

AGREEMENT FOR CONSTRUCTION AND DEDICATION OF FLOOD CONTROL IMPROVEMENTS IN THE LOS ALAMOS COMMUNITY

THIS AGREEMENT ("Agreement") is made by and between LOS ALAMOS 59, LP, hereinafter referred to as "Developer", and the Santa Barbara County Flood Control & Water Conservation District, a political subdivision of the State of California, referred to herein as "District". Collectively, Developer and District are referred to herein as the "Parties". The Parties agree as follows:

1. Recitals

This Agreement is made with reference to the following facts and objectives:

- A. District has the authority to provide facilities for the collection, control and discharge of storm water and drains in the District pursuant to the Santa Barbara County Flood Control and Water Conservation District Act (Stats. 1955, Chapter 1057, p. 2006, as amended); and
- B. Developer proposes to construct the Village Square Subdivision (the "Subdivision"), also known as Tract Map 14,608 and formerly known as the Legacy Estates Subdivision in the Los Alamos community. Portions of the Los Alamos community have a history of flooding.
- C. As a condition of Subdivision approval, Developer is required to construct certain on-site and off-site storm drain improvements.
- D. All on-site storm drain improvements constructed as part of the Subdivision will be owned and maintained by the Home Owners' Association and detailed in the separate, recorded SUBDIVIDER'S AGREEMENT TO CONSTRUCT AND MAINTAIN PRIVATE DRAINAGE IMPROVEMENT AND PRIVATE DRAINAGE & MAINTENANCE EASEMENTS.
- E. The parties wish to establish their mutual understanding concerning the design and construction of the off-site storm drain improvements ("Project"), which will include, but is not limited to, installation of Class III Reinforced Concrete Pipe (RCP) storm drains (72" \cong 700FT, 60" \cong 360FT, 48" \cong 2,730FT), headwall, cable railing, trash rack, 15 storm drain manholes, concrete overflow weir, v-ditch, and outfall protection at San Antonio Creek.
- F. This Agreement sets forth the Parties' respective rights and obligations regarding the Developer's design and construction of the Project, as well as the terms upon which District will accept Developer's offer to dedicate the completed Project facilities.

2. Design and Planning of the Project

- A. Design of Facilities. Developer at its sole expense will cause the final plans for the Project to be designed in conformity with District requirements and in full compliance with engineering standards established by District. The complete plan of design for the Project, certified by a Civil Engineer registered in the State of California, was approved by the District in 2015.
- B. Design Immunity. District acknowledges that the Project as depicted in attached Exhibit A, which is incorporated by reference, meet District requirements and standards. District's approval of Developer's plans does not constitute any warranty or guarantee by District concerning the design or performance of the Project and Developer is responsible for the construction as provided herein. This approval is intended to avail District of the immunities set forth in Government Code § 830.6.

3. Pre-Construction Obligations of the Parties

- A. Permits and Approvals. Developer is responsible for obtaining all required permits, licenses and entitlements before the start of construction at Developer's expense. Copies of all permits must be furnished to District upon request.
- B. Insurance. Developer must require all Project contractor(s) and subcontractor(s) to carry and have in force at all times during the work valid insurance coverage pertaining to the work (including general liability, automobile liability, employer liability and workers' compensation coverage), in an amount(s) and form as required by law naming District as additional insured. Comprehensive general liability and automobile liability must be in the minimum amount of (\$2,000,000) per occurrence. Endorsements must be on ISO Form CG 20 10 11 85 or CG 20 10 11 88, or equivalent. Developer must furnish evidence of insurance coverage satisfactory to District before District issues construction permits for the work.
- C. Plan Review and Inspection Fees. District will determine an inspection fee deposit amount, which Developer is required to provide District prior to commencement of construction. Any unused portion of deposit remaining upon completion and acceptance of Project facilities will be reimbursed to Developer. Developer hereby acknowledges that final District costs are dependent on factors outside District's control, including the construction contractor's schedule and efficiency of operations.

- D. Bonds. Before commencing any work, Developer must provide or cause its general contractor to provide performance and payment (labor and material) bonds.
- E. Project Manager. Developer must designate a project manager and provide the name and contact information to District in advance of commencing construction. District's Deputy Director or designee will be the District's contact during the period of construction.

4. Construction

- A. Notice of Commencement. Developer must provide District with a written notice of commencement at least 48 hours before commencing construction on the Project.
- B. Period of Construction. The "Period of Construction" for the Project commences on the date when Developer's contractors first mobilize construction equipment and materials onto the Project Area and ends when Developer provides a notice of substantial completion in accordance with this Agreement.
- C. Contractors. Developer at its sole expense will cause the Project to be constructed by a contractor(s) licensed by the State of California to perform the work required, in this case a Class A General Engineering Contractor License and Professional Land Surveyor License. The Developer, through its contractor(s);, diligently perform the work in a good and workmanlike manner, in full compliance with local, state and federal laws, regulations, ordinances, permits, licenses, entitlements and guidelines (including District's) pertaining thereto, including those relating to the health and safety of workers on the Project . Developer to provide a California licensed land surveyor for construction staking and other necessary functions as needed and directed by the District. Developer to provide a construction material testing and geotechnical consultant as needed and as directed by the District, and to make the use and work products of these professionals available to the District during construction.
- D. Compliance with Approved Plans. Developer at its sole expense must cause all Project facilities to be built and installed in full compliance with the final plans and specifications as approved by District. Any changes in the plans or specifications requires advance approval from District's Deputy Director or designee. In such case, Developer, at its sole expense, must furnish District with a revision of plans showing such modification.

- E. Inspections. All work by contractor(s) may be inspected by District at Developer's cost. All work must be visually observable and uncovered until the work is approved by District. Developer, at its sole expense, will cause its contractor(s) to promptly remove, replace, correct or modify any work identified by District or any other agency with jurisdiction to be out of compliance with applicable requirements or with approved Project plans and specifications. Developer will pay District for District's actual costs for inspection of any work requiring observation or oversight, including consulting fees and staff time.
- F. Notice of Completion. Developer will provide District with a notice of substantial completion of the Project, and District will complete its final inspection of the Project within 10 business days of receiving such notice. If District finds any portion of the work out of compliance with approved plans and specifications, District will provide written notice of defects to Developer, and Developer must correct the defects immediately. District is under no obligation to accept County's offer to dedicate the Project facilities unless District confirms that the Project Facilities are constructed in accordance with the approved plans and specifications, as they may be modified pursuant to this Agreement. Should District fail to conduct a final inspection within 10 business days after actually receiving notice of substantial completion, District's right to final inspection is waived.
- G. Final Cost Accounting. Developer will provide the actual cost of the Project to the District for Government Accounting Standards Board purposes at the end of construction.

5. Dedication and Acceptance

- A. As-Built Plans. After District's satisfactory final inspection, if any, and a notice of completion is recorded, Developer at its sole expense will provide District with one original mylar, two print copies and one electronic copy of final "as built" plans for the Project facilities.
- B. Offer to Dedicate. Developer at its sole expense will prepare and deliver to District, in forms acceptable to District, instruments that offer to dedicate and convey to District the whole of the Project facilities, together with all easements and rights of way as may be necessary to ensure access to and maintenance of the Project facilities.
- C. Liens and Releases. Before District's consideration to accept the offer to dedicate, Developer must ensure that the Project facilities and easements, if any, to be dedicated and transferred to District are free and clear of any and all liens and encumbrances.

- D. Guarantees, Repair and Replacement. In its offer to dedicate, Developer must represent, warrant and guarantee that the materials and the workmanship used in the construction of the Project facilities are good and workmanlike and otherwise fully meet the requirements of this Agreement. Developer must obtain from each of its contractors a warranty against defects for a one year period after the Notice of Completion is filed. Should a defect in the materials or workmanship become evident within one year, Developer shall require its contractors to remedy the defect pursuant to such warranties.
- E. Acceptance of Offer to Dedicate. If the Flood Control Facilities are completed in accordance with approved plans and specifications, as they may be modified pursuant to this Agreement, and provided that Developer complied with all its material obligations to District, District will accept Developer's offer to dedicate the Project facilities for public use. Upon District's acceptance of Developer's offer to dedicate, the Project facilities become District's property.

6. Indemnification and Transfer of Risk

- A. DEVELOPER shall hold DISTRICT free of and harmless from all liability, judgments, costs, damages, claims or demands, including reasonable attorneys' fees, arising out of any act or omission of DEVELOPER, including its failure to comply with or perform its obligations under this Agreement. In the event DISTRICT shall be made a party to any suit or other legal proceeding in connection with DEVELOPER's activities, other than a suit or proceeding resulting from the negligent or intentional act of DISTRICT, its agents or employees, DEVELOPER shall, at DISTRICT's request, defend and indemnify DISTRICT therefrom.
- A. Developer has obtained an informal determination from the Department of Industrial Relations that the construction and dedication of the Project is not subject to prevailing wage requirements under the California Labor Code. Developer agrees and understands that its violation of any Labor Code provision regarding payment of prevailing wages can result in fines or damages being levied against District. Developer specifically agrees that the indemnification and defense obligations set forth in this Section include District's payment of any fines, penalties, or damages that might arise out of this Agreement or the public works contract administering construction of the Project related to Labor Code requirements.

7. Miscellaneous Provisions

- A. Relationship of Parties. Nothing in this Agreement may be construed to make District a partner or joint venturer with Developer; or render District

liable for the debts or obligations of Developer or render Developer liable for the debts or obligations of District.

- B. Notices. Unless otherwise provided, all notices herein required must be in writing and delivered in person or sent by expedited mail service or certified mail, postage prepaid. Notices required to be given to District will be addressed as follows:

Matthew Griffin, PE
Engineering Manager
Santa Barbara County Flood Control & Water Conservation District
130 E. Victoria St., STE 200
Santa Barbara, CA 93101

Notices required to be given to the Developer will be addressed as follows:

Chris Jones, Vice President
LOS ALAMOS 59, LP
By: MHP Builders, Inc., It's General Partner
1885 California Street
Corona, CA 92881

Notices are deemed delivered three days after mailing in accordance with the provisions of this section. Any party may change such address by notice in writing to the other party and, thereafter notices will be addressed and transmitted to the new address.

- C. Binding Effect. The rights and the obligations set forth herein binds and inures to the benefit of all heirs, successors and assigns of the Parties.
- D. Headings. The headings provided in this Agreement are for convenience only and are not intended to augment or interpret the legally binding provisions.
- E. Severability. If any provision of this Agreement, or portion of it, or the application of it, to any person or circumstance, is to any extent be held invalid, inoperative or unenforceable, the remainder of this Agreement will not be affected. It will not be deemed that any such invalid provision affects the consideration for this Agreement. Each provision of this Agreement is valid and enforceable to the fullest extent permitted by law.
- F. Interpretation and Governing Law. This Agreement is governed by and construed in accordance with the laws of the State of California. Any litigation arising out of this Agreement must be filed and heard in the County of Santa Barbara. This Agreement was negotiated at arm's length,

and the parties had ample opportunity to review its contents with legal counsel. Therefore, the rule of construction which provides that ambiguities in an agreement are construed against the drafter of the document have no application in the interpretation of this Agreement.

- G. Integration; Amendment. There are no other agreements, understandings, representations or warranties by or among the parties with respect to the subject matter of this Agreement except as expressly set forth in this Agreement. This Agreement may be amended or modified only by a writing executed by each party to this Agreement.
- H. Further Assurances. Each party agrees to execute, acknowledge and deliver such other and further documents as may be necessary or appropriate to carry out the purposes and intent of this Agreement.
- I. Assignment. This Agreement may not be assigned or otherwise transferred by Developer without District's prior written consent, which District in its sole discretion and without penalty may withhold.
- J. Warranty of Authority. Each party represents and warrants to each other party that the person executing this Agreement on its behalf has full authority and power to execute and enter into this Agreement for that respective party. Upon execution by all parties, this Agreement becomes binding and enforceable according to its terms.
- K. Counterparts. This Agreement may be executed in two or more counterparts, each of which constitutes an original and all of which taken together constitutes one agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by COUNTY.

ATTEST:

Mona Miyasato
County Executive Officer
Ex Officio Clerk of the Board of
Directors of the Santa Barbara
County Flood Control and Water
Conservation District

**SANTA BARBARA COUNTY FLOOD
CONTROL & WATER CONSERVATION
DISTRICT:**

By: _____
Deputy Clerk

By: _____
Das Williams, Chair, Board of
Directors

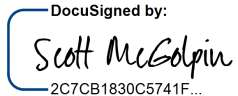
Date: _____


RECOMMENDED FOR APPROVAL:

Scott D. McGolpin
Public Works Director

DEVELOPER:

LOS ALAMOS 59, LP
By: MHP Builders, Inc., It's General
Partner

By: 
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Department Head

By:  12/20/2022 | 10:31 AM
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Authorized Representative

Name: Chris Jones

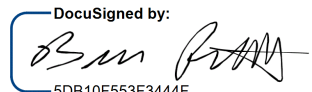
Title: Vice President

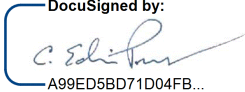
APPROVED AS TO FORM:

Rachel Van Mullen
County Counsel

**APPROVED AS TO ACCOUNTING
FORM:**

Betsy M. Schaffer, CPA
Auditor-Controller

By: 
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Deputy County Counsel

By: 
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Deputy

APPROVED AS TO FORM:

Greg Milligan, ARM
Risk Manager


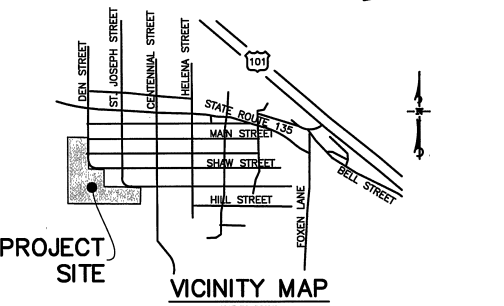
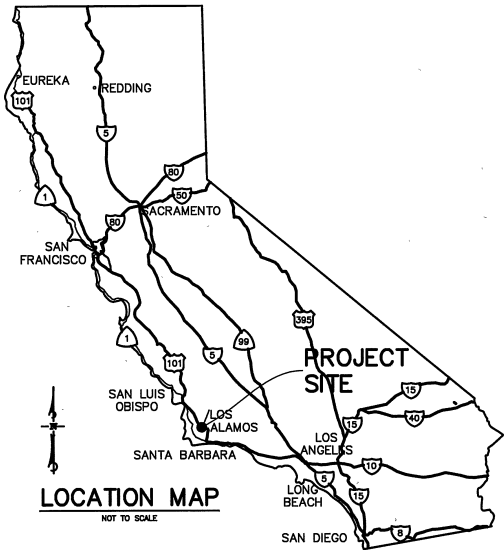
By: 
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Greg Milligan, Risk Management

EXHIBIT A

Legacy Estates Tract 14,608 Offsite Storm Drain Improvements Sheets 1-13 dated
November 24, 2015

LEGACY ESTATES TRACT NO. 14,608 OFFSITE STORM DRAIN IMPROVEMENTS LOS ALAMOS, CALIFORNIA



SHEET INDEX

1. TITLE SHEET AND GENERAL NOTES
2. GRADING AND DRAINAGE, 1 OF 8
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8. GRADING AND DRAINAGE, 7 OF 8
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10. DETAILS, 1 OF 3
11. DETAILS, 2 OF 3
12. DETAILS, 3 OF 3
13. SECTIONS

LEGEND

- | | |
|--|---|
| | EXISTING FIRE HYDRANT |
| | EXISTING STREET LIGHT |
| | EXISTING TRAFFIC SIGNAL |
| | PROPOSED EDGE OF PAVEMENT |
| | PROPOSED STORM DRAIN |
| | STORM DRAIN MANHOLE |
| | EXISTING WATER VALVE |
| | TOP OF CURB |
| | FLOWLINE |
| | FINISH SURFACE |
| | FINISH GRADE |
| | INVERT |
| | BACK OF WALK |
| | FINISH FLOOR |
| | EXISTING GROUND |
| | TOP OF GRATE |
| | TOP OF WALL |
| | HDPE HIGH DENSITY POLYETHYLENE |
| | HMA HOT MIX ASPHALT |
| | AC ASPHALT CONCRETE |
| | AB AGGREGATE BASE |
| | RCP REINFORCED CONCRETE PIPE |
| | SBPCC SANTA BARBARA COUNTY FLOOD CONTROL SPPWC STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION |
| | EXISTING SEWER |
| | EXISTING WATER |
| | EXISTING STORM DRAIN |
| | EXISTING SEWER MANHOLE |
| | EXISTING SIGNAL CONDUIT |
| | EXISTING GAS MAIN |
| | EXISTING ELECTRICAL |
| | EXISTING OVERHEAD WIRES |
| | EXISTING UTILITY POLE |
- NOTE: SOME SYMBOLS MAY NOT APPLY.



GENERAL NOTES

1. ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREOF.
2. GRADING OR OTHER CONSTRUCTION WORK OUTSIDE THE LIMITS DEFINED ON THESE PLANS IS NOT PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE AFFECTED PROPERTY OWNERS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PROJECT'S CONDITIONS OF APPROVAL AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE.
4. GEOTECHNICAL GEOLOGIC REPORTS AND ANY UPDATES SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT IN THEIR ENTIRETY HEREOF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE APPLICABLE REPORTS AND ABIDE BY THEIR RECOMMENDATIONS. IF THE CONTRACTOR DETERMINES THERE IS A CONFLICT BETWEEN THESE PLANS AND THE REPORTS HE SHALL PHONE AND NOTIFY IN WRITING BOTH THE PREPARER OF THESE PLANS AND THE REPORT, PRIOR TO PROCEEDING HE WILL WAIT FOR A WRITTEN RESPONSE CLARIFYING THE DISCREPANCY.
5. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE COUNTY OF SANTA BARBARA PLANNING AND DEVELOPMENT DEPARTMENT, COUNTY OF SANTA BARBARA FLOOD CONTROL, THE UTILITY COMPANIES, THE GEOTECHNICAL ENGINEER (PACIFIC MATERIALS LABORATORY), AND THE PROJECT ENGINEER (STANTEC), AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS) DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS. WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.
6. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND FLOWLINE ELEVATION OF ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND/OR CONDUITS TO BE JOINED BY NEW CONSTRUCTION. IF DIFFERENCES ARE OBSERVED THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER BY PHONE AND IN WRITING.
7. EXISTING PERMANENT SURVEY MONUMENTS SHOWN ON THE PLANS, INCLUDING PROPERTY CORNERS AND BENCHMARKS, SHALL BE PRESERVED BY THE CONTRACTOR OR SHALL BE TIED-OUT PRIOR TO CONSTRUCTION AND RE-SET AFTER CONSTRUCTION BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
8. TREES NOT DESIGNATED TO BE REMOVED SHALL BE PROTECTED FROM DAMAGE BY TEMPORARY FENCING.
9. AREAS TO RECEIVE FILL MATERIAL AND AREAS TO RECEIVE BUILDINGS, WALLS, PAVEMENT, SIDEWALKS AND OTHER STRUCTURAL IMPROVEMENTS SHALL BE PREPARED AS RECOMMENDED BY, AND UNDER THE OBSERVATION AND TESTING OF THE GEOTECHNICAL ENGINEER. RECOMMENDATIONS FOR OVER EXCAVATION, ADDITIONAL SCARIFICATION, BACKFILL AND RECOMPACTION ARE CONTAINED IN THE PROJECT SOILS REPORT.
10. IF NOT DIMENSIONED, LOCATION OF FINISH GRADE ELEVATIONS AND FEATURES SUCH AS SWALES, RIDGE LINES, ETC. SHALL BE DETERMINED BY SCALE FROM KNOWN POINTS SHOWN ON THE PLANS. UNIFORM GRADIENTS OR VERTICAL CURVES, AS APPROPRIATE, SHALL BE ASSUMED BETWEEN CONTROL ELEVATIONS SHOWN ON THE PLANS.
11. ALL CONSTRUCTION ACTIVITIES WITHIN 500 FEET OF SAN ANTONIO CREEK SHALL BE SCHEDULED TO OCCUR OUTSIDE THE BREEDING SEASON FOR RAPTORS (FEBRUARY 1 THROUGH AUGUST 15), OR A BIOLOGICAL SURVEY OF CONSTRUCTION AREA SHALL BE CONDUCTED NO MORE THAN FIVE DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES TO ENSURE THAT RAPTORS ARE NOT NESTING WITHIN 500 FEET OF PROJECT SITE. IF RAPTORS ARE NESTING IN TREES, CONSTRUCTION ACTIVITIES WITHIN 500 FEET OF NEST TREE SHALL BE POSTPONED UNTIL NESTING HAS BEEN COMPLETED.
12. CONSTRUCTION OF THE PROPOSED STORM DRAIN OUTFLOW IN SAN ANTONIO CREEK SHALL BE LIMITED TO OUTSIDE OF THE MIGRATION PERIOD (MAY 1 TO OCTOBER 1) OF THE SOUTHWESTERN WILLOW FLYCATCHER (EMPIDONAX TRAILLII EXTIMUS). A PRECONSTRUCTION SURVEY BY A USFWS-APPROVED BIOLOGIST SHALL BE CONDUCTED IN THE AREA WITHIN 500 FEET OF THE CREEK OUTFALL IF WORK IS TO BE PERFORMED WITHIN THE FLYCATCHER'S MIGRATION PERIOD. IF FLYCATCHERS ARE DETECTED, INSTALLATION OF THE OUTFALL SHALL BE DELAYED UNTIL IT CAN BE SHOWN THAT THE BIRDS ARE NO LONGER IN THE VICINITY.
13. HDPE MATERIAL THAT IS TO BE USED WITHIN CALTRANS R.O.W. IS SUBJECT TO SOURCE INSPECTION BY CALTRANS REPRESENTATIVES. BEFORE MATERIAL IS DELIVERED TO THE PROJECT THE MATERIAL WILL NEED TO BE INSPECTED AT THE SOURCE AND BE TAGGED. ONLY STATE INSPECTOR CAN REMOVE TAGS AT THE PROJECT. THE SOURCE INSPECTION WILL TAKE PLACE WITHIN 30 DAYS OF THE CONTRACTOR SUBMITTING A "NOTICE OF MATERIALS FORM 3101" TO THE STATE INSPECTOR.
14. ALL GRADING IN THE REGULATORY FLOOD WAY SHALL REMAIN AT OR BELOW THE EXISTING GRADE.
15. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN THAT IS SIGNED AND STAMPED BY A REGISTERED CIVIL OR TRAFFIC ENGINEER. TRAFFIC CONTROL PLAN WILL SHOW DETOURS, CONSTRUCTION SIGNAGE, TIMES OF CLOSURES, ETC.
16. ALL CALTRANS MONUMENTS WITHIN 250' OF PROJECT LIMITS SHALL BE LOCATED AND PROTECTED IN PLACE.
17. A COUNTY FLOOD CONTROL INSPECTOR SHALL BE REQUIRED FOR CONSTRUCTION OF STORM DRAIN AND APPURTENANCES TO BE OWNED BY SANTA BARBARA COUNTY FLOOD CONTROL. THIS INSPECTION SHALL BE AT THE COST OF THE DEVELOPER.

SURVEYOR'S NOTES

1. BOUNDARY
THE BOUNDARY HEREON WAS GATHERED BY PENFIELD & SMITH IN A FIELD SURVEY UNDERTAKEN IN THE MONTH OF JULY 2006 AT THE REQUEST OF HANK BLANCO.
R1 = RS BK - PG - VAUGHAN
R2 = BOOK BK 5-M-10
R3 = CS 816
R4 = RS BK 88 PG 37
R5 = RS BK 140 PG 64
R6 = RS BK 143 PG 99
R7 = RS BK 145 PG 14
R8 = CSRC WEBSITE: HTTP://CSRC.UCDSDU/
2. TOPOGRAPHY
THE TOPOGRAPHIC INFORMATION SHOWN HEREON WAS PREPARED BY ARROWHEAD MAPPING CORPORATION AT A SCALE OF 1" = 40' WITH A ONE FOOT CONTOUR INTERVAL, PREPARED FROM AERIAL PHOTOGRAPHY DATED MAY, 2002. STANTEC DOES NOT WARRANT THE ACCURACY OF SAID TOPOGRAPHIC INFORMATION.
AERIAL MAPPING HAS BEEN SUPPLEMENTED BY FIELD SURVEYS IN MAY, OCTOBER AND NOVEMBER OF 2002.
ALL MEASUREMENTS SHOWN HEREON ARE GROUND U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
3. BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS SURVEY IS N 3°43' E FOR THE CENTERLINE OF CENTENNIAL STREET DEFINED BY THE FOUND MONUMENTS AT THE INTERSECTION OF SHAW STREET AND CENTENNIAL AND THE INTERSECTION OF THE NORTH LINE OF HILL STREET AND CENTENNIAL, AS SHOWN ON THE C.S. 816 MAP ON RECORD AT THE SANTA BARBARA COUNTY SURVEYORS OFFICE.
4. VERTICAL DATUM
THE ELEVATIONS SHOWN HEREON ARE NAVD88 BASED UPON TIES TO BENCHMARK DZ1802, BEING AN NGS MARKER, MARKED "N 528 RESET 1985" AND LOCATED 5.39 MILES (8.67 KM) WEST ALONG HIGHWAY 135 FROM THE POST OFFICE IN LOS ALAMOS, AT MILE POST 582, AT THE T INTERSECTION OF THE HIGHWAY AND BATCHELDER ROAD, 24.5 FEET (7.5 M) SOUTH OF THE HIGHWAY CENTERLINE, 24.5 FEET (7.5 M) EAST OF THE CENTERLINE OF THE ROAD BEHIND SOME MAIL BOXES, 3.6 FEET (1.1 M) SOUTH OF A PHONE POLE, 2.4 FEET (0.7 M) WEST OF A 2 FOOT (0.6 M) 2 INCH SQUARE MASONRY FENCE CORNER POST, ABOUT LEVEL WITH THE GROUND SURFACE AND 0.5 FEET (15.2 CM) HIGHER THAN THE HIGHWAY, HAVING AN ELEVATION OF 405.5 PER NGS.

CONSTRUCTION NOTES

1. CONSTRUCT HEADWALL PER CALTRANS STANDARD PLAN D86B, L=25.81'; L1=19.54', L2=40.22' W1=10.82', W2=17.76', H VARIES 1.00' TO 7.33' PER DETAIL A, SHEET 10. CONSTRUCT CABLE RAILING PER CALTRANS STANDARD PLAN B11-47, PER DETAIL A, SHEET 10.
2. CONSTRUCT TRASH RACK, PER S.P.P.W.C. STANDARD PLAN 360-2, W=8', H=4', T1=6". TRASH RACK TO BE PLACED OUTSIDE OF RCP PIPE. PROVIDE EYE BOLT 1 1/4" DIA WITH 2 1/2" DIA EYE, WELDED TO TRASH RACK.
3. GRADE OUTLET AREA AS SHOWN. INSTALL NON-GROUTED ROCK RIP-RAP LINED WITH TENSAR VMAX C350 TURF REINFORCEMENT MAT OR APPROVED EQUAL, BELOW EXISTING GRADE AS SHOWN, AND PER SECTION F, SHEET 13. ROCK SHALL BE ANGULAR AND 12"-24" IN DIAMETER.
4. PROVIDE 72-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
5. PROVIDE 60-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
6. PROVIDE BOLLARD PER PLAN AND DETAIL D, SHEET 11.
7. PROVIDE 48-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
8. NOT USED.
9. PROVIDE CONCRETE ECCENTRIC MANHOLE PER DETAIL C, SPPWC STANDARD PLAN 320-2, SHEET 11. MANHOLE COVERS SHALL BE BOLTED. PROVIDE CONCRETE COLLAR FOR STORM DRAIN MANHOLES PER DETAIL C, SHEET 11.
10. MAINTAIN 1' MIN CLEARANCE BETWEEN EXISTING SEWER AND NEW RCP STORM DRAIN, ENCASE EXISTING SEWER IN CONCRETE AS NECESSARY IF LESS THAN 1' OF CLEARANCE, PER DETAIL E, SHEET 11.
11. REMOVE AND REPLACE ROADWAY AS NECESSARY WITH TYPE A, PG 64-10 HMA OVER CLASS 2 AB. BACKFILL WITH 2-SACK CEMENT SLURRY UP TO EXISTING SUB-BASE LAYER. NEW HMA PAVEMENT SHALL EXTEND ONE INCH (1") DEEPER THAN THE EXISTING AC LAYER. REPLACE STRIPING, MARKINGS, AND MARKERS AS NECESSARY.
12. PROVIDE 36-IN I.D. HDPE STUB, FOR FUTURE CONNECTION, LENGTH=10', PLUG EXPOSED END OF PIPE, PER DETAIL F, SHEET 11.
13. PROVIDE 60"x60" SQUARE RISER OUTLET WITH SLOT DRAINS PER DETAIL G, SHEET 12.
14. PROVIDE 24-IN HDPE STORM DRAIN, FLARED END AND RIP-RAP ENERGY DISSIPATION PER DETAIL H, SHEET 12. INVERT PER PLAN.
15. PROVIDE 24-IN I.D. HDPE STORM DRAIN AND OUTLET CONNECTION TO MANHOLE #7 PER PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
16. PROVIDE 30-IN I.D. HDPE STORM DRAIN AND 30-IN DIAMETER NYLOPLAST DOME GRATE INLET PER DETAIL I, SHEET 11. INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
17. PROVIDE 4' WIDE x 1' DEEP V-SWALE LINED WITH CRUSHED ROCK AND TENSAR VMAX C350 TURF REINFORCEMENT MAT OR APPROVED EQUAL, PER DETAIL J, SHEET 12.
18. CONSTRUCT 6" MINIMUM CLASS II AGGREGATE BASE RANCH ROAD OVER 1' MINIMUM COMPACTED FILL PER DETAIL J, SHEET 12. WIDTH PER PLAN.
19. PROVIDE SLURRY TRENCH PER DETAIL K, SHEET 12.
20. PROVIDE CONCRETE OVERFLOW WEIR STRUCTURE PER DETAIL L, SHEET 12.
21. PROVIDE 2' WIDE x 1' DEEP CONCRETE LINED V-SWALE WITH 12-IN DIAMETER NYLOPLAST DOME GRATE INLETS AND 12-IN I.D. HDPE STORM DRAINS, INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.

KEY MAP

SCALE: 1" = 200'

EARTHWORK QUANTITIES

CUT	= 2511 CY
ADJUSTED FILL	= 4968 CY
NET	= 2457 CY (IMPORT)

NOTE: CALCULATIONS BASED ON 18% SHRINKAGE



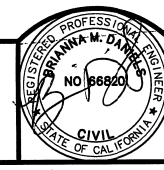
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COUNTY OF SANTA BARBARA FLOOD CONTROL
REVIEWED BY:
SIGNATURE: DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

Stantec
2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
Phone: (805) 925-2345

DESIGN_RS CHECKED
BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820

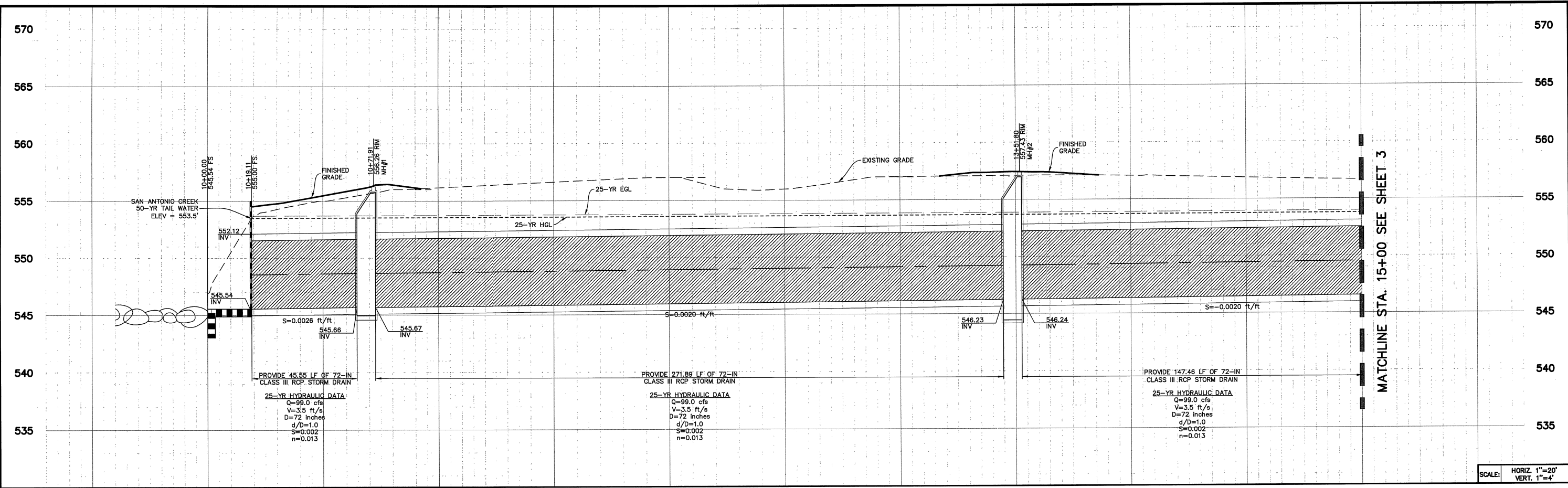


COUNTY OF SANTA BARBARA
REVIEWED BY: _____
SIGNATURE _____ DATE _____

TITLE SHEET AND GENERAL NOTES
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

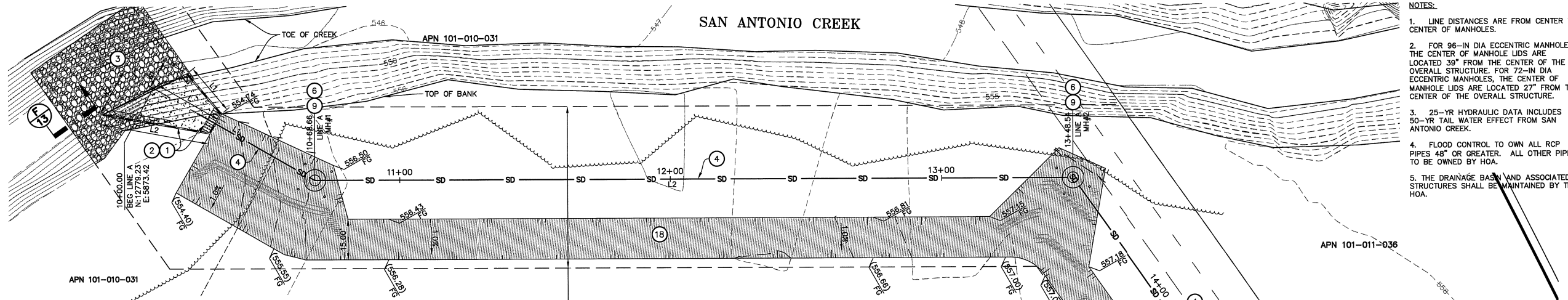
STANTEC PROJECT NO. 2064115400
SHEET 1 OF 13
PLAN DATE NOVEMBER 24, 2015

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SCALE: HORIZ. 1"=20'
VERT. 1"=4'

9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00 15+50

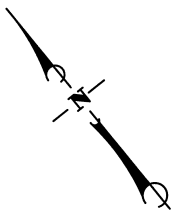
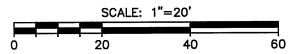


- NOTES:
1. LINE DISTANCES ARE FROM CENTER TO CENTER OF MANHOLES.
 2. FOR 96-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 39" FROM THE CENTER OF THE OVERALL STRUCTURE. FOR 72-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 27" FROM THE CENTER OF THE OVERALL STRUCTURE.
 3. 25-YR HYDRAULIC DATA INCLUDES 50-YR TAIL WATER EFFECT FROM SAN ANTONIO CREEK.
 4. FLOOD CONTROL TO OWN ALL RCP PIPES 48" OR GREATER. ALL OTHER PIPES TO BE OWNED BY HOA.
 5. THE DRAINAGE BASIN AND ASSOCIATED STRUCTURES SHALL BE MAINTAINED BY THE HOA.

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S21°11'50"E	68.66'
L2	S51°14'52"E	279.89'
L3	S33°37'32"W	390.00'

CONSTRUCTION NOTES

1. CONSTRUCT HEADWALL PER CALTRANS STANDARD PLAN DB6B, L=25.81', L1=19.54', L2=40.22' W1=10.82', W2=17.76', H VARIES 1.00' TO 7.33' PER DETAIL A, SHEET 10.
2. CONSTRUCT CABLE RAILING PER CALTRANS STANDARD PLAN B11-47, PER DETAIL A, SHEET 10.
3. GRADE OUTLET AREA AS SHOWN. INSTALL NON-GROUTED ROCK RIP-RAP LINED WITH TENSAR VMAX C350 TURF REINFORCEMENT MAT OR APPROVED EQUAL. BELOW EXISTING GRADE AS SHOWN, AND PER SECTION F, SHEET 13. ROCK SHALL BE ANGULAR AND 12"-24" IN DIAMETER.
4. PROVIDE 72-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
6. PROVIDE BOLLARD PER PLAN AND DETAIL D, SHEET 11.
9. PROVIDE CONCRETE ECCENTRIC MANHOLE PER DETAIL C, SPPWC STANDARD PLAN 320-2, SHEET 11. MANHOLE COVERS SHALL BE BOLTED. PROVIDE CONCRETE COLLAR FOR STORM DRAIN MANHOLES PER DETAIL C, SHEET 11.
18. CONSTRUCT 6" MINIMUM CLASS II AGGREGATE BASE RANCH ROAD OVER 1' MINIMUM COMPACTED FILL PER DETAIL J, SHEET 12. WIDTH PER PLAN.



MATCHLINE STA. 15+00 SEE SHEET 3



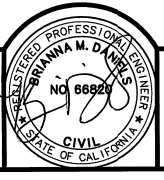
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COUNTY OF SANTA BARBARA FLOOD CONTROL
REVIEWED BY: *[Signature]* DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

Stantec
2846 Santa Maria Way, Suite 107, Santa Maria, CA 93455
Phone: (805) 925-2345

DESIGN: RS CHECKED: BD
BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820

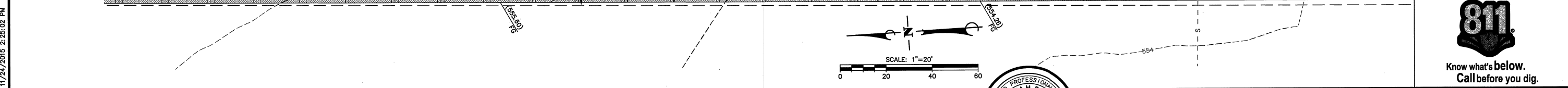
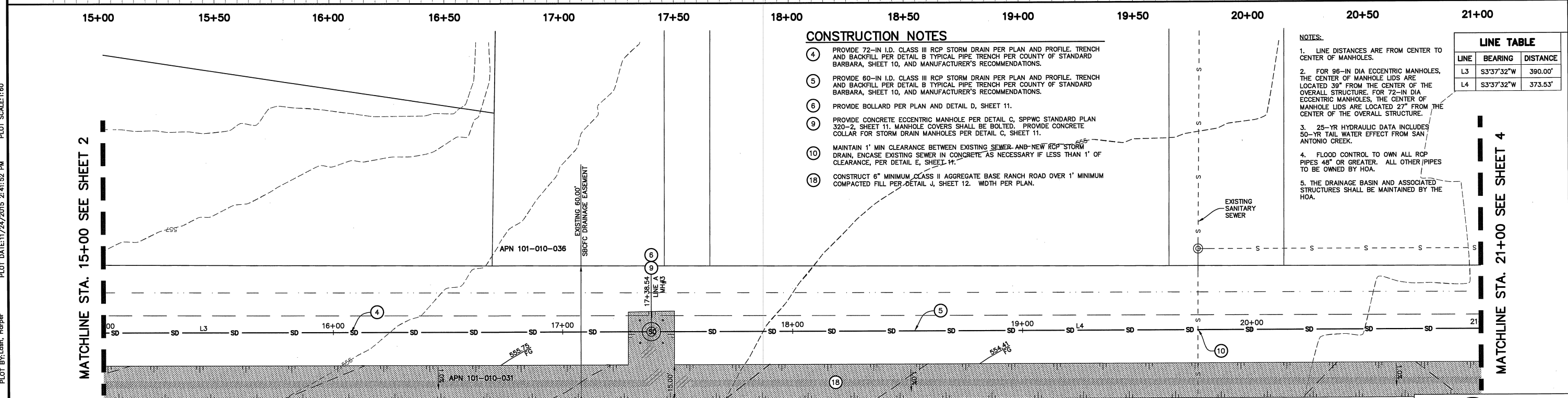
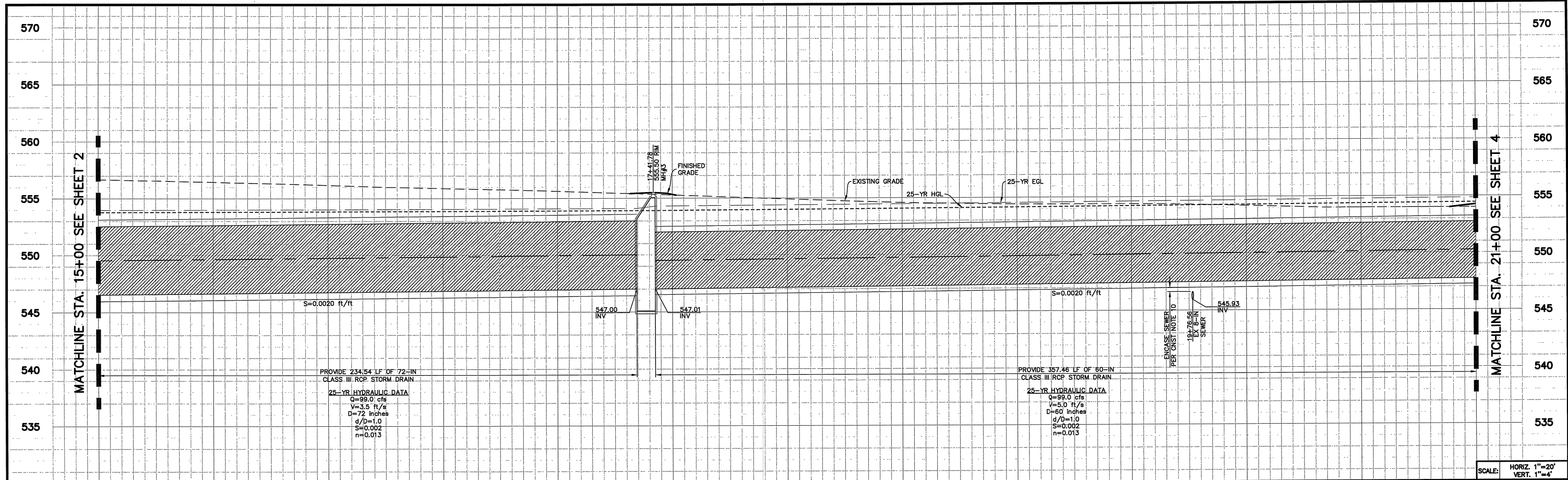


COUNTY OF SANTA BARBARA
REVIEWED BY: _____ DATE: _____
SIGNATURE: _____

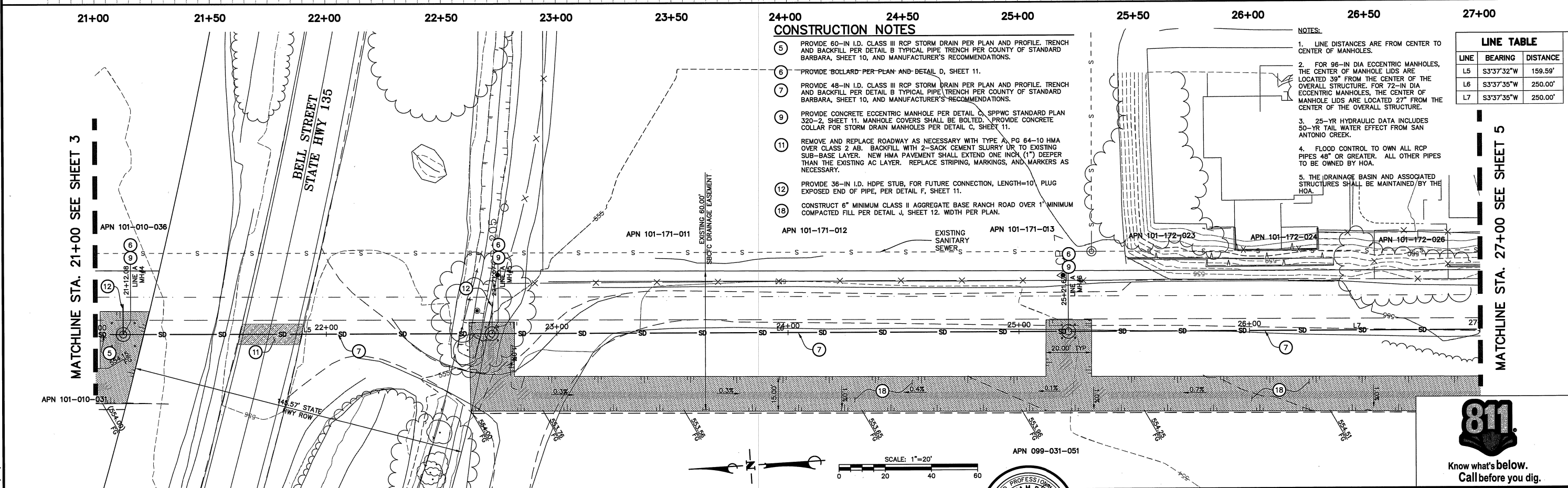
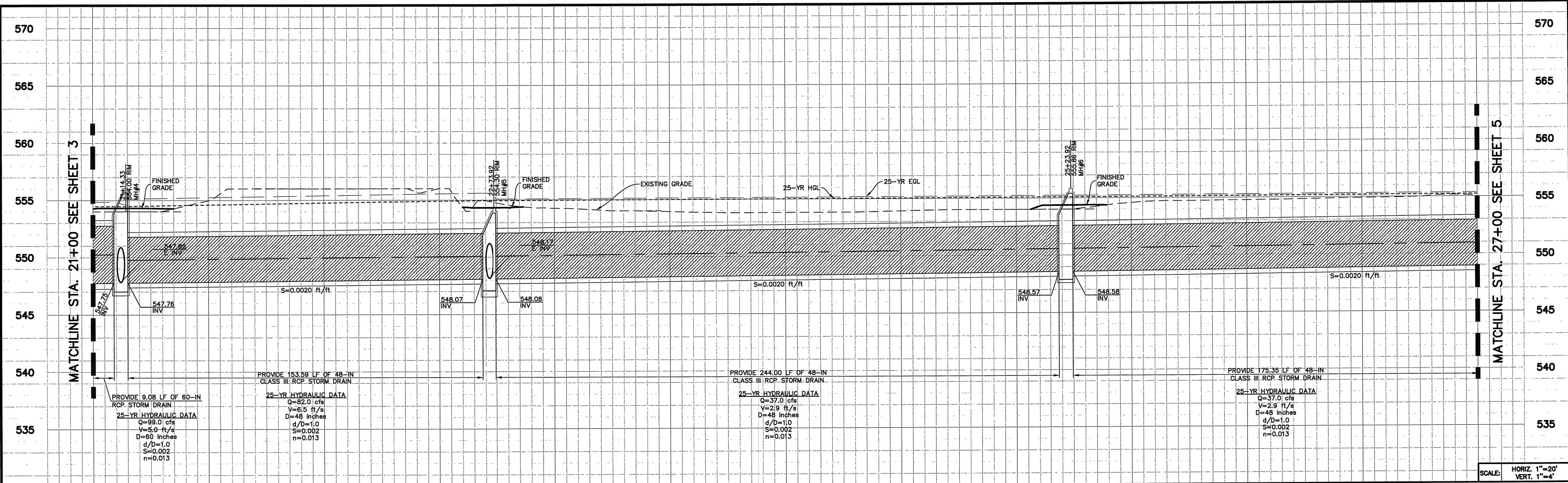
GRADING AND DRAINAGE, 1 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 2 OF 13
PLAN DATE NOVEMBER 24, 2015

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COUNTY OF SANTA BARBARA FLOOD CONTROL REVIEWED BY: <i>[Signature]</i> SIGNATURE: <i>[Signature]</i> DATE: 12-4-15	NO. DATE REVISIONS APPD.	Stantec 2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455 Phone: (805) 925-2345	DESIGN: RS CHECKED: BD BRIANNA M. DANIELS DATE: 12-4-15 PROJECT ENGINEER R.C.E. 66820	COUNTY OF SANTA BARBARA REVIEWED BY: _____ SIGNATURE: _____ DATE: _____	GRADING AND DRAINAGE, 2 OF 8 OFFSITE STORM DRAIN IMPROVEMENTS LEGACY ESTATES TRACT NO. 14,608 LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA	STANTEC PROJECT NO. 2064115400 SHEET 3 OF 13 PLAN DATE NOVEMBER 24, 2015
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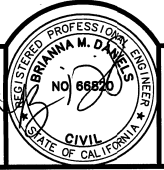
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COUNTY OF SANTA BARBARA FLOOD CONTROL		NO.	DATE	REVISIONS	APPD.
REVIEWED BY:					
SIGNATURE	12-4-15				
	DATE				

Stantec
2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
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BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820

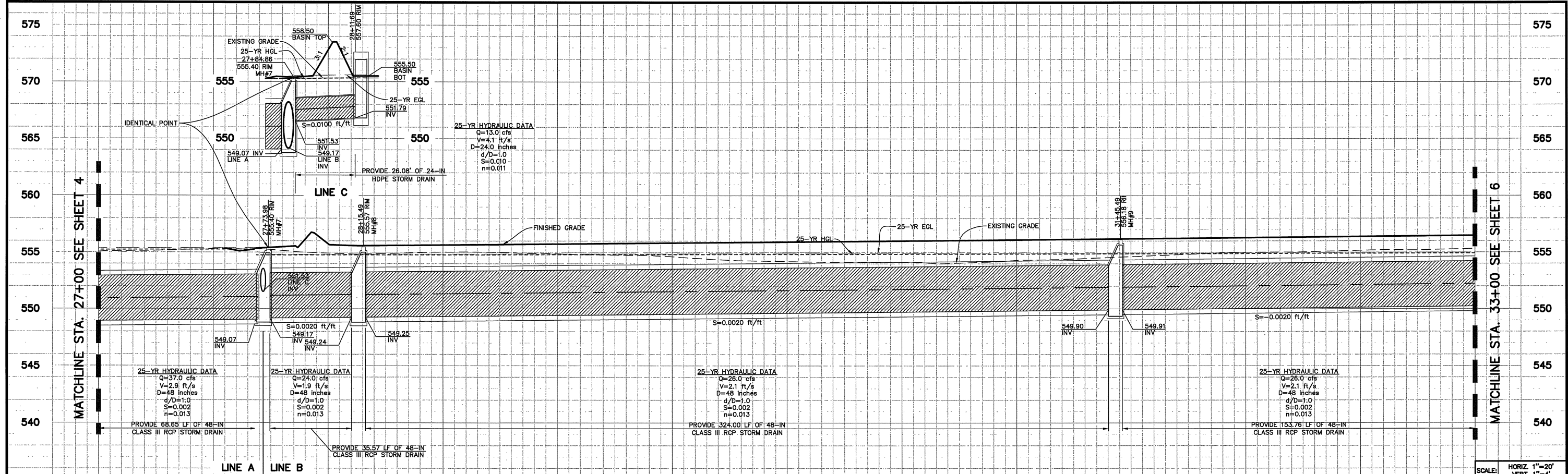


COUNTY OF SANTA BARBARA
REVIEWED BY:
SIGNATURE _____ DATE _____

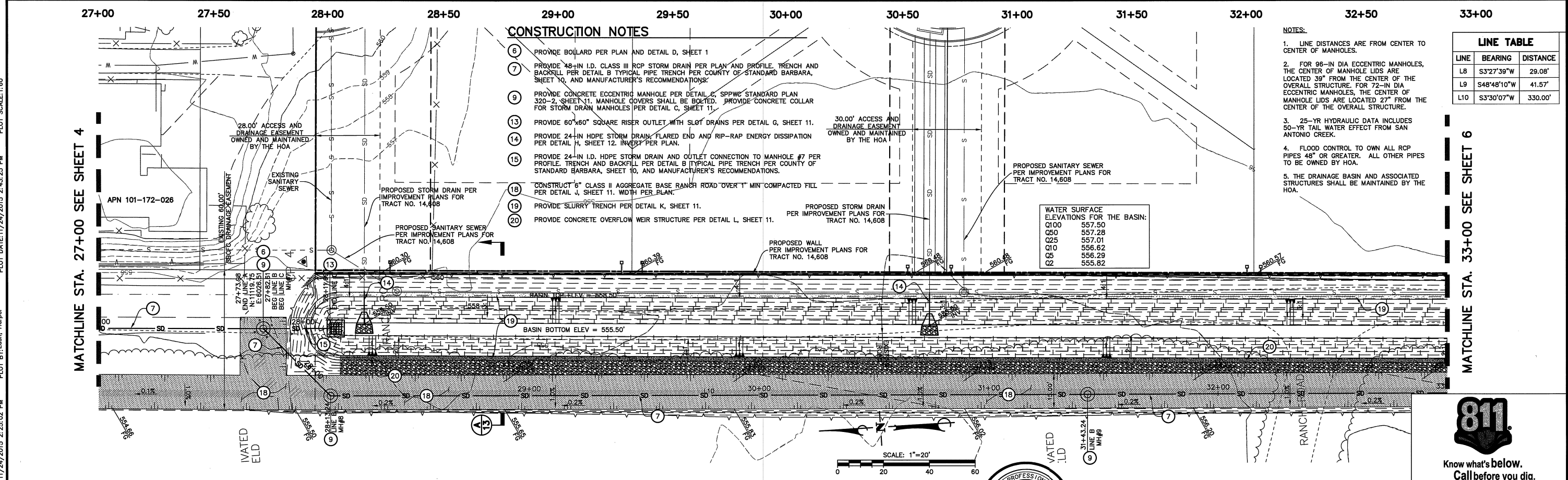
811
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STANTEC PROJECT NO. 2064115400
SHEET 4 OF 13
PLAN DATE NOVEMBER 24, 2015

GRADING AND DRAINAGE, 3 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA



SCALE: HORIZ. 1"=20'
 VERT. 1"=4'



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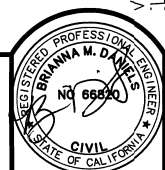
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NO.	DATE	REVISIONS	APPD.

REVIEWED BY: *[Signature]* DATE: 12-4-15

Stantec
 2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
 Phone: (805) 925-2345

DESIGN: RS CHECKED: *[Signature]*
 BRIANNA M. DANIELS DATE: 12-4-15
 PROJECT ENGINEER
 R.C.E. 66820

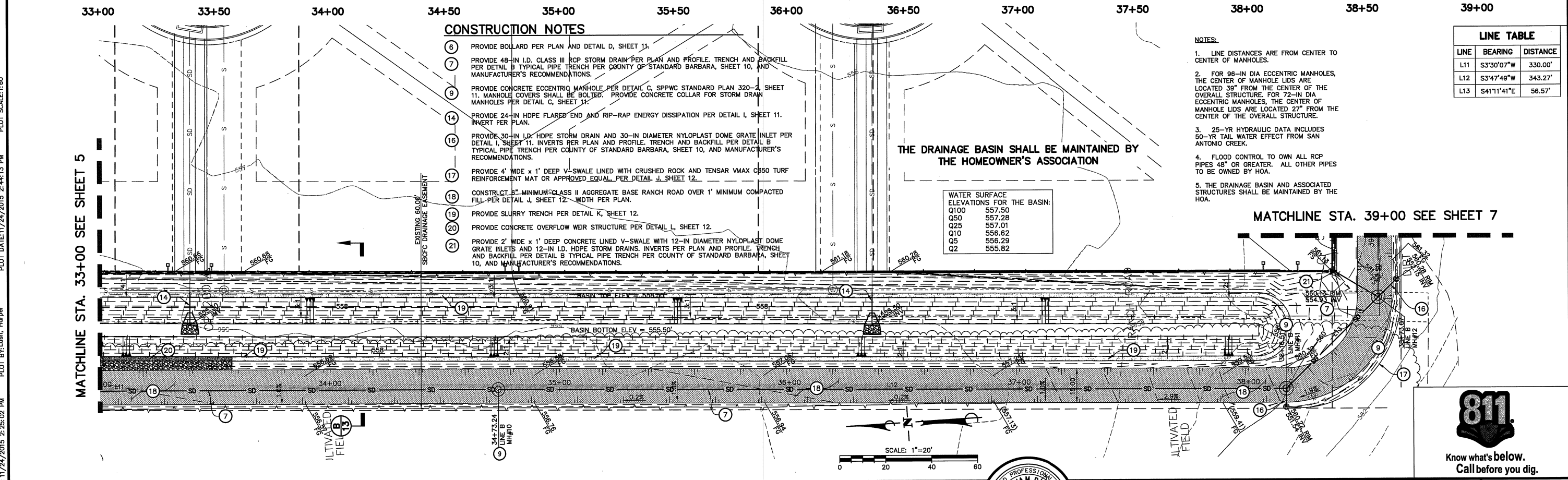
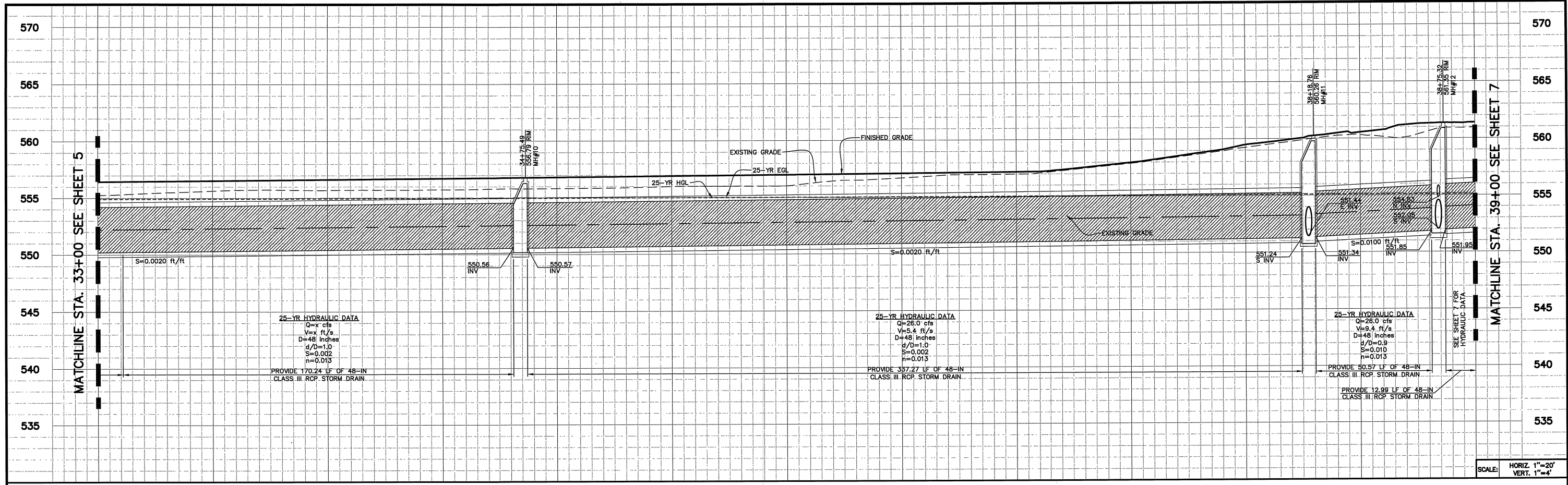


COUNTY OF SANTA BARBARA
 REVIEWED BY: _____
 SIGNATURE _____ DATE _____

GRADING AND DRAINAGE, 4 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
 LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
 SHEET 5 OF 13
 PLAN DATE: NOVEMBER 24, 2015





- CONSTRUCTION NOTES**
- 6 PROVIDE BOLLARD PER PLAN AND DETAIL D, SHEET 11.
 - 7 PROVIDE 48-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
 - 9 PROVIDE CONCRETE ECCENTRIC MANHOLE PER DETAIL C, SPPWC STANDARD PLAN 320-2, SHEET 11. MANHOLE COVERS SHALL BE BOLTED. PROVIDE CONCRETE COLLAR FOR STORM DRAIN MANHOLES PER DETAIL C, SHEET 11.
 - 14 PROVIDE 24-IN HDPE FLARED END AND RIP-RAP ENERGY DISSIPATION PER DETAIL I, SHEET 11. INVERT PER PLAN.
 - 16 PROVIDE 30-IN I.D. HDPE STORM DRAIN AND 30-IN DIAMETER NYLOPLAST DOME GRATE INLET PER DETAIL I, SHEET 11. INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
 - 17 PROVIDE 4' WIDE x 1' DEEP V-SWALE LINED WITH CRUSHED ROCK AND TENSAR VMAX CB50 TURF REINFORCEMENT MAT OR APPROVED EQUAL PER DETAIL J, SHEET 12.
 - 18 CONSTRUCT 6" MINIMUM CLASS II AGGREGATE BASE RANCH ROAD OVER 1' MINIMUM COMPACTED FILL PER DETAIL J, SHEET 12. WIDTH PER PLAN.
 - 19 PROVIDE SLURRY TRENCH PER DETAIL K, SHEET 12.
 - 20 PROVIDE CONCRETE OVERFLOW WEIR STRUCTURE PER DETAIL L, SHEET 12.
 - 21 PROVIDE 2' WIDE x 1' DEEP CONCRETE LINED V-SWALE WITH 12-IN DIAMETER NYLOPLAST DOME GRATE INLETS AND 12-IN I.D. HDPE STORM DRAINS. INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.

- NOTES:**
1. LINE DISTANCES ARE FROM CENTER OF MANHOLES.
 2. FOR 96-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 39" FROM THE CENTER OF THE OVERALL STRUCTURE. FOR 72-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 27" FROM THE CENTER OF THE OVERALL STRUCTURE.
 3. 25-YR HYDRAULIC DATA INCLUDES 50-YR TAIL WATER EFFECT FROM SAN ANTONIO CREEK.
 4. FLOOD CONTROL TO OWN ALL RCP PIPES 48" OR GREATER. ALL OTHER PIPES TO BE OWNED BY HOA.
 5. THE DRAINAGE BASIN AND ASSOCIATED STRUCTURES SHALL BE MAINTAINED BY THE HOA.

LINE TABLE

LINE	BEARING	DISTANCE
L11	S3°30'07"W	330.00'
L12	S3°47'49"W	343.27'
L13	S41°11'41"E	56.57'

36-PP1 SAVE DATE: 11/24/2015 2:25:02 PM PLOT BY: Leah, Harper PLOT DATE: 11/24/2015 2:44:13 PM PLOT SCALE: 1:60

MATCHLINE STA. 33+00 SEE SHEET 5

MATCHLINE STA. 39+00 SEE SHEET 7

SCALE: HORIZ. 1"=20'
VERT. 1"=4'

MATCHLINE STA. 39+00 SEE SHEET 7

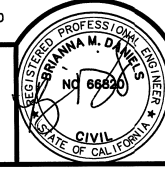


COUNTY OF SANTA BARBARA FLOOD CONTROL
REVIEWED BY: *[Signature]*
SIGNATURE DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

Stantec
2646 Santa Maria Way, Suite 107, Santa Maria, CA 93456
Phone: (805) 925-2345

DESIGN_RS CHECKED BD
BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820

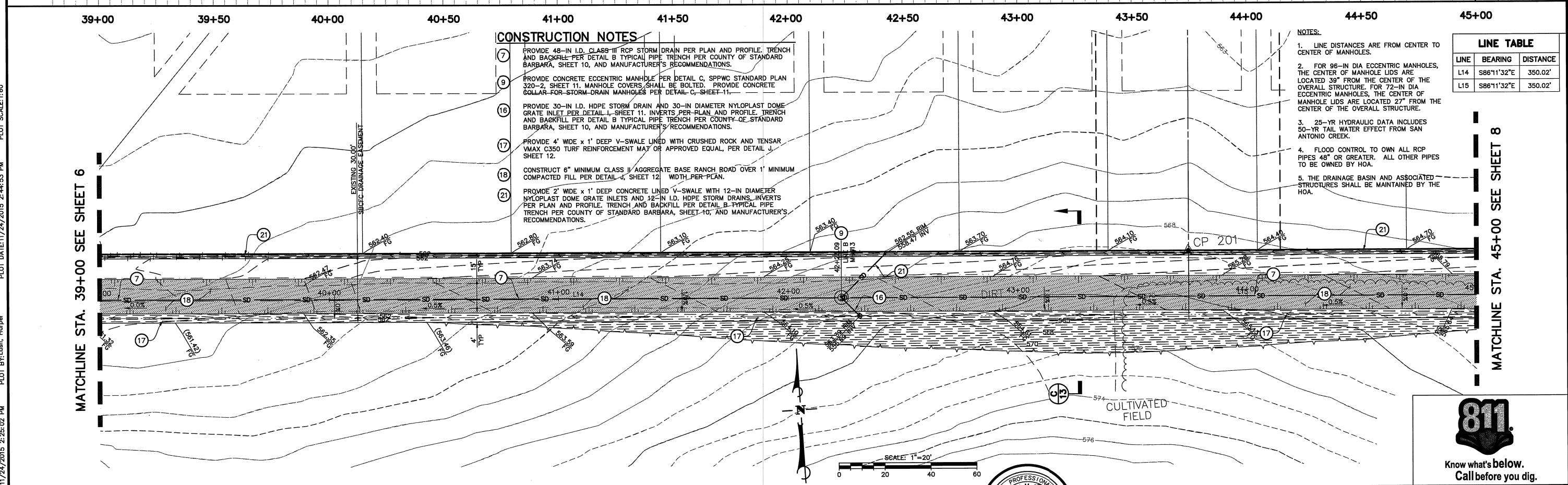
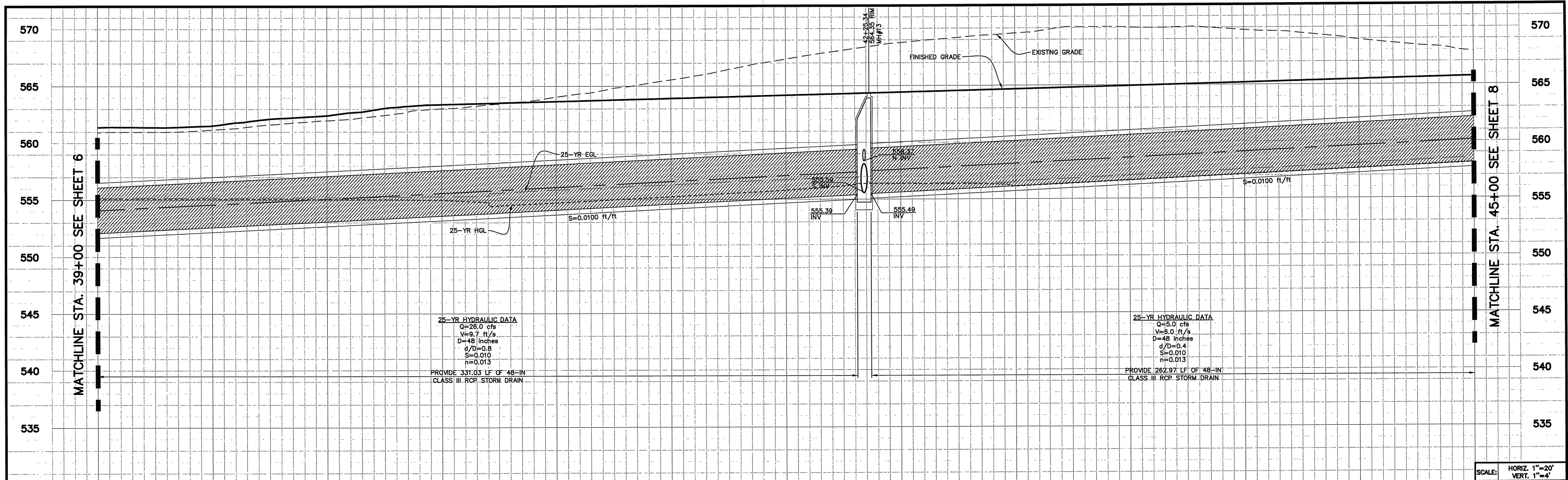


COUNTY OF SANTA BARBARA
REVIEWED BY: _____
SIGNATURE DATE: _____

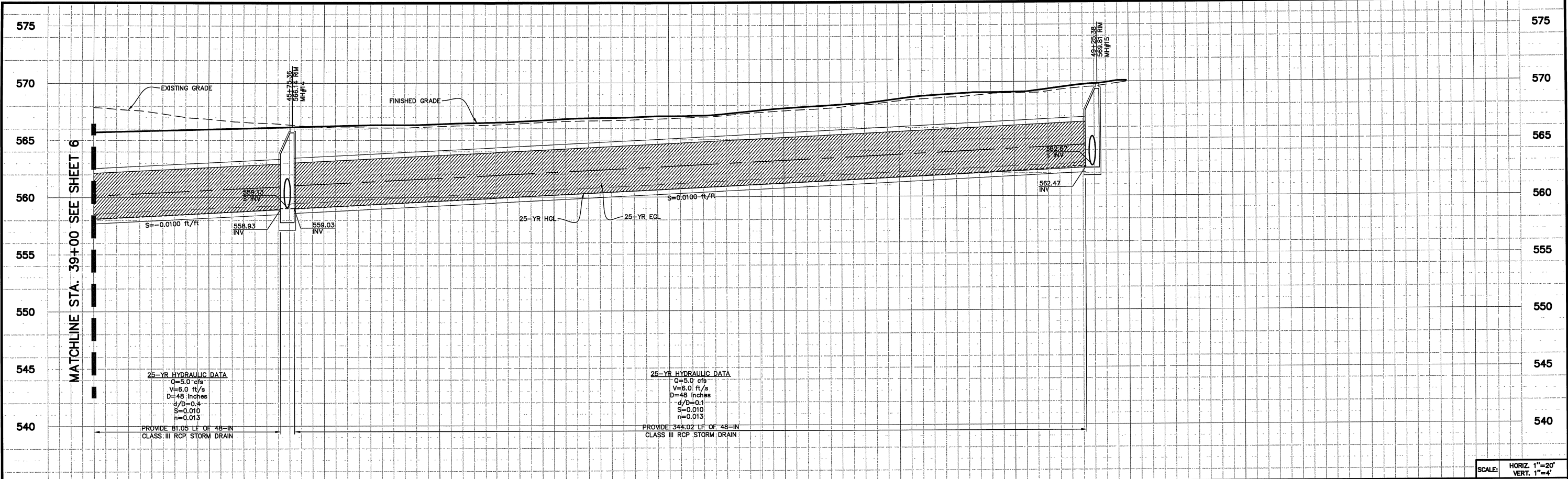
GRADING AND DRAINAGE, 5 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 6 OF 13
PLAN DATE NOVEMBER 24, 2015

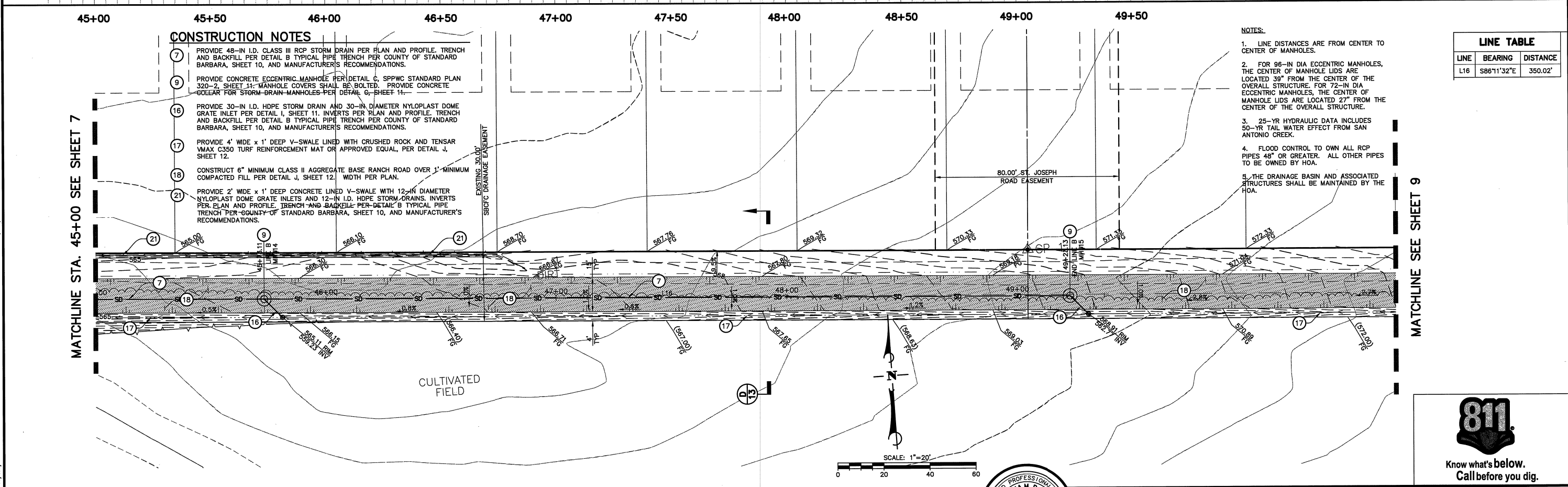
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COUNTY OF SANTA BARBARA FLOOD CONTROL REVIEWED BY: SIGNATURE: DATE: 12-4-15	NO. DATE REVISIONS APPD.	 2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455 Phone: (805) 925-2345	DESIGN_RS CHECKED BA BRIANNA M. DANIELS DATE: 12-4-15 PROJECT ENGINEER R.C.E. 66820	COUNTY OF SANTA BARBARA REVIEWED BY: _____ SIGNATURE _____ DATE _____	GRADING AND DRAINAGE, 6 OF 8 OFFSITE STORM DRAIN IMPROVEMENTS LEGACY ESTATES TRACT NO. 14,608 LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA	STANTEC PROJECT NO. 2064115400 SHEET 7 OF 13 PLAN DATE NOVEMBER 24, 2015
	35-PP1 SAVE DATE: 11/24/2015 2:25:02 PM PLOT DATE: 11/24/2015 2:44:53 PM PLOT SCALE: 1:80			<p>Know what's below. Call before you dig.</p>		



SCALE: HORIZ. 1"=20'
VERT. 1"=4'



CONSTRUCTION NOTES

- 7 PROVIDE 48-IN I.D. CLASS III RCP STORM DRAIN PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
- 9 PROVIDE CONCRETE ECCENTRIC MANHOLE PER DETAIL C, SPPWC STANDARD PLAN 320-2, SHEET 11. MANHOLE COVERS SHALL BE BOLTED. PROVIDE CONCRETE COLLAR FOR STORM-DRAIN-MANHOLE PER DETAIL G, SHEET 11.
- 16 PROVIDE 30-IN I.D. HDPE STORM DRAIN AND 30-IN DIAMETER NYLOPLAST DOME GRATE INLET PER DETAIL I, SHEET 11. INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.
- 17 PROVIDE 4' WIDE x 1' DEEP V-SWALE LINED WITH CRUSHED ROCK AND TENSAR VMAX C350 TURF REINFORCEMENT MAT OR APPROVED EQUAL, PER DETAIL J, SHEET 12.
- 18 CONSTRUCT 6" MINIMUM CLASS II AGGREGATE BASE RANCH ROAD OVER 1' MINIMUM COMPACTED FILL PER DETAIL J, SHEET 12. WIDTH PER PLAN.
- 21 PROVIDE 2' WIDE x 1' DEEP CONCRETE LINED V-SWALE WITH 12-IN DIAMETER NYLOPLAST DOME GRATE INLETS AND 12-IN I.D. HDPE STORM DRAINS. INVERTS PER PLAN AND PROFILE. TRENCH AND BACKFILL PER DETAIL B TYPICAL PIPE TRENCH PER COUNTY OF STANDARD BARBARA, SHEET 10, AND MANUFACTURER'S RECOMMENDATIONS.

- NOTES:**
1. LINE DISTANCES ARE FROM CENTER TO CENTER OF MANHOLES.
 2. FOR 96-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 39" FROM THE CENTER OF THE OVERALL STRUCTURE. FOR 72-IN DIA ECCENTRIC MANHOLES, THE CENTER OF MANHOLE LIDS ARE LOCATED 27" FROM THE CENTER OF THE OVERALL STRUCTURE.
 3. 25-YR HYDRAULIC DATA INCLUDES 50-YR TAIL WATER EFFECT FROM SAN ANTONIO CREEK.
 4. FLOOD CONTROL TO OWN ALL RCP PIPES 48" OR GREATER. ALL OTHER PIPES TO BE OWNED BY HOA.
 5. THE DRAINAGE BASIN AND ASSOCIATED STRUCTURES SHALL BE MAINTAINED BY THE HOA.

LINE TABLE		
LINE	BEARING	DISTANCE
L16	S86°11'32"E	350.02'

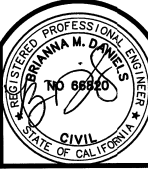
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COUNTY OF SANTA BARBARA FLOOD CONTROL
REVIEWED BY: *[Signature]*
SIGNATURE DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

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Phone: (805) 925-2345

DESIGN: RS CHECKED: PD
BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820



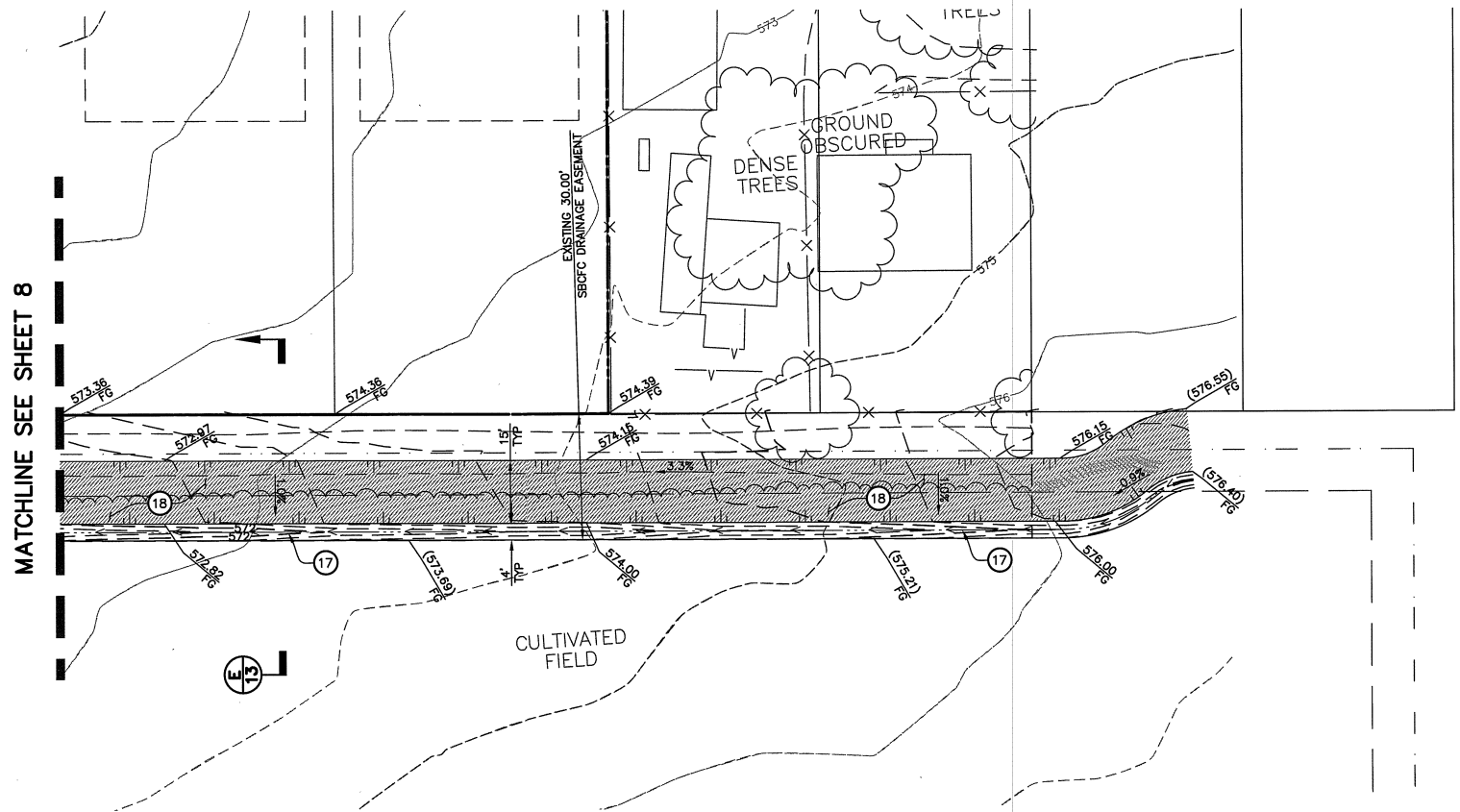
COUNTY OF SANTA BARBARA
REVIEWED BY: _____
SIGNATURE DATE

GRADING AND DRAINAGE, 7 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 8 OF 13
PLAN DATE NOVEMBER 24, 2015

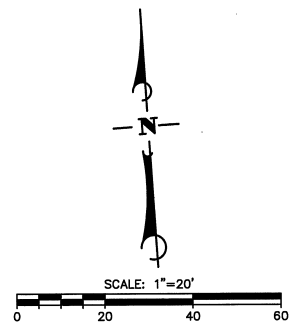


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- CONSTRUCTION NOTES**
- ⑰ PROVIDE 4' WIDE x 1' DEEP V-SWALE LINED WITH CRUSHED ROCK AND TENSAR VMAX G350 TURF REINFORCEMENT MAT OR APPROVED EQUAL, PER DETAIL J, SHEET 12.
 - ⑱ CONSTRUCT 6" MINIMUM CLASS II AGGREGATE BASE RANCH ROAD OVER 1' MINIMUM COMPACTED FILL PER DETAIL J, SHEET 12. WIDTH PER PLAN.

MATCHLINE SEE SHEET 8



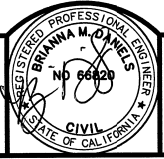
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COUNTY OF SANTA BARBARA FLOOD CONTROL
 REVIEWED BY: *[Signature]*
 SIGNATURE DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

Stantec
 2646 Santa Maria Way, Suite 107, Santa Maria, CA 93465
 Phone: (805) 925-2345

DESIGN RS CHECKED BD
 BRIANNA M. DANIELS DATE: 12-4-15
 PROJECT ENGINEER
 R.C.E. 66820



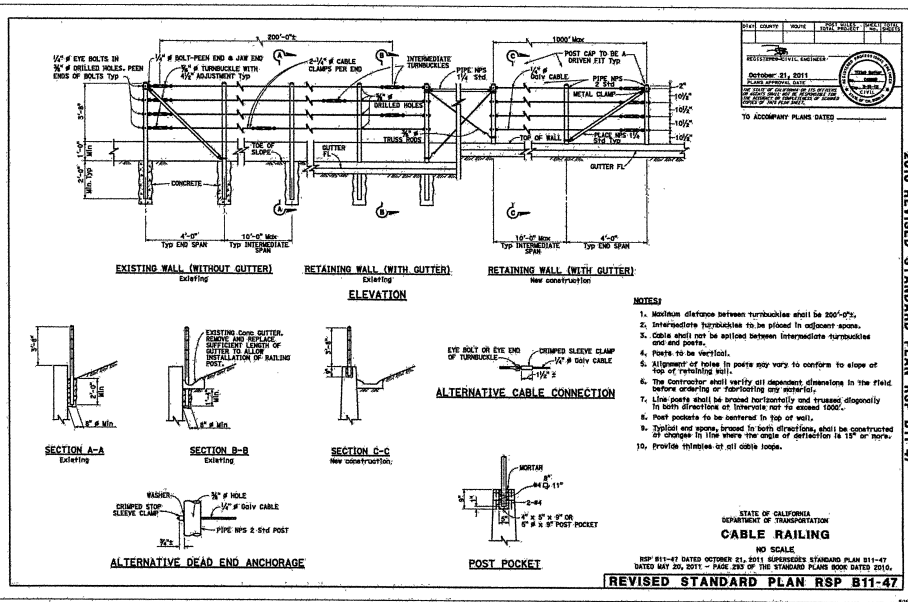
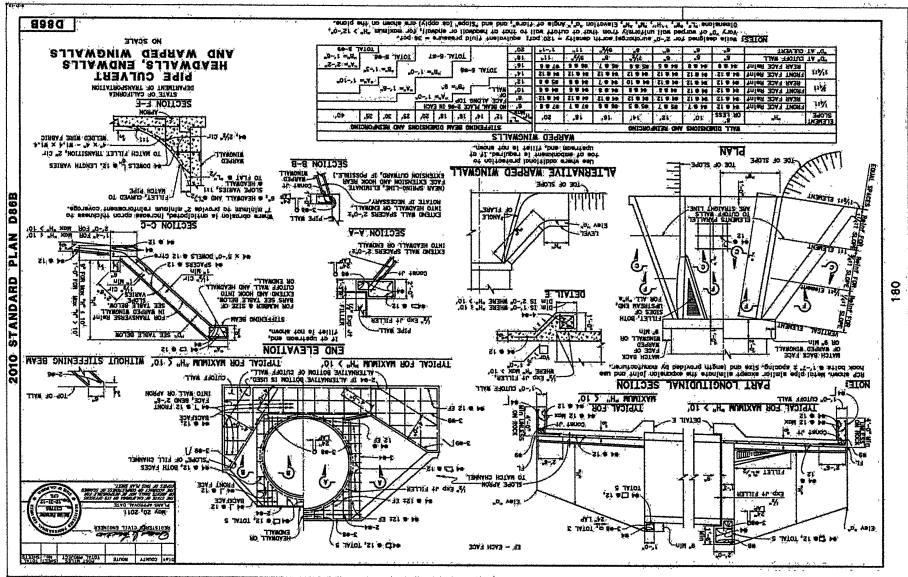
COUNTY OF SANTA BARBARA
 REVIEWED BY: _____
 SIGNATURE DATE

GRADING AND DRAINAGE, 8 OF 8
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
 LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 9 OF 13
PLAN DATE NOVEMBER 24, 2015



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- NOTES:**
1. ALL WORK WITHIN CREEK SHALL BE KEPT AT OR BELOW EXISTING GRADE.
 2. HEADWALL: L=25.81', L1=19.54', L2=40.22' W1=10.82', W2=17.76', H VARIES 1.00' TO 7.33'.
 3. PROVIDE CABLE RAILING ON THE ENTIRE LENGTH OF THE HEADWALL. THE CABLE RAILING ON THE TOP PORTION OF THE HEADWALL SHALL BE REMOVABLE BY USING SLEEVES FOR THE POLES AND DETACHABLE CABLES ON ONE SIDE.
 4. PROVIDE 1 1/4" DIA EYEBOLT (WITH 2 1/2" EYE) WELDED TO THE TRASH RACK.

(REFER TO 1-010 FOR ADDITIONAL NOTES)

1. CAL-OSHA AND OSHA CONSTRUCTION SAFETY ORDERS FOR TRENCH REQUIREMENTS SHALL BE MET FOR ALL TRENCH OPERATIONS.
2. TRENCHES SHALL BE EXCAVATED DEEP ENOUGH TO ASSURE AT LEAST 2.5' OF COVER FOR THE UNDERGROUND FACILITY. OVER-EXCAVATION MAY BE REQUIRED TO ACHIEVE A STABLE, EVEN FLOOR IN THE TRENCH, AND EXTRA BEDDING MATERIAL PLACED TO PROVIDE A SUITABLE FOUNDATION FOR THE FACILITY.
3. ALL TRENCH BEDDING MATERIAL SHALL COMPLY WITH CALTRANS STANDARD SPECIFICATIONS, SECTION 19-3.
4. NO PONDING, JETTING, OR FLOODING IS PERMITTED UNDER EXISTING ROADS. IN OTHER AREAS, SUCH METHODS MUST BE APPROVED BY THE COUNTY ENGINEER.
5. ALL UTILITIES SHALL BE INSPECTED, TESTED, AND VERIFIED TO THE COUNTY ENGINEER PRIOR TO PLACEMENT OF TRENCH BACKFILL. STREET IMPROVEMENT PLANS SHALL BE SIGNED BY THE UTILITY COMPANIES AND THE COUNTY FIRE DEPARTMENT.
6. WHERE A TRENCH CROSSES UNDER AN EXISTING UTILITY, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPPORT AND AVOID ANY DISTURBANCE OF THE UTILITY. BACKFILLING MUST INCLUDE PREPARING A NEW BED FOR THE EXISTING UTILITY AND PERFORMING COMPACTION TESTS.
7. MAXIMUM DENSITY AND OPTIMUM MOISTURE TESTS MUST BE MADE FOR ALL BACKFILL AND BEDDING MATERIALS EXCEPT CEMENT SLURRY OR 3/4" WASHED CRUSHED ROCK.
8. FOR TRENCHES LESS THAN 6.0' DEEP AS MEASURED FROM FINISHED GRADE TO FLOOR, ONE COMPACTION TEST SHALL BE MADE FOR EACH 50' OF TRENCH. TESTS SHALL BE MADE AT VARIOUS DEPTHS OF BACKFILL.
9. FOR TRENCHES 6.0' OR MORE DEEP AS MEASURED FROM FINISHED GRADE TO FLOOR, TWO COMPACTION TESTS SHALL BE MADE FOR EACH 50' OF TRENCH. TESTS SHALL BE MADE AT VARIOUS DEPTHS OF BACKFILL.
10. EVERY LATERAL UTILITY TRENCH SHALL BE TESTED FOR COMPACTION AT THE SAME SCHEDULE AS THE MAIN TRENCH.
11. PAVING MATERIAL SHALL BE ASPHALTIC CONCRETE PER 1-100. NOTE 16. IT SHALL BE 6" THICK AFTER COMPACTION.
12. ASPHALT PAVING SHALL BE RESTORED WITH A "FOG" SEAL IN CONFORMANCE WITH COUNTY SPECIFICATIONS FOR ITS "FOG" SEAL PROGRAM OF CURRENT DATE. FOG SEALING SHALL EITHER BE A) BONDED FOR AND COMPLETED AFTER SIX MONTHS AND PRIOR TO ONE YEAR FROM THE START OF THE WARRANTY PERIOD, OR B) A PAYMENT SHALL BE MADE TO THE COUNTY BASED ON THE COUNTY'S COST TO PERFORM THE FOG SEAL PLUS 15% FOR ADMINISTRATION AND INSPECTION. PAYMENT SHALL BE MADE PRIOR TO THE ENCROACHMENT PERMIT ISSUANCE.
13. WHERE ASPHALT IS SHOWING SIGNS OF DAMAGE OR WEAR, THE COUNTY ENGINEER MAY REQUIRE A TYPE II SLURRY SEAL INSTEAD OF "FOG" SEAL.

COUNTY OF SANTA BARBARA, CA - DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION APPROVED BY: *[Signature]* 1/1/2011

2-010 GENERAL TRENCH NOTES

(REFER TO 2-010 FOR ADDITIONAL NOTES)

1. ALL TRENCH WORK ON EXISTING PAVED ROADS SHALL COMPLY WITH THIS STANDARD.
2. PAVEMENT SHALL BE SAW CUT 2' WIDER THAN THE WIDTH OF THE TRENCH PRIOR TO EXCAVATION. RECUT MAY BE NEEDED WHERE TRENCH EDGE IS NOT SOLID AS DETERMINED BY THE COUNTY ENGINEER.
3. BEDDING DETAILS SHALL COMPLY WITH SBCCO STD 2-020.
4. BACKFILL MATERIAL UNDER EXISTING ROADS SHALL BE SLURRY CEMENT MEETING CALTRANS STANDARD SPECIFICATIONS, SECTION 19, FOR MATERIALS AND SHALL BE MIXED WITH 1 SACK OF CEMENT PER CUBIC YARD.
5. IF THE EDGE OF THE TRENCH IS WITHIN 4' OF THE EXISTING EDGE OF PAVEMENT (EP), THE SAWCUT SHALL BE MADE AT THE EP OR GUTTER AS SHOWN IN SECTION B.

COUNTY OF SANTA BARBARA, CA - DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION APPROVED BY: *[Signature]* 1/1/2011

2-030 TRENCHES FOR EXISTING PAVED ROADS

(REFER TO 2-010 FOR ADDITIONAL NOTES)

1. TRENCH WIDTH SHALL BE SUFFICIENT TO FULLY ENCLOSE THE PIPE AND ALLOW COMPACTION TESTING AT THE SPRING LINE.
2. BEDDING MATERIAL FOR UTILITY TRENCHES SHALL MEET THE STANDARDS OF THE UTILITY COMPANY INVOLVED.
3. BEDDING MATERIAL FOR HDPE, RCP AND CMP SHALL FOLLOW THE MANUFACTURER'S RECOMMENDATIONS AND SHALL BE COMPACTION TO 95% RELATIVE COMPACTION. FILL MUST BE PLACED IN LIFTS NO LARGER THAN 8" TO FACILITATE COMPACTION. FOR CMP PIPE, THE BEDDING MATERIAL SHALL BE TESTED FOR A NEUTRAL pH.
4. THE THICKNESS OF THE LAYER OF BEDDING UNDER THE PIPE SHALL BE AT LEAST 4" OR 10% OF THE PIPE DIAMETER, WHICHEVER IS LARGER.
5. BEDDING MATERIAL SHALL COMPLETELY COVER THE PIPE TO A MINIMUM HEIGHT OF 6" AFTER COMPACTION.
6. CARE MUST BE TAKEN TO PLACE THE BEDDING EVENLY UNDER THE LENGTH OF THE PIPE TO ASSURE ADEQUATE SUPPORT. COMPACTION TESTING IS REQUIRED AT THE SPRINGLINE OF THE PIPE WHEN SAND IS USED AS BEDDING MATERIAL.
7. BACKFILL MATERIAL SHALL MEET THE REQUIREMENTS OF SBCCO STD 2-030 AND 2-040
8. SEE NOTE 2 ON 2-010

COUNTY OF SANTA BARBARA, CA - DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION APPROVED BY: *[Signature]* 1/1/2011

2-020 PIPE BEDDING DETAILS

(REFER TO 2-010 FOR ADDITIONAL NOTES)

1. ALL TRENCH WORK FOR NEW ROADS AND FOR SHOULDERS WITHIN 30' OF PAVEMENT SHALL COMPLY WITH THIS STANDARD.
2. BEDDING DETAILS SHALL COMPLY WITH SBCCO STD. 2-020.
3. TRENCH BACKFILL SHALL BE NATIVE, IMPORT, OR A MIXTURE OF THE TWO, FREE OF ORGANIC MATTER AND DEBRIS, AND WITH NO ROCKS OR CLUMPS LARGER THAN 3" WITH A SAND EQUIVALENT VALUE OF 20 OR GREATER.
4. BACKFILL SHALL BE COMPACTION TO 95% RELATIVE COMPACTION.
5. REFER TO SECTION 6 FOR THICKNESS OF THE ROAD SECTION
6. EARTHY MATERIAL SHALL MEET THE REQUIREMENTS OF SBCCO STD. 2-050.

COUNTY OF SANTA BARBARA, CA - DEPARTMENT OF PUBLIC WORKS - TRANSPORTATION APPROVED BY: *[Signature]* 1/1/2011

2-040 TRENCHES FOR NEW ROADS

B TYPICAL PIPE TRENCH - COUNTY OF SANTA BARBARA STANDARD DETAILS
SCALE: NTS

A HEADWALL AND CABLE RAILING - CALTRANS STANDARD PLANS D86B AND B11-47
SCALE: NTS

36-ENG SAVE DATE: 11/24/2015 2:25:02 PM PLOT BY: Leah, Harper PLOT DATE: 11/24/2015 2:46:10 PM

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COUNTY OF SANTA BARBARA FLOOD CONTROL
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Stantec
2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
Phone: (805) 925-2345

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BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820



COUNTY OF SANTA BARBARA
REVIEWED BY: _____
SIGNATURE DATE

DETAILS, 1 OF 3
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 10 OF 13
PLAN DATE NOVEMBER 24, 2015



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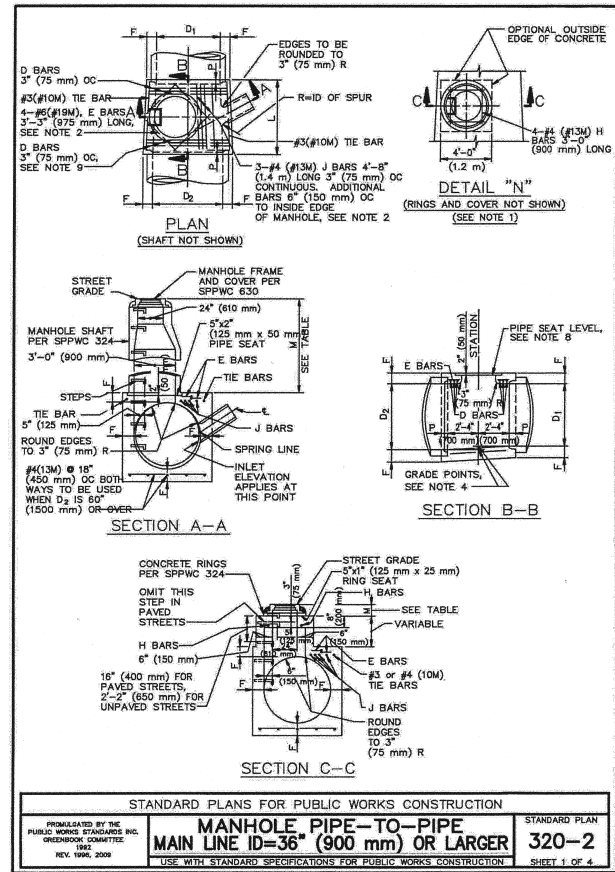


TABLE OF VALUES FOR F

D ₂	F
36" (900 mm)	6 1/2" (165 mm)
39" (975 mm)	7" (180 mm)
42" (1050 mm)	7 1/2" (190 mm)
45" (1125 mm)	7 3/4" (195 mm)
48" (1200 mm)	8" (205 mm)
51" (1275 mm)	8 1/2" (215 mm)
54" (1350 mm)	9" (230 mm)
57" (1425 mm)	9 1/4" (235 mm)
60" (1500 mm)	9 1/2" (240 mm)
63" (1575 mm)	10" (255 mm)
66" (1650 mm)	10 1/4" (260 mm)
69" (1725 mm)	10 3/4" (275 mm)
72" (1800 mm)	11" (280 mm)
78" (1950 mm)	11 3/4" (300 mm)
84" (2100 mm)	12 1/2" (320 mm)
90" (2250 mm)	13 1/4" (335 mm)
96" (2400 mm)	14" (355 mm)
102" (2550 mm)	15 1/2" (395 mm)
108" (2700 mm)	16" (405 mm)
114" (2850 mm)	16 1/2" (420 mm)
120" (3000 mm)	17" (430 mm)
126" (3150 mm)	17" (430 mm)
132" (3300 mm)	17 1/2" (445 mm)
138" (3450 mm)	17 1/2" (445 mm)
144" (3600 mm)	18" (455 mm)

TABLE OF VALUES FOR M (SEE NOTE 1)

SECTION	PAVED STREET		UNPAVED STREET	
	MAX	MIN	MAX	MIN
A-A	2'-10 1/2" (867 mm)		3'-6" (1060 mm)	
C-C	11" (282 mm)	8 1/2" (217 mm)	16" (410 mm)	15" (380 mm)

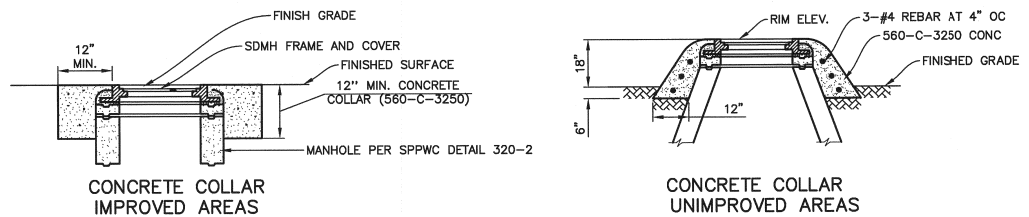
- NOTES
- WHEN DEPTH M FROM STREET GRADE TO THE TOP OF THE BOX IS LESS THAN 2'-10 1/2" (867 mm) FOR PAVED STREETS OR 3'-6" (1060 mm) FOR UNPAVED STREETS, CONSTRUCT MONOLITHIC SHAFT PER SECTION C-C AND DETAIL "N". SHAFT FOR ANY DEPTH OF MANHOLE MAY BE CONSTRUCTED PER SECTION C-C, WHEN DIAMETER D₁ IS 48" (1200 mm) OR LESS, CENTER OF SHAFT MAY BE LOCATED PER NOTE 2.
 - CENTER OF MANHOLE SHAFT SHALL BE LOCATED OVER CENTER LINE OF STORM DRAIN WHEN DIAMETER D₁ IS 48" (1200 mm) OR LESS, IN WHICH CASE PLACE E BARS SYMMETRICALLY AROUND SHAFT AT 45° WITH CENTERLINE AND OMIT J BARS.
 - L AND P SHALL HAVE THE FOLLOWING VALUES UNLESS OTHERWISE SHOWN ON THE PROJECT DRAWINGS:
 - A. D₂=96" (2400 mm) OR LESS, L=5'-6" (1.7 m), P=5" (130 mm)
 - B. D₂ OVER 96" (2400 mm), L=8'-0" (1.8 m), P=8" (210 mm)
 L MAY BE INCREASED OR LOCATION OF MANHOLE SHIFTED TO MEET PIPE ENDS, WHEN L GREATER THAN THAT SHOWN ABOVE IS SPECIFIED, D BARS SHALL BE CONTINUED 6" (150 mm) OC.
 - STATIONS OF MANHOLES SHOWN ON PLANS APPLY AT CENTERLINE OF SHAFT, ELEVATIONS ARE SHOWN AT CENTERLINE OF SHAFT AND REFER TO THE PROLONGED INVERT GRADE LINES.
 - REINFORCEMENT SHALL CONFORM TO ASTM A 615M, GRADE 300 (ASTM A 615, GRADE 40), AND SHALL TERMINATE 1 1/2" (40 mm) CLEAR OF CONCRETE SURFACES UNLESS OTHERWISE SHOWN.
 - FLOOR OF MANHOLE SHALL BE STEEL TROWELED TO SPRING LINE.
 - BODY OF MANHOLE SHALL BE POURED IN ONE CONTINUOUS OPERATION EXCEPT THAT A CONSTRUCTION JOINT WITH A LONGITUDINAL KEYWAY MAY BE PLACED AT SPRING LINE.
 - THICKNESS OF THE DECK SHALL VARY WHEN NECESSARY TO PROVIDE A LEVEL SEAT BUT SHALL NOT BE LESS THAN THE TABULAR VALUES FOR F SHOWN ON SHEET 2.
 - D BARS SHALL BE #4 (#13M) FOR D₂ ≥ 39" (975 mm) OR LESS, #5 (#16M) FOR D₂ = 42" (1050 mm) TO 84" (2100 mm) INCLUSIVE AND #6 (#19M) FOR D₂ = 90" (2250 mm) OR OVER.
 - CENTERLINE OF INLET PIPE SHALL INTERSECT INSIDE FACE OF CONE AT SPRING LINE UNLESS OTHERWISE SHOWN.
 - STEPS SHALL CONFORM TO SPPWC 635 OR 636, UNLESS OTHERWISE SHOWN, STEPS SHALL BE UNIFORMLY SPACED 14" (350 mm) TO 15" (375 mm) OC. THE LOWEST STEP SHALL NOT BE MORE THAN 24" (600 mm) ABOVE THE INVERT.
 - THE FOLLOWING CRITERIA SHALL BE USED FOR THIS MANHOLE:
 - A. MAIN LINE = 36" (900 mm) INSIDE DIAMETER OR LARGER, EXCEPT IF THE MAIN LINE RCP DOWNSTREAM OF MANHOLE IS 36" (900 mm) TO 42" (1050 mm) INSIDE DIAMETER AND THE MAIN LINE RCP UPSTREAM IS 33" (825 mm) OR LESS SPPWC 321 SHALL BE USED.

- THE OUTSIDE DIAMETER OF THE LATERAL MUST BE LESS THAN OR EQUAL TO 1/2 THE INSIDE DIAMETER OF THE MAIN LINE. IF THE UPSTREAM AND DOWNSTREAM DIAMETERS OF THE MANHOLE ARE NOT THE SAME, THE GOVERNING INSIDE DIAMETER OF THE MAIN LINE SHALL BE CONSIDERED TO BE THAT WHERE THE EXTENDED CENTERLINE OF THE LATERAL ENTERS THE MANHOLE.
- IN NO INSTANCE SHALL THE INSIDE DIAMETER OF THE LATERAL TO THE MANHOLE BE GREATER THAN 30" (750 mm).
- MANHOLE FRAME AND COVER SHALL CONFORM TO SPPWC 630 UNLESS OTHERWISE SHOWN.
- MANHOLE SHAFT SHALL CONFORM TO SPPWC 324 UNLESS OTHERWISE SHOWN.
- WHERE A MANHOLE SHAFT - 36" (900 mm) WITHOUT REDUCER IS SPECIFIED REFER TO SPPWC 326.
- WHERE A PRESSURE MANHOLE SHAFT - WITH ECCENTRIC REDUCER IS SPECIFIED REFER TO SPPWC 328.
- WHERE A PRESSURE MANHOLE SHAFT - 914 mm (36") WITHOUT REDUCER IS SPECIFIED REFER TO SPPWC 329.
- THE FOLLOWING SPPWC ARE INCORPORATED HEREIN:
 - 324 MANHOLE SHAFT - WITH ECCENTRIC REDUCER
 - 326 MANHOLE SHAFT - 36" (900 mm) WITHOUT REDUCER
 - 328 PRESSURE MANHOLE SHAFT - WITH ECCENTRIC REDUCER
 - 329 PRESSURE MANHOLE SHAFT 36" (914 mm) WITHOUT REDUCER
 - 630 24" (610 mm) MANHOLE FRAME AND COVER
 - 633 36" (914 mm) MANHOLE FRAME AND COVER
 - 635 STEEL STEP
 - 636 POLYPROPYLENE PLASTIC STEP

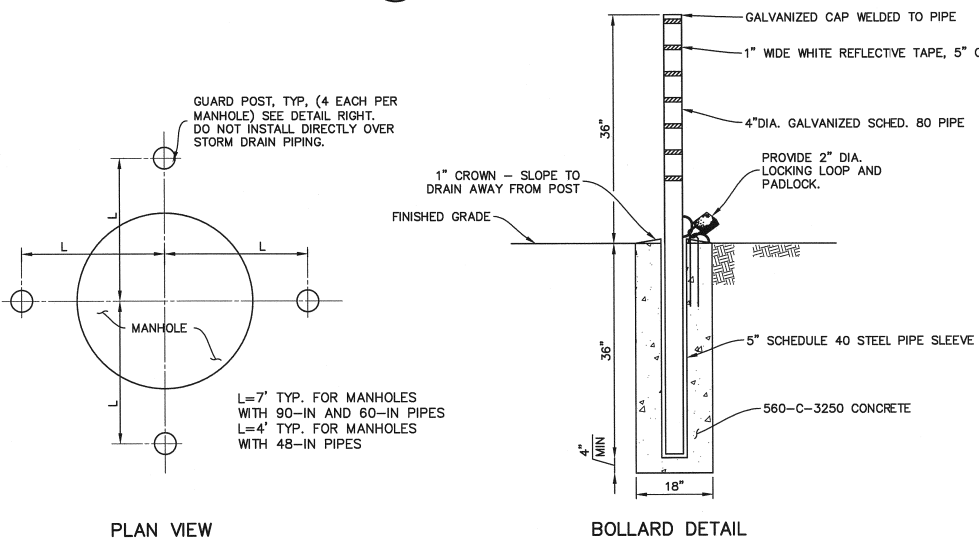
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
 MANHOLE PIPE-TO-PIPE
 MAIN LINE ID = 36" (900 mm) OR LARGER
 SHEET 2 OF 4

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
 MANHOLE PIPE-TO-PIPE
 MAIN LINE ID = 36" (900 mm) OR LARGER
 SHEET 3 OF 4

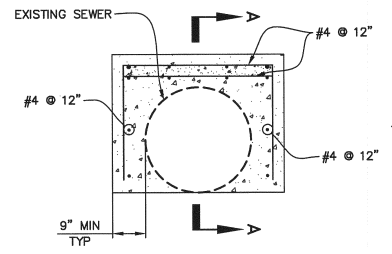
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 MANHOLE PIPE-TO-PIPE
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 SHEET 4 OF 4



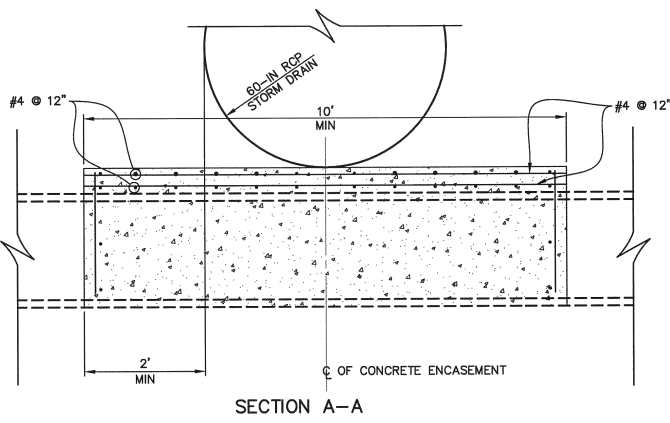
C MANHOLE - PER SPPWC DETAIL 320-2
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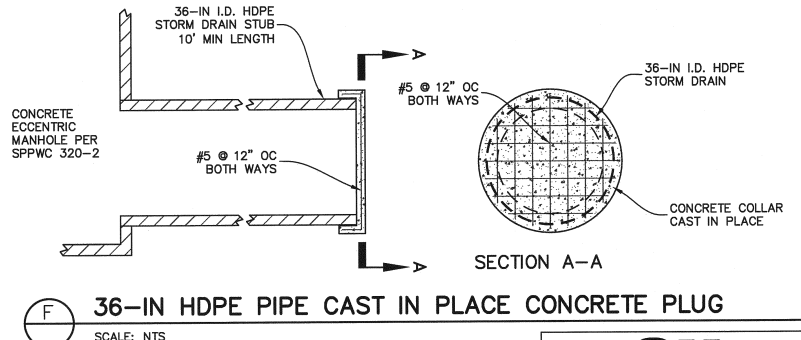
D BOLLARD DETAIL
 SCALE: NTS



E CONCRETE ENCASEMENT DETAIL
 SCALE: NTS



- NOTES:
- CONCRETE COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 4000 PSI
 - CONCRETE SHALL REACH 70% OF THE SPECIFIED STRENGTH BEFORE BACKFILLING.
 - HIGHER STRENGTH CONCRETE MAY BE USED TO BACKFILL EARLIER.
 - REINFORCED STEEL SHALL BE GRADE 60.



F 36-IN HDPE PIPE CAST IN PLACE CONCRETE PLUG
 SCALE: NTS

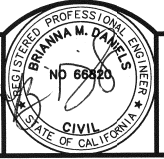
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Stantec
 2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
 Phone: (805) 925-2345

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 BRIANNA M. DANIELS DATE: 12-4-15
 PROJECT ENGINEER
 R.C.E. 66820



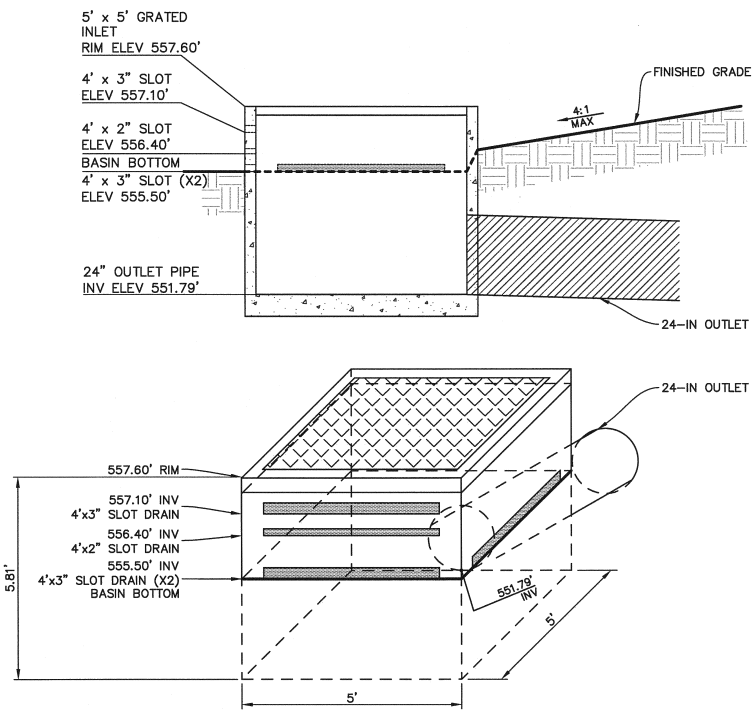
COUNTY OF SANTA BARBARA
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DETAILS, 2 OF 3
 OFFSITE STORM DRAIN IMPROVEMENTS
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 LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

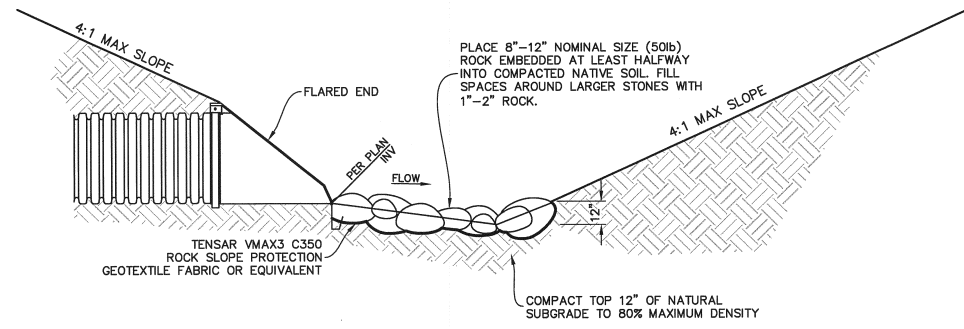
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 SHEET 11 OF 13
 PLAN DATE NOVEMBER 24, 2015

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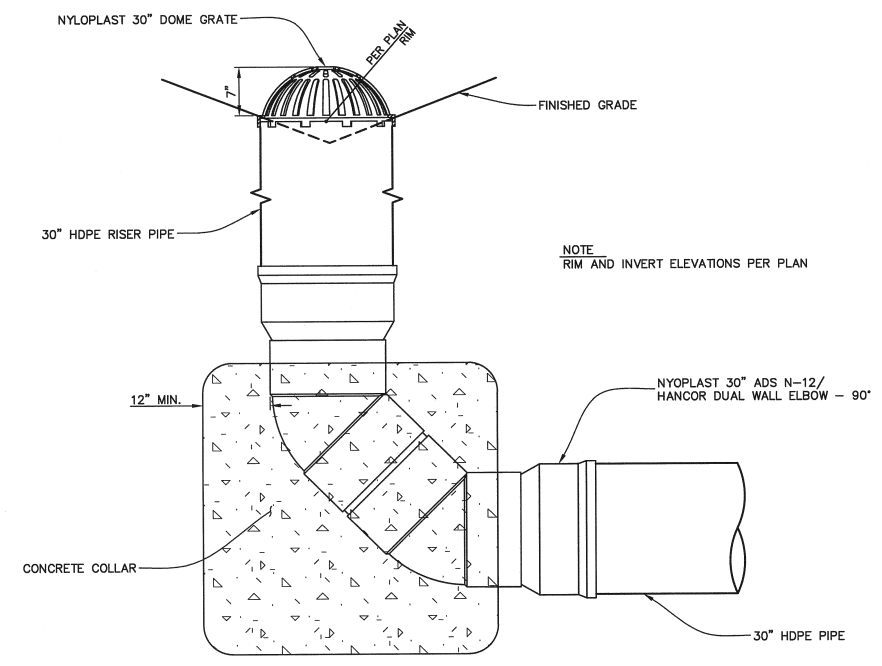
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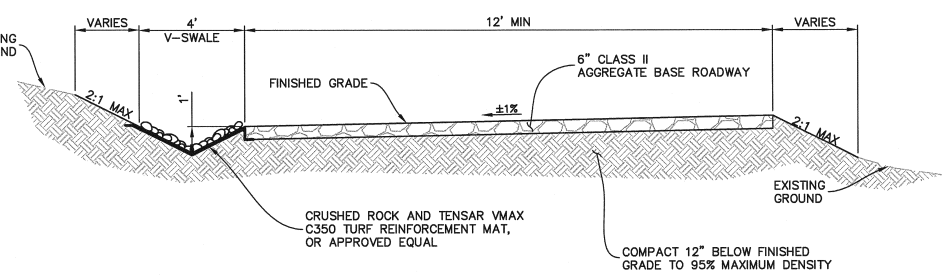
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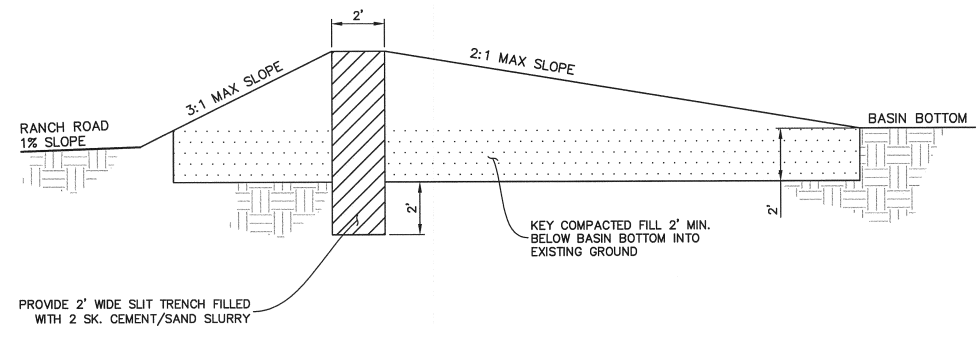
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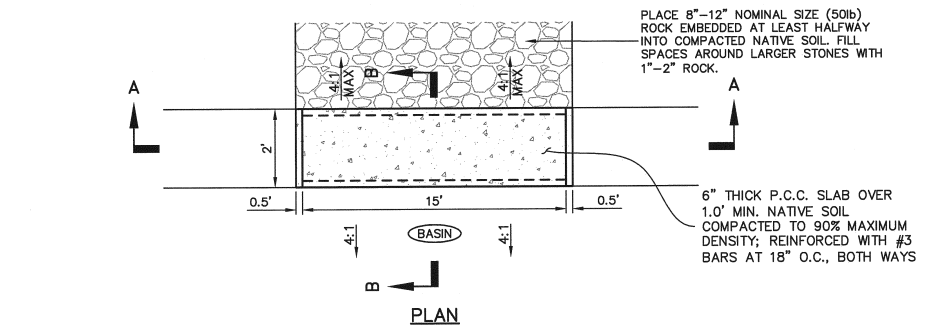
I 30-IN HDPE RISER INLET DETAIL
SCALE: NTS



J RANCH ROAD TYPICAL SECTION
SCALE: NTS



K SLURRY TRENCH DETAIL
SCALE: NTS



L OVERFLOW WEIR STRUCTURE
SCALE: NTS

PLOT DATE: 11/24/2015 3:05:06 PM PLOT SCALE: 1:60
PLOT BY: Leah Harper
PLOT DATE: 11/24/2015 2:50:17 PM

NOTE:
V-SWALE TO BE PROVIDED ALONG SOUTH EDGE OF PROPERTY ONLY

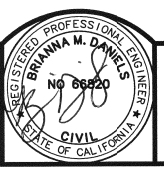


COUNTY OF SANTA BARBARA FLOOD CONTROL
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Stantec
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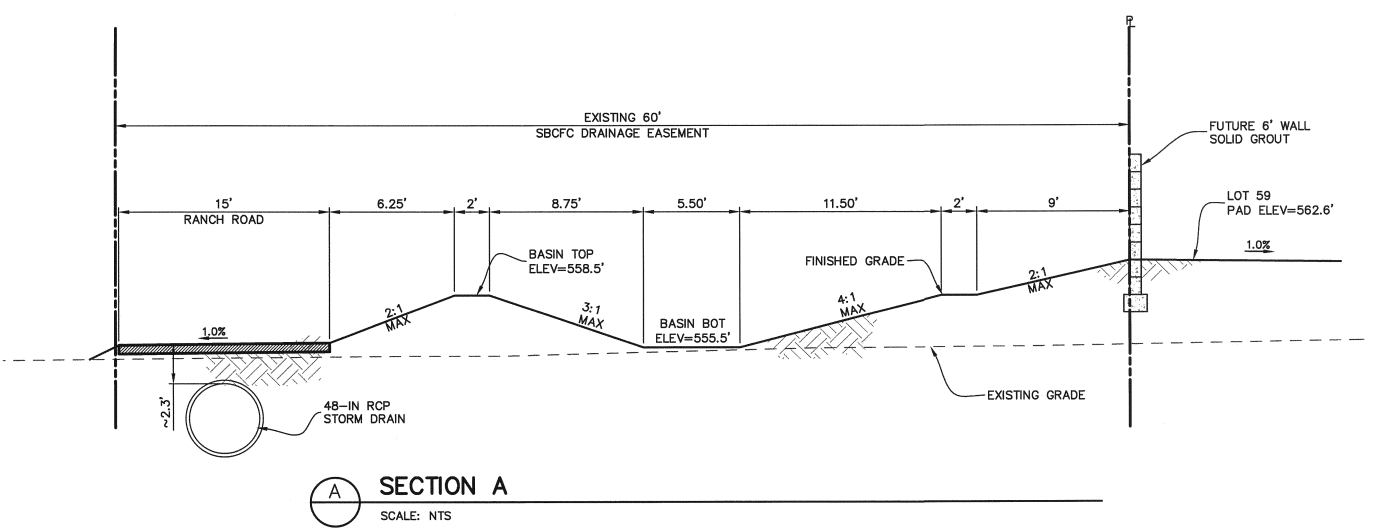


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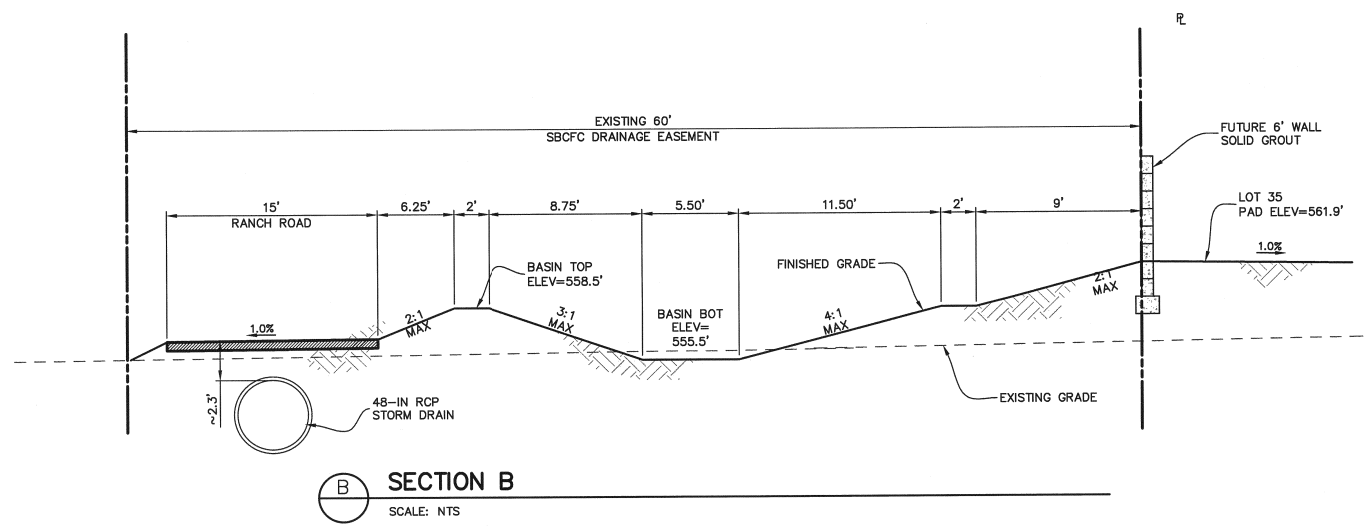
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SHEET 12 OF 13
PLAN DATE NOVEMBER 24, 2015
DETAILS, 3 OF 3
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 12 OF 13
PLAN DATE NOVEMBER 24, 2015

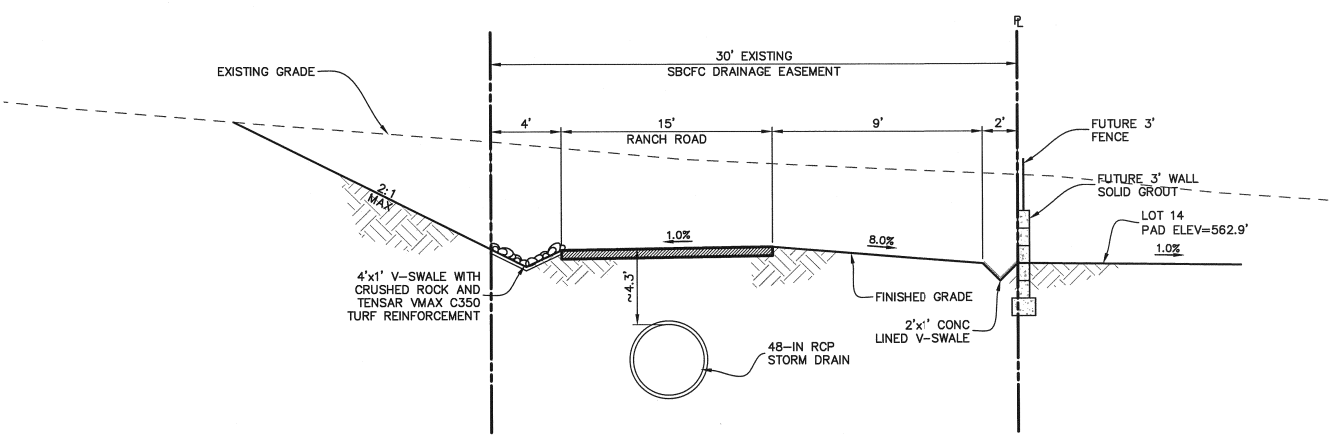
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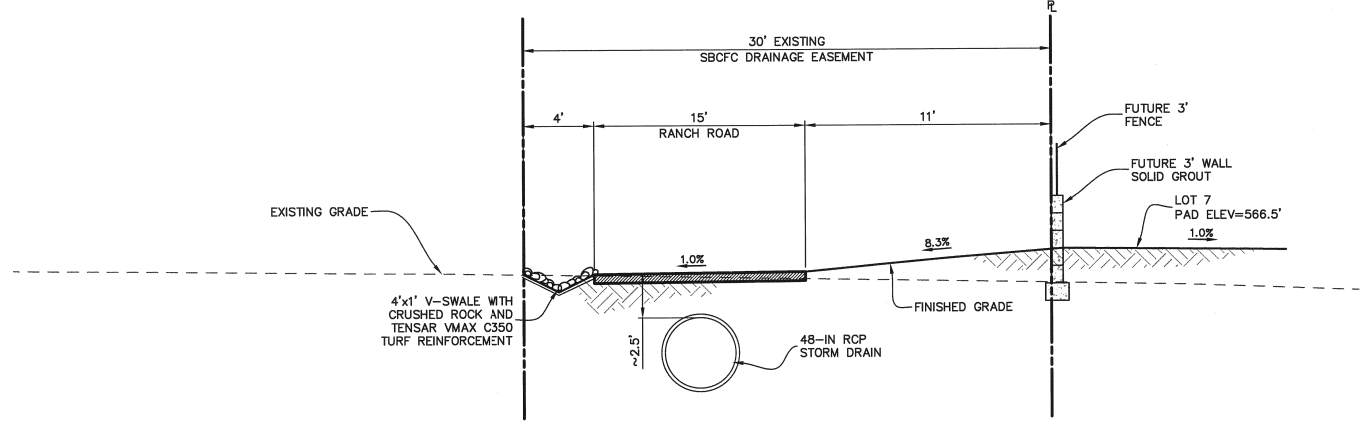
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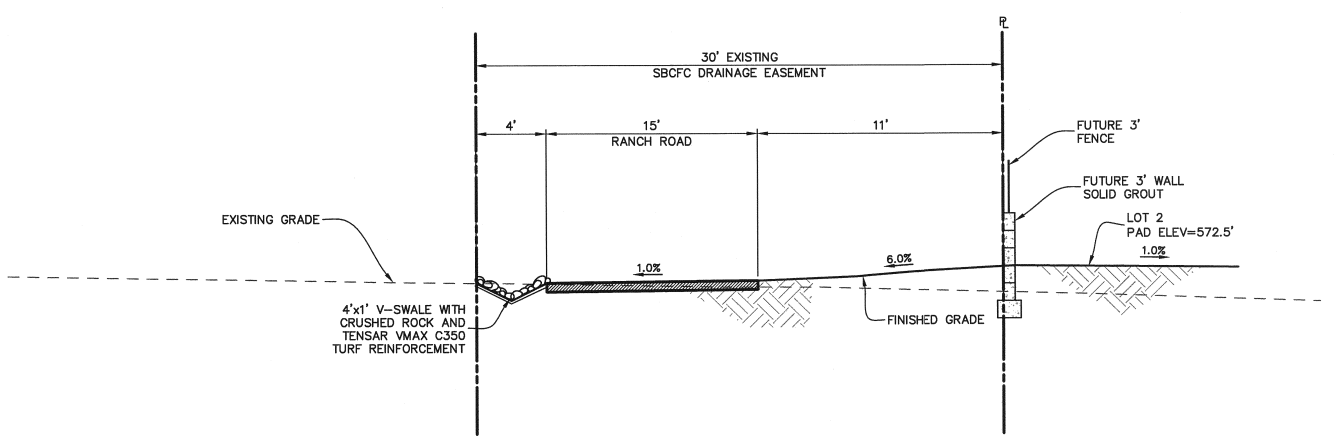
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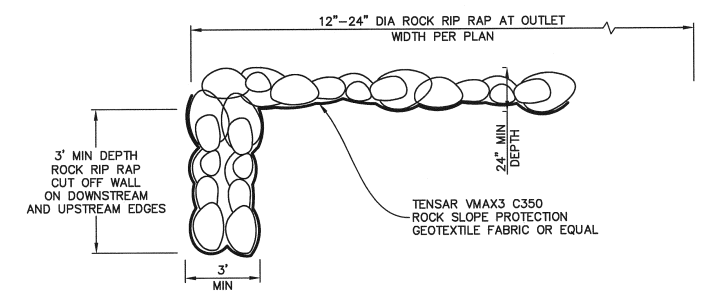
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SCALE: NTS



D SECTION D
SCALE: NTS



E SECTION E
SCALE: NTS



F SECTION F
SCALE: NTS



Know what's below.
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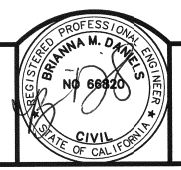
36-ENG SAVE DATE: 11/24/2015 2:25:02 PM PLOT BY: Lash, Harper PLOT DATE: 11/24/2015 2:47:33 PM PLOT SCALE: 1:80

COUNTY OF SANTA BARBARA FLOOD CONTROL
REVIEWED BY: *[Signature]*
SIGNATURE DATE: 12-4-15

NO.	DATE	REVISIONS	APPD.

Stantec
2646 Santa Maria Way, Suite 107, Santa Maria, CA 93455
Phone: (805) 925-2345

DESIGN_RS CHECKED *BD*
BRIANNA M. DANIELS DATE: 12-4-15
PROJECT ENGINEER
R.C.E. 66820



COUNTY OF SANTA BARBARA
REVIEWED BY: _____
SIGNATURE DATE

SECTIONS
OFFSITE STORM DRAIN IMPROVEMENTS
LEGACY ESTATES TRACT NO. 14,608
LOS ALAMOS, COUNTY OF SANTA BARBARA, CALIFORNIA

STANTEC PROJECT NO. 2064115400
SHEET 13 OF 13
PLAN DATE NOVEMBER 24, 2015

DRAWING: v:\2064\project\2064115400\road\improvements\product\2064115400_sfd01-12.dwg