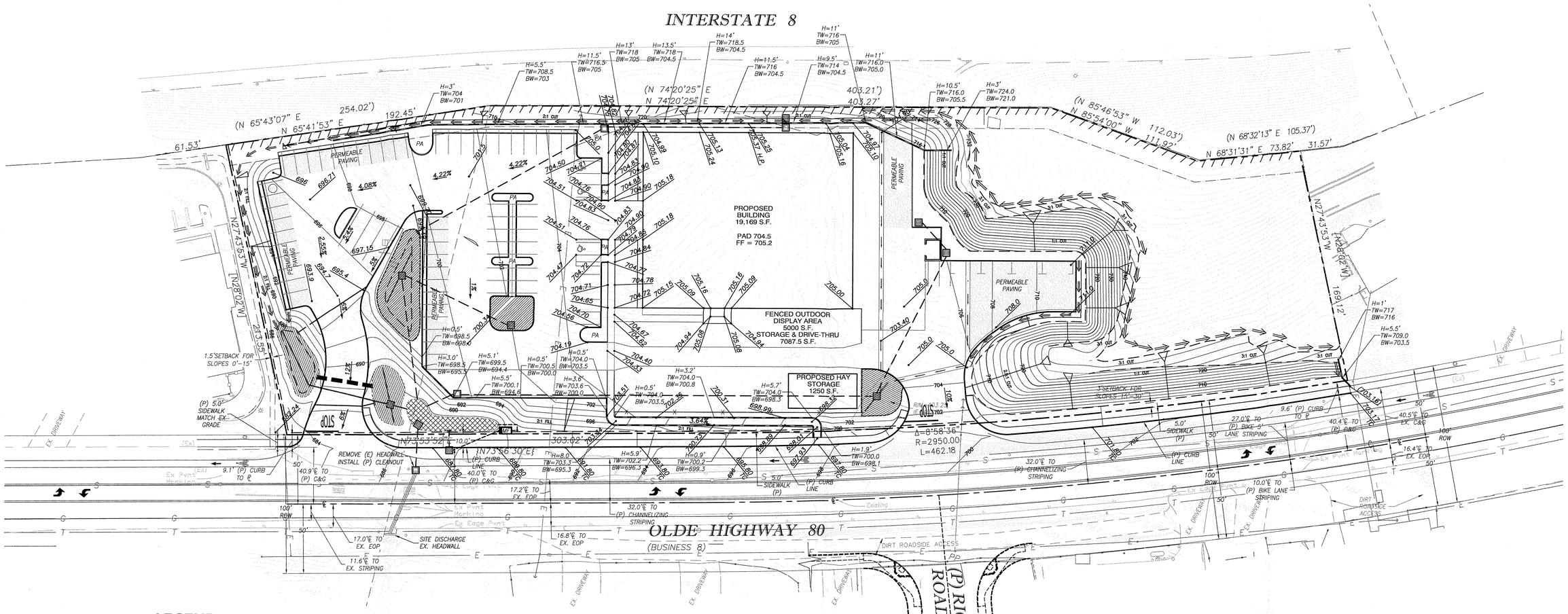


LEGEND

DESCRIPTION	STD DWG	SYMBOL
PROPERTY LINE		N45°45'45"W
DRAINAGE SWALE OR DIRECTION OF FLOW		
BROOKS BOX (OR SIM) W/GRATE		
CATCH BASIN		
TRENCH DRAIN		
SPOT ELEVATION		×100.00 100.00
RETAINING WALL		
PROPOSED CONTOUR		90
STORM DRAIN LINE		
PERFORATED UNDERDRAIN		
CUT SLOPE (VARIES)		
FILL SLOPE (2:1 MAX)		
WATER LINE		W
SEWER LINE		S
ELECTRICAL LINE		E
CHAIN LINK FENCE		x x
P.C.C. CURB ONLY	G-1	
P.C.C. CURB & GUTTER	G-2	
P.C.C. RIBBON GUTTER		
BROW DITCH	D-75	
COMMERCIAL DRIVEWAY	G-26	
CURB CUT TO LANDSCAPE		

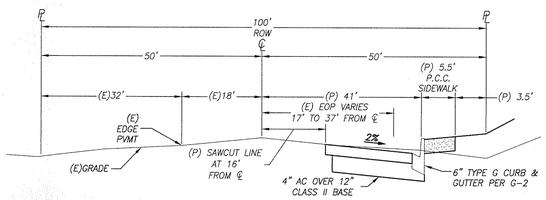
ABBREVIATIONS

CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
CONC.	CONCRETE
(E)	EXISTING
EOP	EGDE OF PAVEMENT
EX.	EXISTING
FL	FLOW LINE
(P)	PROPOSED
PA	PLANTING AREA
S	SEWER
SD	STORM DRAIN
TC	TOP OF CURB
W	WATER
WV	WATER VALVE

N

30 0 30 60 90

SCALE: 1"=30'



TYPICAL SECTION
OLDE HIGHWAY 80
(PUBLIC)
NOT TO SCALE

PERMANENT BMP

DESCRIPTION	TYPE/DWG.NO.**	SYMBOL
NON-STORMWATER DISCHARGES (CONDENSATE DRAIN LINES)	SC-10	SC-10
OUTDOOR LOADING AND UNLOADING	SC-30	SC-30
OUTDOOR LIQUID CONTAINER STORAGE	SC-31	SC-31
OUTDOOR STORAGE OF RAW MATERIALS	SC-33	SC-33
WASTE HANDLING AND DISPOSAL	SC-34	SC-34
BUILDING AND GROUNDS MAINTENANCE	SC-41	SC-41
PARKING/STORAGE AREA MAINTENANCE	SC-43	SC-43
DRAINAGE SYSTEM MAINTENANCE	SC-44	SC-44
BIORETENTION AREA	TC-32	
DRY DETENTION BASIN W/ IMPERVIOUS LINER		
MEDIA FILTER	MP-40	MF

** TYPE/DWG. NO. CAN BE FOUND AT THE CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA) WEBSITE:
https://www.casqa.org/resources/bmp-handbooks/industrial-and-commercial-bmp-handbook

LOW IMPACT DEVELOPMENT BMPs

DESCRIPTION	SYMBOL
MINIMIZE SOIL COMPACTION	LID 2.2.4
PARKING LOT DESIGN FOR COMMERCIAL PROJECTS	LID 3.4
LANDSCAPING DESIGN	LID 3.7
PERMEABLE PAVERS (LID 3.2.3)	

DISCRETIONARY REVIEW NOTE

THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSION BEFORE COMMENCING SUCH ACTIVITY.

DRAINAGE NOTES

1. HARDSCAPE GRADES TO BE 1% MINIMUM TO DRAINS AND AWAY FROM STRUCTURE.
2. SOFTSCAPE GRADES TO BE 2% MINIMUM TO DRAINS (1% WHERE FLOW IS CONCENTRATED) AND 2% MINIMUM AWAY FROM STRUCTURE.
3. SOIL COVER ABOVE DRAIN LINES SHALL BE 12" MINIMUM UNLESS OTHERWISE NOTED.

BASIS OF BEARINGS

THAT PORTION OF THE SOUTHERLY LINE OF INTERSTATE ROUTE 8 THAT BEARS NORTH 74°20'25" EAST AS SHOWN ON MONUMENTATION MAP MS 636

VERTICAL BENCHMARK

1" IRON PIPE W/ 3/4" "DIV HWYS" TAG AT COORDINATES N 247,404.32 ; E 1807,483.02 PER ROUTE 11-SD-8 MONUMENTATION MAP (MS 636). ELEVATION = 742.70' PER NGS OPUS NAVD88 SOLUTION.

EARTHWORK QUANTITIES *

CUT: 34,000 C.Y.
FILL: 8,200 C.Y.
NET: 25,800 C.Y. EXPORT

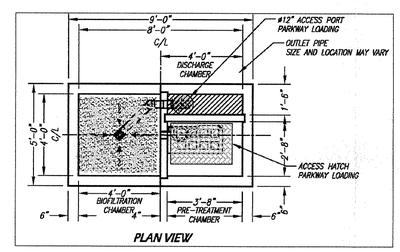
*CALCULATIONS FOR PERMIT PURPOSES ONLY. CONTRACTOR MUST DO OWN TAKEOFFS.

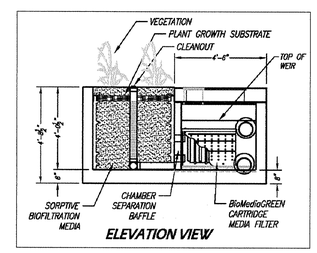
SPECIAL TREATMENT SLOPE AREAS

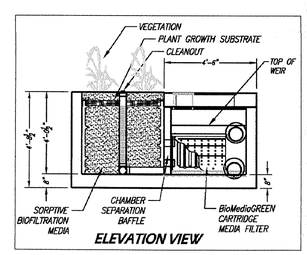
CUT EMBANKMENTS COMPRISED OF GEOLOGICALY STABLE ROCK AREAS SHALL BE CONSTRUCTED AT A VARYING MAXIMUM RATIO OF 1:LAND WILL VARY TO A 3: 1 SLOPE GRADIENT AS THE SLOPE ROUNDS INTO NATURAL TERRAIN (PER AN APPROVED SOILS REPORT). THESE AREAS WILL BE HYDRO SEEDED AND TEMPORARILY IRRIGATED UNTIL PLANT ESTABLISHMENT IS COMPLETE. SLOPE AREAS WILL BE SCREENED FROM VIEW BY PLANTING LARGE TREES AND SHRUBS AT THE TOE OF THE SLOPE AT A MIN. RATIO OF 1 TREE PER 10 LINEAL FEET. IN ADDITION, VINES WILL BE PLANTED ALONG THE TOP OF SLOPE WHICH WILL SPILL DOWN AND FURTHER SCREEN THE EMBANKMENTS FROM VIEW.

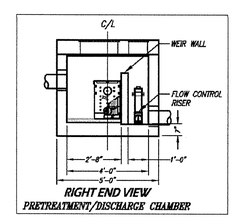
MODULAR WETLAND MEDIA FILTER DETAILS

NOT TO SCALE









PROJECT APPLICANT/OWNER:
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REGISTERED PROFESSIONAL ENGINEER DANIEL J. VALDEZ No. RCE 076074 CIVIL STATE OF CALIFORNIA
PRELIMINARY

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DRAWN BY:	DV
CHECKED BY:	
ORIGINAL	11/21/14
REVISION 1	
REVISION 2	
REVISION 3	
REVISION 4	
REVISION 5	

PRELIMINARY GRADING PLAN

SCALE: 1" = 30'

C.1

SDC PDS RCVD 11-24-14
MUP14-015