

CITY OF TURLOCK

CONSTRUCTION PLANS FOR CITY PROJECT No. 19-33 DRIED SOLIDS STORAGE AREA

SHEET LIST

GENERAL

SHEET NUMBER	SHEET DESCRIPTION
G-001	COVER SHEET
G-101	EXISTING SITE

CIVIL

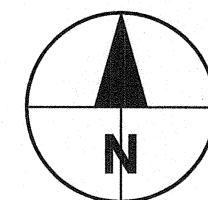
C-101	UNDERGROUND PIPING PLAN
C-102	UNDERGROUND PIPING PLAN
C-103	UNDERGROUND PIPING PLAN
C-201	GRADING PLAN
C-202	GRADING PLAN
C-203	GRADING PLAN
C-204	GRADING PLAN
C-205	VACTOR STRUCTURE LAYOUT
C-301	GRADING PROFILES
C-302	DRAINAGE PROFILES
C-303	WATER LINE PROFILES

DETAILS

CDT-01	DETAILS 1 PAVEMENT AND DRAINAGE
CDT-02	DETAILS 2 SAND TRAP, PIPING, HYDRANT AND TRENCH DRAIN
CDT-03	DETAILS 3 ELECTRICAL, UTILITY AND MISCELLANEOUS
CDT-04	DETAILS 4 CONCRETE STRUCTURES



VICINITY MAP
SCALE: 1"=500'



GENERAL NOTES

1. ALL WORK ON THIS PROJECT SHALL COMPLY WITH THE CURRENT EDITION OF THE CITY OF TURLOCK STANDARD SPECIFICATIONS AND ANY MODIFICATIONS THERETO BY THESE CONTRACT DOCUMENTS. ALL CONSTRUCTION DETAILS NOT SHOWN HEREON SHALL CONFORM TO THE CITY STANDARDS SET FORTH IN THE CURRENT EDITION OF THE CITY OF TURLOCK STANDARD DRAWINGS.
2. THE LOCATIONS OF THE EXISTING UNDERGROUND STRUCTURES AND UTILITIES HAVE BEEN LOCATED IN THE FIELD OR OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL ASSUME THE SOLE RESPONSIBILITY FOR DETERMINING OR CONFIRMING THE EXACT LOCATIONS OF THESE FACILITIES AND PROTECTING SAME FROM DAMAGE.
3. AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK, THE CONTRACTOR SHALL REQUEST UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF SUBSURFACE FACILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION AND DEPTH OF ALL SUBSURFACE FACILITIES WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY THEIR CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT UTILITIES OR STRUCTURES FOUND AT THE SITE.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND HAVING ON-SITE THE LATEST UPDATED AND SIGNED IMPROVEMENT DRAWINGS PRIOR TO CONSTRUCTION.
5. CONTRACTOR SHALL NOTIFY AND COORDINATE ALL RELATED WORK WITH THE FOLLOWING AGENCIES IN ACCORDANCE WITH THE SPECIFICATIONS AND THESE DRAWINGS:

CITY OF TURLOCK
MUNICIPAL SERVICES
DEPARTMENT
MICHAEL COOKE
156 S. BROADWAY, STE 270
TURLOCK, CA 95380
(209) 668-5590

APPROVALS:

MICHAEL COOKE
MUNICIPAL SERVICES DIRECTOR

NATHAN BRAY, P.E.
INTERIM DEVELOPMENT SERVICES
DIRECTOR / CITY ENGINEER
CITY OF TURLOCK



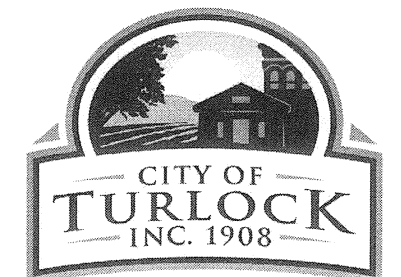
AECOM

PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33
(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

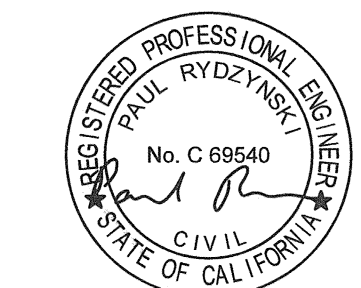
CITY OF TURLOCK
MUNICIPAL SERVICES DEPARTMENT
156 SOUTH BROADWAY, SUITE 270
TURLOCK, CALIFORNIA 95380-5454
209.668.5590 tel 209.668.5563 fax
www.cityofturlock.org.com



CONSULTANT

AECOM
1390 E. SPRUCE AVENUE #101
FRESNO, CA 93720
559.448.8222 tel 559.448.8233 fax
www.aecom.com

REGISTRATION



BID SET
DATE: 2019-22-07

ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

SHEET TITLE

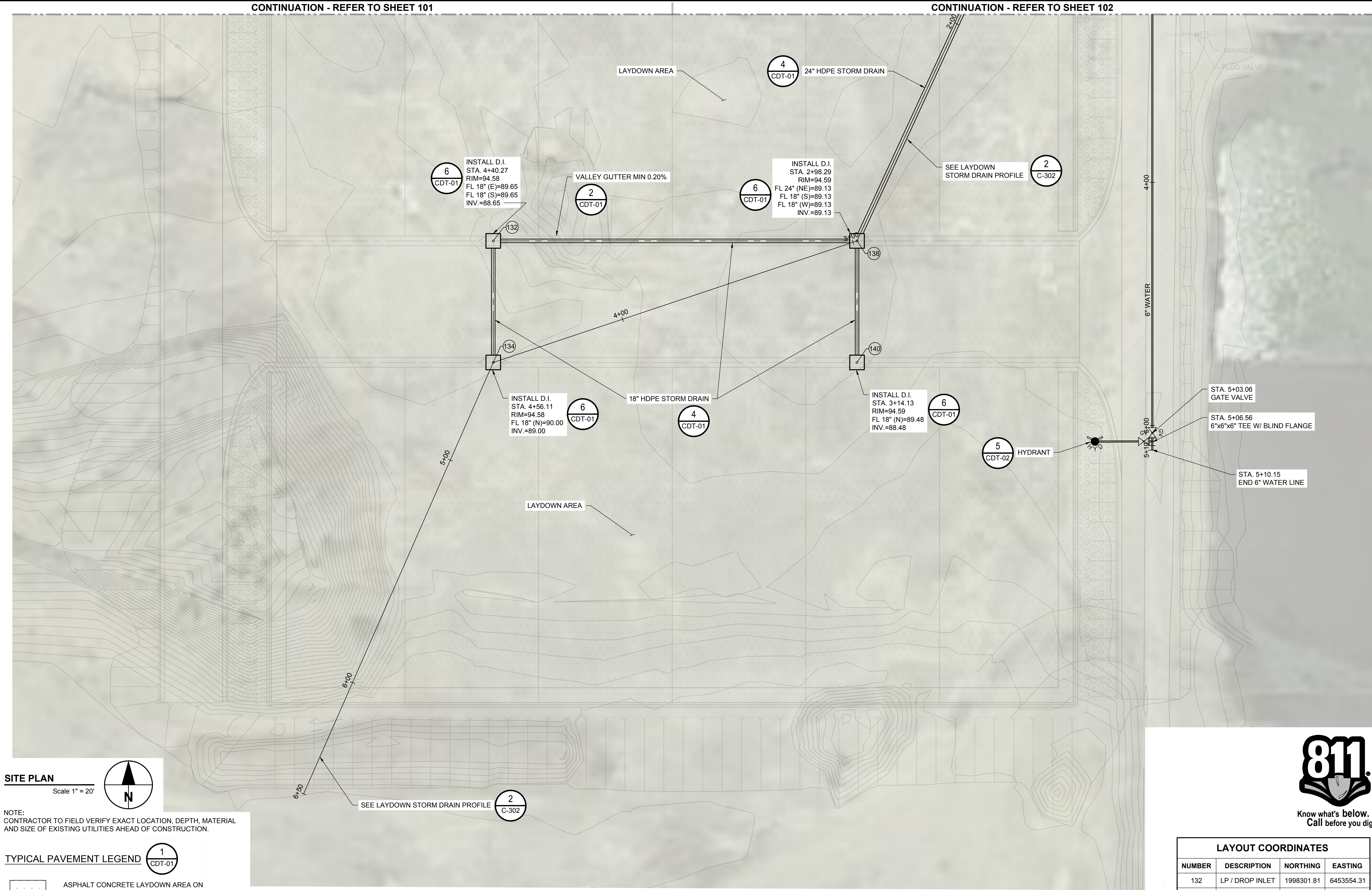
COVER SHEET

SHEET NUMBER

G-001

G-101

ANSI D 22" x 34" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____
Last saved by: AUSTIN BAIN (2019-09-28) Last Plotted: 2019-09-28
Filename: \\FRESNO\FRESNO\PROJECTS\TURLOCK\60563672_CIP_SVCS SOLIDS LAYDOWN AREA TOH1900-CAD-GIS\010-CAD20-SHEETS\60563672_C-SHT-103.DWG



PROJECT

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CITY OF TURLOCK

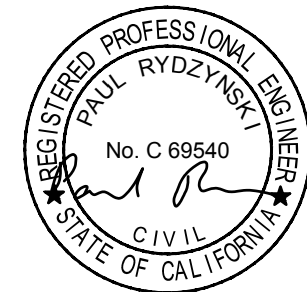
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KEY PLAN



LAYOUT COORDINATES			
NUMBER	DESCRIPTION	NORTHING	EASTING
132	LP / DROP INLET	1998301.81	6453554.31
134	LP / DROP INLET	1998251.81	6453554.29
138	LP / DROP INLET	1998301.81	6453704.01
140	LP / DROP INLET	1998251.80	6453703.93

PROJECT NUMBER

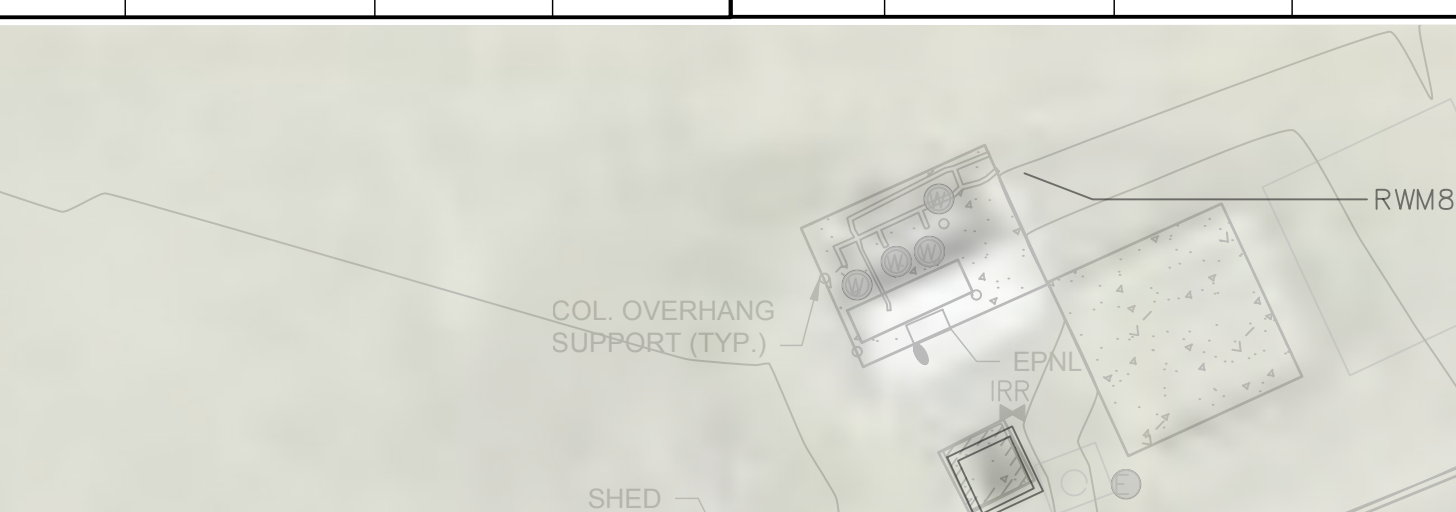
60563672

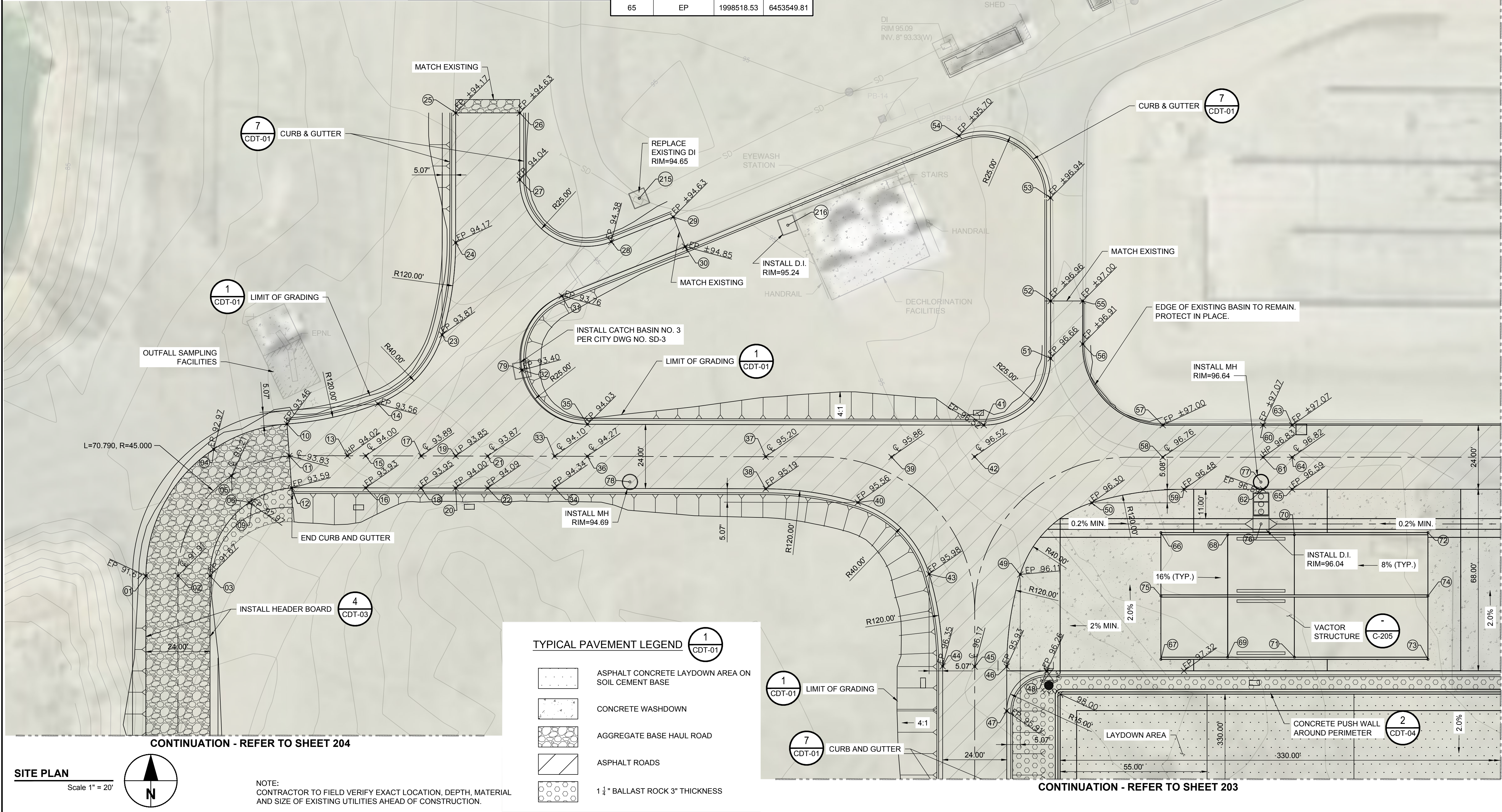
SHEET TITLE

UNDERGROUND PIPING PLAN

SHEET NUMBER

C-103

LAYOUT COORDINATES																							
NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING
				17	CL	1998531.01	6453223.69	33	CL	1998530.90	6453273.67	49	EP	1998486.66	6453448.01	66	VACTOR WALL	1998502.32	6453500.67	74	VACTOR WALL	1998478.57	6453600.66
				18	EP	1998519.01	6453223.65	34	EP	1998519.08	6453273.65	50	EP	1998513.45	6453474.77	67	VACTOR WALL	1998454.82	6453500.67	75	VACTOR WALL	1998478.57	6453500.66
01	EP	1998486.12	6453120.62	19	CL / LOW PT	1998530.98	6453236.62	35	EP	1998542.87	6453285.94	51	EP	1998567.53	6453459.37	68	VACTOR FLOOR	1998501.46	6453525.66	76	DROP INLET	1998505.53	6453538.16
02	CL	1998486.12	6453132.62	20	EP / LOW PT	1998518.98	6453236.59	36	CL	1998530.87	6453285.91	52	EP	1998589.04	6453459.37	69	VACTOR FLOOR	1998455.66	6453525.66	77	MH	1998521.22	6453538.12
03	EP	1998486.12	6453144.62	21	CL	1998530.95	6453248.61	37	CL	1998530.71	6453352.69	53	EP	1998627.66	6453459.30	70	VACTOR FLOOR	1998501.49	6453550.65	78	MH	1998521.27	6453301.84
04	EP	1998533.54	6453146.00	22	EP	1998518.95	6453248.58	38	EP	1998518.71	6453352.66	54	EP	1998650.91	6453425.11	71	VACTOR FLOOR	1998455.66	6453550.66	79	DROP INLET	1998563.16	6453261.38
05	CL	1998523.56	6453152.65	23	EP	1998576.41	6453231.54	39	CL	1998530.61	6453399.81	55	EP	1998589.04	6453471.37	72	VACTOR WALL	1998502.32	6453600.66	215	DROP INLET	1998627.49	6453305.33
06	EP	1998513.57	6453159.31	24	EP	1998610.91	6453236.61	40	EP	1998513.57	6453387.16	56	EP	1998572.93	6453471.37	73	VACTOR WALL	1998454.82	6453600.66	216	DROP INLET	1998617.42	6453360.97
09	EP	1998514.63	6453160.37	25	EP	1998659.47	6453236.61	41	EP	1998542.53	6453434.37	57	EP	1998542.53	6453501.37								
10	EP	1998542.97	6453173.46	26	EP	1998659.47	6453260.61	42	CL	1998530.71	6453430.90	58	CL	1998530.53	6453501.37								
11	CL	1998531.00	6453174.33	27	EP	1998634.47	6453260.61	43	EP	1998486.78	6453413.88	59	EP	1998518.53	6453509.33								
12	EP	1998519.03	6453175.21	28	EP	1998611.25	6453294.88	44	EP	1998452.28	6453418.95	60	EP / HIGH PT	1998542.53	6453538.94								
13	HP	1998531.07	6453196.08	29	EP	1998620.52	6453318.10	45	CL	1998452.15	6453430.95	61	CL / HIGH PT	1998530.53	6453538.94								
14	EP	1998550.54	6453207.50	30	EP	1998609.37	6453322.54	46	EP	1998452.15	6453442.95	62	EP / HIGH PT	1998518.53	6453538.91								
15	SW	1998531.06	6453202.95	31	EP	1998590.93	6453276.34	47	EP	1998435.53	6453442.95	63	EP	1998542.53	6453549.81								
16	EP	1998519.06	6453202.92	32	EP / LP	1998563.18	6453261.44	48	EP	1998450.54	6453457.94	64	CL	1998530.50	6453549.81								
												65	EP	1998518.53	6453549.81								



PROJECT

**DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33**

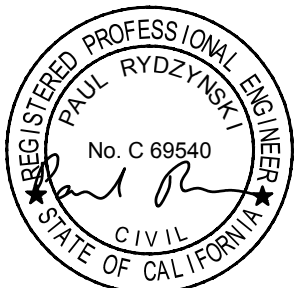
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BID SET
DATE: 2019-22-07

ISSUE/REVISION		
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

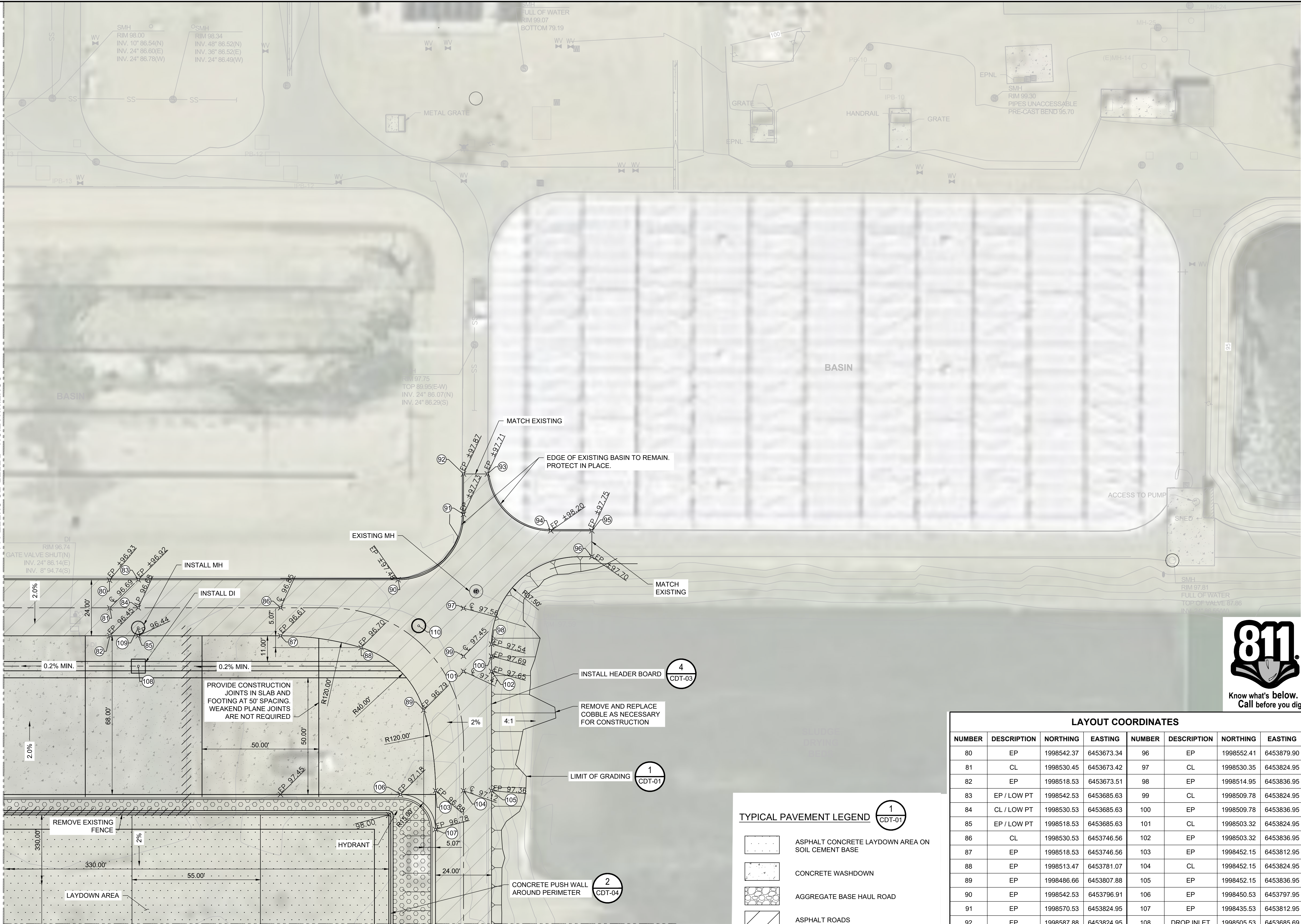
SHEET TITLE

GRADING PLAN

SHEET NUMBER

C-201

CONTINUATION - REFER TO SHEET 201



LAYOUT COORDINATES							
NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING
80	EP	1998542.37	6453673.34	96	EP	1998552.41	6453879.90
81	CL	1998530.45	6453673.42	97	CL	1998530.35	6453824.95
82	EP	1998518.53	6453673.51	98	EP	1998514.95	6453836.95
83	EP / LOW PT	1998542.53	6453685.63	99	CL	1998509.78	6453824.95
84	CL / LOW PT	1998530.53	6453685.63	100	EP	1998509.78	6453836.95
85	EP / LOW PT	1998518.53	6453685.63	101	CL	1998503.32	6453824.95
86	CL	1998530.53	6453746.56	102	EP	1998503.32	6453836.95
87	EP	1998518.53	6453746.56	103	EP	1998452.15	6453812.95
88	EP	1998513.47	6453781.07	104	CL	1998452.15	6453824.95
89	EP	1998486.66	6453807.88	105	EP	1998452.15	6453836.95
90	EP	1998542.53	6453796.91	106	EP	1998450.53	6453797.95
91	EP	1998570.53	6453824.95	107	EP	1998435.53	6453812.95
92	EP	1998587.88	6453824.95	108	DROP INLET	1998505.53	6453685.69
93	EP	1998587.88	6453835.13	109	MH	1998521.96	6453685.57
94	EP	1998563.52	6453862.16	110	MH	1998522.79	6453805.72
95	EP	1998563.52	6453879.90				



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CITY OF TURLOCK

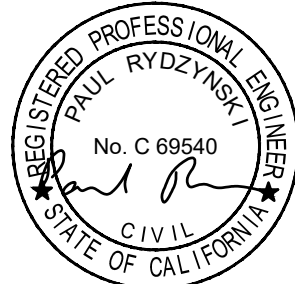
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REGISTRATION



BID SET
DATE: 2019-22-07

ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

SHEET TITLE

GRADING PLAN

SHEET NUMBER

C-202



TYPICAL PAVEMENT LEGEND				LAYOUT COORDINATES																							
1 CDT-01				NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING
	ASPHALT CONCRETE LAYDOWN AREA ON SOIL CEMENT BASE			111	EP	1998351.72	6453417.45	120	EP	1998201.72	6453418.95	129	EP / HIGH PT	1998251.81	6453465.19	138	LP / DROP INLET	1998301.81	6453704.01	147	EP	1998353.31	6453836.95	156	CL	1998201.73	6453824.95
	CONCRETE WASHDOWN			112	CL	1998351.72	6453430.95	121	EP	1998186.81	6453418.95	130	EDGE PT	1998303.81	6453465.19	139	CL - LOW PT	1998276.81	6453703.99	148	CL	1998351.75	6453824.91	157	EP	1998201.73	6453836.95
	AGGREGATE BASE HAUL ROAD			113	EP	1998355.20	6453442.95	122	CL	1998186.81	6453430.95	131	EDGE PT	1998249.81	6453465.19	140	LP / DROP INLET	1998251.80	6453703.93	149	EP	1998351.77	6453836.95	158	EP	1998198.43	6453812.95
	ASPHALT ROADS			114	EP	1998301.81	6453460.30	123	EP	1998186.81	6453442.95	132	LP / DROP INLET	1998301.81	6453554.31	141	EP	1998251.81	6453795.59	150	EP	1998276.81	6453812.95	159	CL	1998198.43	6453824.95
	1 1/4" BALLAST ROCK 3" THICKNESS			115	CL	1998276.81	6453430.95	124	EP	1998111.82	6453418.95	133	CL - LOW PT	1998276.81	6453554.30	142	CL	1998276.81	6453795.59	151	CL	1998276.81	6453824.95	160	EP	1998198.43	6453836.95
				116	EP	1998276.81	6453442.95	125	CL	1998111.82	6453430.95	134	LP / DROP INLET	1998251.81	6453554.29	143	EP	1998301.81	6453795.59	152	EP / LOW PT	1998247.46	6453836.95	161	EP	1998113.32	6453812.95
				117	EP	1998251.81	6453460.30	126	EP	1998111.82	6453442.95	135	EP / HIGH PT	1998301.85	6453630.23	144	EDGE PT	1998303.81	6453795.19	153	CL / LOW PT	1998247.46	6453824.95	162	CL	1998113.32	6453824.95
				118	EP	1998199.36	6453442.95	127	EP / HIGH PT	1998301.81	6453465.19	136	CL - HIGH PT	1998276.81	6453630.18	145	EP	1998358.32	6453812.95	154	EDGE PT	1998249.81	6453795.19	163	EP	1998113.32	6453836.97
				119	CL	1998201.72	6453430.95	128	CL / HIGH PT	1998276.81	6453465.19	137	EP / HIGH PT	1998251.81	6453630.21	146	CL	1998353.28	6453824.91	155	EP	1998201.43	6453812.95				



PROJECT

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CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
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CLIENT

CITY OF TURLOCK

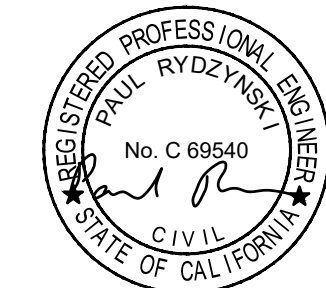
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REGISTRATION



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KEY PLAN



**Know what's below.
Call before you dig.**

PROJECT NUMBER

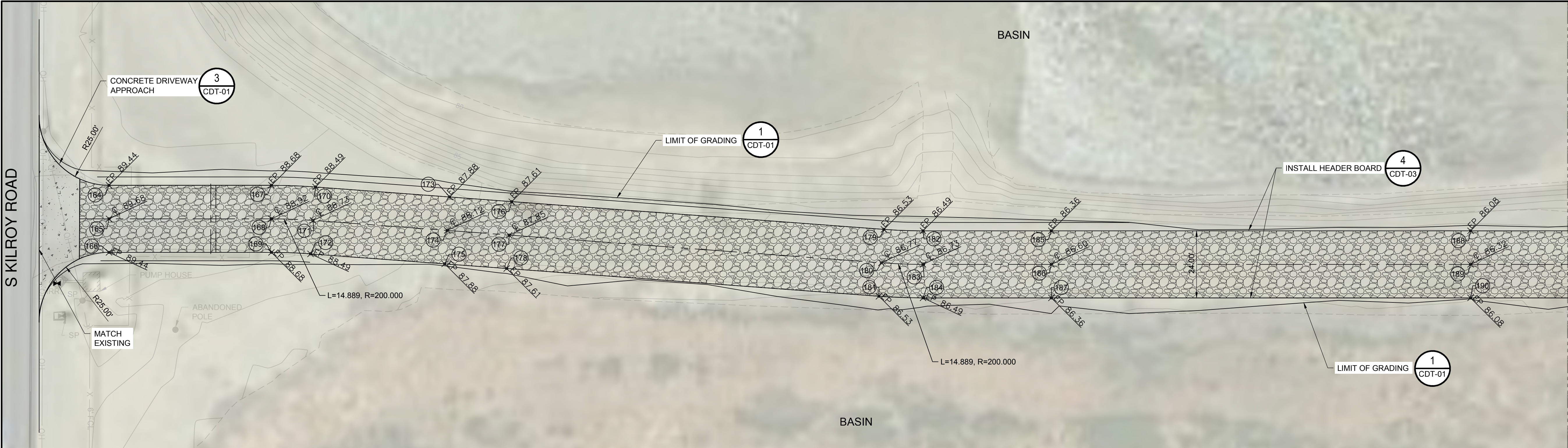
60563672

SHEET TITLE

GRADING PLAN

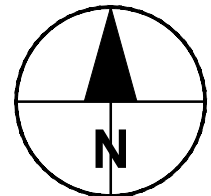
SHEET NUMBER

C-203

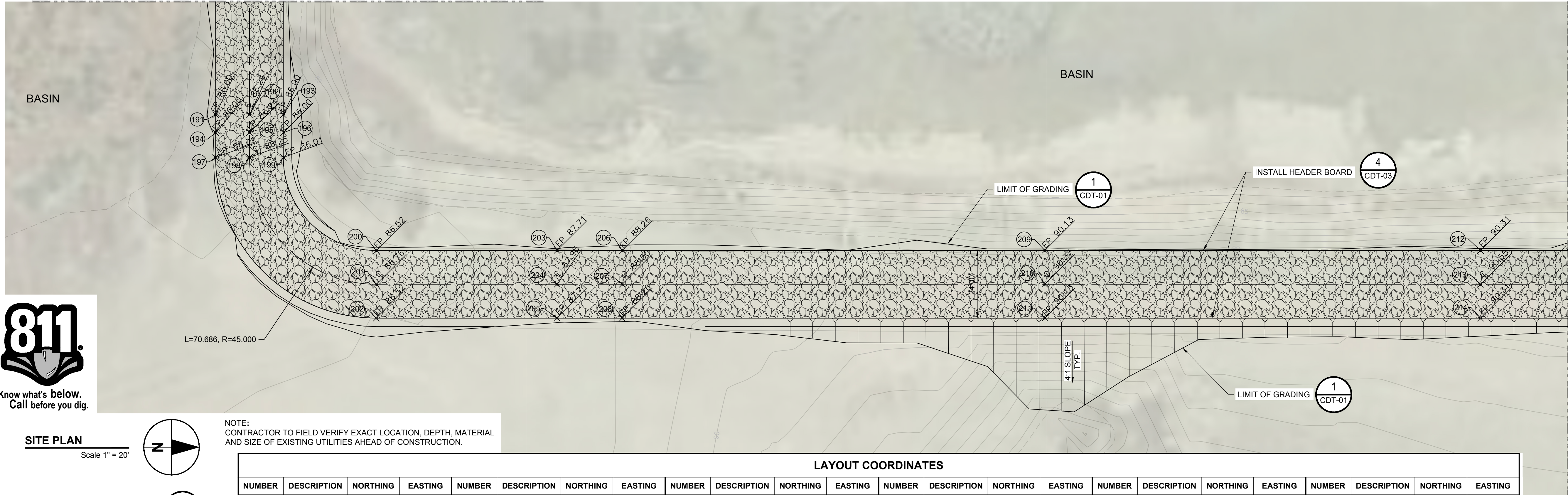


SITE PLAN

Scale 1" = 20'

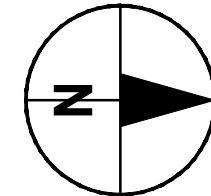


CONTINUATION - REFER TO ABOVE



SITE PLAN

Scale 1" = 20'



NOTE:
CONTRACTOR TO FIELD VERIFY EXACT LOCATION, DEPTH, MATERIAL
AND SIZE OF EXISTING UTILITIES AHEAD OF CONSTRUCTION.

TYPICAL PAVEMENT LEGEND

	ASPHALT CONCRETE LAYDOWN AREA ON SOIL CEMENT BASE
	CONCRETE WASHDOWN
	AGGREGATE BASE HAUL ROAD
	ASPHALT ROADS

LAYOUT COORDINATES

NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING	NUMBER	DESCRIPTION	NORTHING	EASTING
164	EP	1997971.74	6452510.21	173	EP	1997967.58	6452632.09	182	EP	1997955.47	6452801.45	191	EP	1997931.47	6453072.48	200	EP	1997988.47	6453120.62
165	CL	1997959.74	6452510.21	174	CL	1997955.61	6452631.20	183	CL	1997943.47	6452801.45	192	CL	1997943.47	6453072.48	201	CL	1997988.47	6453132.62
166	EP	1997947.74	6452510.21	175	EP	1997943.64	6452630.31	184	EP	1997931.47	6452801.45	193	EP	1997955.47	6453072.48	202	EP	1997988.47	6453144.62
167	EP	1997971.74	6452568.32	176	EP	1997965.87	6452654.29	185	EP	1997955.47	6452847.36	194	EP / LOW PT	1997931.47	6453078.82	203	EP	1998052.61	6453120.62
168	CL	1997959.74	6452568.32	177	CL	1997953.91	6452653.39	186	CL	1997943.47	6452847.36	195	CL / LOW PT	1997943.47	6453078.82	204	CL	1998052.62	6453132.62
169	EP	1997947.74	6452568.32	178	EP	1997941.99	6452652.49	187	EP	1997931.47	6452847.39	196	EP / LOW PT	1997955.47	6453078.82	205	EP	1998052.64	6453144.62
170	EP	1997971.16	6452584.09	179	EP	1997955.99	6452787.46	188	EP	1997955.47	6452997.36	197	EP	1997931.47	6453087.62	206	EP	1998075.74	6453120.62
171	CL	1997959.19	6452583.20	180	CL	1997944.02	6452786.57	189	CL	1997943.47	6452997.36	198	CL	1997943.47	6453087.62	207	CL	1998075.74	6453132.62
172	EP	1997947.22	6452582.30	181	EP	1997932.06	6452785.68	190	EP	1997931.47	6452997.36	199	EP	1997955.47	6453087.62	208	EP	1998075.74	6453144.62

CONTINUATION - REFER TO BELOW

CONTINUATION - REFER TO SHEET 201

AECOM

PROJECT

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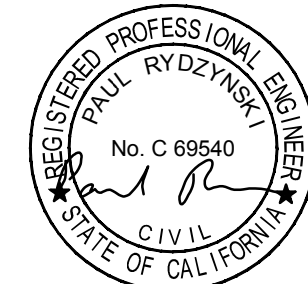
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REGISTRATION



BID SET

DATE: 2019-22-07

ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

SHEET TITLE

GRADING PLAN

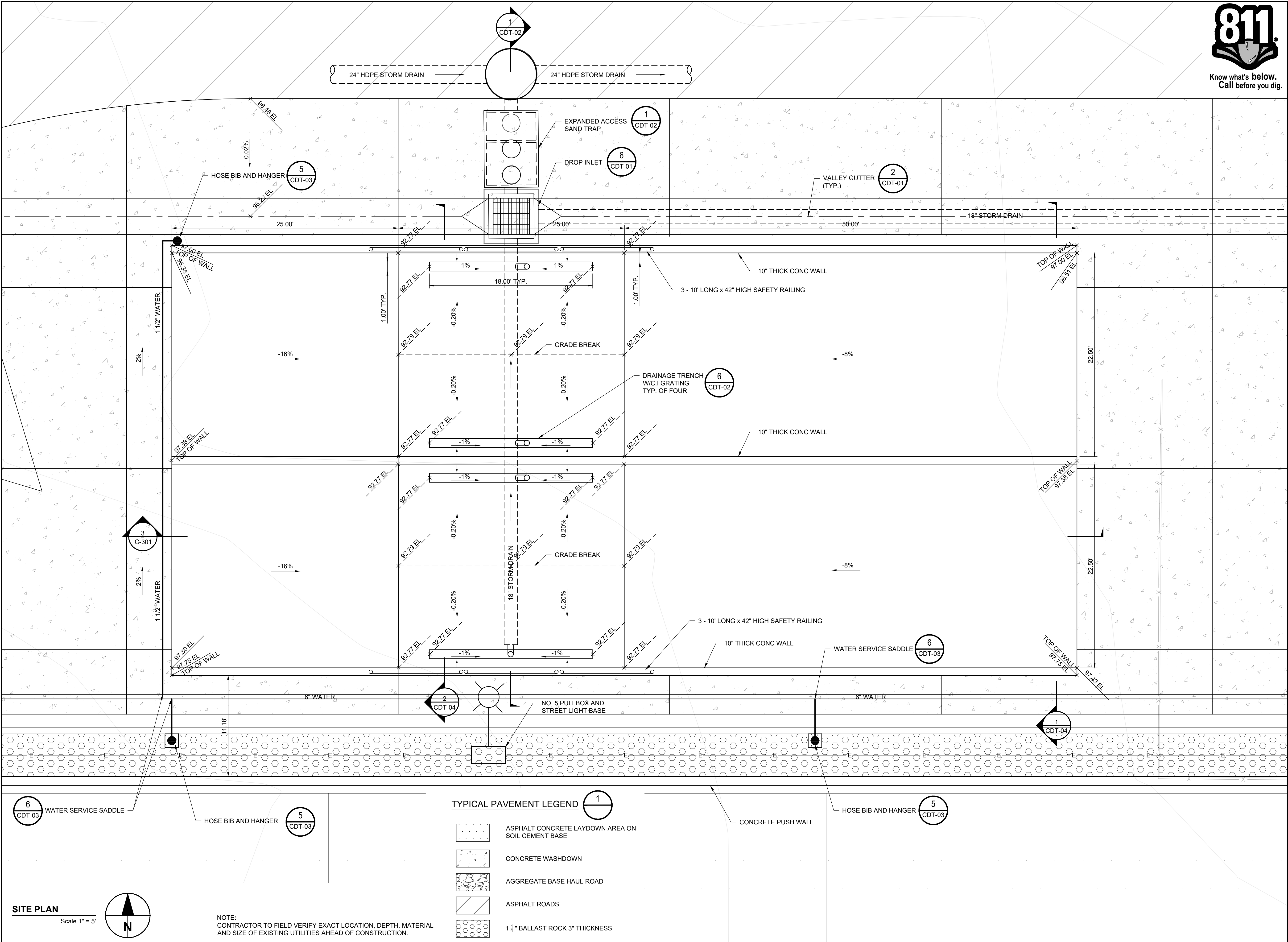
SHEET NUMBER

C-204



Know what's below.
Call before you dig.

ANSI D 22" x 34" Approved: _____ Checked: _____ Designer: _____ Project Management Initials: _____
Last saved by: PAUL_TONKIN(2019-07-19) Last Plotted: 2019-07-22
Filename: \\FRESNO\FRESNO\PROJECTS\TURLOCK\60563672_CIP_SVCS SOLIDS LAYDOWN AREA TOH1900-CAD-GIS\010-CAD\20-SHEETS\60563672_C-SHT-205.DWG



PROJECT

DRIED SOLIDS STORAGE AREA
CITY PROJECT No. 19-33
(REGIONAL WATER QUALITY CONTROL FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

CITY OF TURLOCK
MUNICIPAL SERVICES DEPARTMENT
156 SOUTH BROADWAY, SUITE 270
TURLOCK, CALIFORNIA 95380-5454
209.668.5590 tel 209.668.5563 fax
www.cityofturlock.org



CONSULTANT

AECOM
1360 E. SPRUCE AVENUE #101
FRESNO, CA 93720
559.448.8222 tel 559.448.8233 fax
www.aecom.com

REGISTRATION

REGISTERED PROFESSIONAL ENGINEER
PAUL RYDOZYNSKI
No. C 69540
CIVIL
STATE OF CALIFORNIA

BID SET
DATE: 2019-22-07

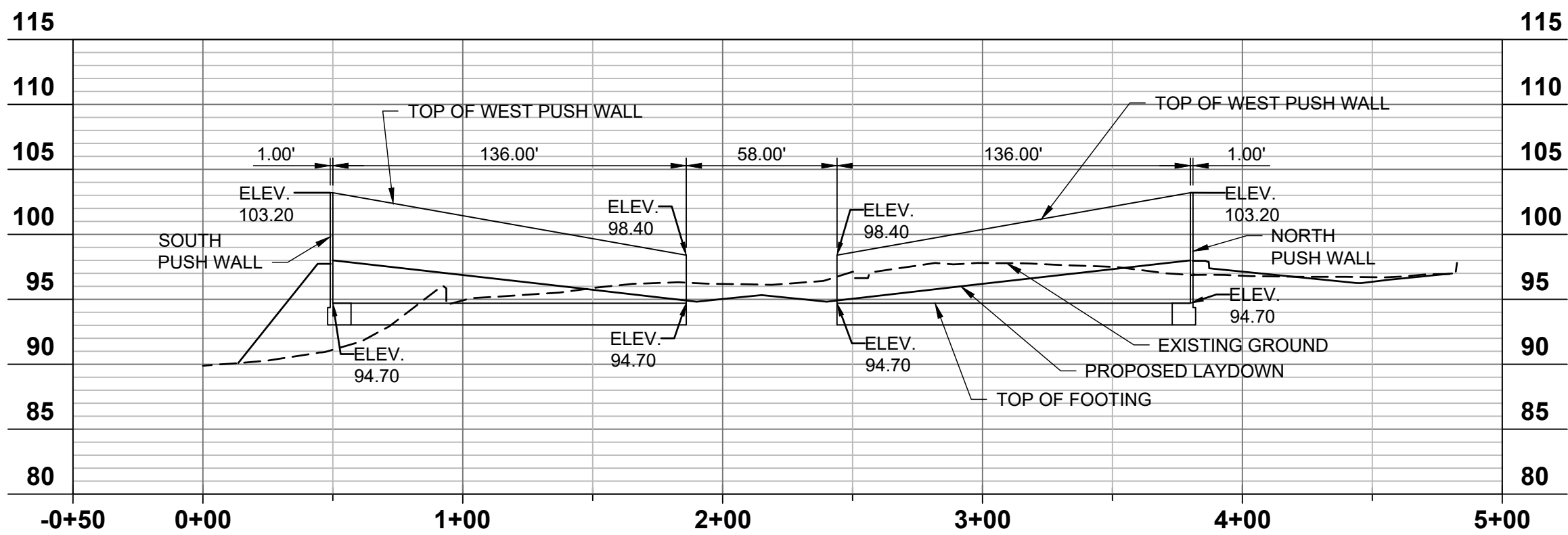
ISSUE/REVISION		
I/R	DATE	DESCRIPTION

KEY PLAN

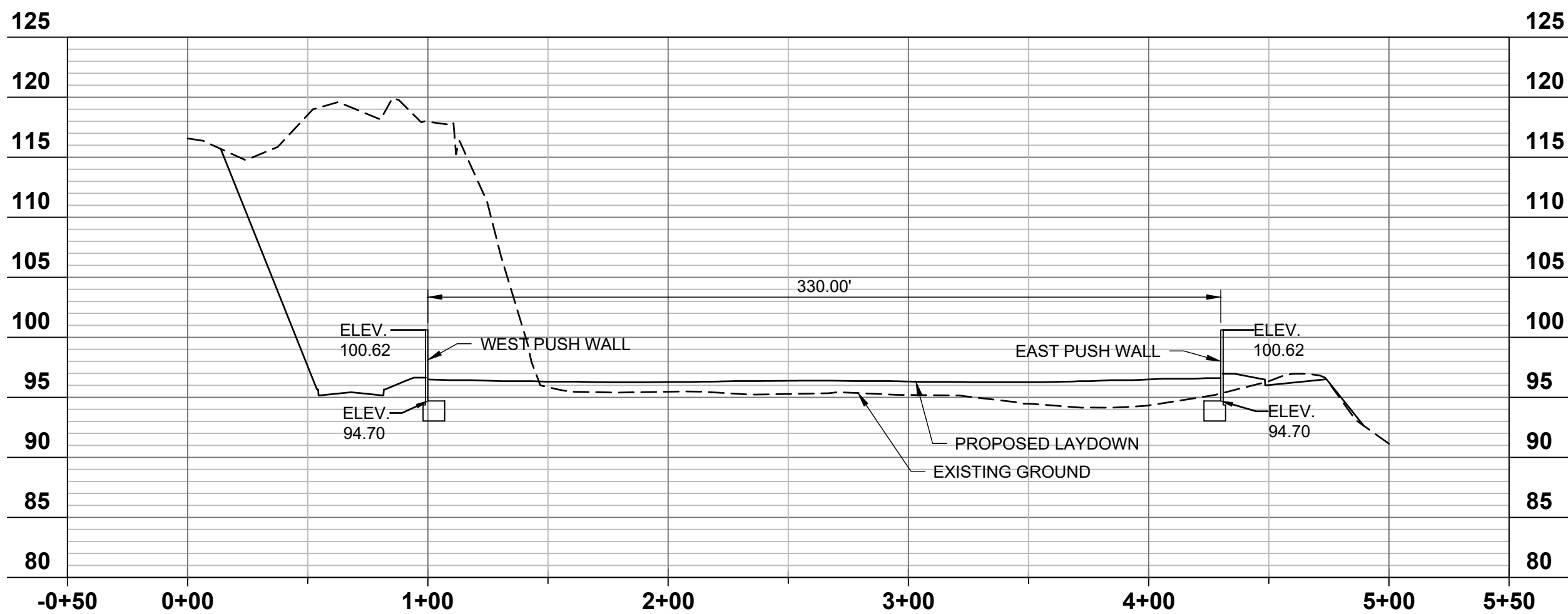
PROJECT NUMBER
60563672

SHEET TITLE
VACTOR STRUCTURE LAYOUT

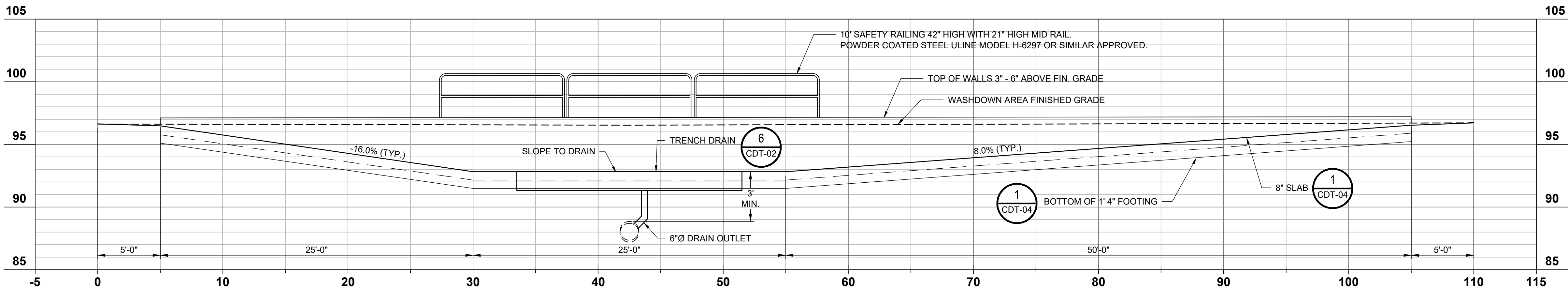
SHEET NUMBER
C-205



LAYDOWN PUSH WALL SOUTH TO NORTH PROFILE 1
SCALE: HORZ: 1"=50'
VERT: 1"=10'



LAYDOWN PUSH WALL WEST TO EAST PROFILE 2
SCALE: HORZ: 1"=50'
VERT: 1"=10'



VACTOR PUMP PROFILE 3
SCALE: HORZ: 1"=5'
VERT: 1"=5'



PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

CITY OF TURLOCK

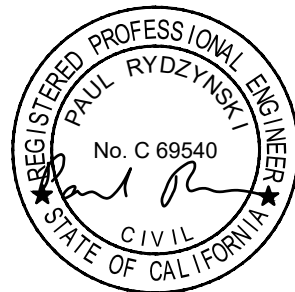
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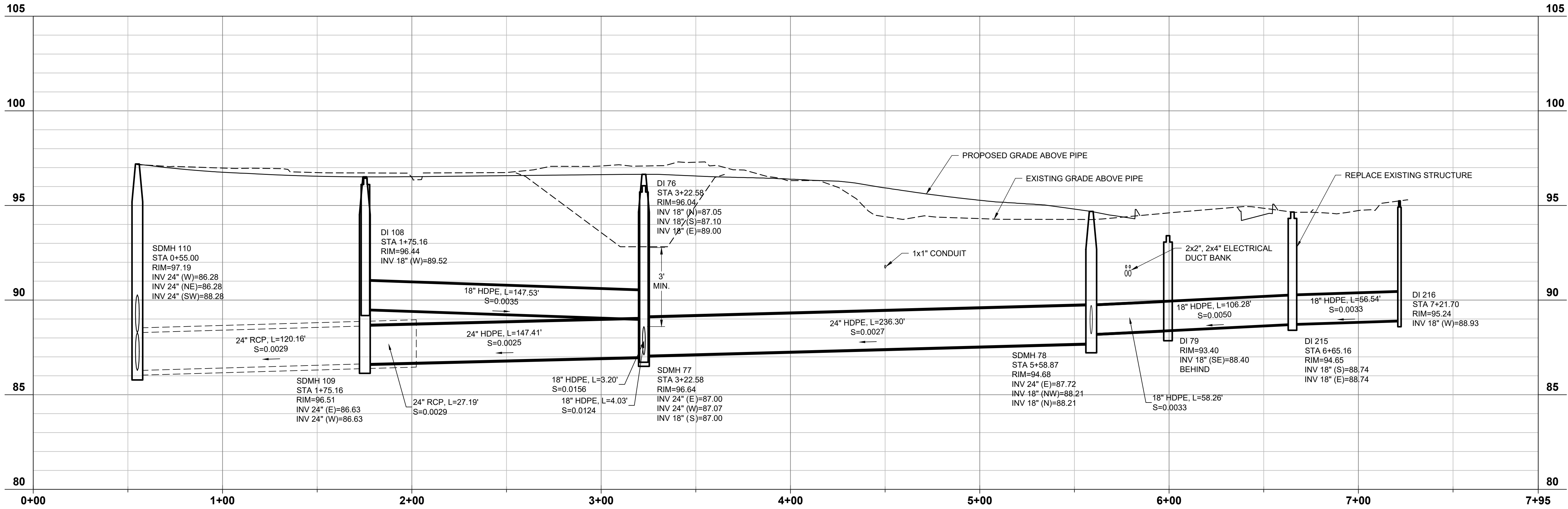
SHEET TITLE

GRADING PROFILES

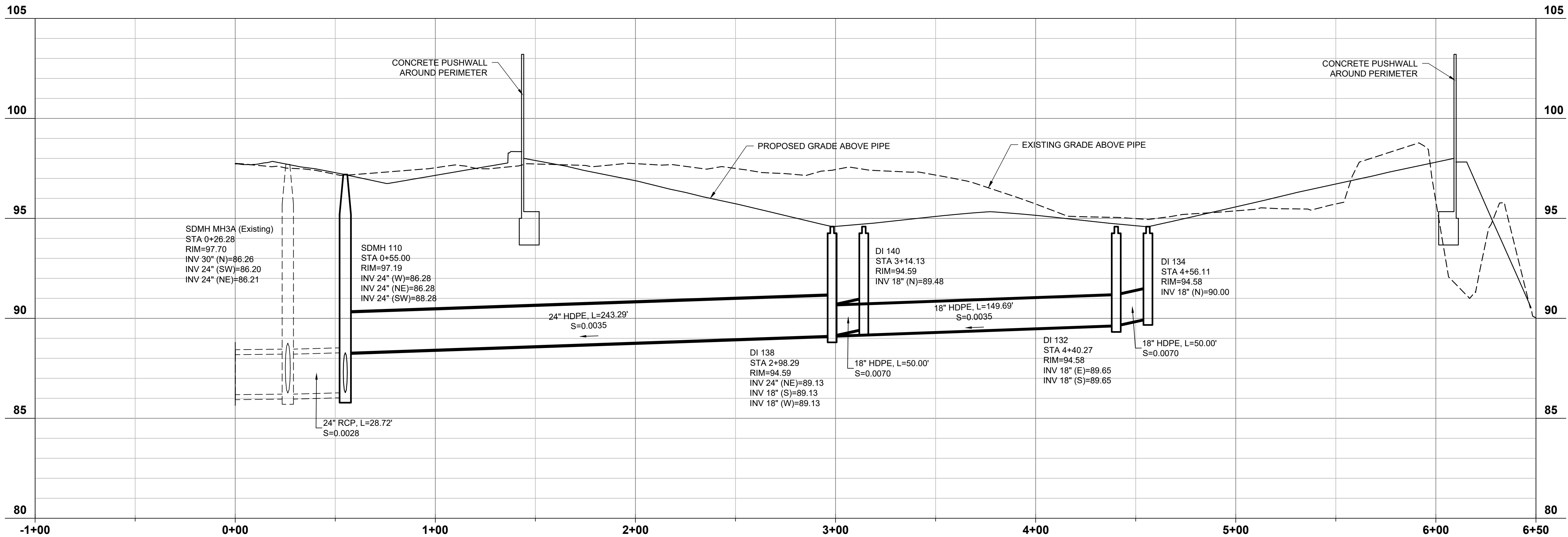
SHEET NUMBER

C-301

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PLANT STORM DRAIN PROFILE 1
SCALE: HORZ: 1"=30'
VERT: 1"=6'



LAYDOWN STORM DRAIN PROFILE 2
SCALE: HORZ: 1"=30'
VERT: 1"=6'



PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

CITY OF TURLOCK

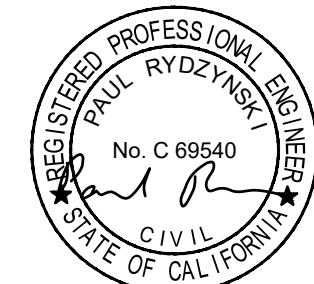
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REGISTRATION



BID SET
DATE: 2019-22-07

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I/R	DATE	DESCRIPTION

KEY PLAN

VERIFY SCALES

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ON ORIGINAL DRAWING

IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

PROJECT NUMBER

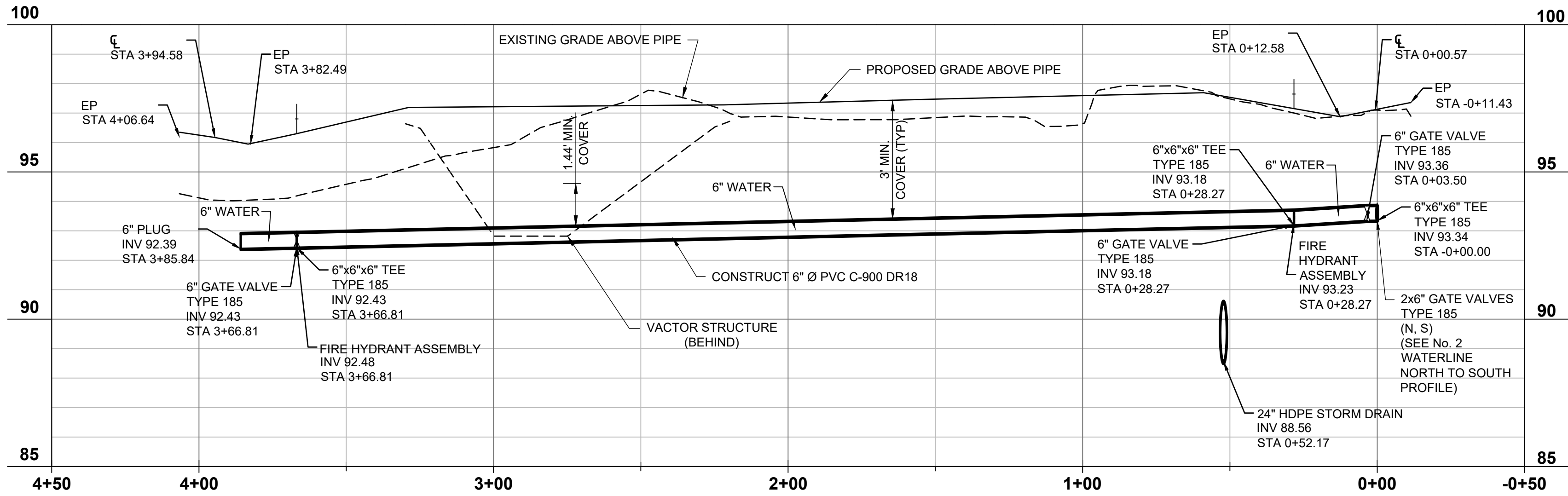
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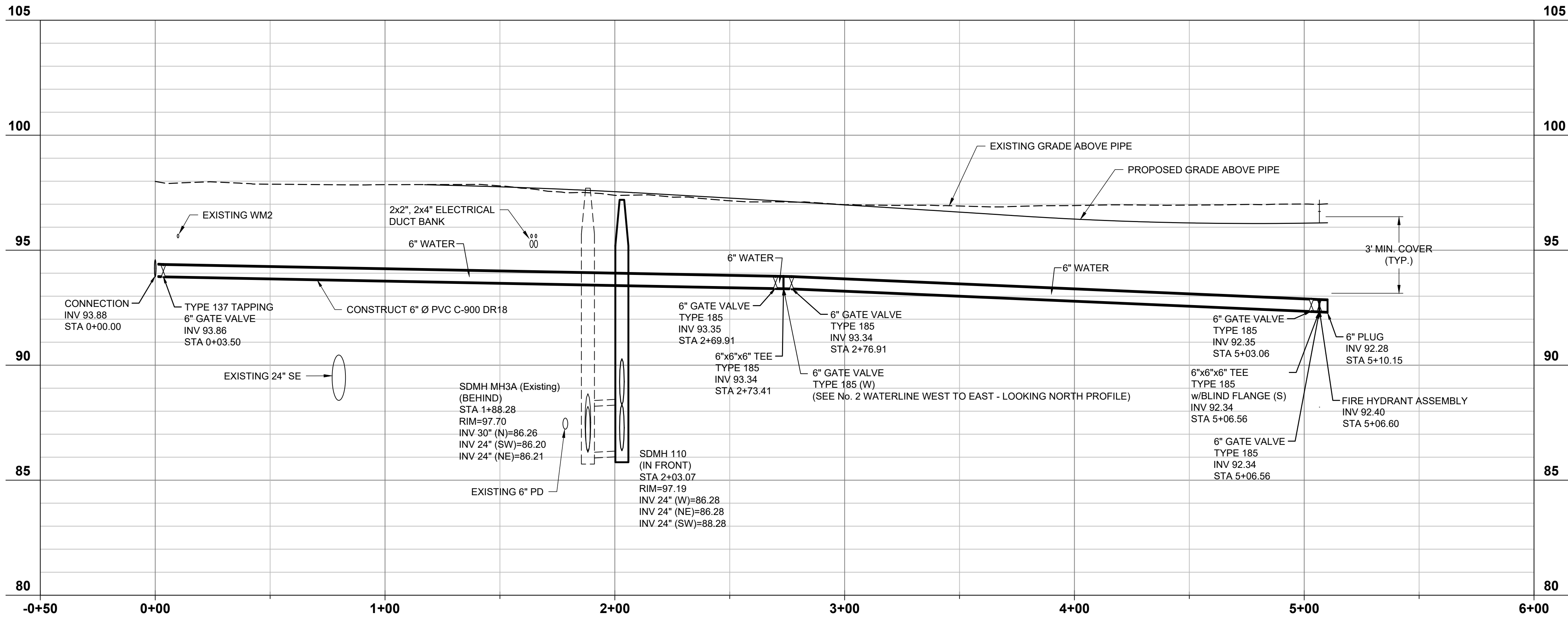
DRAINAGE PROFILES

SHEET NUMBER

C-302



RECYCLED WATERLINE WEST TO EAST PROFILE 1
SCALE: HORZ: 1"=30'
VERT: 1"=6'



RECYCLED WATERLINE NORTH TO SOUTH PROFILE 2
SCALE: HORZ: 1"=30'
VERT: 1"=6'



PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

CITY OF TURLOCK

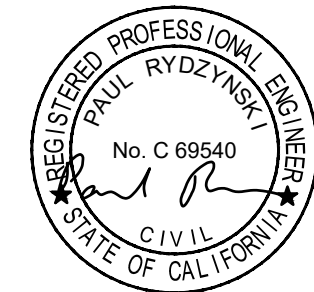
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SCALES ACCORDINGLY

PROJECT NUMBER

60563672

SHEET TITLE

WATER LINE PROFILES

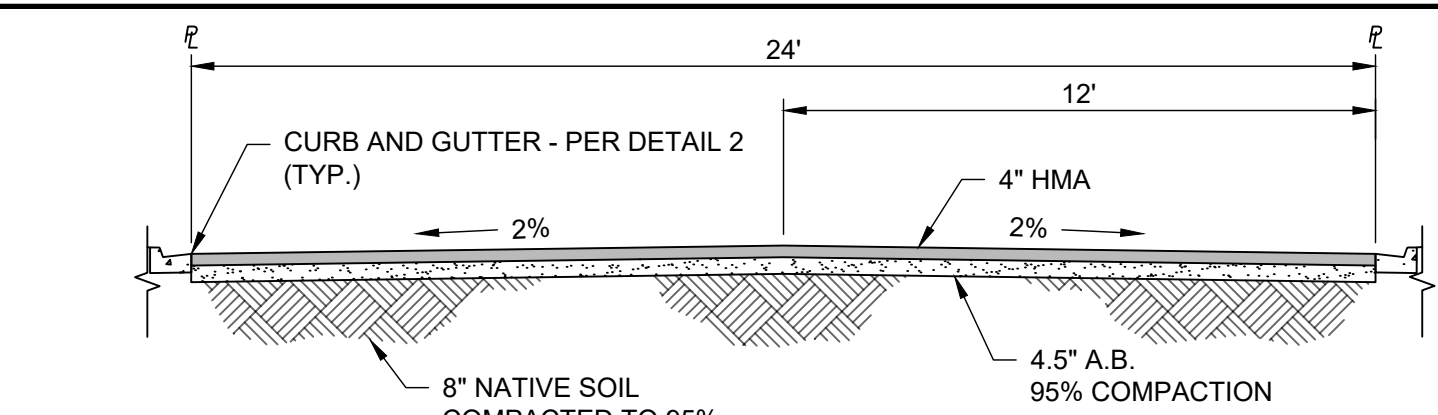
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C-303

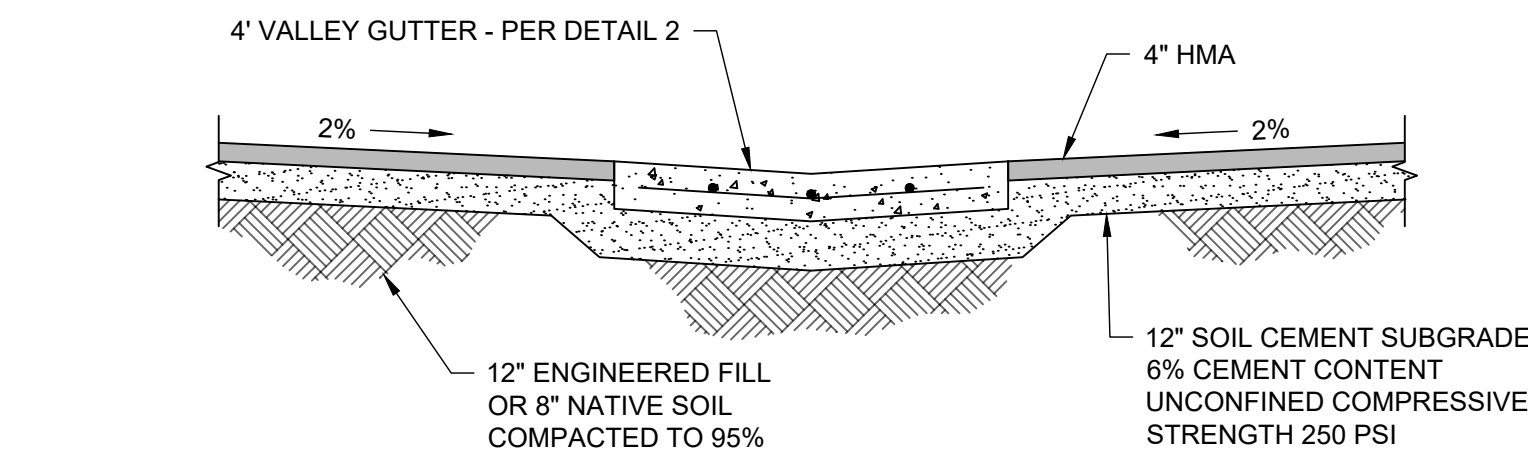
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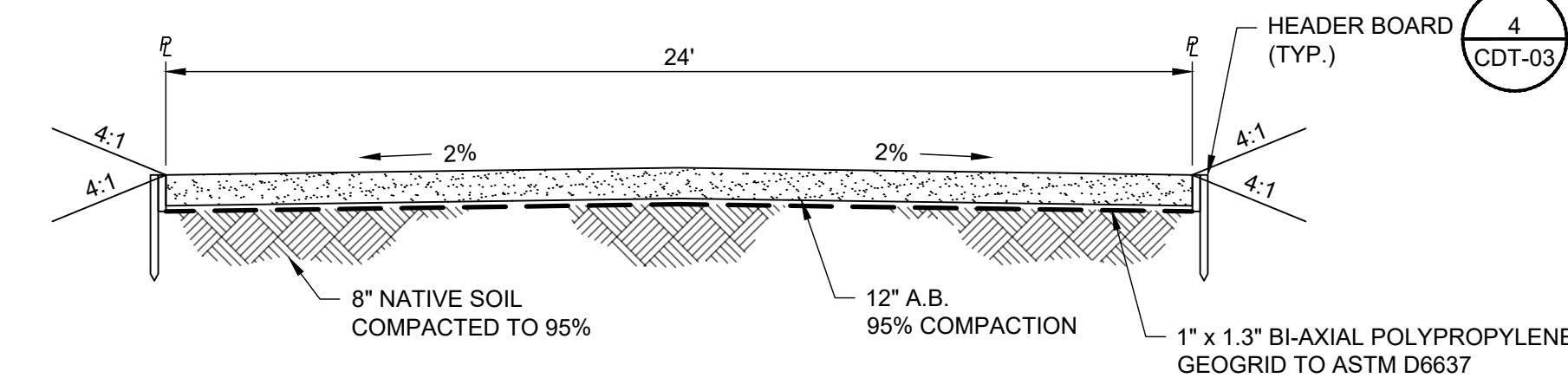
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ASPHALT ROADS TYPICAL SECTION



LAYDOWN AREA TYPICAL SECTION

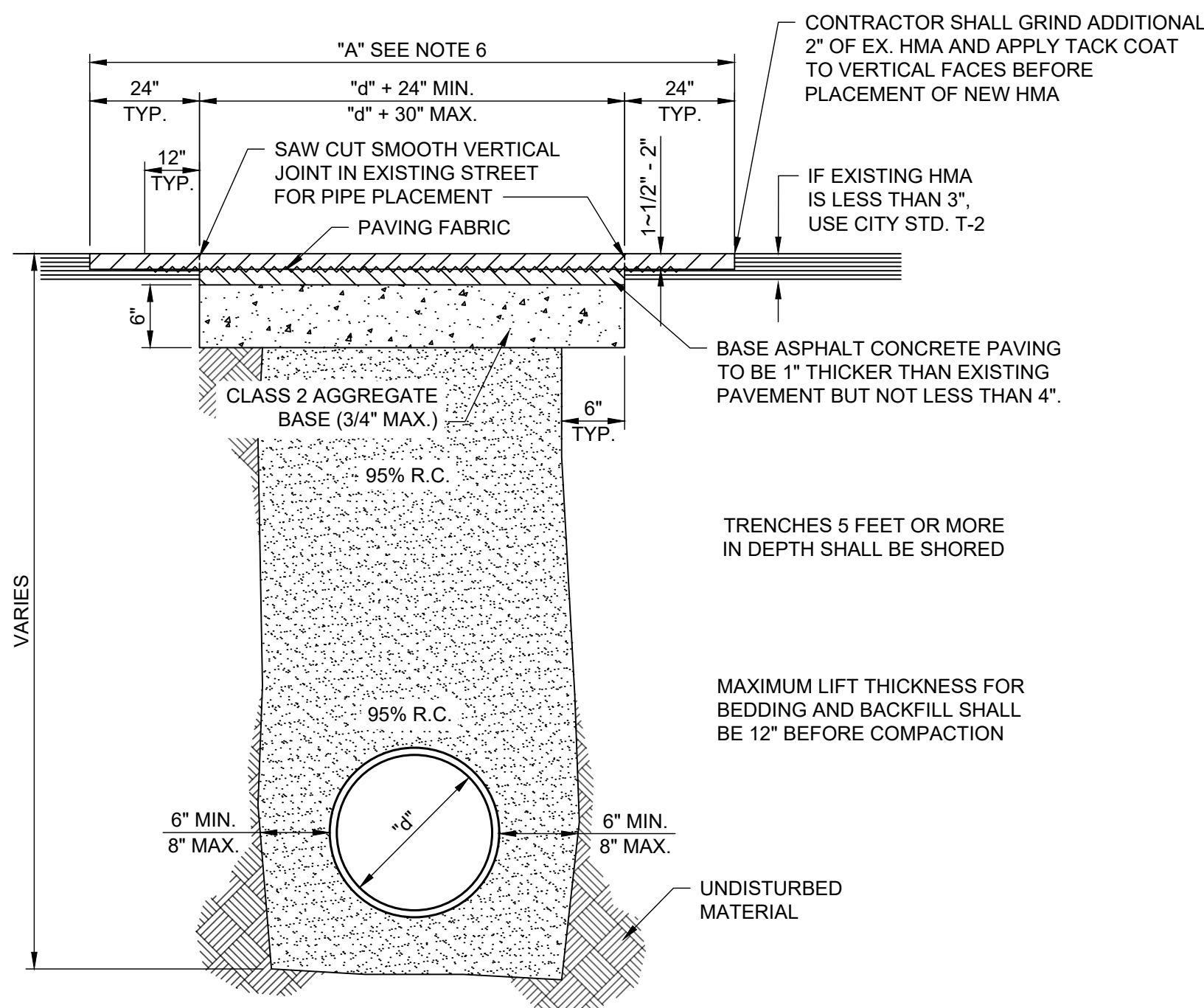


AGGREGATE BASE HAUL ROAD TYPICAL SECTION

TYPICAL PAVEMENT SECTIONS

SCALE: NONE

1



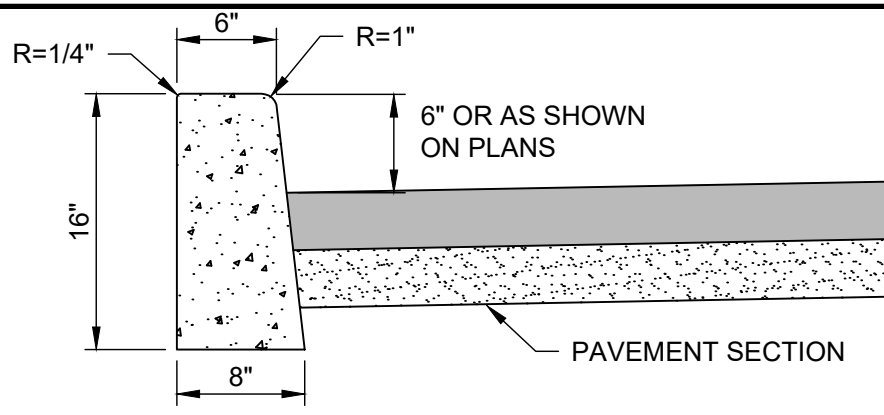
NOTES:

1. ALL BACKFILLED TRENCHES SHALL BE PAVED WITH TEMPORARY A.C. PAVEMENT AS DIRECTED IN THE FIELD BY THE CITY ENGINEER, UNTIL PERMANENT PAVEMENT IS PLACED.
2. BACKFILL SHALL BE NATIVE WITH COMPACTION TESTS, EXCEPT AS PROVIDED IN NOTE NO. 4.
3. COMPACTION TESTS SHALL BE APPROVED BY THE CITY BEFORE PAVING.
4. TRENCHES WHICH ARE 30" IN DEPTH OR LESS THAN 18" IN WIDTH OR LESS, SHALL BE BACKFILLED WITH TWO SACK CEMENT SLURRY.
5. IN LIEU OF COMPACTION TESTS, BACKFILL MAY BE TWO SACK CEMENT SLURRY.
6. FOR LONGITUDINAL TRENCHES OVER 150 FEET LONG, "A" SHALL BE 12 FEET MIN. AND SHALL BE DONE BY A PAVING MACHINE.
7. IN CASE OF REPAIRING A SECTION OF PIPE, ALL STEPS OF TRENCHING SHALL BE REPEATED.

TYPICAL TRENCH EXCAVATION AND BACKFILL

SCALE: NONE

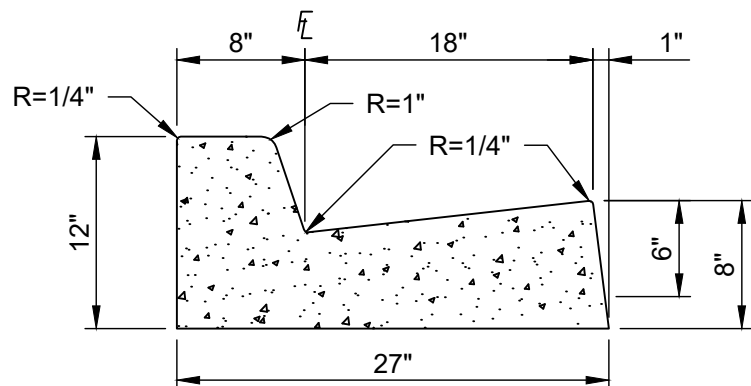
4



VERTICAL CURB

SCALE: NONE

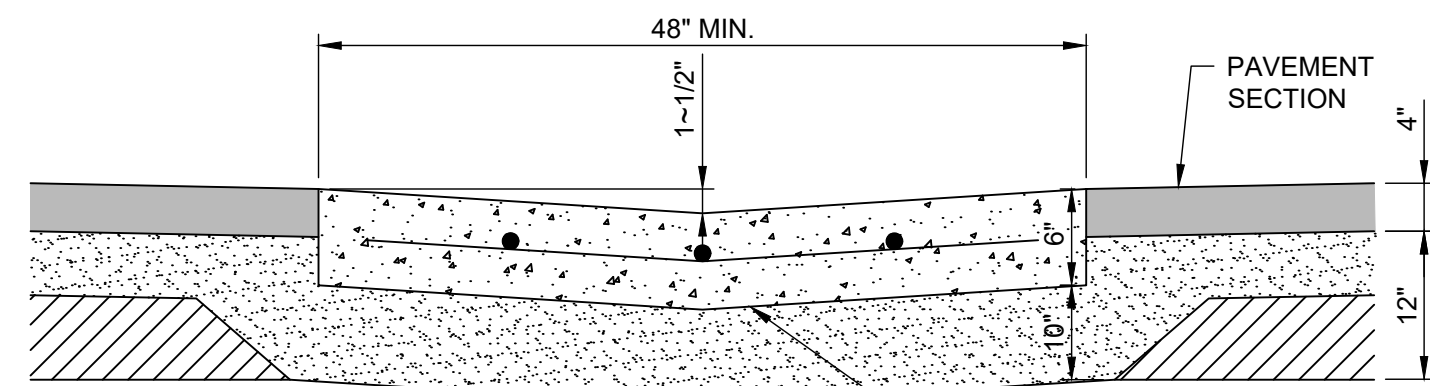
8



CURB AND GUTTER

SCALE: NONE

7



- SUBGRADE PREPARATION VARIES
10\"/>
- 6\"/>
- 6\" THICK CONCRETE WITH
#4 BARS AT 36\" O.C. AND
3 #4 BARS LONGITUDINAL
SUPPORT WITH CHAIRS
OR DOBIES

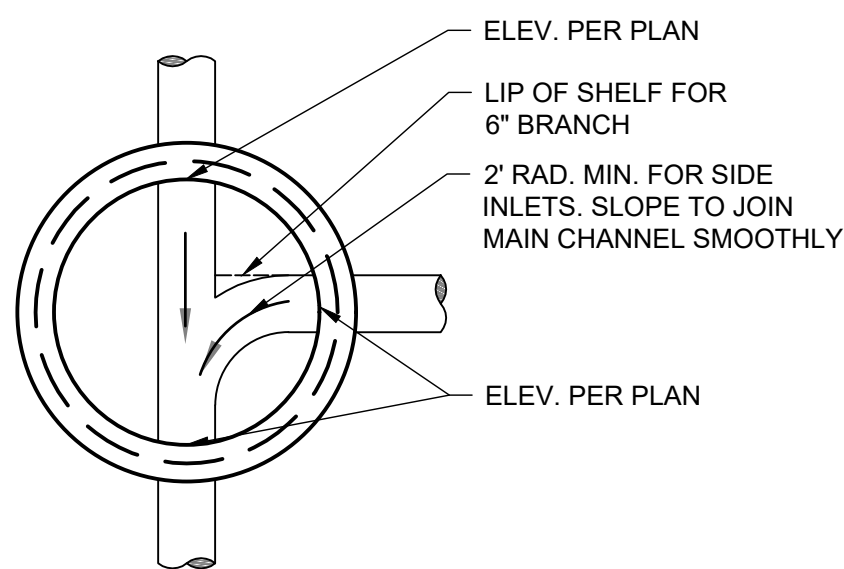
NOTES:

1. INSTALL WEAKENED PLANE JOINT AT 10' INTERVALS.
2. GUTTER FLOW LINES SHALL BE WATER TESTED FOR FLOW.
3. FLOW LINE OF GUTTERS SHALL SLOPE AT 0.20% MIN., UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

VALLEY GUTTER

SCALE: NONE

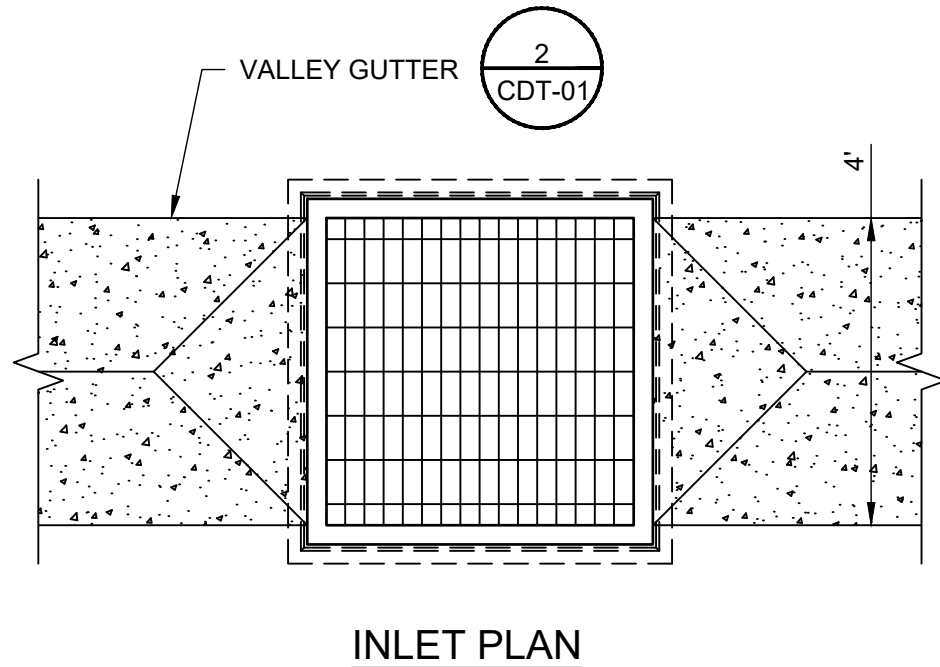
2



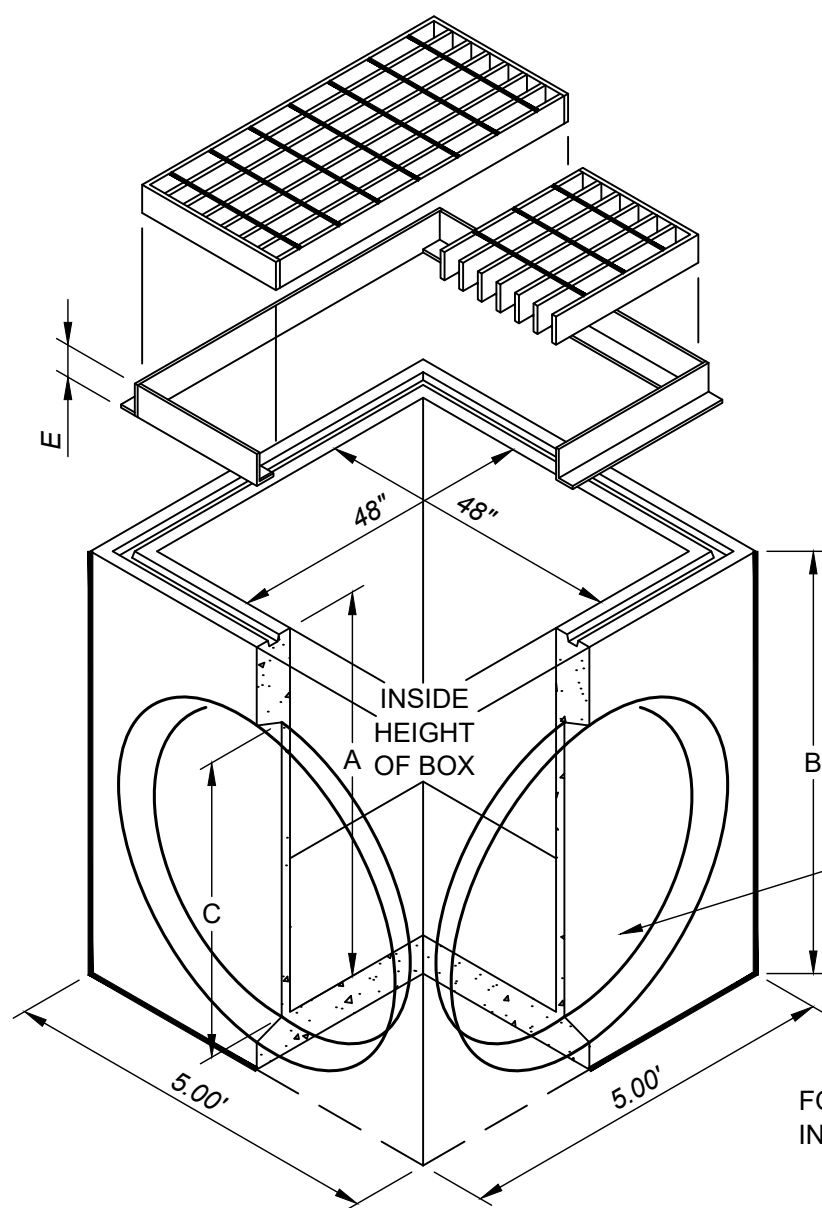
STANDARD MANHOLE

SCALE: NONE

5



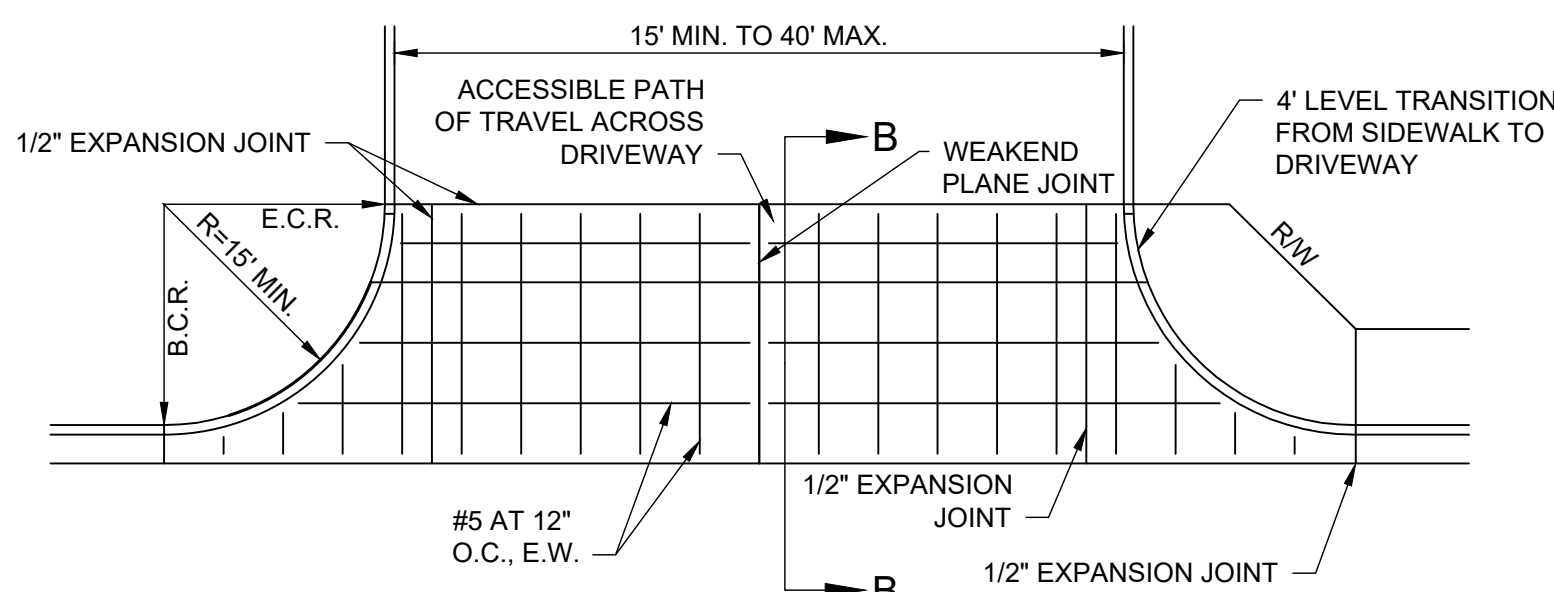
INLET PLAN



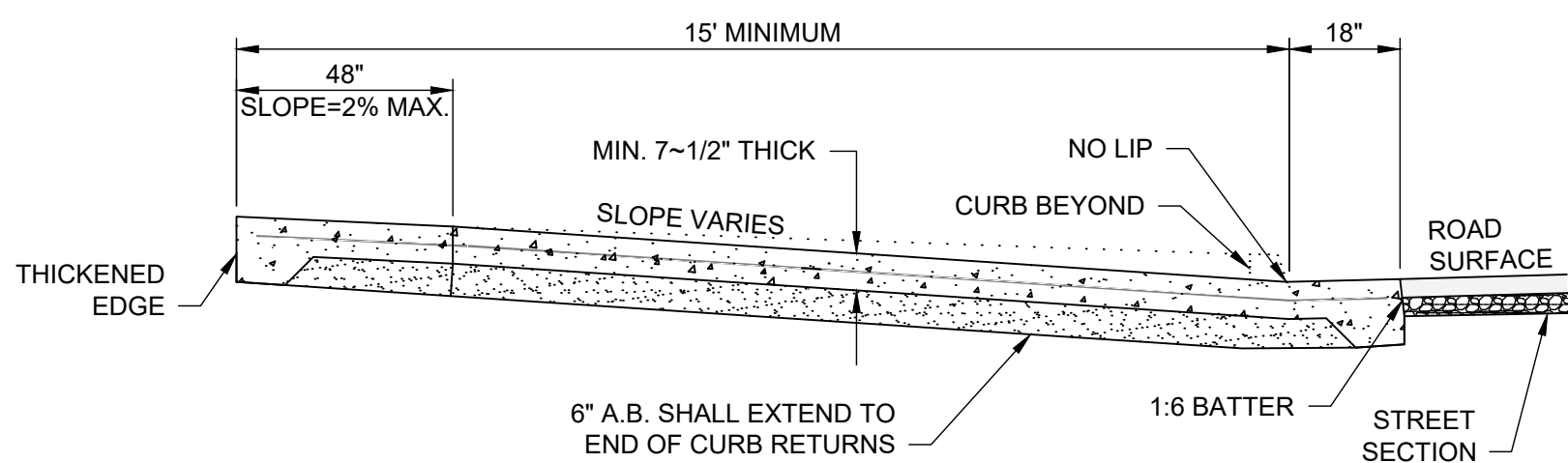
48"x48" DROP INLET (UP TO 6'-0" INSIDE DEPTH)

SCALE: NONE

6



PLAN



SECTION B-B

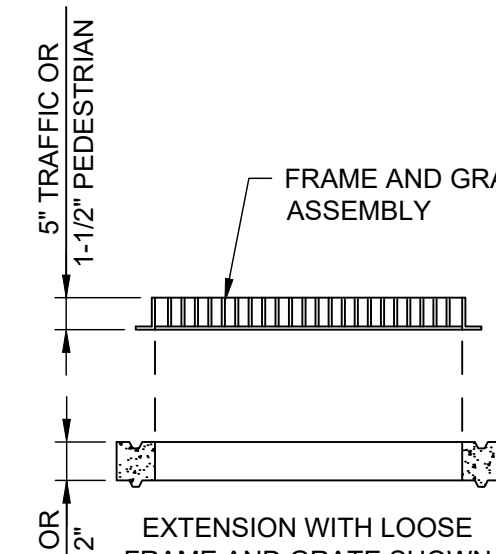
NOTES:

1. SUB-GRADE COMPACTION SHALL BE 95%.
2. CONCRETE SURFACE SHALL BE TROWELED SMOOTH AND HAIR BROOMED.
3. CONCRETE CURING SHALL BE PER CURRENT CALTRANS SPECIFICATIONS.
4. PROVIDE A WEAKENED PLANE JOINT OF 1~1/2" MINIMUM DEPTH AND 1/8" MAXIMUM WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER.

COMMERCIAL/INDUSTRIAL DRIVEWAY APPROACH

SCALE: NONE

3

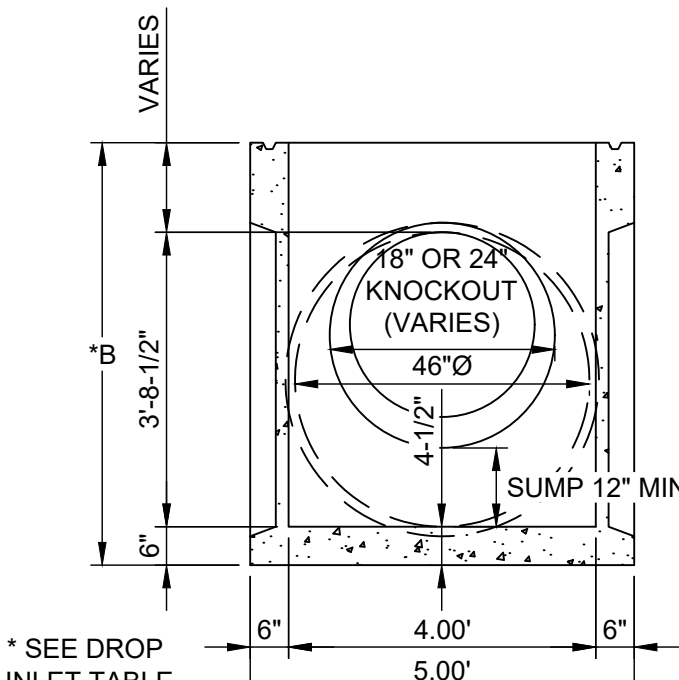


FRAME AND GRATING COVER

BOX DESIGN LOAD:
H-20 TRAFFIC

THIN WALL KNOCKOUTS.
36\"/>

FOR COMPLETE DESIGN, AND PRODUCT
INFORMATION, CONTACT JENSEN PRECAST.



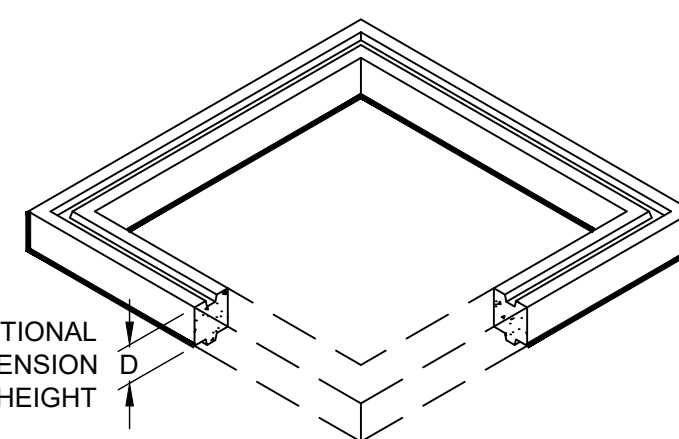
SECTION 48"x48" DROP INLET

FRAME AND GRATE			
MODEL NO.	RATING	E	WEIGHT
FG4848P	PEDESTRIAN	1 1/2"	242 LBS.
FG4848I	TRAFFIC	5"	1000 LBS.

DROP INLET			
MODEL NO.	A	B	BOX WEIGHT
DI484848*	48"	54"	4995 LBS.
DI484860	60"	66"	6433 LBS.
DI484872	72"	78"	7872 LBS.

*MAX. KNOCKOUT SIZE 36"Ø.

EXTENSION		
MODEL NO.	D	WEIGHT
RS484806	6"	675 LBS.
RS484812	12"	1350 LBS.



AECOM

PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
901 SOUTH WALNUT ROAD
TURLOCK, CALIFORNIA 95380

CLIENT

CITY OF TURLOCK

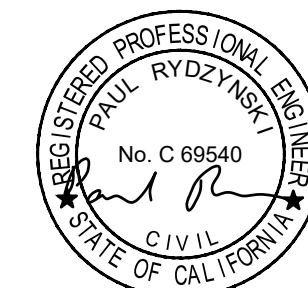
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REGISTRATION



BID SET

DATE: 2019-22-07

ISSUE/REVISION

I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

SHEET TITLE

DETAILS 1
PAVEMENT AND DRAINAGE

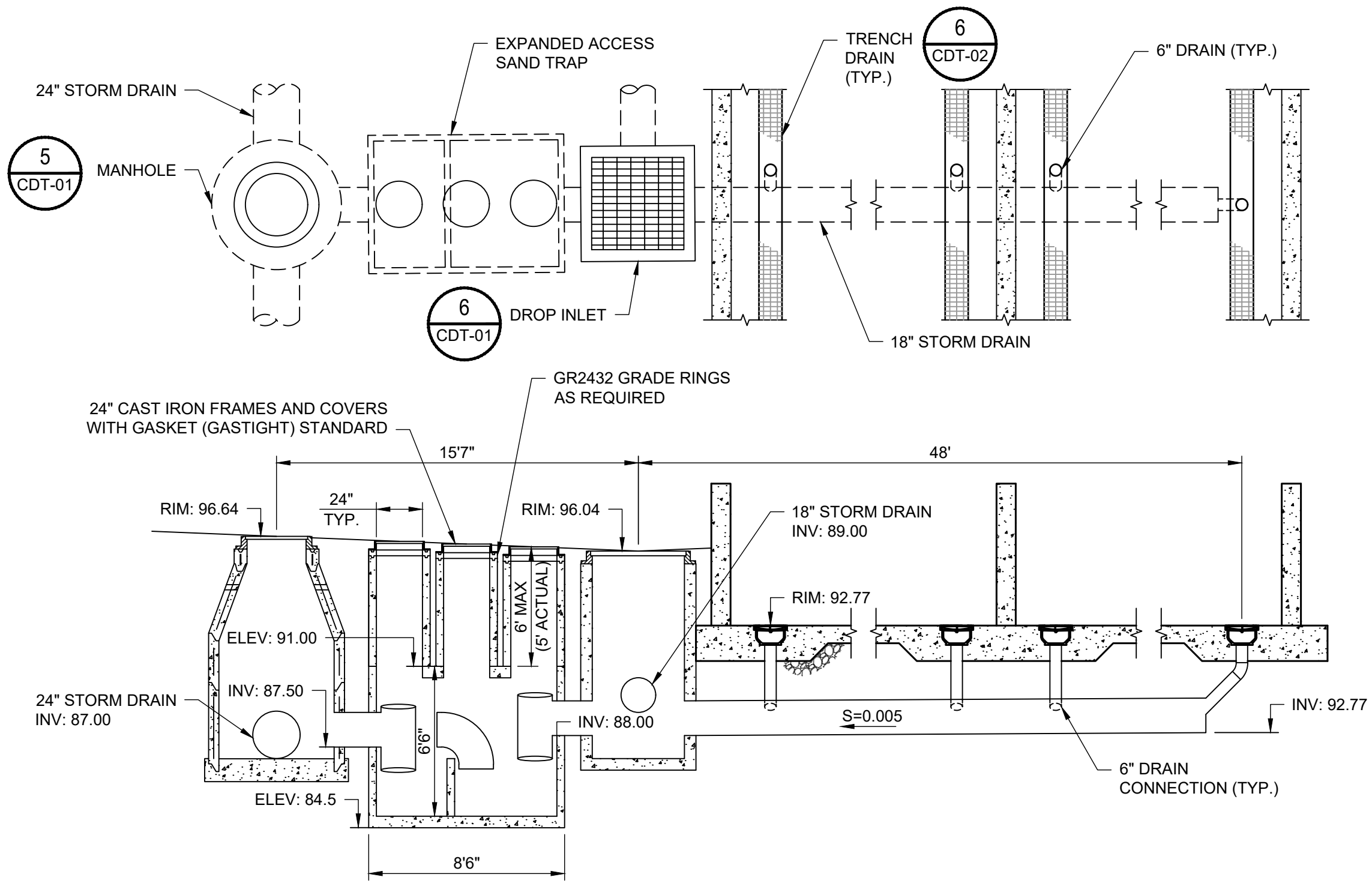
SHEET NUMBER

CDT-01

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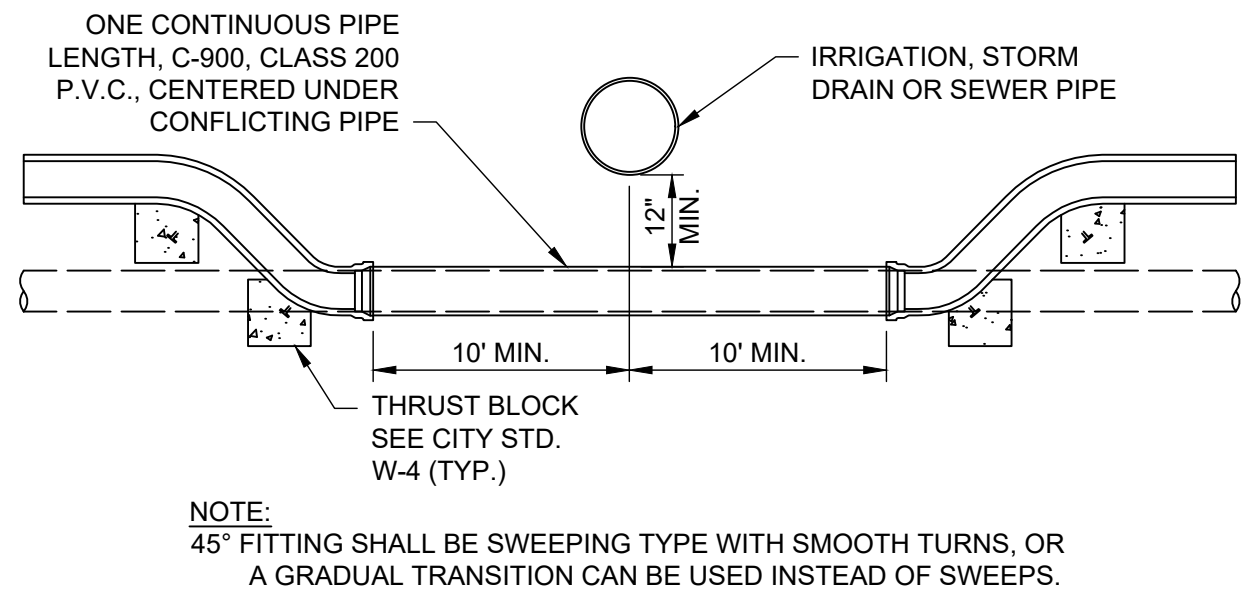
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NOTES:
DESIGN LOAD: H-20 TRAFFIC WITH DRY SOIL CONDITIONS (WATER LEVEL BELOW TANK.)
SUITABLE SUB-BASE BEDDED WITH GRANULAR MATERIAL SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS.

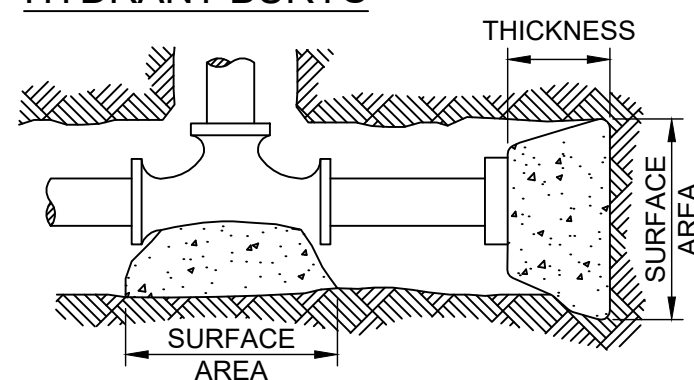
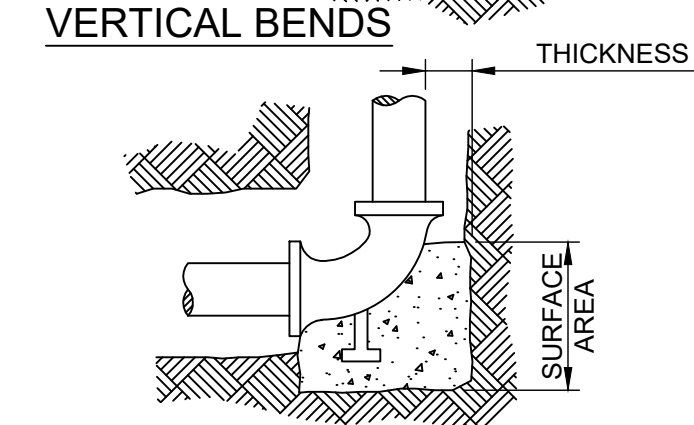
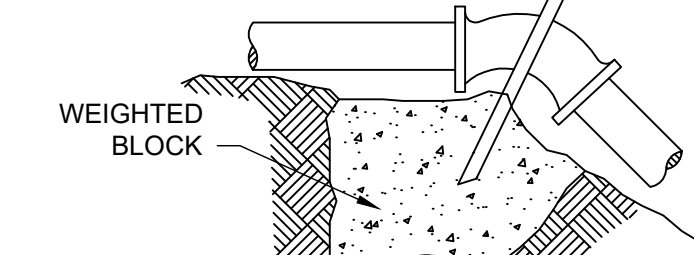
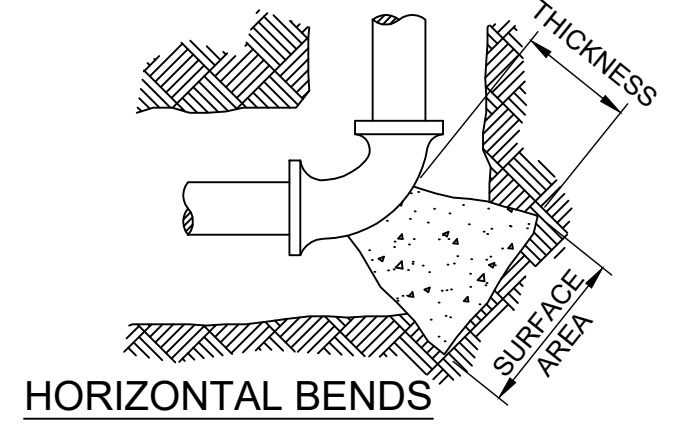
EXPANDED ACCESS SAND TRAP
SCALE: NONE

1
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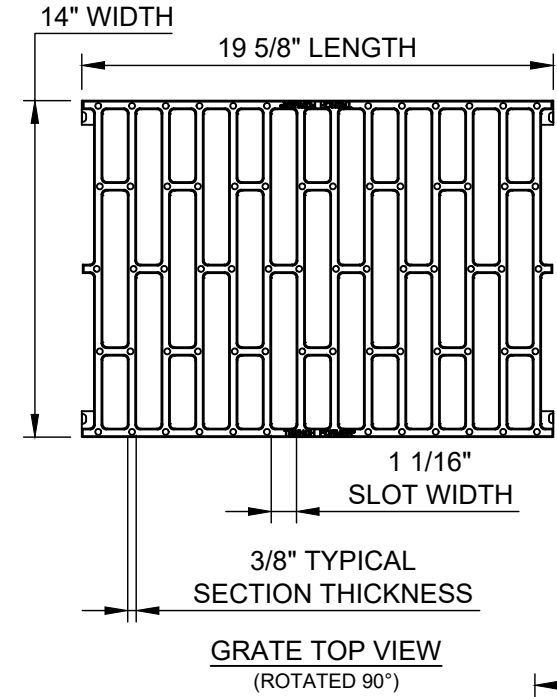
STANDARD WATER UNDER CROSSING
SCALE: NONE

2
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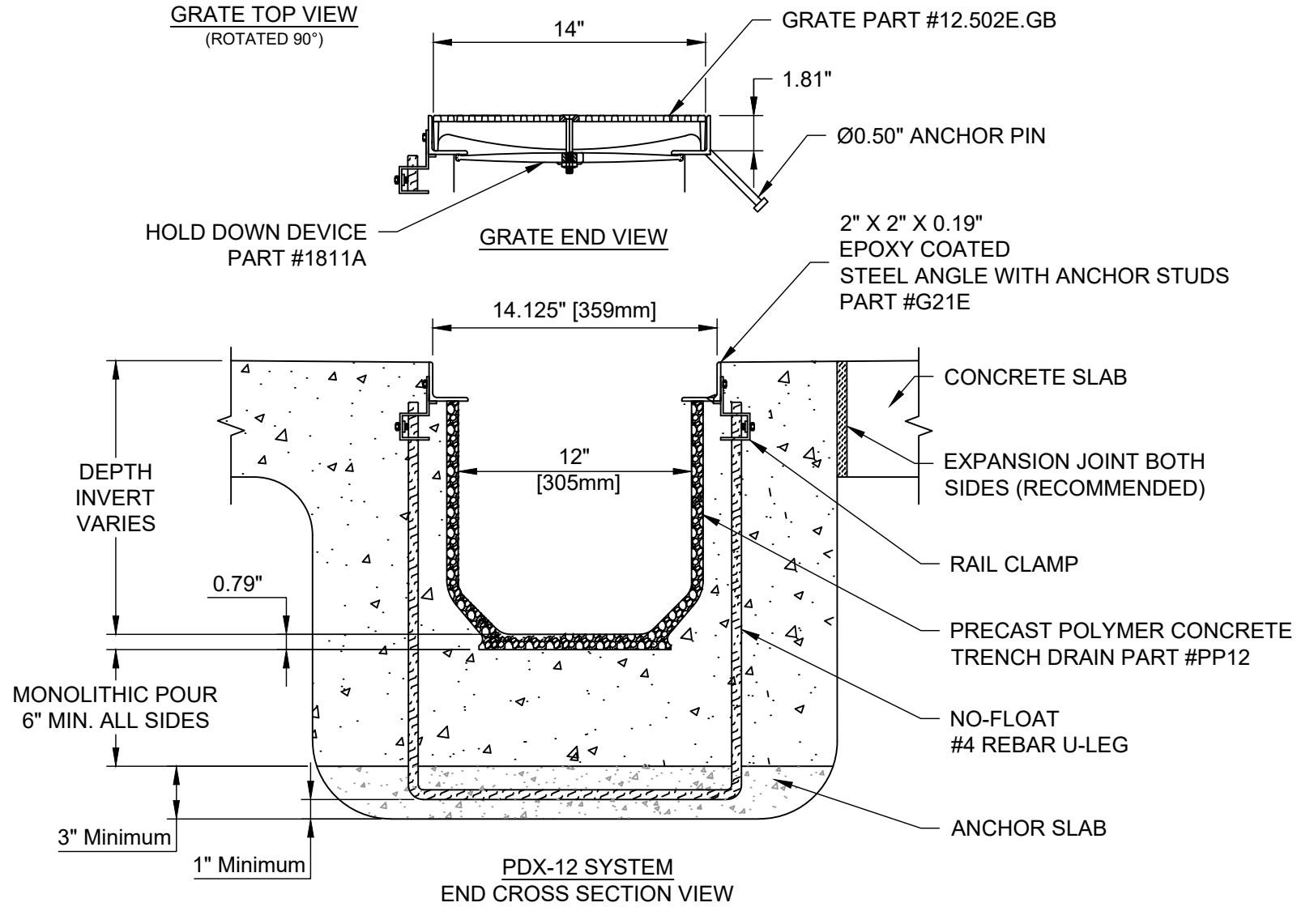


THRUST BLOCKS
SCALE: NONE

3
—

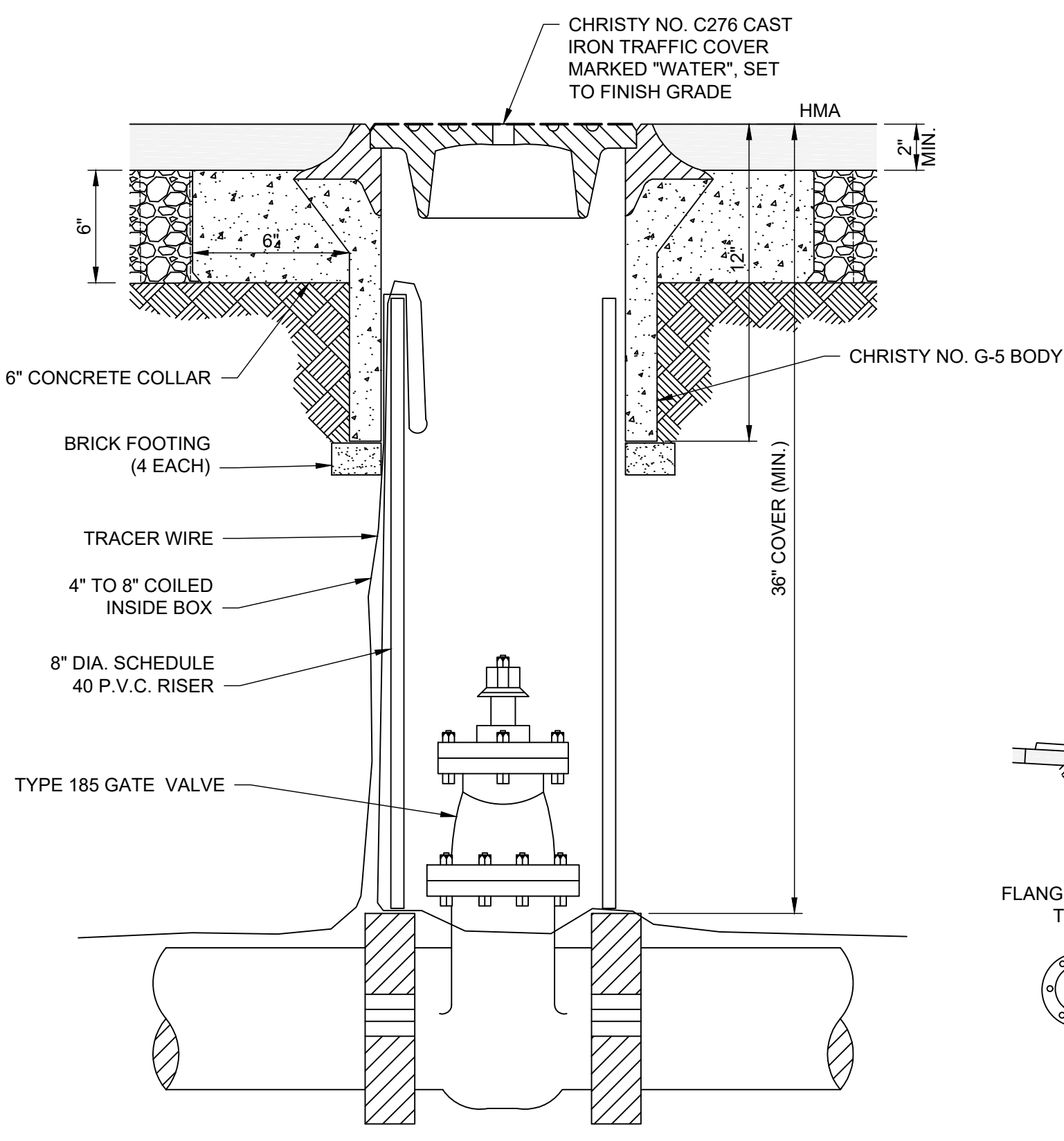


PLAN NOTES
1. SERIES NUMBER: PP12-12.502E.GB-G21E
2. GRATES:
• DUCTILE IRON PER ASTM A536-84 GRADE 80-55-06 OPEN AREA: 0.81 FT² PER LINEAL FOOT [0.091 M² PER LINEAL METER]
• LOAD RATING: 620 PSI (AASHTO M-306 TEST METHOD)
• MADE IN THE USA
3. FORM RELEASE: NON-PETROLEUM BASED
4. CONCRETE: CONCRETE THICKNESS AND REINFORCEMENT PER STRUCTURAL ENGINEER'S SPECIFICATION FOR THE APPLICATION.



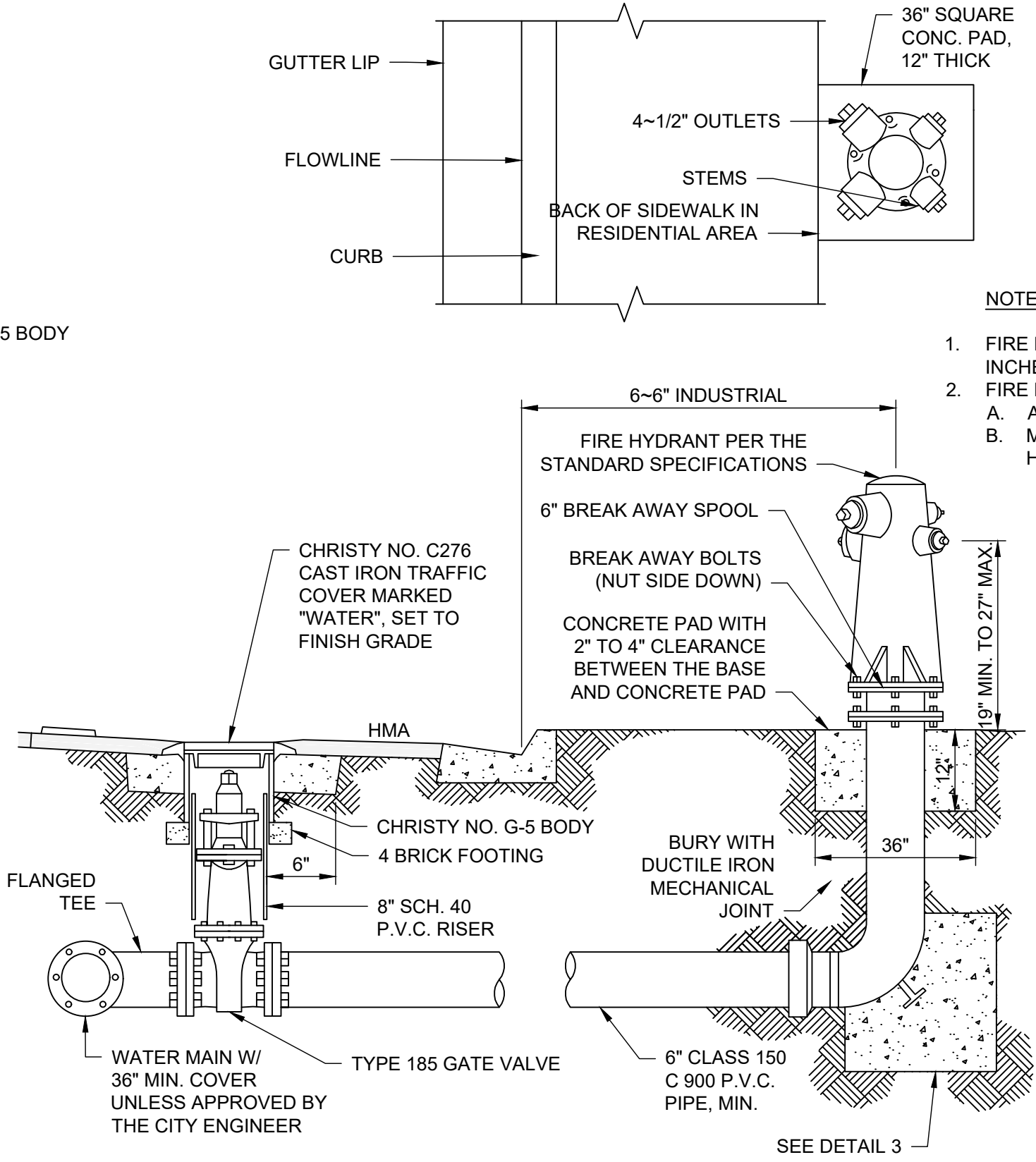
TRENCH DRAIN DETAIL
SCALE: NONE

6
—



TYPICAL LINE VALVE
SCALE: NONE

4
—



FIRE HYDRANT ASSEMBLY
SCALE: NONE

5
—



PROJECT

DRIED SOLIDS
STORAGE AREA
CITY PROJECT No. 19-33

(REGIONAL WATER QUALITY CONTROL
FACILITY (RWQCF))
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CLIENT

CITY OF TURLOCK

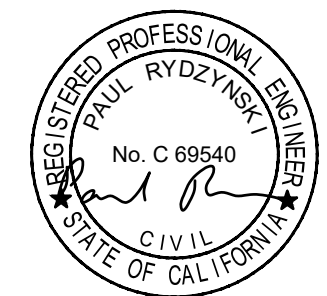
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REGISTRATION



BID SET
DATE: 2019-22-07

ISSUE/REVISION

1	2019-03-01	90% SUBMITTAL
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60563672

SHEET TITLE

DETAILS 2
SAND TRAP, PIPING, HYDRANT
AND TRENCH DRAIN

SHEET NUMBER

CDT-02

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