

ATTACHMENT 9
LAGUNA
COUNTY SANITATION DISTRICT
SANTA BARBARA COUNTY
620 West Foster Road
Santa Maria, California 93455
(805) 803-8750

February 21, 2025

Hope Community Church of Santa Maria, Inc.
3010 Skyway Drive, Suite F
Santa Maria, CA 93455

Re: Sewer Service for 1350 Founders Ave on APN: 107-150-021 and 022
Proposed Commercial Building for Famcon Pipe and Supply, Inc.

Transmitted via electronic mail

Dear property owner:

Your project proposes to construct new building which will be an office for Famcon Pipe and Supply. District records indicate no existing sewer being served at this lot and therefore a new private lateral connection will be made to the public sewer on Founders Avenue per your plans (subject to approval). Please note that this project scope needs to be confirmed with the County of Santa Barbara Planning and Development Department, and any changes to the scope void this Can and Will Serve letter.

This is a Can-and-Will Serve letter from the Laguna County Sanitation District for the development of the proposed building. The following conditions apply:

1. The new building is subject to a commercial development fee (connection charge) per District ordinance. The sewer connection charge, based on 35 drainage fixture units, equals \$15,076.14 per our current rate and fee ordinance. The sewer connection charge is subject annual adjustments by ordinance.
2. Commercial structures, if any such as recreational halls, must have separate domestic only water meters. Commercial structures are charged for annual sewer service charges based on water usage on the tax roll. The current minimum amount is \$925.00 per year. A prorated estimated based upon usage type amount would be due at the time of final occupancy approval, whereas this charge will be assessed on the tax roll thereafter. The sewer service charge is subject annual adjustments by ordinance. For billing purposes at the time of occupancy sign off, the District may estimate water usage for calculating the first payment by referring to similar facility water usage.
3. Private sewer laterals and private sewer mains to serve the new structure are subject to the California Plumbing Code as administered by the Building and Safety Division of the Planning and Development Department.

County of Santa Barbara Public Works Department, an AA/EEO Employer

Chris Sneddon, Director

Martin J. Wilder, LCSD Manager
www.countyofsb.org/pwd

Kevin Thompson, LCSD Engineer

4. Backwater valve is required to be installed per District design standards. Refer to District standard drawing 5 (attached). Also, a cleanout located at the property line is required for new sewer laterals, and recommended for existing sewer laterals. Additional cleanout(s) may be required per the California Plumbing Code.
5. This project will not cause effluent produced by the District's reclamation plant to exceed permit thresholds. The wastewater derived from the project is domestic in nature and as such will be free of industrial and prohibited wastes as described in Sections 29-25 through 29-27.1 of the County Code. Please note this includes a prohibition on the use of salt load water softeners and the requirement to install a sewage backwater valve. Canister exchange is acceptable (contact Rayne or Culligan for more details).
6. The District has adequate treatment and disposal capabilities to serve the project.
7. The existing public sewer collection system has adequate capacity to serve the project.
8. **Note that separate sewer Can and Will Serve letters are required for each tenant improvement or new building on this site as a whole.** This is the first Can and Will Serve issued to date. Please submit other tenant improvement or other building plans to our office for the other buildings accordingly with site and plumbing plans showing plumbing counts, which would require additional fees per District ordinance.

As previously stated, the charges due prior to occupancy approval are as follows (subject to change):

Application Fee	\$100.00
Commercial Development Fee	\$15,076.14
Prorated sewer service charge	TBD
Total	TBD

Note: TBD= to be determined and is calculated at the time of occupancy approval

Attached to this letter is a Sewer Service Application (please sign and return), used by the District to track financial transactions of the development. Also attached is a record drawing plan sheet and a page from our collection system atlas map showing the location of the public sewer main.

Please call me at 803-8756 or email me at kethomp@countyofsb.org for any questions you may have.

Sincerely,

Kevin Thompson

Kevin Thompson, P.E.

Laguna County Sanitation District Civil Engineer

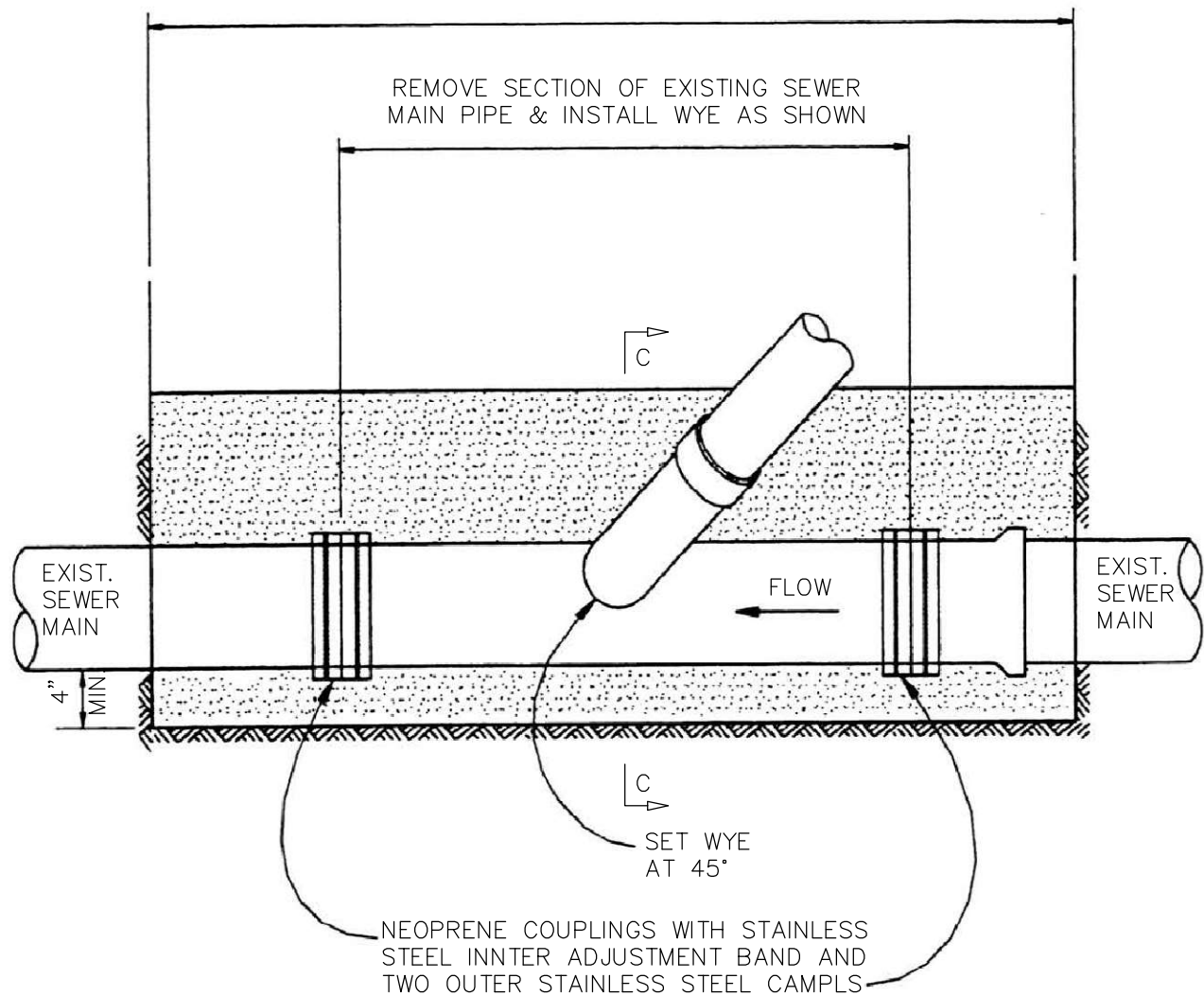
Sent to Morgan Krapes mkrapes@flowersassoc.com

Copy: Bradley Crandall, Building & Safety
File: APN 107-150-021 and 022

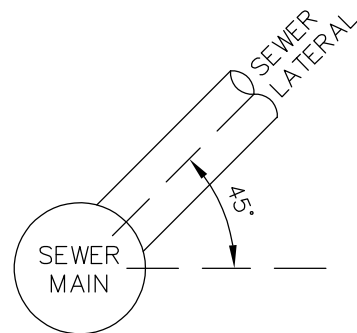
Attachments:

1. District standard drawings 3, 4, and 5
2. Sewer Service Application (please sign and return)
3. Record drawing plan sheet
4. Collection system atlas map
5. District rate and fee ordinance
6. Can and Will Serve procedure and requirements

OVEREXCAVATE A MIN. OF 12" FROM COUPLING AND BACKFILL TO A MIN.



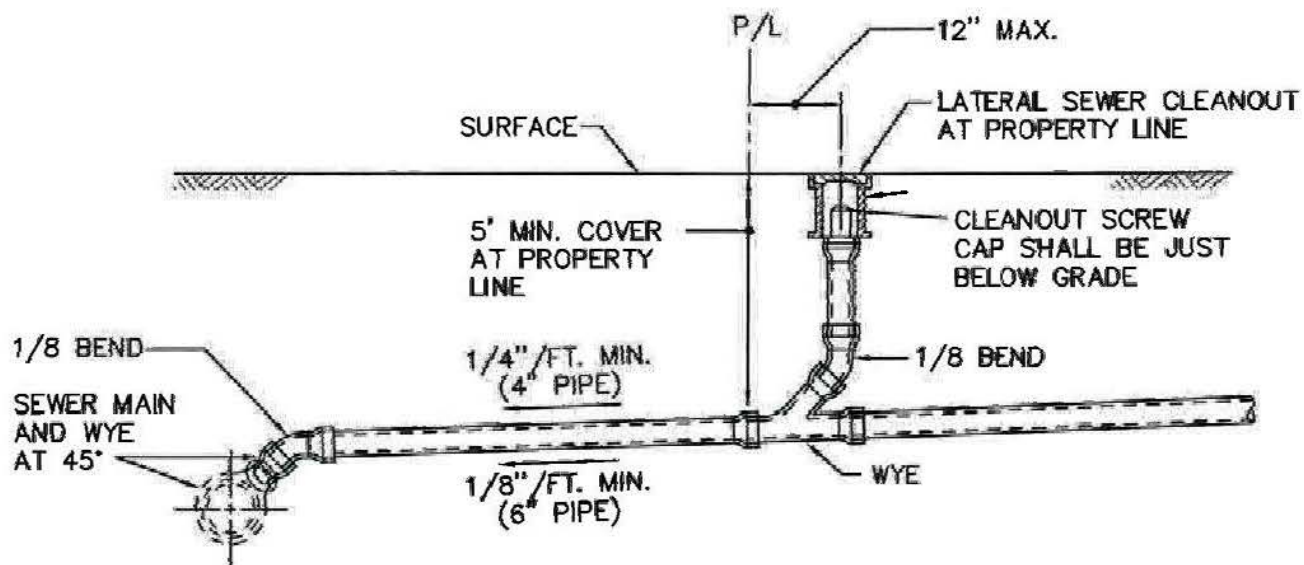
NOTE: TAPPING OR SADDLE TYPE MAY BE CONSIDERED FOR APPROVAL.



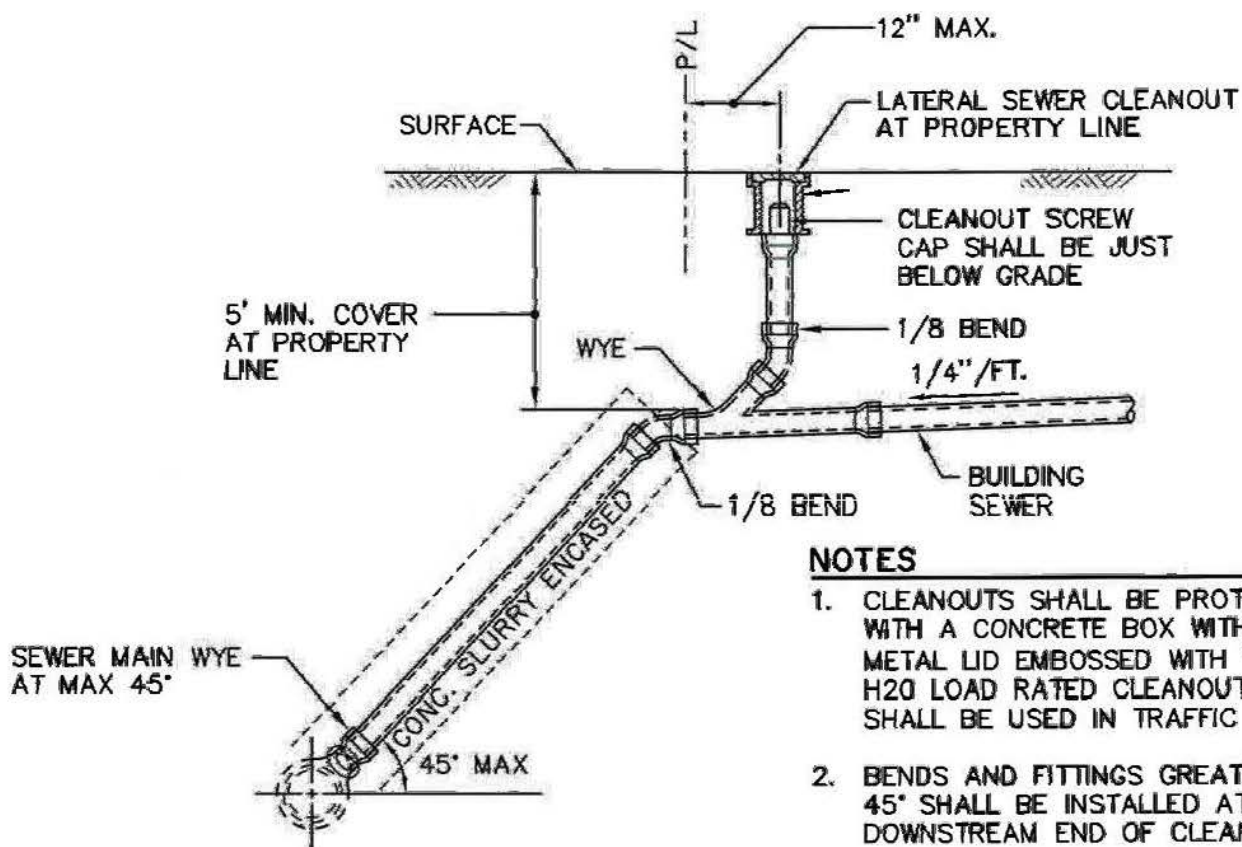
LAGUNA
COUNTY
SANITATION
DISTRICT

WYE
INSTALLATION IN
EXISTING SEWER

STANDARD
DRAWING
NO. 3



4" & 6" LATERALS AT TYPICAL DEPTH



NOTES

1. CLEANOUTS SHALL BE PROTECTED WITH A CONCRETE BOX WITH A METAL LID EMBOSSED WITH "SEWER". H20 LOAD RATED CLEANOUT BOXES SHALL BE USED IN TRAFFIC AREAS.
2. BENDS AND FITTINGS GREATER THAN 45° SHALL BE INSTALLED AT THE DOWNSTREAM END OF CLEANOUTS.
3. LATERALS SHALL BE INSTALLED PERPENDICULAR TO SEWER MAIN AND CONTINUE STRAIGHT TO THE PROPERTY OR EASEMENT LINE.

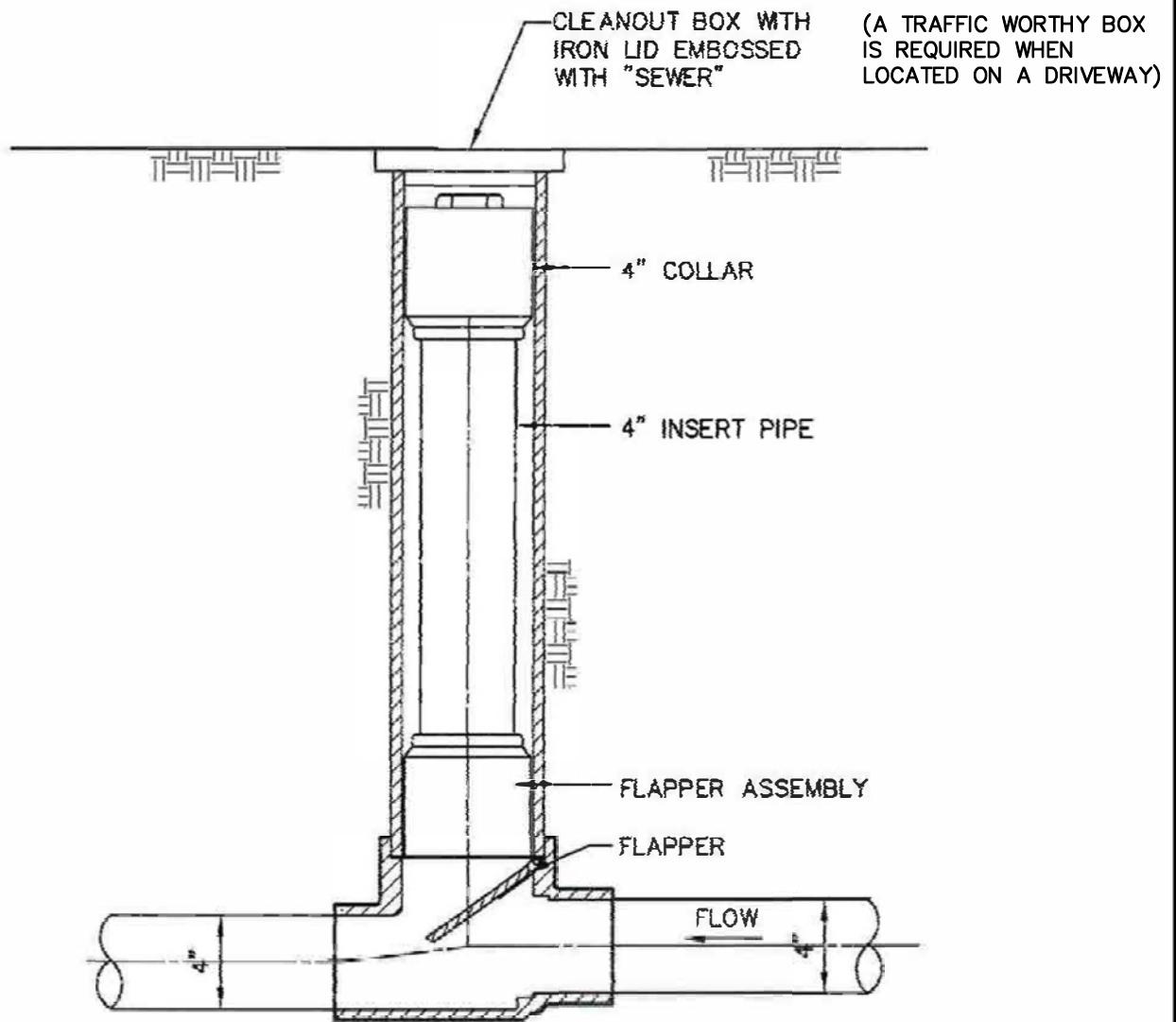
4" & 6" DEEP LATERALS



LAGUNA
COUNTY
SANITATION
DISTRICT

LATERAL SEWER

STANDARD
DRAWING
NO. 4



TYPICAL SECTION

COUNTY CODE SECTION 29-27.1.C, INSTALLATION OF BACKFLOW PREVENTION DEVICE,
RESPONSIBILITY FOR OPERATION AND MAINTENANCE

(ORD. No. 4497 JUNE 3, 2003, & ORD. No. 4867 SEPT. 17, 2013)

1. ALL NEW SEWER SEWER LATERALS AND ALL SEWER LATERAL REPLACEMENTS SHALL BE EQUIPPED WITH A CLEANOUT RISER FITTED WITH A BACKFLOW PREVENTION DEVICE OF TYPE AND MATERIALS MEETING CALIFORNIA PLUMBING CODE REQUIREMENTS.
2. ANY SEWER LATERAL SERVING AN EXISTING BUILDING STRUCTURE HAVING PLUMBING FIXTURES WITH DRAIN OUTLETS AT AN ELEVATION BELOW THE ELEVATION OF THE RIM OF THE MANHOLE OR CLEANOUT ON THE SEWER MAIN UPSTREAM OF THE SEWER LATERAL CONNECTION, SHALL BE QUIPPED WITH A CLEANOUT RISER FITTED WITH A BACKFLOW PREVENTION DEVICE OF TYPE AND MATERIALS MEETING CALIFORNIA PLUMBING CODE REQUIREMENTS.
3. THE RESPONSIBILITY FOR THE OWNERSHIP, OPERATION, AND MAINTENANCE OF THE BACKFLOW PREVENTION DEVICE AND ITS APPURTENANT FITTINGS SHALL BE THAT OF THE PROPERTY OWNER. DAMAGE CAUSED TO THE PROPERTY FOR THE FAILURE TO COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA PLUMBING CODE OR THIS ORDINANCE SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.



LAGUNA
COUNTY
SANITATION
DISTRICT

BACKFLOW
PREVENTION
DEVICE

STANDARD
DRAWING
NO. 5

**LAGUNA COUNTY SANITATION DISTRICT**

620 West Foster Road

SANTA MARIA, CA 93455

PHONE: (805) 803-8750 PLANT: (805) 934-6282 FAX: (805) 803-8753

SEWER SERVICE APPLICATIONDate: 2/21/2025

Name of Owner/Agent: Morgan Krapes mkrapes@flowersassoc.com Telephone No: _____
 Location: 1350 Founders Ave APN: 107-150-021
 Owner of Property: Hope Community Church of Santa Maria, In Telephone No: _____
 Contractor: _____ Telephone No: _____

 Permit For: ☐ New Connection ☐ Connection Repair/Replacement ☐ Addition ☒ Other (see description below)
Description of Work: Proposed Commercial Building for Famcon Pipe and Supply, Inc.**TO BE FILLED OUT BY LAGUNA COUNTY SANITATION DISTRICT**

Check (✓) the connection type:

☐ Single Family Residence No. of Units _____ ☐ Commercial _____
☐ Apartment/Condo No. of Units _____ ☐ Industrial _____
☐ Institutional _____

The following conditions are required if checked (✓):

☐ Sampling Manhole ☐ Layout Sketch to be Submitted as Shown Below
☐ Grease Interceptor (750-gallon minimum) ☒ Backwater Valve

Facility Description:35 DFUsAlso APN 107-150-022**FEES:****AMOUNT****DATE PAID****RECEIPT**

Annexation fee:	\$0.00	_____	0
Application fee:	\$100.00	_____	0
Plan check fee:	\$0.00	_____	0
Inspection fee:	\$0.00	_____	0
Trunk line fee:	\$0.00	_____	0
Connection fee:	\$15,076.14	_____	0
Sewer service charge:	_____	_____	0
Other fees:	\$0.00	_____	0

TOTAL FEES DUE:**INSPECTION RECORD**

INSPECTION	DATE	APPROVED BY
Pipe line and wye	_____	_____
Air or water test	_____	_____
Mandrel test	_____	_____
Manhole inspection	_____	_____
Video inspection	_____	_____
Final ball and flush	_____	_____
Inspection complet	_____	_____

Accurate layout drawings of the main and lateral sewers shall be submitted to, and approved by the District prior to construction, installation and inspection of such facilities. The layout drawings shall be in accordance with the District's Standard Specifications. In-lieu of other District written correspondence, this application may serve as the District's "Can-and-Will Serve" commitment of service. This commitment is valid unless the project application with the planning agency expires. I hereby certify that I have read this Application and the information given to me is correct. I hereby agree to comply with all rules and regulations of the Laguna County Sanitation District, County/City Ordinances and laws of the State of California regulating sewers and sanitation. I hereby certify that I am a licensed contractor, the legal owner, or his/her authorized agent of the above described property.

OWNER/AGENT SIGNATURE _____

PRINT NAME _____

DATE _____



SHEET INDEX:

C-001	TITLE/NOTE SHEET (OFF-SITE)
C-101	GRADING & DRAINAGE PLAN (OFF-SITE)
C-102	DRIVEWAY PLAN & PROFILE (OFF-SITE)
C-201	UTILITY PLAN (OFF-SITE)
C-202	UTILITY PLAN (OFF-SITE)
C-301	EROSION CONTROL PLAN (OFF-SITE)
C-302	EROSION CONTROL DETAILS
C-4.1	DETAIL SHEET
C-4.2	DETAIL SHEET
C-4.3	DETAIL SHEET
C-4.4	DETAIL SHEET

SCHOOL ON-SITE IMPROVEMENTS

ALL SITE IMPROVEMENTS WITHIN THE SCHOOL PROPERTY HAS BEEN REVIEWED AND APPROVED BY THE CALIFORNIA DEPARTMENT OF STATE ARCHITECTS. ALL ON-SITE PLANS ARE PROVIDED FOR INFORMATION PURPOSES ONLY.

CALTRANS RIGHT-OF-WAY IMPROVEMENTS

ALL SITE IMPROVEMENTS WITHIN THE CALTRANS RIGHT-OF-WAY HAS BEEN REVIEWED AND APPROVED BY THE CALTRANS. ALL WORK WITHIN THE CALTRANS RIGHT-OF-WAY WILL REQUIRE AN ENCROACHMENT PERMIT FROM CALTRANS.

BUILDING & SAFETY DIVISION GRADING NOTES

1. ALL GRADING SHALL CONFORM WITH STANDARD SANTA BARBARA COUNTY CODE CHAPTER 14 GRADING ORDINANCE #4477 AND STANDARDS AND REQUIREMENTS PERTAINING TO EROSION CONTROL CONSTRUCTION.
2. CONTRACTOR TO NOTIFY THE COUNTY GRADING INSPECTOR AND SOILS LABORATORY AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF THE CONSTRUCTION MEETING.
3. CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO ADJACENT PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A PUBLIC NUISANCE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED BY DUST FROM HIS GRADING OPERATION.
5. THE CONTRACTOR SHALL OBTAIN PERMITS FOR EXPORTING OR IMPORTING OF MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE PUBLIC WORKS ROAD DIVISION FOR HAIL ROUTES USED AND METHODS PROVIDED TO MINIMIZE THE DEPOSIT OF SOILS ON COUNTY ROADS. GRADING/ROAD INSPECTORS SHALL MONITOR THIS REQUIREMENT WITHIN 24 HOURS.
6. THE GEOTECHNICAL ENGINEER SHALL PROVIDE OBSERVATION AND TESTING DURING GRADING OPERATIONS IN THE FIELD AND SHALL SUBMIT A FINAL REPORT STATING THAT THE GRADING WORK WAS PROTECTED FROM THE SUBSTANTIAL FLOODING WITHIN THE REQUIREMENTS OF THE GRADING ORDINANCE.
7. AREAS TO BE GRADED SHALL BE CLEARED OF ALL VEGETATION INCLUDING ROOTS AND OTHER UNSUITABLE MATERIAL FOR A STRUCTURAL FILL. THEN SCARIFIED TO A DEPTH OF 6" AND RESEED WITH GRASS SEED.
8. A THOROUGH SEARCH SHALL BE MADE FOR ALL ABANDONED MAN-MADE FACILITIES SUCH AS SEPTIC TANK SYSTEMS, FUEL OR WATER STORAGE TANKS, AND PIPELINES OR OTHER SUCH FACILITIES. IF ANY SUCH FACILITIES ARE FOUND, THE CONTRACTOR SHALL DEPRESS PROPERLY FILLED AND COMPACTED UNDER OBSERVATION OF THE GEOTECHNICAL ENGINEER.
9. AREAS WITH EXISTING SLOPES ARE TO RECEIVE FILLSIDEAL. SHALL BE KEPT TO THE ORIGINAL GRADING. THE DESIGN AND INSTALLATION OF THE KEYWAY SHALL BE PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATION OR PER COUNTY STANDARD DETAIL NO. G-13.
10. THE FILLSIDEAL SHALL BE SPREAD IN LIFTS NOT EXCEEDING 6" IN COMPACTED THICKNESS. MOISTENED OR DRIED AS NECESSARY TO MEET OPTIMUM MOISTURE CONTENT AND COMPACTED BY AN APPROVED METHOD. FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY AS DETERMINED BY 1987 ASTM D - 1567 - 91 MODIFIED PROCTOR TEST (OR SMALLER SIZE APPROVED METHOD) FOR SOME MATERIALS MAY REQUIRE COMPACTION TO A GREATER DENSITY IF CALLED FOR IN THE CONSTRUCTION DOCUMENTS. SOIL TESTS SHALL BE CONDUCTED AT NOT LESS THAN ONE TEST FOR EACH 1000 SQ. YD. OF FILL.
11. CUT SLOPES SHALL NOT EXCEED A GRADE OF 1:1 HORIZONTAL TO 1 VERTICAL. FILL AND COMBINATION FILL AND CUT SLOPES SHALL NOT EXCEED 2 HORIZONTAL TO 1 VERTICAL. SLOPES OVER 3 FEET IN VERTICAL HEIGHT SHALL BE PLANTED WITH APPROVED GRASS. EROSION CONTROL MEASURES SHALL BE INSTALLED WITHIN 24 HOURS OF EROSION CONTROL MEASURES PRIOR TO FINAL INSPECTION.
12. SURFACE DRAINAGE SHALL BE PROVIDED AT A MINIMUM OF 5% FOR 10 FEET AROUND THE PERIMETER OF THE EROSION CONTROL MEASURES.
13. ALL TREES THAT ARE TO REMAIN ON SITE SHALL BE TEMPORARILY FENCED AND PROTECTED AROUND THE DRIP LINE DURING GRADING OPERATION.
14. AN EROSION AND SEDIMENT CONTROL PLAN SHALL BE REQUIRED AS PART OF THE GRADING PERMIT.
15. THE OWNER SHALL REGISTER THE NEW PRIVATE UTILITY LINES INTO THE UNDERGROUND SERVICE ALERT SYSTEM.
16. THE OWNER SHALL MAINTAIN THE EROSION CONTROL PERMITS IN PERPETUITY AT CASH BOND.

EARTHWORK ESTIMATES

EXCAVATION: 3,470 CUBIC YARDS
IMPORT: 0 CUBIC YARDS
EXPORT: 3,445 CUBIC YARDS (WILL BE USED AS FILL ON SCHOOL SITE)
FILL: 25 CUBIC YARDS

LEGEND:

PROPOSED		EXISTING	
— 340 —	INDEX CONTOUR	— 340 —	INDEX CONTOUR
— 342 —	INTERMEDIATE CONTOUR	— 342 —	INTERMEDIATE CONTOUR
— SD —	STORM DRAIN	— SD —	STORM DRAIN
— W —	WATER LINE	— W —	WATER LINE
— SS —	SANITARY SEWER	— S —	SEWER LINE
— E —	ELECTRICAL CONDUIT	— E —	ELECTRICAL CONDUIT
— TEL —	COMMUNICATION CONDUIT	— TEL —	FIBER OPTICAL CONDUIT
— JT —	JOINT TRENCH	— JT —	JOINT TRENCH
— G —	GAS LINE	— G —	GAS LINE
347.20	ELEVATION	(347.20)	ELEVATION
2% ➡	SLOPE & DIRECTION OF FLOW	(2%) ➡	SLOPE & DIRECTION OF FLOW
— — — — —	GRADED SWALE	— ○ — ○ — ○ —	FENCE
— — — — —	PROPERTY LINE		
— — — — —	SAWCUT		

ABBREVIATIONS:

(E)	EXISTING	L	LENGTH
EG	EXISTING GROUND	S	SLOPE
EP	EDGE OF PAVEMENT	INV	INVERT
FS	FINISH SURFACE	HDPE	HIGH DENSITY POLYETHYLENE
FG	FINISH GRADE	SDMH	STORM DRAIN MANHOLE
FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
GB	GRADE BREAK		
TG	TOP OF GRATE		
TC	TOP OF CURB		
TW	TOP OF WALL		
RIM	RIM OR TOP OF FRAME HOLDING GRATE		

**ABOVE
GRADE
ENGINEERING**

245 Higuera Street
San Luis Obispo, CA 93401
(805) 540-5115
abovegradeengineering.com

A California Corporation
Scott Stokes PE # 58256

ENGINEER OF RECORD



DATE _____

SANTA MARIA JOINT UNION HIGH SCHOOL DISTRICT
TE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA

OFF-SITE IMPROVEMENT PLANS TITLE SHEET & GENERAL NOTES

NO.	REVISION	DATE
2	ADDENDUM #2	5/4/18
3	OFF-SITE PERMITTING PLAN CHECK	5/9/18
4	OFF-SITE PERMITTING PLAN CHECK	9/26/18
5	OFF-SITE PERMITTING PLAN CHECK	11/20/18
6	OFF-SITE PERMITTING PLAN CHECK	1/20/19

DESIGNED: SJS
 DRAWN: DWB
 JOB NUMBER: 16187

SHEET

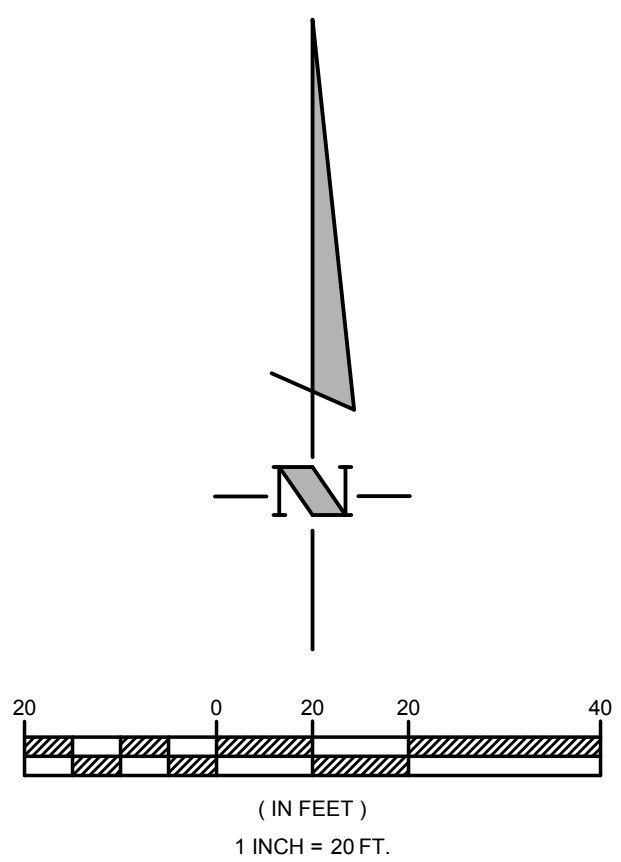
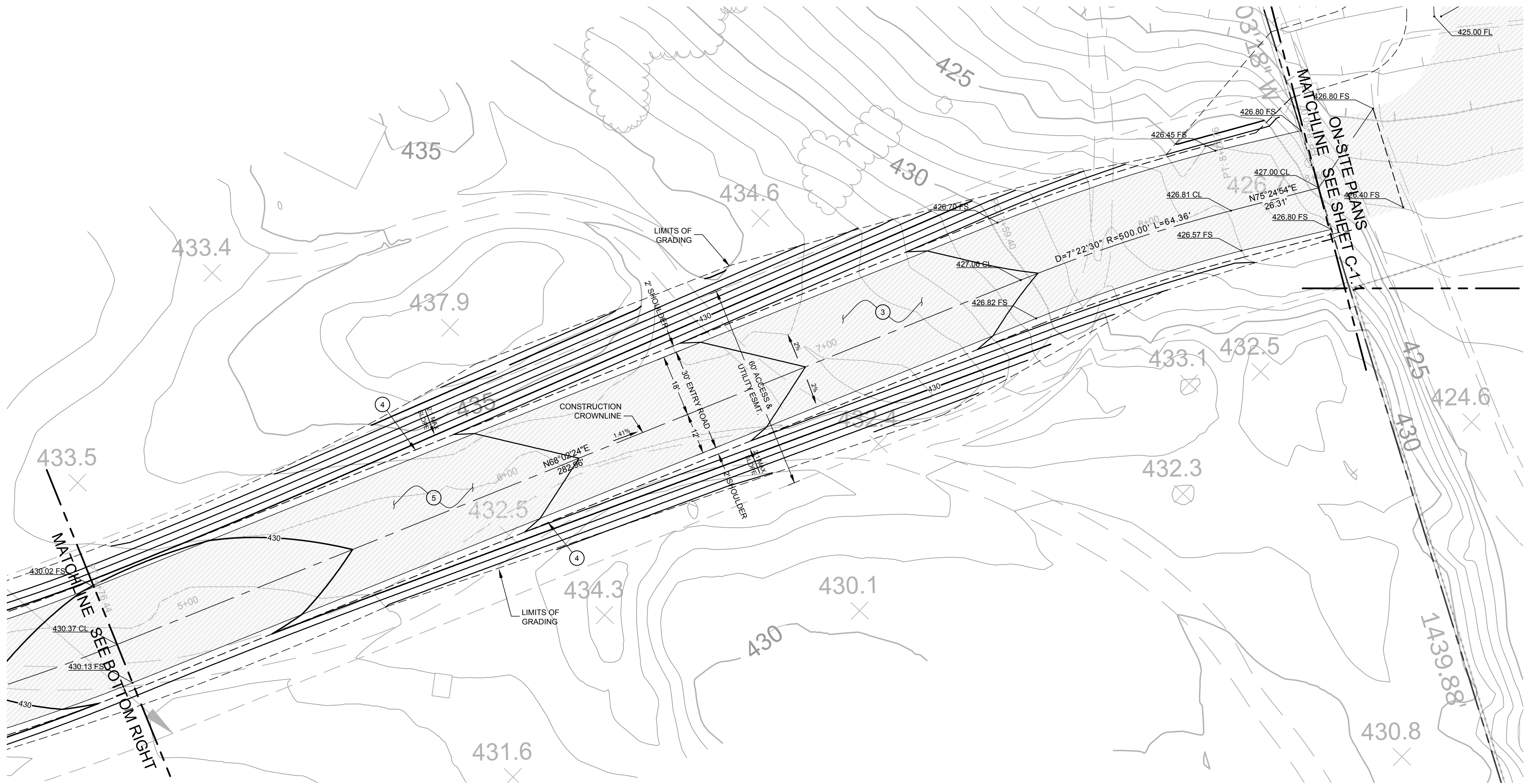
C-001

DATE: ~~November 28~~, 2017

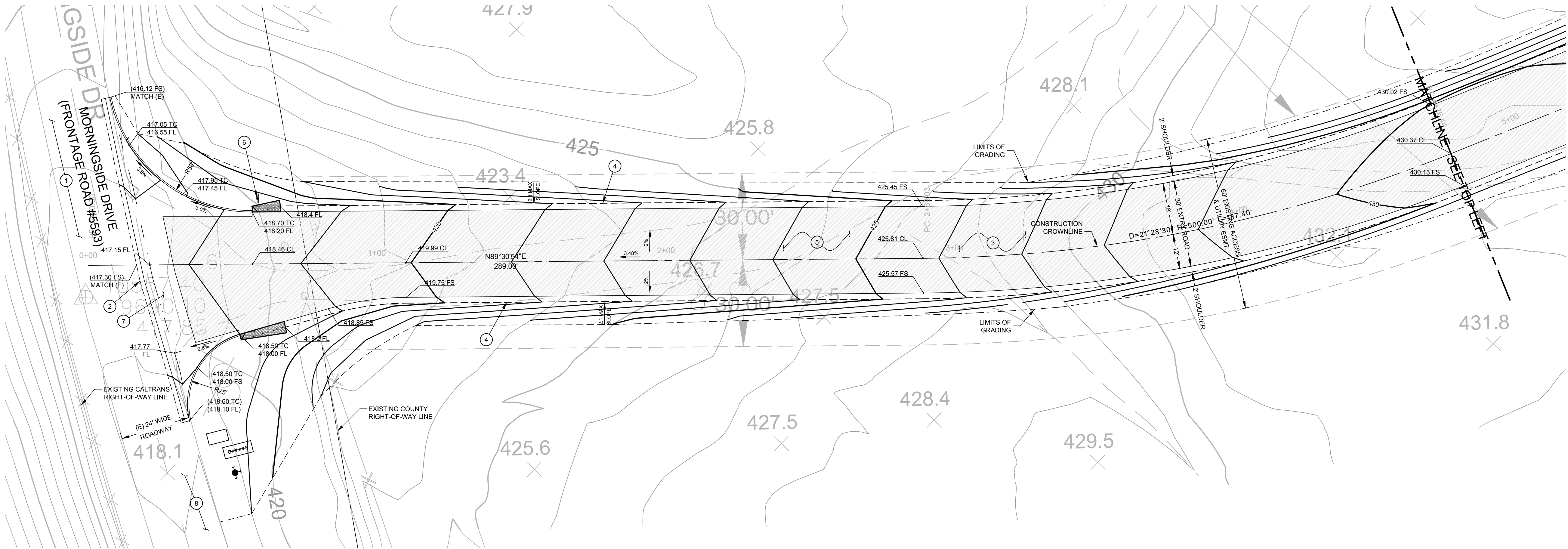
Drawing name: N:\2016\16157-SH\SHSD-CTE\Engineering\Condos\Sheed\16157-C101-CD.dwg

PLOT DATE: Feb 22, 2019 - 1:29pm

PLOT BY: AGE04



- # SPECIFIC CONSTRUCTION NOTES: DETAIL/SHEET
- EXISTING SITE FEATURES TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
 - MATCH EXISTING ROADWAY GRADE. CONTRACTOR TO VERIFY MATCH LOCATION AND ELEVATION PRIOR TO CONSTRUCTION TO ENSURE THEY ARE CONSISTENT WITH PLAN AND THAT SLOPES MEET AGENCY REQUIREMENTS. CONTACT ENGINEER IF CONFLICTS ARE DISCOVERED.
 - INSTALL ASPHALT CONCRETE (AC) PAVING PER DETAIL. 2 / C4.1
 - INSTALL ROADSIDE GRADE SWALE PER DETAIL. PROVIDE 72 CF OF BACKING #2 ROCK PRIOR TO CURB RETURN. 5 / C4.1
 - CONSTRUCT 30' WIDE 'PRIVATE' DRIVEWAY PER SANTA BARBARA STANDARD 6-020. 3 / C4.2
 - CONSTRUCT STREET NAME & STOP SIGN PER SANTA BARBARA STANDARDS 7-030 & 7-060. 6 / C4.2
 - CONSTRUCT SPANDREL & CROSS-GUTTER PER SANTA BARBARA STANDARD 4-020. 8 / C4.2
 - PROVIDE SLURRY SEAL OVER ENTIRE WIDTH OF ROADWAY AFTER ALL UTILITY TRENCHING WORK HAS BEEN COMPLETED.



ABOVE GRADE ENGINEERING
245 Higuera Street
San Luis Obispo, CA 93401
(805) 540-5115
abovegradeengineering.com
A California Corporation
Scott Stearns PE # 58256

ENGINEER OF RECORD:



DATE:

SANA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA

OFF-SITE IMPROVEMENT PLANS
GRADING & DRAINAGE PLAN

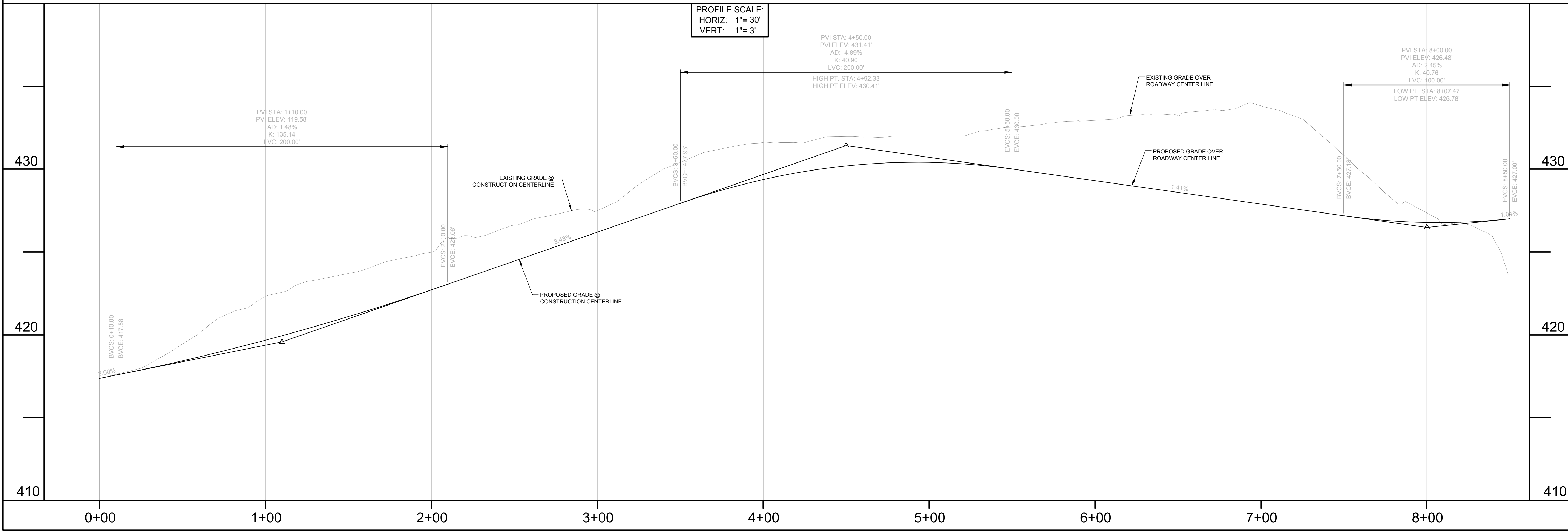
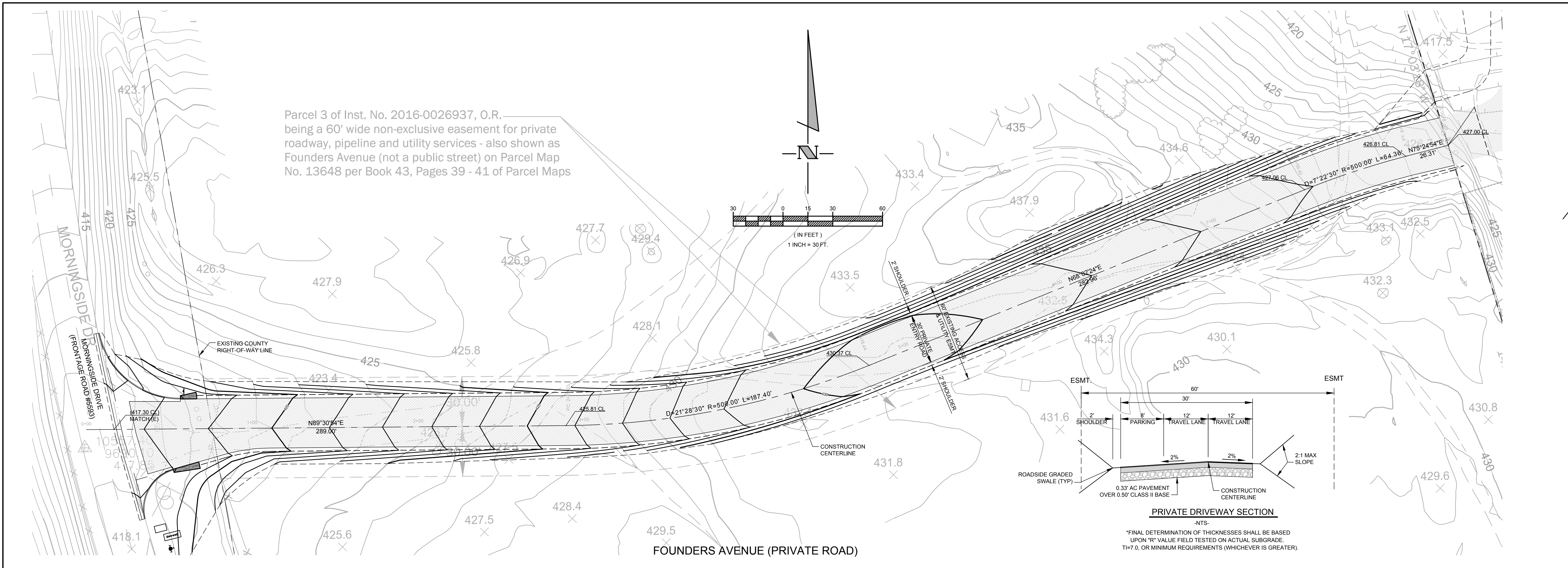
NO.	REVISION	DATE
2	ADDENDUM #2	5/4/18
3	OFF-SITE PERMITTING PLAN CHECK	5/9/18
4	OFF-SITE PERMITTING PLAN CHECK	9/26/18
5	OFF-SITE PERMITTING PLAN CHECK	11/20/18
6	OFF-SITE PERMITTING PLAN CHECK	1/20/19

DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157

SHEET:
C-101
DATE: November 28, 2017

14-14

PLOT BY: AGE04 PLOT DATE: Feb 22, 2019 - 12:39pm Drawing name: N:\2016\16157-SMHSD-CTE\Engineering\Condos\Sheed\files\County\16157-C-101-CD.dwg



ABOVE
GRADE
ENGINEERING

245 Higuera Street
San Luis Obispo, CA 93401
(805) 540-5115
abovegradeengineering.com
A California Corporation
Scott Stearns PE # 58256

ENGINEER OF RECORD:

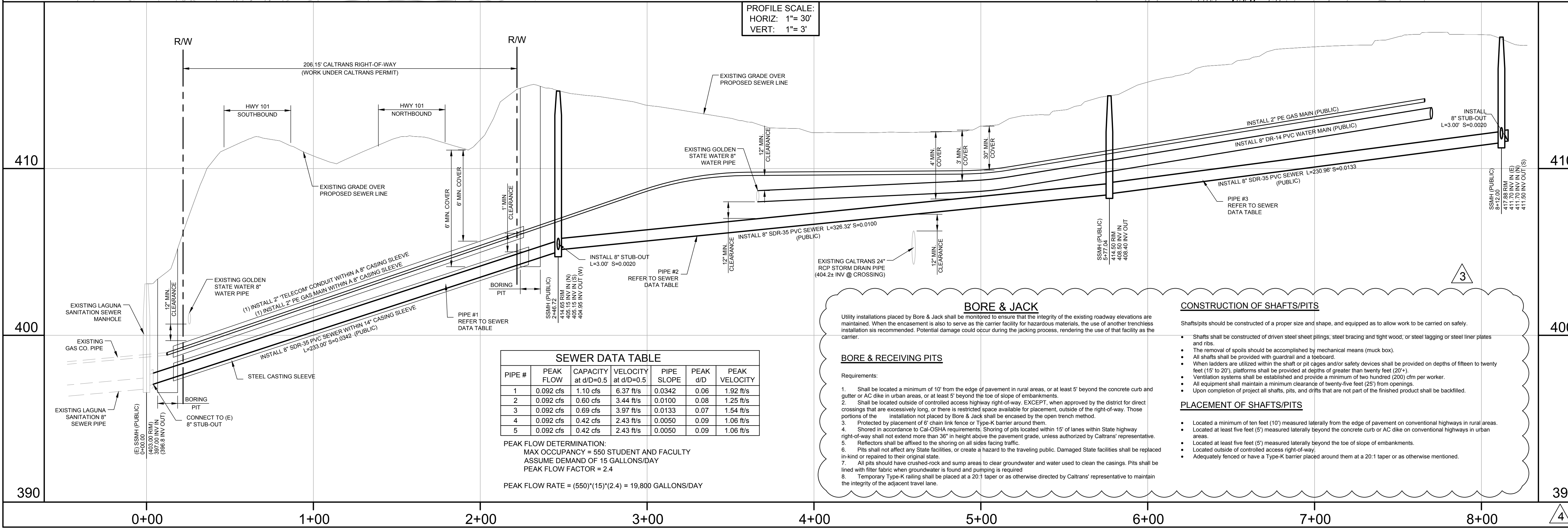
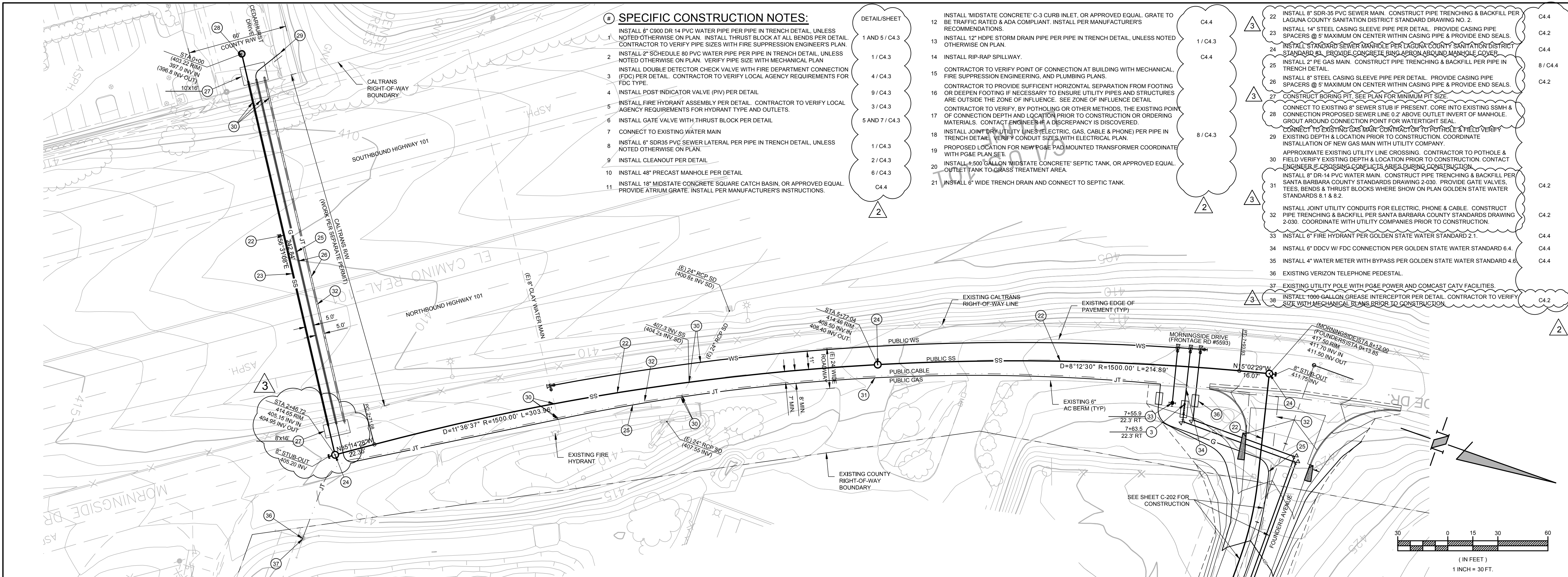
DATE: _____

SANA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA
OFF-SITE IMPROVEMENT PLANS
OFF-SITE DRIVEWAY PLAN & PROFILE

NO.	REVISION	DATE
2	ADDENDUM #2	5/4/18
3	OFF-SITE PERMITTING PLAN CHECK	5/9/18
4	OFF-SITE PERMITTING PLAN CHECK	9/26/18
5	OFF-SITE PERMITTING PLAN CHECK	11/20/18
6	OFF-SITE PERMITTING PLAN CHECK	1/20/19

DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157
SHEET:
C-102
DATE: November 28, 2017

Drawing name: N:201616157-SMHSD-CTE(Engineering)Condorc(Sheetfiles-County\16157-C201-UT.dwg
PLOT DATE: Mar 25, 2019 - 12:03pm
PLOT BY: AGE04



SEWER DATA TABLE						
PIPE #	PEAK FLOW	CAPACITY at d/D=0.5	VELOCITY at d/D=0.5	PIPE SLOPE	PEAK g/d	PEAK VELOCITY
1	0.092 cfs	1.10 cfs	6.37 ft/s	0.0342	0.06	1.92 ft/s
2	0.092 cfs	0.60 cfs	3.44 ft/s	0.0100	0.08	1.25 ft/s
3	0.092 cfs	0.69 cfs	3.97 ft/s	0.0133	0.07	1.54 ft/s
4	0.092 cfs	0.42 cfs	2.43 ft/s	0.0050	0.09	1.06 ft/s
5	0.092 cfs	0.42 cfs	2.43 ft/s	0.0050	0.09	1.06 ft/s

PEAK FLOW DETERMINATION:
MAX OCCUPANCY = 550 STUDENT AND FACULTY
ASSUME DEMAND OF 15 GALLONS/DAY
PEAK FLOW FACTOR = 2.4

PEAK FLOW RATE = (550)*(15)*(2.4) = 19,800 GALLONS/DAY

BORE & RECEIVING PITS

Requirements:

- Shall be located a minimum of 10' from the edge of pavement in rural areas, or at least 5' beyond the concrete curb and gutter or AC dike in urban areas, or at least 5' beyond the toe of slope of embankments.
- Shall be located outside of controlled access highway right-of-way. EXCEPT, when approved by the district for direct crossings that are excessively long, or there is restricted space available for placement, outside of the right-of-way. Those portions of the installation not placed by Bore & Jack shall be encased by the open trench method.
- Protected by placement of 6' chain link fence or Type-K barrier around them.
- Shored in accordance to Cal-OSHA requirements. Shoring of pits located within 15' of lanes within State highway right-of-way shall not extend more than 36" in height above the pavement grade, unless authorized by Caltrans' representative.
- Reflectors shall be affixed to the shoring on all sides facing traffic.
- Pits shall not affect any State facilities, or create a hazard to the traveling public. Damaged State facilities shall be replaced in-kind or repaired to their original state.
- All pits should have crushed-rock and sump areas to clear groundwater and water used to clean the casings. Pits shall be lined with filter fabric when groundwater is found and pumping is required.
- Temporary Type-K railing shall be placed at a 20:1 taper or as otherwise directed by Caltrans' representative to maintain the integrity of the adjacent travel lane.

BORE & JACK

Utility installations placed by Bore & Jack shall be monitored to ensure that the integrity of the existing roadway elevations are maintained. When the encasement is also to serve as the carrier facility for hazardous materials, the use of an trenchless installation is recommended. Potential damage could occur during the jacking process, rendering the use of that facility as the carrier.

CONSTRUCTION OF SHAFTS/PITS

Shafts/pits should be constructed of a proper size and shape, and equipped as to allow work to be carried on safely.

- Shafts shall be constructed of driven steel sheet piling, steel bracing and tight wood, or steel lagging or steel liner plates and ribs.
- The removal of spoils should be accomplished by mechanical means (muck box).
- All shafts shall be provided with guardrail and a toeboard.
- When ladders are utilized within the shaft or pit cages and/or safety devices shall be provided on depths of fifteen to twenty feet (15' to 20'), platforms shall be provided at depths of greater than twenty feet (20').
- Ventilation systems shall be established and provide a minimum of two hundred (200) cfm per worker.
- All equipment shall maintain a minimum clearance of twenty-five feet (25') from openings.
- Upon completion of project all shafts, pits, and drifts that are not part of the finished product shall be backfilled.

PLACEMENT OF SHAFTS/PITS

- Located a minimum of ten feet (10') measured laterally from the edge of pavement on conventional highways in rural areas.
- Located at least five feet (5') measured laterally beyond the concrete curb or AC dike on conventional highways in urban areas.
- Located at least five feet (5') measured laterally beyond the toe of slope of embankments.
- Located outside of controlled access right-of-way.
- Adequately fenced or have a Type-K barrier placed around them at a 20:1 taper or as otherwise mentioned.

ABOVE GRADE ENGINEERING

245 Higuera Street
San Luis Obispo, CA 93401
(805) 540-5115
abovegradeengineering.com
A California Corporation
Scott Status PE # 58256

ENGINEER OF RECORD:

DATE: _____

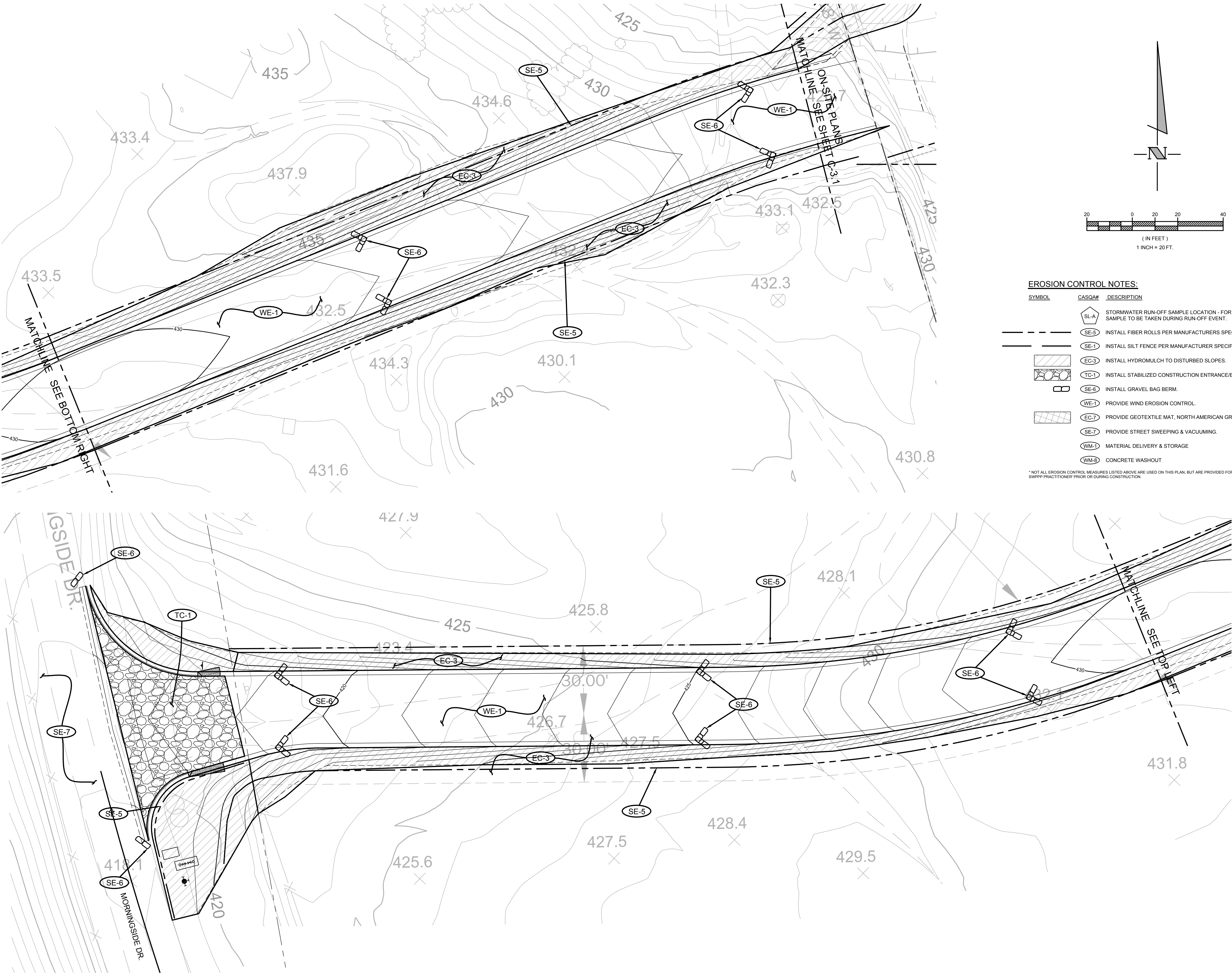
SANA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA
OFF-SITE IMPROVEMENT PLANS
UTILITY PLAN

NO.	REVISION	DATE
1	ADDITION #2	5/4/18
2	OFF-SITE PERMITTING PLAN CHECK	5/9/18
3	OFF-SITE PERMITTING PLAN CHECK	9/26/18
4	OFF-SITE PERMITTING PLAN CHECK	11/20/18
5	OFF-SITE PERMITTING PLAN CHECK	1/20/19
6		

DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157
SHEET: C-201
DATE: November 28, 2017

14-14

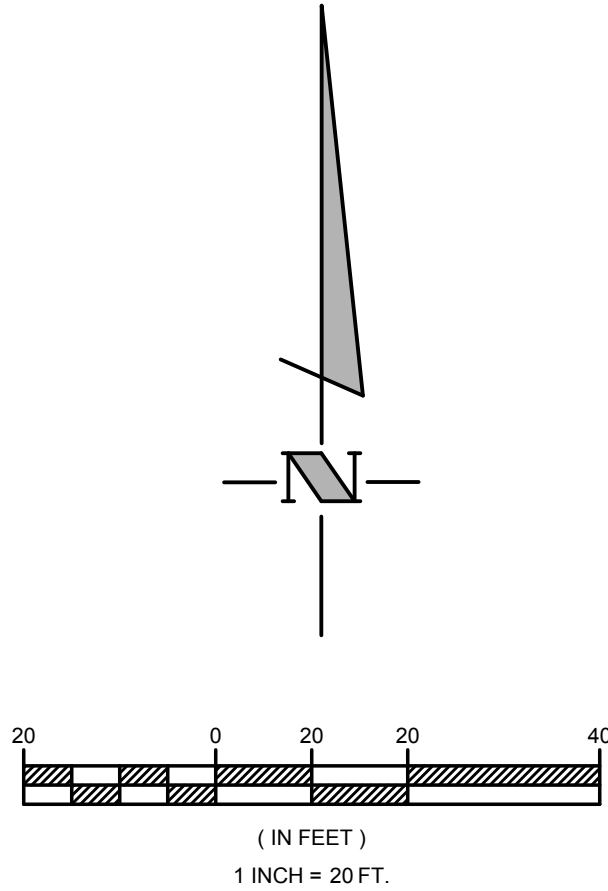
PLOT BY: AGE04 PLOT DATE: Feb 22, 2019 - 11:54am Drawing name: N:\2016\16157-SHMSD-CTE\Engineering\Condos\Sheediffs-County\16157-C301-EC.dwg



EROSION CONTROL NOTES:

SYMBOL	CASQ#	DESCRIPTION
SL-A		STORMWATER RUN-OFF SAMPLE LOCATION - FOR NON-VISIBLE POLLUTANTS, SAMPLE TO BE TAKEN DURING RUN-OFF EVENT.
SE-5		INSTALL FIBER ROLLS PER MANUFACTURERS SPECIFICATIONS.
SE-1		INSTALL SILT FENCE PER MANUFACTURER SPECIFICATIONS.
EC-3		INSTALL HYDROMULCH TO DISTURBED SLOPES.
TC-1		INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT.
SE-6		INSTALL GRAVEL BAG BERM.
WE-1		PROVIDE WIND EROSION CONTROL.
EC-7		PROVIDE GEOTEXTILE MAT, NORTH AMERICAN GREEN SC250.
SE-7		PROVIDE STREET SWEEPING & VACUUMING.
WM-1		MATERIAL DELIVERY & STORAGE
WM-8		CONCRETE WASHOUT

* NOT ALL EROSION CONTROL MEASURES LISTED ABOVE ARE USED ON THIS PLAN, BUT ARE PROVIDED FOR THE FUTURE USE BY THE QUALIFIED SWPPP PRACTITIONER PRIOR OR DURING CONSTRUCTION.



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Scott Stearns PE # 58236

ENGINEER OF RECORD:

DATE:

SANA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA

OFF-SITE IMPROVEMENT PLANS
EROSION CONTROL PLAN

NO.	REVISION	DATE
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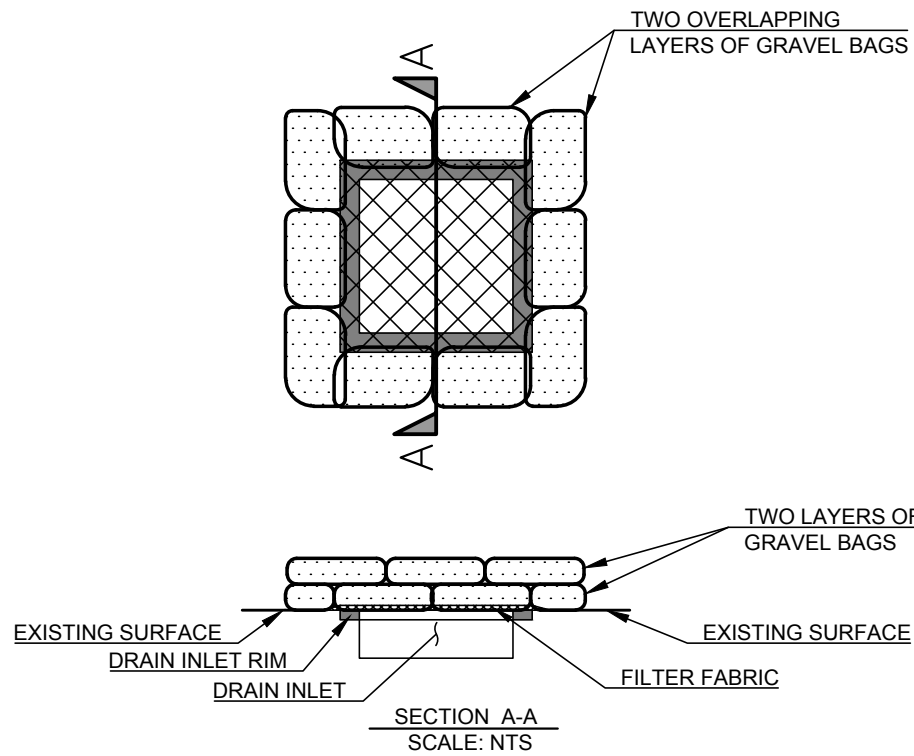
SHEET:
C-301
DATE: November 28, 2017

ADDITIONAL NOTES:

1. SEE ALSO THE LANDSCAPING PLAN (PREPARED BY OTHERS), FOR PERMANENT STABILIZATION METHODS.
2. ALL SLOPES SHALL RECEIVE HYDROMULCH WITH NATIVE SEED MIX. SEED MIX PER COUNTY SPECIFICATIONS.
3. ADDITIONAL EROSION CONTROL MEASURES MAY BE NEEDED BY THE REQUEST OF THE COUNTY INSPECTOR DURING CONSTRUCTION.
4. METAL RUMBLE STRIPS TO BE INSTALLED OVER STABILIZED CONSTRUCTION ENTRANCE LAYER OF ROCKS.

ADDITIONAL SANTA BARBARA COUNTY NOTES:

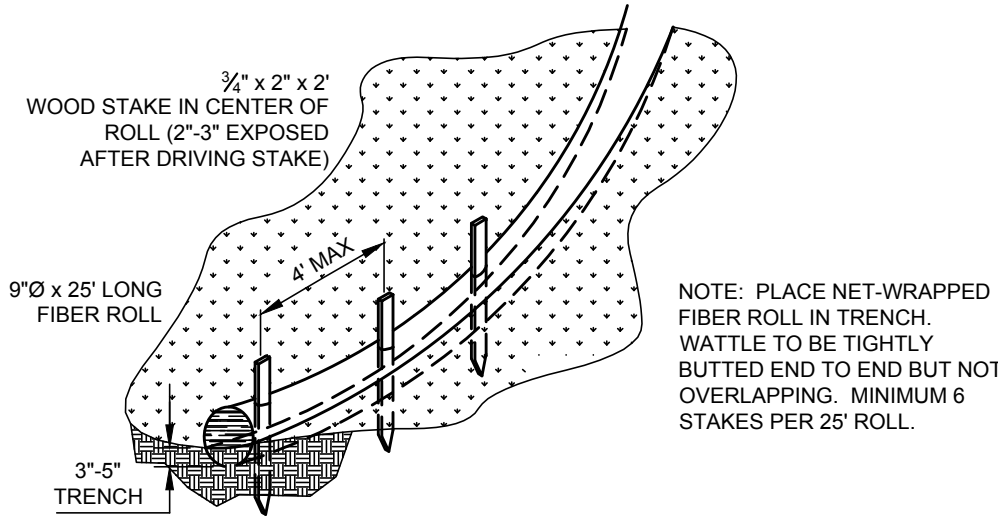
1. THE OWNER/APPLICANT SHALL RE-VEGETATE GRADED AREAS WITHIN 30 DAYS OF COMPLETION OF GRADING ACTIVITIES WITH DEEP ROOTED, NATIVE, DROUGHT_TOLERANT SPECIES TO MINIMIZE SLOPE FAILURE AND EROSION POTENTIAL. USE HYDROSEED, STRAW BLANKETS, OTHER GEOTEXTILE BINDING FABRICS OR OTHER P&D APPROVED METHODS AS NECESSARY TO HOLD SLOPE SOILS UNTIL VEGETATION IS ESTABLISHED. P&D MAY REQUIRE THE RESEEDING OF SURFACES GRADED FOR THE PLACEMENT OF STRUCTURES IF CONSTRUCTION DOES NOT COMMENCE WITHIN 30 DAYS OF GRADING.



- NOTES:
- FILTER FABRIC TO EXTEND 3" PAST THE DRAIN INLET RIM & TO BE HELD IN PLACE BY OVERLAYING GRAVEL BAGS.
 - REMOVE ACCUMULATED SEDIMENT WHEN ONE-THIRD OF THE BARRIER HEIGHT.
 - INSPECT BEFORE & AFTER STORM EVENTS.

GRAVEL BAG INLET PROTECTION

-NTS-

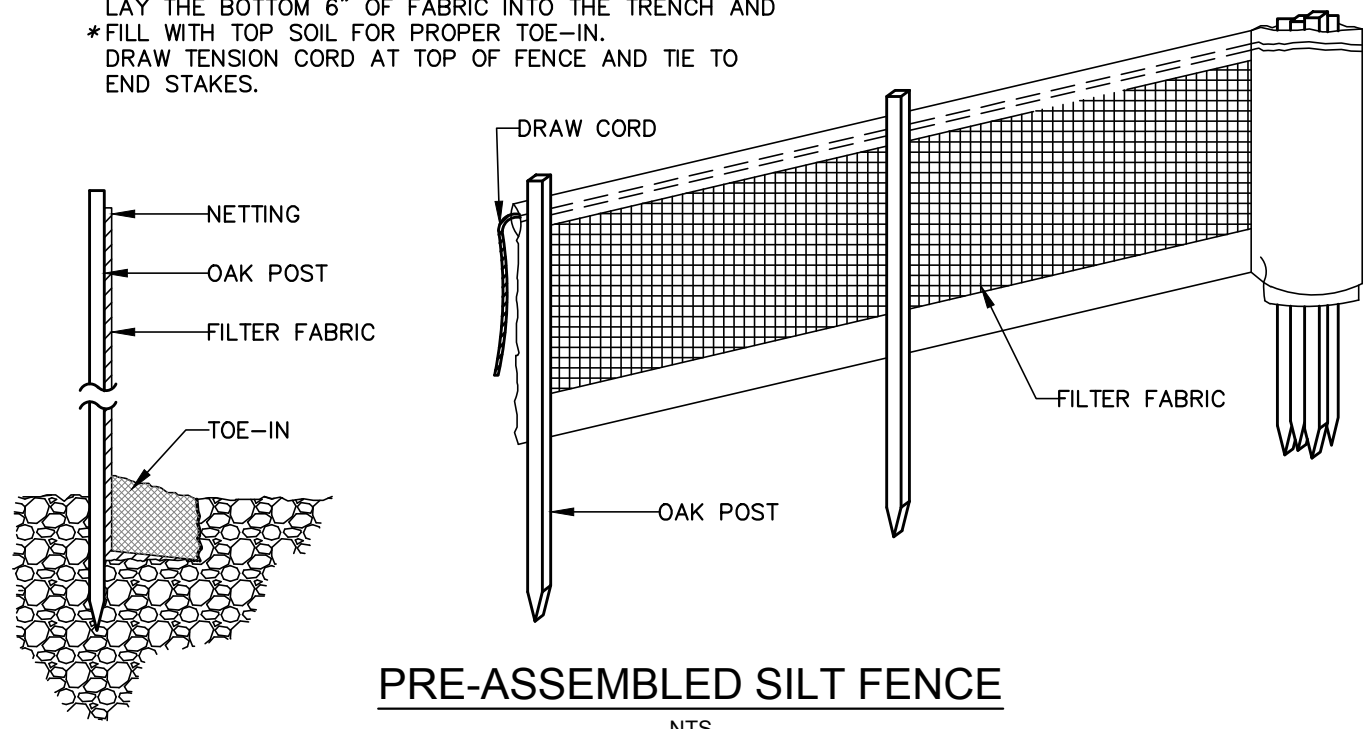


FIBER ROLLS

-NTS-

INSTALLATION PROCEDURES:

- *DIG A 6" x 6" TRENCH AT DESIRED FENCE LOCATION.
- *UNROLL SILT FENCE ALONG TRENCH.
- *DRIVE STAKES INTO THE DOWN HILL SIDE OF TRENCH WITH NETTING AND STAKES FACING THE DOWN HILL SIDE.
- *LAY THE BOTTOM 6" OF FABRIC INTO THE TRENCH AND
- *FILL WITH TOP SOIL FOR PROPER TOE-IN.
- *DRAW TENSION CORD AT TOP OF FENCE AND TIE TO END STAKES.

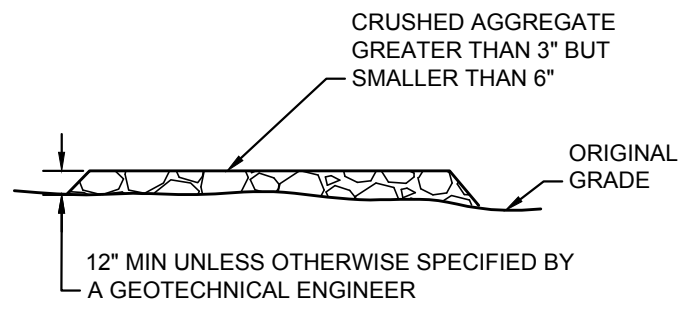


PRE-ASSEMBLED SILT FENCE

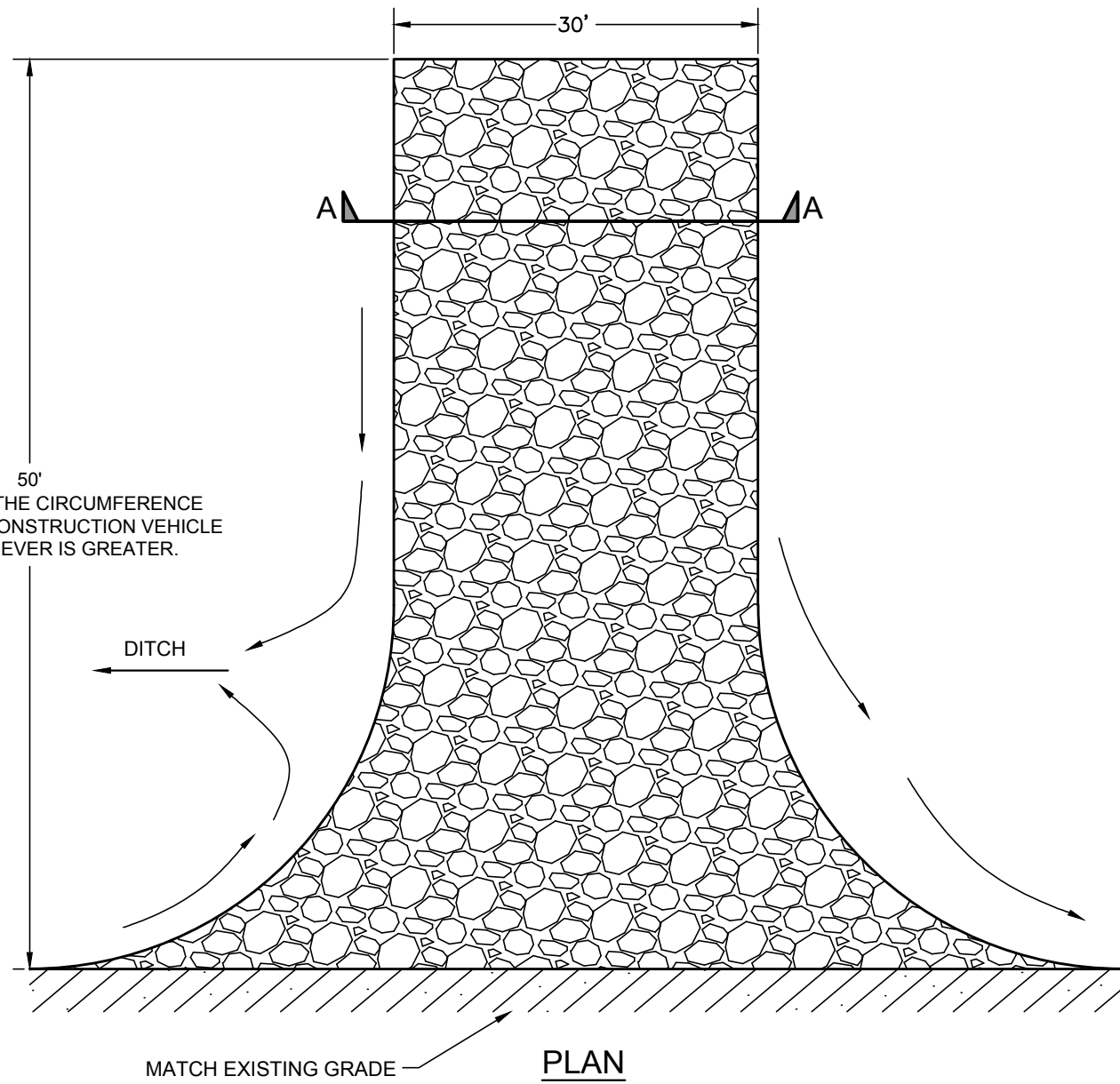
-NTS-

SWPPP PLAN NOTES:

1. THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WAS DEVELOPED AT THE REQUEST OF THE OWNER, UNDER THE JURISDICTION OF REGION 3 OF THE REGIONAL WATER QUALITY CONTROL BOARD. THIS PLAN IDENTIFIES POTENTIAL SOURCES OF POLLUTANTS OF STORM WATER, PRESENTS POLLUTION CONTROL MEASURES, AND ASSISTS IN INSURING IMPLEMENTATION AND MAINTENANCE OF THE BEST MANAGEMENT PRACTICES (BMP'S) INDICATED HEREIN.
2. THIS SWPPP DOES NOT IDENTIFY NON-STORMWATER POLLUTANTS, AS THE EXTENT OF POTENTIAL POLLUTANTS THE CONTRACTOR MAY CREATE IS UNDETERMINED AT THIS TIME. IT IS REQUIRED THAT THE CONTRACTOR READ, UNDERSTAND AND MAINTAIN A COPY OF EITHER THE CALIFORNIA STORMWATER BMP HANDBOOK OR THE FIELD MANUAL OF THE CALIFORNIA STORMWATER BMP HANDBOOK ON SITE AT ALL TIMES.
3. ALL SUBCONTRACTORS ARE REQUIRED TO BE INFORMED THAT THE JOB SITE IS SUBJECT TO THE REQUIREMENTS OF THIS SWPPP AND ADEQUATELY TRAINED IN THE REQUIREMENTS OF THE SWPPP.
4. PRIOR TO THE INITIATION OF GRADING OPERATIONS, A NOTICE OF INTENT IS TO BE FILED WITH THE STATE OF CALIFORNIA WATER RESOURCES CONTROL BOARD BY THE OWNER SO THAT THIS CONSTRUCTION PROJECT MAY BE COVERED UNDER THE STATE GENERAL PERMIT. THE PERMIT IS A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
5. THE SWPPP IS REQUIRED TO BE CERTIFIED PRIOR TO JULY 1 OF EVERY YEAR UNTIL A NOTICE OF TERMINATION HAS BEEN FILED.
6. THE REGIONAL WATER QUALITY CONTROL BOARD REQUIRES PHOTOGRAPHIC EVIDENCE IN CONJUNCTION WITH THE NOTICE OF TERMINATION ILLUSTRATING THAT THE SITE HAS BEEN PERMANENTLY SECURED FROM EROSION AND NON-STORMWATER POLLUTANTS ONCE CONSTRUCTION IS COMPLETE.
7. CHANGES IN CONSTRUCTION OR IN CONDITIONS WHICH ARE NOT COVERED BY THIS PLAN SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER. IF NECESSARY, THIS POLLUTION PREVENTION PLAN WILL BE REVISED TO REFLECT THE CHANGE IN CONSTRUCTION OR IN CONDITIONS.
8. THIS PLAN DOES NOT COVER THE REMOVAL OF HAZARDOUS OR TOXIC WASTE. IN THE EVENT OF A DISCHARGE OR RELEASE OF A REPORTABLE QUANTITY OF TOXIC WASTE, WORK SHOULD BE STOPPED UNTIL THE SPILL CAN BE ASSESSED AND A MITIGATION REPORT PREPARED BY A QUALIFIED ENVIRONMENTAL CONSULTANT, AND IF NECESSARY, REVIEWED BY THE COUNTY OF SAN LUIS OBISPO AND ANY OTHER AGENCY HAVING JURISDICTION.
9. ACCORDING TO THE CONSTRUCTION GENERAL PERMIT (CGP) ADOPTED SEPTEMBER 2, 2009, RISK DETERMINATION MUST BE MADE AS PART OF THE PROJECT PLANNING AND PRIOR TO THE SUBMITTAL OF PROJECT REGISTRATION DOCUMENTS (PRDS). THE RISK LEVEL 2 IS ANTICIPATED. RISK LEVEL CANNOT BE CONFIRMED UNTIL THE SUCCESSFUL BIDDER PROVIDES A CONSTRUCTION SCHEDULE.
10. THE OWNER HAS CONTRACTED WITH THE ENGINEER OF RECORD TO PREPARE THE SWPPP AND ACT AS THE QSD. THE QSD'S RESPONSIBILITY WILL END WHEN THE NOI IS COMPLETED AND THE WQID PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE WITH THE CGP FROM THIS POINT FORWARD.
11. THE SCHOOL DISTRICT (OWNER) WILL BE THE LRP. COMPLIANCE WITH THE CGP AND ANY FINES LEVIED BY REGIONAL BOARD FOR VIOLATION OF THE CGP WILL BE THE CONTRACTOR'S RESPONSIBILITY.
12. THE REAP WILL BE PREPARED BY A LICENSED QSP THAT WILL BE HIRED BY THE CONTRACTOR.
13. THE CONTRACTOR WILL NEED TO INCLUDE AS MANY LIKELY OR QUALIFYING RAIN EVENTS AS NECESSARY TO MEET THE CGP REQUIREMENTS. PLEASE REFER TO HISTORICAL RAINFALL DATA PROVIDED BY NOAA.
14. THE CONTRACTOR IS TO INCLUDE DOCUMENTATION, MAINTENANCE, PROTECTION AND IMPLEMENTATION OF THE REAP, THE REQUIREMENTS IN THE SWPPP AND THE REQUIREMENTS IN THE CGP AS PART OF THEIR BID.
15. THE CONTRACTOR IS IN CONTROL OF CREATING THE POTENTIAL POLLUTANTS THAT ARE IDENTIFIED IN THE CGP. AND IS IN CONTROL OF PREVENTING THE POTENTIAL POLLUTANTS BECOMING A POLLUTANT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A CLEAN HOUSE AND TO IMPLEMENT BMP'S. TO ENSURE THIS IS BEING SUCCESSFULLY IMPLEMENTED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO HIRE A QSP AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO PAY ANY FINES THAT RESULT FROM NON-COMPLIANCE.



SECTION A-A



PLAN

STABILIZED CONSTRUCTION ENTRANCE/EXIT

-NTS-

ENGINEER OF RECORD:

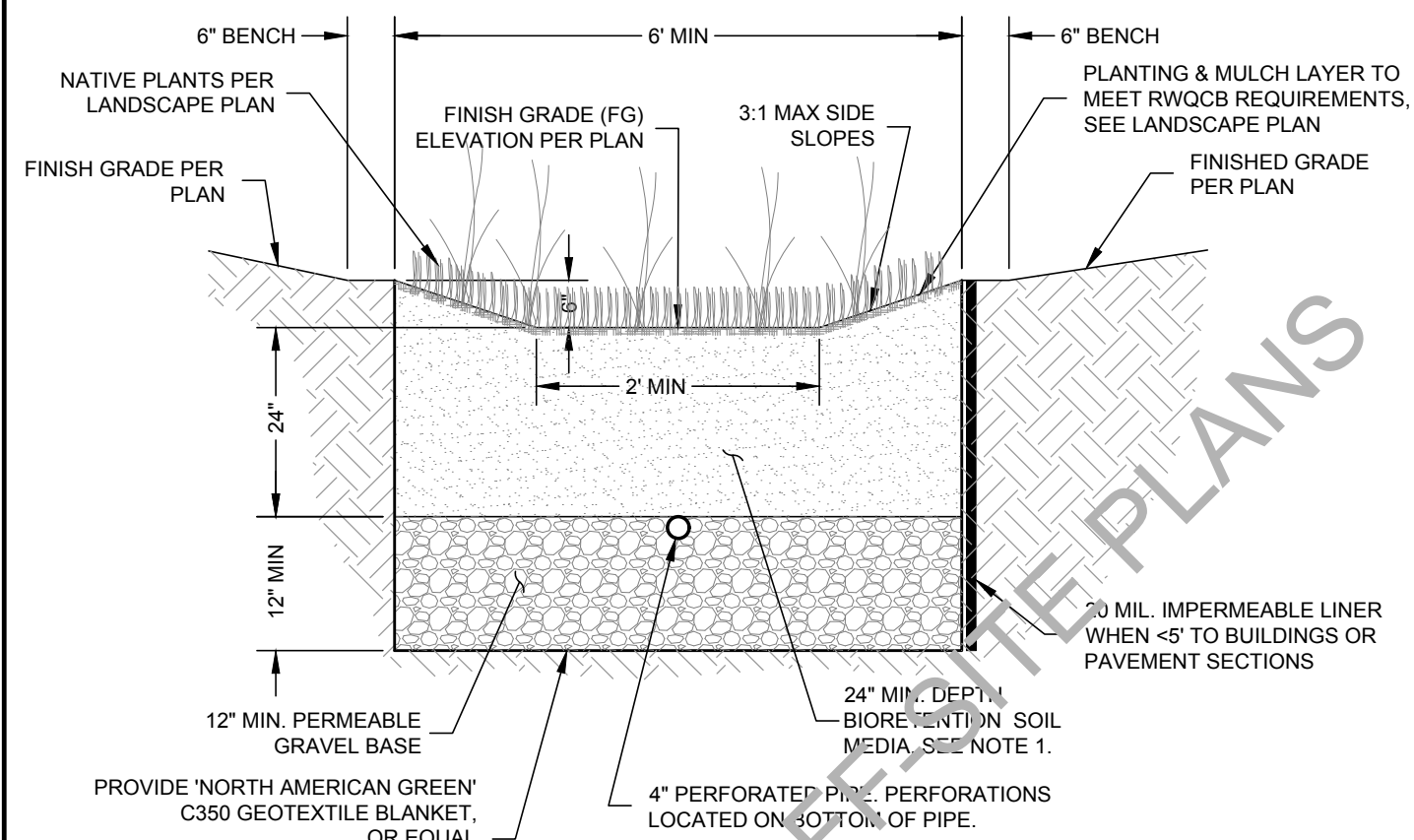


DATE:

SANA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA

OFF-SITE IMPROVEMENT PLANS
EROSION CONTROL DETAILS

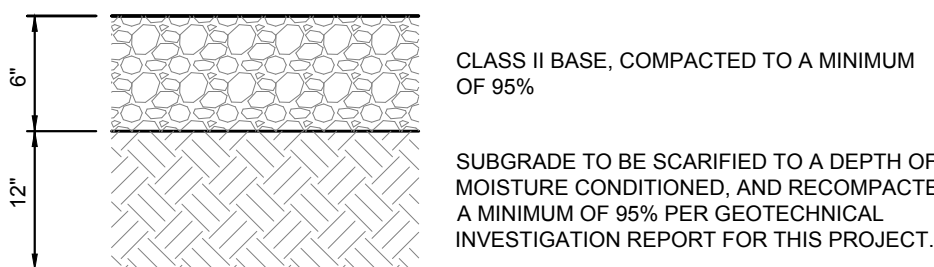
NO.	REVISION	DATE	ADDENDUM #2
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3	OFF-SITE PERMITTING PLAN CHECK	5/9/18	
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5	OFF-SITE PERMITTING PLAN CHECK	11/20/18	
6	OFF-SITE PERMITTING PLAN CHECK	1/20/19	
DESIGNED: SJS DRAWN: DWB JOB NUMBER: 16157			
SHEET: C-302 DATE: November 28, 2017			



1. BIORETENTION SOIL MEDIA & AGGREGATE FILL (NOT COMPACTED) (65% SAND, 20% SANDY LOAM & 15% HIGH QUALITY COMPOST) RESULTING IN A FINAL PRODUCT HAVING 5% ORGANIC MATTER.
2. CONTRACTOR TO CONSTRUCT RAIN GARDEN AT THE END OF ALL MAJOR GRADING AND CONSTRUCTION OPERATIONS OR PROTECT WITH FENCING TO KEEP FROM COMPACTION OF SOILS IN & AROUND AREA.

7 BIO-FILTRATION BASIN DETAIL

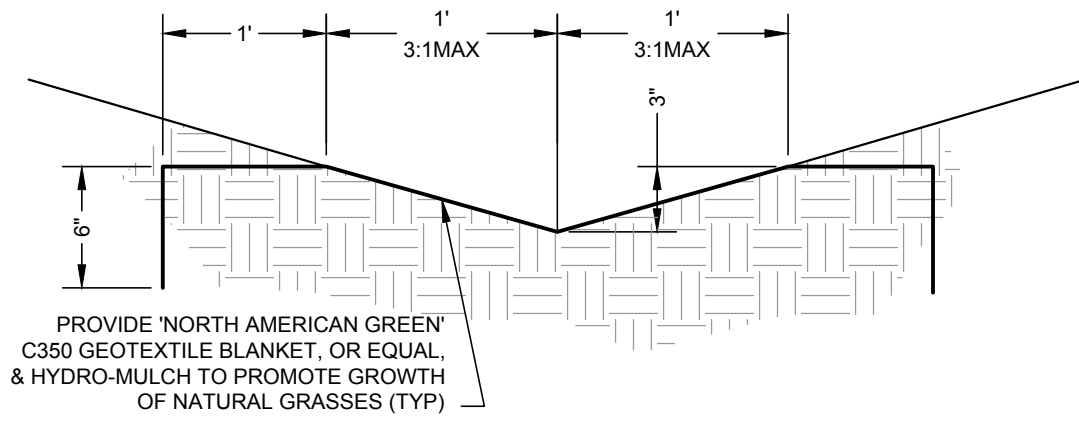
SCALE: NONE



NOTE: DECOMPOSED GRANITE DRIVEWAY REQUIRES MAINTENANCE BY OWNER FOR DRIVEABILITY AND DRAINAGE PURPOSES.

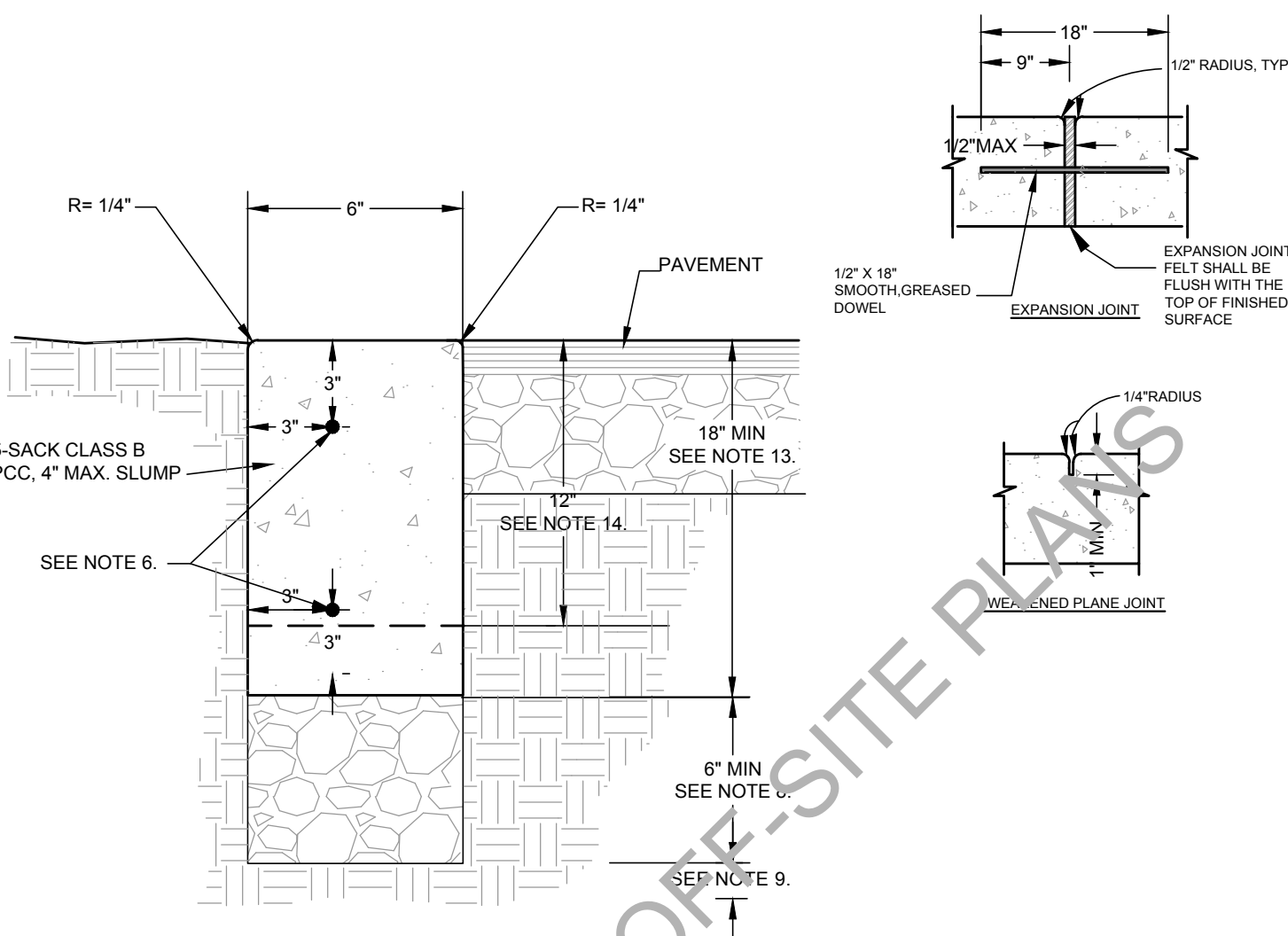
8 CLASS II AGGREGATE BASE SECTION

SCALE: NONE



5 LINED GRADED SWALE

SCALE: NONE



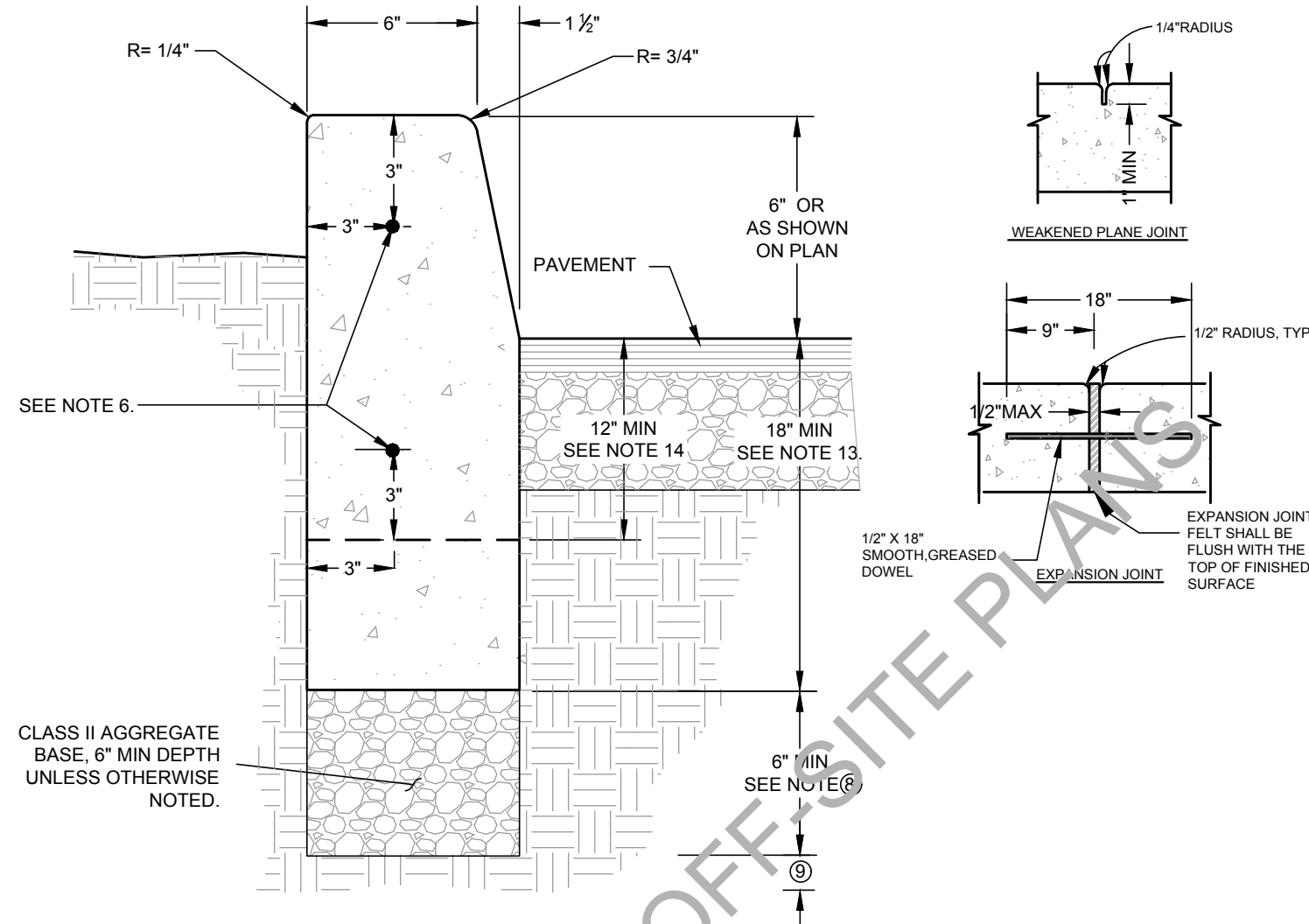
1. CONCRETE: 5 SACK P.C.C. CONCRETE, 2" MIN 4" MAX SLUMP.
2. FINISH: P.C.C. SHALL BE GIVEN A MEDIUM BROOK FINISH.
3. SEALING & CURING: A PIGMENTED SEALING AND CURING COMPOUND SHALL BE USED IN ACCORDANCE WITH THE PROVISIONS OF THE DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS.
4. EXPANSION JOINTS (EJ): SHALL BE PLACED AT CURB RETURNS, DRIVEWAYS, STORM DRAIN CATCH BASINS, AROUND UTILITY POLES, AT LONGITUDINAL CURB GUTTER AND SIDEWALK INTERVALS NOT TO EXCEED 30-FEET. THE INTERVALS BETWEEN EXPANSION JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS AS APPLICABLE.
5. WEAKENED PLANE JOINTS (WPJ): SHALL BE A MINIMUM 1-INCH IN DEPTH AND PLACED AT LONGITUDINAL CURB GUTTER AND SIDEWALK INTERVALS NOT EXCEEDING 10-FEET BETWEEN EXPANSION JOINTS. THE INTERVALS BETWEEN WEAKENED PLANE JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS AS APPLICABLE.
6. 1/2" X 18" SMOOTH GREASED DOWELS SHALL BE PLACED AT ALL EXPANSION JOINTS, TWO IN THE NEW CURB FACE, AND AT 18-INCHES ON CENTER IN NEW SIDEWALK.
7. WHEN PLACED IN SIDEWALKS, BOTH EXPANSION JOINTS AND WEAKENED PLANE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB.
8. 6" MINIMUM CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION OR MATCH BASE THICKNESS REQUIREMENT FOR NEW OR EXISTING ROAD SECTION, WHICHEVER IS GREATEST.
9. SUBGRADE TO BE SCARIFIED TO A DEPTH OF 12" MINIMUM AND RECOMPACT TO 95% RELATIVE COMPACTION.
10. SUBGRADE AND AGGREGATE BASE COMPACTION REQUIREMENTS SHALL EXTEND TO THE BACK OF CURB OR TO THE BACK OF ATTACHED SIDEWALK (WHICHEVER CONDITION IS APPLICABLE).
11. GUTTER CROSS SLOPE SHALL NOT EXCEED 5% ACROSS CURB RAMPS, 2% ACROSS ADA PATH OF TRAVEL AND ADA PARKING, OTHERWISE TYPICAL GUTTER CROSS SLOPE SHALL BE 8% UNLESS OTHERWISE NOTED.
12. UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN THE CURB & GUTTER.
13. WHEN CURB IS PLACED ADJACENT TO EXISTING OR FUTURE IRRIGATED LANDSCAPE AREA, PCC SHALL EXTEND DOWN AS SHOWN FOR MOISTURE BARRIER.
14. WHEN CURB IS NOT LOCATED AS IN NOTE 13, DEPTH MAY BE REDUCED.

6 CONCRETE FLUSH CURB

SCALE: NONE

3 CONCRETE CURB & GUTTER

SCALE: NONE



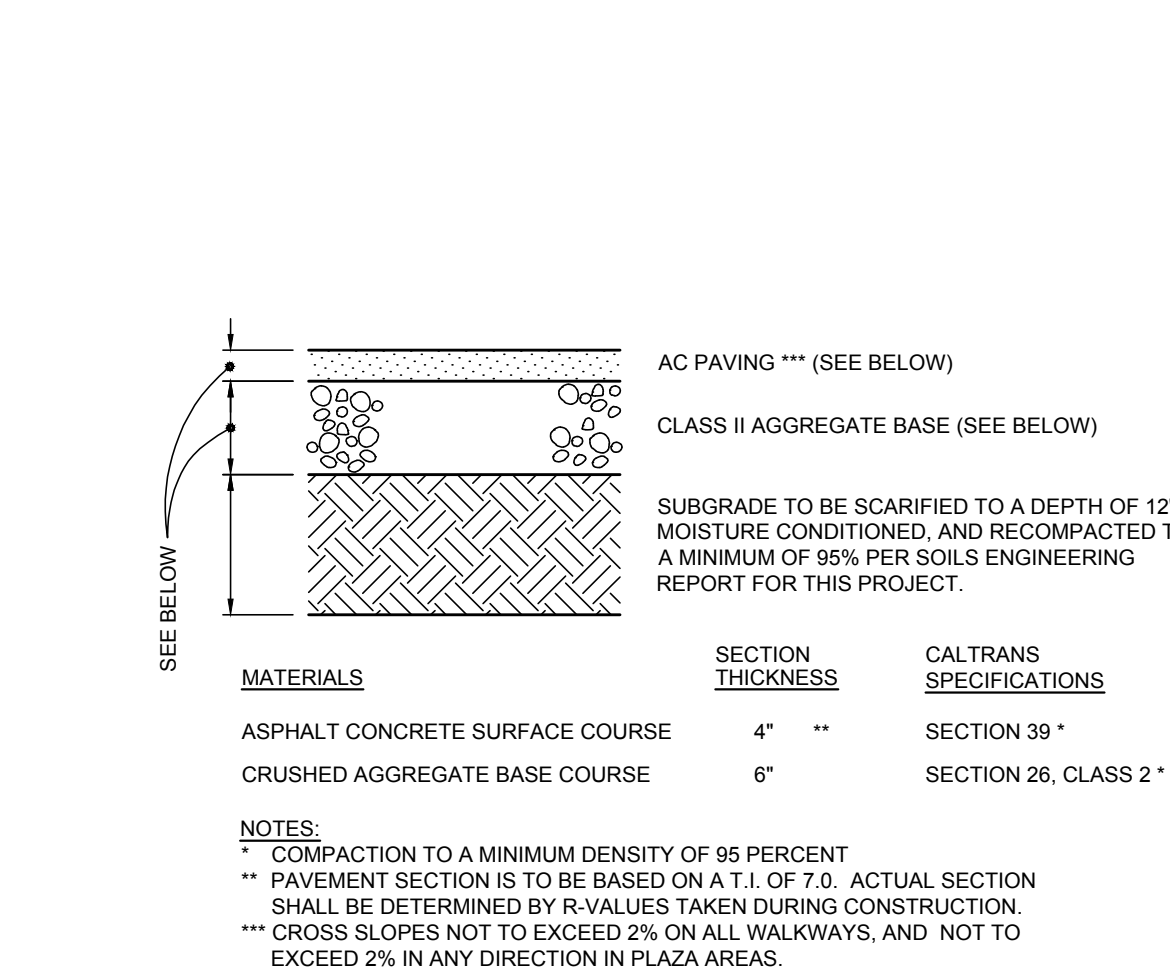
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14. WHEN CURB IS NOT LOCATED AS IN NOTE 13, DEPTH MAY BE REDUCED.

4 CONCRETE CURB DETAIL

SCALE: NONE

1 CONCRETE FLATWORK SECTION

SCALE: NONE



NOTE: ** COMPACTION TO A MINIMUM DENSITY OF 95 PERCENT
** PAVEMENT SECTION IS TO BE BASED ON A T.I. OF 7.0. ACTUAL SECTION SHALL BE DETERMINED BY R-VALUES TAKEN DURING CONSTRUCTION.
*** CROSS SLOPES NOT TO EXCEED 2% ON ALL WALKWAYS, AND NOT TO EXCEED 2% IN ANY DIRECTION IN PLAZA AREAS.

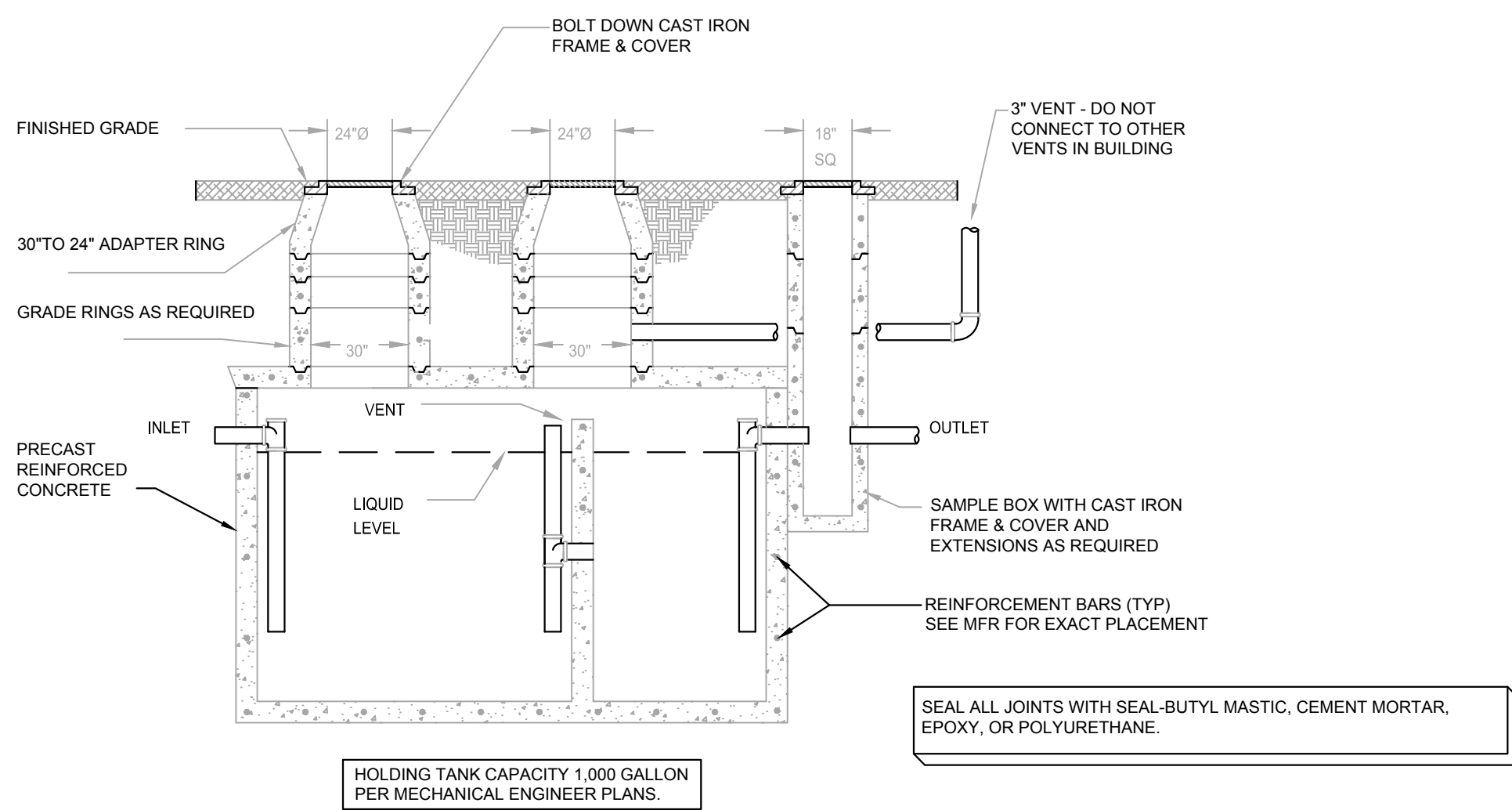
2 AC PAVEMENT SECTION

SCALE: NONE

NO.	REVISION	DATE
1	ADDITION #2	5/4/18
2	OFF-SITE PERMITTING PLAN CHECK	5/9/18
3	OFF-SITE PERMITTING PLAN CHECK	9/26/18
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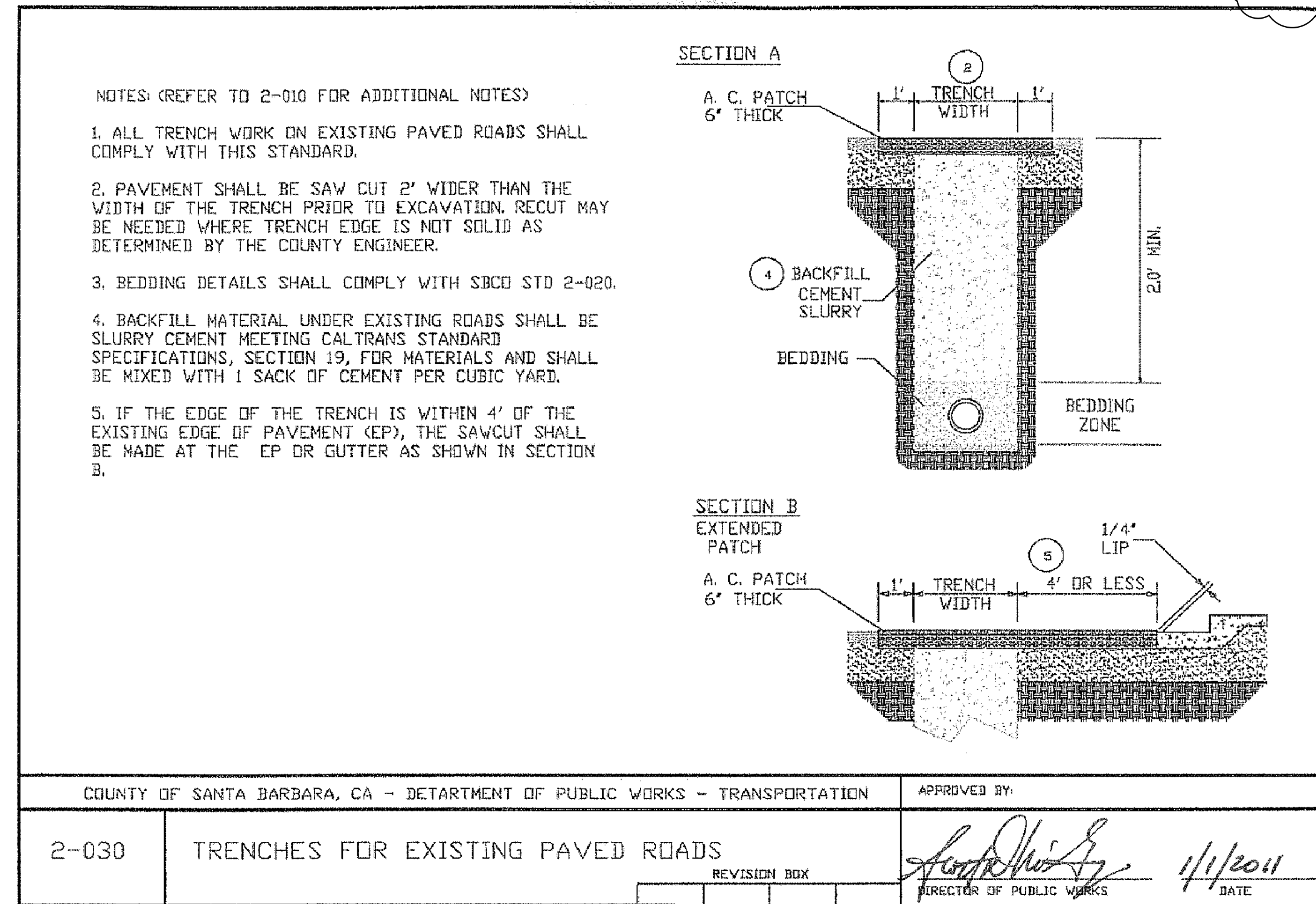
DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157

SHEET:
C-4.1
DATE: November 28, 2017



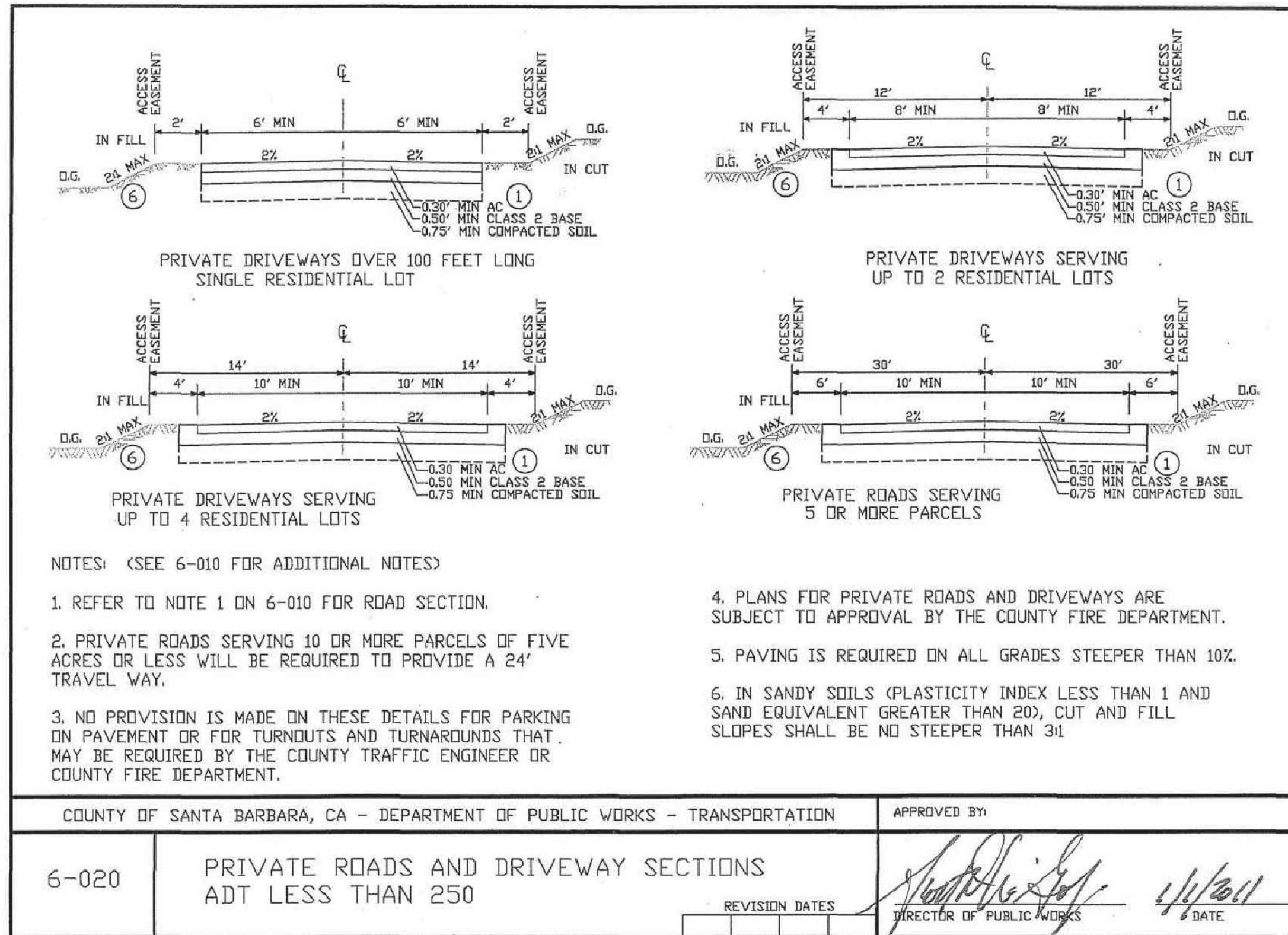
5 GREASE INTERCEPTOR

SCALE: NONE



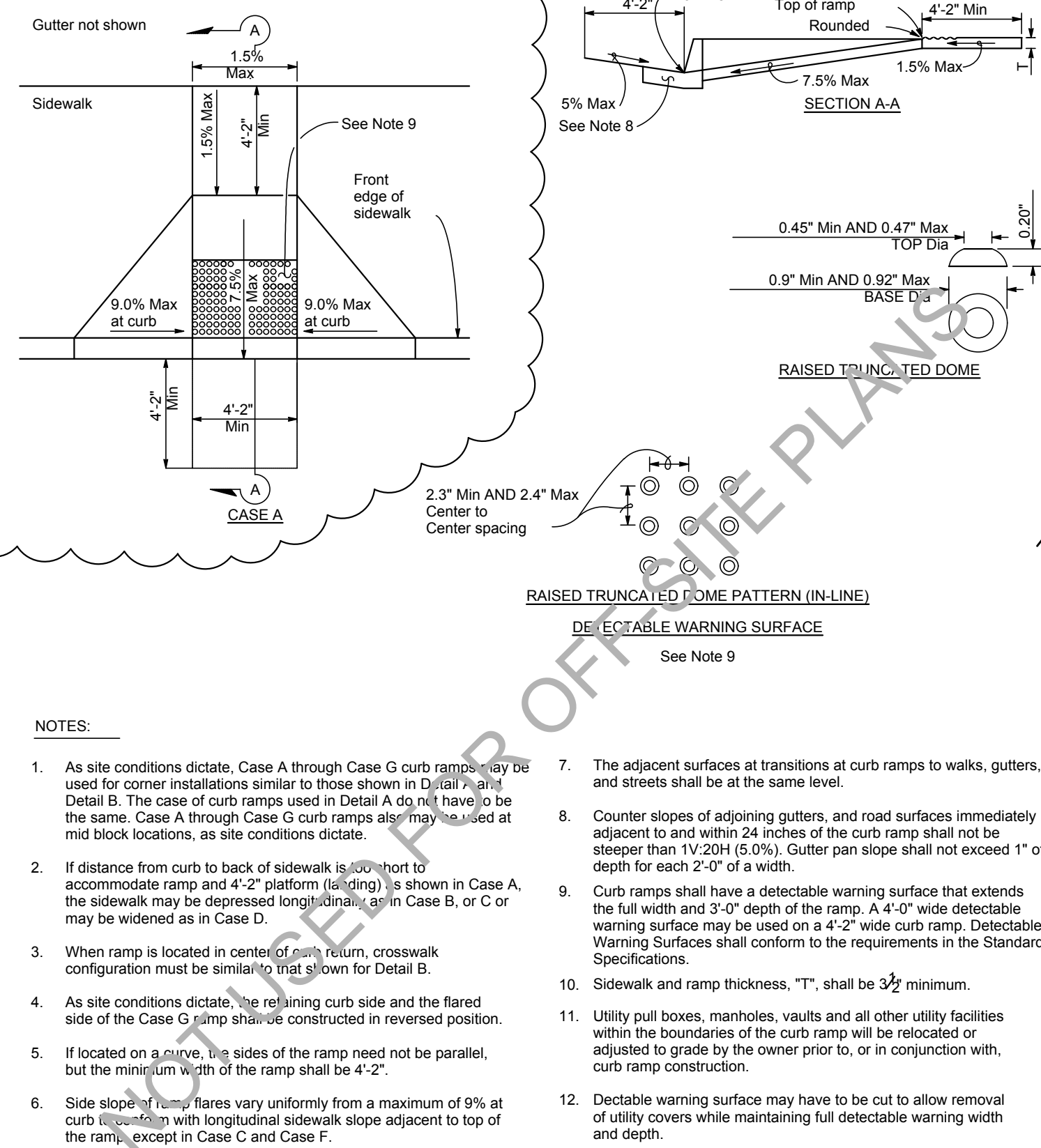
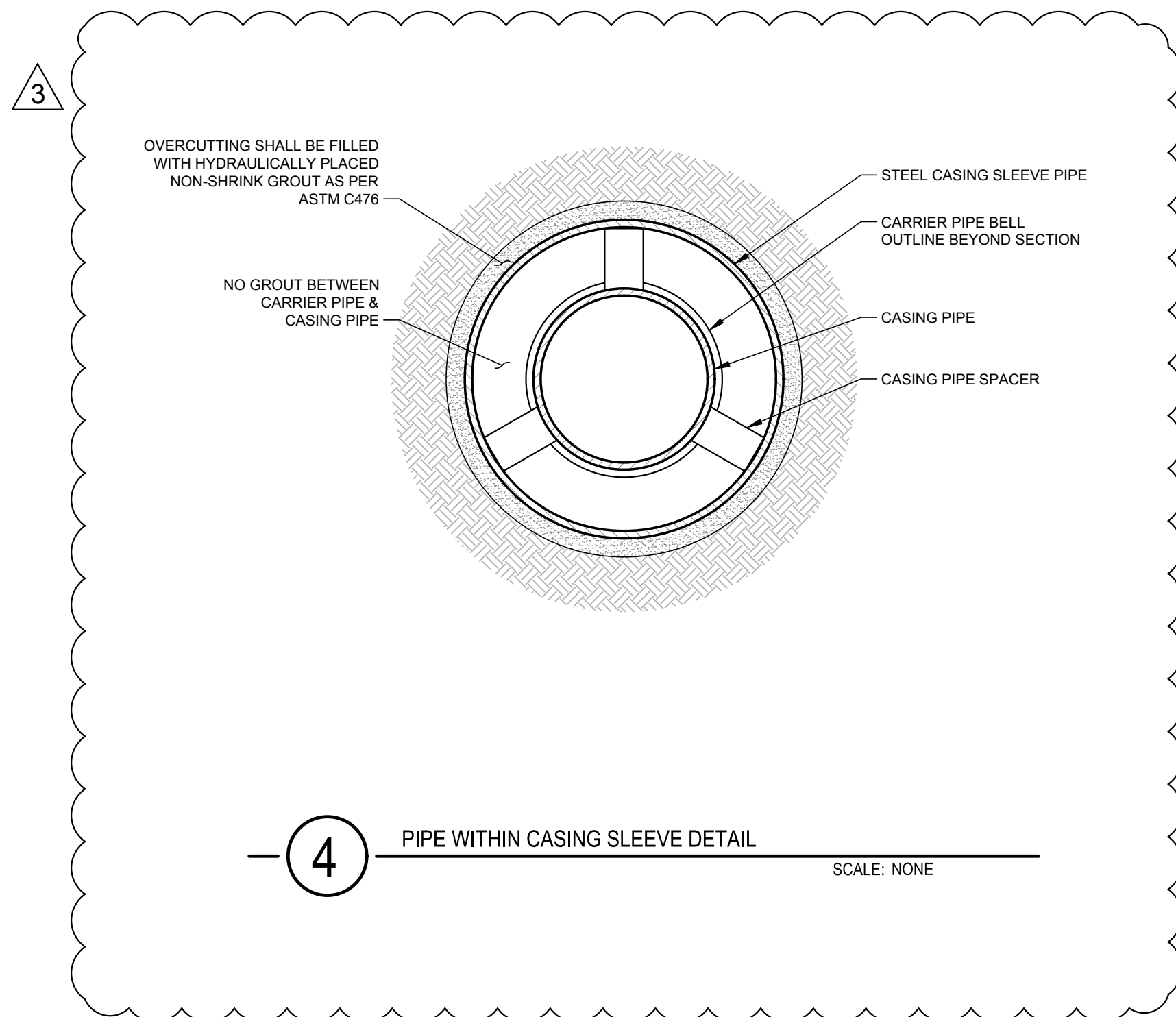
7 TENCING DETAIL - SANTA BARBARA 2-030

SCALE: NONE



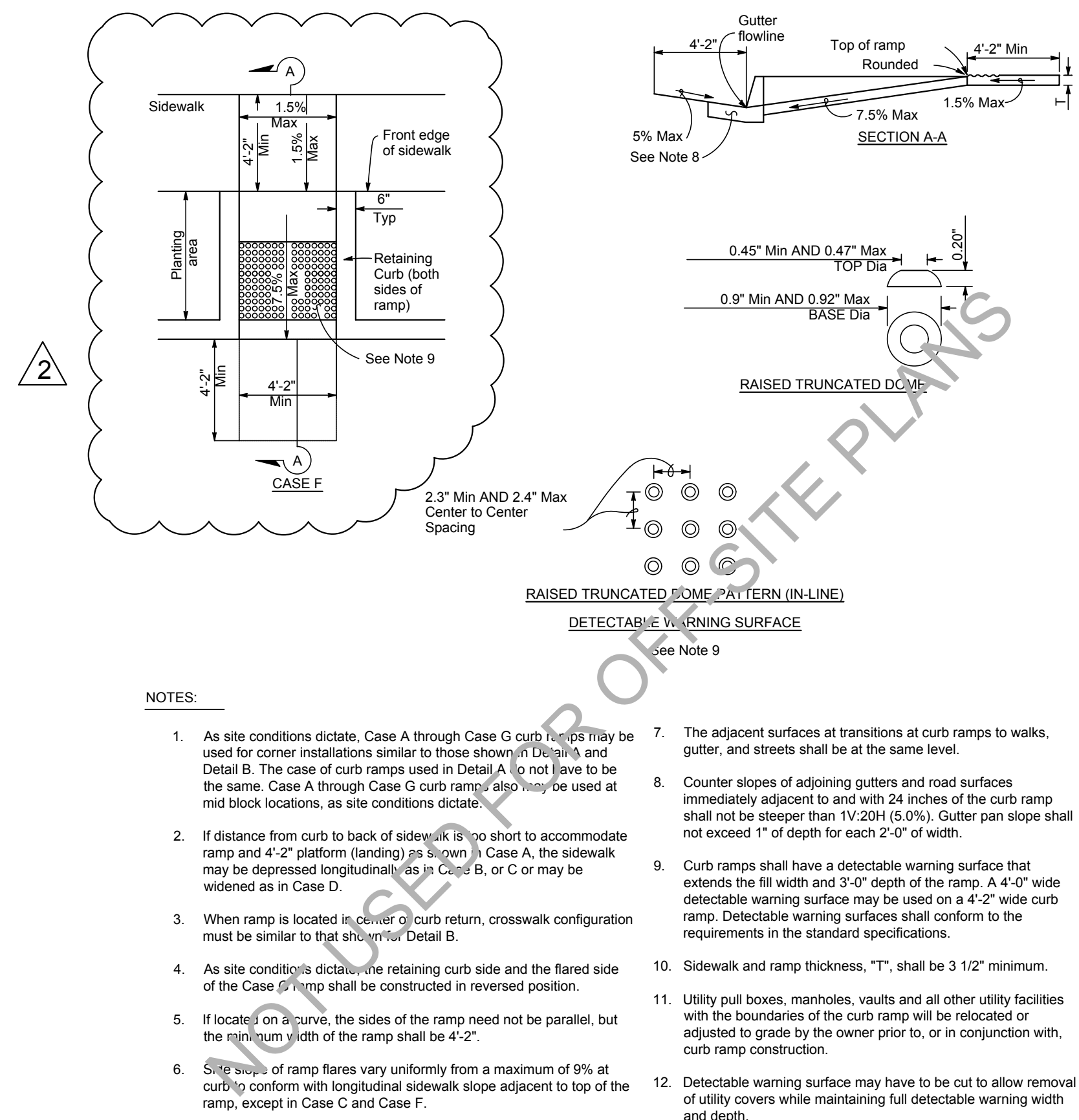
3 PRIVATE DRIVEWAY - SANTA BARBARA 6-020

SCALE: NONE



1 CURB RAMP - CASE A

SCALE: NONE



2 CURB RAMP - CASE F

SCALE: NONE

ABOVE GRADE ENGINEERING

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(805) 540-5115
abovegradeengineering.com
A California Corporation
Scott Stearns PE # 58236

ENGINEER OF RECORD:

PROFESSIONAL ENGINEER
PROJECT J. STEARN
CIVIL
STATE OF CALIFORNIA

DATE:

SANTA MARIA JOINT UNION HIGH SCHOOL DISTRICT
CTE CENTER / AG FARM FACILITIES PROJECT
1280 FOUNDERS AVENUE, SANTA MARIA, CA

CIVIL DETAIL SHEET

NO.	REVISION	DATE
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6	OFF-SITE PERMITTING PLAN CHECK	1/20/19

DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157

SHEET:

C-4.2

DATE: November 28, 2017

 GATE VALVE DETAIL



JOINT TRENCH DETAIL

NOTES:

5 TYPICAL THRUST BLOCKING DETAIL

 CONCRETE MANHOLE DETAIL

② FIRE HYDRANT BEHIND CURB DETAIL

NOTES:

1 PIPE TRENCH DETAIL

2 CLEANOUT DETAIL

- (A) APPROVED CHECK VALVE
- (B) O.S.&Y. VALVE
- (C) 90° BENDS, C.I., FL.
- (D) VERTICAL PIPE, FL. 54" OR AS REQUIRED
- (E) TAPPING SLEEVE & VALVE OR LINE VALVE, INCLUDING LATERAL.
- (F) FLANGED COUPLING ADAPTER

NOTE: UP TO 4" USE G.I. PIPE & FITTINGS

4 DOUBLE DETECTOR CHECK VALVE DETAIL



POST INDICATOR VALVE (PIV) DETAIL

 CONCRETE MANHOLE DETAIL

1 DOUBLE DETECTOR CHECK VALVE DETAIL

2 CLEANOUT DETAIL

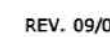
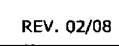
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3	OFF-SITE PERMITTING PLAN CHECK	5/9/18
4	OFF-SITE PERMITTING PLAN CHECK	9/26/18
5	OFF-SITE PERMITTING PLAN CHECK	11/20/18
6	OFF-SITE PERMITTING PLAN CHECK	12/01/19

DESIGNED: SJS
DRAWN: DWB
JOB NUMBER: 16157

SHEET:

C-4.3

DATE: November 28, 2017





- LCSD SEWER PIPES

PRIVATE SEWER PIPES

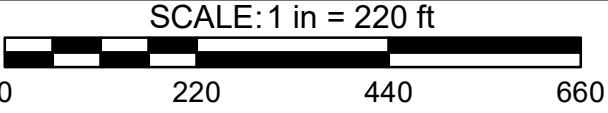
SEWER MANHOLES

SEWER CLEANOUTS (#-#)

ABANDONED SEWER PIPES
- LCSD BOUNDARY

RECORD DRAWING
REFERENCE NUMBER

COUNTY OF SANTA BARBARA
LAGUNA SANITATION DISTRICT



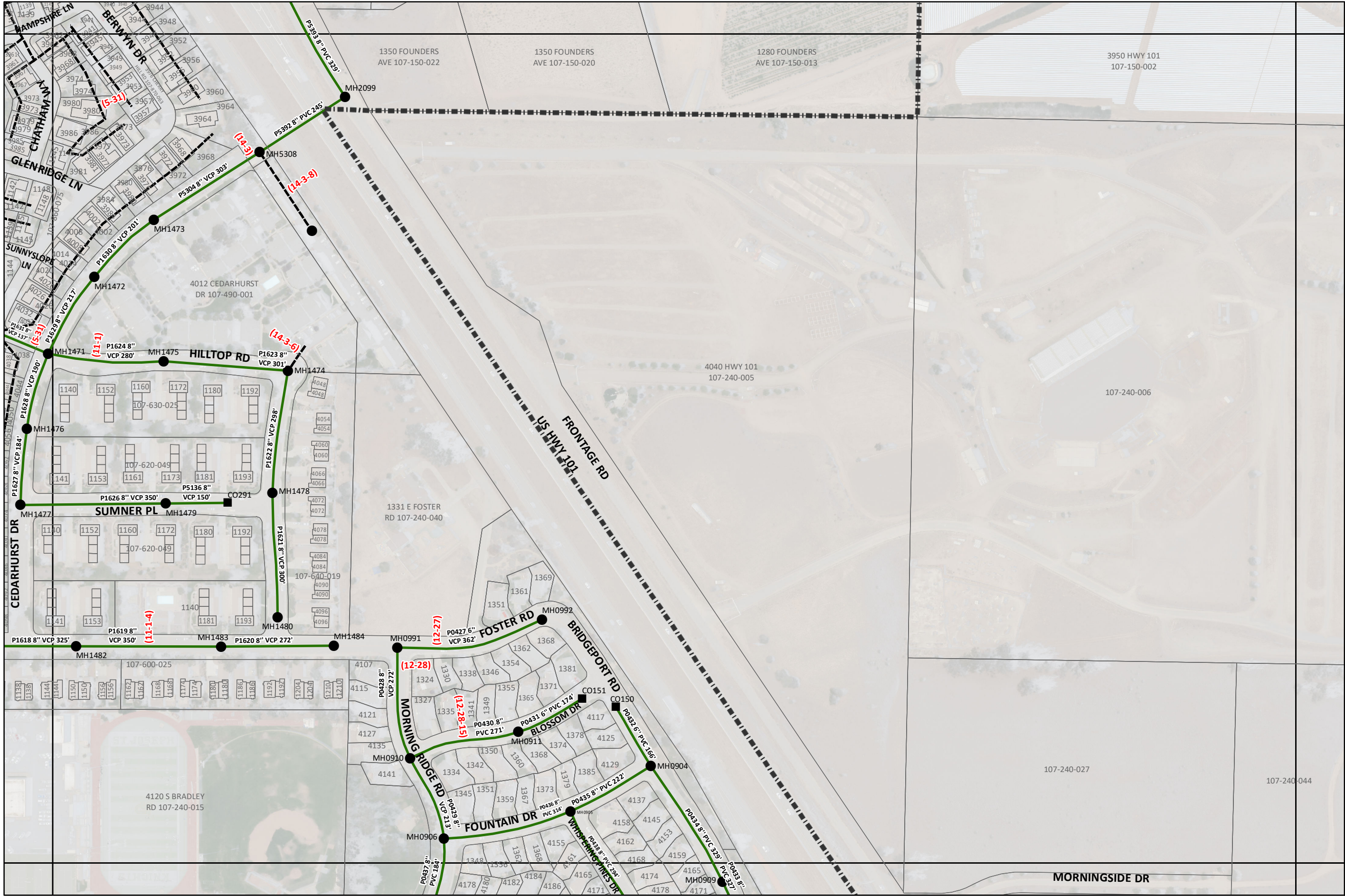
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17 - 317 - 2

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24	23		20	19	
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REVISED: 1/23/2024

SHEET17-1



LCSD SEWER PIPES

PRIVATE SEWER PIPES

SEWER MANHOLES

SEWER CLEANOUTS (#-#)

LCSD BOUNDARY

RECORD DRAWING
REFERENCE NUMBER

ABANDONED SEWER PIPES

COUNTY OF SANTA BARBARA
LAGUNA SANITATION DISTRICT

SCALE: 1 in = 220 ft

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REVISED: 1/23/2024

SHEET 17-2

ORDINANCE NO. 5211

AN ORDINANCE OF THE LAGUNA COUNTY SANITATION DISTRICT AMENDING ORDINANCE NO. 3130 ADOPTED NOVEMBER 19, 1979, WHICH ESTABLISHED SERVICE CHARGES, CONNECTION CHARGES, AND OTHER RULES AND REGULATIONS AS AMENDED BY ORDINANCE NO. 4142 ADOPTED DECEMBER 9, 1993 ESTABLISHING TRUNK SEWER FEES. THIS AMENDING ORDINANCE CHANGES THE ANNUAL SERVICE CHARGE AND CONNECTION CHARGE FOR SINGLE FAMILY AND DUPLEX DWELLING UNITS, APARTMENTS, CONDOMINIUMS, TRAILER SPACES, MOBILE HOMES AND NON-RESIDENTIAL DEVELOPMENT; AND ALSO CHANGES THE DUTARD-SOLOMON AND BRADLEY-SOLOMON TRUNK SEWER FEES.

The Board of Supervisors of the County of Santa Barbara, acting as the Board of Directors of the Laguna County Sanitation District, does ordain as follows:

Section 1.

Section 2 of Article I of Ordinance No. 3130 is amended to read as follows:

Section 2.

The service charge for each single family dwelling and duplex dwelling unit is \$1,138.37 per fiscal year.

Section 2.

Section 3 of Article I of Ordinance No. 3130 is amended to read as follows:

Section 3.

The service charge for each apartment, condominium, trailer space or mobile home dwelling unit is \$924.79 per fiscal year.

Section 3.

Section 4 of Article I of Ordinance No. 3130 is amended to read as follows:

Section 4.

The service charge for schools, public and private, is \$59.05 per capita per year, to be computed on the basis of a total person count of students plus teaching, administrative and maintenance staff personnel.

Section 4.

Section 5 of Article I of Ordinance No. 3130 is amended to read as follows:

Section 5.

The service charge for all other users of the District's sewer system, including but not limited to commercial, institutional, industrial, and for any user not herein specified, shall be dependent on five-day biochemical oxygen demand, suspended solids loading, and flow volume per user type. The minimum commercial service charge is \$925.00 per fiscal year.

Section 5.

Section 2 of Article II of Ordinance No. 3130 is amended to read as follows:

Section 2.

The connection charge for each apartment, condominium, trailer space or mobile home dwelling unit is \$8,648.

Section 6.

Section 3 of Article II of Ordinance No. 3130 is amended to read as follows:

Section 3.

The connection charge for each single family and duplex dwelling unit is \$10,676.

Section 7.

Section 4 of Article II of Ordinance No. 3130 is amended to read as follows:

Section 4.

The connection charge for commercial buildings, hotels, motels, schools, and institutions is \$10,676 for each equivalent residential unit (RUE) as determined for each commercial development based on the method shown in Exhibit B.

Section 8.

Section 1 of Article III of Ordinance No. 3130 is amended to read as follows:

Section 1.

Applicable plan check, permit, inspection, testing and annexation processing fees for sewer connections to District facilities shall be charged prior to District approval as shown below:

1. Plan check and review fees for multiple parcel, commercial and industrial developments: Hourly staff rate with a \$500 minimum deposit.
2. Permit fees per application: \$100.00.
3. Inspection fees per connection: \$100.00.
4. Inspection fees for industrial facilities per connection: \$150.00.
5. Sewer line inspection and testing fees: \$200/100 feet.
6. Annexation processing fees: Hourly staff rate with a \$500 minimum deposit.

Section 9.

Section 1 of Article IV of Ordinance No. 3130 is amended to read as follows:

Section 1.

For new development, the service charges specified in Article I hereof shall be collected prior to occupancy approval based on the prorated value through June 30 in the fiscal year occupancy approval is sought. For existing development, the service charges specified in Article I hereof shall be collected on the tax roll in the same manner, by the same persons,

and at the same time as, together with and not separately from, the general county taxes, as provided in Health and Safety Code Section 5473 et seq. The service charge for schools, public and private, may be hand billed instead of collected on the tax roll.

Section 10.

Section 2 of Article IV of Ordinance No. 3130 is amended to read as follows:

Section 2.

For the purpose of the collection of the service charges on the tax roll, the service charges specified in Article I hereof shall become operative and effective commencing July 1, 2024 for the Fiscal Year 2024-2025 and shall continue in effect and be operative for each fiscal year thereafter.

Section 11.

Section 3 of Article IV of Ordinance No. 3130 is amended to read as follows:

Section 3.

For new development, the connection charges specified in Article IV hereof shall be collected prior to occupancy approval. Delinquent or uncollected connection charges shall be collected on the tax roll in the same manner, by the same persons, and at the same time as, together with and not separately from, the general county taxes, as provided in Health and Safety Code Section 5474 et seq. The connection charge established in this ordinance shall be adjusted annually on July 1 by the percent change in the Engineering News Record (ENR) Construction Costs Index for Los Angeles from January of the previous year to January of the current year but shall not be less than 0%.

Section 12.

Section 1 of Article V of Ordinance No. 3130, as amended by Ordinance No. 4142, is amended to read as follows:

Section 1.

- a. Any landowner or subdivider in the District who desires to develop an area which, at the time of adoption of this ordinance, is not served directly by an existing trunk sewer, or is not planned to be served in the future directly by the proposed trunk sewers described in paragraphs (c) and (d) of this Section, and would require construction of a new trunk sewer to gain service from the District, may develop such area upon advancing to the District the money for construction, engineering, inspection and other associated costs of said new trunk sewer. Portions of monies so advanced may, by separate agreement, be returned to the landowner or subdivider at the District's option. Any other landowner or subdivider may connect to or make use of said new trunk sewer by paying to the District his proportionate share of the cost of such trunk sewer.

- b. The Dutard-Solomon Trunk Sewer Fee for all residential dwelling units in such area is \$1,363 for each dwelling. The Dutard-Solomon Trunk Sewer Fee for commercial buildings, hotels, motels, schools, and institutions in such area is \$1,363 for each residential unit equivalent (RUE) as determined for each commercial development based on the method shown on Exhibit A.
- c. The Bradley-Solomon Trunk Sewer Fee for all residential units in such area is \$3,498 for each dwelling. The Bradley-Solomon Trunk Sewer Fee for commercial buildings, hotels, motels, schools, and institutions in such area is \$3,498 for each residential unit equivalent (RUE) as determined for each commercial development based on the method shown on Exhibit A.
- d. The trunk sewer fees established in (b) shall be adjusted annually on July 1 by the percent change in the ENR (Engineering News-Record) Construction Cost Index for the City of Los Angeles from January of the previous year to January of the then current year but shall not be less than 0%.
- e. The trunk sewer fees established in (c) shall be adjusted annually on July 1 by the percent change in the Prime Interest Rate pursuant to the terms of the reimbursement agreement dated January 15, 2008.

Section 13.

Section 5 of Article V of Ordinance No. 3031 is amended to read as follows:

Section 5.

The foregoing charges shall be in effect during the 2024-2025 budget year.

Section 14.

Section 6 is hereby added to Article V of Ordinance No. 3031 as follows:

Section 6.

Except as herein amended, Ordinance Nos. 3130 and 4142 shall remain in full force and effect.

Section 15.

Section 7 is hereby added to Article V of Ordinance No. 3031 as follows:

Section 7.

All ordinances amending Ordinance No. 3130, other than Ordinance No. 4142 and this Ordinance, are hereby repealed.

Section 16.

Section 8 is hereby added to Article V of Ordinance No. 3130 as follows:

Section 8.

This Ordinance shall take effect and be in force THIRTY (30) days from the date of its passage; and before the expiration of FIFTEEN (15) days after its passage, it or a summary of it, shall be published once, with the names of the members of the Board of Directors voting for and against the same, in the Santa Maria Times, a newspaper of general circulation published in the County of Santa Barbara.

Section 17.

Section 2 of Ordinance No. 4142 is hereby repealed.

Section 18.

Section 3 of Ordinance No. 4142 is hereby repealed.

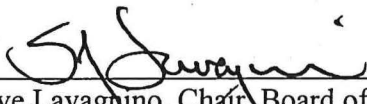
PASSED, APPROVED, AND ADOPTED by the Board of Directors of the Laguna County Sanitation District, County of Santa Barbara, State of California, this 14th day of May 2024, by the following vote:

AYES: Supervisors Williams, Capps, Hartmann, Nelson and Lavagnino

NOES: None

ABSTAIN: None

ABSENT: None

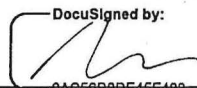

Steve Lavagnino, Chair, Board of Directors
Laguna County Sanitation District

Date: 5-14-24

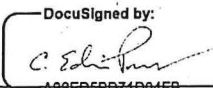
ATTEST:
MONA MIYASATO
COUNTY EXECUTIVE OFFICER
CLERK OF THE BOARD

By 

APPROVED AS TO FORM:
RACHEL VAN MULLEM
County Counsel

By 
Deputy Counsel

APPROVED AS TO ACCOUNTING FORM:
BETSY M. SCHAFFER, CPA
Auditor-Controller

By 
Deputy

This is a true certified copy of the original document on file or of record in my office. It bears the seal and signature, imprinted in purple ink, of the Clerk of the Board of Supervisors.




Clerk of the Board, Santa Barbara County, California
Date 5-22-24 by Deputy: 



EXHIBIT A**LAGUNA COUNTY SANITATION DISTRICT
Trunk Sewer Fee Schedule for FY 2024-2025**

<u>User Classification</u>	<u>Dutard-Solomon</u>	<u>Bradley-Solomon</u>
Single Family Dwelling (SFD) Unit	\$1,363	\$3,498
Multiple Family Dwelling (MFD) Unit	\$1,104	\$2,833
Commercial Development	Fee = SFD Fee × Total DFU/20	

Note: The trunk sewer fees for commercial and other non-residential development shall be determined by multiplying the fee for a single family residential unit by the number of residential unit equivalents (RUEs) of the proposed development. The RUEs shall be determined by dividing the total number drainage fixture units (DFUs) proposed in the commercial development (as referenced from the most recent adopted plumbing code) by the number of DFUs for a single family dwelling unit (20 DFU).

EXHIBIT B

LAGUNA COUNTY SANITATION DISTRICT
Connection Charge Schedule for FY 2024-2025

<u>User Classification</u>	<u>Charge</u>
Single Family Dwelling (SFD) Unit	\$10,676
Multiple Family Dwelling Unit	\$8,648

Commercial Development Fee =

$$\text{SFD Charge} \times [(0.69 \times \text{Total DFU}/20) + (0.15 \times \text{BOD}_5/\text{BOD}_{5\text{-SFD}}) + (0.16 \times \text{SS}/\text{SS}_{\text{SFD}})]$$

Note: The connection charge for commercial and other non-residential development shall be determined by multiplying the charge for a single family residential unit by the number of residential unit equivalents (RUEs) of the proposed development. The RUEs shall be determined by distributing 70% of the SFD charge to the ratio of the total number drainage fixture units (DFUs) proposed in the commercial development (as referenced from the most recent adopted plumbing code) to the number of DFUs for a single family dwelling unit (20 DFU), 16% of the SFD charge to the ratio of the BOD₅ of the proposed commercial development to the BOD₅ of a SFD, and 14% of the SFD charge to the ratio of SS of the proposed commercial development to the SS of a SFD. The BOD₅ and SS for the various user group categories shall be those given in the following table:

User Classification	BOD ₅ (mg/l)	SS (mg/l)
Single family dwelling	363	313
Multiple family dwelling	363	313
Retail	222	197
Beauty, barber, pet grooming	363	313
Lumber yards, nurseries, business services	222	197
Offices, financial institutions	192	105
Medical, dental, veterinary offices	192	105
Restaurants, fast food	1,480	789
Other food services (deli, beverage, yogurt)	363	313
Banquet facilities, patio dining	363	313
Bakeries	1,480	789
Common areas	363	313
Auto, transportation services	266	368
Car wash (non-recycle)	30	197
Car wash (recycle)	30	197
Dry cleaner without laundry	222	145
Laundromats	222	145
Meeting halls, theaters, entertainment	363	313
Bowling alleys	363	313
Golf course, country club, health club	363	313
Warehouse	192	105
Market, supermarket	363	313
Skilled nursing	363	313
Residential care	363	313
Hospitals	363	313
Hotels, motels	363	313
Churches	363	313
Schools with cafeteria, gym and showers	192	132
Schools with cafeteria, without gym and showers	192	132
Schools without cafeteria, with gym and showers	192	132
Schools without cafeteria, without gym and showers	192	132

BOD₅ is the 5-day biochemical oxygen demand loading.

SS is the suspended solids loading.

Other waste loading constituents and characteristics as deemed appropriate by the district manager may be used to determine the charge when a similar classification is not available.

This document provides a general overview of Laguna County Sanitation District's (LCSD) procedure and requirements for attaining a sewer Can and Will Serve Letter. The below steps outline the typical process.

STEP 1: INITIAL SUBMITTAL OF APPLICATION

1. Complete the "Request for Can and Will Serve Notification" form, which can be provided by the front desk upon arrival to our office or it can be pre-requested via email.
2. Attach 1 plot plan showing both public sewer main and private sewer lateral location. Attach 1 floor plan showing number of sanitary fixtures. Sanitary fixtures are anything that is connected to the plumbing system for example bathtubs, floor drains, sinks, showers, toilets, etc. All plans shall meet County of Santa Barbara Planning and Development (P&D) Department standards. Those requirements can be found by contacting P&D; P&D north county office receptionist phone is 805-934-6250. Please note that if your plans do not meet those standards LCSD will NOT process your request.
3. Larger projects involving proposed new public sewer facilities and parcel tract maps will require plan submittals per LCSD Engineering Design Standards (copy available upon request).
4. Collect the above documents and you're ready to submit. Submissions can be done in person or emailed to the County office at the addresses shown at the bottom of the page.

STEP 2: INITIAL REVIEW OF SUBMITTAL

Upon receipt, the application and plans will be reviewed. If you submit the application in person, we can do the initial review with you over the counter. The office is open from 8am - 5pm Monday through Friday. You are welcome to come in anytime however LCSD has ongoing projects that require staff to be out of the office. To confirm we can be available, you are encouraged to schedule an appointment by phone or email. If you submit the application by email, expect a confirmation email.

STEP 3: PROCESS AND TIMETABLE

After review of your submittal, a plan check review will commence internally. The application may also be routed internally to Planning & Development to verify the classification of your project. The typical processing time from submittal to issuance is about 4-5 weeks. Applications requiring modification or changes due to plan check comments may take longer. Projects involving proposed new public sewer facilities, parcel or tract maps will require payment of fees pursuant to LCSD's rate and fee ordinance and must have complete final signed civil plans and parcel / tract maps prior to C&W Serve letter issuance.

STEP 4: ISSUANCE OF C&W SERVE LETTER

The C&W Serve Letter will be prepared for issuance and you will receive a signed copy of it along with other pertinent documents. Please read your letter carefully; it will explain the applicable fees. Fees depend on your intended project. All fees are pursuant to LCSD's rate and fee ordinance. Common Applicable fees are as follows:

Connection Charge: A one-time fee assessed on new development to cover the reservation of treatment system capacity.

Service Charge: An ongoing fee for the usage of the sewer system. A prorated amount is due at time of occupancy sign off for the new development to cover the remaining portion of the fiscal year through June 30th. Thereafter, it is assessed annually on the tax roll.

Dutard-Solomon and/or Bradely- Solomon Trunk Sewer Fee: A one-time fee assessed on new development for the usage of trunk sewer lines. Only applicable in areas that drain to trunk lines built by developers which LCSD agreed to reimburse.

Common Accessory Dwelling (ADU) or Junior Accessory Dwelling Units (JADU) Projects and Fees

Conversion of existing structure to ADU or JADU per Government Code Section 65852.150 et seq; the applicable fees are Prorated Sewer Service Charge and Trunk Sewer Fee



Construction of a new floor space ADU per Government Code Section 65852.150 et seq; the applicable fees are Connection Charge*, Prorated Service Charge and Trunk Sewer Fee



*Connection Charge is calculated by the number of Drainage Fixture Units (DFUs) per California Plumbing Code

****NOTE ALL THE ABOVE CHARGES WILL BE DUE AT FINAL OCCUPANCY SIGN OFF & ALL CHARGES ARE SUBJECT TO CHANGE AS OUR ORDINANCE IS ADJUSTED EVERY FISCAL YEAR ****

STEP 5: Final Occupancy Sign Off

After your project is built and you are ready for final occupancy, call or email to make an appointment for LCSD to sign your permit card (provided by Building and Safety). Sign off requests are appointment only. At this point LCSD staff will review your file and determine if the rates provided in the C&W Letter remain under the same ordinance. If you're returning over a year after the issuance of the C&W Serve Letter it is likely that a new ordinance is in place. LCSD staff will correct the rates to match current ordinance and collect prior to sign off.

THANK YOU

For further information, please call the Laguna County Sanitation District at Tel (805) 803-8750

Submit Applications:

In Person: Santa Barbara County Public Works Department 620 W. Foster Road, Santa Maria, CA 93455

By Email: Kevin Thompson, P.E., Civil Engineer, Specialist kethomp@countyofsb.org

For in person questions, or occupancy sign off, please call or email to make an appointment.