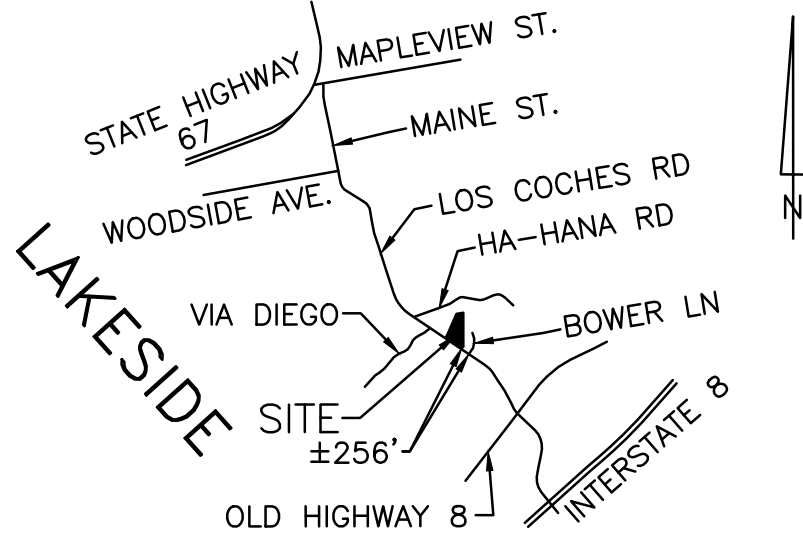


GENERAL NOTES

1. A PERMIT SHALL BE OBTAINED FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS FOR ANY WORK WITHIN THE STREET RIGHT-OF-WAY.
2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH SAN DIEGO COUNTY STANDARDS AND AS APPROVED BY THE MATERIALS LABORATORY.
3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS GUTTER AND PAVING.
5. THE EXISTANCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
6. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
7. THE CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS AND ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
NOTICE: ALL ELECTRICAL AND GAS SERVICES WITHIN THIS PROJECT ARE "UNDERGROUND INSTALLATIONS." FOR LOCATIONS OF ELECTRICAL CABLES AND GAS PIPING AND APPURTENANCES CONTACT THE SAN DIEGO GAS AND ELECTRIC COMPANY, TELEPHONE: 1-800-227-2600
8. THE CONTRACTOR SHALL NOTIFY AT&T TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
NOTICE: ALL TELEPHONE SERVICES WITHIN THIS PROJECT BOUNDARY ARE "UNDERGROUND INSTALLATIONS" FOR LOCATION OF CABLES AND APPURTENANCES CONTACT AT&T TELEPHONE COMPANY, TELEPHONE: 1-800-750-2355
9. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
10. ALL TELEVISION SERVICES WITHIN THIS PROJECT ARE "UNDERGROUND INSTALLATIONS." FOR LOCATION OF CABLES AND APPURTENANCES CONTACT TELEPHONE: 1-800-422-4133
11. POWER SOURCES AND RUNS SERVING STREET LIGHTS SHALL BE SHOWN ON THE "AS-BUILT " IMPROVEMENT DRAWINGS. ALL SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY, OR WITHIN EASEMENTS DEDICATED TO THE COUNTY OF SAN DIEGO.
12. NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
13. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS. (IF APPLICABLE)
14. ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY PRISMATIC TYPE REFLECTIVE FACE OR EQUIVALENT.
15. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPPING, PAVEMENT MARKERS, OR LEGENDS OBLATERATED BY THE CONSTRUCTION OF THIS PROJECT.
16. ALL NEW STRIPING, SANDBLASTING OF REDUNDANT STRIPING SHALL BE DONE BY CONTRACTOR.
17. ALL CUT AND FILL SLOPES OVER (3) FEET CREATED BY GRADING FOR STREETS AND DRIVEWAYS SHALL BE HYDROSEEDED WITH SAN DIEGO COUNTY APPROVED HYDROSEED MIXTURE. HYDROSEED SLOPES SHALL BE IRRIGATED BY WATER TRUCK UNTIL THE MIXTURE GERMINATES AND 70% GROWTH IS ESTABLISHED.
18. ASPHALT CONCRETE SURFACING MATERIAL SHALL BE HAND-RAKED AND COMPACTED TO FORM SMOOTH TAPERED CONNECTIONS ALONG ALL EDGES INCLUDING THOSE EDGES ADJACENT TO SOIL. THE EDGES OF ASPHALT CONCRETE SHALL BE HAND-RAKED AT 45 DEGREES OR FLATTER, SO AS TO PROVIDE A SMOOTH TRANSITION NEXT TO EXISTING SOIL, INCLUDING THOSE AREAS SCHEDULED FOR SHOULDER BACKING. THE ABOVE SHALL BE DONE TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
19. CONTRACTOR SHALL APPLY FOR A TRAFFIC CONTROL PERMIT EIGHT WEEKS PRIOR TO COMMENCEMENT OF WORK. NO WORK SHALL COMMENCE UNTIL ISSUANCE OF SAID PERMIT. FOR INFORMATION CALL (858)694-3863. THE TRAFFIC CONTROL PERMIT SHALL REQUIRE SPECIFICATION FOR THE INFORMATIONAL SIGNS.
20. STREET IMPROVEMENTS AND DRAINAGE STRUCTURES SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE COUNTY OF SAN DIEGO SPECIAL PROVISIONS AND SPECIFICATIONS FOR THE IMPROVEMENT OF NEW STREETS.

SPECIFIC CONDITIONS

- A. ADDITIONAL WORK WILL BE REQUIRED IF EXISTING PAVEMENT SECTION IS NOT ACCEPTABLE.
- B. THE USE OF GROUNDWATER FOR IRRIGATION WILL BE PROHIBITED FOR THIS PROJECT.
- C. THE USE OF RECLAIMED WATER SHALL BE PROHIBITED UNLESS TREATED TO A LEVEL APPROVED BY THE REGIONAL WATER QUALITY CONTROL BOARD, THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES, AND THE SWEETWATER AUTHORITY,



VICINITY MAP

2008 THOMAS BROTHERS PAGE 1232, C6

MONUMENTATION NOTE

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT ALL SURVEY CONTROL MONUMENTS, WHETHER SHOWN ON THESE PLANS OR NOT, WITHIN THE PROJECT AREA. ALL SURVEY MONUMENTS, WHETHER FOR HORIZONTAL OR VERTICAL CONTROL, THAT WILL OR COULDS BE DISTURBED OR REMOVED BY THE CONTRACTOR, OR HIS EMPLOYEES, AGENTS, SUBCONTRACTORS, CONSULTANT OR LICENSEES, SHALL BE LOCATED PRIOR TO BEING DISTURBED OR REMOVED AND REPLACED OR RESET, IN ACCORDANCE WITH THE CALIFORNIA BUSINESS & PROFESSIONS CODE SECTION 8771(b), AT THE CONTRACTOR'S SOLE EXPENSE, UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. IN ADDITION, A RECORD OF SURVEY OR CORNER RECORD, AS APPLICABLE, SHALL BE FILED AND/OR RECORDED, IN ACCORDANCE WITH THE PROVISIONS OF SAID CODE.

PDS ENVIRONMENTAL NOTE

NOTICE: THE ISSUANCE OF THIS PERMIT/APPROVAL BY THE COUNTY OF SAN DIEGO DOES NOT AUTHORIZE THE APPLICANT FOR SAID PERMIT/APPROVAL TO VIOLATE ANY FEDERAL, STATE, OR COUNTY LAWS, ORDINANCES, REGULATIONS, OR POLICIES INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT AND ANY AMENDMENTS THERETO.

TRAFFIC STRIPPING NOTE

ALL TRAFFIC STRIPING ALONG PROJECT FRONTAGE, SHALL BE REFRESHED. STRIPING WHICH WAS DESTROYED BY CONSTRUCTION SHALL BE REPLACED.

ENGINEER OF WORK



VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

PRIVATE ROAD CERTIFICATION



DISTURBED AREA CALS

PAD + SLOPES:	7,332	SF
DRIVEWAYS & ROAD:	15,603	SF
PRIMARY SEPTIC:	N/A	SF
FIRE CLEARING:	CLEARING BY HAND ONLY NO SOIL DISTURBANCE	SF
TOTAL:	22,935	SF
IF ≥1 AC, PROVIDE WIDID# :	N/A	
SWPPP/CONSTRUCTION SITE RISK LEVEL:		

SITE ADDRESS

NORTHEAST SIDE OF LOS COCHES ROAD
BETWEEN HA-HANA ROAD & BOWER LANE
LAKESIDE, CA 92040

ENGINEER OF WORK

NAME: VICTOR RODRIGUEZ-FERNANDEZ
PHONE NO: (760) 357-2434
ADDRESS: 1283 East Main Street, Suite 109
El Cajon, CA 92021

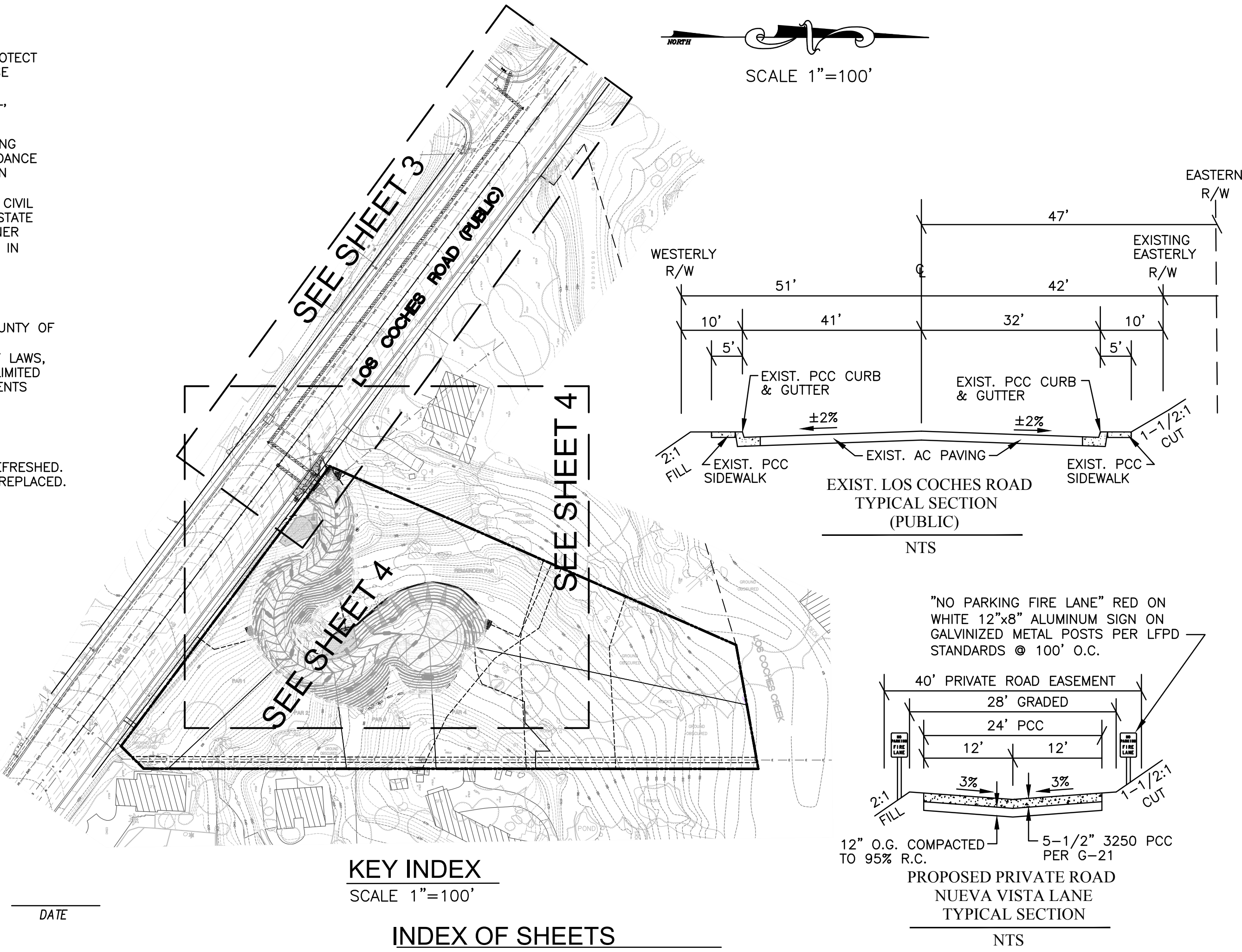
DECLARATION OF RESPONSIBLE CHARGE

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

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

BY: INTERIM DATE: 06-10-20
ELLIOTT M. MAY, P.E.
RCE NO: RCE-18592

COUNTY OF SAN DIEGO TPM 21204



KEY INDEX

SCALE 1"=100'

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	NOTES
3	LOS COCHES ROAD PLAN & PROFILE
4	PRIVATE ROAD PLAN
5	PRIVATE ROAD PROFILE
6	WALL DETAILS
7	WALL SECTIONS
8	TREE WELL DETAILS, GENERAL DETAILS AND NOTES
9	EROSION CONTROL PLAN
10	ENVIRONMENTAL NOTES

PRIORITY LEVEL: MEDIUM

STORMWATER TREATMENT CONTROL, L.I.D. AND HYDROMODIFICATION (HMP) BMP'S

DESCRIPTION/TYPE	SHEET	MAINTENANCE CATEGORY	REVISIONS
TREE WELLS	4,8	#1	
BIO RETENTION	4,8	#1	

* BMP'S APPROVED AS PART OF STORMWATER MANAGEMENT PLAN (SWMP) DATED ON FILE WITH DPW. ANY CHANGES TO THE ABOVE BMP'S WILL REQUIRE SWMP REVISION AND PLAN CHANGE APPROVALS.

PDS ENVIRONMENTAL REVIEW

APPROVED FOR COMPLIANCE WITH THE ENVIRONMENTAL REVIEW.
APPROVED BY: _____
DATE: _____

WATER AGENCY

LAKESIDE WATER DISTRICT
APPROVED _____ DATE _____
BRETT L. SANDERS
GENERAL MANAGER
PLANS VALID FOR 1 YEAR FROM DATE OF SIGNATURE

LEGAL DESCRIPTION

PARCELS 1-4 PER PARCEL MAP NO. 21557
ASSESSORS PARCEL NO. 397-060-86,87,88,89,90-00

SEWER AGENCY

SAN DIEGO COUNTY LAKESIDE SERVICE AREA SANITATION DISTRICT
APPROVED BY: _____

DATE: _____

PLANS VALID FOR 2 YEARS FROM DATE OF SIGNATURE

WORK TO BE DONE

IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT SAN DIEGO COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS FOR IMPROVEMENT OF SUB-DIVISION STREETS AND STANDARD REFERENCE DRAWINGS.

ITEMS	LEGEND	SYMBOL
EXIST. SPOT ELEVATION	RSD	X 46.45
EXIST. CONTOUR		
EXIST. STRUCTURE		
PROP. PROPERTY LINE		
CENTER LINE		
FLOW DIRECTION 1% MIN.		
EXIST. WIRE FENCE		
EXIST. ASPHALT PAVING		
EXIST. 8" SEWER MAIN	8" VCP	S
EXIST. 8" WATER MAIN	8" ACP	w
EXIST. GAS		GAS
EXIST. UNDERGROUND POWER		UE
EXIST. UNDERGROUND COX CABLE		UC
EXIST. CONCRETE PAVING		
EXIST. CURB AND GUTTER		
EXIST. POWER POLE		PP
CONSTR. CONCRETE PAVING		
CONSTR. 1-1/2:1 CUT	(SEE SOIL REPORT)	
CONSTR. 2:1 FILL	(SEE SOIL REPORT)	
INSTALL 24"x24" PRIVATE GRATE INLET		
CONSTR. KEYSTONE WALL		
INSTALL 18" RCP		
CONSTR. ROADBED		
TOP OF WALL		
TOP OF FOOTING		
TOP OF GRATE		
INVERT ELEVATION		
FLOW LINE		
150MM (6") FIREHYDRANT W/100MM & 63.5MM 4"&2-1/2" WF-01&04		WM-04
PORTS	WS01.03	
INSTALL 1" WATER LATERAL		
INSTALL 4" PVT SEWER LATERAL W/ BACKFLOW PREVENTER	SS-01,03,04	
SEE SEWER LATERAL TABLE SHEET 4		
CONSTR. SEWER MAIN	8" PVC SP-02 & SS-01	
CONSTR. WATER MAIN	8" PVC CL200 C900 DR14 WP01	
CONSTR. SEWER MANHOLE	48"/60" SM-01,02,03,04,05,07	
INSTALL 12" PVC DRAIN PIPE	D-18	
EXIST. ROCK FEATURES TO BE PRESERVED		
CONSTR. ROLL CURB	G-4	
INSTALL 2-WAY STREET NAME SIGN	DS-13A & 13B	
INSTALL GUARD POST (RED)	M-9	
INSTALL "NO PARKING FIRE LANE" SIGNS	LFPD	
INSTALL 2" BLOW OFF VALVE	WB-01,04	
INSTALL 8" GATE VALVE	WV-01,02,03	
INSTALL END CAP FOR WATERMAIN	WB-05	
INSTALL THRUST BLOCK	WT-01	
INSTALL 50MM 2" AUTOMATIC COMBINATION	WA-02,03	
AIR RELEASE AND AIR/VACUUM VALVES	G-24A, G-24B	
PROP. TRENCH BACKFILL & RESTORATION	DS-22	
PROP. PCC DRIVEWAY	G-14A	
REFRESH EXISTING TRAFFIC STRIPING		

PROP. 8' HIGH TEMPORARY CONSTRUCTION NOISE BARRIER FENCE PER SEC. 2.2.2 & FIGURE 12 OF THE NOISE REPORT PREPARED BY EILER & ASSOC. DATED 09-12-13

SEE SHEET 9 FOR EROSION CONTROL ITEMS

OWNERS CERTIFICATE

IT IS AGREED THAT FIELD CONDITIONS MAY REQUIRE CHANGES TO THESE PLANS.
IT IS FURTHER AGREED THAT THE OWNER (DEVELOPER) SHALL HAVE A REGISTERED CIVIL ENGINEER MAKE SUCH CHANGES ALTERATIONS OR ADDITIONS TO THESE PLANS WHICH THE DIRECTOR OF PUBLIC WORKS DETERMINES ARE NECESSARY AND DESIRABLE FOR THE PROPER COMPLETIONS OF THE IMPROVEMENTS.
I FURTHER AGREE TO COMMENCE WORK ON ANY IMPROVEMENTS SHOWN ON THESE PLANS WITHIN EXISTING COUNTY RIGHT-OF-WAY WITHIN 60 DAYS AFTER ISSUANCE OF THE CONSTRUCTION PERMIT AND TO PURSUE SUCH WORK ACTIVELY ON EVERY NORMAL WORKING DAY UNTIL COMPLETED.
OWNER/PERMITTEE: _____ OWNER: LOS COCHES 5 LLC. _____ MANAGER: _____ PHONE NO: _____
ADDRESS: 3848 5TH AVE. #E _____ SAN DIEGO, CA 92103
BY: _____ DATE: _____ APN: 397-060-86,87,88,89,90-00

PERMITS

LANDSCAPE PERMIT NO. _____
GRADING PERMIT NO. _____
TENTATIVE PARCEL MAP NO. TPM 21204
PRIORITY LEVEL: MEDIUM

BENCH MARK

DESCRIPTION: FOUND STANDARD STREET MONUMENT
STATION ROS11252 PT 1040 PER MAP 9524
LOCATION: ON CENTERLINE OF WELLINGTON HILL DRIVE 5'
SWLY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM: COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION: 516.95 DATUM: MSL

PRIVATE CONTRACT

SHEET <u>1</u>	COUNTY OF SAN DIEGO	10 SHEETS
DEPARTMENT OF PUBLIC WORKS		
IMPROVEMENT PLAN FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX <u>242-1791</u>		
RECOMMENDED FOR APPROVAL <u>N/A</u>	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER	
ENGINEER OF WORK <u>RCE 18592</u>	CHECKED BY: <u>TPM 21204</u>	IMPROVEMENT PLAN NO. <u>PDS2015-LANIMP-40000</u>
	APPROVAL DATE:	

WATER NOTES

1. A PERMIT SHALL BE OBTAINED FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS FOR ANY WORK WITHIN THE STREET RIGHT OF WAY.
2. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
3. CONSTRUCTION FOR PIPELINES AND APPURTENANCES TO BE DESIGNED AND PERFORMED IN ACCORDANCE WITH WATER AGENCY STANDARDS AVAILABLE AT WWW.SDWAS.COM. SPECIFICATIONS SHALL VERIFIED AS THE MOST CURRENT AVAILABLE PRIOR TO CONSTRUCTION AND SHALL BE IN THE POSSESSION OF THE CONTRACTOR PRIOR TO THE CONSTRUCTION PRE-JOB MEETING.
4. THE CONTRACTOR SHALL NOTIFY LAKESIDE WATER DISTRICT AND COUNTY PERMIT OFFICE IN WRITING FORTY--EIGHT (48) HOURS PRIOR TO COMMENCING WORK.
5. WORK DONE WITHOUT DISTRICT INSPECTION SHALL BE SUBJECT TO REMOVAL AND REINSTALLATION AT CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL UNCOVER THE LOCATION FOR CONNECTIONS PRIOR TO BEGINNING INSTALLATION TO INSURE CONFORMANCE WITH LINES AND GRADES SHOWN ON THE PLANS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DISTRICT ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING FACILITIES AND FOR ALL DAMAGES AND COSTS OF REPAIR TO EXISTING FACILITIES AND IMPROVEMENTS AS A RESULT OF HIS OPERATIONS, AND SHALL COORDINATE HIS WORK WITH LAKESIDE WATER DISTRICT
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NECESSARY ARRANGEMENTS WITH THE RESPECTIVE UTILITY COMPANIES FOR EXISTING UTILITIES AND SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.

UNDERGROUND SERVICE ALERT 1-800-277-2800

9. ALL WATER MAINS SHALL BE CLASS 200 (DR14) AND HAVE A MINIMUM COVER OF 36" OVER TOP OF PIPE UNLESS SHOWN OTHERWISE. WATER MAIN TRENCH GRADES ARE TO BE 6" BELOW BOTTOM OF THE PIPE GRADE.
10. THRUST BLOCKS ARE REQUIRED AT ALL LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND IN CONFORMANCE WITH THE THRUST BLOCK SCHEDULE AS SHOWN ON THE PLANS.
11. WATER MAIN CONNECTIONS WILL BE MADE BY THE CONTRACTOR AS INDICATED AND SPECIFIED.
12. THE CONTRACTOR SHALL SCHEDULE CHLORINE, HYDROSTATIC, AND BACTERIA TESTS WITH THE DISTRICT. NO BACTERIA TEST WILL BE TAKEN UNTIL ALL DISTRICT REQUIREMENTS HAVE BEEN SATISFIED. CONTRACTOR TO PROVIDE ALL EQUIPMENT FOR HYDROSTATIC TEST.
13. NEITHER THE WATER DISTRICT NOR DISTRICT ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS.
14. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE COUNTY ENGINEER FOR ANY EXCAVATION WITHIN EXISTING RIGHTS OF WAY.
15. THE WORK AND TRAFFIC CONTROLS IN RIGHT OF WAY AREAS SHALL BE IN ABSOLUTE CONFORMANCE WITH THE SPECIAL PROVISIONS FOR WORK DONE UNDER EXCAVATIONS AND ENCROACHMENT PERMITS FOR THE CONTROLLING AGENCY.
16. THE EXISTING UTILITIES OR STRUCTURES REPORTED BY THE DISTRICT OR OTHERS, AND THOSE SHOWN ON THE RECORDS EXAMINED, ARE INDICATED WITH THEIR APPROXIMATE LOCATION. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL EXISTING UTILITIES FOUND AT THE SITE AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF UTILITIES PRIOR TO STARTING WORK AND TO UNCOVER AND LOCATE ALL UNDERGROUND UTILITIES AND INSTALLATIONS, WHETHER SHOWN ON THESE PLANS OR NOT AND TO PROTECT SUCH FACILITIES FROM DAMAGE.
17. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THE CONTRACTOR SHALL, DEFEND, INDEMNIFY AND HOLD THE WATER DISTRICT AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DISTRICT OR THE ENGINEER.
18. THE CONTRACTOR SHALL AND DOES GUARANTEE ALL WORK FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF ACCEPTANCE OF THE WORK BY THE DISTRICT, AND SHALL REPAIR OR REPLACE ANY OR ALL SUCH WORK, TOGETHER WITH ANY OTHER WORK WHICH MAY BE DISPLACED IN SO DOING, THAT MAY PROVE DEFECTIVE IN WORKMANSHIP AND/OR MATERIAL WITHIN THE ONE YEAR PERIOD FROM DATE OF ACCEPTANCE WITHOUT EXPENSE WHATSOEVER TO THE DISTRICTS, ORDINARY WEAR AND TEAR, UNUSUAL ABUSE OR NEGLECT EXPECTED.
19. ALL FIRE HYDRANT INSTALLATIONS SHALL BE APPROVED BY THE LAKESIDE FIRE PROTECTION DISTRICT.
20. WET TAPPING OPERATIONS FOR WATER MAIN CONNECTIONS WILL BE MADE BY THE DISTRICT. ON CONNECTIONS 4' AND LARGER CONTRACTOR SHALL PROVIDE ALL MATERIAL AND APPURTENANCE, PERFORM ALL EXCAVATIONS AND BACKFILL, PAVEMENT, PATCH, PERMITS AND SET VALVE BOX AND COVER. ALL TAPPING SLEEVES WILL BE MUELLER H-619 OR EQUIVALENT. DISTRICT WILL SET TAPPING TIE AND VALVE AND TAP THE MAIN.
21. ALL COMMERCIAL AND INDUSTRIAL PROPERTIES MUST INSTALL APPROVED REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTION DEVICES
22. PLANS ARE VALID FOR ONE YEAR FROM DATE OF SIGNATURE.

RECORD PLAN

NAME: _____
R.C.E. _____
DATE: _____

SEWER NOTES

UNLESS OTHERWISE INDICATED HEREIN, ALL WORK SHALL BE DONE IN ACCORDANCE WITH:

- A. THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) LATEST APPROVED EDITION.
- B. THE REGIONAL SUPPLEMENTAL AMENDMENTS TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION.
- C. THE SAN DIEGO REGIONAL STANDARD DRAWINGS (SDRSD), LATEST APPROVED EDITION.

AND THE FOLLOWING SPECIAL PROVISIONS:

1. TRENCH WIDTH SHALL BE PER SDRSD NO. SP-02, FOR PIPE UP TO 15 INCHES, UNLESS OTHERWISE NOTED. FOR PIPE 15 INCHES AND OVER, TRENCH WIDTH SHALL BE PER SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 306-3.
2. PIPE AND BEDDING CONDITIONS INCLUDING FILTER FABRIC WRAP 'BURRITO WRAP' WITH 12- INCH AN OVERLAP, SHALL BE PER SDRSD SP-02, FOR PIPE UP TO 18 INCHES. FOR PIPE 18 INCHES AND ABOVE, REFER TO SSPWC SECTION 306-7.7. WHENEVER THE EXCAVATED MATERIAL IS NOT SUITABLE FOR BACKFILL, THE CONTRACTOR SHALL REMOVE THIS MATERIAL AND ARRANGE FOR AND FURNISH SUITABLE IMPORTED BACKFILL MATERIAL WHICH IS CAPABLE OF ATTAINING THE REQUIRED RELATIVE DENSITY. IMPORTED BACKFILL MATERIAL, OR OTHER BACKFILL MATERIAL SHALL BE APPROVED BY THE ENGINEER, AND PER SECTION 306-12 OF THE 'GREENBOOK' STANDARD SPECIFICATIONS.
3. PVC PIPE BEDDING FROM THE BOTTOM OF PIPE TO 12 INCHES MINIMUM ABOVE THE PIPE SHALL BE 3/4 -INCH CRUSHED ROCK. FILTER FABRIC WRAP 'BURRITO WRAP' IS REQUIRED WHERE CRUSHED ROCK ENVELOPE IS USED.
4. AFTER COMPLETION OF PIPE LAYING, ALL MAIN LINE SEWERS, SERVICE LATERALS AND STRUCTURES SHALL BE TESTED IN THE PRESENCE OF THE INSPECTOR. AIR PRESSURE TEST, PER SSPWC SECTION 306-7.8.2.4, AND MANDREL TEST, PER SECTION 306-7.8.3.2 SHALL BE USED UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
5. THE CONSTRUCTION OF PCC SEWER MANHOLE PER SDRSD SM-01 OR SM-02 POURED-IN-PLACE MANHOLE BASES SHALL BE A MONOLITHIC POUR FINISHED COMPLETE AT TIME OF POUR. EACH NEW MANHOLE SHALL BE VACUUM TESTED PRIOR TO BACK FILLING. THE TEST SHALL BE CONDUCTED IMMEDIATELY AFTER PLACEMENT OF PRE-CAST UNITS WITH POLYMER MORTAR/BUTYL SEALANT. ALL PIPES IN THE MANHOLE SHALL BE SECURELY PLUGGED. THE TEST HEAD SHALL BE PLACED AT THE INSIDE OF THE TOP PRE-CAST UNIT PRIOR TO THE INSTALLATION OF THE GRADE RING, AND THE SEAL INFLATED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

A VACUUM OF 10 IN HG SHALL BE DRAWN AND THE VACUUM PUMP SHUT OFF. WITH THE VALVE CLOSED, THE TIME SHALL BE MEASURED FOR THE VACUUM TO DROP TO 9 IN HG. THE MANHOLE SHALL PASS IF THE TIME IS GREATER THAN 75 SECONDS FOR SDRSD SM-2 AND 60 SECONDS FOR SDRSD SM-1 MANHOLE. IF THE MANHOLE FAILS THE INITIAL TEST, NECESSARY REPAIRS SHALL BE MADE WITH NO SHRINK GROUT WHILE VACUUM IS STILL BEING DRAWN. RETESTING SHALL PROCEED UNTIL A SATISFACTORY TEST IS OBTAINED.

6. THE CONSTRUCTION OF 4--INCH SEWER LATERALS SHALL BE PER SDRSD SS-01 OR SS-02. LATERALS SHALL NOT DISCHARGE DIRECTLY INTO MANHOLES. A CLEANOUT SHALL BE INSTALLED APPROXIMATELY 2 FEET INSIDE THE PROPERTY LINE.
7. THE CONSTRUCTION OF CUT-OFF WALLS SHALL BE PER SDRSD NO. SP-07 ON ALL SEGMENTS HAVING A SLOPE OF 20% TO 50%. CONSTRUCTION OF CONCRETE ANCHOR WALLS SHALL BE PER SP-05 (MARCH 2000).
8. ALL MAINS AND LATERALS SHALL BE CONSTRUCTED WITH 48 INCHES MINIMUM COVER, PROVIDED THAT THE INVERT OF THE LATERAL AT THE PROPERTY LINE IS ABOVE THE SOFFIT LINE OF THE SEWER MAIN.
9. THE FINAL LOCATION AND ELEVATION OF SEWER AND WATER LATERALS SHALL BE SHOWN ON ORIGINAL PLANS, PRIOR TO ACCEPTANCE FOR PUBLIC USE.
10. ALL DESIGN CHANGES OF SEWER MAINS SHALL BE APPROVED BY THE DISTRICT ENGINEER, IN WRITING, PRIOR TO ACCEPTANCE OF WORK.
11. FILL AREAS MUST BE COMPACTED TO 90% PRIOR TO PIPE INSTALLATION.
12. THE CONTRACTOR SHALL NOTIFY THE DISTRICT'S INSPECTION DEPARTMENT 48 HOURS IN ADVANCE OF BEGINNING WORK TO ARRANGE FOR INSPECTION OF THE PROJECT.
13. THE CONTRACTOR SHALL PURCHASE A PERMIT FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION WITHIN EXISTING COUNTY RIGHTS-OF-WAY.
14. CONTRACT RECORD DRAWINGS MUST BE SUBMITTED PRIOR TO FINAL ACCEPTANCE OF THE WORK. THEY MUST REFLECT POST CONSTRUCTION VERIFICATION OF PIPE LENGTHS AND INVERT ELEVATIONS.
15. THE CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF 1 YEAR AFTER THE DATE OF ACCEPTANCE OF THE WORK BY THE OWNER AND SHALL REPAIR OR REPLACE ANY OR ALL SUCH WORK TOGETHER WITH ANY OTHER WORK THAT MAY BE DISPLACED IN SO DOING, THAT MAY PROVE DEFECTIVE IN WORKMANSHIP AND/OR MATERIALS WITHIN THE 1-YEAR PERIOD FROM DATE OF ACCEPTANCE WITHOUT EXPENSE WHATSOEVER TO THE OWNER, ORDINARY WEAR AND TEAR, UNUSUAL ABUSE OR NEGLECT EXCEPTED.
16. THE CONTRACTOR SHALL FURNISH AND INSTALL, PER SPECIFICATIONS, THE APPROPRIATE BURIED UTILITY WARNING AND IDENTIFICATION TAPE ABOVE ALL PUBLIC SEWER LINES, INCLUDING SEWER LATERALS, LOCATED IN THE PUBLIC RIGHT-OF-WAY.
17. THE CONTRACTOR MUST CALL 'DIG-ALERT' OF SOUTHERN CALIFORNIA TO HAVE UNDERGROUND SERVICE UTILITIES LOCATED PRIOR TO CONSTRUCTION. THE CALL WILL BE MADE AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION. 1-800-422-4133.
18. AT ALL MANHOLES, THE MINIMUM FALL ACROSS MANHOLE SHALL BE 0.1 FEET, AT ANGLES LARGER THAN 45 DEGREES, ALLOW 0.2 FEET FALL.
19. JOINT SEALANT AND EXTERIOR WATER PROOFING (WHERE SPECIFIED) REQUIRED ON ALL MANHOLES AS IDENTIFIED ON EACH PROPOSED SEWER MAIN PLAN PROFILE.

POLYMER MORTAR SHALL BE USED TO JOIN PRE-CAST COMPONENTS ON ALL MANHOLES TO CREATE WATERTIGHT JOINTS TO RESIST INFILTRATION. THE MORTAR SHALL BE MIXED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND SHALL NOT EXCEED FIVE PARTS SAND TO ONE PART POLYMER. ACCEPTABLE JOINT SEALANT PRODUCTS SHALL BE SKIDDER 31 AND 32 HI-MOD GEL MANUFACTURED BY Sika CORPORATION, 490 EPOXY PUTTY AND 498 UNDERWATER EPOXY PUTTY MANUFACTURED BY ENGARD COATINGS, AND CS 102 BUTYL GASKETS (ROPE FORM) MANUFACTURED BY CONCRETE SEALANTS OR APPROVED EQUAL.

THE CONCRETE OR OTHER SURFACES THAT ARE TO ADHERE TO POLYMER MORTAR SHALL BE FREE FROM DUST, LOOSE AGGREGATES, OIL, GREASE OR OTHER CONTAMINANTS.

ON ALL MANHOLES, CONTRACTOR SHALL APPLY WATERPROOFING AGENT CONSISTING OF A DAMP PROOF AND WATERPROOF COATING ON ALL EXTERIOR SURFACES. THE COATING SHALL BE COAT MASTERS CM7007, OR APPROVED EQUAL. THE COATING SHALL BE APPLIED IN NO LESS THAN TWO COATS TO ACHIEVE A TOTAL DRY THICKNESS OF 25 MILS MINIMUM. THE EXTERIOR COATING SHALL BE APPLIED PRIOR TO DELIVERY TO THE JOBSITE. IN ADDITION, A BITUMASTIC BAND 6 INCHES WIDE SHALL BE APPLIED AT ALL JOINTS ON EXTERIOR OF SUCH.

WHEN COMPLETED, ALL MANHOLES SHALL BE WATERTIGHT WITH ZERO INFILTRATION OF GROUNDWATER.

SEWER NOTES CONTINUE

20. EPOXY LINING COATING (WHERE SPECIFIED).

SM-07 CONSTRUCTED MANHOLES AS IDENTIFIED ON EACH PROPOSED SEWER MAIN PROFILE:

MANHOLE BOTTOM SHALL BE LINED WITH EPOXY. THE EPOXY PRODUCT SHALL BE RAVEN 405 MANUFACTURED BY RAVEN LINING SYSTEMS, OR APPROVED EQUAL.

THE PRIMER MATERIAL SHALL BE 100% SOLIDS, MOISTURE TOLERANT EPOXY CAPABLE OF SPRAY APPLICATION TO 5 MILS THICKNESS IN ONE CONTINUOUS COAT.

THE LINING MATERIAL SHALL BE 100% SOLID, HIGH BUILD EPOXY CAPABLE OF SPRAY APPLICATION TO 125 MILS THICKNESS IN ONE CONTINUOUS COAT. THE MATERIAL SHALL MEET THE REQUIREMENT OF THE SSPWC SECTION 210-2.3.3, 'CHEMICAL RESISTANCE TEST', AND THE SSPWC SECTION 500-2.8.5, 'PERFORMANCE REQUIREMENTS'.

ONLY WORKERS TRAINED BY, AND QUALIFIED AS INSTALLERS BY THE MANUFACTURER, SHALL BE USED ON THIS WORK. CONTRACTOR SHALL PROVIDE MANUFACTURER'S CERTIFICATIONS.

THE EPOXY LINING SHALL BE CONTINUOUS WITHOUT SEAMS, UNIFORM IN COLOR, FULLY CURED, AND FREE OF PINHOLES, SURFACE IMPERFECTIONS, AND BLISTERS. THE LINING MUST COMPLETELY BOND TO THE CONCRETE. THE COLOR SHALL BE LIGHT BLUE.

TESTING OF MANHOLE

THE CURED EPOXY LINING SHALL BE SPARK TESTED FOR PINHOLES AT 15,000 VOLTS MINIMUM. ALL PINHOLES SHALL BE REPAIRED AS SPECIFIED IN SECTION 500-2.4.5, 'LINEAR REPAIR' OF THE 'GREEN BOOK' STANDARD SPECIFICATIONS.

TABLE OF THRUST BLOCKS			
STA	TYPE	T16S	AREA FT²
32+08	TEE	7,500	7.5
	90° BEND	10,600	10.6
36+80	TEE	7,500	7.5
	90° BEND	10,600	10.6
	VALVE	(SEE WT-01)	
0-03	FIRE HYDRANT		
	TEE	7,500	7.5
	90° BEND	10,600	10.6
3+44	FIRE HYDRANT		
	TEE	7,500	7.5
	90° BEND	10,600	10.6
4+06.56	END PIPE	10,600	10.6

(200 PSI / BEARING 1500 PSF S.F.=1.5)

ENGINEER OF WORK



VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

DATE



COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

DESCRIPTION FOUND STANDARD STREET MONUMENT
STATION ROS11252 PT 1040 PER MAP 9524
LOCATION ON CENTERLINE OF WELLINGTON HILL DRIVE 5'
SWLY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION 516.95 DATUM MSL

PLANS STRIPPING GENERAL NOTES

THERMOPLASTIC TRAFFIC STRIPES, THERMOPLASTIC PAVEMENT MARKINGS, AND PAVEMENT MARKERS

CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONFLICTING AND REDUNDANT TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS IN THIS PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL NEW TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS FOR THIS PROJECT. INSTALLATION OF THERMOPLASTIC TRAFFIC STRIPES AND THERMOPLASTIC PAVEMENT MARKINGS SHALL CONFORM TO SECTION 84-1, "GENERAL" AND 84-2, "TRAFFIC STRIPES AND PAVEMENT MARKINGS", OF THE MOST CURRENT CAL TRANS STANDARD SPECIFICATIONS AND THE FOLLOWING: CONTROL OF THE ALIGNMENT AND LAYOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SUBJECT TO APPROVAL BY THE ENGINEER. TRAFFIC STRIPES SHALL BE REMOVED BY SANDBLASTING/ GRINDING AND THEN SAND SEALED. CONTRACTOR TO PROVIDE AND INSTALL PAVEMENT MARKERS.

SECTION 84-2.02, "MATERIALS", OF THE STANDARD SPECIFICATIONS IS AMENDED TO READ: THERMOPLASTIC MATERIAL SHALL BE FREE OF LEAD AND CHROMIUM, AND SHALL CONFORM TO THE REQUIREMENTS IN STATE SPECIFICATION PTH-02SPRAY, PTH-02HYDRO, OR PTH-02ALKYD. FOR EACH BATCH OF THERMOPLASTIC MATERIAL FOR TRAFFIC STRIPES AND PAVEMENT MARKINGS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER:

1. CERTIFICATE OF COMPLIANCE UNDER SECTION 6-2.03C, "CERTIFICATES OF COMPLIANCE," OF THE STANDARD SPECIFICATIONS
2. DEPARTMENT'S MATERIALS ENGINEERING AND TESTING SERVICES NOTIFICATION LETTER STATING THAT THE MATERIAL IS APPROVED FOR USE
3. MATERIAL SAFETY DATA SHEET

GLASS BEADS MAYBE APPLIED BY HAND ON THERMOPLASTIC PAVEMENT MARKINGS. THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE FREE OF RUNS, BUBBLES, CRATERS, DRAG MARKS, STRETCH MARKS, AND DEBRIS. THE SURFACE OF THE THERMOPLASTIC MATERIAL UPON APPLICATION SHALL PROVIDE A MINIMUM SKID RESISTANCE VALUE OF 60 BPN WHEN TESTED ACCORDING TO ASTM E 303. DOCUMENTATION DETAILING MANUFACTURE'S MINIMUM SKID RESISTANCE FOR PERFORMED THERMOPLASTIC MATERIAL SHALL BE PROVIDED TO THE ENGINEER PRIOR TO COMMENCEMENT OF TRAFFIC STRIPES AND PAVEMENT MARKING OPERATIONS.

PAVEMENT MARKER SHALL CONFORM TO SECTION 81-3, "PAVEMENT MARKERS," OF THE MOST CURRENT CAL TRANS STANDARD SPECIFICATIONS, AND THE FOLLOWING PROVISIONS: PAVEMENT MARKER HEIGHT SHALL BE 0.70-INCH MINIMUM. "LOW PROFILE" TYPE MARKERS WILL NOT BE ACCEPTABLE.

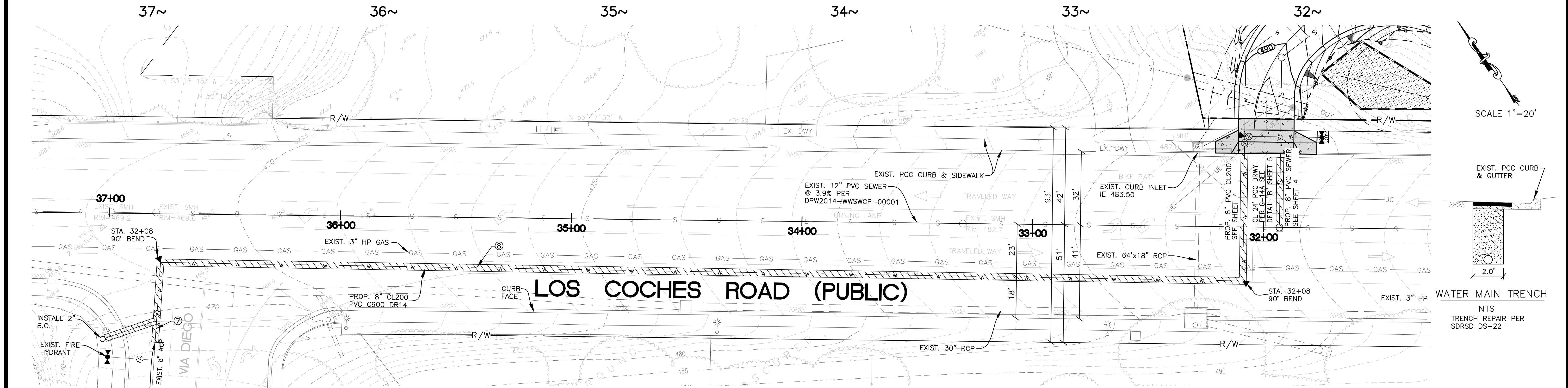
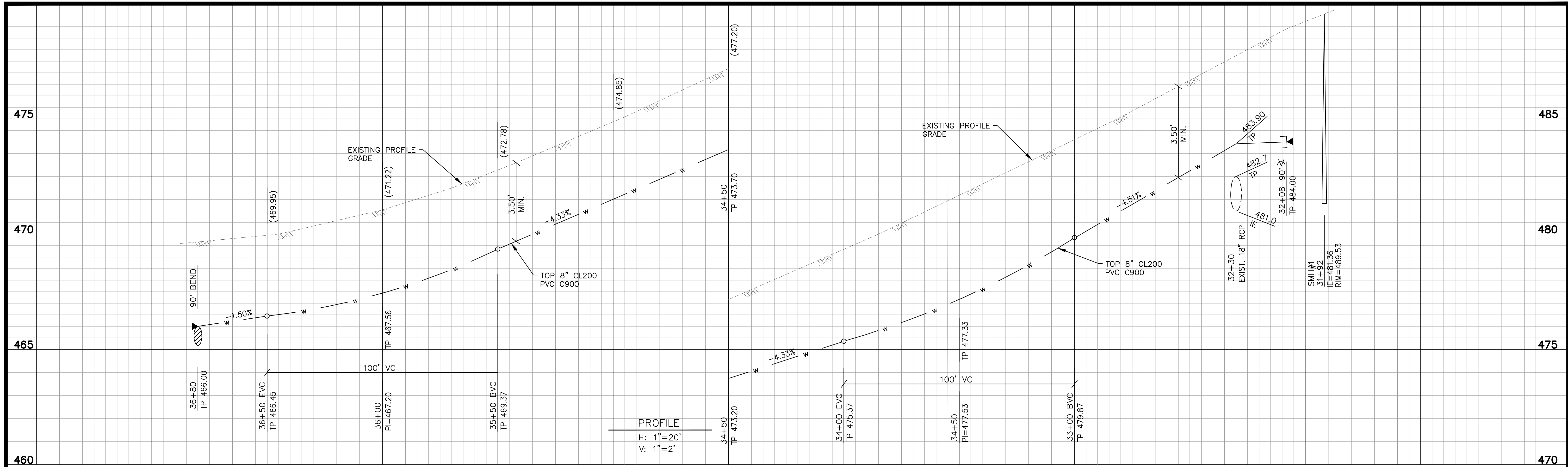
SPECIFIC SEWER CONSTRUCTION NOTES

CONTRACTOR SHALL FURNISH A FLOW CONTAINMENT/CONTROL PLAN (CONNECTION POINTS OF EXISTING PIPE TO NEW PIPE) TO THE SAN DIEGO COUNTY SANITATION DISTRICT FOR REVIEW AND APPROVAL. CONTACT DAVID WILLIAMS AT (858) 694- 2678.

STANDBY IS REQUIRED BY THE SAN DIEGO COUNTY SANITATION DISTRICTS FIELD OFFICE. CONTACT THE DISTRICT FIELD OFFICE FIVE (5) DAYS IN ADVANCE AT (619) 496-7110 (GARY HARRIS)

THE DEVELOPER IS RESPONSIBLE FOR ANY AND ALL SEWER SPILLS (THAT MAY OCCUR AS A RESULT OF THE SEWER MAIN INSTALLATION AND/OR BY-PASS PUMPING, AND IS RESPONSIBLE FOR ANY FINES IMPOSED BY THE REGULATORY AGENCIES THAT OCCUR AS A RESULT OF THE SEWER SPILLS.

PRIVATE CONTRACT			
SHEET 2	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS	
IMPROVEMENT PLAN FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204			
CALIFORNIA COORDINATE INDEX		242-1791	
RECOMMENDED FOR APPROVAL N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER: BY: _____ DATE: _____		
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: APPROVAL DATE:	IMPROVEMENT PLAN NO. TPM 21204	PDS2015-LINING-40000



RECORD PLAN

NAME: _____

R.C.E. _____

DATE: _____

RUN	BEARING	LENGTH	TOP OF PIPE BEGINNING	TOP OF PIPE END	% SLOPE	STATION
⑦	N39°50'42"E	34.71'	468.20	466.00	-12.43%	36+80
⑧	S52°22'13"E	469.14'	466.00	484.00	3.83%	36+80

FOR WORK IN THE COUNTY RIGHT-OF-WAY:
A CONSTRUCTION PERMIT WILL BE REQUIRED
FOR ALL WORK DONE WITHIN THE COUNTY
RIGHT-OF-WAY, SEE CONSTRUCTION PERMIT
NUMBER: _____

CONNECTION NOTE
CONTRACTOR TO PROVIDE ALL EXCAVATION MATERIAL, BACKFILL AND
POTHOLING OF EXISTING WATERLINE TO COMPLETE THE TIE-IN. TIE-IN
WILL BE A STRAIGHT CONNECTION CONSTRUCTED PER WATER AGENCY
STANDARDS.

NOTE:
CONTRACTOR TO VERIFY SEWER MAIN DEPTH
BEFORE LAYING NEW SEWER MAIN

ENGINEER OF WORK

VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

DATE _____

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

AP CONSULTING
CIVIL ENGINEERING - WATER RESOURCES
Tel. 619-227-8941
2371 Fenton Street, Suite 100
Chula Vista, CA 91914

BENCH MARK

DESCRIPTION FOUND STANDARD STREET MONUMENT
STATION ROS11252 PT 1040 PER MAP 9524
LOCATION ON CENTERLINE OF WELLINGTON HILL DRIVE 5'
SW'LY OF CENTERLINE OF LOS COCHES ROAD

RECORD FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION 516.95 DATUM MSL

PRIVATE CONTRACT

SHEET 3 OF 10 SHEETS

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS

IMPROVEMENT PLAN FOR:
LOS COCHES ROAD WATERLINE

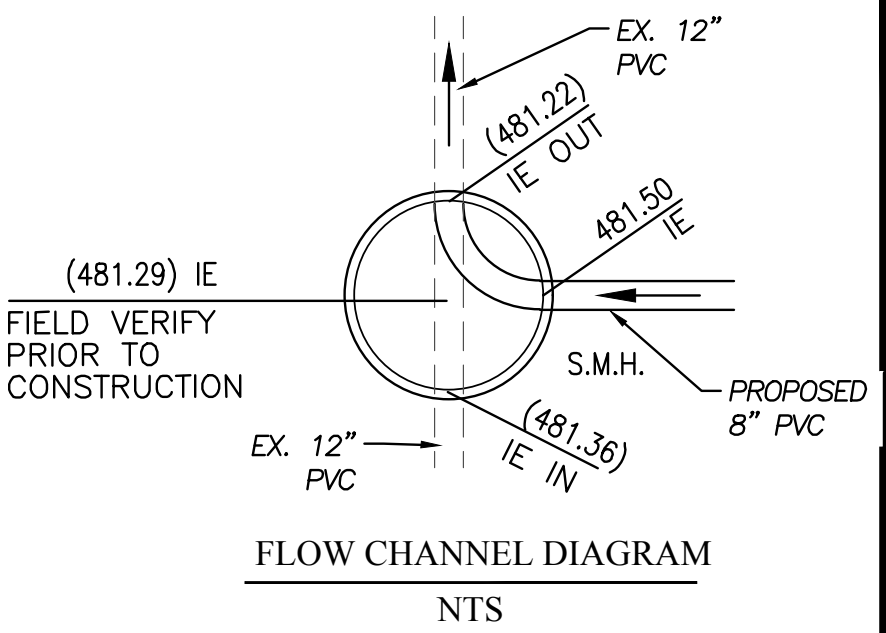
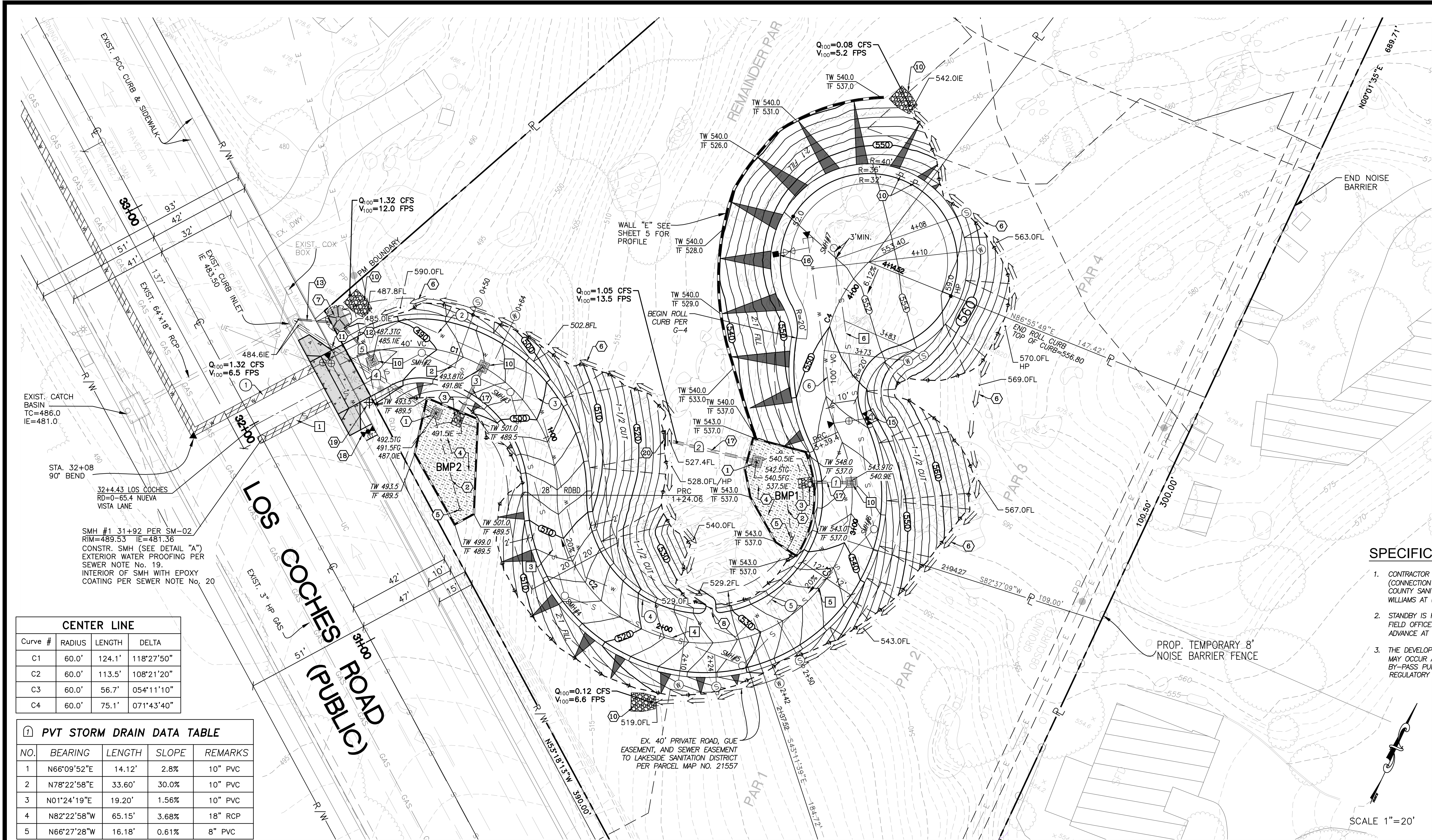
CALIFORNIA COORDINATE INDEX 242-1791

RECOMMENDED FOR APPROVAL N/A

APPROVED WILLIAM P. MORGAN COUNTY ENGINEER:
BY: _____ DATE: _____

ENGINEER OF WORK R.C.E. 18592

CHECKED BY: _____ IMPROVEMENT PLAN NO. TPW 21204
APPROVAL DATE: FDS2015-LDMNP-40000



CONSTRUCTION NOTES

- 24X24 BIO-FILTRATION OUTLET STRUCTURE PER DETAIL 3 ON SHT 8
- 8" PERFORATED UNDERDRAIN
- RIP-RAP MAT PER DETAIL 4 ON SHEET 8
- PVT BIO-FILTRATION FACILITY PER DETAIL 1 ON SHEET 8
- CAPPED CLEANOUT PORT PER TYPICAL BIOFILTRATION DETAIL 5 ON SHEET 8
- BROW DITCH TYPE B PER SDRSD D-75
- PROPOSED TREE WELL PER COUNTY STANDARDS
- PROPOSED SPILL WAY PER SDRSD D-22
- PROPOSED 24"x24" GRATE INLET PER SDRSD D-8
- PROPOSED RIP RAP ENERGY DISSIPATER PER SDRSD D-40
- PROPOSED 18" RCP - CONNECT TO EX. INLET
- PROPOSED 8" PVC - CONNECT TO PROPOSED TREE WELL
- PROPOSED 8" PVC - CONNECT TO EX. INLET
- INSTALL 2 M-9 GUARD POSTS
- INSTALL FIRE HYDRANT STA. 3+43.38 W/ GUARD POST & 5'x5' PCC SLAB FLO=550.00
- INSTALL 2" AV
- INSTALL 10" PVC
- INSTALL HYDRANT W/ GUARD POST & 5'x5' PCC SLAB FLO=489.40
- INSTALL 2-WAY STREET NAME SIGN
- INSTALL SPLASH WALL

SPECIFIC SEWER CONSTRUCTION NOTES

- CONTRACTOR SHALL FURNISH A FLOW CONTAINMENT/CONTROL PLAN (CONNECTION POINTS OF EXISTING PIPE TO NEW PIPE) TO THE SAN DIEGO COUNTY SANITATION DISTRICT FOR REVIEW AND APPROVAL. CONTACT DAVID WILLIAMS AT (858) 694- 2678.
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PRIVATE ROAD CERTIFICATION

ENGINEER'S STATEMENT

I CERTIFY THAT THE PRIVATE ROAD IMPROVMENTS AS SHOWN ON THIS PLAN SATISFIES THE REQUIREMENTS AS STATED IN THE FINAL NOTICE OF AP-PROVAL FOR TPM 21204 AND THE STANDARDS FOR PRIVATE STREETS.

DATE: _____

R.C.E. 18592

INSPECTION BY:

☒ ENGINEER OF WORK

☐ COUNTY

SECURITY REQUIRED:

☒ YES

☐ NO

THE COUNTY IS NOT LIABLE FOR THE DESIGN IN ANYWAY, REVIEWED FOR CLARITY ONLY.

BY: _____ DATE: _____

FOR: WILLIAM P. MORGAN, COUNTY ENGINEER

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO	10
4	DEPARTMENT OF PUBLIC WORKS	SHEETS
IMPROVEMENT PLAN FOR:		
PRIVATE ROAD NUEVA VISTA LANE		
(3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX 242-1791		
RECOMMENDED FOR APPROVAL	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER:	
N/A	BY: _____ DATE: _____	
ENGINEER OF WORK	CHECKED BY: _____	IMPROVEMENT PLAN NO. _____
R.C.E. 18592	APPROVAL DATE: _____	TPM 21204
		PDS2015-LMMIP-40000



ENGINEER OF WORK

VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

DESCRIPTION FOUND STANDARD STREET MONUMENT

STATION ROS11252 PT 1040 PER MAP 9524

LOCATION ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SW'LY OF CENTERLINE OF LOS COCHES ROAD

RECORD FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET

ELEVATION 516.95 DATUM MSL

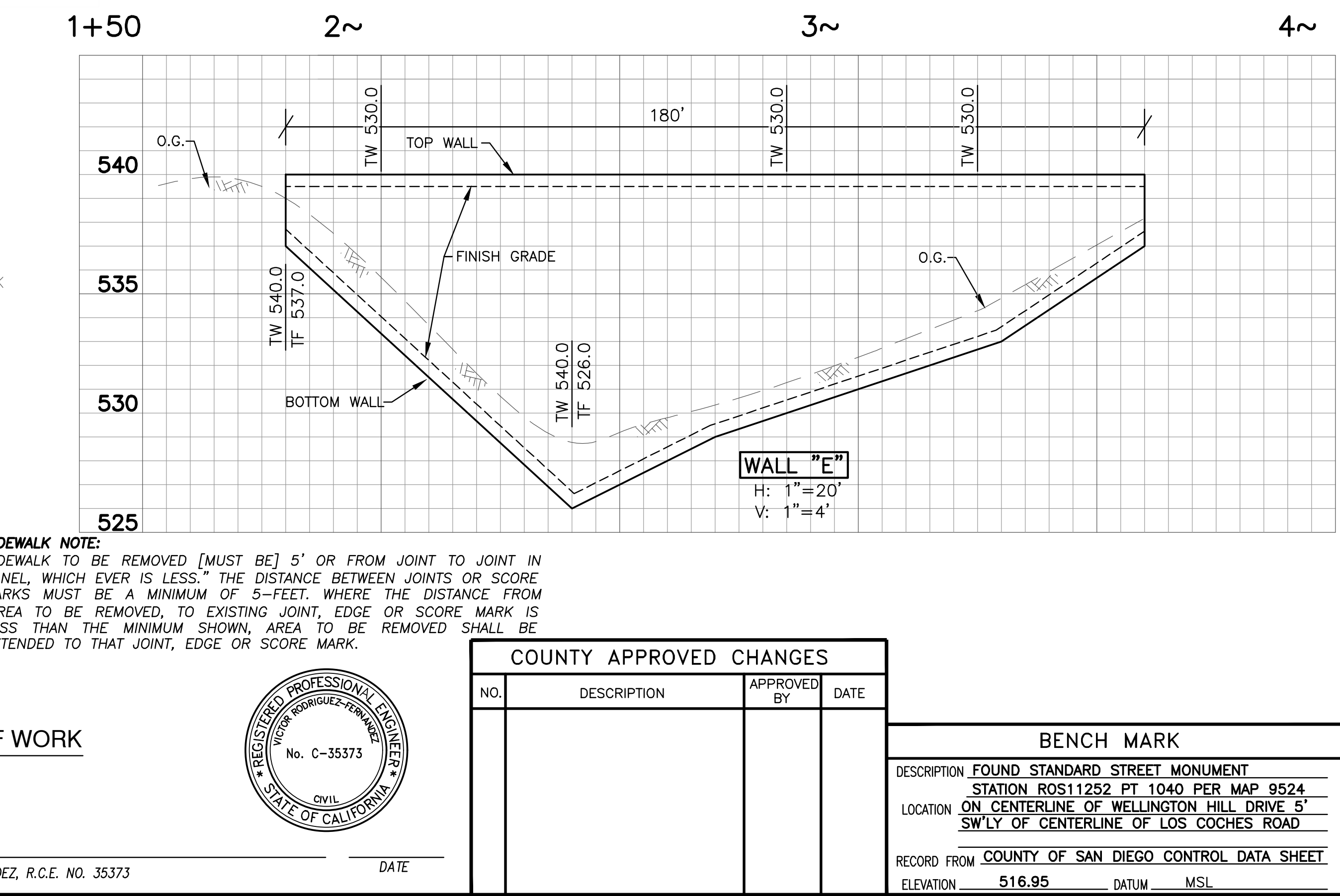
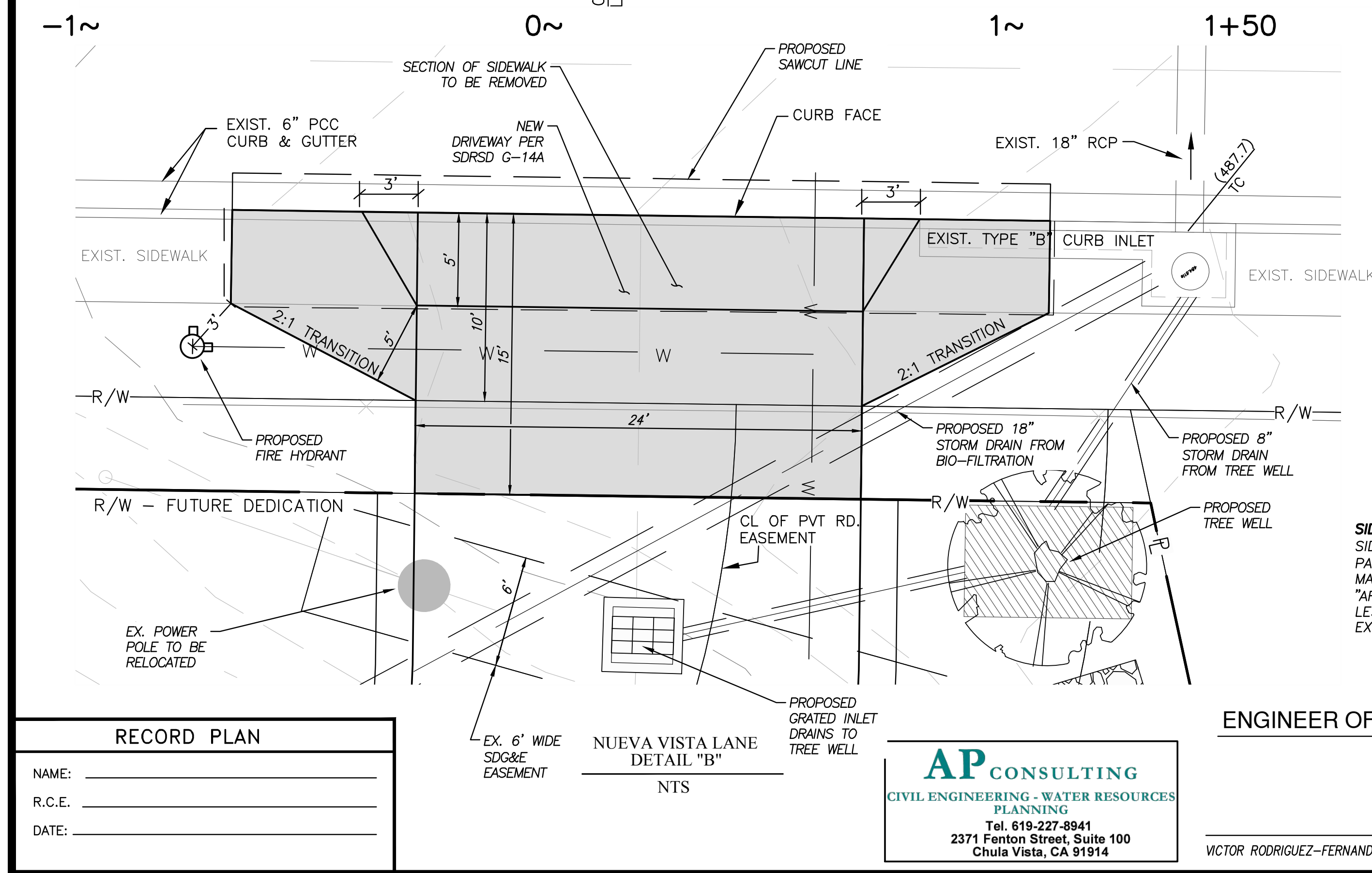
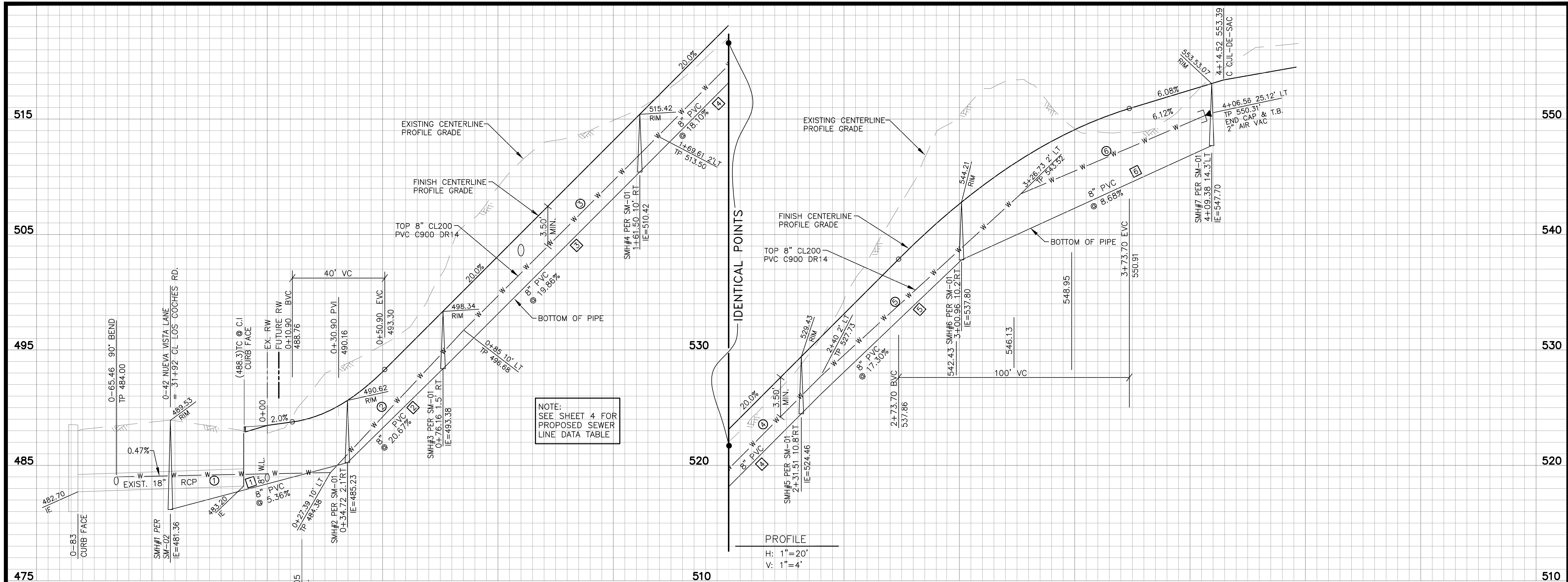
AP CONSULTING

CIVIL ENGINEERING - WATER RESOURCES PLANNING

Tel. 619-227-8941

2371 Fenton Street, Suite 100

Chula Vista, CA 91914



PRIVATE ROAD CERTIFICATION			
ENGINEER'S STATEMENT			
I CERTIFY THAT THE PRIVATE ROAD IMPROVEMENTS AS SHOWN ON THIS PLAN SATISFIES THE REQUIREMENTS AS STATED IN THE FINAL NOTICE OF APPROVAL FOR TPM 21204 AND THE STANDARDS FOR PRIVATE STREETS.			
DATE: _____			
R.C.E. 18592			
INSPECTION BY:			
<input checked="" type="checkbox"/> ENGINEER OF WORK			
<input type="checkbox"/> COUNTY			
SECURITY REQUIRED:			
<input checked="" type="checkbox"/> YES			
<input type="checkbox"/> NO			
THE COUNTY IS NOT LIABLE FOR THE DESIGN IN ANYWAY, REVIEWED FOR CLARITY ONLY.			
BY: _____ DATE: _____			
FOR: WILLIAM P. MORGAN, COUNTY ENGINEER			

PRIVATE CONTRACT			
SHEET 5	COUNTY OF SAN DIEGO	10 SHEETS	
DEPARTMENT OF PUBLIC WORKS			
IMPROVEMENT PLAN FOR:			
PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204			
CALIFORNIA COORDINATE INDEX 242-1791			
RECOMMENDED FOR APPROVAL			
N/A			
APPROVED WILLIAM P. MORGAN, COUNTY ENGINEER			
BY: _____ DATE: _____			
ENGINEER OF WORK			
R.C.E. 18592			
CHECKED BY: _____			
IMPROVEMENT PLAN NO. TPM 21204			
APPROVAL DATE: _____			
FDS2015-LMMIP-40000			

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK	
DESCRIPTION	FOUND STANDARD STREET MONUMENT
STATION	ROS11252 PT 1040 PER MAP 9524
LOCATION	ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SW'LY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM	COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION	516.95
DATUM	MSL

RECORD PLAN	
NAME: _____	
R.C.E. _____	
DATE: _____	

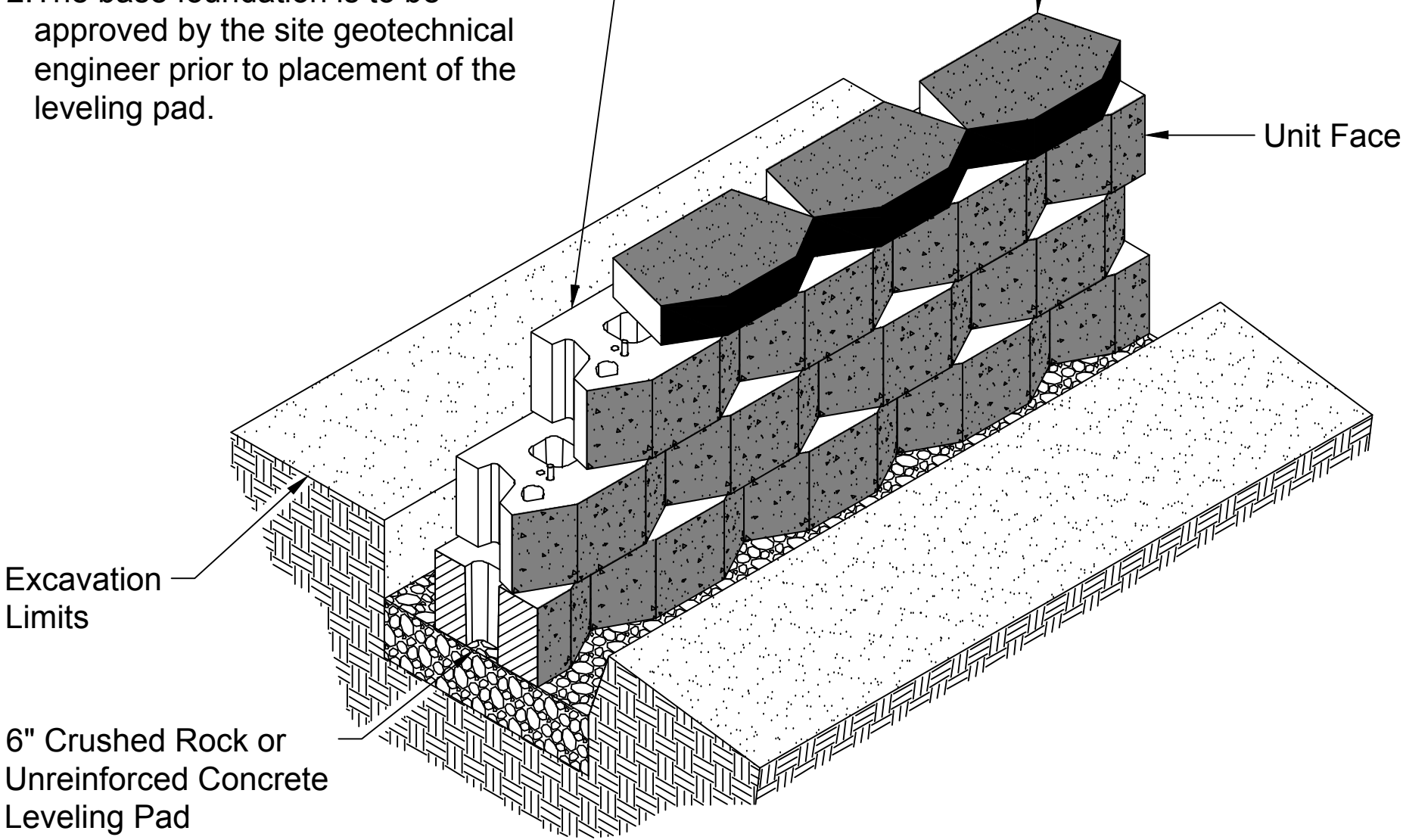
ENGINEER OF WORK	
VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373	
DATE: _____	

AP CONSULTING	
CIVIL ENGINEERING - WATER RESOURCES PLANNING	
Tel. 619-227-8941	
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Chula Vista, CA 91914	

Base Leveling Pad Notes:

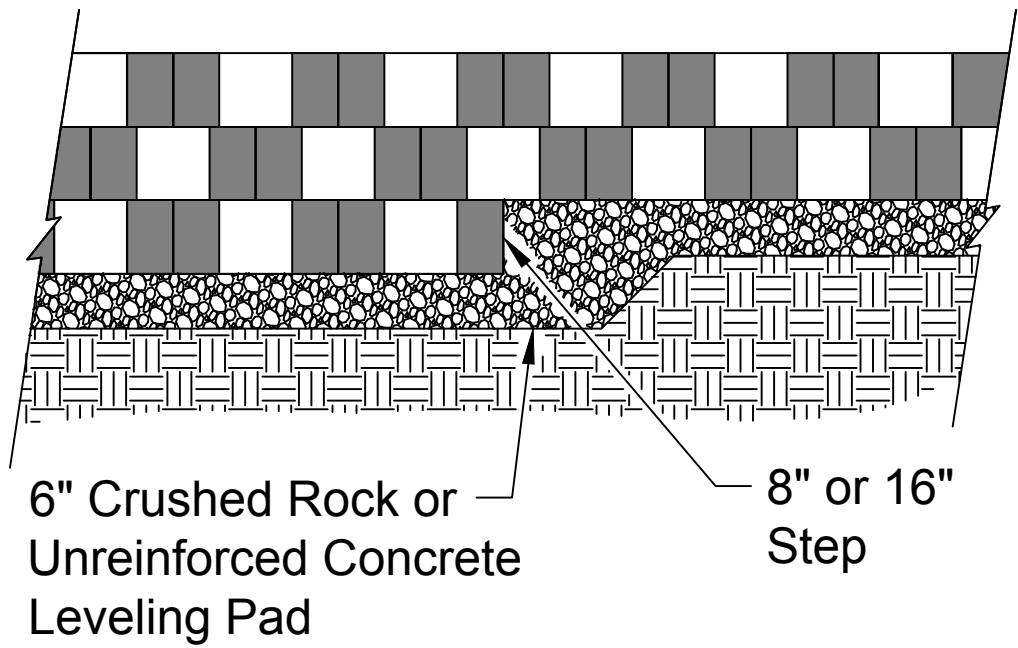
1. The leveling pad is to be constructed of crushed stone or 2,000 psi± unreinforced concrete
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.

Compac Unit		Cap Unit	
Width:	18"	Width:	18"
*Depth:	12"	*Depth:	10 1/2"
Height:	8"	Height:	4"
*Weight:	85 lbs	*Weight:	45 lbs



Compac Unit/Base Pad Isometric Section View

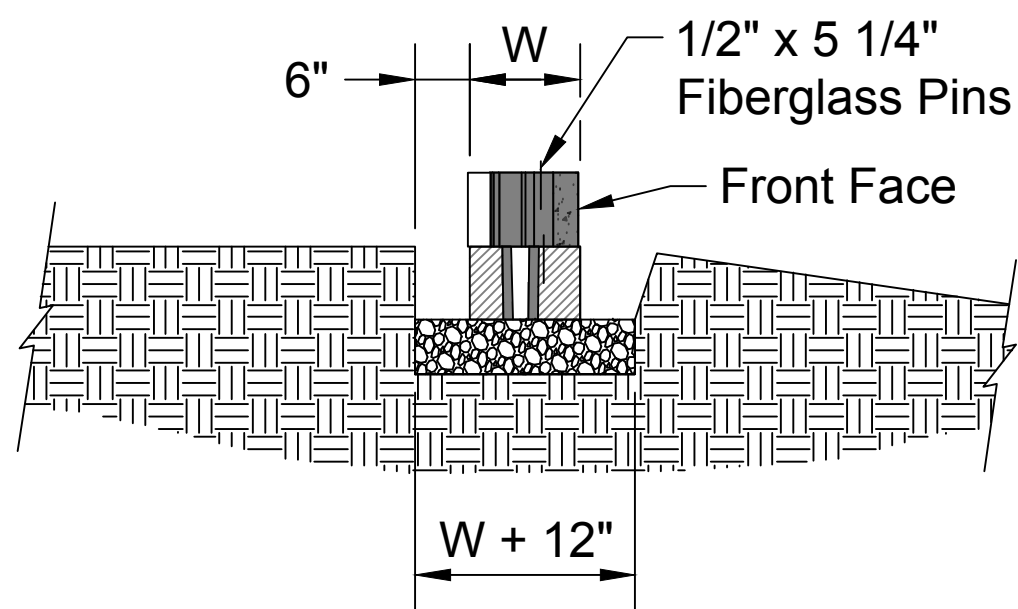
* Dimensions & Weight May Vary by Region



Elevation

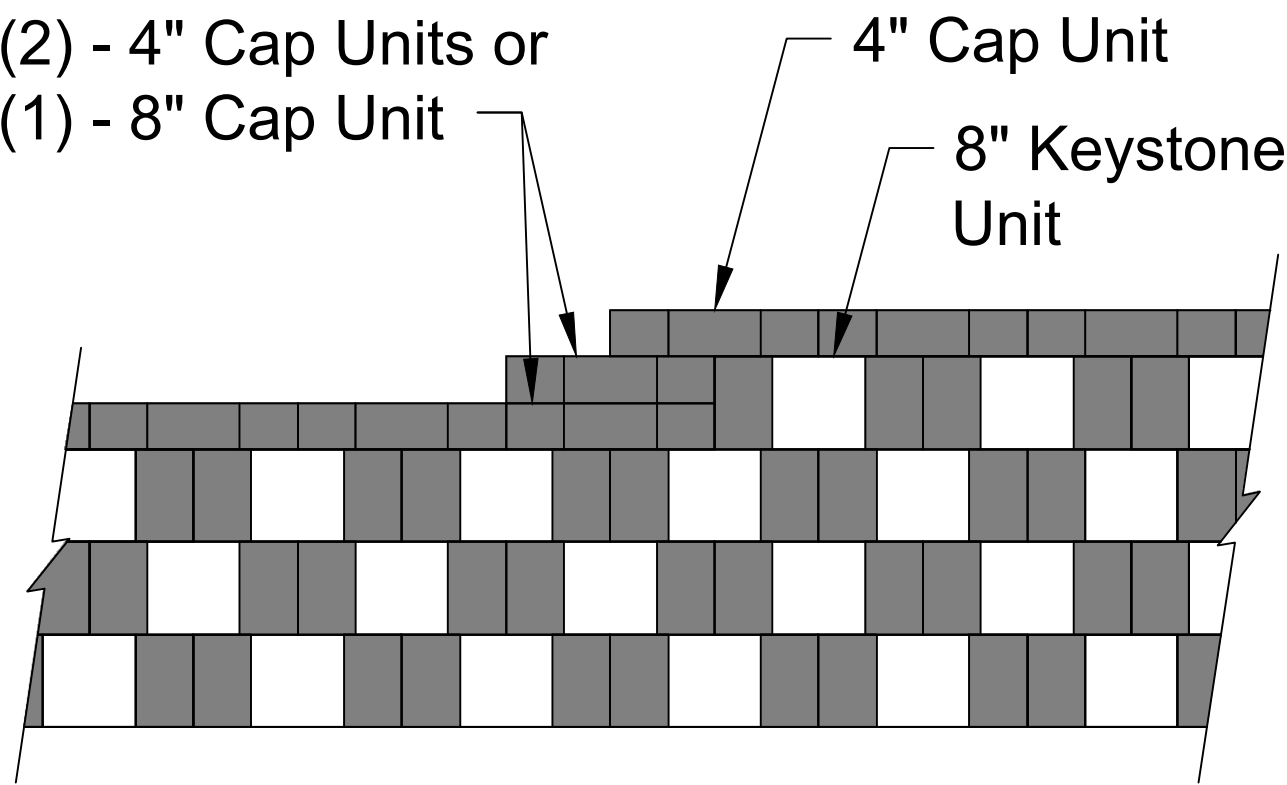
Note:

1. The leveling pad is to be constructed of crushed stone or 2000 psi ± unreinforced concrete.



Section

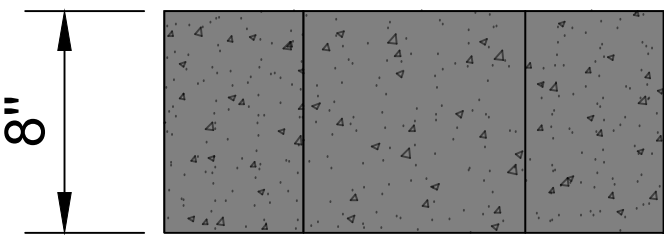
Leveling Pad Detail



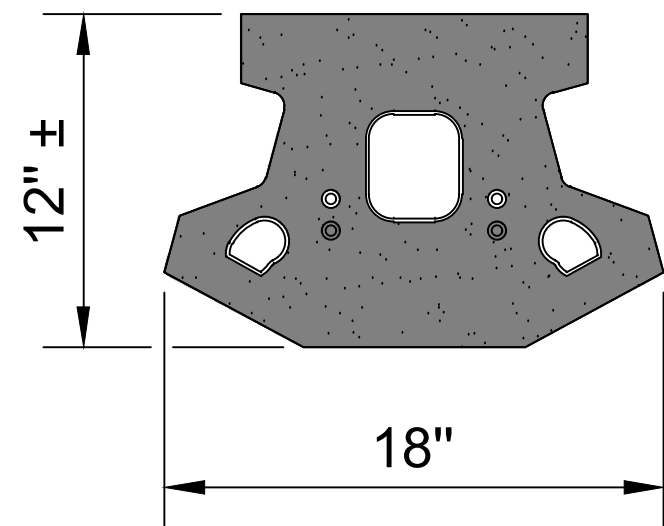
Note:

1. Secure all cap units with Keystone Kapseal or equal.

Top of Wall Steps

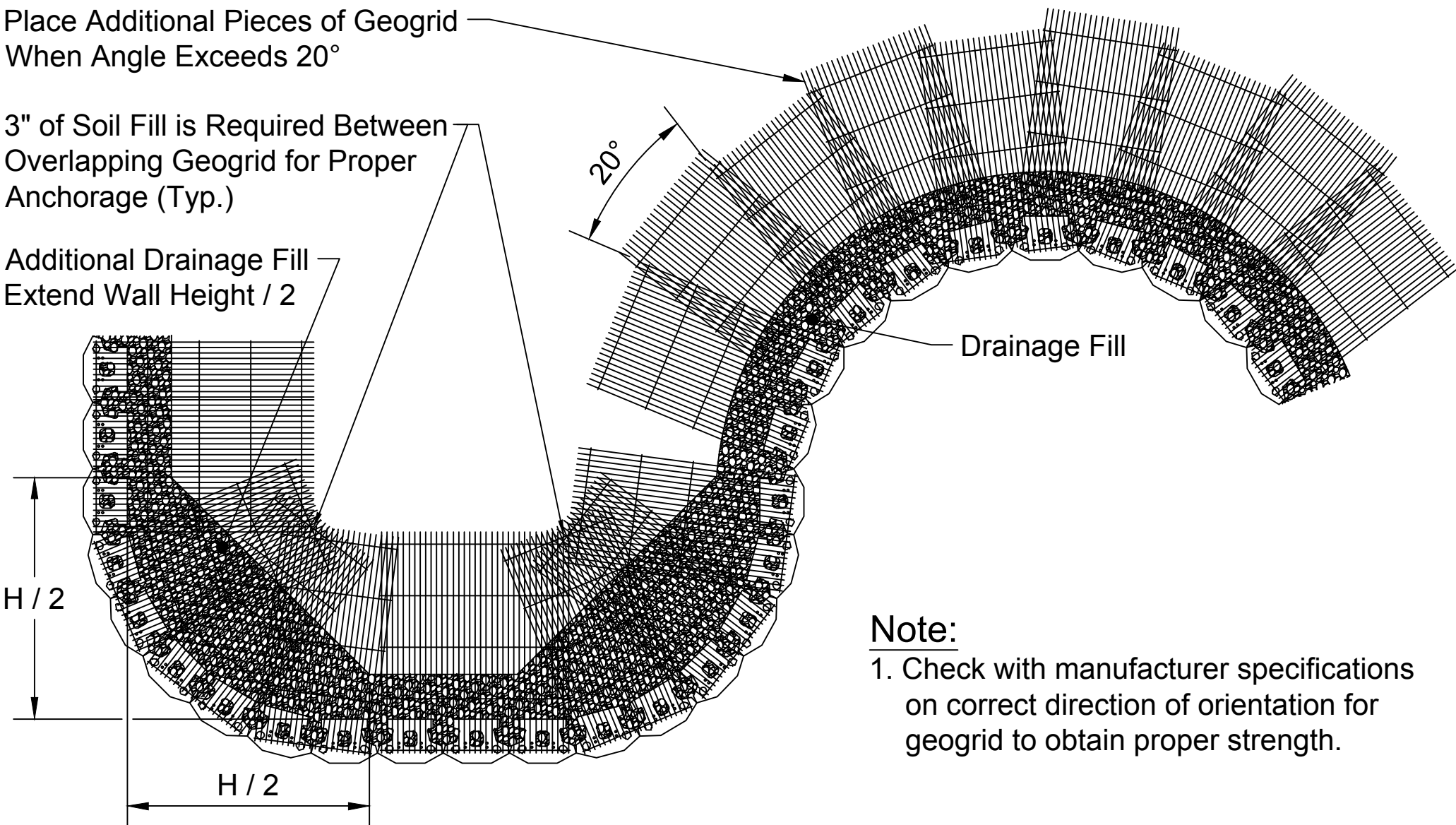


Compac Elevation



Compac Plan

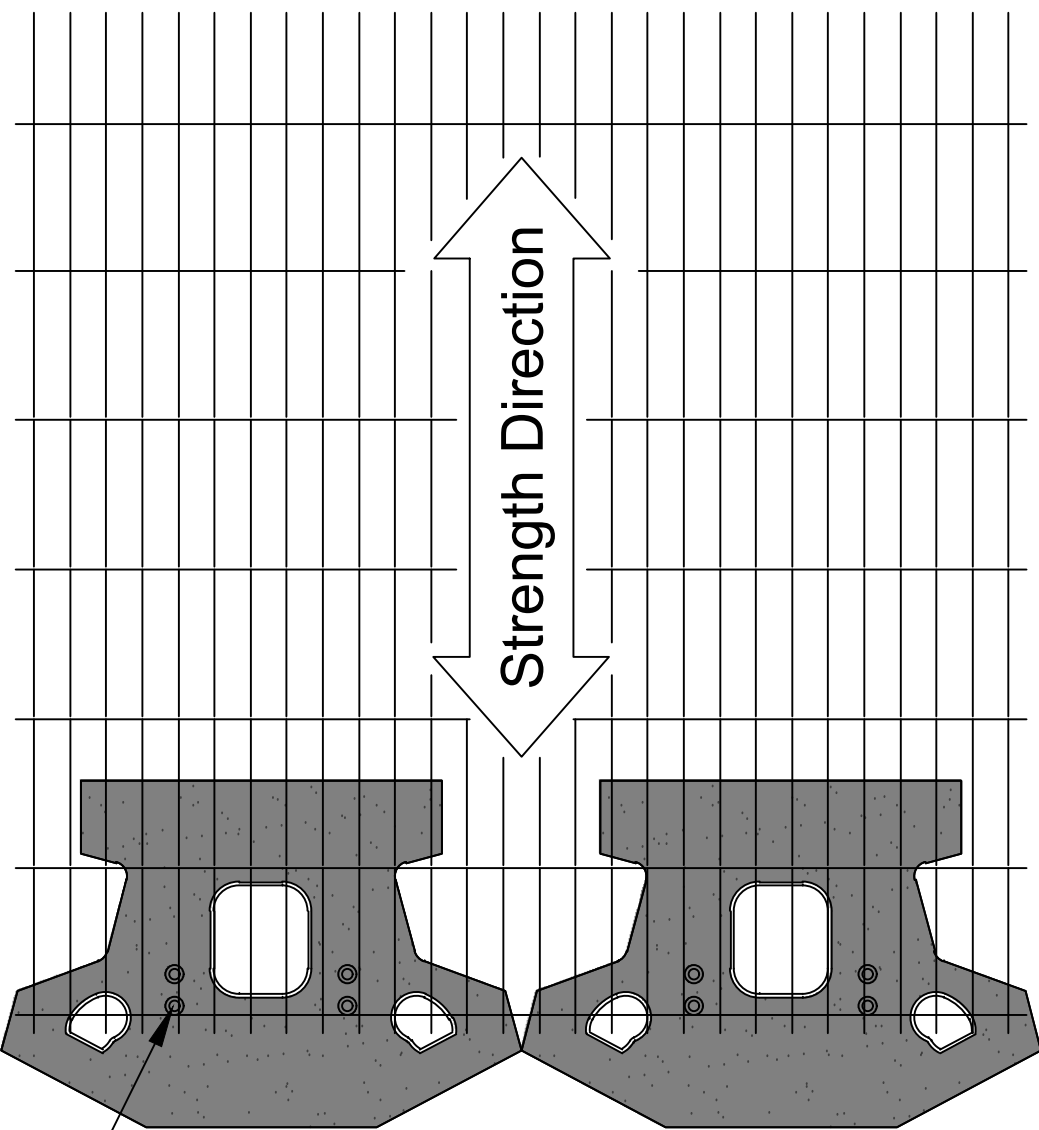
Compac Unit



Note:

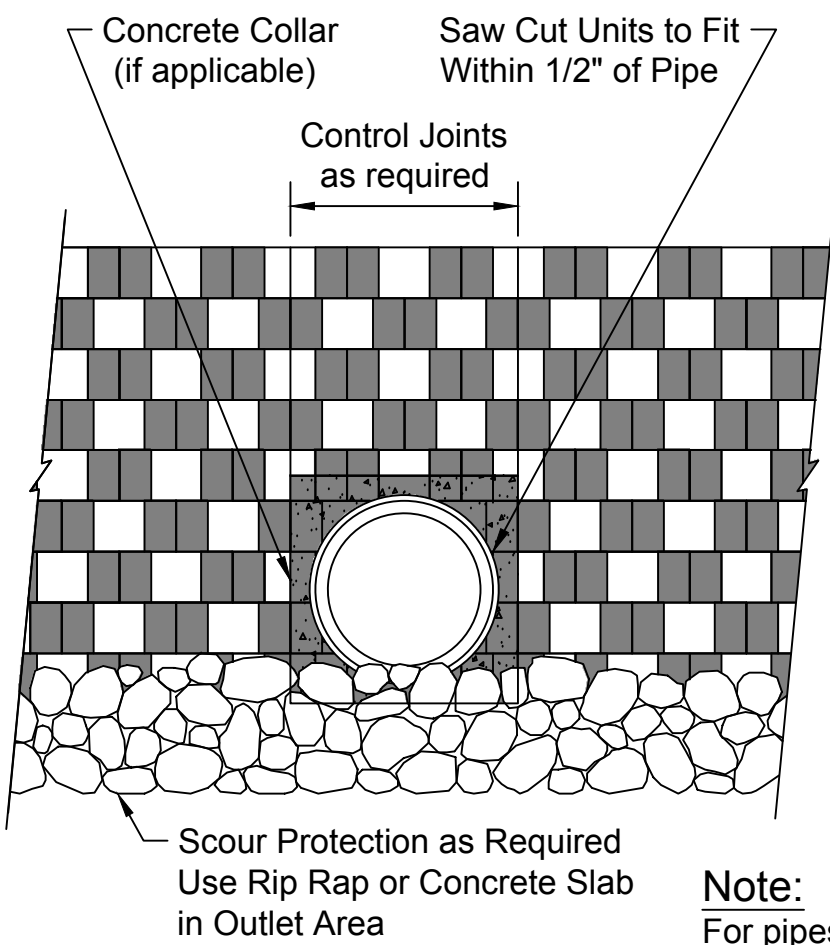
1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.

Geogrid Installation on Curves



Geogrid is to be Placed on Level Backfill and Extended Over the Fiberglass Pins. Place Next Unit. Pull Grid Taught and Backfill. Stake as required.

Grid & Pin Connection



Note:

For pipes larger than 24", a concrete collar may be cast around pipe for ease of construction and appearance.

Typical Pipe Outlet Detail

KEYSTONE RETAINING WALL NOTE:

1. KEYSTONE RETAINING WALLS WILL BE CONSTRUCTED WITH FULL SPECIAL INSPECTION ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. KEYSTONE RETAINING WALLS WILL BE CERTIFIED BY THE ENGINEER OF WORK AS BEING CONSTRUCTED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS.

ENGINEER OF WORK



VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

DATE

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE



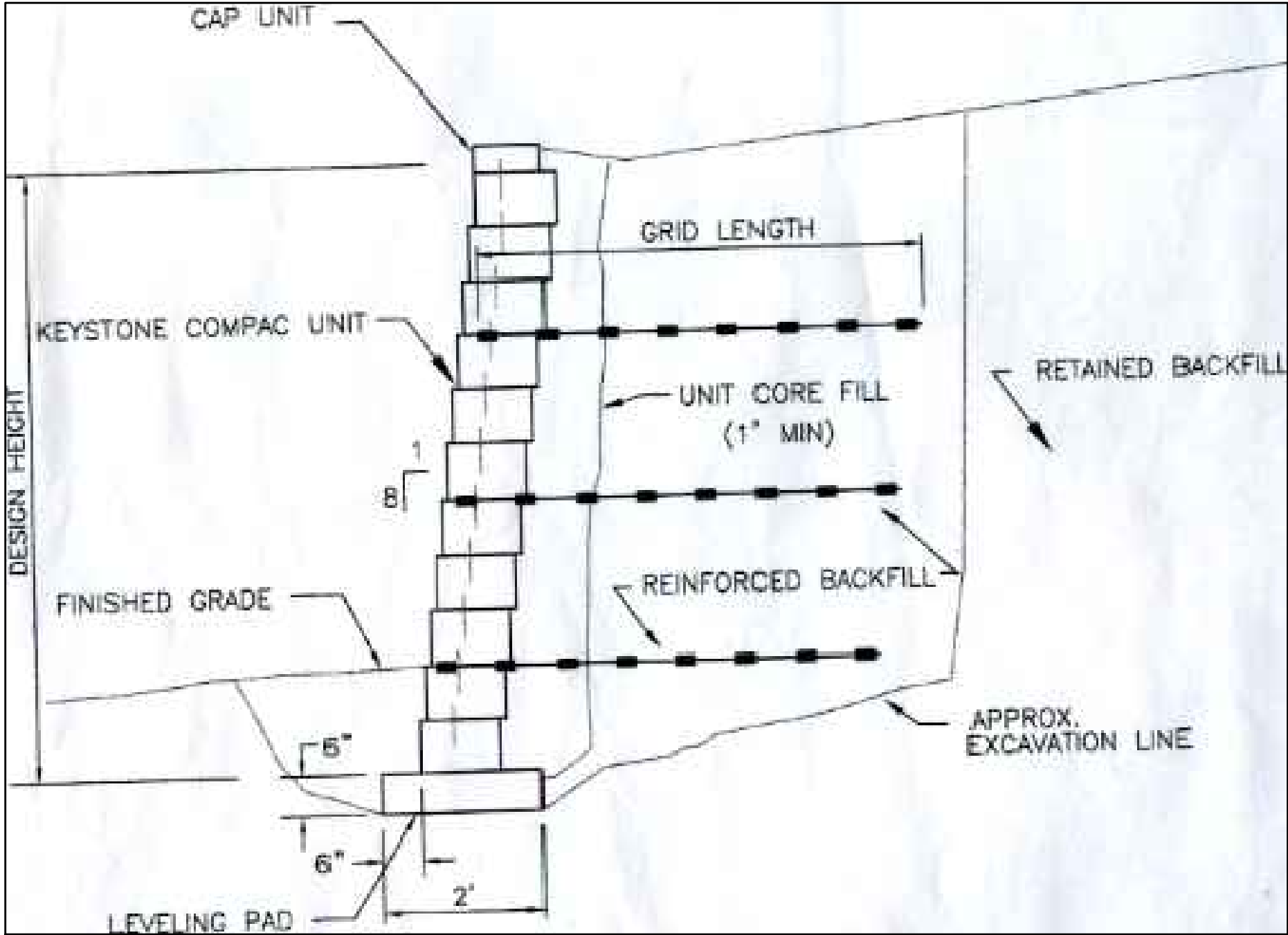
BENCH MARK

DESCRIPTION	FOUND STANDARD STREET MONUMENT
STATION	ROS11252 PT 1040 PER MAP 9524
LOCATION	ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SW'LY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM	COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION	516.95
DATUM	MSL

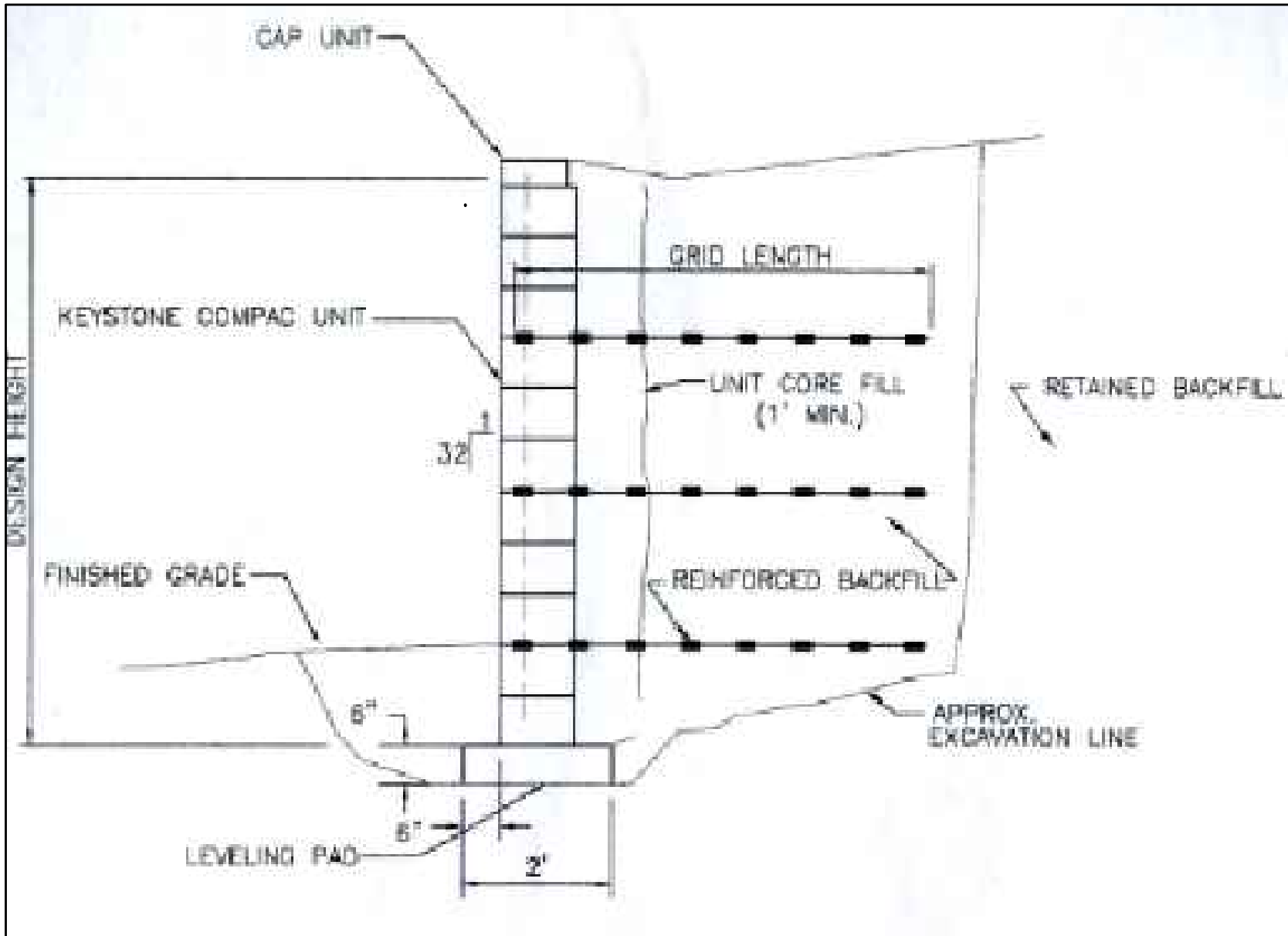
PRIVATE CONTRACT		
SHEET 6	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS
WALL DETAILS FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX 242-1791		
RECOMMENDED FOR APPROVAL N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER: BY: DATE:	
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: IMPROVEMENT PLAN NO. TPM 21204	APPROVAL DATE: PDS2015-LDMNP-40000

RECORD PLAN	
NAME:	
R.C.E.:	
DATE:	

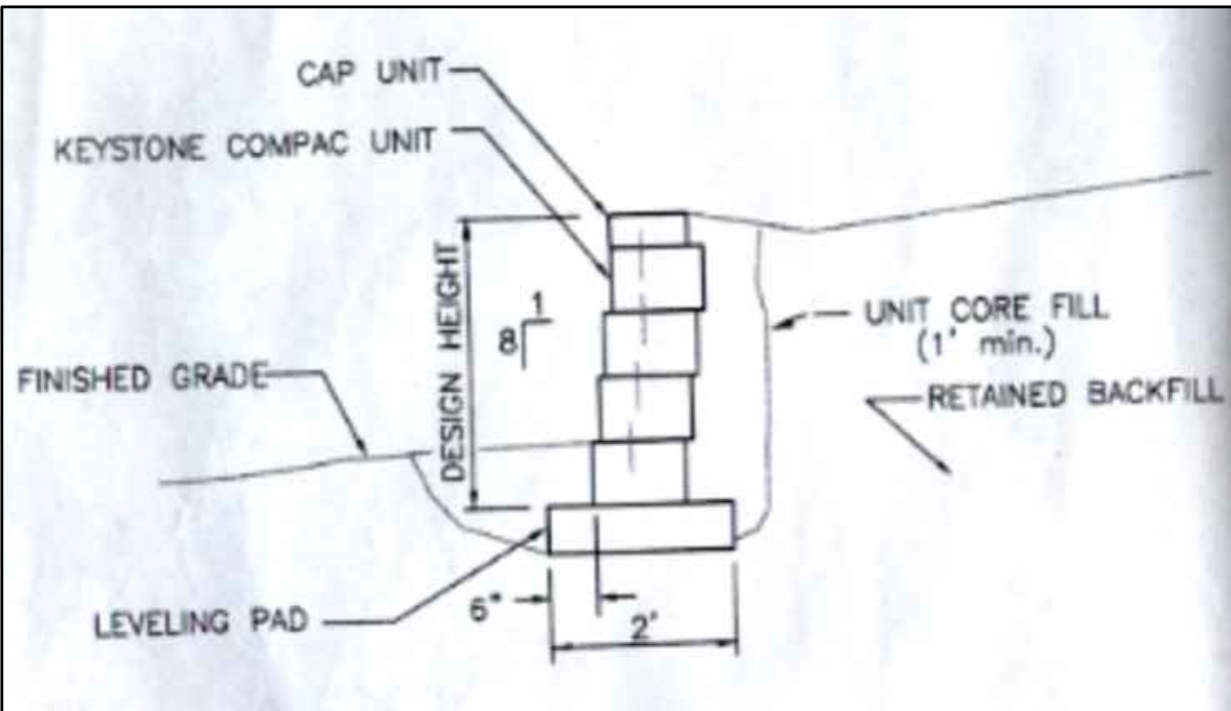
KEYSTONE CROSS SECTIONS - COMPACT UNIT



TYPICAL REINFORCED SECTION
COMPAC UNITS - 1" SETBACK
SCALE: NONE



TYPICAL REINFORCED SECTION
COMPAC UNITS - NEAR VERTICAL WALL
SCALE: NONE



TYPICAL GRAVITY SECTION
COMPAC UNITS - 1" SETBACK
SCALE: NONE



ENGINEER OF WORK

KEYSTONE RETAINING WALL

- 1. KEYSTONE RETAINING WALL WILL BE CONSTRUCTED WITH FULL SPECIAL INSPECTION ACCORDING TO THE MANUFACTURER'S SPECIFICATION.
- 2. KEYSTONE RETAINING WALL WILL BE CERTIFIED BY THE ENGINEER OF WORK AS BEING CONSTRUCTED ACCORDING TO THE MANUFACTURER'S SPECIFICATION.

RECORD PLAN	
NAME:	
R.C.E.	
DATE:	

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

APCONSULTING

CIVIL ENGINEERING - WATER RESOURCES PLANNING

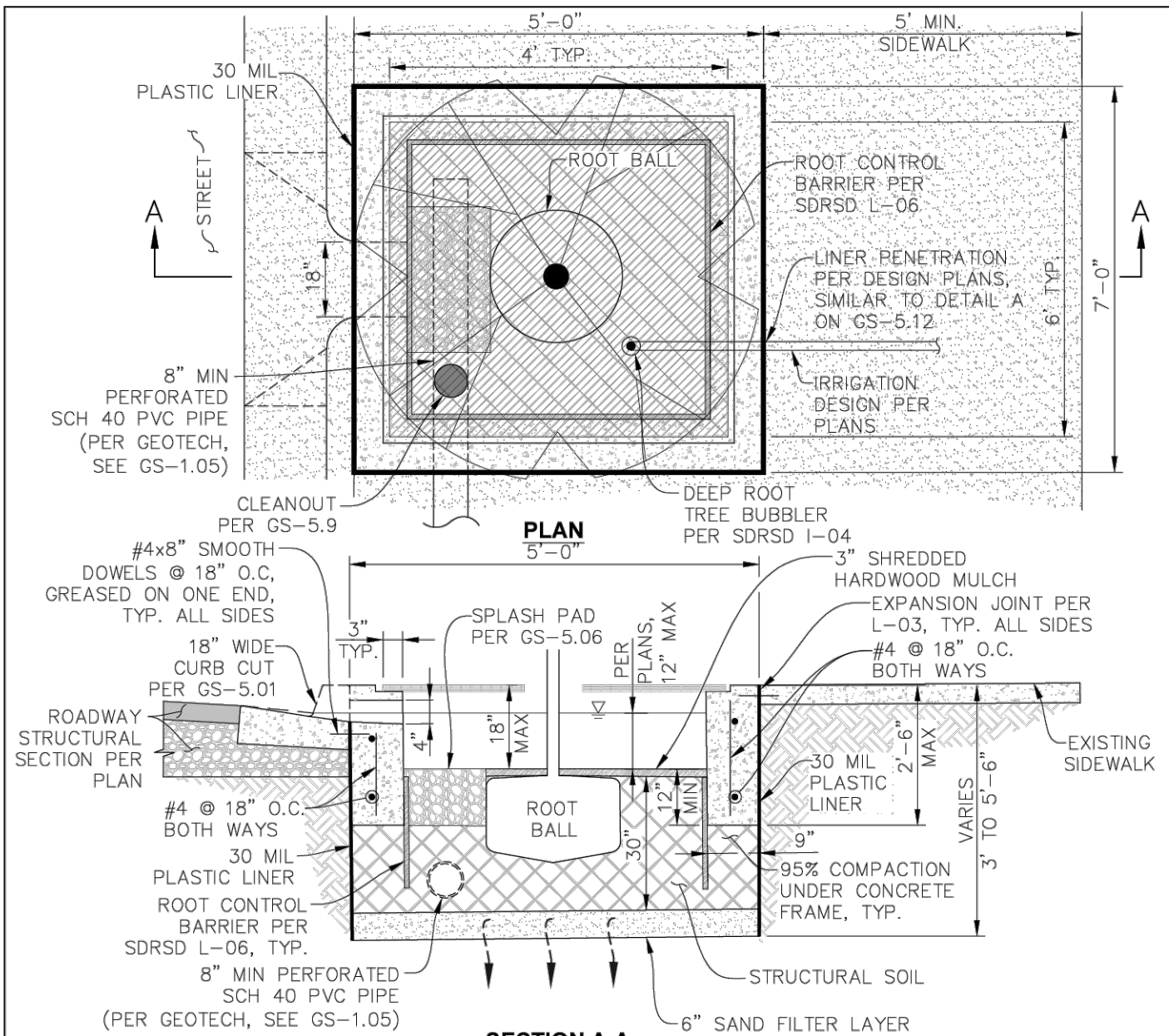
Tel. 619-227-8941

2371 Fenton Street, Suite 100

Chula Vista, CA 91914

BENCH MARK	
DESCRIPTION	FOUND STANDARD STREET MONUMENT
STATION	ROS11252 PT 1040 PER MAP 9524
LOCATION	ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SW'LY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM	COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION	516.95
DATUM	MSL

PRIVATE CONTRACT		
SHEET 7	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS
WALL SECTIONS FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX 242-1791		
RECOMMENDED FOR APPROVAL N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER BY: DATE:	
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: IMPROVEMENT PLAN NO. TPM 21204	APPROVAL DATE: PDS2015-LDMNP-40000



DESIGN NOTES:

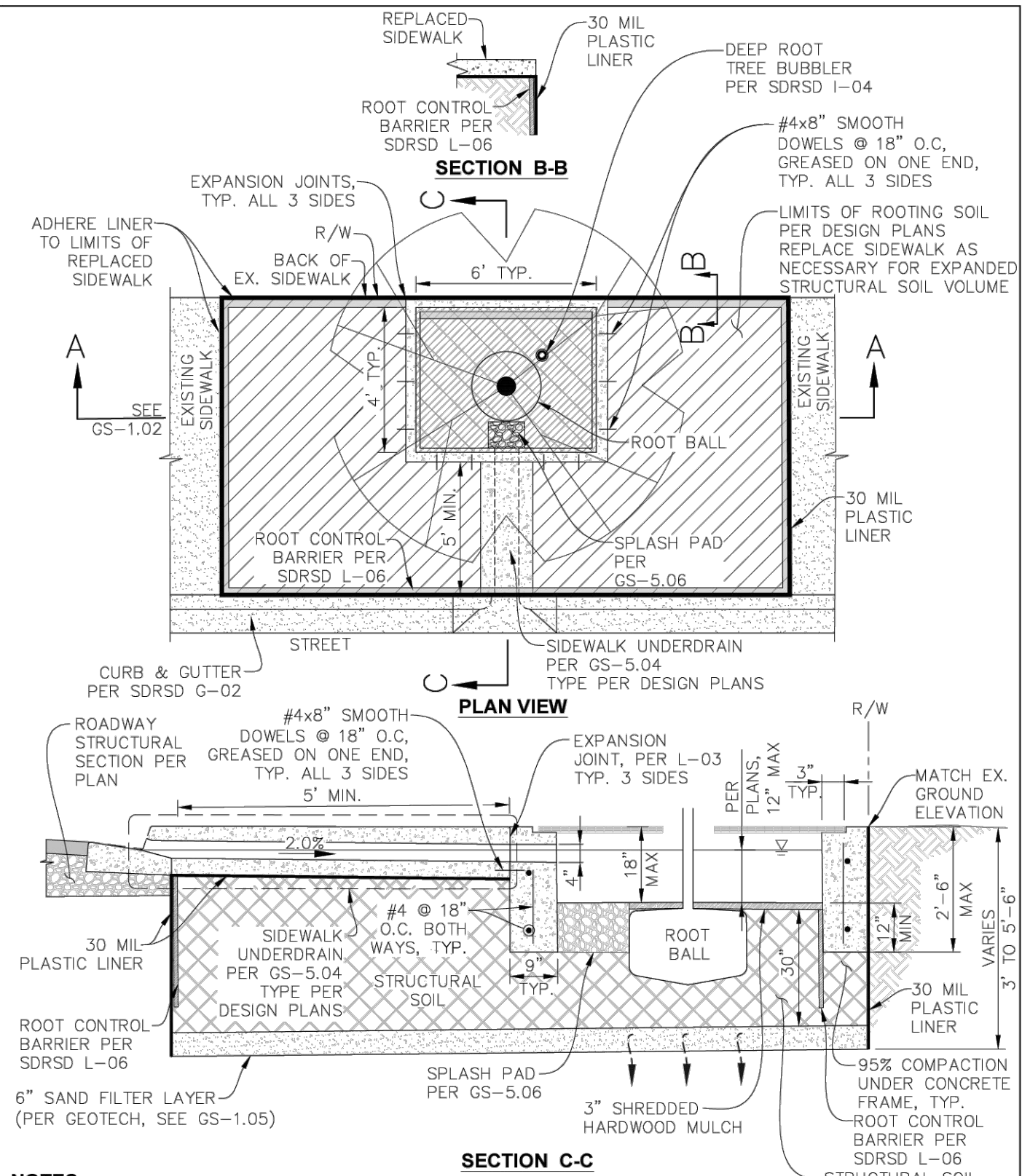
- STREET IMPROVEMENTS AND DRAINAGE STRUCTURES SHALL BE CONSTRUCTED ACCORDING TO THE LATEST SAN DIEGO REGIONAL STANDARD DRAWINGS AND CALTRANS STANDARD PLANS.
- CONCRETE SHALL BE 520-C-2500 UNLESS OTHERWISE SPECIFIED.
- SEE SDRSD DWG L-01 THROUGH L-06 FOR LANDSCAPING DETAILS NOT SPECIFIED HEREIN. (TREE GRATE PER SDRSD L-04).
- MINIMUM OPEN TREE PLANTING SPACE DIMENSION 4'x6'.
- PROVIDE 30 MIL PLASTIC LINER WHERE CONCRETE WILL BE POURED ON TOP OF STRUCTURAL SOIL.
- SEAL PLASTIC LINER TO ADJACENT IMPROVEMENTS AND EDGE RESTRAINTS PER GS-5.15.
- WHEN SAND FILTER LAYER IS OMITTED, PROVIDE GEOTEXTILE BENEATH THE STRUCTURAL SOIL LAYER PER PROJECT-SPECIFIC GEOTECHNICAL RECOMMENDATIONS.
- PROPOSED SIDEWALK LOCATIONS & INTENDED ADA ROUTES PER PROJECT-SPECIFIC DESIGN PLANS.
- FOR TREE WELL SUBSURFACE DRAINAGE TYPES, SEE DWG GS-1.05.
- ALL STRUCTURAL SOILS ARE COMPACTED TO 95% RELATIVE COMPACTION.

REVISIONS	APPROVED	DATE
ORIGINAL		10-01-2019
REVISED		03-08-2021

TREE WELL GENERAL DESIGN GUIDANCE

DRAWING NOT TO SCALE

GS-1.00



NOTES:

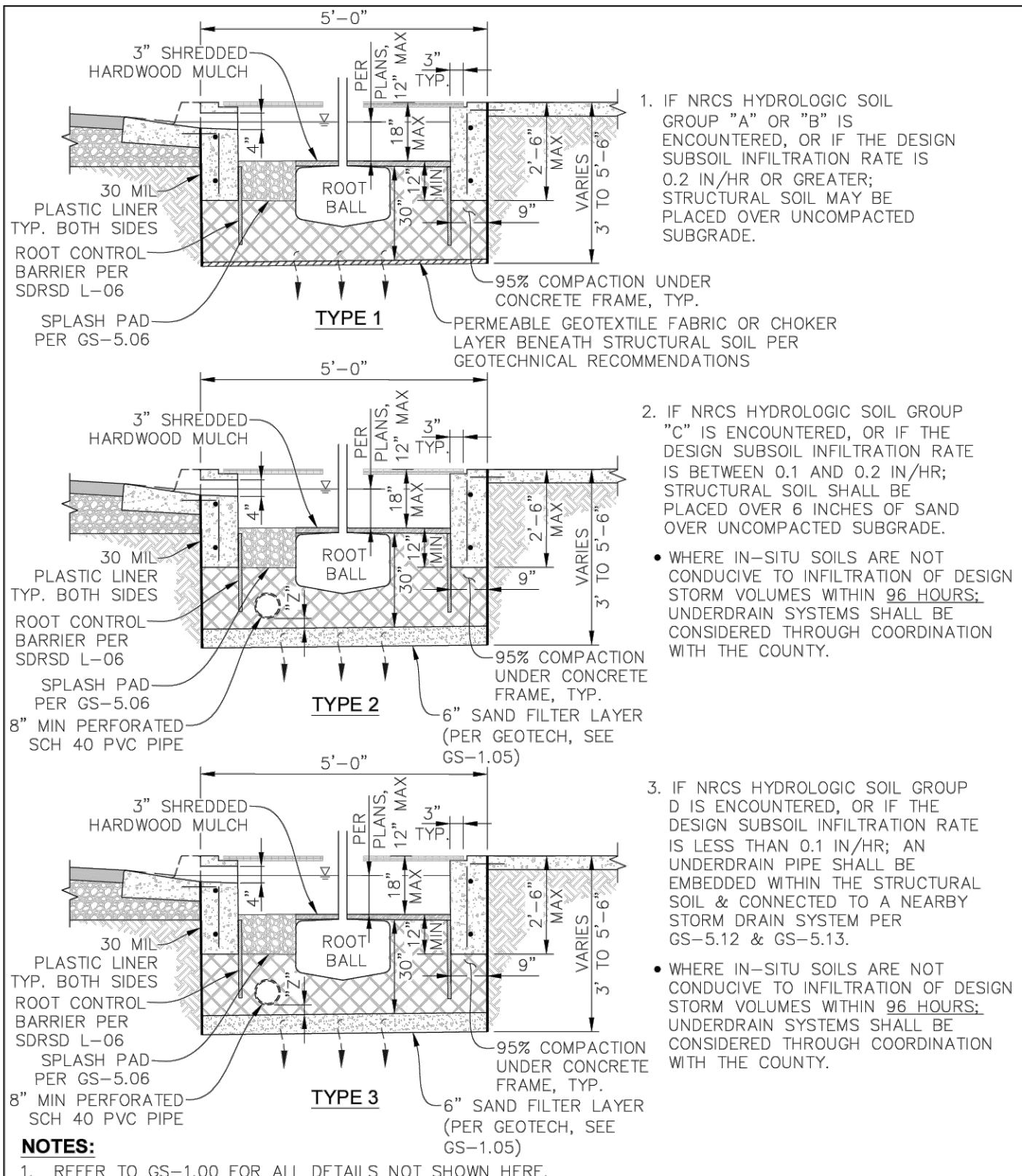
- REFER TO GS-1.00 FOR ALL DETAILS NOT SHOWN HERE.
- TREE SIZE & TYPE PER DESIGN PLANS.

REVISIONS	APPROVED	DATE
ORIGINAL		10-01-2019
REVISED		03-08-2021

TREE WELL ADJACENT TO RIGHT-OF-WAY

DRAWING NOT TO SCALE

GS-1.03



NOTES:

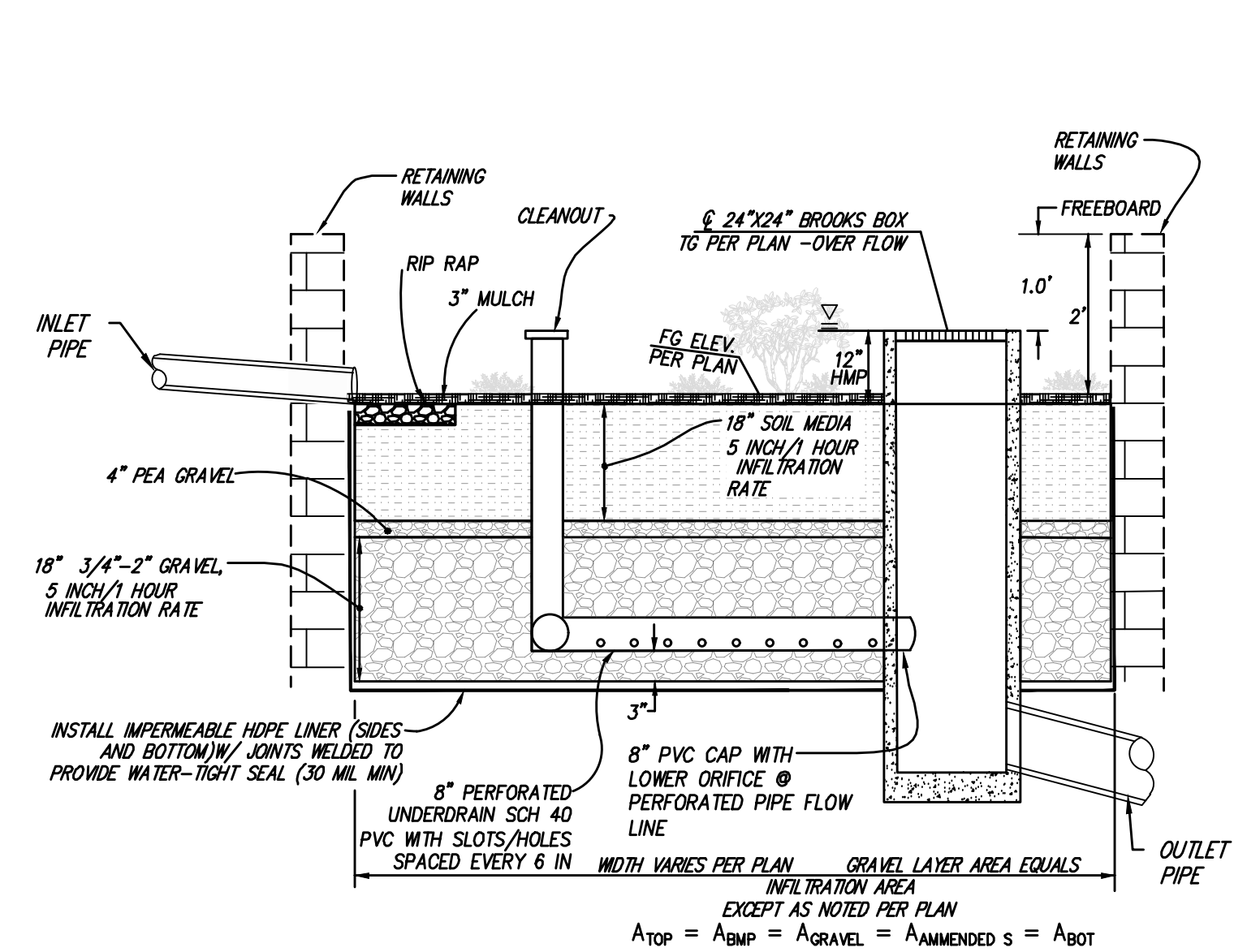
- REFER TO GS-1.00 FOR ALL DETAILS NOT SHOWN HERE.
- THE DESIGN SUBSOIL INFILTRATION RATE IS EQUAL TO THE MEASURED INFILTRATION RATE MULTIPLIED BY A FACTOR OF SAFETY. SEE COUNTY BMP DESIGN MANUAL APPENDIX D FOR FURTHER DETAILS.

REVISIONS	APPROVED	DATE
ORIGINAL		10-01-2019
REVISED		03-08-2021

TREE WELL SUBSURFACE DRAINAGE TYPES

DRAWING NOT TO SCALE

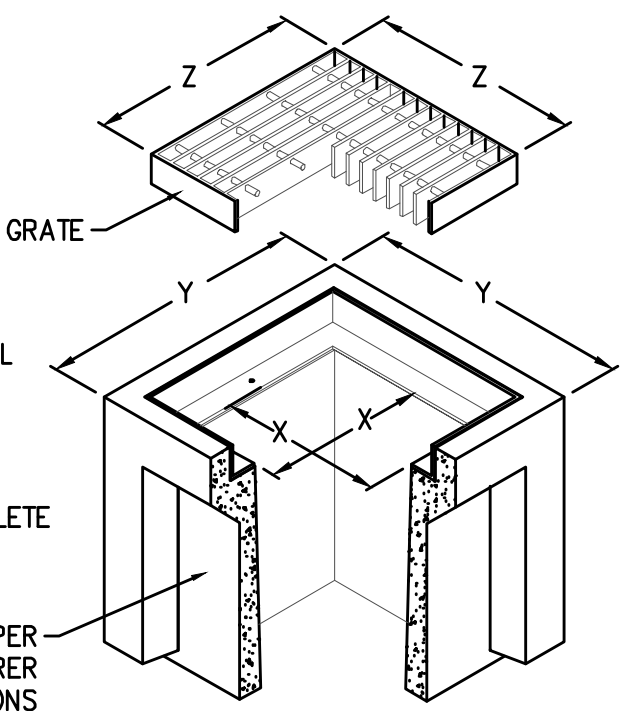
GS-1.05



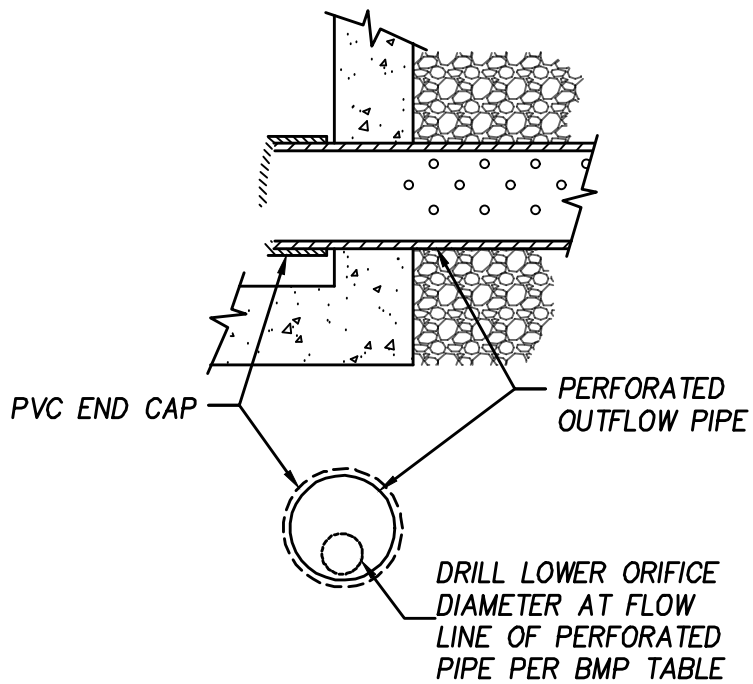
1 TYPICAL BIO-FILTRATION FACILITY PROFILE

CATCH BASIN SIZE	X	Y	Z
12" X 12"	12"	19 1/2"	15 1/2"
18" X 18"	18"	28"	21 3/8"
24" X 24"	24"	34"	27 1/2"

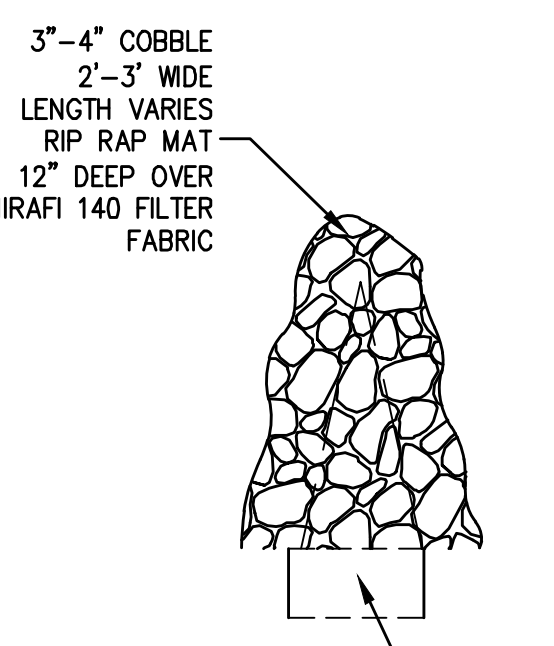
- NOTES:**
- OUTLET STRUCTURES PER OLDCASTLE PRECAST MODEL NUMBERS 1212CB, 1818CB, AND 2424CB OR EQUAL.
 - SEE MANUFACTURER'S SPECIFICATIONS FOR COMPLETE DIMENSIONS



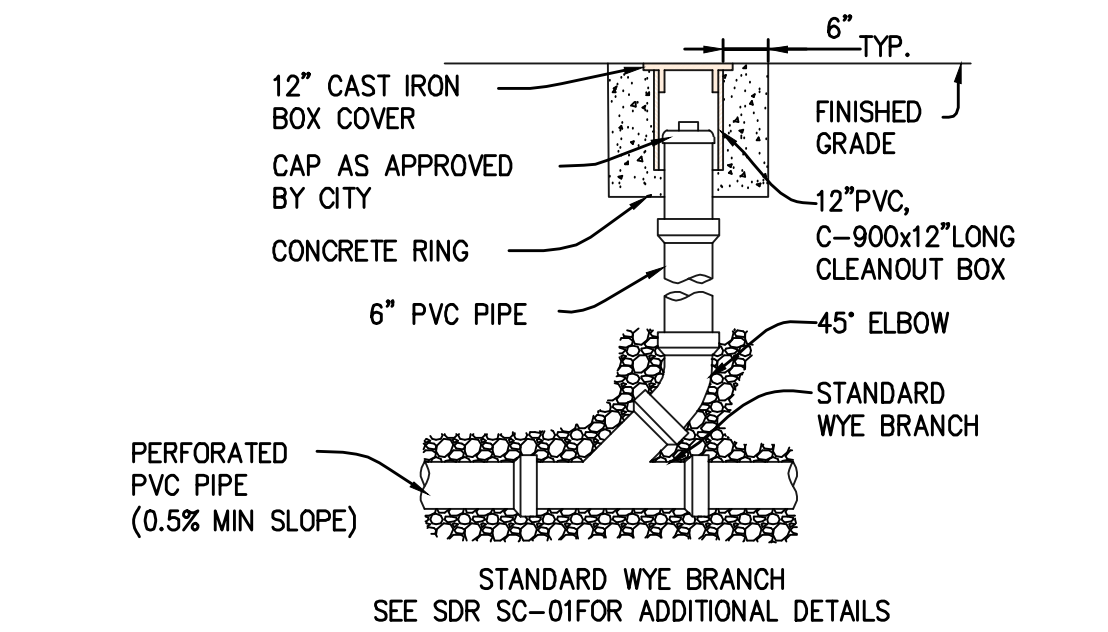
3 BIO-FILTRATION OUTLET STRUCTURE



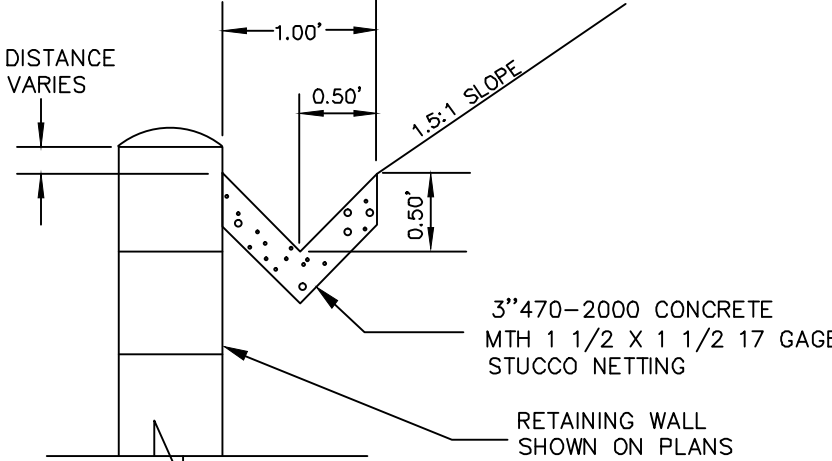
2 PVC CAP / ORIFICE DETAIL (PVT)



4 RIP-RAP MAT



5 CLEANOUT IN BIOFILTRATION FACILITY



6 WALL DITCH

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK	
DESCRIPTION	FOUND STANDARD STREET MONUMENT
STATION	ROS11252 PT 1040 PER MAP 9524
LOCATION	ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SWLY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM	COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION	516.95
DATUM	MSL

AP CONSULTING
CIVIL ENGINEERING - WATER RESOURCES PLANNING
Tel. 619-227-8941
2371 Fenton Street, Suite 100
Chula Vista, CA 91914

PRIVATE CONTRACT		
SHEET 8	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS
TREE WELL DETAILS AND NOTES FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX 242-1791		
RECOMMENDED FOR APPROVAL N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER	DATE:
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: IMPROVEMENT PLAN NO. TPN 21204	APPROVAL DATE: FDS2015-LMNP-40000



ENGINEER OF WORK

VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

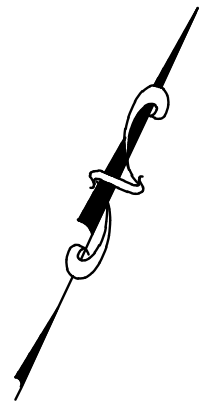
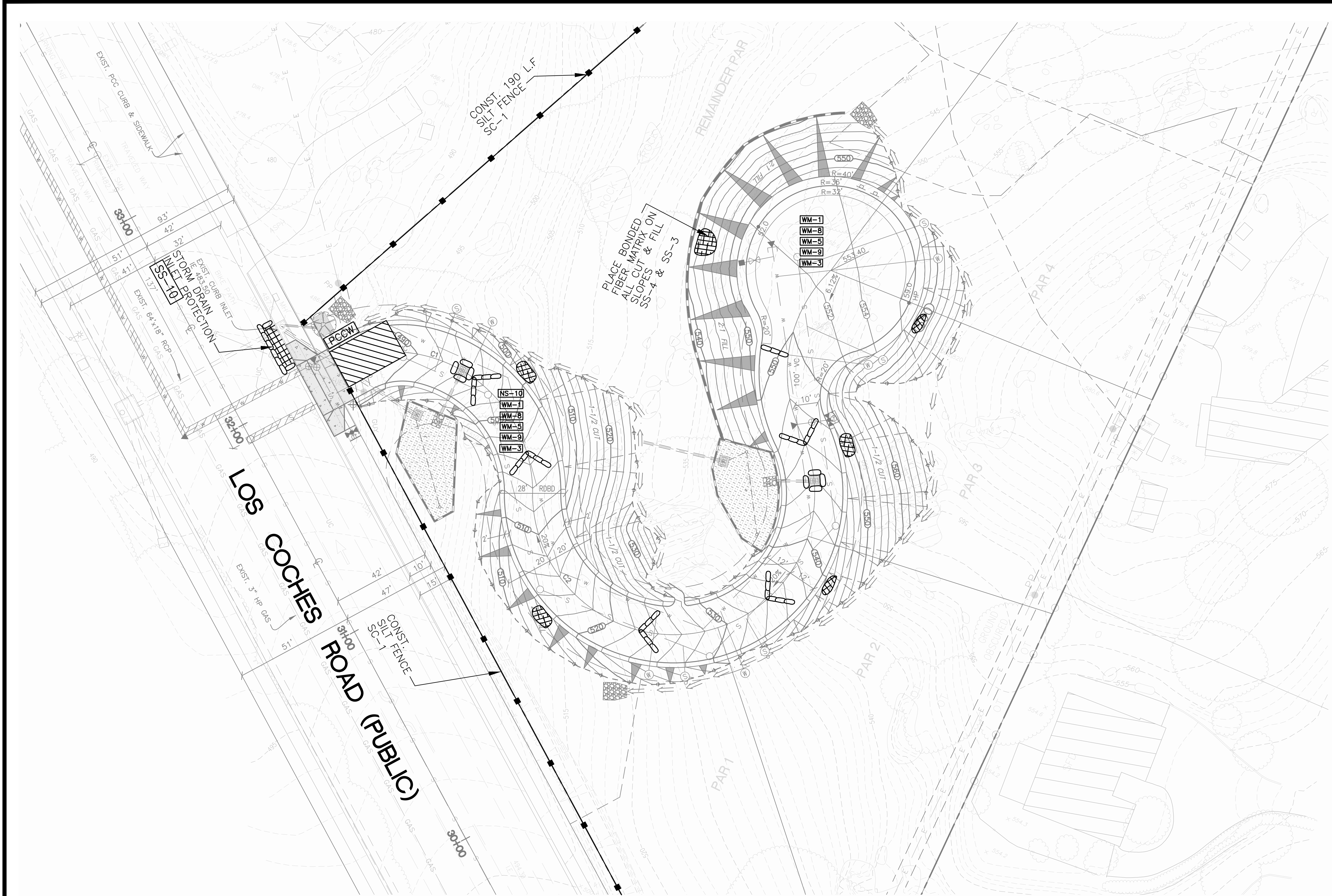
DATE

RECORD PLAN

NAME: _____

R.C.E. _____

DATE: _____



SCALE 1"=20'

BMP LEGEND

ITEM	SYMBOL
DIRECTION OF LOT DRAINAGE: 2% MIN.	

MATERIALS & WASTE MANAGEMENT CONTROL BMP'S

WM-1	MATERIAL DELIVERY & STORAGE:
WM-3	STOCK PILE MANAGEMENT
WM-8	CONCRETE WASTE MANAGEMENT: PCC WASHOUT
WM-5	SOLID WASTE MANAGEMENT:
WM-9	SANITARY WASTE MANAGEMENT:
PCCW	PCC WASHOUT AREA
NS-10	VEHICLE AND EQUIPMENT MANAGEMENT

TEMPORARY RUNOFF CONTROL BMP'S

SS-3	BONDED OR STABILIZED FIBER MATRIX (WINTER)	
SC-1	SILT FENCE	
SC-6	GRAVEL BAGS (2 HIGH)	
TC-1	STABILIZED CONSTRUCTION ENTRANCE	
SC-10	STORM DRAIN INLET PROTECTION	
	PRIVATE GRATE INLET PROTECTION	

PRIVATE ROAD CERTIFICATION

ENGINEER'S STATEMENT

I CERTIFY THAT THE PRIVATE ROAD IMPROVMENTS AS SHOWN ON THIS PLAN SATISFIES THE REQUIREMENTS AS STATED IN THE FINAL NOTICE OF APPROVAL FOR TPM 21204 AND THE STANDARDS FOR PRIVATE STREETS.

DATE: _____

R.C.E. 18592

INSPECTION BY:

☒ ENGINEER OF WORK
☐ COUNTY

SECURITY REQUIRED:

☒ YES
☐ NO

THE COUNTY IS NOT LIABLE FOR THE DESIGN IN ANYWAY, REVIEWED FOR CLARITY ONLY.

BY: _____ DATE: _____
FOR: WILLIAM P. MORGAN, COUNTY ENGINEER

PRIVATE CONTRACT

SHEET 9	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS
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EROSION CONTROL PLAN FOR:
PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204
CALIFORNIA COORDINATE INDEX 242-1791

RECOMMENDED FOR APPROVAL BY: N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER BY: _____ DATE: _____
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: _____ IMPROVEMENT PLAN NO. TPM 21204 APPROVAL DATE: PDS2015-LDMMP-40000

COUNTY APPROVED CHANGES

NO	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

DESCRIPTION FOUND STANDARD STREET MONUMENT
STATION ROS11252 PT 1040 PER MAP 9524
LOCATION ON CENTERLINE OF WELLINGTON HILL DRIVE 5' SW'LY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION 516.95 DATUM MSL

ENGINEER OF WORK



VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373

DATE

RECORD PLAN

NAME: _____
R.C.E. _____
DATE: _____

AP CONSULTING
CIVIL ENGINEERING - WATER RESOURCES PLANNING
Tel: 619-227-8941
2371 Fenton Street, Suite 100
Chula Vista, CA 91914

ENVIRONMENTAL NOTES

NOTICE: IN ORDER TO AVOID IMPACTS TO NESTING MIGRATORY BIRDS AND RAPTORS, WHICH ARE A SENSITIVE BIOLOGICAL RESOURCE PURSUANT TO CEQA, THE MBTA AND FISH AND WILDLIFE CODE, BREEDING SEASON AVOIDANCE SHALL BE IMPLEMENTED ON ALL PLANS. THERE SHALL BE NO BRUSHING, CLEARING AND/OR GRADING SUCH THAT NONE WILL BE ALLOWED DURING THE BREEDING SEASON OF MIGRATORY BIRDS OR RAPTORS, BETWEEN JANUARY 15 AND AUGUST 31. THE DIRECTOR OF PDS MAY WAIVE THIS CONDITION, THROUGH WRITTEN CONCURRENCE FROM THE US FISH AND WILDLIFE SERVICE AND THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE, PROVIDED THAT NO NESTING OR BREEDING BIRDS ARE PRESENT WITHIN 300 FEET OF THE BRUSHING, CLEARING OR GRADING (500 FEET FOR RAPTORS) BASED ON A SURVEY CONDUCTED BY A COUNTY-APPROVED BIOLOGICAL CONSULTANT WITHIN SEVEN DAYS PRIOR TO THE PROPOSED START OF CLEARING/GRADING. IF NESTING BIRDS ARE PRESENT IN THE VICINITY, PRIOR TO GRANTING PERMISSION PDS AND THE WILDLIFE AGENCIES MAY REQUIRE AVOIDANCE MEASURES SUCH AS, BUT NOT LIMITED TO, STAKING AND POSTING AN AREA 300 FEET FROM THE NEST TO PROHIBIT ALL CLEARING, GRUBBING AND CONSTRUCTION WORK WITHIN THE PERIMETER UNTIL THE QUALIFIED BIOLOGIST DETERMINES THAT THE NESTS ARE NO LONGER OCCUPIED WITH WRITTEN NOTIFICATION TO THE APPROVAL OF THE DIRECTOR OF PDS.

PRE-CONSTRUCTION GRADING AND/OR IMPROVEMENTS: (PRIOR TO ANY CLEARING, GRUBBING, TRENCHING, GRADING, OR ANY LAND DISTURBANCES.)

CULT#GR-1- ARCHAEOLOGICAL MONITORING - PRECONSTRUCTION MEETING
INTENT: IN ORDER TO COMPLY WITH THE COUNTY OF SAN DIEGO GUIDELINES FOR SIGNIFICANCE - CULTURAL RESOURCES, AN ARCHAEOLOGICAL MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: THE COUNTY APPROVED PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL ATTEND THE PRE-CONSTRUCTION MEETING WITH THE CONTRACTORS TO EXPLAIN AND COORDINATE THE REQUIREMENTS OF THE ARCHAEOLOGICAL MONITORING PROGRAM. THE PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL MONITOR THE ORIGINAL CUTTING OF PREVIOUSLY UNDISTURBED DEPOSITS IN ALL AREAS IDENTIFIED FOR DEVELOPMENT INCLUDING OFF-SITE IMPROVEMENTS. THE PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL ALSO EVALUATE FILL SOILS TO DETERMINE THAT THEY ARE CLEAN OF CULTURAL RESOURCES. THE ARCHAEOLOGICAL MONITORING PROGRAM SHALL COMPLY WITH THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR CULTURAL RESOURCES. DOCUMENTATION: THE APPLICANT SHALL HAVE THE CONTRACTED PROJECT ARCHEOLOGIST AND KUMEYAA NATIVE AMERICAN ATTEND THE PRECONSTRUCTION MEETING TO EXPLAIN THE MONITORING REQUIREMENTS. TIMING: PRIOR TO ANY CLEARING, GRUBBING, TRENCHING, GRADING, OR ANY LAND DISTURBANCES THIS CONDITION SHALL BE COMPLETED. MONITORING: THE [DPW, PDCI] SHALL CONFIRM THE ATTENDANCE OF THE APPROVED PROJECT ARCHAEOLOGIST.

DURING CONTRUCTION: (THE FOLLOWING ACTIONS SHALL OCCUR THROUGHOUT THE DURATION OF THE GRADING CONSTRUCTION).

CULT#GR-2 - ARCHAEOLOGICAL MONITORING - DURING CONSTRUCTION
INTENT: IN ORDER TO COMPLY WITH THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR CULTURAL RESOURCES, A CULTURAL RESOURCE GRADING MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: THE PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL MONITOR THE ORIGINAL CUTTING OF PREVIOUSLY UNDISTURBED DEPOSITS IN ALL AREAS IDENTIFIED FOR DEVELOPMENT INCLUDING OFF-SITE IMPROVEMENTS. THE ARCHAEOLOGICAL MONITORING PROGRAM SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS DURING EARTH-DISTURBING ACTIVITIES:

a. MONITORING. DURING THE ORIGINAL CUTTING OF PREVIOUSLY UNDISTURBED DEPOSITS, THE PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL BE ON-SITE AS DETERMINED NECESSARY BY THE PROJECT ARCHAEOLOGIST. INSPECTIONS WILL VARY BASED ON THE RATE OF EXCAVATION, THE MATERIALS EXCAVATED, AND THE PRESENCE AND ABUNDANCE OF ARTIFACTS AND FEATURES. THE FREQUENCY AND LOCATION OF INSPECTIONS WILL BE DETERMINED BY THE PROJECT ARCHAEOLOGIST IN CONSULTATION WITH THE KUMEYAA NATIVE AMERICAN MONITOR. MONITORING OF THE CUTTING OF PREVIOUSLY DISTURBED DEPOSITS WILL BE DETERMINED BY THE PROJECT ARCHAEOLOGIST IN CONSULTATION WITH THE KUMEYAA NATIVE AMERICAN MONITOR.

b. INADVERTENT DISCOVERIES. IN THE EVENT THAT PREVIOUSLY UNIDENTIFIED POTENTIALLY SIGNIFICANT CULTURAL RESOURCES ARE DISCOVERED:

1. THE PROJECT ARCHAEOLOGIST OR THE KUMEYAA NATIVE AMERICAN MONITOR SHALL HAVE THE AUTHORITY TO DIVERT OR TEMPORARILY HALT GROUND DISTURBANCE OPERATIONS IN THE AREA OF DISCOVERY TO ALLOW EVALUATION OF POTENTIALLY SIGNIFICANT CULTURAL RESOURCES.
2. AT THE TIME OF DISCOVERY, THE PROJECT ARCHAEOLOGIST SHALL CONTACT THE PDS STAFF ARCHAEOLOGIST.
3. THE PROJECT ARCHAEOLOGIST, IN CONSULTATION WITH THE PDS STAFF ARCHAEOLOGIST AND THE KUMEYAA NATIVE AMERICAN MONITOR, SHALL DETERMINE THE SIGNIFICANCE OF THE DISCOVERED RESOURCES.
4. CONSTRUCTION ACTIVITIES WILL BE ALLOWED TO RESUME IN THE AFFECTED AREA ONLY AFTER THE PDS STAFF ARCHAEOLOGIST HAS CONCURRED WITH THE EVALUATION.
5. ISOLATES AND CLEARLY NON-SIGNIFICANT DEPOSITS SHALL BE MINIMALLY DOCUMENTED IN THE FIELD. SHOULD THE ISOLATES AND/OR NON-SIGNIFICANT DEPOSITS NOT BE COLLECTED BY THE PROJECT ARCHAEOLOGIST, THEN THE KUMEYAA NATIVE AMERICAN MONITOR MAY COLLECT THE CULTURAL MATERIAL FOR TRANSFER TO A TRIBAL CURATION FACILITY OR REPATRIATION PROGRAM.
6. IF CULTURAL RESOURCES ARE DETERMINED TO BE SIGNIFICANT, A RESEARCH DESIGN AND DATA RECOVERY PROGRAM (PROGRAM) SHALL BE PREPARED BY THE PROJECT ARCHAEOLOGIST IN CONSULTATION WITH THE KUMEYAA NATIVE AMERICAN MONITOR. THE COUNTY ARCHAEOLOGIST SHALL REVIEW AND APPROVE THE PROGRAM, WHICH SHALL BE CARRIED OUT USING

PROFESSIONAL ARCHAEOLOGICAL METHODS. THE PROGRAM SHALL INCLUDE (1) REASONABLE EFFORTS TO PRESERVE (AVOIDANCE) "UNIQUE" CULTURAL RESOURCES OR SACRED SITES; (2) THE CAPPING OF IDENTIFIED SACRED SITES OR UNIQUE CULTURAL RESOURCES AND PLACEMENT OF DEVELOPMENT OVER THE CAP, IF AVOIDANCE IS INFEASIBLE; AND (3) DATA RECOVERY FOR NON-UNIQUE CULTURAL RESOURCES. THE PREFERRED OPTION IS PRESERVATION (AVOIDANCE).

c. HUMAN REMAINS. IF ANY HUMAN REMAINS ARE DISCOVERED:

1. THE PROPERTY OWNER OR THEIR REPRESENTATIVE SHALL CONTACT THE COUNTY CORONER AND THE PDS STAFF ARCHAEOLOGIST.
2. UPON IDENTIFICATION OF HUMAN REMAINS, NO FURTHER DISTURBANCE SHALL OCCUR IN THE AREA OF THE FIND UNTIL THE COUNTY CORONER HAS MADE THE NECESSARY FINDINGS AS TO ORIGIN. IF THE HUMAN REMAINS ARE TO BE TAKEN OFFSITE FOR EVALUATION, THEY SHALL BE ACCOMPANIED BY THE KUMEYAA NATIVE AMERICAN MONITOR.
3. IF THE REMAINS ARE DETERMINED TO BE OF NATIVE AMERICAN ORIGIN, THE NAHC SHALL IMMEDIATELY CONTACT THE MOST LIKELY DESCENDANT (MLD).
4. THE IMMEDIATE VICINITY WHERE THE NATIVE AMERICAN HUMAN REMAINS ARE LOCATED IS NOT TO BE DAMAGED OR DISTURBED BY FURTHER DEVELOPMENT ACTIVITY UNTIL CONSULTATION WITH THE MLD REGARDING THEIR RECOMMENDATIONS AS REQUIRED BY PUBLIC RESOURCES CODE SECTION 5097.98 HAS BEEN CONDUCTED.
5. THE MLD MAY WITH THE PERMISSION OF THE LANDOWNER, OR THEIR AUTHORIZED REPRESENTATIVE, INSPECT THE SITE OF THE DISCOVERY OF THE NATIVE AMERICAN HUMAN REMAINS AND MAY RECOMMEND TO THE OWNER OR THE PERSON RESPONSIBLE FOR THE EXCAVATION WORK MEANS FOR TREATMENT OR DISPOSITION, WITH APPROPRIATE DIGNITY, OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS. THE DESCENDANTS SHALL COMPLETE THEIR INSPECTION AND MAKE RECOMMENDATIONS OR PREFERENCES FOR TREATMENT WITHIN 48 HOURS OF BEING GRANTED ACCESS TO THE SITE.
6. PUBLIC RESOURCES CODE §5097.98, CEQA §15064.5 AND HEALTH & SAFETY CODE §7050.5 SHALL BE FOLLOWED IN THE EVENT THAT HUMAN REMAINS ARE DISCOVERED.

d. FILL SOILS. THE PROJECT ARCHAEOLOGIST AND KUMEYAA NATIVE AMERICAN MONITOR SHALL EVALUATE FILL SOILS TO DETERMINE THAT THEY ARE CLEAN OF CULTURAL RESOURCES.

DOCUMENTATION: THE APPLICANT SHALL IMPLEMENT THE ARCHAEOLOGICAL MONITORING PROGRAM PURSUANT TO THIS CONDITION. TIMING: THE FOLLOWING ACTIONS SHALL OCCUR THROUGHOUT THE DURATION OF THE EARTH DISTURBING ACTIVITIES. MONITORING: THE [DPW, PDCI] SHALL MAKE SURE THAT THE PROJECT ARCHEOLOGIST IS ON-SITE PERFORMING THE MONITORING DUTIES OF THIS CONDITION. THE [DPW, PDCI] SHALL CONTACT THE [PDS, PPD] IF THE PROJECT ARCHEOLOGIST OR APPLICANT FAILS TO COMPLY WITH THIS CONDITION.

PALEO#GR-1 PALEONTOLOGICAL MONITORING

INTENT: IN ORDER TO COMPLY WITH MITIGATION MONITORING AND REPORTING PROGRAM A PALEONTOLOGICAL MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: THIS PROJECT SITE HAS MARGINAL LEVELS OF SENSITIVE PALEONTOLOGICAL RESOURCES. ALL GRADING ACTIVITIES ARE SUBJECT TO THE COUNTY OF SAN DIEGO GRADING ORDINANCE SECTION 87.430. IF ANY SIGNIFICANT RESOURCES (FOSSILS) ARE ENCOUNTERED DURING GRADING ACTIVITIES.

a. THE GRADING CONTRACTOR IS RESPONSIBLE TO MONITOR FOR PALEONTOLOGICAL RESOURCES DURING ALL GRADING ACTIVITIES. IF ANY FOSSILS ARE FOUND GREATER THAN 12 INCHES IN ANY DIMENSION, STOP ALL GRADING ACTIVITIES AND CONTACT PDS BEFORE CONTINUING GRADING OPERATIONS.

b. IF ANY PALEONTOLOGICAL RESOURCES ARE DISCOVERED AND SALVAGED, THE MONITORING, RECOVERY, AND SUBSEQUENT WORK DETERMINED NECESSARY SHALL BE COMPLETED BY OR UNDER THE SUPERVISION OF A QUALIFIED PALEONTOLOGIST PURSUANT TO THE SAN DIEGO COUNTY GUIDELINES FOR DETERMINING SIGNIFICANCE FOR PALEONTOLOGICAL RESOURCES.

TIMING: THE FOLLOWING ACTIONS SHALL OCCUR THROUGHOUT THE DURATION OF THE GRADING CONSTRUCTION. MONITORING: THE [DPW, PDCI] SHALL MAKE SURE THAT THE GRADING CONTRACTOR IS ON-SITE PERFORMING THE MONITORING DUTIES OF THIS CONDITION. THE [DPW, PDCI] SHALL CONTACT PDS IF THE GRADING CONTRACTOR OR APPLICANT FAILS TO COMPLY WITH THIS CONDITION.

DPW RECYCLING - GRADING MATERIAL DIVERSION:

INTENT: IN ORDER TO COMPLY WITH THE GRADING MATERIAL DIVERSION PROGRAM, PROJECT RECYCLING AND DIVERSION IS DESIGNED TO INCREASE DIVERSION OF GRADING, LAND CLEARING, AND BRUSHING MATERIALS FROM LANDFILLS, EXTEND THE USEFUL LIFE OF LOCAL LANDFILLS, AND SUPPORT CONSTRUCTION AND DEMOLITION PROJECT COMPLIANCE WITH STATE WASTE DIVERSION REQUIREMENTS. DESCRIPTION OF REQUIREMENT: FOR ALL GRADING PROJECTS >5,000 CUBIC YARDS, A DAILY LOG OF ALL GRADING, LAND CLEARING, AND BRUSHING MATERIAL THAT IS EXPORTED OR REUSED/REPURPOSED MUST BE RETAINED ONSITE. THE DAILY LOG MUST INCLUDE ALL EXPORT RECEIPTS OR OTHER VENDOR OR DISPOSAL OR TRANSFER STATION FACILITY INFORMATION THAT ACCEPTED GRADING MATERIAL FROM THE APPROVED GRADING PROJECT. DOCUMENTATION: DAILY LOGS SHALL BE PREPARED AND KEPT ON-SITE FOR INSPECTION AND INCLUDE THE FOLLOWING:

- A. IDENTIFY THE PROJECT LOCATION.
- B. LOG DATE THAT MATERIAL WAS TRANSPORTED OFF THE SITE
- C. LOG TYPE OF GRADING OR CLEARING MATERIAL
- D. WEIGHT OF THE MATERIAL OR ITS APPROXIMATE TONNAGE OR CUBIC YARDS
- E. NAME OF THE PARTY TRANSPORTING THE MATERIALS
- F. NAME OF THE RECEIVING FACILITY OR EXPORTER, AND WHETHER THE MATERIAL WAS DISPOSED OF IN A LANDFILL, SALVAGED FOR FUTURE USE OFF-SITE, OR RECYCLED.
- G. EACH LOG ENTRY SHALL CORRESPOND WITH A RECEIPT ISSUED BY THE PARTY THAT TRANSPORTED THE MATERIAL OFF-SITE OR BY FACILITY THAT ACCEPTED THE MATERIALS. IF THE MATERIALS WERE HAULED BY THE GRADING

CONTRACTOR, EXPORT RECEIPTS SHALL BE COMPILED WITHIN 90 DAYS OF THE DATE OF THE LOG ENTRY.

H. THE DAILY LOG SHALL INCLUDE SEPARATE ENTRIES FOR EACH OCCURRENCE OF MATERIALS REUSED ON-SITE.

I. THE DAILY LOG AND ALL RECEIPTS SHALL BE MAINTAINED AT THE PROJECT SITE AND MADE AVAILABLE TO ANY COUNTY INSPECTOR RESPONSIBLE TO ENSURE COMPLIANCE WITH THIS REQUIREMENT

TIMING: THE FOLLOWING ACTIONS AND LOGS SHALL OCCUR THROUGHOUT THE DURATION OF THE EARTH DISTURBING ACTIVITIES. MONITORING: THE [DPW, CO] SHALL ENSURE THAT THE GRADING CONTRACTOR IS PREPARING AND MAINTAINING THE DAILY LOGS ON-SITE.

ROUGH GRADING: (PRIOR TO ROUGH GRADING APPROVAL AND ISSUANCE OF ANY BUILDING PERMIT).

CULT#GR-3 - ARCHAEOLOGICAL MONITORING - ROUGH GRADING
INTENT: IN ORDER TO COMPLY WITH THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR CULTURAL RESOURCES, AN ARCHAEOLOGICAL MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: THE PROJECT ARCHAEOLOGIST SHALL PREPARE ONE OF THE FOLLOWING REPORTS UPON COMPLETION OF THE EARTH-DISTURBING ACTIVITIES THAT REQUIRE MONITORING:

a. NO ARCHAEOLOGICAL RESOURCES ENCOUNTERED. IF NO ARCHAEOLOGICAL RESOURCES ARE ENCOUNTERED DURING EARTH-DISTURBING ACTIVITIES, THEN SUBMIT A FINAL NEGATIVE MONITORING REPORT SUBSTANTIATING THAT EARTH-DISTURBING ACTIVITIES ARE COMPLETED AND NO CULTURAL RESOURCES WERE ENCOUNTERED. ARCHAEOLOGICAL MONITORING LOGS SHOWING THE DATE AND TIME THAT THE MONITOR WAS ON SITE AND ANY COMMENTS FROM THE NATIVE AMERICAN MONITOR MUST BE INCLUDED IN THE NEGATIVE MONITORING REPORT.

b. ARCHAEOLOGICAL RESOURCES ENCOUNTERED. IF ARCHAEOLOGICAL RESOURCES WERE ENCOUNTERED DURING THE EARTH DISTURBING ACTIVITIES, THE PROJECT ARCHAEOLOGIST SHALL PROVIDE AN ARCHAEOLOGICAL MONITORING REPORT STATING THAT THE FIELD MONITORING ACTIVITIES HAVE BEEN COMPLETED, AND THAT RESOURCES HAVE BEEN ENCOUNTERED. THE REPORT SHALL DETAIL ALL CULTURAL ARTIFACTS AND DEPOSITS DISCOVERED DURING MONITORING AND THE ANTICIPATED TIME SCHEDULE FOR COMPLETION OF THE CURATION AND/OR REPATRIATION PHASE OF THE MONITORING.

DOCUMENTATION: THE APPLICANT SHALL SUBMIT THE ARCHAEOLOGICAL MONITORING REPORT TO [PDS, PPD] FOR REVIEW AND APPROVAL. ONCE APPROVED, A FINAL COPY OF THE REPORT SHALL BE SUBMITTED TO THE SOUTH COASTAL INFORMATION CENTER AND ANY CULTURALLY AFFILIATED TRIBE WHO REQUESTS A COPY. TIMING: UPON COMPLETION OF ALL EARTH-DISTURBING ACTIVITIES, AND PRIOR TO ROUGH GRADING FINAL INSPECTION (GRADING ORDINANCE SEC 87.421.A.2), THE REPORT SHALL BE COMPLETED. MONITORING: [PDS, PPD] SHALL REVIEW THE REPORT OR FIELD MONITORING MEMO FOR COMPLIANCE WITH THE PROJECT MMRP, AND INFORM [DPW, PDCI] THAT THE REQUIREMENT IS COMPLETED.

PALEO#GR-2 PALEONTOLOGICAL MONITORING

INTENT: IN ORDER TO COMPLY WITH THE ADOPTED MITIGATION MONITORING AND REPORTING PROGRAM (MMRP) AND THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR PALEONTOLOGICAL RESOURCES, A PALEONTOLOGICAL MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: ONE OF THE FOLLOWING LETTERS SHALL BE PERFORMED UPON COMPLETION OF THE GRADING ACTIVITIES THAT REQUIRE MONITORING:

a. IF NO PALEONTOLOGICAL RESOURCES WERE DISCOVERED, SUBMIT A "NO FOSSILS FOUND" LETTER FROM THE GRADING CONTRACTOR TO PDS STATING THAT THE MONITORING HAS BEEN COMPLETED AND THAT NO FOSSILS WERE DISCOVERED, AND INCLUDING THE NAMES AND SIGNATURES FROM THE FOSSIL MONITORS. THE LETTER SHALL BE IN THE FORMAT OF ATTACHMENT E OF THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE FOR PALEONTOLOGICAL RESOURCES.

b. IF PALEONTOLOGICAL RESOURCES WERE ENCOUNTERED DURING GRADING, A LETTER SHALL BE PREPARED STATING THAT THE FIELD GRADING MONITORING ACTIVITIES HAVE BEEN COMPLETED, AND THAT RESOURCES HAVE BEEN ENCOUNTERED. THE LETTER SHALL DETAIL THE ANTICIPATED TIME SCHEDULE FOR COMPLETION OF THE CURATION PHASE OF THE MONITORING.

DOCUMENTATION: THE APPLICANT SHALL SUBMIT THE LETTER REPORT TO PDS FOR REVIEW AND APPROVAL. TIMING: UPON COMPLETION OF ALL GRADING ACTIVITIES, AND PRIOR TO ROUGH GRADING FINAL INSPECTION (GRADING ORDINANCE SEC 87.421.A.2), THE LETTER REPORT SHALL BE COMPLETED. MONITORING: PDS SHALL REVIEW THE FINAL NEGATIVE LETTER REPORT OR FIELD MONITORING MEMO FOR COMPLIANCE WITH THE PROJECT MMRP, AND INFORM [DPW, PDCI] THAT THE REQUIREMENT IS COMPLETED.

DPW RECYCLING - GRADING MATERIAL DIVERSION:

INTENT: IN ORDER TO COMPLY WITH THE GRADING MATERIAL DIVERSION PROGRAM, PROJECT RECYCLING AND DIVERSION IS DESIGNED TO INCREASE DIVERSION OF GRADING, LAND CLEARING, AND BRUSHING MATERIALS FROM LANDFILLS, EXTEND THE USEFUL LIFE OF LOCAL LANDFILLS, AND SUPPORT CONSTRUCTION AND DEMOLITION PROJECT COMPLIANCE WITH STATE WASTE DIVERSION REQUIREMENTS. DESCRIPTION OF REQUIREMENT: AT THE CONCLUSION OF THE GRADING ACTIVITIES AND PERMIT CLOSURE, THE FINAL DEBRIS MANAGEMENT REPORT (DMR) MUST BE PREPARED AND SUBMITTED FOR. DOCUMENTATION: THE DMR FINAL REPORT (SEE TEMPLATE) SHALL BE PREPARED AND SUBMITTED TO THE [DPW, CO] AND SHALL INCLUDE:

- A. PROJECT NAME.
- B. PERMIT NUMBER.
- C. LIST OF TOTAL WEIGHT, TONNAGE, OR CUBIC YARDS OF MATERIALS, BY TYPE, WHICH WAS RECYCLED, SALVAGED, OR DISPOSED OF IN A LANDFILL.
- D. PROVIDE COPIES OF RECEIPTS FOR EXPORT FACILITIES, HAULING, AND

MATERIALS REUSED ON SITE.

E. SIGNED SELF-CERTIFICATION LETTER (SEE TEMPLATE).

TIMING: THE FINAL REPORT SHALL BE PREPARED AND SUBMITTED AT PERMIT CLOSURE. MONITORING: THE [DPW, PDCI] SHALL ENSURE THAT THE GRADING CONTRACTOR HAS PREPARED AND SUBMITTED THE FINAL REPORT TO [DPW, CO]. THE [DPW, PDCI] SHALL CONTACT THE [DPW, CO] IF THE GRADING CONTRACTOR OR APPLICANT FAILS TO COMPLY WITH THIS CONDITION.

FINAL GRADING RELEASE: (PRIOR TO ANY OCCUPANCY, FINAL GRADING RELEASE, OR USE OF THE PREMISES IN RELIANCE OF THIS PERMIT).

CULT#GR-4 - ARCHAEOLOGICAL MONITORING - FINAL GRADING
INTENT: IN ORDER TO COMPLY WITH THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR CULTURAL RESOURCES, AN ARCHAEOLOGICAL MONITORING PROGRAM SHALL BE IMPLEMENTED. DESCRIPTION OF REQUIREMENT: THE PROJECT ARCHAEOLOGIST SHALL PREPARE A FINAL REPORT THAT DOCUMENTS THE RESULTS, ANALYSIS, AND CONCLUSIONS OF ALL PHASES OF THE ARCHAEOLOGICAL MONITORING PROGRAM IF CULTURAL RESOURCES WERE ENCOUNTERED DURING EARTH-DISTURBING ACTIVITIES. THE REPORT SHALL INCLUDE THE FOLLOWING, IF APPLICABLE:

a. DEPARTMENT OF PARKS AND RECREATION PRIMARY AND ARCHAEOLOGICAL SITE FORMS.

b. DAILY MONITORING LOGS

c. EVIDENCE THAT ALL CULTURAL MATERIALS HAVE BEEN CONVEYED AS FOLLOWS:

(1)EVIDENCE THAT ALL PREHISTORIC MATERIALS COLLECTED DURING THE ARCHAEOLOGICAL MONITORING PROGRAM HAVE BEEN SUBMITTED TO A SAN DIEGO CURATION FACILITY OR A CULTURALLY AFFILIATED NATIVE AMERICAN TRIBAL CURATION FACILITY THAT MEETS FEDERAL STANDARDS PER 36 CFR PART 79, AND, THEREFORE, WOULD BE PROFESSIONALLY CURATED AND MADE AVAILABLE TO OTHER ARCHAEOLOGISTS/RESEARCHERS FOR FURTHER STUDY. THE COLLECTIONS AND ASSOCIATED RECORDS, INCLUDING TITLE, SHALL BE TRANSFERRED TO THE SAN DIEGO CURATION FACILITY OR CULTURALLY AFFILIATED NATIVE AMERICAN TRIBAL CURATION FACILITY AND SHALL BE ACCOMPANIED BY PAYMENT OF THE FEES NECESSARY FOR PERMANENT CURATION. EVIDENCE SHALL BE IN THE FORM OF A LETTER FROM THE CURATION FACILITY STATING THAT THE PREHISTORIC ARCHAEOLOGICAL MATERIALS HAVE BEEN RECEIVED AND THAT ALL FEES HAVE BEEN PAID.

OR

EVIDENCE THAT ALL PREHISTORIC MATERIALS COLLECTED DURING THE GRADING MONITORING PROGRAM HAVE BEEN REPATRIATED TO A NATIVE AMERICAN GROUP OF APPROPRIATE TRIBAL AFFINITY AND SHALL BE ACCOMPANIED BY PAYMENT OF THE FEES NECESSARY, IF REQUIRED. EVIDENCE SHALL BE IN THE FORM OF A LETTER FROM THE NATIVE AMERICAN TRIBE TO WHOM THE CULTURAL RESOURCES HAVE BEEN REPATRIATED IDENTIFYING THAT THE ARCHAEOLOGICAL MATERIALS HAVE BEEN RECEIVED.

(2)HISTORIC MATERIALS SHALL BE CURATED AT A SAN DIEGO CURATION FACILITY AND SHALL NOT BE CURATED AT A TRIBAL CURATION FACILITY OR REPATRIATED. THE COLLECTIONS AND ASSOCIATED RECORDS, INCLUDING TITLE, SHALL BE TRANSFERRED TO THE SAN DIEGO CURATION FACILITY AND SHALL BE ACCOMPANIED BY PAYMENT OF THE FEES NECESSARY FOR PERMANENT CURATION. EVIDENCE SHALL BE IN THE FORM OF A LETTER FROM THE CURATION FACILITY STATING THAT THE HISTORIC MATERIALS HAVE BEEN RECEIVED AND THAT ALL FEES HAVE BEEN PAID.

d. IF NO CULTURAL RESOURCES ARE DISCOVERED, A NEGATIVE MONITORING REPORT MUST BE SUBMITTED STATING THAT THE ARCHAEOLOGICAL MONITORING ACTIVITIES HAVE BEEN COMPLETED. GRADING MONITORING LOGS MUST BE SUBMITTED WITH THE NEGATIVE MONITORING REPORT.

DOCUMENTATION: THE APPLICANT'S ARCHAEOLOGIST SHALL PREPARE THE FINAL REPORT AND SUBMIT IT TO [PDS, PPD] FOR APPROVAL. ONCE APPROVED, A FINAL COPY OF THE REPORT SHALL BE SUBMITTED TO THE SOUTH COASTAL INFORMATION CENTER (SCIC) AND ANY CULTURALLY AFFILIATED TRIBE WHO REQUESTS A COPY. TIMING: PRIOR TO ANY OCCUPANCY, FINAL GRADING RELEASE, OR USE OF THE PREMISES IN RELIANCE OF THIS PERMIT, THE FINAL REPORT SHALL BE PREPARED. MONITORING: [PDS, PPD] SHALL REVIEW THE FINAL REPORT FOR COMPLIANCE WITH THIS CONDITION AND THE REPORT FORMAT GUIDELINES. UPON ACCEPTANCE OF THE REPORT, [PDS, PPD] SHALL INFORM [PDS, LDR] AND [DPW, PDCI], THAT THE REQUIREMENT IS COMPLETE, AND THE BOND AMOUNT CAN BE RELINQUISHED. IF THE MONITORING WAS BONDED SEPARATELY, THEN [PDS, PPD] SHALL INFORM [PDS OR DPW FISCAL] TO RELEASE THE BOND BACK TO THE APPLICANT.

PRIVATE ROAD CERTIFICATION

ENGINEER'S STATEMENT

I CERTIFY THAT THE PRIVATE ROAD IMPROVMENTS AS SHOWN ON THIS PLAN SATISFIES THE REQUIREMENTS AS STATED IN THE FINAL NOTICE OF APPROVAL FOR TPM 21204 AND THE STANDARDS FOR PRIVATE STREETS.

DATE:

R.C.E. 18592

INSPECTION BY:

☒ ENGINEER OF WORK

☐ COUNTY

SECURITY REQUIRED:

☒ YES

☐ NO

THE COUNTY IS NOT LIABLE FOR THE DESIGN IN ANYWAY, REVIEWED FOR CLARITY ONLY.

BY: DATE: FOR: WILLIAM P. MORGAN, COUNTY ENGINEER

PRIVATE CONTRACT

SHEET 10	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	10 SHEETS
EROSION CONTROL PLAN FOR: PRIVATE ROAD NUEVA VISTA LANE (3.1) TPM 21204		
CALIFORNIA COORDINATE INDEX 242-1791		
RECOMMENDED FOR APPROVAL N/A	APPROVED WILLIAM P. MORGAN COUNTY ENGINEER: BY: DATE:	
ENGINEER OF WORK R.C.E. 18592	CHECKED BY: APPROVAL DATE:	IMPROVEMENT PLAN NO. TPM 21204 PDS2015-LDMRP-40000

COUNTY APPROVED CHANGES

NO	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

DESCRIPTION FOUND STANDARD STREET MONUMENT
STATION ROS11252 PT 1040 PER MAP 9524
LOCATION ON CENTERLINE OF WELLINGTON HILL DRIVE 5'
SWLY OF CENTERLINE OF LOS COCHES ROAD
RECORD FROM COUNTY OF SAN DIEGO CONTROL DATA SHEET
ELEVATION 516.95 DATUM MSL

RECORD PLAN

NAME: _____
R.C.E. _____
DATE: _____

ENGINEER OF WORK



VICTOR RODRIGUEZ-FERNANDEZ, R.C.E. NO. 35373



DATE