



GENERAL NOTES	
1.	PROJECT REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA.
2.	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND BECOMING FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, AND SPECIFICATIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE ON CONTRACTOR'S BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
3.	QUANTITIES OF ITEMS, LENGTH OF PROJECT, AND SITE CONDITIONS SHOWN IN THE PLANS ARE APPROXIMATE. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
4.	CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, GHD, AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.
5.	CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING STRUCTURES, ROADS, AND UTILITIES DURING CONSTRUCTION. ALL DAMAGE SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
6.	A SET OF SIGNED WORKING DRAWINGS AND A SET OF SPECIFICATIONS WILL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY AND SUBMITTED TO THE OWNER WHEN THE WORK TO BE DONE IS COMPLETED.
7.	CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE PUBLIC.
8.	CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK AND SHALL COORDINATE CONSTRUCTION SCHEDULE ACCORDINGLY.
9.	UNSUITABLE EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND EXPENSE FOR PROPER DISPOSAL OF UNSUITABLE MATERIALS TAKEN FROM SITE.
10.	THE DESIGN FEATURES INCLUDING HORIZONTAL AND VERTICAL ALIGNMENTS, TYPICAL SECTIONS, APPROACHES, AND OTHER DESIGN DETAILS SHOWN ON THESE DESIGN PLANS SHALL NOT BE ALTERED OR MODIFIED IN ANY WAY DURING CONSTRUCTION WITHOUT THE EXPRESSED, WRITTEN DIRECTION AND APPROVAL OF THE ENGINEER OR OWNER'S REPRESENTATIVE. DRAINAGE STRUCTURES SHALL BE INSTALLED AS SHOWN ON THE PLANS WITH ONLY MINOR CORRECTIONS IN LOCATION SKEW AND/OR ELEVATIONS AS NEEDED TO FIT FIELD CONDITIONS AS DETERMINED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
11.	THE CONTRACTOR SHALL READ AND MAKE CAREFUL EXAMINATION OF THE PLANS, SPECIFICATIONS, QUANTITIES AND MATERIAL ESTIMATES AND VISIT THE SITE OF THE PROPOSED CONSTRUCTION TO BECOME FAMILIAR WITH THE SITE CONDITIONS AND LIMITATIONS BEFORE MAKING A BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ERRORS RESULTING FROM THE FAILURE TO MAKE SUCH AN EXAMINATION. ANY INFORMATION DERIVED FROM THE MAPS, PLANS, SPECIFICATIONS, PROFILES, DRAWINGS OR FROM THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR FROM ANY RISK OR FROM FULFILLING THE TERMS OF THE CONTRACT.
12.	NO WORK SHALL BE PERFORMED OUTSIDE OF THE DESIGNATED CONSTRUCTION LIMITS WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
13.	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY PUBLIC STAGING AREAS WITH THE CITY.
14.	UPON COMPLETION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL. ALL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION.
15.	THE CONTRACTOR SHALL BE REQUIRED TO SAWCUT OR GRIND THE EXISTING ASPHALT PAVEMENT WHERE OLD ASPHALT IS TO TIE INTO THE NEW ASPHALT PAVEMENT. THE CONTRACTOR SHALL BE REQUIRED TO TAPER THE NEW ASPHALT CONCRETE SURFACING TO MATCH THE EXISTING PAVEMENT SECTION AT TIE-IN POINTS AND TO PROVIDE FOR A SMOOTH TRANSITION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
16.	UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL PROTECT EXISTING SURVEY MONUMENTS WITHIN AND ADJACENT TO CONSTRUCTION LIMITS. ANY MONUMENT DAMAGED BY THE CONTRACTOR SHALL BE RESET IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYORS ACT.

**GRADING NOTES**

1.	CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION. ADEQUATE SHORING, BRACING, TIES, AND SUPPORTS SHALL BE USED TO PROVIDE PROPER TEMPORARY INTEGRITY DURING ALL PHASES OF CONSTRUCTION.
2.	ALL EXISTING LANDSCAPED AND UNPAVED AREAS WHICH ARE DISTURBED BY CONSTRUCTION OR EARTHWORK OPERATIONS SHALL BE RETURNED TO ORIGINAL EXISTING CONDITIONS.
3.	ALL DITCHES, SWALES, GUTTERS, ETC. SHOULD BE CONSIDERED ACTIVE STORM CONVEYANCES UNLESS OTHERWISE INDICATED. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING STORM WATER DRAINAGE AND DEWATERING OF WORK AREAS DURING CONSTRUCTION.
4.	DURING WET WEATHER PERIODS, CONTRACTOR IS RESPONSIBLE FOR SEQUENCING CONSTRUCTION IN A MANNER TO MINIMIZE IMPACT ON OPEN EARTHWORK AND COMPACTION OPERATIONS.

UTILITY NOTES	
1.	LOCATIONS OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION. NOTIFY THE ENGINEER IMMEDIATELY IF LOCATE INDICATES THAT EXISTING UTILITIES ARE DIFFERENT THAN SHOWN ON DRAWINGS.
2.	LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM RECORD INTERPOLATION OF PHYSICAL EVIDENCE ON THE SITE AND ARE SUBJECT TO FIELD VERIFICATION BY THE CONTRACTOR.
3.	ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION UNDER THIS SECTION OR ANY OTHER SECTION.
4.	CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES, FEATURES, AND STRUCTURES LOCATED ON THE SITE. LOCATE, PROTECT, AND AVOID DISRUPTION OF ALL ABOVE AND BELOW GRADE UTILITIES DURING CONSTRUCTION.
5.	CONSTRUCTION ACTIVITY WILL TAKE PLACE IN THE VICINITY OF UNDERGROUND ELECTRIC TRANSMISSION LINES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF, AND OBSERVE, THE MINIMUM CLEARANCES FOR WORKERS AND EQUIPMENT OPERATING NEAR HIGH VOLTAGE ELECTRIC LINES AS SET OUT IN THE HIGH VOLTAGE SAFETY ORDERS OF THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AS WELL AS OTHER APPLICABLE SAFETY REGULATIONS.

TRAFFIC CONTROL	
1.	TEMPORARY LANE CLOSURE TRAFFIC CONTROL TO BE CONSISTENT W/ LANE CLOSURE FOR LOW VOLUME, TWO-LANE ROADS PER CALTRANS MANUAL OF TRAFFIC CONTROLS - CURRENT EDITION.
2.	CONTRACTOR TO COORDINATE TRAFFIC CONTROL WITH THE OWNER AND PROVIDE 48 HOURS NOTIFICATION PRIOR TO LANE CLOSURE.
3.	CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING CONSTRUCTION AND SHALL COMPLY WITH SECTION 7-1.08 AND 7-1.09 OF THE CALTRANS STANDARD SPECIFICATIONS.
4.	MAINTAIN ACCESS TO ADJACENT RESIDENCES AS MUCH AS PRACTICAL.
5.	CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE STAFF AND PUBLIC TO THE SATISFACTION OF THE ENGINEER.
6.	PROVIDE EMERGENCY VEHICLE INGRESS/EGRESS ACCESS AS NEEDED AT ALL TIMES.

CIVIL SYMBOLS	
<b>GENERAL:</b>	
	DETAIL OR SECTION DESIGNATION
	SHEET WHERE DETAIL OR SECTION OCCURS
<b>TOPOGRAPHIC:</b>	
	TEMPORARY BENCH MARK
	FOUND MONUMENT
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	(E) EDGE OF PAVEMENT
	(N) EDGE OF PAVEMENT
	(E) CONC SLAB OR SIDEWALK
	(E) DRIVEWAY
	(E) FENCE
	(E) PROPERTY LINE / RIGHT OF WAY
	(E) EDGE OF GRAVEL ROAD
	APPROXIMATE LIMITS OF CONSTRUCTION
	DRAINAGE FLOW DIRECTION
	(E) TREE
<b>UTILITIES:</b>	
	(E) SIGN
	(E) OVERHEAD ELECTRICAL
	(E) UNDERGROUND ELECTRICAL
	(E) UNDERGROUND TELEPHONE
	(E) UNDERGROUND TELECOM (CATV)
	(E) UNDERGROUND FIBER OPTIC
	(E) DOMESTIC WATER
	(E) STORM DRAIN / CULVERT
	(N) STORM DRAIN / CULVERT
	(N) STORM DRAIN INLET
	(N) STORM DRAIN CLEANOUT
	(N) STORM DRAIN MANHOLE
	(E) GROUNDWATER MONITORING WELL
	(E) FIRE HYDRANT
	(E) WATER VALVE
	(E) WATER METER BOX
	RELOCATED WATER METER BOX

ABBREVIATIONS					
AB	AGGREGATE BASE	FG	FINISH GRADE	PP	POWER POLE
AC	ASPHALT CONCRETE	FIN	FINISH	PT	POINT OF TANGENT
AGG	AGGREGATE	FL, E	FLOW LINE	PT	PRESSURE TREATED
@	AT	FS	FINISHED SURFACE	R, RAD	RADIUS
BC	BEGIN CURVE	FT	FOOT OR FEET	RC	RELATIVE COMPACTION
BCR	BEGIN CURVE RADIUS	FTG	FOOTING	RCP	REINFORCED CONCRETE PIPE
BFP	BACKFLOW PREVENTER	G	GUTTER OR GAS	RD	ROAD
BM	BENCH MARK	GALV	GALVANIZED	REQ'D	REQUIRED
BO	BLOW OFF	GR	GRADE	REQ'T	REQUIREMENT
BOT	BOTTOM	GB	GRADE BREAK	ROW	RIGHT OF WAY
BVC	BEGIN VERTICAL CURVE	GRD	GROUND	RSP	ROCK SLOPE PROTECTION
CB	CATCH BASIN	HDPE	HIGH-DENSITY POLYETHYLENE	RT	RIGHT
CBC	CALIFORNIA BUILDING CODE	HORZ	HORIZONTAL	RWL	RAIN WATER LEADER
CL	CENTERLINE	HWY	HIGHWAY	R/W	RIGHT-OF-WAY
CLR	CLEAR, CLEARANCE	IP	IRON PIPE	S	SLOPE OR SOUTH
CMP	CORRUGATED METAL PIPE	INV	INVERT	SCH, SCHED	SCHEDULE
CO	CLEANOUT	JCT	JUNCTION	SD	STORM DRAIN
CONC	CONCRETE	L	LENGTH	SDCB	STORM DRAIN CATCH BASIN
CONT	CONTINUOUS	LP	LOW POINT	SE	SOUTH-EAST
CONT'D	CONTINUED	LT	LEFT	SHT	SHEET
COORD	COORDINATE	MAX	MAXIMUM	SIM	SIMILAR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	MH	MANHOLE	SS	SANITARY SEWER
COR	CORNER	MIN	MINIMUM	S STL	STAINLESS STEEL
CPP	CORRUGATED PLASTIC PIPE	MISC	MISCELLANEOUS	STA	STATION
CU	CUBIC	MON	MONUMENT	STD	STANDARD
D	DEPTH	STL	STEEL	SW	SOUTH-WEST
DIA, Ø	DIAMETER	TBM	TEMPORARY BENCH MARK	TC	TOP OF CURB
DTL	DETAIL	THK	THICK	THK	THICK
DI	DRAINAGE INLET	TO	TOP	TG	TOP GRADE
DWG	DRAWING	TS	TOP OF SLAB	TW	TOP OF WALL
E	EAST	TYP	TYPICAL	UNO	UNLESS NOTED OTHERWISE
EA	EACH	OC	ON CENTERS	VERT	VERTICAL
EC	END CURVE	OPNG	OPENING	W/	WITH
EF	EACH FACE	PC	POINT OF CURVATURE	W	WIDE, WIDTH OR WEST
EL, ELEV	ELEVATION	PCC	PORTLAND CEMENT CONCRETE	WTR	WATER
ENGR	ENGINEER	PE	POLYETHYLENE	XING	CROSSING
EP	EDGE PAVING	PI	POINT OF INTERSECTION	YD	YARD
EQ	EQUAL	PL	PLATE		
ER	EDGE ROAD	P/L, P	PROPERTY LINE		
ET	EMERGENCY TELEPHONE	PLCS	PLACES		
EVC	END VERTICAL CURVE	PLWD	PLYWOOD		
EW	EACH WAY	POC	POINT OF CONNECTION		
EX, (E)	EXISTING				

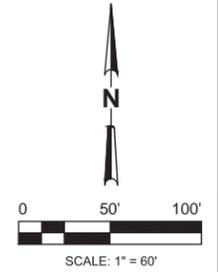
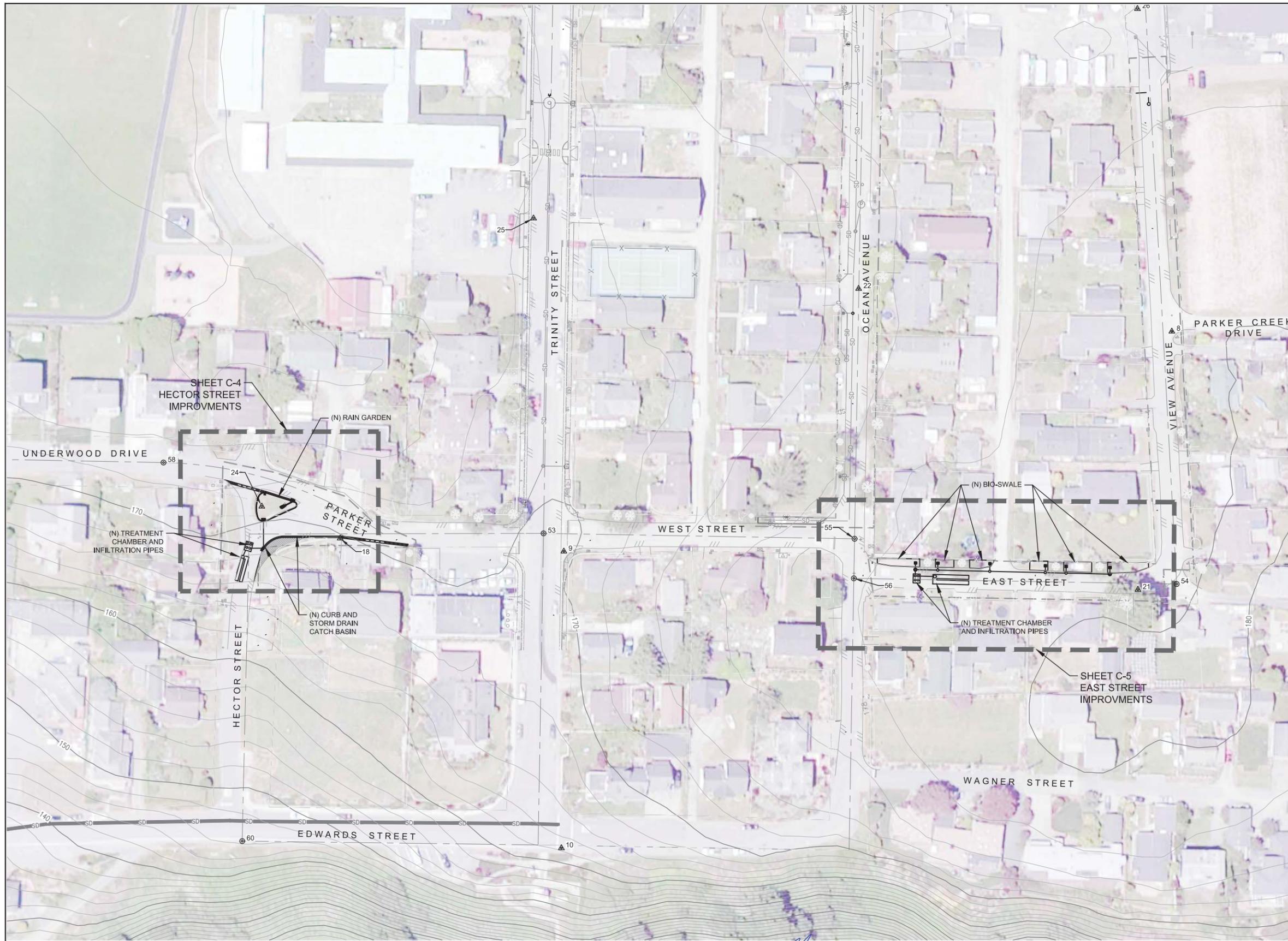
NOTE: CONTACT ENGINEER FOR ABBREVIATIONS NOT LISTED.

NOTE: CONTACT ENGINEER FOR SYMBOLS NOT SHOWN.

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THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING. 0 1"					Drafting Check SA/DS	Design Check SA/PS	Project <b>TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT</b>
No Revision Note: * indicates signatures on original issue of drawing or last revision of drawing		Date 8/16/17		Approved (Project Director) SA	Title <b>GENERAL NOTES, SYMBOLS &amp; ABBREVIATIONS</b>		
Date 15 February 2018 - 2:03 PM		Plotted by: Stephanie Gould		Contract No. 11136537		Original Size	
Cadd File No: \ghdnet\ghd\US\Eureka\Projects\1111136537 trinidad-opc citywide lid asstef\06-CAD\Sheets\11136537_02_G2.0.dwg		Scale AS SHOWN		This Drawing shall not be used for Construction unless Signed and Sealed For Construction		Sheet 2 of 10	
				Ansi D Drawing No: <b>G-2</b>		Rev:	

POINT TABLE - SURVEY CONTROL				
POINT #	DESCRIPTION	ELEVATION	Northing	Easting
3	TBM - MAIN ST	173.81	2277069.00	5971141.36
7	TBM - MAIN ST/PATRICK'S PT	176.53	2277143.72	5971336.78
8	TBM - VIEW/PARKER	179.72	2276604.19	5971369.51
9	TBM - SE COR WEST/TRINITY	169.13	2276384.34	5970760.41
10	TBM - EDWARDS/TRINITY	165.55	2276087.79	5970757.98
17	TBM - SE TRINITY/MAIN	169.57	2276984.51	5970774.86
18	TBM - PARKER WYE	170.44	2276397.37	5970536.34
21	TBM - EAST ST	179.89	2276346.05	5971335.57
22	TBM - OCEAN (MIDDLE)	175.42	2276646.94	5971055.72
23	TBM - OCEAN	177.79	2276936.85	5971053.56
24	TBM - HECTOR/PARKER	171.74	2276429.26	5970457.79
25	TBM - TRINITY	171.38	2276717.32	5970730.04
26	TBM - VIEW NEAR SAUDERS	177.76	2276926.76	5971335.07
53	MON - TRINITY/WEST/PARKER	168.85	2276402.32	5970740.10
54	MON - EAST/VIEW	178.70	2276351.64	5971374.38
55	MON - OCEAN/WEST	176.77	2276396.89	5971051.66
56	MON - OCEAN/EAST	176.99	2276357.37	5971050.92
57	MON - MAIN/PATRICK'S PT	175.39	2277118.36	5971332.82
58	MON - UNDERWOOD/HECTOR	172.66	2276473.09	5970359.33
59	MON - UNDERWOOD	170.87	2276476.69	5970175.27
60	MON - EDWARDS/HECTOR	146.63	2276094.69	5970438.20
1201	MON - TRINITY/MAIN	168.05	2277002.73	5970750.66

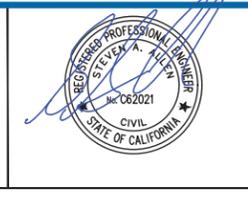


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 0 1"



GHD Inc.  
 718 Third Street Eureka California 95501 USA  
 T 1 707 443 8326 F 1 707 444 8330  
 W www.ghd.com

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Approved (Project Director)	SA	Date	8/16/17
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

Client **CITY OF TRINIDAD**  
 Project **TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT**  
 Title **SITE PLAN & SURVEY CONTROL**

Contract No. 11136537

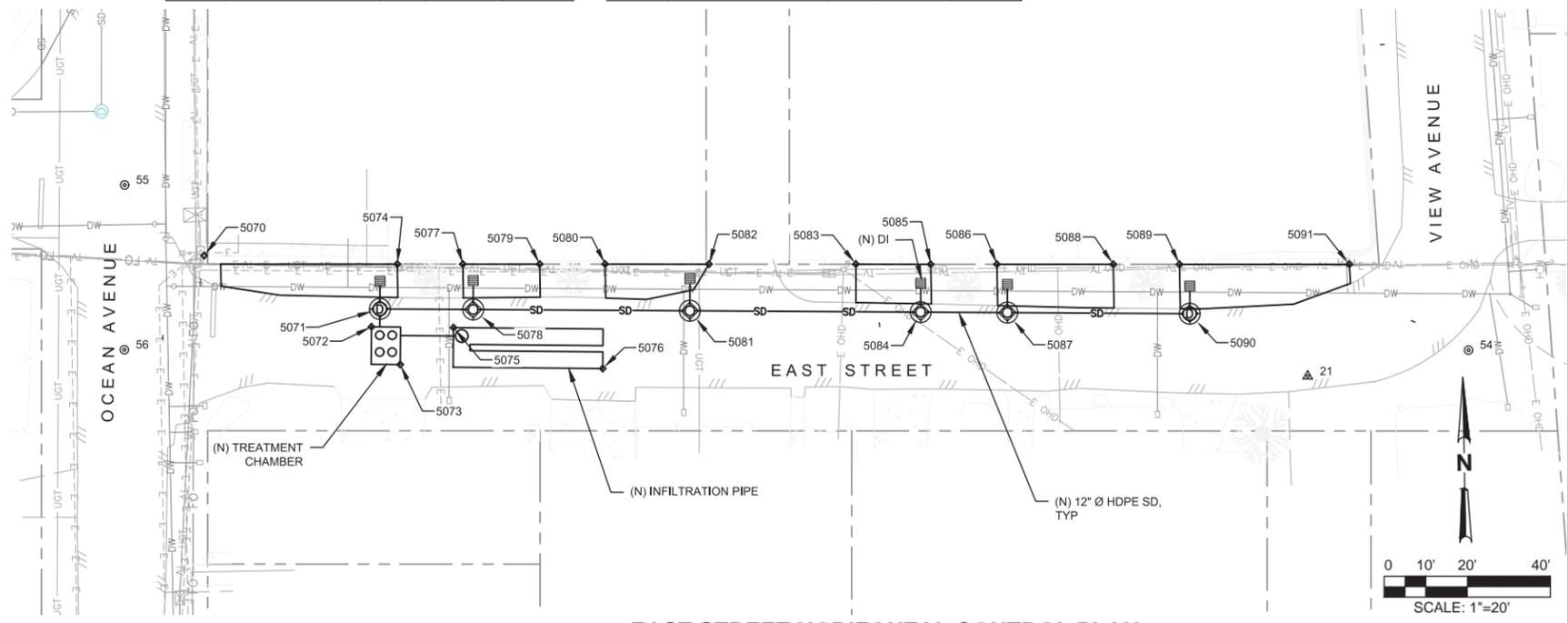
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Sheet 3 of 10  
 Rev:

POINT TABLE - EAST STREET				
POINT #	DESCRIPTION	ELEV	NORTHING	EASTING
21	TBM - EAST ST	179.9	2276346.1	5971335.6
54	MON - EAST/VIEW	178.7	2276351.6	5971374.4
55	MON - OCEAN/WEST	176.8	2276396.9	5971051.7
56	MON - OCEAN/EAST	177.0	2276357.4	5971050.9
5070	BEGIN SWALE	178.3	2276379.6	5971070.5
5071	MANHOLE CENTER TOP	178.4	2276366.1	5971112.6
5072	CORNER CHAMBER TOP	168.6	2276361.8	5971110.5
5073	CORNER CHAMBER TOP	168.6	2276352.7	5971117.2
5074	END SWALE	178.5	2276376.8	5971117.0

POINT TABLE - EAST STREET				
POINT #	DESCRIPTION	ELEV	NORTHING	EASTING
5075	CORNER INFILT PIPE TOP	167.0	2276361.3	5971130.2
5076	CORNER INFILT PIPE TOP	167.0	2276350.9	5971166.0
5077	BEGIN SWALE	178.6	2276376.5	5971132.7
5078	CLEANOUT CENTER TOP	178.5	2276365.6	5971135.0
5079	END SWALE	178.8	2276376.2	5971151.2
5080	BEGIN SWALE	178.8	2276375.9	5971167.0
5081	CLEANOUT CENTER TOP	178.7	2276364.4	5971187.2
5082	END SWALE	178.8	2276375.5	5971192.0
5083	BEGIN SWALE	178.8	2276374.8	5971227.3

POINT TABLE - EAST STREET				
POINT #	DESCRIPTION	ELEV	NORTHING	EASTING
5084	CLEANOUT CENTER TOP	178.9	2276363.1	5971242.7
5085	END SWALE	178.7	2276374.5	5971245.3
5086	BEGIN SWALE	178.9	2276374.2	5971261.3
5087	CLEANOUT CENTER TOP	179.1	2276362.6	5971263.5
5088	END SWALE	179.1	2276373.7	5971289.3
5089	BEGIN SWALE	179.2	2276373.4	5971305.2
5090	MANHOLE CENTER TOP	179.3	2276361.6	5971307.4
5091	END SWALE	179.2	2276372.7	5971346.1

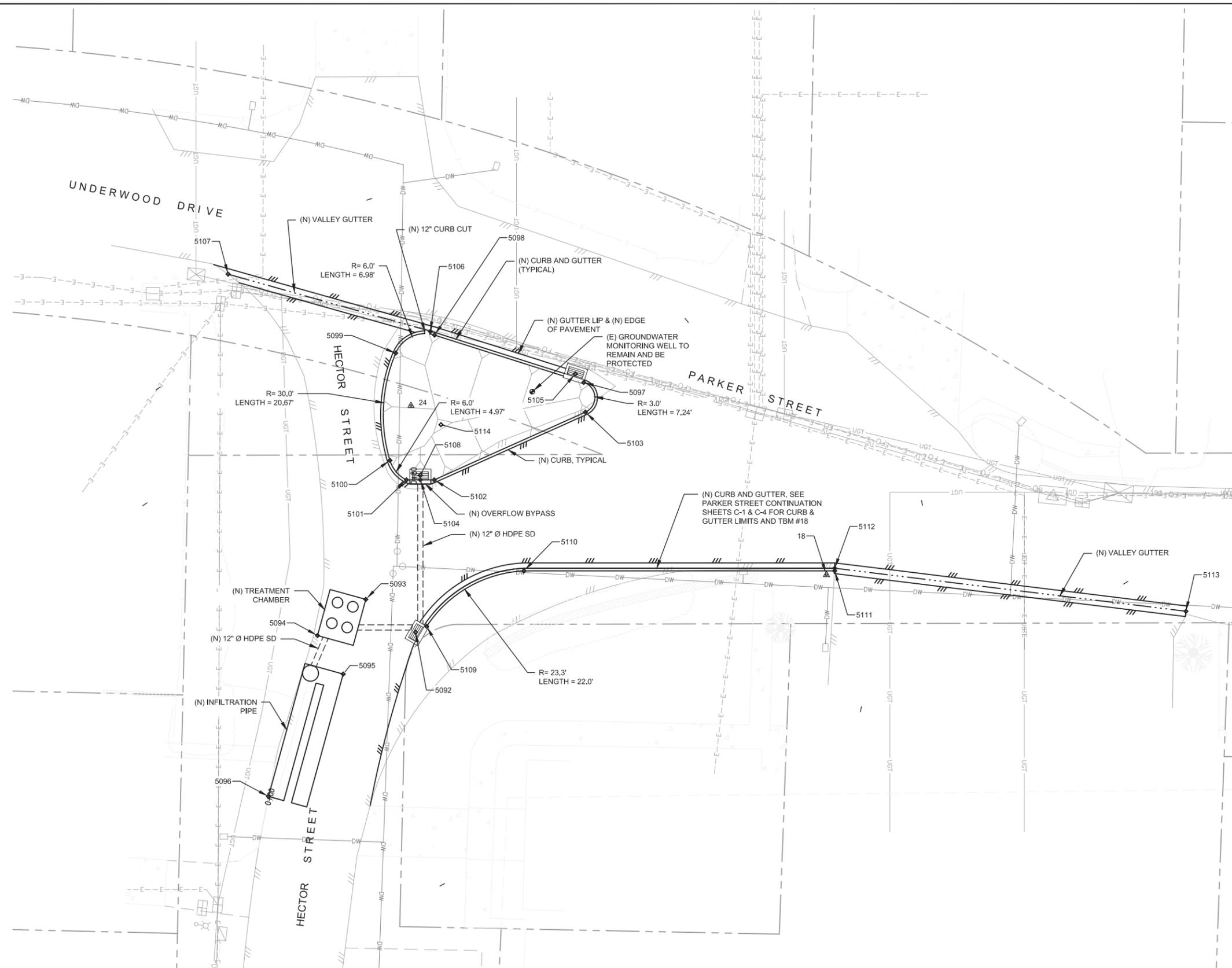


**EAST STREET HORIZONTAL CONTROL PLAN**

**BID SET**

**NOTE**  
 LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR TO POT-HOLE FOR EXACT LOCATION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

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THIS BAR IS ONE INCH LONG ON ORIGINAL DRAWING. 							Drafting Check SA/DS	Design Check SA/PS		Approved (Project Director) SA Date 8/16/17	
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date	Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction		Original Size <b>Ansi D Drawing No: C-2</b>	Sheet 4 of 10 Rev:

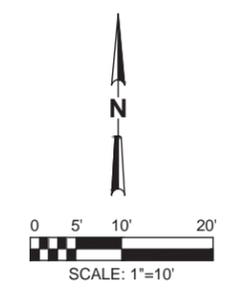


POINT TABLE - HECTOR & PARKER STREETS				
POINT #	DESCRIPTION	ELEV	NORTHING	EASTING
18	TBM - PARKER WYE	170.4	2276397.4	5970536.3
24	TBM - HECTOR/PARKER	171.7	2276429.3	5970457.8
5092	SDCB GRATE TOP AT FL*	168.4	2276386.6	5970458.7
5093	CORNER CHAMBER TOP	165.4	2276392.7	5970449.3
5094	CORNER CHAMBER TOP	165.4	2276385.9	5970440.1
5095	CORNER INFILT PIPE TOP	163.1	2276378.7	5970445.0
5096	CORNER INFILT PIPE TOP	163.1	2276355.6	5970430.9
5097	BACK CURB TOP	172.1	2276433.7	5970490.5
5098	BACK CURB TOP	172.8	2276442.6	5970462.2
5099	BACK CURB TOP	172.5	2276439.2	5970454.9
5100	BACK CURB TOP	171.0	2276419.0	5970453.8
5101	BACK CURB TOP	170.8	2276415.3	5970456.9
5102	BACK CURB TOP	170.8	2276415.3	5970462.2
5103	BACK CURB TOP	171.7	2276428.1	5970490.8
5104	DI OVERFLOW BYPASS	170.7	2276415.3	5970459.6
5105	SDCB GRATE TOP AT FL*	171.8	2276435.3	5970488.9
5106	END VALLEY GUTTER FL BEGIN CURB	172.1	2276443.3	5970461.5
5107	BEGIN VALLEY GUTTER FL**	172.7	2276454.1	5970423.2
5108	SDCB GRATE TOP AT FL*	170.0	2276416.1	5970459.6
5109	BACK OF CURB TOP	169.0	2276387.6	5970460.7
5110	BACK OF CURB TOP	169.8	2276398.1	5970479.1
5111	BACK OF CURB TOP	170.8	2276398.1	5970537.9
5112	VALLEY GUTTER FL	170.1	2276398.6	5970537.9
5113	VALLEY GUTTER FL**	170.8	2276390.5	5970604.3
5114	RAIN GARDEN BOTTOM	168.4	2276425.7	5970463.5

ELEVATIONS LISTED FOR SDCB TOPS ARE APPROXIMATE. SDCBS SHALL BE INSTALLED SUCH THAT FLOW LINES OF (N) SDCBS ARE LOWER THAN ADJACENT GUTTERS.  
 \*\* ELEVATIONS LISTED FOR VALLEY GUTTER FLOW LINES ARE APPROXIMATE. VALLEY GUTTERS SHALL BE CONSTRUCTED SUCH THAT WATER DRAINS INTO VALLEY GUTTER AND SDCB.

**NOTE**

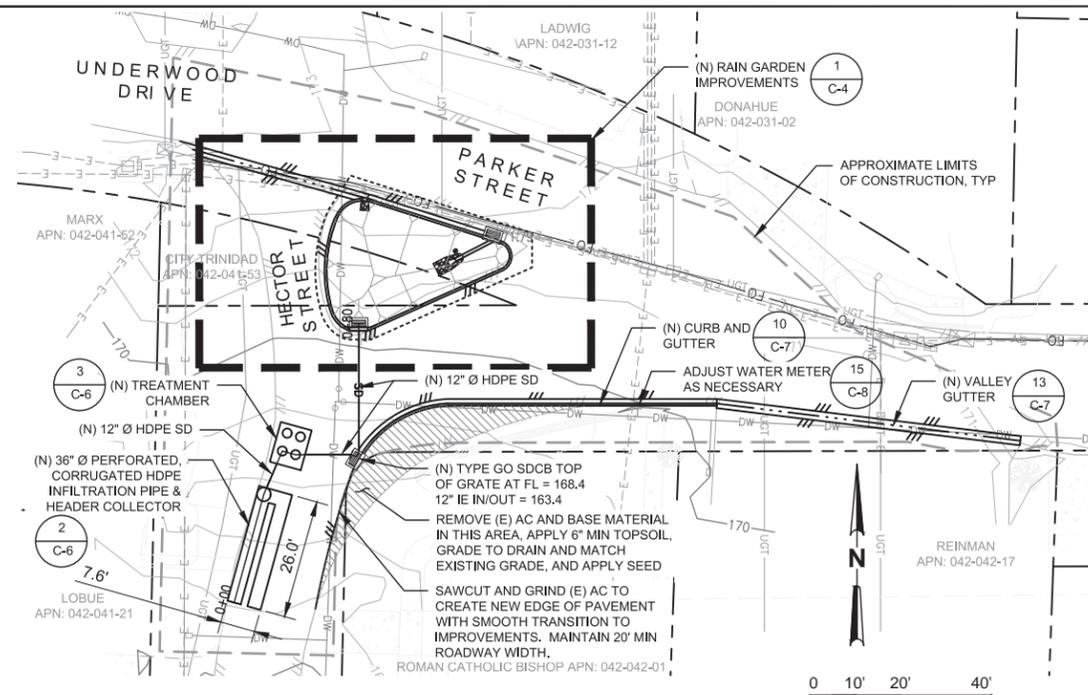
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**HECTOR STREET HORIZONTAL CONTROL PLAN**

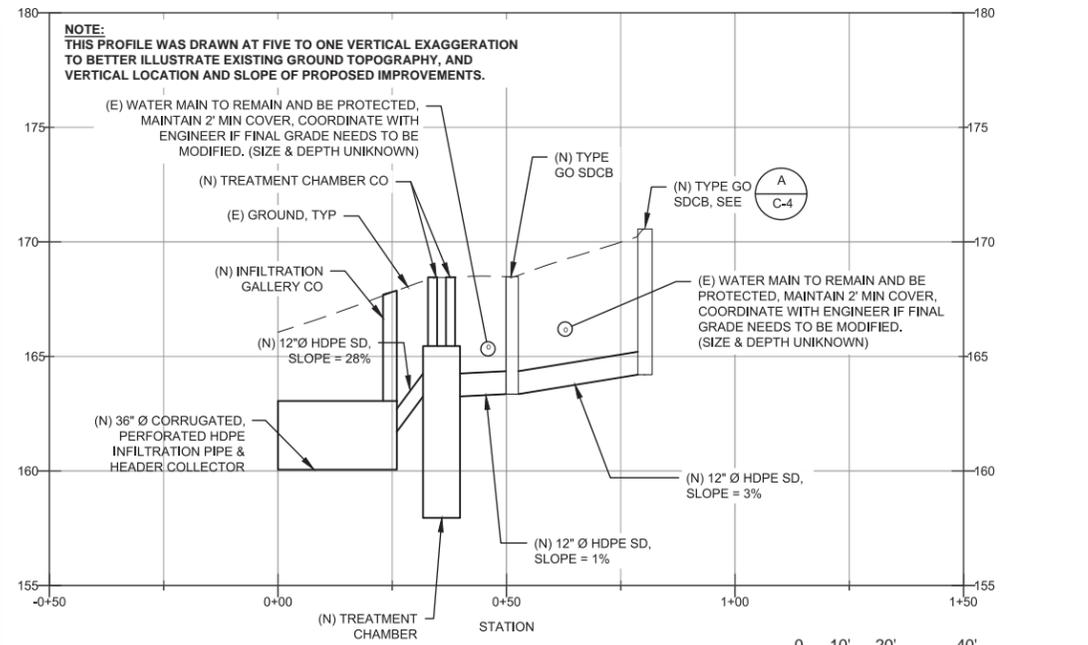
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Drafting SA/DS	Design Check SA/PS	Project <b>TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT</b>							
Approved (Project Director) SA	Date 8/16/2017	Contract No. 11136537	Title <b>HECTOR STREET HORIZONTAL CONTROL PLAN</b>						
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	Original Size <b>Ansi D Drawing No: C-3</b>	Sheet 5 of 10 Rev:						

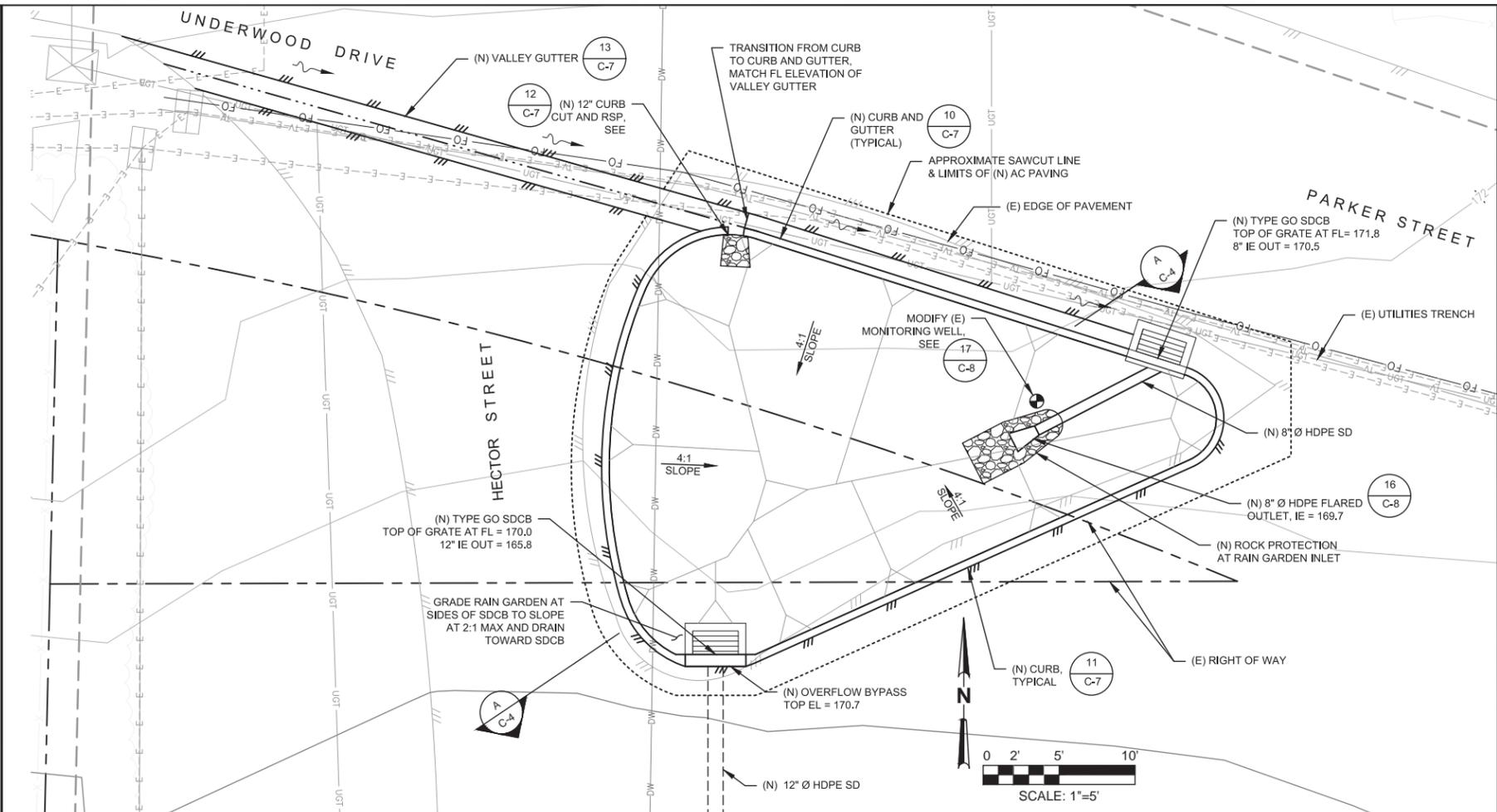


**HECTOR STREET IMPROVEMENTS - PLAN VIEW**

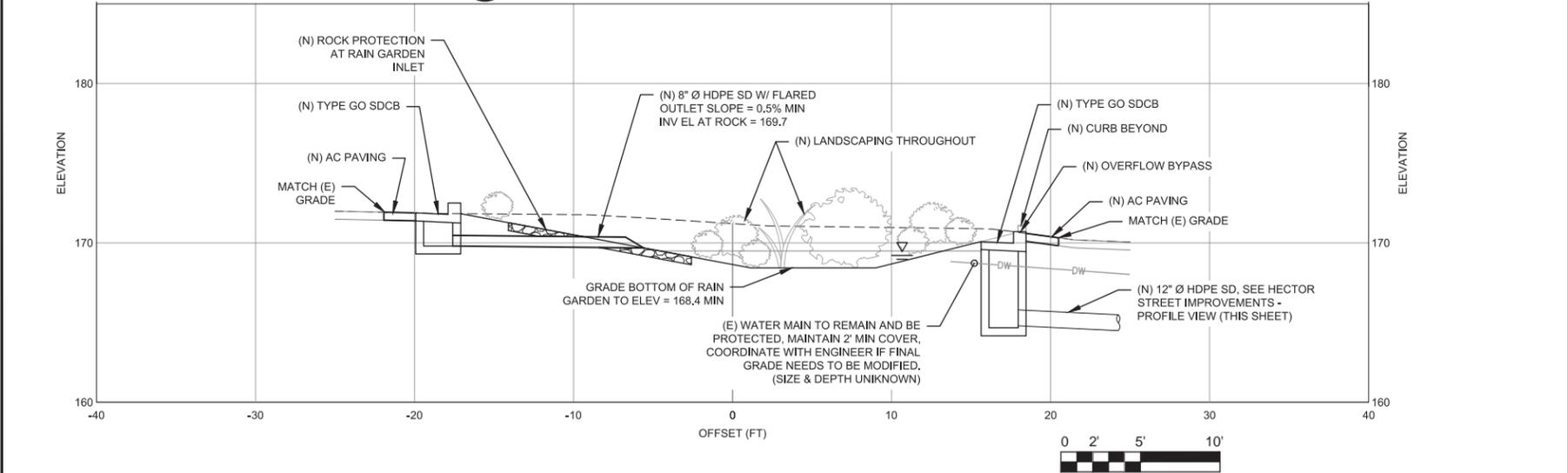
**NOTE**  
 LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR TO POTHOLE FOR EXACT LOCATION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



**HECTOR STREET IMPROVEMENTS - PROFILE VIEW**



**HECTOR STREET RAIN GARDEN - PLAN VIEW**



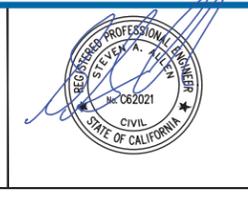
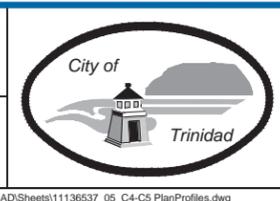
**HECTOR STREET IMPROVEMENTS - SECTION**

No	Revision	Date	Drawn	Job Manager	Project Director

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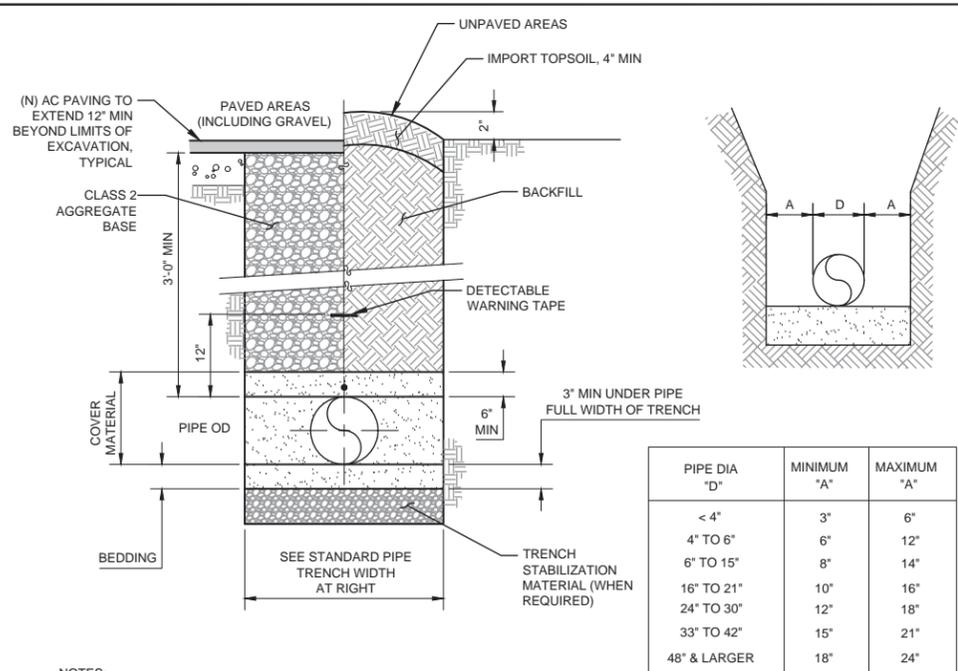
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Drafting Check SA/DS	Design Check SA/PS
Approved (Project Director) SA	Date 8/16/17
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

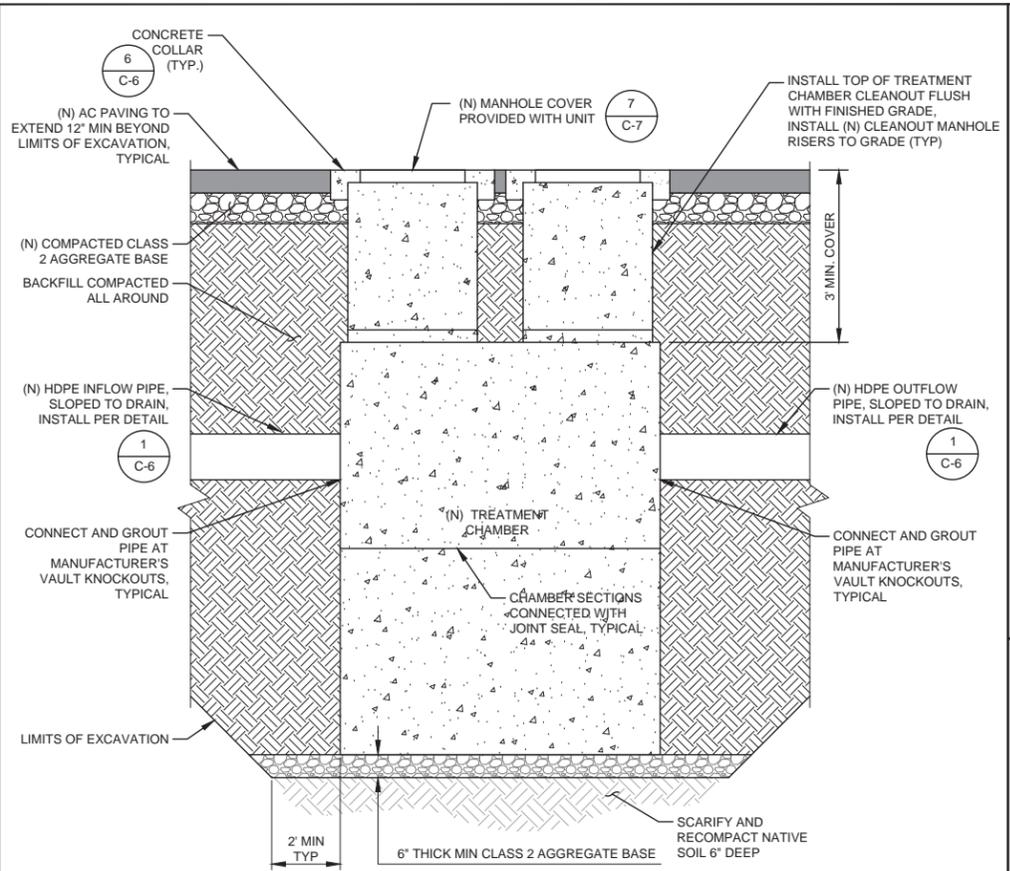
Client **CITY OF TRINIDAD**  
 Project **TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT**  
 Title **HECTOR STREET - PLAN, PROFILE, AND SECTION**  
 Contract No. 11136537  
 Original Size **Ansi D** Drawing No: **C-4**  
 Sheet 6 of 10  
 Rev:



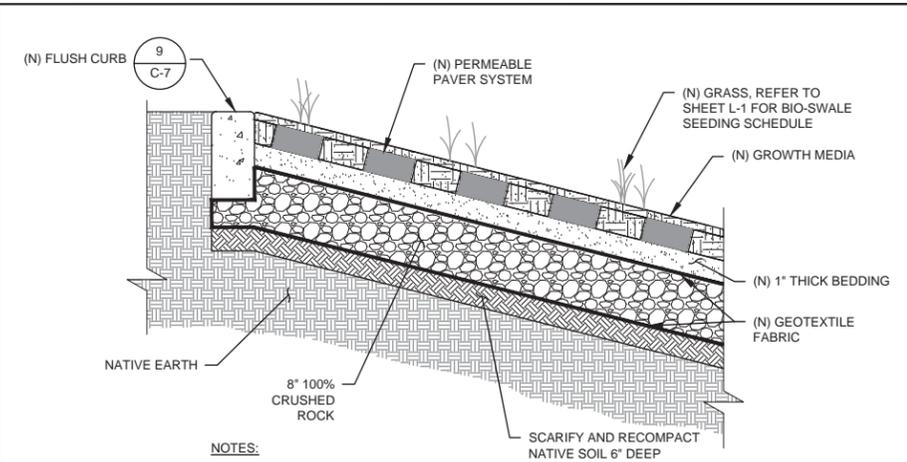


- NOTES:
1. WIDER TRENCHES MAY REQUIRE HIGHER STRENGTH PIPE AND/OR SPECIAL BEDDING.
  2. FOR MULTIPLE PIPE TRENCHES SEPARATE PIPES BY 12". FOR CONDUITS IN PIPE TRENCH SEPARATE BY 6".
  3. DIFFERING TRENCH WIDTHS REQUIRE PRIOR APPROVAL OF ENGINEER.
  4. IN MAKING EXCAVATIONS FOR THIS PROJECT, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING & INSTALLING ADEQUATE SHEETING, SHORING & BRACING AS MAY BE NECESSARY AS A PRECAUTION AGAINST SLIDES OR CAVE-INS, AND TO PROTECT ALL (E) IMPROVEMENTS OF ANY KIND, EITHER ON PUBLIC OR PRIVATE PROPERTY, FULLY FROM DAMAGE.
  7. SATISFACTORY NATIVE BACKFILL MATERIAL USED AS UTILITY TRENCH BACKFILL BELOW UNPAVED AREAS SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
  8. 2-SACK SLURRY BACKFILL MAY BE USED IN TRENCH WHEN MINIMUM PIPE COVER NOT POSSIBLE, WHEN APPROVED BY ENGINEER.
  9. DETECTABLE WARNING TAPE SHALL BE BRIGHT COLORED, CONTINUOUSLY PRINTED, MINIMUM 6" WIDE BY 4 MIL. THICK, MANUFACTURED FOR DIRECT BURIAL.

1  
C-6  
**TYPICAL TRENCH DETAIL**  
SCALE: NTS

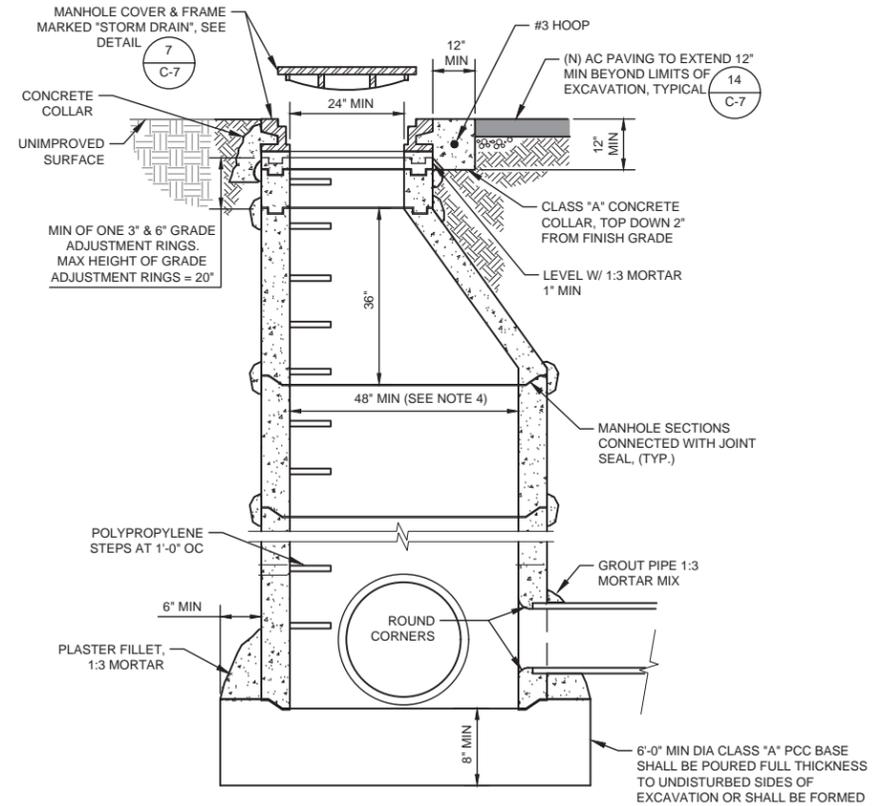


3  
C-6  
**TYPICAL TREATMENT CHAMBER INSTALLATION**  
SCALE: NTS



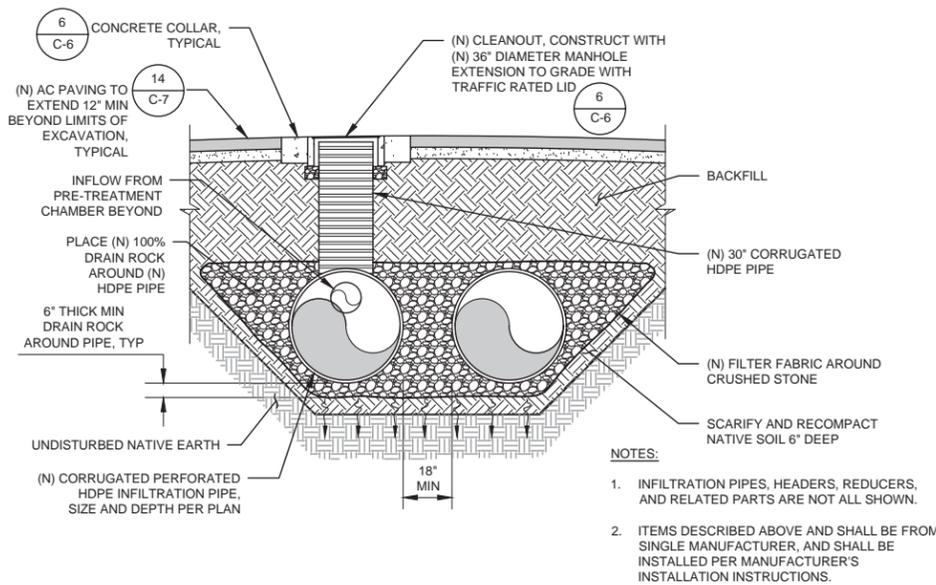
- NOTES:
1. INSTALL GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.

5  
C-6  
**TYPICAL PERMEABLE PAVER DETAIL**  
SCALE: NTS



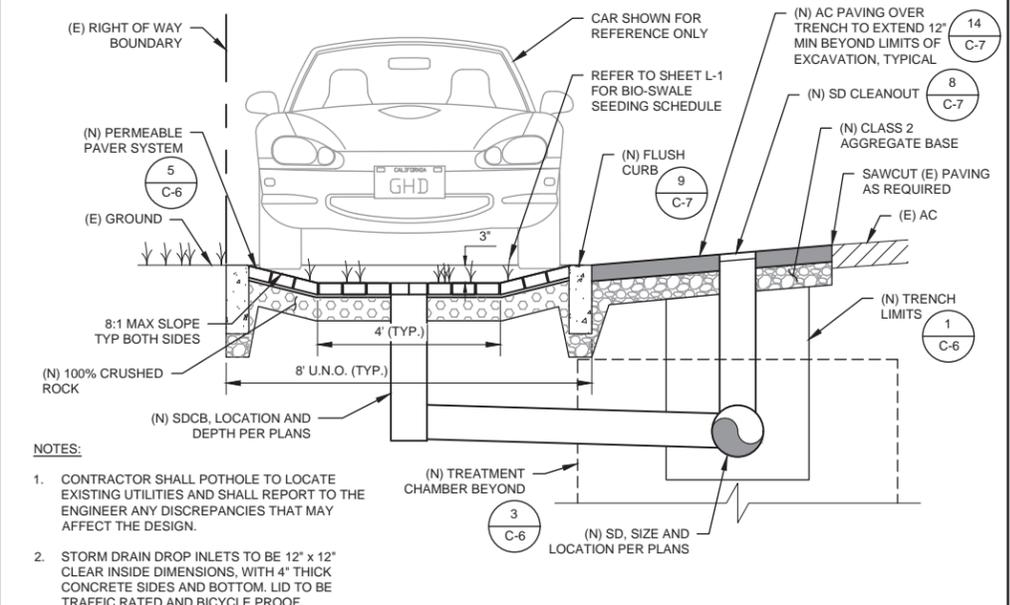
- NOTES:
1. INSTALL TOP OF MANHOLE COVER FLUSH WITH FINISHED GRADE.

6  
C-6  
**TYPE I STORM DRAIN MANHOLE DETAIL**  
SCALE: NTS



- NOTES:
1. INFILTRATION PIPES, HEADERS, REDUCERS, AND RELATED PARTS ARE NOT ALL SHOWN.
  2. ITEMS DESCRIBED ABOVE AND SHALL BE FROM SINGLE MANUFACTURER, AND SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

2  
C-6  
**TYPICAL INFILTRATION PIPE INSTALLATION**  
SCALE: NTS



- NOTES:
1. CONTRACTOR SHALL POT-HOLE TO LOCATE EXISTING UTILITIES AND SHALL REPORT TO THE ENGINEER ANY DISCREPANCIES THAT MAY AFFECT THE DESIGN.
  2. STORM DRAIN DROP INLETS TO BE 12" x 12" CLEAR INSIDE DIMENSIONS, WITH 4" THICK CONCRETE SIDES AND BOTTOM. LID TO BE TRAFFIC RATED AND BICYCLE PROOF.

4  
C-6  
**TYPICAL BIO SWALE DETAIL**  
SCALE: NTS

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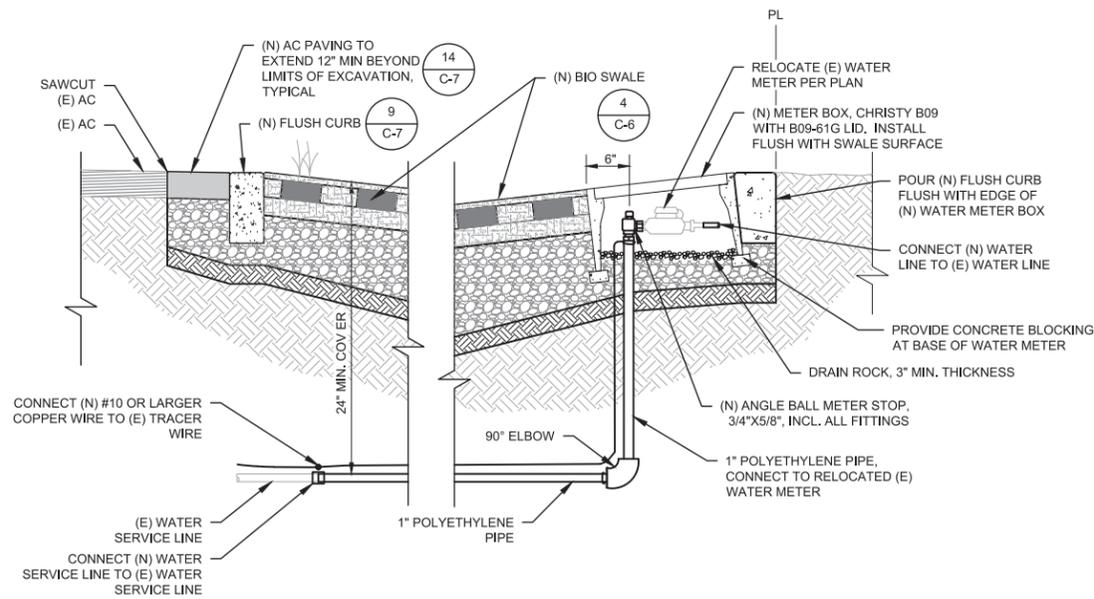
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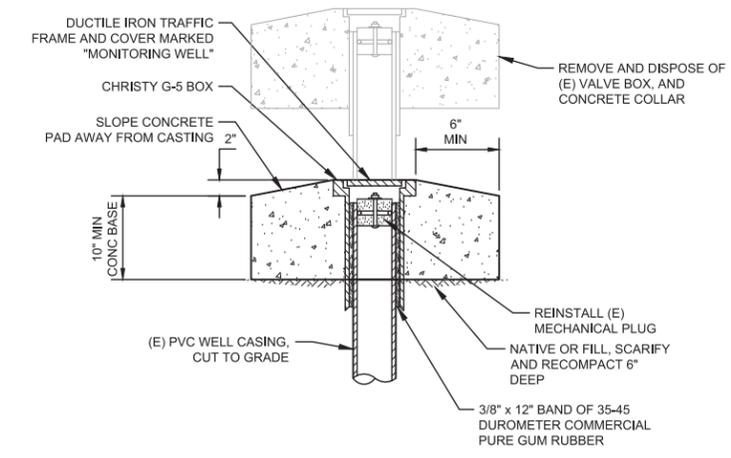
Drawn TD/BB	Designer TD/BB/RM
Drafting Check SA/DS	Design Check SA/PS
Approved (Project Director) SA	Date 8/16/17
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Client	CITY OF TRINIDAD
Project	TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT
Title	CONSTRUCTION DETAILS 1
Contract No.	11136537
Original Size	Ansi D Drawing No: C-6
Scale	8 of 10
Rev:	

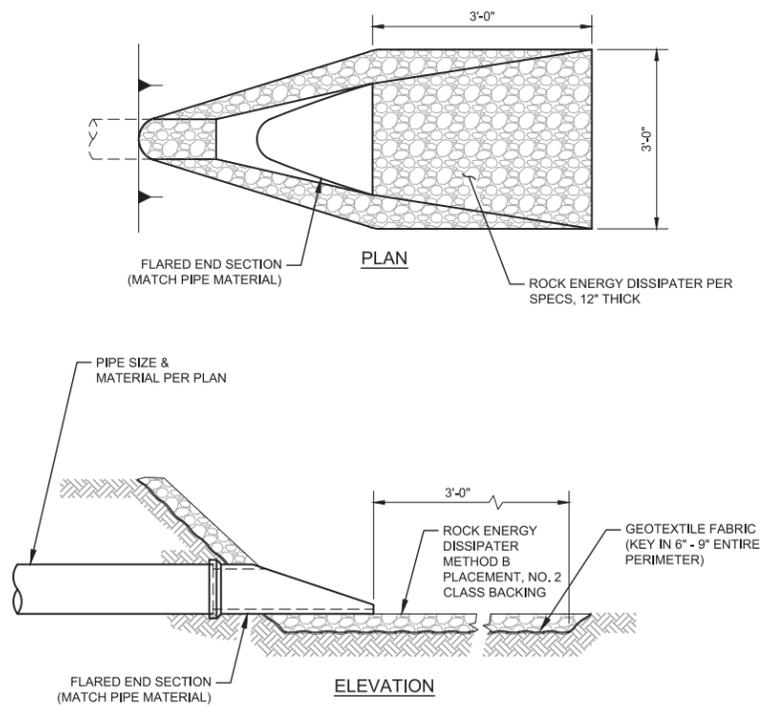




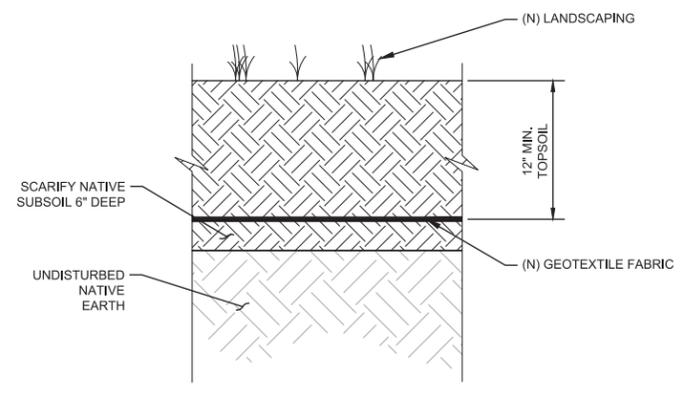
**15 TYPICAL DOMESTIC WATER SERVICE DETAIL**  
 C-8 SCALE: NTS



**17 GROUNDWATER MONITORING WELL GRADE ADJUSTMENT DETAIL**  
 C-8 SCALE: NTS



**16 STORM DRAIN END SECTION AND ENERGY DISSIPATOR DETAIL**  
 C-8 SCALE: NTS



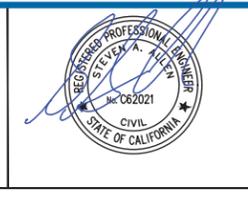
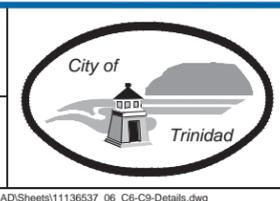
**18 TYPICAL RAIN GARDEN CONSTRUCTION DETAIL**  
 C-8 SCALE: NTS

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Drafting Check	SA/DS	Design Check	SA/PS
Approved (Project Director)	SA	Date	8/16/2017
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

Client	<b>CITY OF TRINIDAD</b>
Project	<b>TRINIDAD CITYWIDE LID PLANNING AND CONSTRUCTION PROJECT</b>
Title	<b>CONSTRUCTION DETAILS 3</b>
Contract No.	11136537
Original Size	10 of 10
Ansi D	Drawing No: <b>C-8</b>
Rev:	