TREES</b>					
1	Acer campestre	HEDGE MAPLE	36" BOX	AS SHOWN	MODERATE
1	Acer griseum	PAPERBARK MAPLE	36" BOX	AS SHOWN	MODERATE
1	Hesperocyparis Macrocarpa	MONTEREY CEDAR	36" BOX	AS SHOWN	MODERATE
1	Juniper kaizuka	HOLLYWOOD JUNIPER	36" BOX	AS SHOWN	MODERATE
1	Pinus mugo	MUGO PINE	36" BOX	AS SHOWN	MODERATE

**PLANTING - 15,865 SF**

1	Aeonium 'Sunburst'	CANARY ISLAND ROSE	1 GAL	10" O.C.	LOW
5	Agave attenuata	FOXTAIL AGAVE	5 GAL	48" O.C.	LOW
1	Carex pansa	CALIFORNIA MEADOW SEDGE	1 GAL		MODERATE
15	Dodonea viscosa	HOPSEED BUSH	15 GAL	80" O.C.	LOW
5	Euphorbia characias	MEDITERRANEAN SPURGE	5 GAL	30" O.C.	LOW
15	Leucadendron 'Cloudbank Jenny'	CONEBUSH	15 GAL	30" O.C.	LOW
5	Leymus condensatus 'Canyon Prince'	GIANT WILD RYE	5 GAL	24" O.C.	LOW
15	Myrica californica	PACIFIC WAX MYRTLE	15 GAL	10" O.C.	MODERATE
15	Rhamnus californica	COFFEEBERRY	15 GAL	48" O.C.	LOW
5	Salvia clevelandii 'Winnifred Gilman'	CLEVELAND SAGE	5 GAL	24" O.C.	LOW
5	Pennisetum seataceum	FOUNTAIN GRASS	5 GAL	18" O.C.	LOW

**BIOSWALE PLANTING - 1,270 SF**

5	Chondropetalum tectorum	CAPE RUSH	5 GAL	24" O.C.	LOW
1	Iris douglasiana	DOUGLAS IRIS	1 GAL	12" O.C.	LOW
5	Juncus patens 'Elk Blue'	CALIFORNIA GREY RUSH	5 GAL	18" O.C.	LOW
1	Lupinus bicolor	MINATURE LUPINE	1 GAL	12" O.C.	LOW
5	Muhlenbergia rigens	DEER GRASS	5 GAL	30" O.C.	LOW

**PLANTING NOTES**

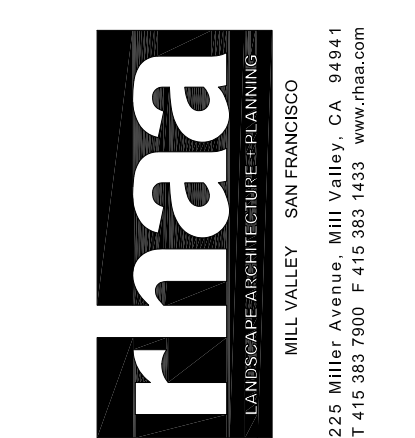
(E) TREES TO BE REMOVED, UNLESS OTHERWISE NOTED.

**LEGEND**

(+) (E) TREES TO BE REMOVED



**JKA** jeff katz ARCHITECTURE  
 6553 DEL CERRO BOULEVARD | SAN DIEGO, CA 92128 | 619.686.9177  
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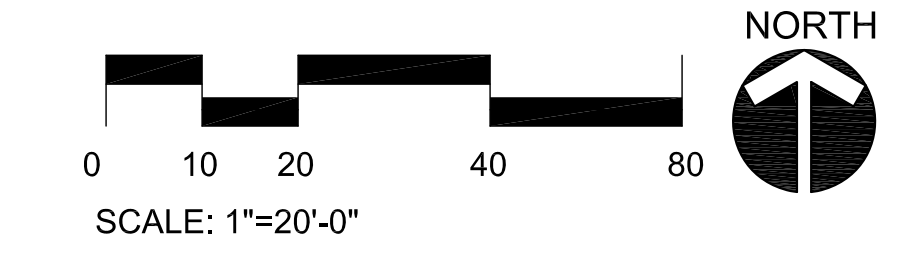
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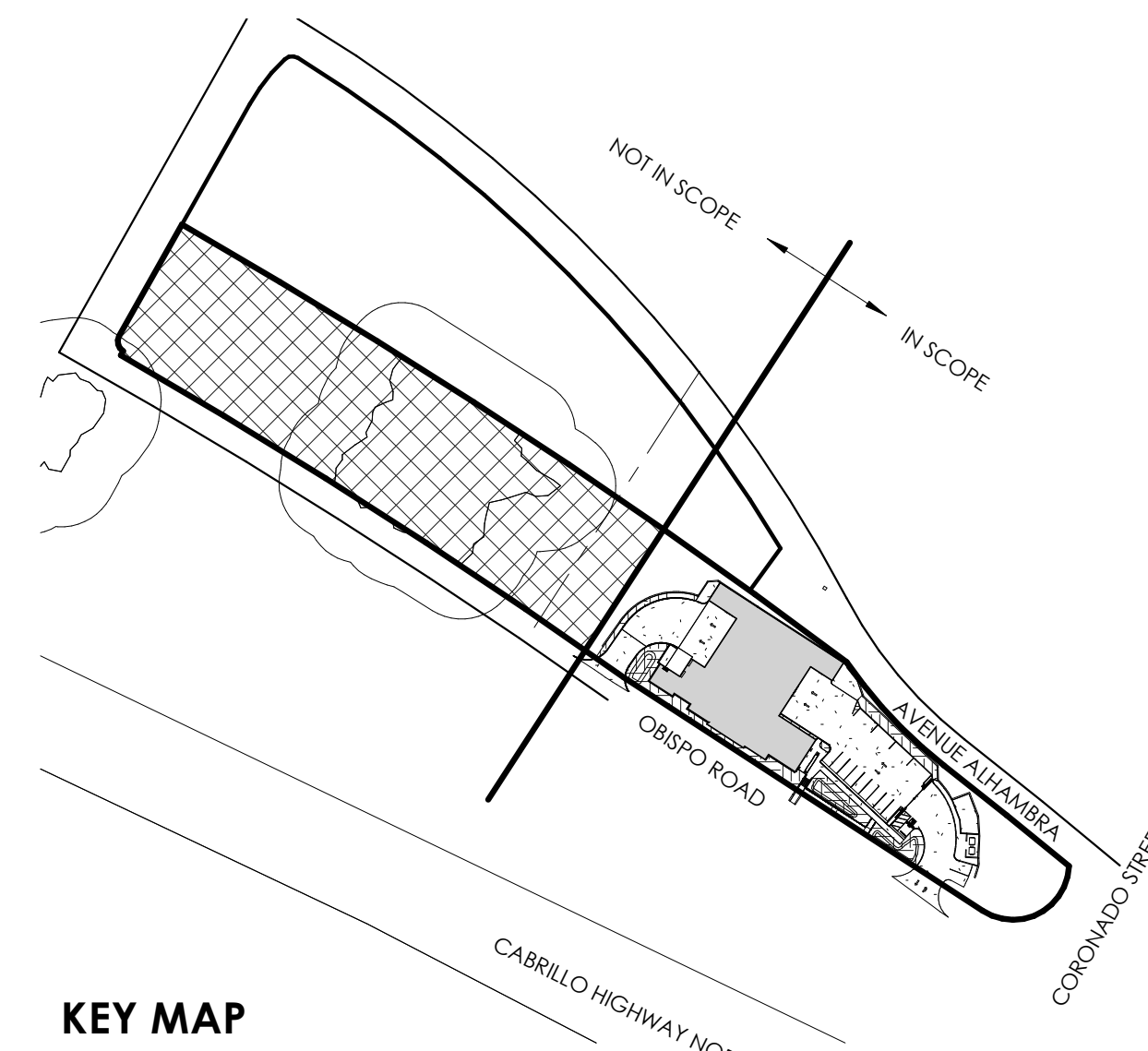
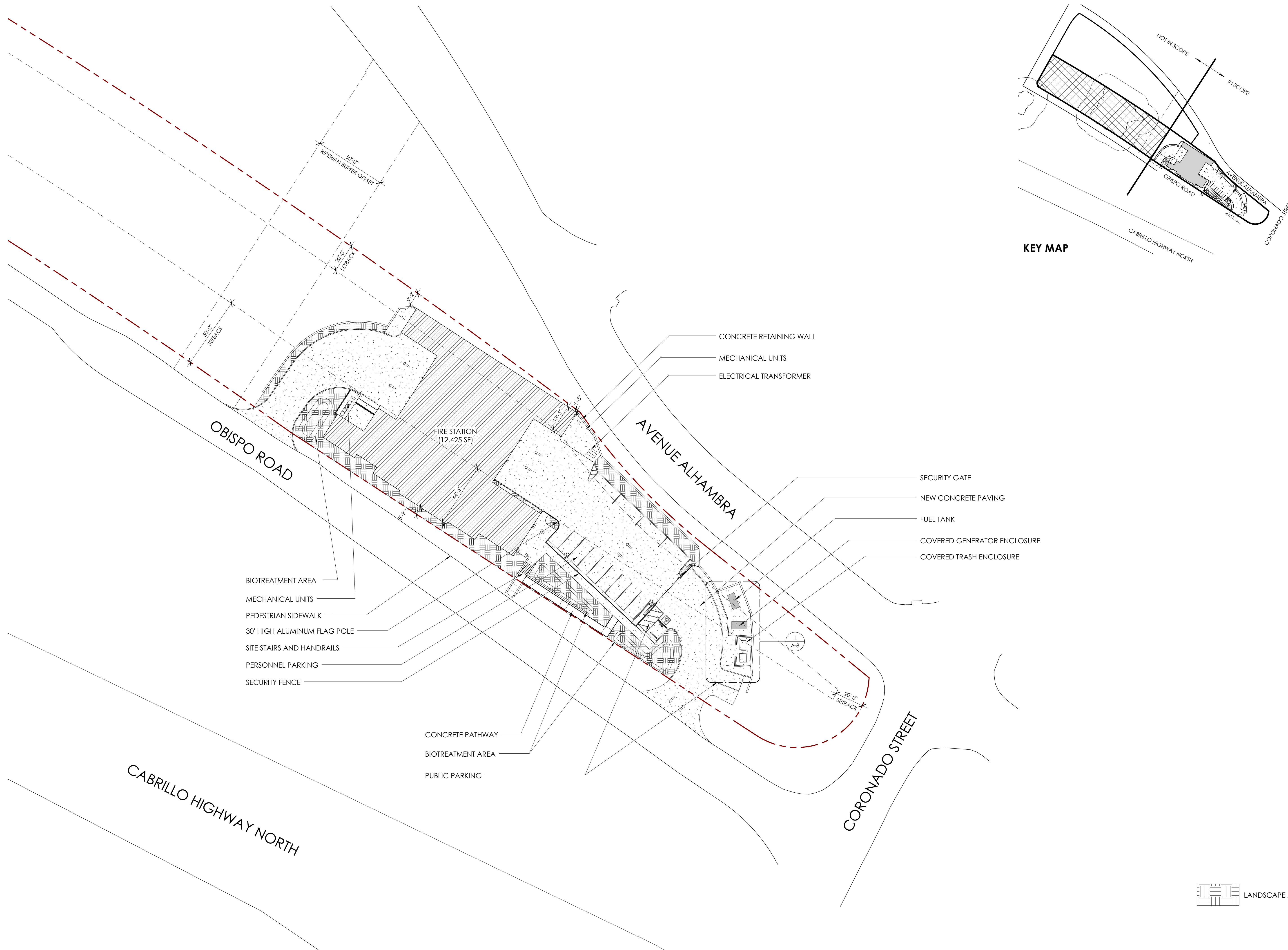
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**LANDSCAPE SITE PLAN**

Sheet: 7 OF 16  
 Sheet Number:

**L-1**







Project:  
 COASTSIDE FIRE PROTECTION DISTRICT  
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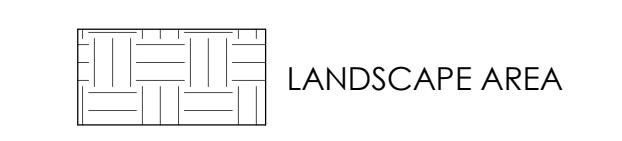
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Project Number: 150202  
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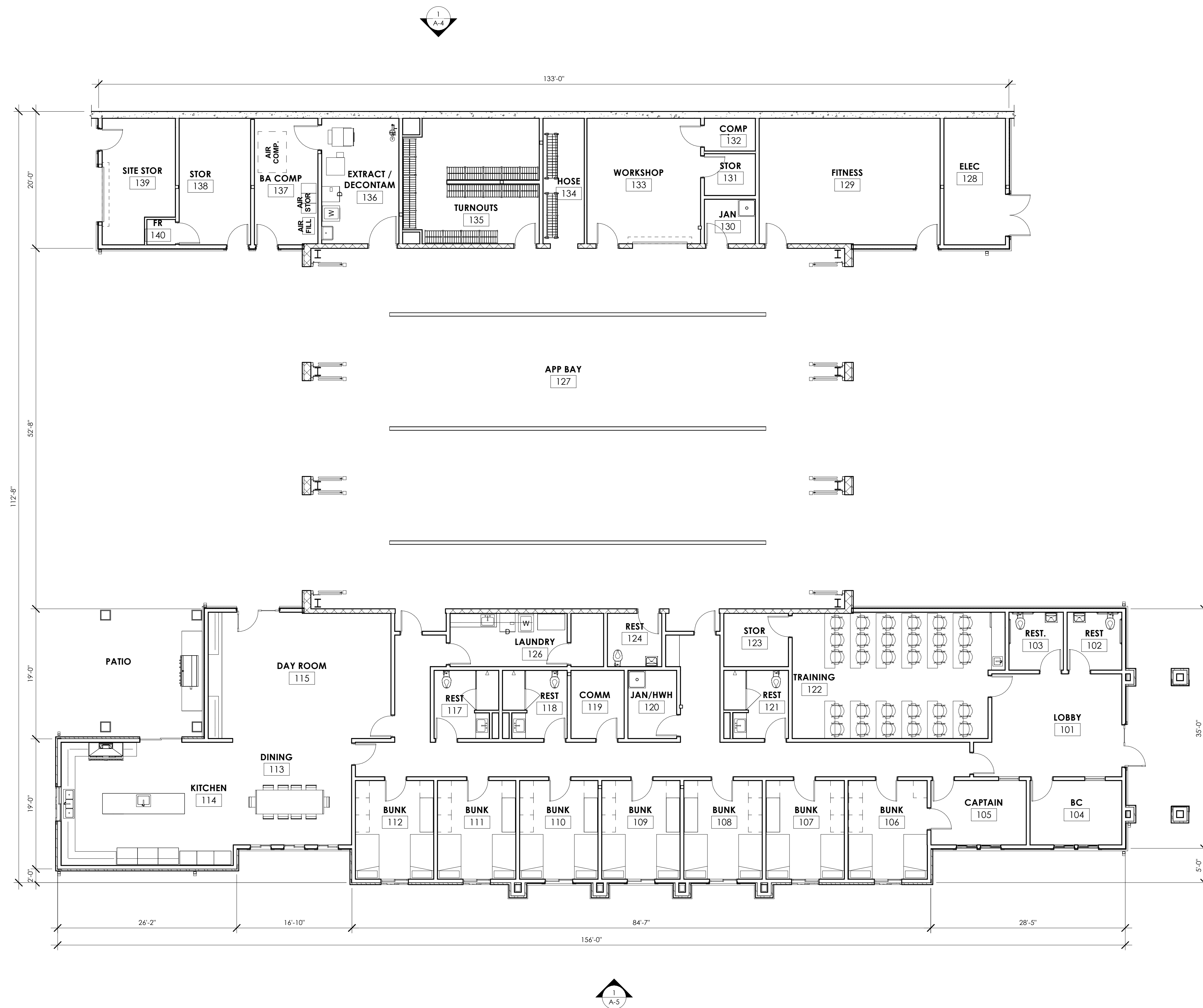
Sheet Title:  
**SITE PLAN - PLANNING**

Sheet: 8 OF 16  
 Sheet Number:

**A-1**







ROOM AREA SCHEDULE		
ROOM NAME	GROSS AREA	CLASS
LOBBY	326 SF	B
REST	74 SF	B
REST.	73 SF	B
BC	138 SF	B
CAPTAIN	143 SF	B
BUNK	182 SF	R-3
BUNK	180 SF	R-3
BUNK	180 SF	R-3
BUNK	180 SF	R-3
BUNK	180 SF	R-3
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DINING	284 SF	R-3
KITCHEN	494 SF	R-3
DAY ROOM	536 SF	R-3
HALL	703 SF	R-3
REST	95 SF	R-3
REST	95 SF	R-3
COMM	84 SF	R-3
JAN/HWH	77 SF	R-3
REST	96 SF	R-3
TRAINING	598 SF	B
STOR	80 SF	R-3
REST	68 SF	S-2
STOR	41 SF	R-3
LAUNDRY	146 SF	R-3
APP BAY	4491 SF	S-2
ELEC	182 SF	S-2
FITNESS	532 SF	S-2
JAN	53 SF	S-2
STOR	50 SF	R-3
COMP	39 SF	S-2
WORKSHOP	333 SF	S-2
HOSE	121 SF	S-2
TURNOUTS	376 SF	S-2
EXTRACT / DECONTAM	226 SF	S-2
BA COMP	187 SF	S-2
STOR	211 SF	S-2
SITE STOR	196 SF	S-2
FR	17 SF	S-2
<b>TOTAL GROSS AREA</b>	<b>12425 SF</b>	

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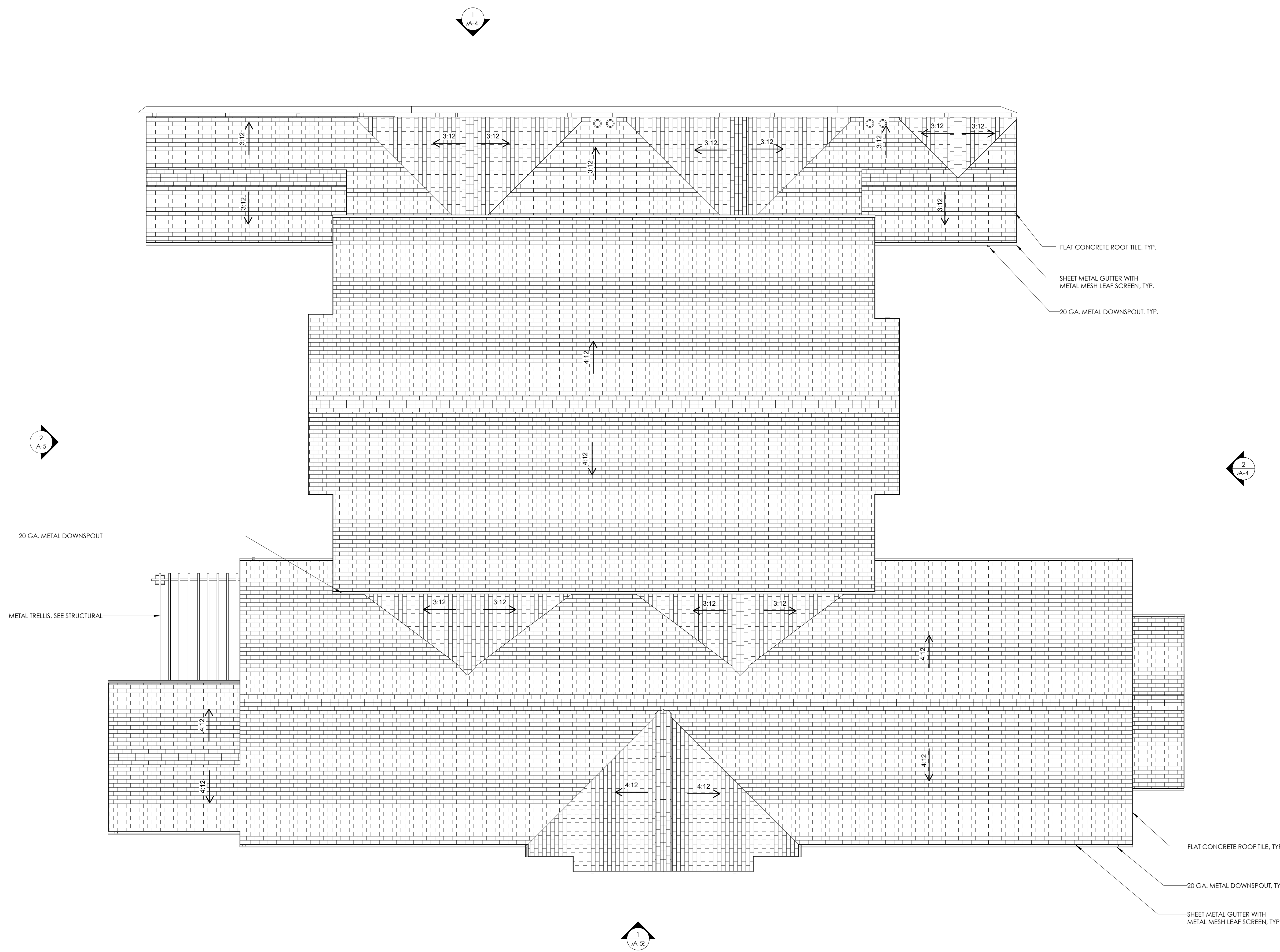
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Project Number: 150202  
 Approved By: Approver  
 Checked By: Checker  
 Drawn By: Author

Sheet Title:  
**FLOOR PLAN - PLANNING**

Sheet: 9 OF 16  
 Sheet Number:





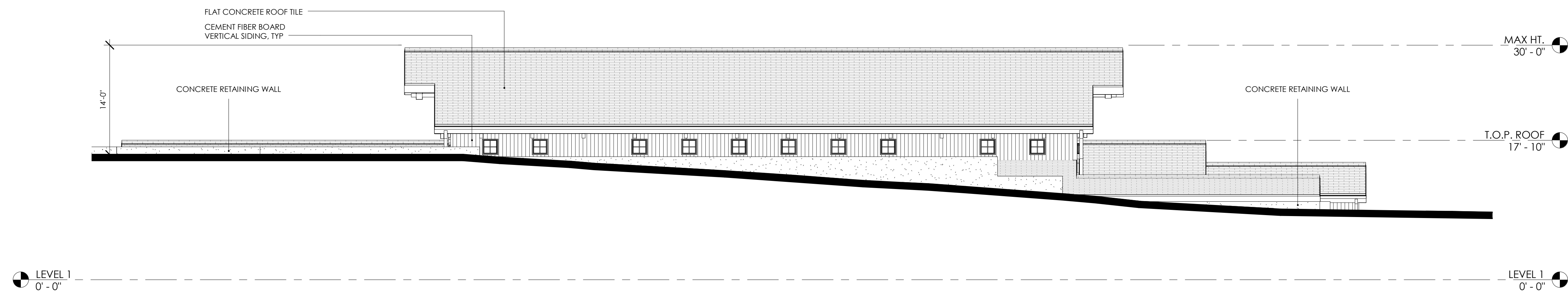
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 SHEET METAL GUTTER WITH METAL MESH LEAF SCREEN, TYP.  
 20 GA. METAL DOWNSPOUT, TYP.

20 GA. METAL DOWNSPOUT  
 METAL TRELLIS, SEE STRUCTURAL

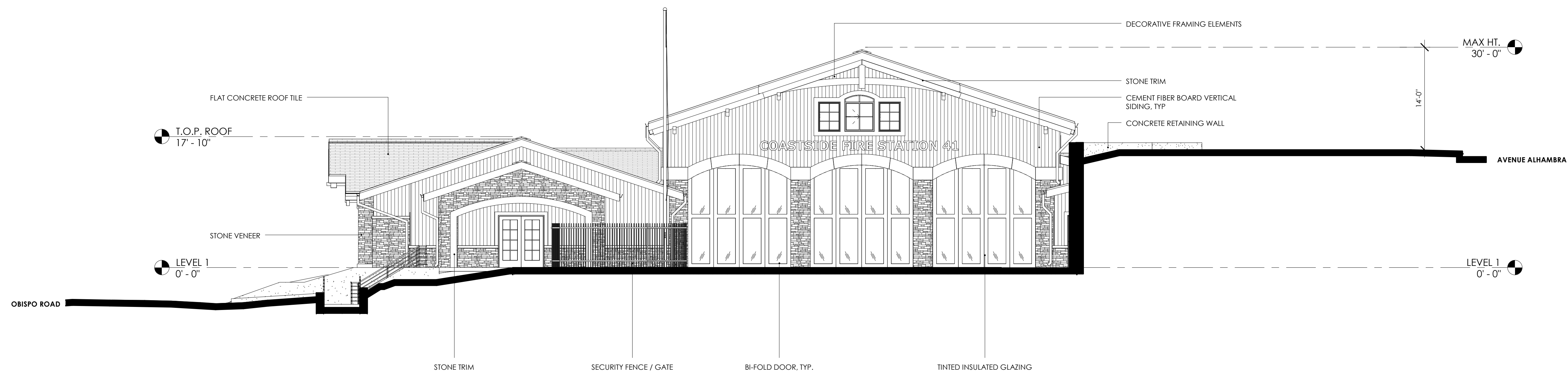
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 20 GA. METAL DOWNSPOUT, TYP.  
 SHEET METAL GUTTER WITH METAL MESH LEAF SCREEN, TYP.







1 NORTH - PLANNING  
A-4 SCALE: 1/8" = 1'-0"



2 EAST - PLANNING  
A-4 SCALE: 1/8" = 1'-0"

Project:  
COASTSIDE FIRE  
PROTECTION DISTRICT  
FIRE STATION #41  
  
OBISPO ROAD  
EL GRANADA, CA 94018



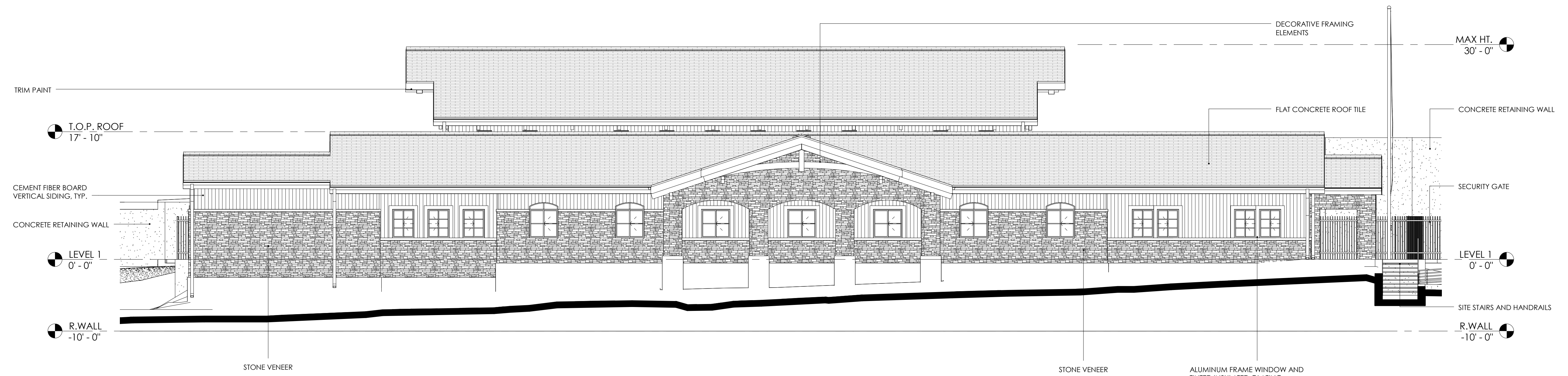
Description: PLANNING SUBMITTAL  
Date: 08/16/16

Project Number: 150202  
Approved By: Approver  
Checked By: Checker  
Drawn By: Author

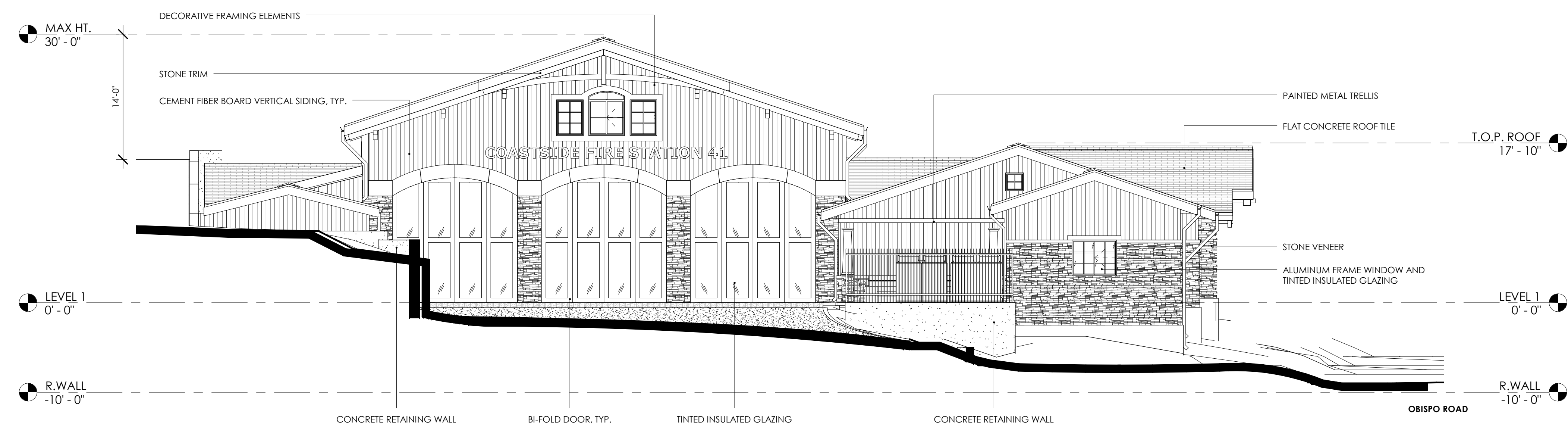
Sheet Title:  
EXTERIOR  
ELEVATIONS -  
PLANNING

Sheet: 11 OF 16  
Sheet Number:





1 SOUTH - PLANNING  
A-5 SCALE: 1/8" = 1'-0"



2 WEST - PLANNING  
A-5 SCALE: 1/8" = 1'-0"

Project:  
COASTSIDE FIRE PROTECTION DISTRICT  
FIRE STATION #41  
OBISPO ROAD  
EL GRANADA, CA 94018



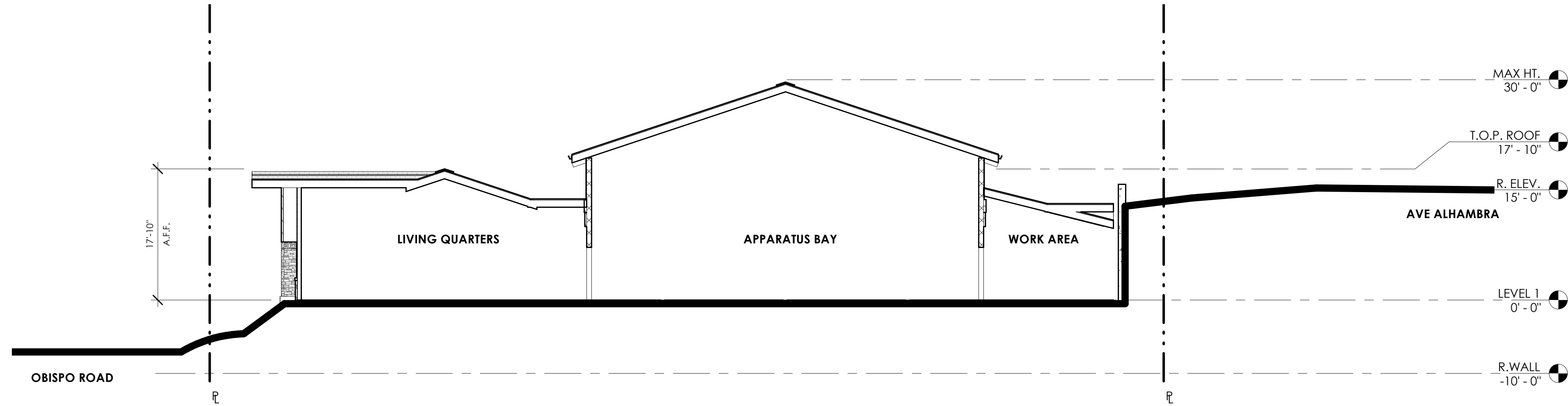
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Date: 08/16/16

Project Number: 150202  
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Drawn By: Author

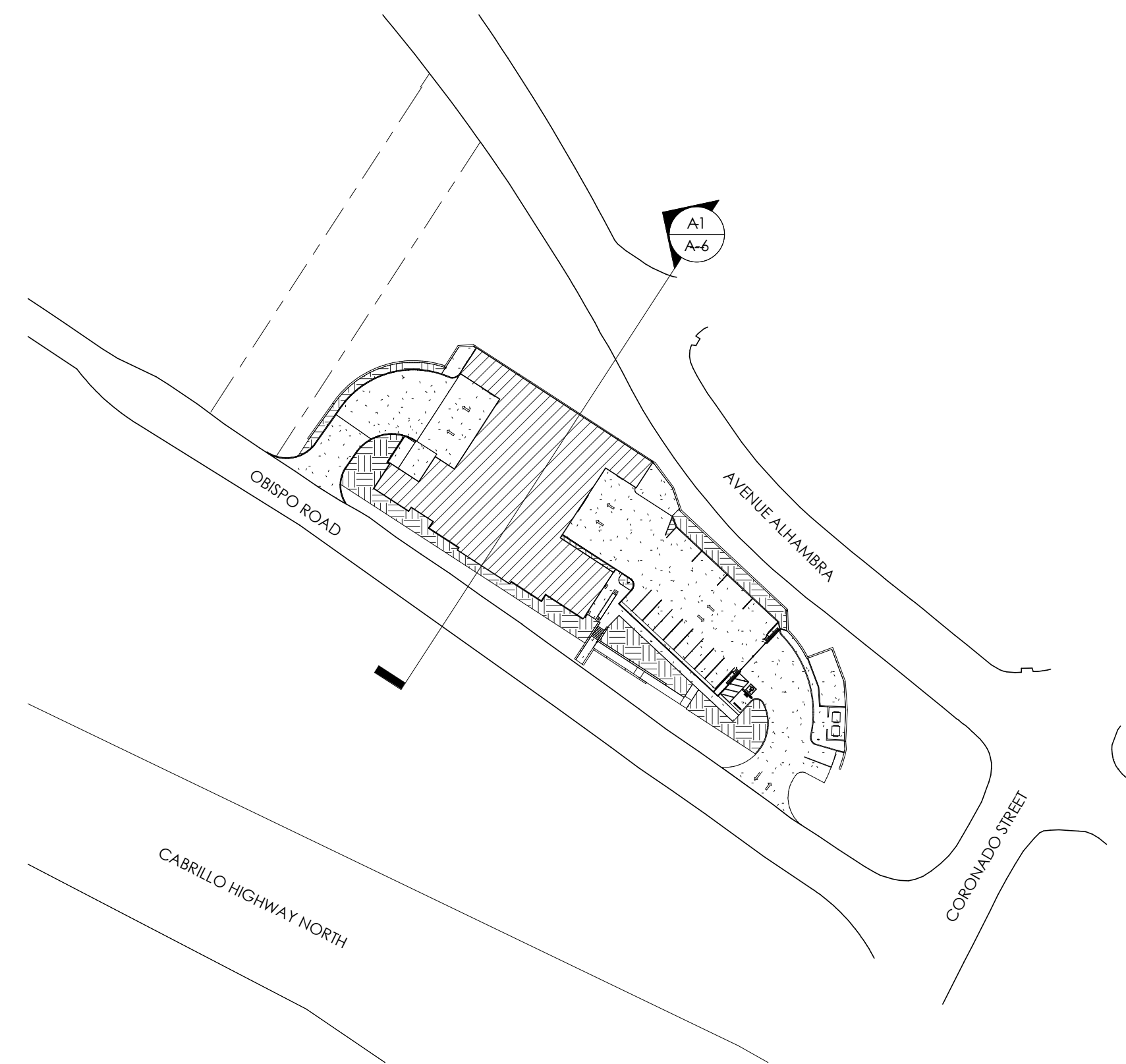
Sheet Title:  
EXTERIOR ELEVATIONS - PLANNING

Sheet: 12 OF 16  
Sheet Number:





A1 SITE SECTION  
A-6 SCALE: 1" = 10'-0"



KEY MAP

Project:  
COASTSIDE FIRE  
PROTECTION DISTRICT  
FIRE STATION #41  
  
OBISPO ROAD  
EL GRANADA, CA 94018



Description: PLANNING SUBMITTAL  
Date: 08/16/16

Project Number: 150202  
Approved By: Approver  
Checked By: Checker  
Drawn By: Author

Sheet Title:  
**SITE SECTION -  
PLANNING**

Sheet: 13 OF 16  
Sheet Number:





VIEW 1 FROM OBISPO ROAD



VIEW 2 FROM OBISPO ROAD

Project:  
COASTSIDE FIRE  
PROTECTION DISTRICT  
FIRE STATION #41  
  
OBISPO ROAD  
EL GRANADA, CA 94018



Description: PLANNING SUBMITTAL  
Date: 08/16/16

Project Number: 150202  
Approved By: Approver  
Checked By: Checker  
Drawn By: Author

Sheet Title:  
RENDERINGS

Sheet: 14 OF 16  
Sheet Number:





VIEW 1 FROM AVENUE ALHAMBRA



VIEW 2 FROM AVENUE ALHAMBRA

Project:  
 COASTSIDE FIRE  
 PROTECTION DISTRICT  
 FIRE STATION #41

OBISPO ROAD  
 EL GRANADA, CA 94018



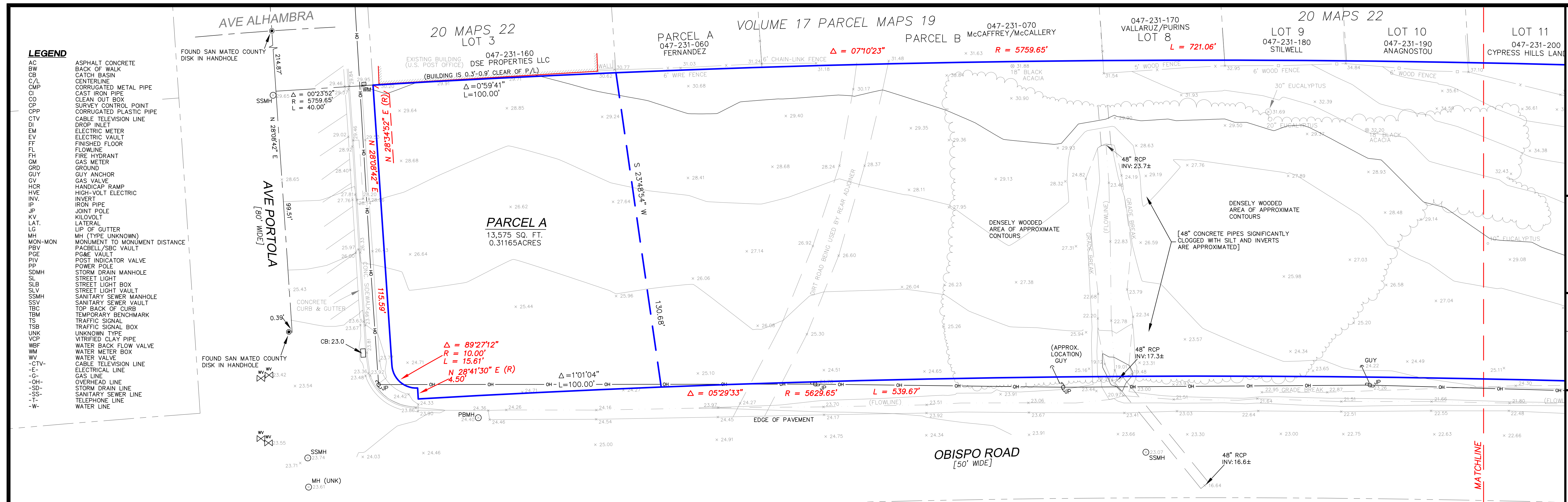
Description: PLANNING  
 SUBMITTAL  
 Date: 08/16/16

Project Number: 150202  
 Approved By: Approver  
 Checked By: Checker  
 Drawn By: Author

Sheet Title:  
 RENDERINGS

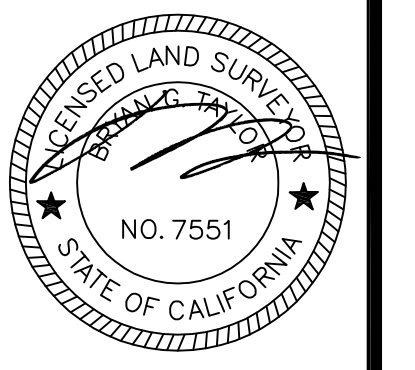
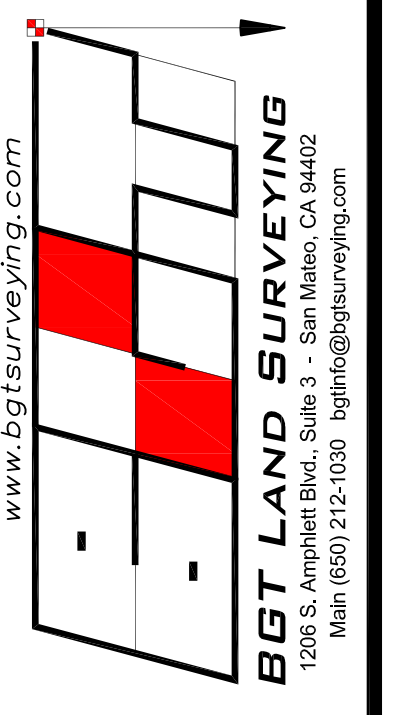
Sheet: 15 OF 16  
 Sheet Number:





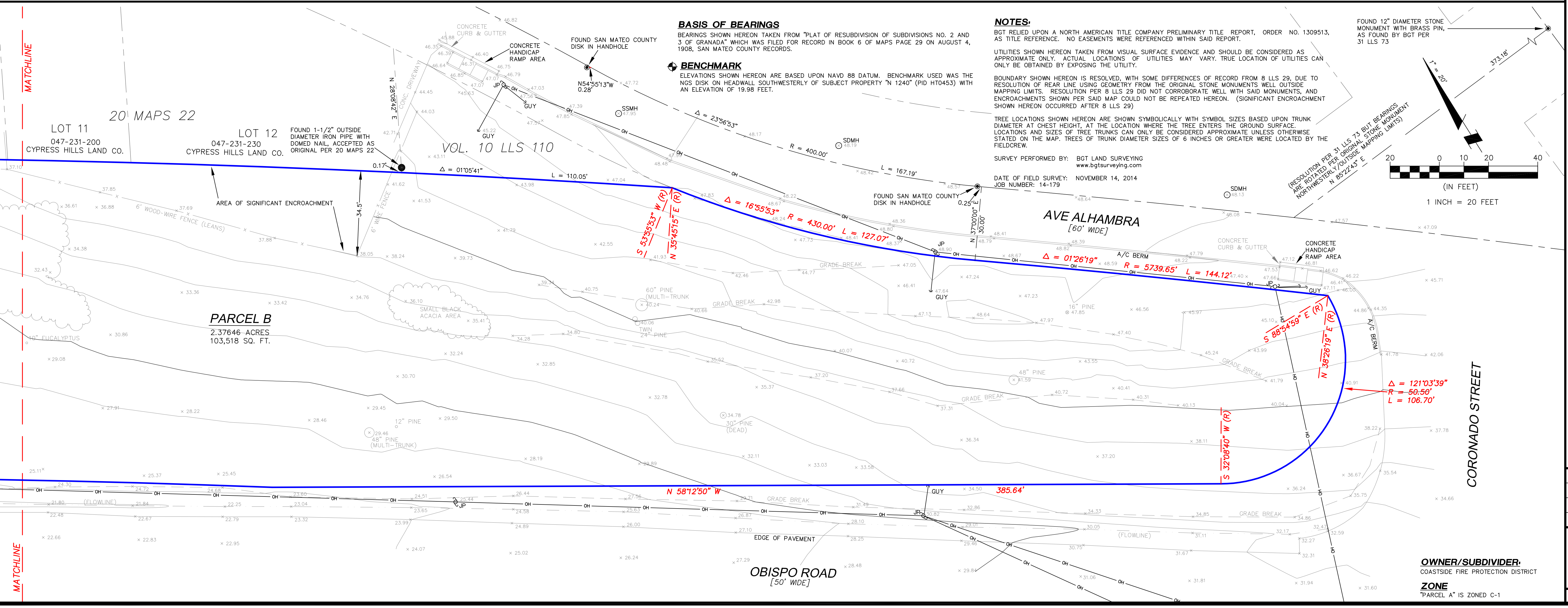
**LEGEND**

AC	ASPHALT CONCRETE
BW	BACK OF WALK
CB	CATCH BASIN
CA	CENTERLINE
CMP	CORRUGATED METAL PIPE
CI	CAST IRON PIPE
CO	CLEAN OUT BOX
CP	SURVEY CONTROL POINT
CPP	CORRUGATED PLASTIC PIPE
CTV	CABLE TELEVISION LINE
DI	DROP INLET
EM	ELECTRIC METER
EV	ELECTRIC VAULT
FF	FINISHED FLOOR
FL	FLOWLINE
FR	FIRE HYDRANT
GM	GAS METER
GRD	GROUND
GUY	GUY ANCHOR
GV	GAS VALVE
HCR	HANDICAP RAMP
HVE	HIGH-VOLT ELECTRIC
INV	INVERT
IP	IRON PIPE
JP	JOINT POLE
KV	KILOVOLT
LAT	LATERAL
LG	LIP OF GUTTER
MH	MH (TYPE UNKNOWN)
NON-MON	MONUMENT TO MONUMENT DISTANCE
PBV	PACCELL/SBC VAULT
PSE	POLE VAULT
PV	POST INDICATOR VALVE
PP	POWER POLE
SDM	STORM DRAIN MANHOLE
SL	STREET LIGHT
SLB	STREET LIGHT BOX
SLV	STREET LIGHT VAULT
SSMH	SANITARY SEWER MANHOLE
SSV	SANITARY SEWER VAULT
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCHMARK
TS	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL BOX
UNK	UNKNOWN TYPE
VCP	VITRIFIED CLAY PIPE
WBF	WATER BACK FLOW VALVE
WM	WATER METER
WV	WATER VALVE
-CTV-	CABLE TELEVISION LINE
-E-	ELECTRICAL LINE
-G-	GAS LINE
-OH-	OVERHEAD LINE
-SD-	STORM DRAIN LINE
-SS-	SANITARY SEWER LINE
-T-	TELEPHONE LINE
-W-	WATER LINE



Assessor Parcel Number:  
047-261-030

Prepared For:  
COASTSIDE FIRE PROTECTION DISTRICT



**TENTATIVE PARCEL MAP - "STATION 41"**  
BEING THE FORMER "LANDS OF SAN MATEO COUNTY HARBOR DISTRICT" AS SHOWN ON 8 LLS 29

**VACANT PARCEL, OBISPO ROAD**  
EL GRANADA, COUNTY OF SAN MATEO, CALIFORNIA

Date: AUG. 2016  
Scale: 1" = 20'  
Contour Interval: 2'  
Drawn: LHL  
Drawing Number:  
**SU-1**  
SHEET 1 OF 1  
Job No. 14-179

**OWNER/SUBDIVIDER:**  
COASTSIDE FIRE PROTECTION DISTRICT

**ZONE**  
\*PARCEL A\* IS ZONED C-1