GENERAL GRADING NOTES:	ENGINEERED GRADING INSPECTION CERTIFICATES
1. GRADING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE SOILS REPORT BY EARTH SYSTEMS PACIFIC, DATED JUNE 17, 2019 OR THERE AFTER AND WITH THE GRADING PLANS PREPARED BY	JOB ADDRESS OR LOT AND TRACT NO: OXNARD COLLEGE FIRE ACADEMY, CAMARILLO, CA.
JENSEN DESIGN AND SURVEY DATED OCT. 10, 2019 OR THERE AFTER. 2. THE GRADING PERMIT AND WORK SHOWN IN THESE PLANS IS VALID ONLY TO THE EXTENT OF THE VENTURA COUNTY BUILDING CODE APPENDIX J - GRADING. PERMITS OR PERMISSIONS THAT MAY	104 DURLEY AVE, CAMARILLO, CA
	ROUGH GRADING CERTIFICATION
3. A PRECONSTRUCTION MEETING SHALL BE HELD AT THE SITE PRIOR TO ANY GRADING ACTIVITY OR LAND DISTURBANCES WITH THE FOLLOWING PARTIES PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, OTHER JURISDICTIONAL AGENCIES WHEN REQUIRED.	(A) BY SOILS ENGINEER
4. HEAVY EQUIPMENT NOISE & TRUCK DELIVERIES SHALL OCCUR DURING HOURS SPECIFIED BY THE ARCHITECT.	I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE AND
5. NO GRADING ACTIVITY SHALL OCCUR IN ANY WETLAND, BLUE-LINE STREAM, RED-LINE CHANNEL, OR FLOODPLAIN WITHOUT THE PERMISSION OF THE ARCHITECT, OR OTHER AUTHORITIES HAVING JURISDICTION.	RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK AND TESTING DURING GRADING. I FURTHER CERTIFY THAT WHERE THE REPORTS OF ENGINEERING GEOLOGIST, RELATIVE TO THIS SITE, HAVE RECOMMENDED THE INSTALLATION OF BUTTRESS FILLS OR OTHER SIMILAR STABILIZATION MEASURES, SUCH EARTHWO CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED DESIGN.
6. ALL RECOMMENDATIONS MADE BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) CONTAINED IN THE REPORTS AS APPROVED BY THE COUNTY SHALL BE A PART OF THIS GRADING PLAN.	LOT NOS:
7. ALL DISTURBED SURFACES SUBJECT TO EROSION SHALL BE PROTECTED IN ACCORDANCE WITH THE VENTURA COUNTYWIDE MUNICIPAL STORMWATER NPDES PERMIT. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FULLY FUNCTIONAL.	SEE REPORTS DATED:
8. ALL UNSUITABLE MATERIAL, I.E. LUMBER, LOGS, BRUSH, COMPRESSIBLE SOILS, OR ANY ORGANIC MATERIALS OR RUBBISH, SHALL BE REMOVED AS REQUIRED BY THE SOILS ENGINEER AND ENGINEERING GEOLOGIST FROM ALL AREAS TO RECEIVE FILL.	FOR TEST DATA, RECOMMENDED ALLOWABLE SOIL BEARING VALUES & OTHER SPECIAL RECOMMENDATIONS.
9. ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST WHERE EMPLOYED) AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES, AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR FILL.	
10. ALL MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL SHALL BE REMOVED FROM THE SITE. MATERIALS SUCH AS CONSTRUCTION INERT DEBRIS, OR IMPORTED MATERIALS SHALL BE APPROVED BY THE SOILS ENGINEER AND COUNTY PRIOR TO USE IN COMPACTED FILL. WHERE EXCAVATED MATERIAL IS LARGER THAN TWELVE INCHES IN LARGEST DIMENSION, IT MUST BE BROKEN INTO SMALLER PARTICLE SIZES, BEFORE BEING USED AS FILL.	SOILS ENGINEER REG. NO DATE (SIGNATURE)
11. THE SOILS ENGINEER SHALL DIRECT THE REMOVAL OF ANY EXISTING UNDERGROUND STRUCTURES SUCH AS SEPTIC TANKS, IRRIGATION LINES, ETC.	
12. ANY WATER WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE WATER RESOURCES DIVISION, WATERSHED PROTECTION DISTRICT PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.	(B) BY ENGINEERING GEOLOGIST SEAL
13. ANY OIL WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE STATE OF CALIFORNIA, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.	I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL OF THE RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE AND RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK DURING GRADING.
14. ALL TEMPORARY EXCAVATED SLOPES OR BENCHES AND KEYS FOR BUTTRESS OR STABILIZATION FILLS MUST BE EXAMINED BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER TO INSURE THAT ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY SUPPORTED BY THE PROPOSED BUTTRESS. FIELD CERTIFICATION MUST BE SUBMITTED BY THE CONSULTANTS PRIOR TO PLACING FILL.	LOT C, PARCEL 8
15. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST (WHERE EMPLOYED) SHALL PROVIDE RECOMMENDATIONS AND APPROVE CORRECTIVE WORK TO INSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED AT THE TOP OF CUTS AND EXCAVATIONS.	ENGINEERING GEOLOGIST CERT. NO. DATE
16. INTERIM SOILS AND GEOLOGIC REPORTS SHALL BE SUBMITTED TO THE COUNTY AS REQUIRED BY THE ARCHITECT.	(SIGNATURE)
17. ROUGH GRADE SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMMARIZING ALL EARTHWORK PERFORMED AND CONCLUDING THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL OF THE ROUGH GRADING BY THE CIVIL ENGINEER, SOILS ENGINEER, AND ARCHITECT PRIOR TO CALLING FOR BUILDING AND SAFETY INSPECTION.	SEAL
18. FINAL SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMMARIZING ALL EARTHWORK PERFORMED SINCE ROUGH GRADING AND CONCLUDING THAT THE WORK HAS	(C) BY CIVIL ENGINEER

- 18. FINAL SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMMARIZING ALL EARTHWORK PERFORMED SINCE ROUGH GRADING AND CONCLUDING THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS SHALL BE SUBMITTED WITH THE AS-BUILT PLANS (RECORD DRAWING) TO THE CIVIL ENGINEER AND ARCHITECT PRIOR TO FINAL INSPECTION BY THE ARCHITECT.

	LOT NOS: LOT C, PARCEL 8
EARTHWORK QUANTITIES cut: <u>13750</u> cu. yds. export: <u>0</u> cu. yds. disposal site <u>LOST TO SHRINKAGE</u>	CIVIL ENGINEER REG. NO DATE (SIGNATURE)
FILL: <u>16500</u> CU. YDS IMPORT: <u>0</u> CU. YDS SOURCE <u>ON SITE</u>	SEAL
THIS PROJECT INCLUDES POST CONSTRUCTION BMP'SYESNO	FINAL GRADING CERTIFICATION
THE TOTAL ESTIMATED DISTURBED AREA OF GRADING AND CONSTRUCTION IS <u>2.5</u> ACRES. PROJECTS THAT ARE 1.0 ACRE OR GREATER IN DISTURBED AREA WILL REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND NOTICE OF INTENT (NOI) AS APPROVED BY THE STATE REGIONAL WATER QUALITY CONTROL BOARD AS DESCRIBED ABOVE.	BY CIVIL ENGINEER
AVERAGE NATURAL SLOPE IN THE AREA OF GRADING <u>3</u> %	I CERTIFY TO THE SATISFACTORY COMPLETION OF GRADING IN ACCORDANCE WITH THE APPROVED PLANS. ALL DRAINAGE DEVICES REQUIRED BY THE GRADING PERI PLANS AND GRADING ORDINANCE HAVE BEEN INSTALLED. EROSION TREATMENT OF SLOPES AND IRRIGATION SYSTEMS (WHERE REQUIRED) HAVE BEEN INSTALLED PROVISIONS HAVE BEEN MADE FOR DRAINAGE OF SURFACE WATERS FROM EACH BUILDING SITE AS OF THIS DATE.
THE TOTAL AMOUNT OF IMPERVIOUS AREA TO BE CONSTRUCTED AS PART OF THIS PROJECT ISSQ. FT.	LOT NOS: LOT C, PARCEL 8
TOTAL PROPOSED LANDSCAPED AREA SQ. FT. TOTAL NATIVE PLANTING LANDSCAPE AREA% (PERCENT OF TOTAL LANDSCAPE AREA)	
LAND DEVELOPMENT & INSPECTION SERVICES MUST BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO ANY EXPORT/IMPORT TO/FROM THE PROJECT SITE.	CIVIL ENGINEER REG, NO DATE (SIGNATURE)
PERMITS	
VENTURA COUNTY WATERSHED PROTECTION COUNTY ENCROACHMENT PERMIT NO. DISTRICT WATERCOURSE PERMIT NO.	GRADING CONTRACTOR CERTIFICATION
DATE DATE	BY GRADING CONTRACTOR
	I CERTIFY THAT THE GRADING WAS DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, THE GRADING ORDINANCE, AND THE RECOMMENDATIONS OF THE CIV

STATE ENCROACHMENT PERMIT NO.

LOCATION & VICINITY MAP APPROVAL BY CONSULTANTS THIS GRADING PLAN IS ACCEPTABLE IN REGARD TO SOILS (AND GEOLOGIC - IF APPLICABLE) CONDIT TO THE RECOMMENDATION OF THE SUPPORTIVE REPORT(S) DATED: STONEGATE 101 FWY STAGE TRAIL SOILS ENGINEERING REPORTS: (SOILS ENGINEER SIGNATURE) VERDULERA [†]ST (PRINT NAME) (RCE NO. CAMARILLO AIRPORT ENGINEERING GEOLOGY REPORTS: PROJECT LOCATION (ENGINEERING GEOLOGIST SIGNATURE) DURLEY CERT. NO. (PRINT NAME) I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH THE ADOPTED COUNTY STANDAR EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN THE PROF ACT. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS BY THE COUNTY OF VENTURA IS CO PLEASANT VALLEY RD. ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF RECORD, OF MY RESPONSIBILITIES FOR PROJECT (CIVIL ENGINEER SIGNATURE) NOT TO SCALE (PRINT NAME) (RCE NO.) GATE CODE RCE | DATE | APP. | APP. DATE DESCRIPTION OF REVISION REV. OCT 2016

FLOODPLAIN DEVELOPMENT PERMIT

I CERTIFY TO THE SATISFACTORY COMPLETION OF ROUGH GRADING INCLUDING GRADING TO APPROXIMATE FINAL ELEVATIONS; PROPERTY LINES LOCATED AND STAKED, CUT AND FILL SLOPES CORRECTLY GRADED AND LOCATED IN ACCORDANCE WITH THE APPROVED DESIGN; SWALES AND TERRACES GRADED READY FOR PAVING; BERMS INSTALLED; AND REQUIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADS. I FURTHER CERTIFY THAT WHERE REPORT OR REPORTS OF AN ENGINEERING GEOLOGIST AND/OR SOILS ENGINEER HAVE BEEN PREPARED RELATIVE TO THIS SITE, THE RECOMMENDATIONS CONTAINED IN SUCH REPORTS HAVE BEEN INCORPORATED IN THE DESIGN.

RMIT, GRADING ADEQUATE

VIL ENGINEER, SOILS ENGINEER AND ENGINEERING GEOLOGIST. IT IS UNDERSTOOD THAT THIS CERTIFICATION INCLUDES ONLY THOSE ASPECTS OF THE WORK THAT CAN BE DETERMINED BY ME, AS A COMPETENT GRADING CONTRACTOR, WITHOUT SPECIAL EQUIPMENT OR PROFESSIONAL SKILLS.

GRADING CONTRACTOR LICENSE NO. _____ DATE ____ (SIGNATURE INSTRUCTIONS: THE OWNER MAY SIGN IF THE GRADING WAS NOT DONE BY A LICENSED GRADING CONTRACTOR.

NTS PPLICABLE) CONDITIONS AND CONFORMS	OWNER/APPLICANT V.C.C.C.D. 761 E DAILY DR. CAMARILLO, CA 93010		SE10 - S SE11 - A SE12 - T SE13 - C SE14 - B WE1 - W
20 COUNTY STANDARDS, AND THAT I HAVE INED IN THE PROFESSIONAL ENGINEERS OF VENTURA IS CONFINED TO A REVIEW ITIES FOR PROJECT DESIGN.	805–652–5500 BENCH MARK DATA 0.9 MILE EASTERLY ALONG PLEASANT FROM ITS INTERSECTION OF PLEASAN AND EUBANKS STREET AT AN ENTRA CAMARILLO AIRPORT, 53.3 FEET EAST CENTER OF EUBANKS STREET, 4.0 FE FROM A CORNER CHAIN LINK FENCE, SOUTHERLY FROM A STEEL GUARD PA TOPOGRAPHY DATA BASED ON TOPOGRAPHY SURVEY PE 25 2018	T VALLEY ROAD NCE TO TERLY FROM THE TE EASTERLY 1.0 FOOT OST.	TC1-ST. TC2-ST. TC3-EN NOTT ** EX RE. AN RE. MIT CO RE WIT CO CO CO CO CO CO CO CO CO CO
JENSEN DESIGN & SURVEY, INC www.jdscivil.com	1672 DONLON STREET VENTURA, CALIF. 93003 PHONE 805/654-6977 FAX 805/654-6979 (EXP 12-31-19) DATE	APPROVED: COUNTY OF VENTURA DATE:	- COUN PUBLIC - DEVELOPMENT

GENERAL STORMWATER NOTES:

THE LEGALLY RESPONSIBLE PERSON OF ANY PROPERTY IN WHICH GRADING ACTIVITIES OR OTHER SOIL DISTURBANCE ACTIVITIES ARE PERFORMED, INCLUDING PERMITTEE, SHALL COMPLY WITH THE LATEST AND APPLICABLE NPDES REQUIREMENTS. EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED BEFORE GRADING BEGINS. DURING GRADING ACTIVITIES, ALL BMP'S SHALL BE UPDATED AS NECESSARY TO PREVENT EROSION AND ANY ILLICIT DISCHARGE OF CONSTRUCTION RELATED POLLUTANTS. EROSION CONTROL BMP'S ARE LISTED ON COUNTY FORMS SW-1, SW-2, OR SW-HR.

- 1. GENERAL CONSTRUCTION PERMIT. PROJECTS THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE, OR THAT ARE PART OF A COMMON PLAN OF DEVELOPMENT OR SALE THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE ARE REQUIRED TO OBTAIN COVERAGE UNDER NPDES CALIFORNIA STATEWIDE GENERAL CONSTRUCTION PERMIT NO. CAS000002, AS A NUMBER ASSIGNED TO THE PROJECT BY THE STATE WATER RESOURCES CONTROL BOARD, COMPLETED AND SIGNED NOTICE OF INTENT (NOI) AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE SUBMITTED AND IMPLEMENTED DURING ALL GRADING ACTIVITIES.
- 2. COUNTY'S STORM DRAIN SYSTEM. ILLICIT DISCHARGES INTO THE COUNTY'S STORM DRAIN SYSTEM AS A RESULT OF GRADING, CLEARING, CONSTRUCTION, DEMOLITION, AND OTHER SOIL DISTURBANCE ACTIVITIES ARE PROHIBITED.
- 3. **INSPECTIONS.** EROSION CONTROL AND PERMANENT STORMWATER TREATMENT BMP'S ARE SUBJECT TO INSPECTIONS AS REQUIRED BY THE PERMIT ORDER NO. R4-2010-0108, AS AMENDED FROM TIME TO TIME.
- 4. PUMPED WATER DISCHARGES. DISCHARGES OF PUMPED GROUND WATER REQUIRE A DISCHARGE PERMIT FROM THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).
- 5. SANITARY FACILITIES. PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS,
- DRAINAGE COURSES, AND STORM DRAIN INLETS. 6. EMERGENCY WORK. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER
- 1ST TO APRIL 15TH). NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.

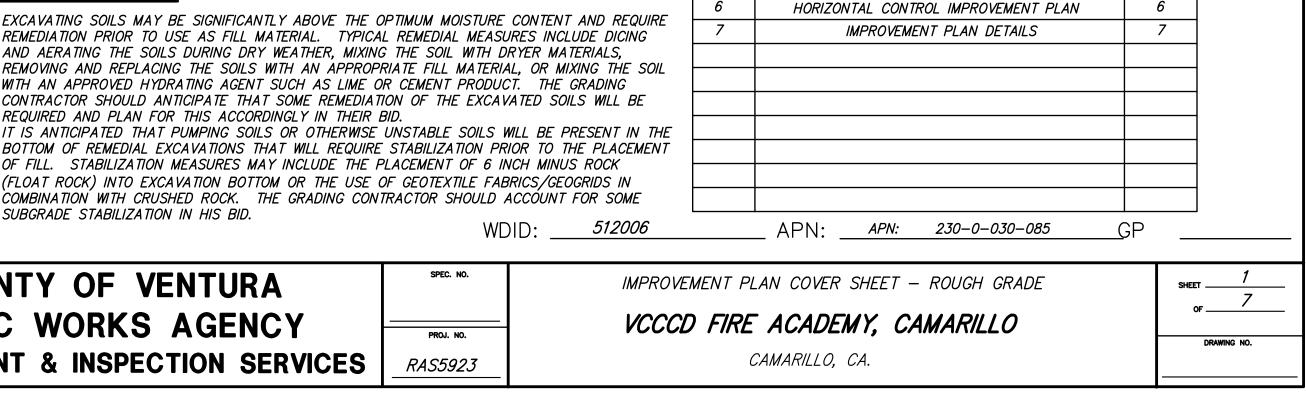
PROJECT BMP'S

THE FOLLOWING BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER, QUALIFIED SWPPP DEVELOPER, PRACTITIONER OR THE BUILDING OFFICIAL). CERTAIN BMP'S ARE REQUIRED AS PART OF THE STORMWATER FORMS SW-1, SW-2 AND SW-HR. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE BMP'S LISTED HEREON, ARE IMPLEMENTED AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION. THE INSPECTOR OR BUILDING OFFICIAL MAY PERFORM UNANNOUNCED SITE INSPECTIONS TO ENSURE THAT THE PROJECT MAINTAINS THE BMP'S AS LISTED BELOW.

COMPLETE CHECKLIST BELOW FOR APPLICABLE PROJECT BMP'S

EROSION CONTROL
EC1 – SCHEDULING
EC2 – PRESERVATION EXISTING VEGETATION
EC3 – HYDRAULIC MULCH
EC4 – HYDROSEEDING
EC5 – SOIL BINDERS
EC6 – STRAW MULCH
EC7 – GEOTEXTILES & MATS
EC8 – WOOD MULCHING
EC9 – EARTH DIKES & DRAINAGE SWALES
EC10 – VELOCITY DISSIPATION DEV.
EC11 – SLOPE DRAINS
EC12 – STREAMBANK STABILIZATION
EC14 – COMPOST BLANKETS
EC15 – SOIL PREPARATIONIROUGHENING
EC16 – NON-VEGETATED STABILIZATION
TEMPORARY SEDIMENT CONTROL
SE1 – SILT FENCE
SE2 – SEDIMENT BASIN
SE3 – SEDIMENT TRAP
SE4 – CHECK DAM
SE5 – FIBER ROLLS
SE6 – GRAVEL BAG BERM
SE7 – STREET SWEEPING AND VACUUMING
SE8 – SANDBAG BARRIER
 SE9 – STRAW BALE BARRIER
SE10 – STORM DRAIN INLET PROTECTION
SE11 – ACTIVE TREATMENT SYSTEMS
SE12 – TEMPORARY SILT DIKE
SE13 – COMPOST SOCKS & BERMS
SE14 – BIOFILTER BAGS
WIND EROSION CONTROL
WE1 – WIND EROSION CONTROL
EQUIPMENT TRACKING
TC1 – STABILIZED CONSTRUCTION ENTRANCE EXIT
TC2 – STABILIZED CONSTRUCTION ROADWAY
TC3 – ENTRANCE/OUTLET TIRE WASH

TCE TO BIDDER



SHEET

<u>NO.</u>

1

2

4

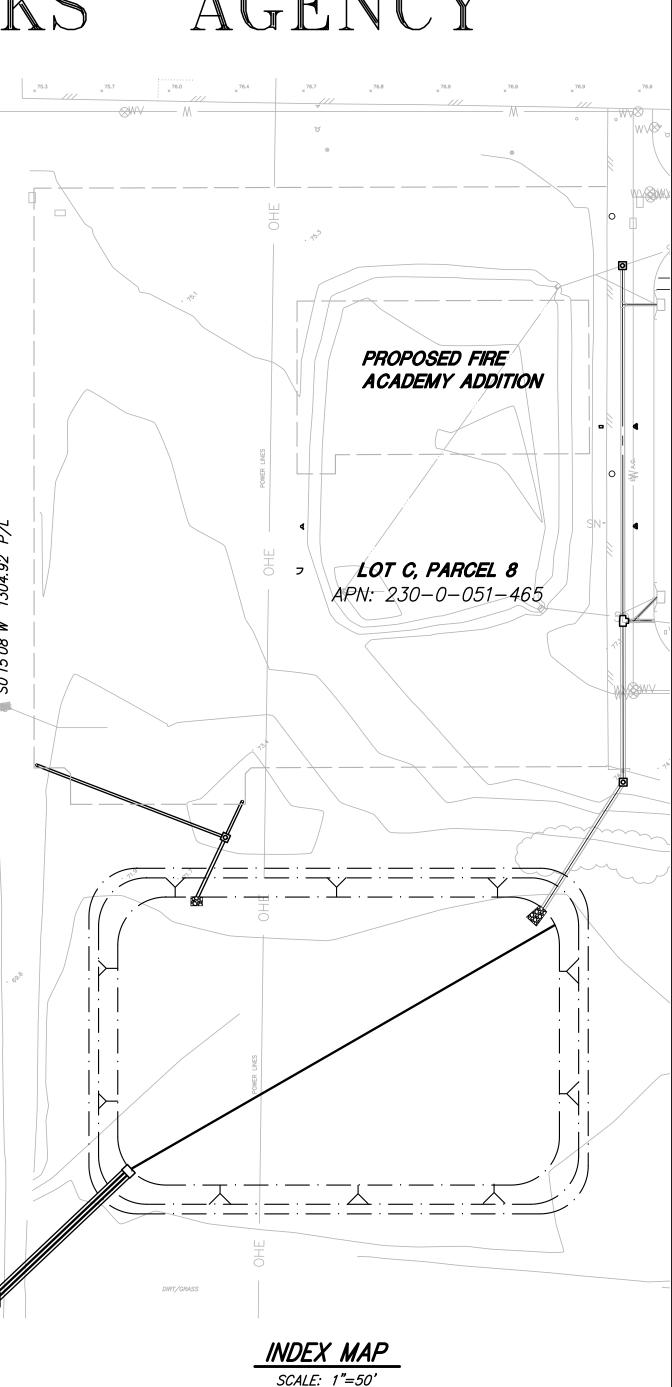
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6

COUNTY OF VENTURA PUBLIC WORKS AGENCY

BMP DESCRIPTIONS AND DETAILS CAN BE OBTAINED FROM THE CALIFORNIA STORMWATER HANDBOOKS AT WWW.CASQA.ORG

NS1 – WATER CONSERVATION PRACTICES NS2 – DEWATERING OPERATIONS NS3 – PAVING & GRINDING OPERATIONS	
NS3 – PAVING & GRINDING OPERATIONS	
NS4 – TEMPORARY STREAM CROSSING	
NS5 – CLEAR WATER DIVERSION	
NS6 – ILLICIT CONNECTION/DISCHARGE	
NS7 – POTABLE WATER/IRRIGATION	
NS8 – VEHICLE & EQUIPMENT CLEANING	
NS9 – VEHICLE & EQUIPMENT FUELING	
NS10 – VEHICLE & EQUIPMENT MAINTENANCE	
NS11 – PILE DRIVING OPERATIONS	
NS12 – CONCRETE CURING	
NS13 – CONCRETE FINISHING	
NS14 – MATERIAL & EQUIPMENT USE	
NS15 – DEMOLITION ADJACENT TO WATER	
NS16 – TEMPORARY BATCH PLANTS	
VASTE MANAGEMENT & MATERIAL POLLUTION CONTROL	
WM1 – MATERIAL DELIVERY & STORAGE	
WM2 – MATERIAL USE	
WM3 – STOCKPILE MANAGEMENT	
WM4 – SPILL PREVENTION & CONTROL	
WM5 – SOLID WASTE MANAGEMENT	
WM6 – HAZARDOUS WASTE MANAGEMENT	
WM7 – CONTAMINATION SOIL MANAGEMENT	
WM8 – CONCRETE WASTE MANAGEMENT	
WM9 – SANITARY/SEPTIC WASTE MANAGEMENT	
WM10 – LIQUID WASTE MANAGEMENT	
ADDITIONAL BMP'S SELECTED	



INDEX OF DRAWINGS

DESCRIPTION

GRADING IMPROVEMENT PLAN COVER SHEET

ROUGH GRADING IMPROVEMENT PLAN LEGEND

STORM DRAIN IMPROVEMENT PLAN

STORM DRAIN IMPROVEMENT PLAN

ROUGH GRADING IMPROVEMENT PLAN

DRAWING

<u>NO.</u>

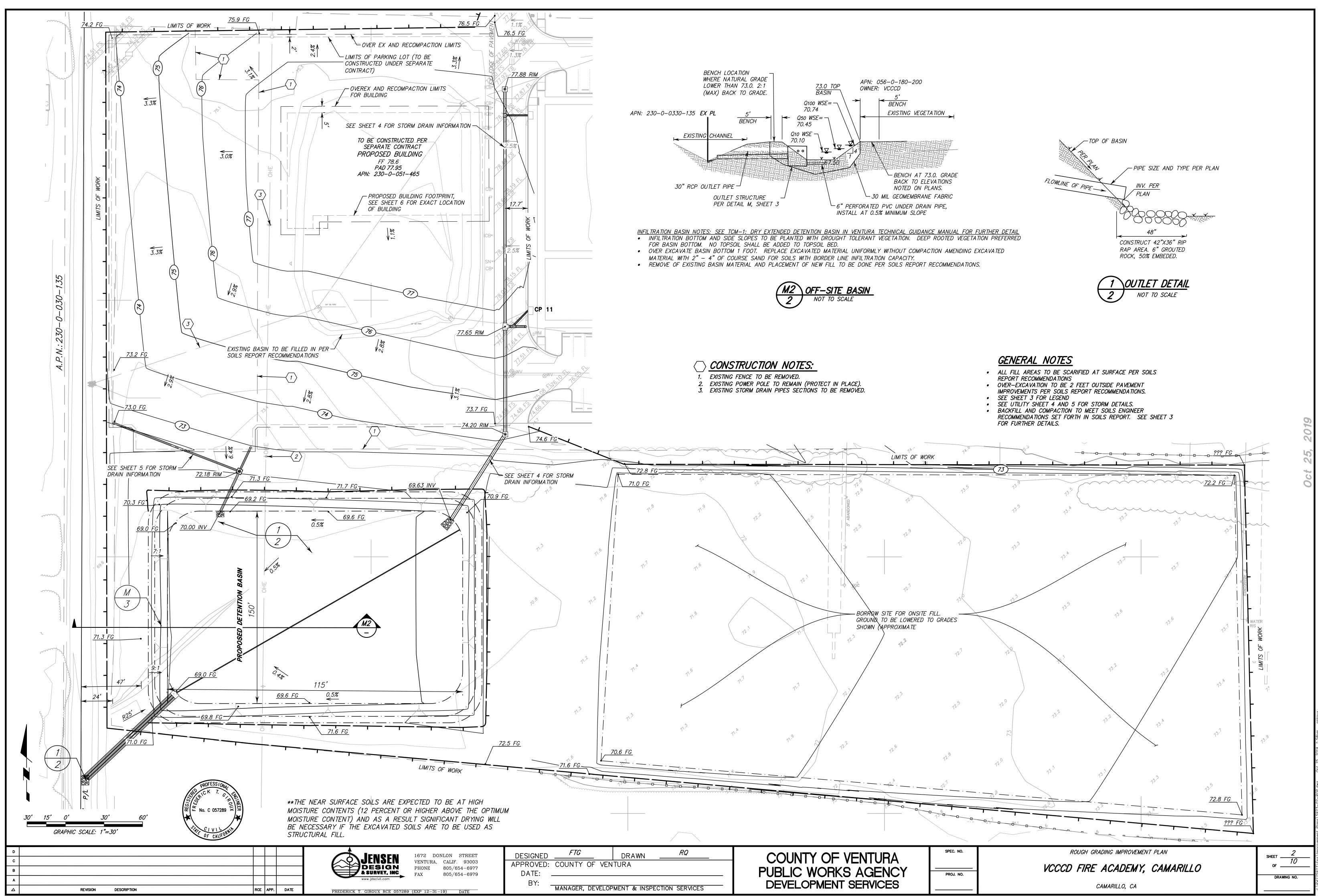
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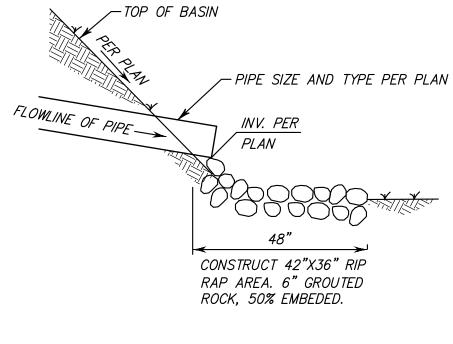
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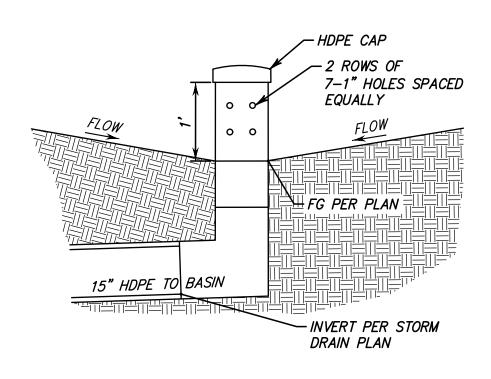


SOILS NOTES: PER SOILS REPORT 19-6-39 BY EARTH SYSTEMS

• ALL FILL AREAS TO BE SCARIFIED AT SURFACE PER SOILS REPORT RECOMMENDATIONS.

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- OVER-EXCAVATION TO BE 2 FEET OUTSIDE PAVEMENT IMPROVEMENTS AND 5
- FEET OUTSIDE BUILDING LIMITS PER SOILS REPORT RECOMMENDATIONS. COMPACTION OF SUBGRADE TO MEET SOILS ENGINEER RECOMMENDATIONS SET
- FORTH IN SOILS REPORT. • THE NEAR SURFACE SOILS ARE EXPECTED TO BE AT HIGH MOISTURE CONTENTS (12 PERCENT OR HIGHER ABOVE THE OPTIMUM MOISTURE CONTENT), AS A RESULT SIGNIFICANT DRYING WILL BE NECESSARY IF THE
- EXCAVATED SOILS ARE TO BE USED AS STRUCTURAL FILL. • BECAUSE OF THE ANTICIPATED WET SOIL CONDITIONS. ANY REMEDIAL EXCAVATIONS OR UTILITY TRENCH EXCAVATIONS. STABILIZATION OF THE
- EXCAVATION BOTTOMS WILL BE REQUIRED PRIOR TO PLACING FILL. • NO COMPACTED FILL SHOULD BE PLACED UNLESS THE UNDERLYING SOIL HAS BEEN OBSERVED BY THE GEOTECHNICAL ENGINEER.
- ON-SITE SOILS MAY BE USED FOR FILL ONCE THEY ARE CLEANED OF ALL ORGANIC MATERIAL, ROCK, DEBRIS, AND IRREDUCIBLE MATERIAL LARGER THAN 6 INCHES. EXCAVATED SOILS ARE EXPECTED TO BE AT A HIGH MOISTURE CONTENT AND DRYING WILL BE NECESSARY BEFORE REPLACING AS COMPACTED BACKFILL.
- BACKFILL AROUND OR ADJACENT TO CONFINED AREAS MAY BE PERFORMED WITH A LEAN SAND/CEMENT SLURRY (MAXIMUM 28-DAY COMPRESSIVE STRENGTH OF 200 PSI) OR "FLOWABLE FILL" MATERIAL (A MIXTURE OF SAND/CEMENT/FLY ASH). THE FLUIDITY AND LIFT PLACEMENT THICKNESS OF ANY SUCH MATERIAL SHOULD BE CONTROLLED IN ORDER TO PREVENT "FLOATING" OF ANY "SUBMERGED" STRUCTURE. ALTERNATIVELY, A GRAVEL BACKFILL COULD BE USED, SUBJECT TO APPROVAL BY THE GEOTECHNICAL ENGINEER.
- IF PUMPING SOILS OR OTHERWISE UNSTABLE SOILS ARE ENCOUNTERED DURING THE OVER-EXCAVATION, STABILIZATION OF THE EXCAVATION BOTTOM WILL BE REQUIRED PRIOR TO PLACING FILL USING METHODS SET FORTH IN THE SOILS REPORT AND UNDER SUPERVISION OF THE GEOTECHNICAL ENGINEER.





NOTICE TO THE CONTRACTOR THE EARTHWORK SUMMARY IS PROVIDED AS A COURTESY AND CONVENIENCE TO THE CONTRACTOR. QUANTITIES SHOWN ARE APPROXIMATE, BASED ON THE DIFFERENCES BETWEEN EXISTING GROUND ELEVATIONS AND ROUGH GRADE ELEVATIONS. QUANTITIES PROVIDED MAKE NO PROVISIONS FOR STRIPPING, OR OVEREXCAVATION. VARIABLES SUCH AS COMPACTION, SHRINKAGE AND THE CONTRACTORS METHOD OF OPERATION, WILL CAUSE THE VOLUME OF DIRT MOVED IN THE FIELD TO DEVIATE FROM THE CALCULATED QUANTITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EARTHWORK REQUIREMENTS TO ROUGH GRADE THIS JOB.

CAUTION:

EXISTING UTILITIES WERE LOCATED FROM BEST AVAILABLE INFORMATION. CONTRACTOR SHALL POTHOLE AND LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

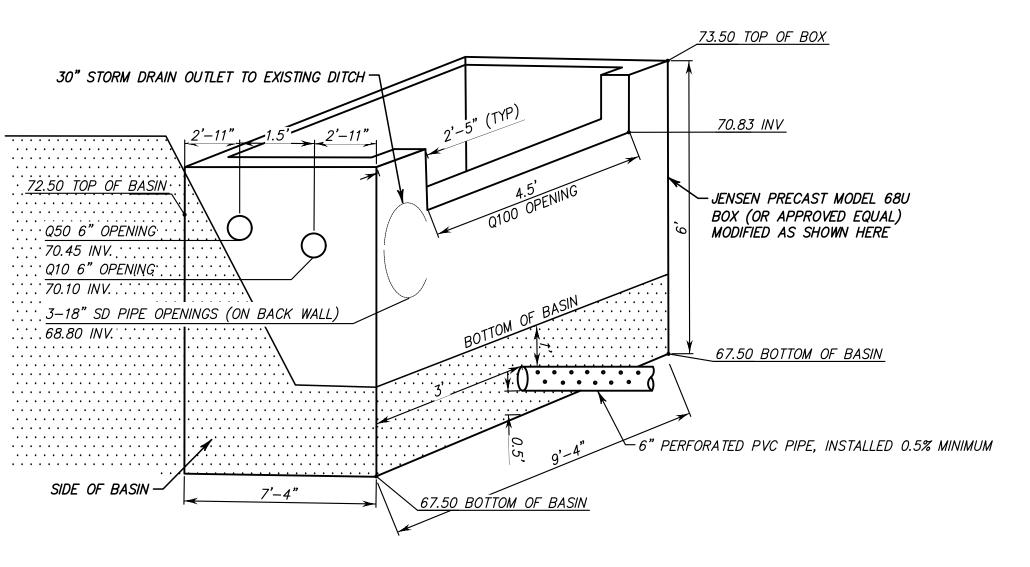
****** CONTRACTOR SHALL VERIFY BUILDING SLAB SECTIONS WITH SOILS REPORT AND STRUCTURAL DRAWINGS AND NOTIFY CIVIL ENGINEER IMMEDIATELY IF THERE IS A DISCREPANCY.



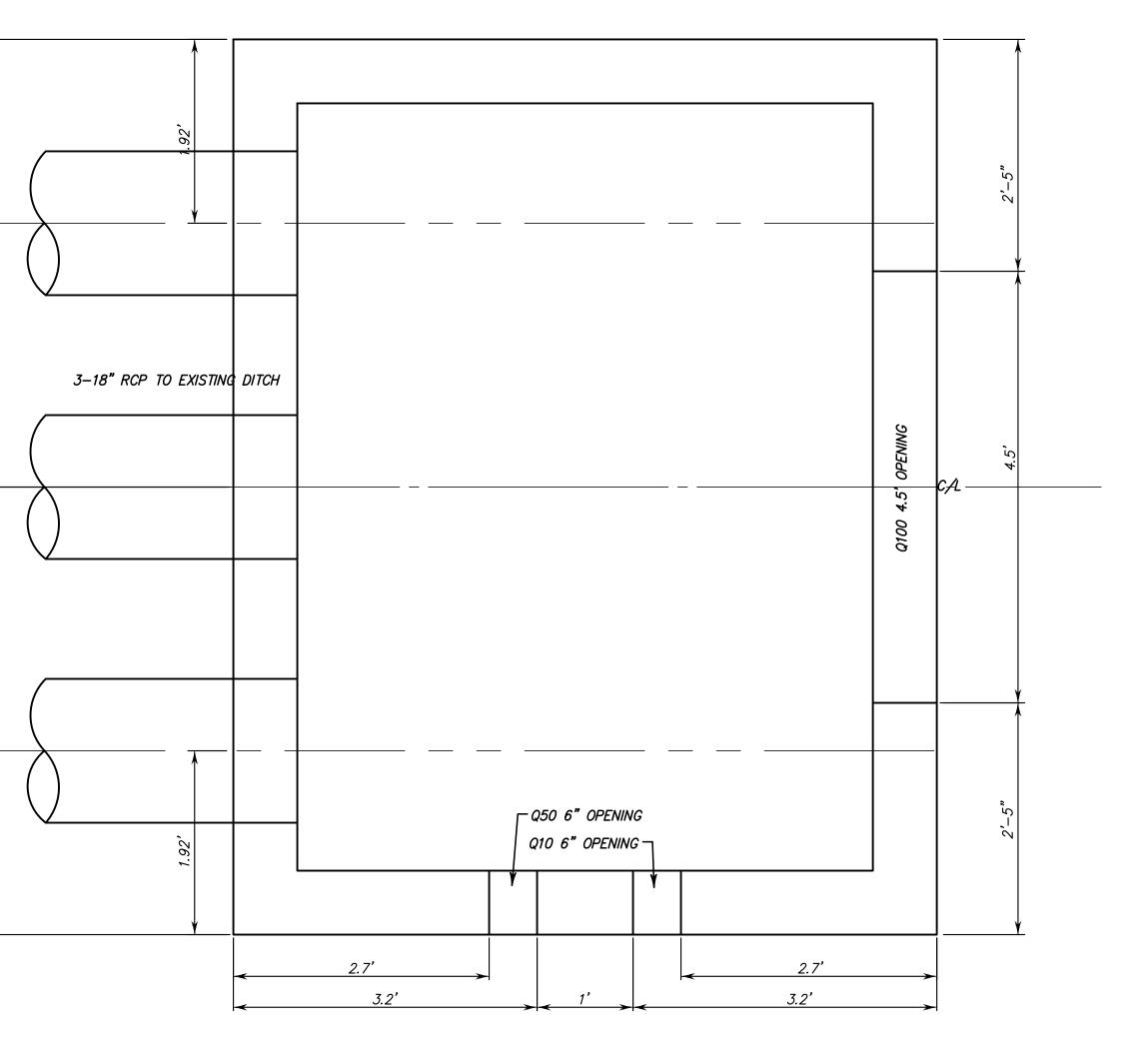


REVISION DESCRIPTION

RCE APP. DATE







M	BASIN OUTLET STRUCTURE – PLAN V	<u>/IEW</u>
3	SCALE: 1"=1'	

JENSEN 1672 DONLON STREET VENTURA, CALIF. 93003	DESIGNED FTG DRAWN RQ	COUNTY OF VENTURA
DESIGN & SURVEY, INC BAX BO5/654-6979 FAX BO5/654-6979	APPROVED: COUNTY OF VENTURA DATE:	PUBLIC WORKS AGENCY
www.jdscivil.com FREDERICK T. GIROUX RCE 057289 (EXP 12-31-19) DATE	BY:	DEVELOPMENT SERVICES

<u>LEGEND & ABBREVIATIONS</u>	•			
ABBRE VIA TIONS	PROPOSED		<u>EXISTING</u>	
AC = ASPHALT PAVEMENT	AC	AIR CONDITIONING PAD		
ASTM = AMERICAN SOCIETY for TESTING		\pm BLOCK WALL		BLOCK WALL
& MATERIALS BC = BEGIN CURVE		CATCH BASIN	(10)	CONTOUR LINE
BCR = BEGIN CURVE RADIUS		- CUT/FILL	6	FIRE HYDRANT
BLDG = BUILDING BLK = BLOCK		– DAYLIGHT	0	FIRE FIDRANT
BOP = BOTTOM OF PIPE		– EASEMENT LINE	G	GAS
BSW = BACK OF SIDEWALK CFS = CUBIC FOOT PER SECOND	X	- FENCE	—— 0/н е——	- OVERHEAD ELEC.
C/L = CENTERLINE	</td <td>FIRE HYDRANT</td> <td></td> <td></td>	FIRE HYDRANT		
C.L. = CHAIN LINK $CB = CATCH BASIN$	>	- FLOWLINE/SWALE	RW	· RECLAIMED WATER
CB = CATCH BASINCF = CURB FACE		■ RETAINING WALL . - SAWCUT LINE	S	SEWER
CMP = CORRUGATED METAL PIPE		SURFACE DRAIN W/ATRIUN	∕ *•	STREET LIGHT
C.O.C. = CITY OF CAMARILLO SCO = SEWER CLEANOUT		SURFACE DRAIN		STREET SIGN
CONC. =CONCRETE	₩•	STREET LIGHT	σ	STREET SIGN
EC = END CURVE	•	STREET SIGN		STORM DRAIN
ECR = END CURVE RADIUS EG = EXISTING GRADE	<i>SD</i> <i>S</i>	— STORM DRAIN — SEWER	w	WATER
EP = EDGE OF PAVEMENT	·	- SLOPE		
FG = FINISHED GRADE	<u> </u>	- TRAFFIC SIGNAL CONDUIT	8	WATER VALVE
FH = FIRE HYDRANT FL = FLOW LINE	73	– TRAFFIC SIGNAL CONDUIT – WATER	T	- TELEPHONE
FPS = FEET PER SECOND		- RECYCLED WATER	v	· FENCE
FS = FINISHED SURFACE G = GAS	~~~~~	- PROPERTY LINE	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
GR = GRADE		 TRACT BOUNDARY 	0	SEWER MANHOLE
GB = GRADE BREAK		- RIGHT OF WAY	(00.00 TC)	EXISTING
HGL = HYDRO GRADE LINE INV. = INVERT	\otimes	WATER VALVE	(00.00 FL)	
IRR = IRRIGATION WATER MAIN	Ś	THRUST BLOCK		
KHPS = KILOHERTZ PER SECOND LAT = LATERAL		WATER METER		
LF = LINEAR FEET				
LP = LOW POINT MH = MANHOLE		WATER BLOW OFF WATER AIR-VAC		
MOC = MIDDLE OF CURVE			6 <u>"</u> ₆₇	P IN FINISH FLOOR
PCC =POINT OF COMPOUND CURVE		WATER SAMPLING STATION	E STE	P IN FINISH FLOOR
P/L =PROPERTY LINE PP = POWER POLE		SEWER LATERAL		
P.M.B. = PROCESSED MISCELLANEOUS BASE	——0——	SEWER MANHOLE	TRE	E PLANTER
P.O.C. = POINT OF CONNECTION PUE = PUBLIC UTILITY EASEMENT		STORM DRAIN MANHOLE		
POE = POBLIC OTILITY EASEMENT PRC = POINT OF REVERSE CURVE PVC = POLYVINYL CHLORIDE		STORM DRAIN JUNCTION S	TRUCTURE	
PVI = POINT OF VERTICAL INVERT	w 	GRADE BREAK		
PVT. = PRIVATE PWA= PUBLIC WORKS AGENCY		ADA PATH OF TRAVEL		
RCP = REINFORCED CONCRETE PIPE		DEEPENED BACK OF CURB	}	
R/W = RIGHT OF WAY S/W = SIDEWALK (1"	DENOTES KING LUMINAIRE		۸/
SD = STORM DRAIN	¥	LUMINAIRE 150 WATT @ IN		
SDR = STANDARD DIMENSION RATIO		WATT FOR ALL OTHERS		
SS = SANITARY SEWER S.P.P.W.C. = STANDARD PLANS	ODS	DOWN SPOUTS		
FOR PUBLIC WORKS CONSTRUCTION	[<u></u>	ASPHALT PAVEMENT THICK	NESS PER PLAN	(HEAVY TRAFFIC)
ST = STREET LIGHT TC = TOP OF CURB		TYPE II SLURRY SEAL		(
TF = TOP OF FOOTING				
$TG = TOP \ OF \ GRATE$	e.	TREE		
TOP = TOP OF PIPE TW = TOP OF WALL	~	ABBREVIATIONS CONTI	INUED	
TRW = TOP OF RETAINING WALL		A.B. = AGGREGATE BASE		
VC = VERTICAL CURVE VCP = VITRIFIED CLAY PIPE		A.P. = ANGLE POINT	ATE DACE	
V.P.U.E.= PUE TO VERIZON		C.A.B. = CRUSHED AGGREC RW = RECYCLED WATER	DAIL DAJE	
W.S.E.L. = WATER SURFACE ELEVATION		D.I. = DUCTILE IRON		
WM = WATER METER WV = WATER VALVE		O.C. = ON CENTER PA = PLANTER AREA		
L.O.S. = LINE OF SIGHT		VCWPD = VENTURA COUNT	Y WATERSHED P.	ROTECTION DISTRICT

SPEC. NO.

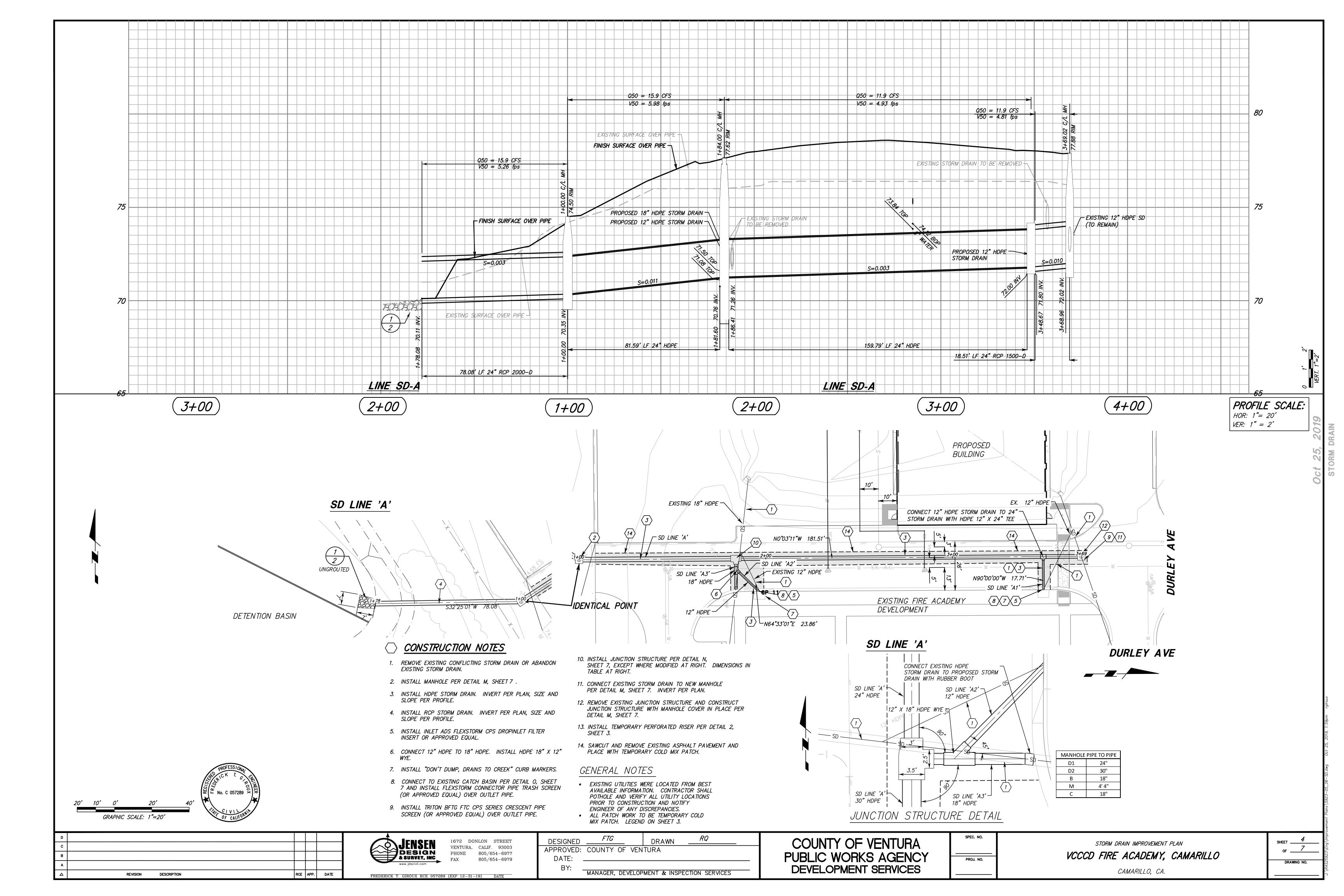
ROUGH GRADING IMPROVEMENT PLAN

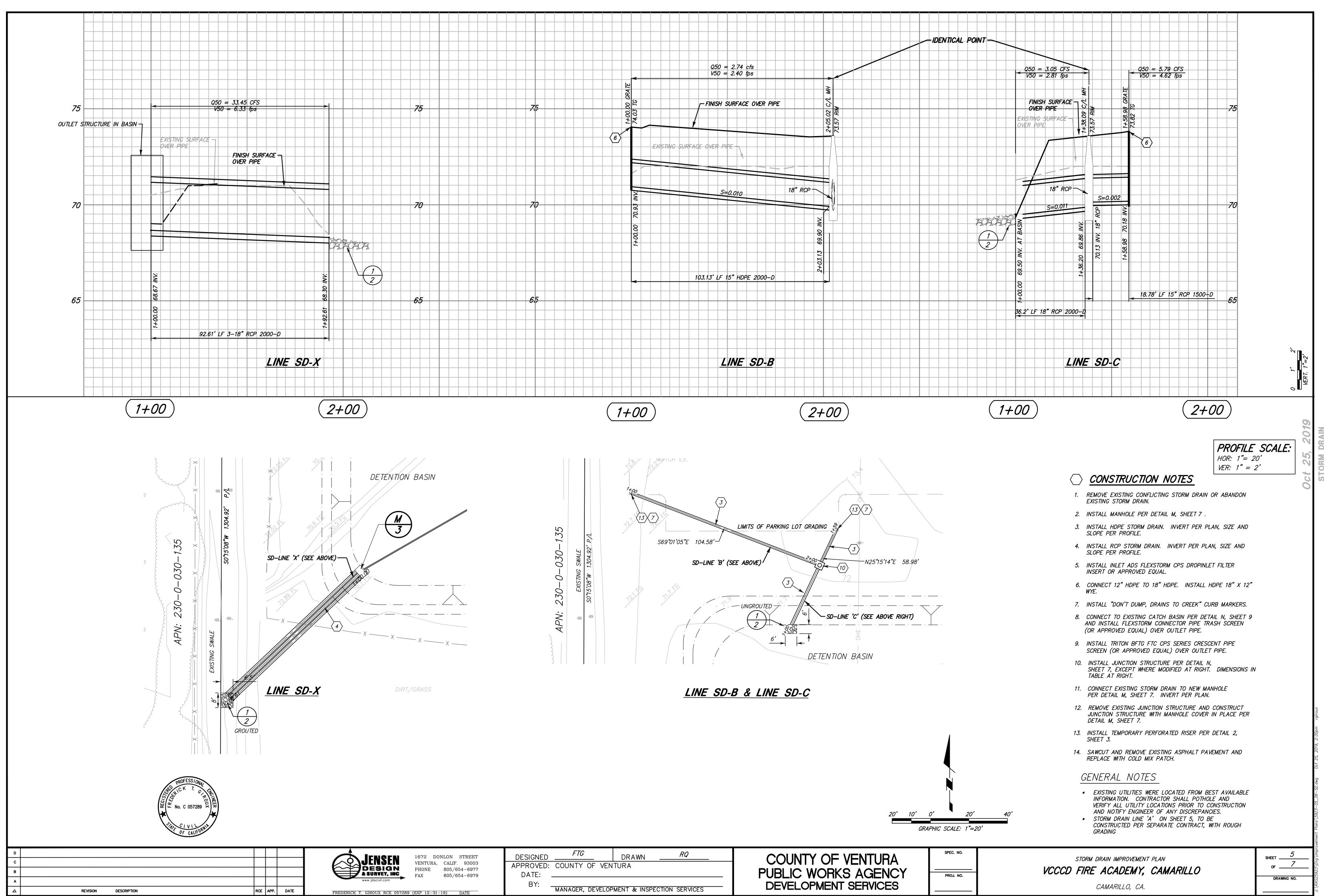
VCCCD FIRE ACADEMY, CAMARILLO

PROJ. NO.

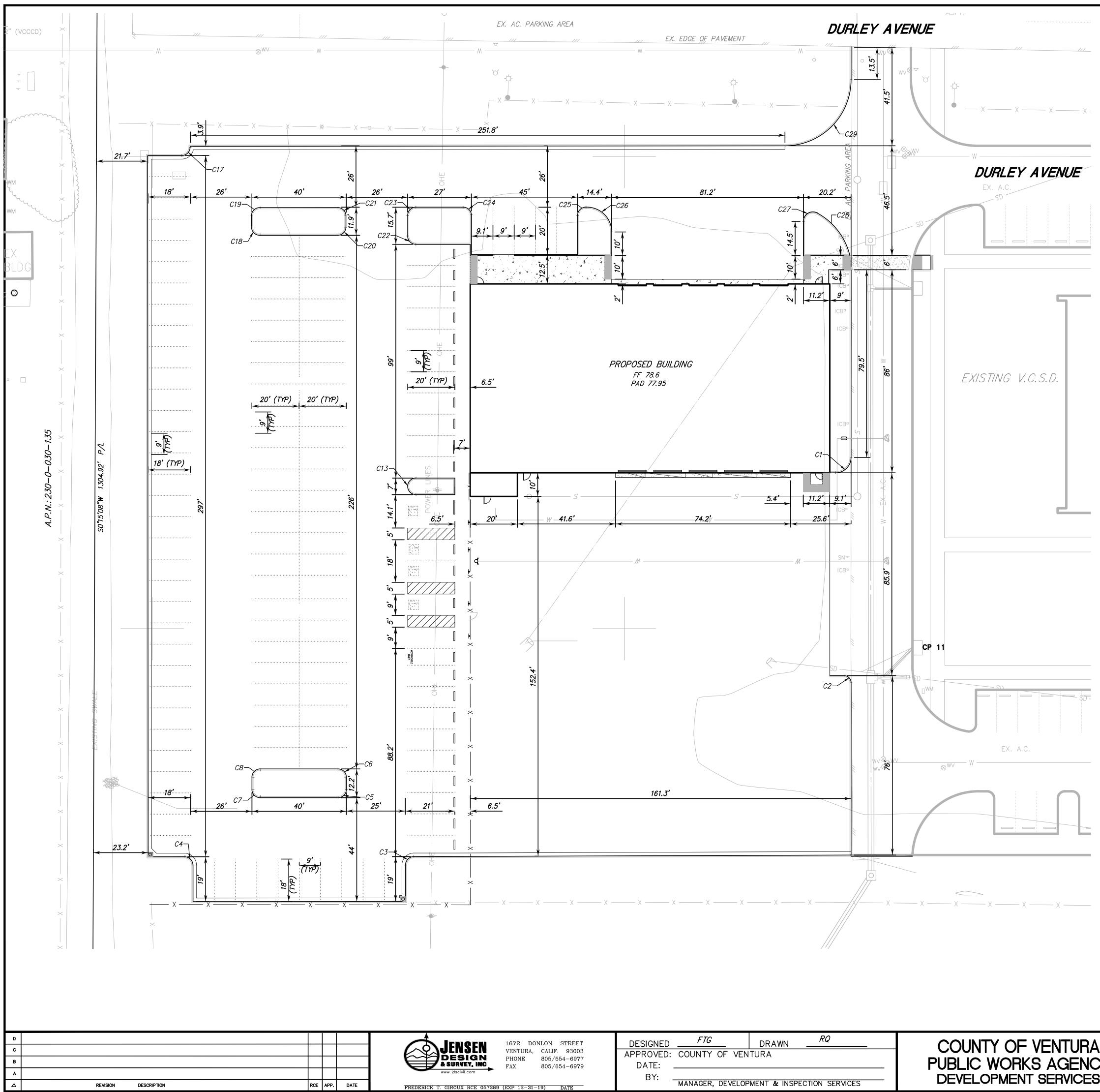
CAMARILLO, CA

SHEET _____7 OF _____ DRAWING NO.





DONLON STREET URA, CALIF. 93003	DESIGNED	FTG DRAWN		COUNTY OF VENTURA
IE 805/654-6977 805/654-6979	DATE: BY:		CTION SERVICES	PUBLIC WORKS AGENCY DEVELOPMENT SERVICES
2-31-19) DATE			SHOW SERVICES	



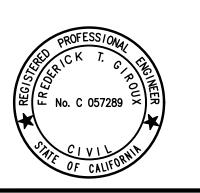
DONLON STREET	DESIGNED	FTG	DRAWN		COUNTY OF VENTURA
JRA, CALIF. 93003 E 805/654–6977 805/654–6979	APPROVED: DATE:	COUNTY OF VEN	NTURA		PUBLIC WORKS AGENCY
2-31-19) DATE	BY: .	MANAGER, DEVELO	PMENT & INSPEC	CTION SERVICES	DEVELOPMENT SERVICES

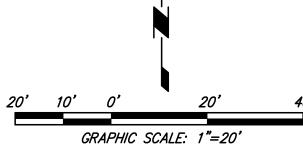
Curve Table (This sheet only)					
Curve #	L	R	Δ	Т	
C1	10.21'	6.50'	90°00'00"	6.50'	
C2	4.71'	3.00'	90°00'00"	3.00'	
С3	5.64'	3.63'	88°57'41"	3.57'	
C4	5.73 '	3.59'	91°27'11"	3.68'	
C5	5.50'	3.50'	90°00'00"	3.50'	
C6	5.49'	3.48'	90 ° 30'15"	3.51'	
C7	5.50'	3.50'	90°00'00"	3.50'	
C8	5.50'	3.52'	89 ° 29'52"	3.49'	
C13	11.00'	3.50'	180°00'00"	INFINITY'	
C17	5.50'	3.50'	90°00'00"	3.50'	
C18	5.51'	3.47'	90 ° 51'45"	3.53'	
C19	<i>5.25</i> '	3.43'	87 ° 48'34"	3.30'	
C20	5.50'	3.50'	90°00'00"	3.50'	
C21	5.50'	3.50'	90°00'00"	3.50'	
C22	5.50'	3.50'	90°00'00"	3.50'	
C23	5.50'	3.50'	90°00'00"	3.50'	
C24	5.04'	3.46'	83 ° 28'20"	3.09'	
C25	5.50'	3.50'	90°00'00"	3.50'	
C26	16.49'	10.50'	90°00'00"	10.50'	
C27	8.29'	4.00'	118°44'37"	6.76'	

Curve Table (This sheet only)						
Curve #	L	R	Δ	Т		
C28	23.31'	28.01'	47°40'16"	12.38'		
C29	43.98'	28.00'	90°00'00"	28.00'		

<u>GENERAL NOTES:</u>

- ** PLACEMENT OF ASPHALT AND CONCRETE AND CONSTRUCTION OF BUILDING TO BE DONE UNDER SEPARATE CONTRACT AT LATER DATE.
- ** THIS SHEET TO BE USED FOR THE PURPOSE OF LOCATING THE BUILDING AND PAVED AREAS. LOCATION TO BE USE BY ROUGH GRADING CONTRACTOR TO PREPARE THE SITE TO THE STANDARDS SET FORTH BY THE GEOTECHINCAL AND CIVIL ENGINEERS RECOMMENDATIONS.



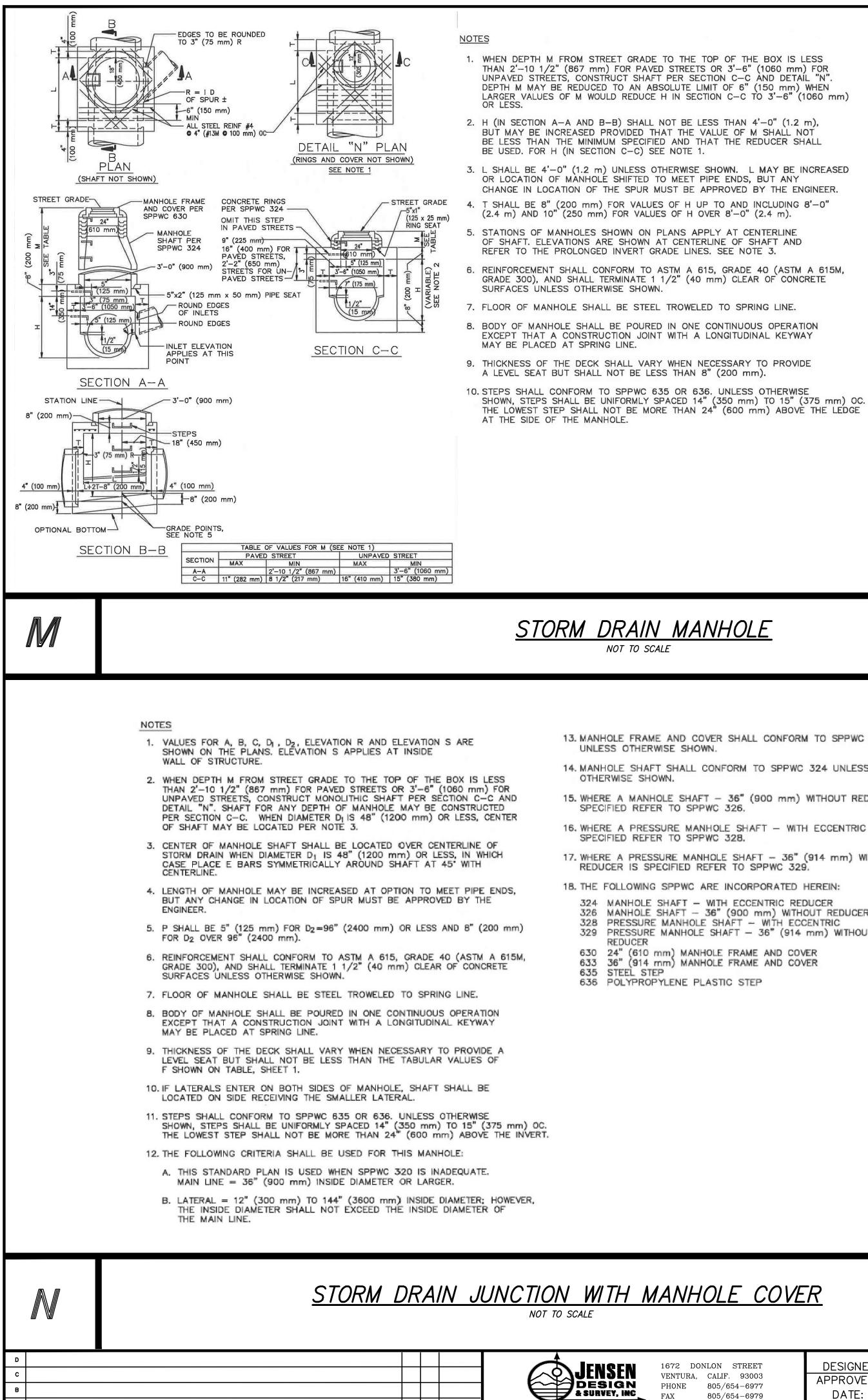


SPEC. NO.

VCCCD FIRE ACADEMY, CAMARILLO CAMARILLO, CA.

HORIZONTAL CONTROL PLAN – ROUGH GRADE

SHEET <u>6</u> OF <u>7</u> DRAWING NO.



FREDERICK T. GIROUX RCE 057289 (EXP 12-31-19) DATE	BY:	DEVELOPMENT SERVICES

DATE:

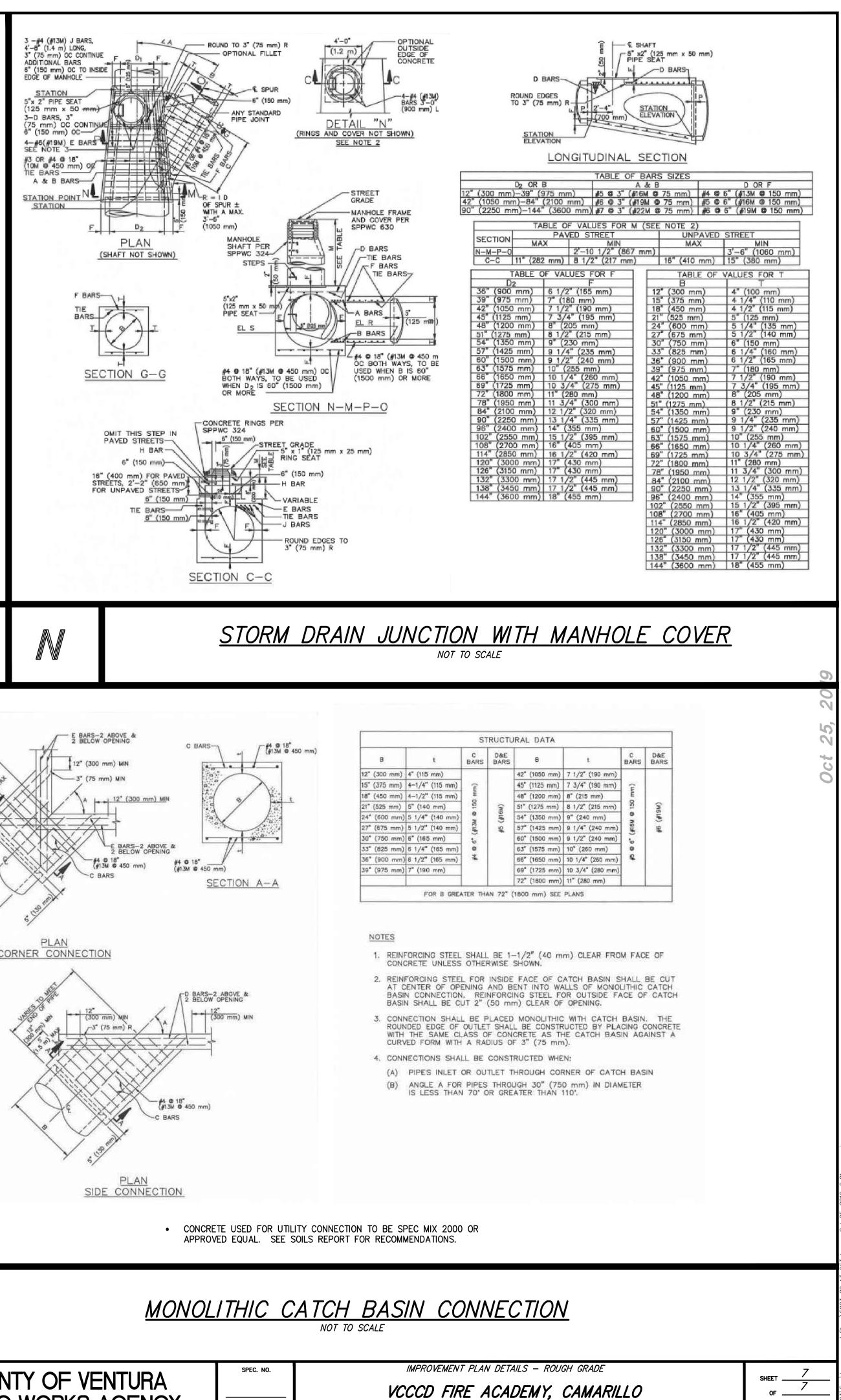
www.idscivil.com

DESCRIPTION

REVISION

RCE APP. DATE

- 11. THE FOLLOWING CRITERIA SHALL BE USED FOR THIS MANHOLE:
- A. MAIN LINE = 33" (825 mm) INSIDE DIAMETER OR LESS. (EXCEPTION -IF THE MAIN LINE RCP DOWNSTREAM OF THE MANHOLE IS 36" (900 mm) TO 42" (1050 mm) INSIDE DIAMETER AND THE MAIN LINE RCP UPSTREAM 33" (825 mm) OR LESS.) SPPWC 320 OR 322 IS NOT APPLICABLE WHERE THE MAIN LINE CONDUIT IS LESS THAN 36" (900 mm) IN DIAMETER.
- B. SEE SECTION A A. THE MAXIMUM SIZE LATERAL THAT MAY BE CONNECTED TO THIS MANHOLE IS SUCH THAT THE DISTANCE FROM THE OUTSIDE (TOP) OF THE LATERAL TO THE BOTTOM OF THE 8" (200 mm) THICK TOP OF THE MANHOLE CHAMBER, MEASURED VERTICALLY FROM THE END OF THE RCP, SHALL BE A MINIMUM OF 6" (150 mm).
- C. IF THE SIZE OF THE LATERAL IS SUCH THAT THE ABOVE-SPECIFIED MINIMUM DISTANCES CANNOT BE MAINTAINED, THEN ONE OF THE FOLLOWING ALTERNATE SOLUTIONS MUST BE USED.
- 1. PROVIDE A SPECIAL STRUCTURE.
- 2. PROVIDE TWO STANDARD STRUCTURES, CONSISTING OF THIS MANHOLE PLACED UPSTREAM OR DOWNSTREAM FROM THE APPLICABLE JUNCTION STRUCTURE OR TRANSITION STRUCTURE.
- 12. MANHOLE FRAME AND COVER SHALL CONFORM TO SPPWC 630 UNLESS OTHERWISE SHOWN.
- 13. MANHOLE SHAFT SHALL CONFORM TO SPPWC 324 UNLESS OTHERWISE SHOWN.
- 14. WHERE A MANHOLE SHAFT 36" (900 mm) WITHOUT REDUCER IS SPECIFIED REFER TO SPPWC 336.
- 15. WHERE A PRESSURE MANHOLE SHAFT WITH ECCENTRIC REDUCER IS SPECIFIED REFER TO SPPWC 328.
- 16. WHERE A PRESSURE MANHOLE SHAFT 36" (900 mm) WITHOUT REDUCER IS SPECIFIED REFER TO SPPWC 329.
- 17. 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 329 PRESSURE MANHOLE SHAFT - 36" (900 mm) WITHOUT REDUCER
- 630 24" (610 mm) MANHOLE FRAME AND COVER 633 36" (900 mm) MANHOLE FRAME AND COVER
- 635 STEEL STEP 636 POLYPROPYLENE PLASTIC STEP
- CONCRETE USED FOR UTILITY CONNECTIONS BE SPEC MIX 2000 OR APPROVED EQUAL. SEE SOILS REPORT FOR RECOMMENDATIONS.



PUBLIC WORKS AGENCY

PROJ. NO.

COVER SHALL CONFORM TO SPPWC 630		E BARS-2 ABOVE & 2 BELOW OPENING C
IOWN. L CONFORM TO SPPWC 324 UNLESS		12" (300 mm) MIN
AFT - 36" (900 mm) WITHOUT REDUCER IS PPWC 326.		330 3.5 m
ANHOLE SHAFT - WITH ECCENTRIC REDUCER IS PPWC 328.		E BARS-2 ABOVE & 2 BELOW OPENING
ANHOLE SHAFT – 36" (914 mm) WITHOUT REFER TO SPPWC 329.		(#13M @ 450 mm) (#13M C BARS
ARE INCORPORATED HEREIN:		e comment
- WITH ECCENTRIC REDUCER - 36" (900 mm) WITHOUT REDUCER DLE SHAFT - WITH ECCENTRIC DLE SHAFT - 36" (914 mm) WITHOUT		PLAN
NHOLE FRAME AND COVER		CORNER CONNECTION
PLASTIC STEP		UNESS OF ANY COMMENTAL OF A STORE
		• CC AF
HOLE COVER	\mathcal{O}	MON
DONLON STREET A, CALIF. 93003 DOF (054, 0057) APPROVED: COUNTY OF VENTURA	RQ	COUNTY OF VENTURA

CAMARILLO.	CA.	

SHEET _____7 DRAWING NO.