

# GENERAL NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS OF THE CITY AND COUNTY OF MARIN, STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, CURRENT EDITION, AND UTILITY COMPANIES STANDARD PLANS AND SPECIFICATIONS, CURRENT EDITIONS.
- NO WORK SHALL START UNTIL AN ENCROACHMENT PERMIT IS OBTAINED FROM THE TOWN DIRECTOR OF PUBLIC WORKS. THE TOWN ENGINEER OR DEPT. OF PUBLIC WORKS SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL HOLD HARMLESS THE TOWN, ITS AUTHORIZED REPRESENTATIVES AND THE DESIGN ENGINEER FROM ALL LIABILITIES AND DAMAGES RESULTING FROM HIS CONSTRUCTION OPERATIONS.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
- CONTRACTOR SHALL NOTIFY TOWN DEPT. OF PUBLIC WORKS 48 HOURS PRIOR TO ANY NEED FOR FORMWORK REVIEW AND APPROVAL.
- CIVIL ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL GRADES OF CONCRETE UNLESS HE HAS CHECKED FORMS PRIOR TO PLACING CONCRETE.
- THE EXISTENCE, LOCATION AND CHARACTERISTIC OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSINGS PRIOR TO TRENCHING. THE CONTRACTOR TO RELOCATE SERVICES IN CONFLICT AT NO ADDITIONAL COST.
- UTILITIES AS SHOWN CONFORM WITH ALL PRESENT INFORMATION; HOWEVER, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTHS OF ALL UTILITIES WITH APPROPRIATE AGENCIES. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE AGENCY AND TO THE ENGINEER. CONTACT USA PRIOR TO COMMENCEMENT OF CONSTRUCTION: PHONE (800) 642-2444 OR (800) 227-2600
- IT SHALL BE THE PAVING CONTRACTOR'S RESPONSIBILITY TO RESTORE STREET AND SIDEWALK SUBGRADES DISTURBED DURING UNDERGROUND UTILITY CONSTRUCTION. ALL EXISTING STREET IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE TOWN ENGINEER.
- THE REMOVAL OF OBSTRUCTIONS (POWER POLES, FENCES, RETAINING WALLS TREES, STRUCTURES, PIPELINES, ETC.) SHALL BE AT THE CONTRACTOR'S EXPENSE.
- ALL FIRE HYDRANTS SHALL BE MARKED BY BLUE REFLECTIVE MARKERS, AS SPECIFIED BY THE UNIFORM FIRE CODE SECTION 901.43.
- PAVEMENT STRUCTURAL SECTIONS ARE APPROXIMATE ONLY. EXACT SECTION WILL BE DETERMINED SUBSEQUENT TO ROUGH GRADING AND WILL BE BASED ON THE R-VALUE AS DETERMINED BY THE SOIL ENGINEER AND A T.I. AS INDICATED ON TYPICAL SECTIONS. CONTRACTOR SHALL ALLOW TIME AFTER SUBGRADE IS EXPOSED FOR SAMPLES TO BE TAKEN AND R-VALUE TEST TO BE PERFORMED PRIOR TO FINAL SUBGRADE PREPARATION AND PAVEMENT SECTION CONSTRUCTION.
- TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL OF TRAFFIC CONTROLS" PUBLISHED BY CAL. DEPT. OF TRANS.
- ANY CHANGES FROM THE APPROVED PLANS SHALL BE APPROVED BY THE TOWN ENGINEER PRIOR TO IMPLEMENTATION. THESE CHANGES SHALL BE DESCRIBED AND JUSTIFIED IN WRITING BY THE PERMITTEE AND/OR GEOTECHNICAL ENGINEER PRIOR TO IMPLEMENTATION. AS-BUILT PLANS SHALL BE PROVIDED BY THE CONTRACTOR UPON COMPLETION OF THE PROJECT THAT INCORPORATES ALL CHANGES TO THE ORIGINAL PLAN.
- THE CONTRACTOR SHALL PROVIDE DEPARTMENT OF PUBLIC WORKS A COPY OF THE CONSTRUCTION SCHEDULE. ANY CHANGES TO THAT SCHEDULE SHALL BE IMMEDIATELY FORWARDED TO THE DEPARTMENT OF PUBLIC WORKS.
- CONTACT THE TOWN ENGINEER AT LEAST 48 HOURS PRIOR TO THE FOLLOWING INSPECTIONS: ROAD SUBGRADE, ROAD BASE, CONCRETE FORMS, CONCRETE POURING, AND TRENCH BACKFILLING.
- THE APPLICANT SHALL BE RESPONSIBLE FOR ENSURING THAT THE NUMBER OF CONSTRUCTION VEHICLES ON SITE SHALL BE LIMITED TO THE MINIMUM NUMBER NECESSARY TO COMPLETE THE PROJECT.
- THE APPLICANT SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION VEHICLES, EQUIPMENT AND MATERIALS ARE STORED ON SITE OR OTHER APPROVED AREAS.
- ALL NOISE-GENERATING CONSTRUCTION & DEMOLITION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY, AND 9:00 A.M. TO 4:00 P.M. ON SATURDAY. NO CONSTRUCTION ACTIVITIES SHALL BE PERMITTED ON SUNDAYS OR STATE AND FEDERAL HOLIDAYS.
- ALL ACTIVE CONSTRUCTION AREAS SHALL BE WATERED AT LEAST TWICE DAILY AND MORE OFTEN DURING WINDY PERIODS.
- ALL HAULING TRUCKS SHALL BE COVERED WHEN TRANSPORTING EXCAVATED MATERIALS FOR OFF SITE DISPOSAL.
- ALL EXCAVATED MATERIAL STOCKPILES SHALL BE ENCLOSED, COVERED, WATERED AT LEAST TWICE DAILY, OR STABILIZED BY APPLICATION OF NON-TOXIC SOIL STABILIZERS.
- CONSTRUCTION VEHICLES SHALL BE LIMITED TO SPEEDS OF 15 MPH OR LESS ON UNPAVED ROADWAYS AND DISTURBED OR GRADED CONSTRUCTION AREAS.
- ALL CONSTRUCTION ACTIVITIES THAT CAUSE VISIBLE DUST PLUMES, WHICH CANNOT BE CONTROLLED BY WATERING, SHALL BE SUSPENDED IMMEDIATELY.
- ALL CONSTRUCTION EQUIPMENT USING FOSSIL FUEL SHALL HAVE INSTALLED REQUIRED EMISSION CONTROL DEVICES THAT ARE IN PROPER OPERATIONAL CONDITION.
- ALL CONSTRUCTION EQUIPMENT SHALL BE TURNED OFF WHEN NOT IN USE.
- ALL POWERED CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED IN A GOOD OPERATING CONDITION AND INTERNAL COMBUSTION ENGINES SHALL BE EQUIPPED WITH INTAKE AND EXHAUST MUFFLERS.

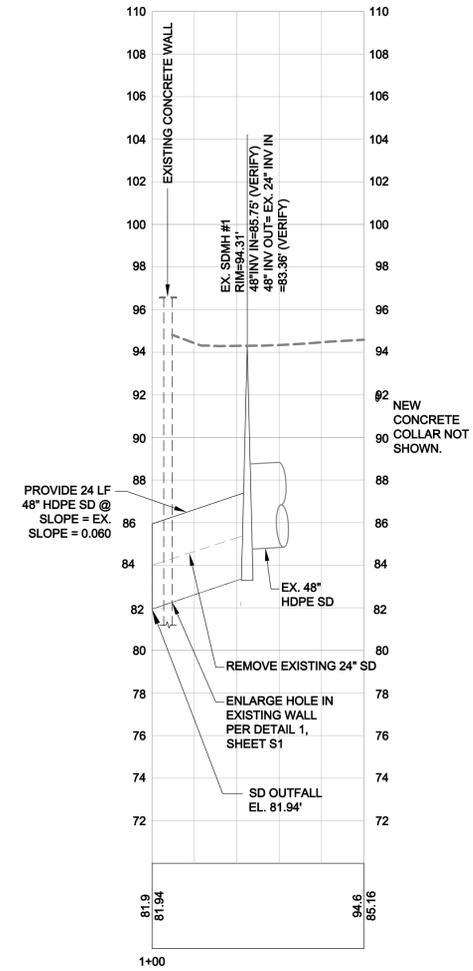
- ALL UTILITY WORK SHALL CONFORM TO UTILITY PURVEYORS' SPECIFICATIONS AND DRAWINGS.
- THE CONTRACTOR SHALL CONTACT UTILITY PURVEYOR AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF UTILITY WORK.
- THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS AND TO USE REQUIRED SHORING FOR TRENCH EXCAVATION PER ALL APPLICABLE LAWS AND REGULATIONS.
- PRIOR TO CONSTRUCTION, CONTRACTOR TO VERIFY UTILITY CROSSINGS FOR CONFLICTS AND TO VERIFY LATERAL CONNECTIONS. CONTRACTOR TO PROVIDE MARKED-UP SET OF PLANS SHOWING SIZE, LOCATION, AND PIPE MATERIAL TO TOWN ENGINEER.
- CONTRACTOR TO CONTACT UTILITY PROVIDERS (I.E. TEL, GAS, WATER, ETC.) TO OBSERVE EXCAVATION/CONSTRUCTION AROUND THEIR LINES.

## ABBREVIATIONS

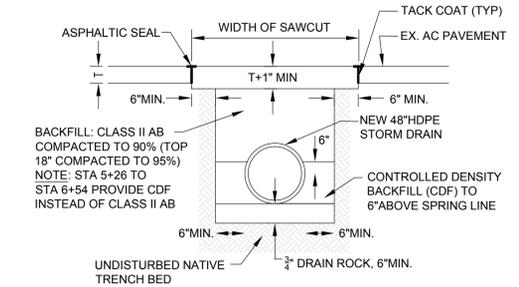
A.B.	AGGREGATE BASE	R/W	RIGHT OF WAY
A.C.	ASPHALT CONCRETE	SD	STORM DRAIN
CB	CATCH BASIN	SDMH	STORM DRAIN MANHOLE
CD	CONTROLLED DENSITY BACKFILL	SL	STREET LIGHT
C.L.	CENTERLINE/CONTROL LINE	SSMH	SANITARY SEWER MANHOLE
DWY	DRIVEWAY	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	S/W	SIDEWALK
FG	FINISHED GRADE	TC	TOP OF CURB
FH	FIRE HYDRANT	TYP.	TYPICAL
FS	FINISH SURFACE	WWL	WATER LINE
GB	GRADE BREAK	WCR	WHEELCHAIR RAMP
LF	LINEAR FEET	MH	MANHOLE

## LEGEND:

EXISTING		PROPOSED
	CONTOUR MAJOR	
	CONTOUR MINOR	
	FENCE 1	
	GAS LINE	
	PROPERTY LINE	
	RETAINING WALL	
	RIGHT OF WAY	
	SANITARY SEWER LINE	
	STORM DRAIN	
	SANITARY SEWER LATERAL	
	SANITARY SEWER MANHOLE	
	STORM DRAIN MANHOLE	
	WATER METER	
	WATER VALVE	
	STANDARD CITY STREET MONUMENT	

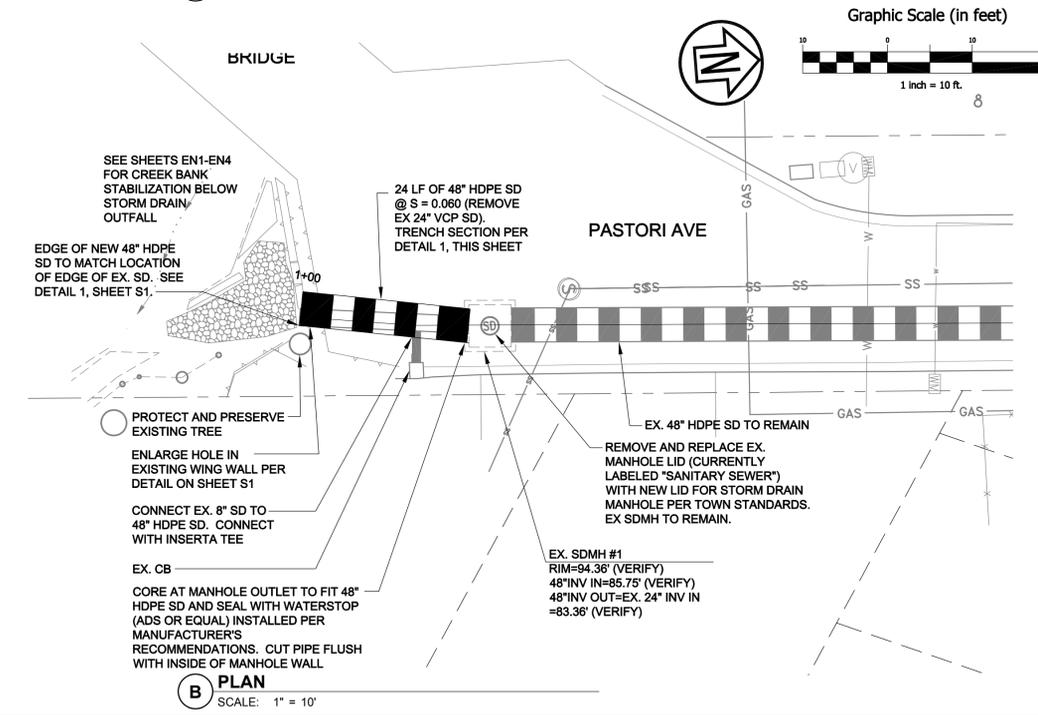


**A STORM DRAIN CENTERLINE PROFILE**  
SCALE: HOR. 1" = 20' VERT. 1" = 4'



- NOTES:**
- DURING EXCAVATION AND SUBGRADE PREPARATION, THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE THE PROTECTION OF ALL IMPROVEMENTS, WHETHER PUBLIC OR PRIVATE, INCLUDING UTILITIES AND THEIR SERVICES FROM ANY DAMAGE THAT COULD OCCUR DUE TO CONTRACTORS CONSTRUCTION ACTIVITY.
  - IF NOT OTHERWISE SPECIFIED, TRENCH BACKFILL SHALL BE DENSIFIED TO A MINIMUM OF 90% R.C.
  - TEMPORARY PAVEMENT RESURFACING SHALL BE PLACED AT THE CONTRACTORS EXPENSE. IT SHALL BE PLACED LEVEL WITH THE EXISTING PAVEMENT ON COMPACTED TRENCH BACKFILL AND SHALL BE A MINIMUM OF 2" THICK.
  - PERMANENT PAVEMENT RESURFACING SHALL BE DONE WITHIN TWO (2) WEEKS AFTER BACKFILL OF TRENCHES HAS BEEN COMPLETED. ONLY AFTER SETTLEMENT HAS TAKEN PLACE AND THE FILL SURFACE HAS SUFFICIENTLY DRIED. ALL CUTS SHALL BE GROOMED CLEAN AND STRAIGHT.
  - CONTACT SURFACES OF EXISTING PAVEMENT MANHOLE FRAMES AND SHAFTS AND CONCRETE SURFACES SHALL HAVE A TACK COATING APPLIED BEFORE PERMANENT ASPHALT RESURFACING IS PLACED.
  - ASPHALT CONCRETE PAVEMENT SHALL BE AS SPECIFIED.
  - BEDDING SHALL BE PLACED IN A MANNER SUCH AS SLICING, SHOVEL-SPADING, OR SHOVEL RODDING TO ENSURE COMPLETE FILLING OF THE "HAUNCH AREAS" BELOW THE PIPE. JETTING IS NOT PERMITTED.
  - SUBGRADE TO BE FREE OF PROTRUDING OBJECTS.

**1 DETAIL 1: STORM DRAIN TRENCH SECTION**  
SCALE: NTS



**B PLAN**  
SCALE: 1" = 10'

Rev	Date	Description	Designed	Drawn	Checked
-	06/14/12	BID SET	KRE	JKS	AGC

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City	City
County	County
State	California

# PASTORI STORM DRAIN OUTFALL STORM DRAIN REPLACEMENT - FINAL SEGMENT TOWN OF FAIRFAX

Prepared Under the Direction of:	Sheet
	<b>SD1</b>
Scale:	AS NOTED
Date:	06/14/2012
Project Number:	4.1086.14
Plan File:	D-4905-05