

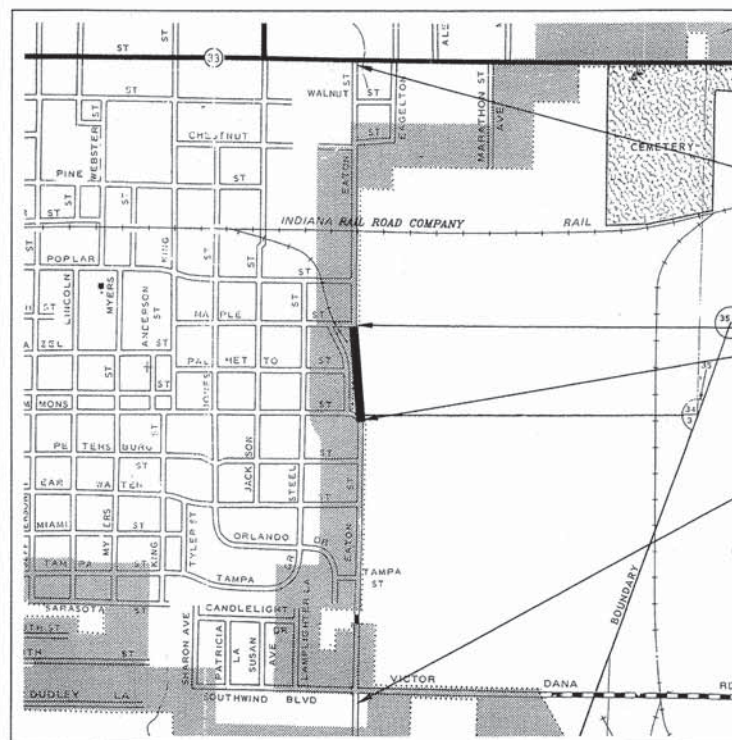
01-15-2016 LETTING ITEM 121

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PLANS FOR PROPOSED
 STU, EDP AND TARP PROJECT
 CITY OF ROBINSON
 CRAWFORD COUNTY
 SECTION 11-00074-00-PV
 F.A.U. 8311 & 8326
 EATON STREET
 PROJECT M-5060(009)
 JOB NO. C-97-088-12



DESIGN SPEED = 30 M.P.H.
 FUNCTIONAL CLASS - URBAN COLLECTOR
 ADT = 3,000

LOCATION MAP

APPROXIMATE SCALE: 1 INCH = 800 FEET
 TOTAL LENGTH = 4,711 FEET = 0.892 MILES
 OMISSION @ RAILROAD = 9 FEET = 0.002 MILES
 NET LENGTH = 4,702 FEET = 0.890 MILES

TOLL FREE JOINT UTILITY LOCATING
 INFORMATION FOR EXCAVATORS (J.U.L.I.E.)
 TELEPHONE NO. 1-800-892-0123

CONNOR & CONNOR, INC.
 PROFESSIONAL DESIGN FIRM #184-000832



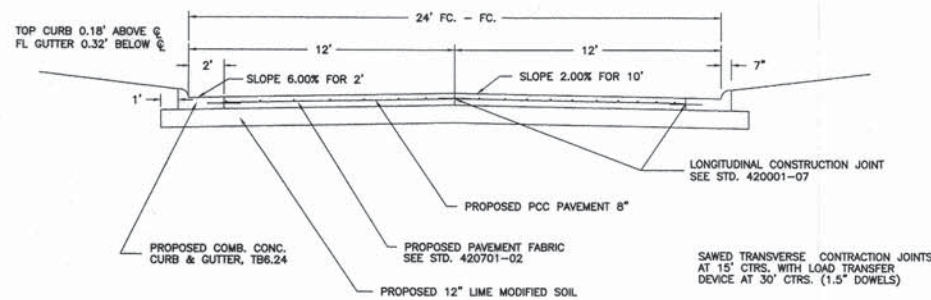
John A. Connor
 ILLINOIS REGISTERED PROFESSIONAL ENGINEER # 55012
 LICENSE EXPIRES NOVEMBER 30, 2015
 04/20/2015

ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED: <u>4-22-2015</u>	
<i>Roger Pettit</i>	CITY OF ROBINSON, MAYOR
PASSED: <u>5-29-15</u>	
<i>Marcus East</i>	DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW <u>5-29-15</u>	
<i>Roger K. Drishell</i>	DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	CODE NO.	QUANTITY	UNIT	ITEM	CODE NO.
4.1	ACRE	SEEDING, CLASS 1 (SPECIAL)	X2500900	10	FOOT	PIPE DRAINS 8"	60100925
17	TON	AGGREGATE DITCH (SPECIAL)	X2830495	45	FOOT	PIPE DRAINS 12"	60100945
3	EACH	INLETS, TYPE A, SPECIAL FRAME AND GRATE	X6023508	2	EACH	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	60218300
1	EACH	INLETS, TYPE B, WITH FRAME AND GRATE, SPECIAL	X6024504	2	EACH	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	60218400
1	L SUM	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	X7010216	3	EACH	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	60221000
8	FOOT	CONCRETE GUTTER REMOVAL & REPLACEMENT	XX004041	6	EACH	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	60221100
1	L SUM	RAILROAD PROTECTIVE LIABILITY INSURANCE	Z0048665	5	EACH	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	60223700
4,320	CU YD	EARTH EXCAVATION	20200100	2	EACH	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	60223800
453.8	CU YD	TRENCH BACKFILL	20800150	3	EACH	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	60224446
20	TON	AGGREGATE DITCH CHECKS	28000315	1	EACH	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	60234200
952	FOOT	PERIMETER EROSION BARRIER	28000400	1	EACH	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	60235300
91	EACH	INLET AND PIPE PROTECTION	28000500	10	EACH	INLETS, TYPE A, TYPE 8 GRATE	60236200
15,344	SQ YD	PROCESSING MODIFIED SOIL 12"	30200650	13	EACH	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	60235700
384	TON	LIME	30201500	1	EACH	INLETS, TYPE A, TYPE 15 FRAME AND LID	60237000
200	TON	SUB-BASE GRANULAR MATERIAL, TYPE C	31101900	8	EACH	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	60240210
115	TON	AGGREGATE BASE COURSE, TYPE B	35101400	5	EACH	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	60240215
722	POUND	BITUMINOUS MATERIALS (PRIME COAT)	40000025	18	EACH	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	60240220
54	TON	INCIDENTAL HOT-MIX ASPHALT SURFACING	40800050	2	EACH	INLETS, TYPE B, TYPE 8 GRATE	60240301
12,373	SQ YD	PORTLAND CEMENT CONCRETE PAVEMENT 8"	42000300	9	EACH	MANHOLES TO BE ADJUSTED	60255500
12,373	SQ YD	PAVEMENT FABRIC	42001200	2	EACH	MANHOLES TO BE RECONSTRUCTED	60257900
1,777	SQ YD	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	42300200	6	EACH	REMOVING INLETS	60500060
1,020	SQ YD	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	42300400	8.9	CU YD	CLASS SI CONCRETE (OUTLET)	60600095
84	SQ FT	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	42400100	12,116	CU YD	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	60605000
6	SQ FT	DETECTABLE WARNINGS	42400800	172	FOOT	GUARDRAIL REMOVAL	63200310△
14,746	SQ YD	PAVEMENT REMOVAL	44000100	15	CU YD	NON-SPECIAL WASTE DISPOSAL	66900200△
1,971	SQ YD	DRIVEWAY PAVEMENT REMOVAL	44000200	1	L SUM	SPECIAL WASTE PLANS AND REPORTS	66900450△
296	FOOT	GUTTER REMOVAL	44000400	1	EACH	SOIL DISPOSAL ANALYSIS	66900530△
137	FOOT	COMBINATION CURB AND GUTTER REMOVAL	44000500	1	L SUM	MOBILIZATION	67100100
16	SQ FT	SIDEWALK REMOVAL	44000600	122.4	SQ FT	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	78001100△
1821	FOOT	PIPE CULVERT REMOVAL	50105220	1340	FOOT	PAINT PAVEMENT MARKING - LINE 4"	78001110△
1	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	54213660	176	FOOT	PAINT PAVEMENT MARKING - LINE 12"	78001150△
1	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	54213663	72	FOOT	PAINT PAVEMENT MARKING - LINE 24"	78001180△
5	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	54213669				
2	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	54214515				
1	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	54214521				
72	FOOT	PIPE CULVERTS, CLASS A, TYPE 1 24"	542A0229				
718	FOOT	STORM SEWERS, CLASS A, TYPE 1 12"	550A0050				
1,238	FOOT	STORM SEWERS, CLASS A, TYPE 1 15"	550A0070				
977	FOOT	STORM SEWERS, CLASS A, TYPE 1 18"	550A0090				
387	FOOT	STORM SEWERS, CLASS A, TYPE 1 24"	550A0120				
277	FOOT	STORM SEWERS, CLASS A, TYPE 1 30"	550A0140				
515	FOOT	STORM SEWERS, CLASS A, TYPE 1 36"	550A0160				
64	FOOT	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	550A4100				
650	FOOT	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	550A4300				
54	FOOT	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	550A4500				
60	FOOT	STORM SEWER REMOVAL 12"	55100500				
80	FOOT	STORM SEWER REMOVAL 18"	55100900				
57	FOOT	STORM SEWER REMOVAL 36"	55101600				

△ SPECIALTY ITEMS

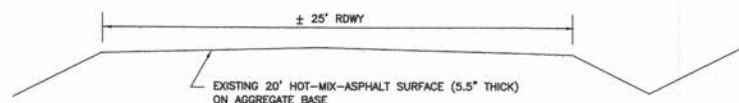


TYPICAL SECTION OF PROPOSED STREET

EATON STREET FROM ILLINOIS RT. 33 TO SOUTHWIND BLVD.

PAVEMENT DESIGN

2013 A.D.T. = 3000, 2023 A.D.T. = 3350, P. = 3170, S.U. = 150,
M.U. = 30, CLASS II STREET (80,000# DESIGN), T.F. = 0.38,
PAVEMENT STRUCTURE: P.C.C. PAVEMENT 8 IN. WITH COMBINATION CURB & GUTTER,
12" LIME MODIFIED, TRANSVERSE JOINTS @ 15 FT. SPACING



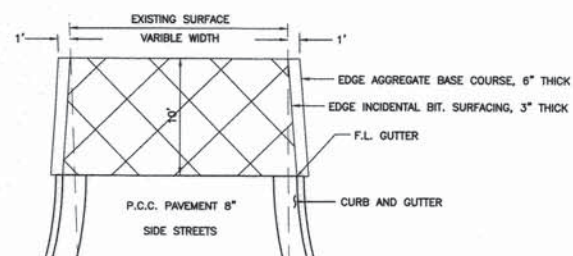
TYPICAL CROSS SECTION OF EXISTING ROADWAY

GENERAL NOTES

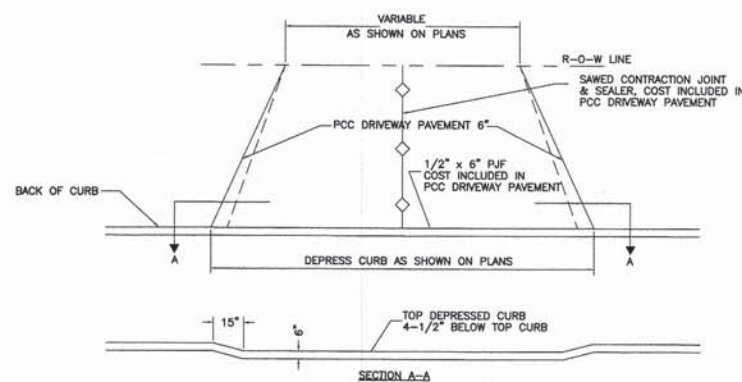
- ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012.
- ALL AREAS DISTURBED FOR ANY REASON WITHIN THE CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 1 SEEDING (SPECIAL). AREAS DISTURBED BEYOND THE CONSTRUCTION LIMITS SHALL BE SEEDED BY THE AT HIS/HERS EXPENSE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL COORDINATE WITH RESIDENTS PRIOR TO REMOVAL AND REPLACEMENT OF DRIVEWAYS.
- THE TOP 6 INCHES OF ALL NECESSARY BACKFILL SHALL BE FREE FROM ALL ROCKS OR FOREIGN MATERIAL.
- ALL EXISTING SIGNS WHICH INTERFERE WITH THE IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED AT THEIR PERMANENT LOCATION AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

RAILROAD NOTES

- ALL SHORING SYSTEMS THAT IMPACT THE RAILROAD'S OPERATION AND/OR SUPPORT THE TRACK ROADBED SHALL BE DESIGNED AND CONSTRUCTED PER CURRENT RAILROAD GUIDELINES FOR TEMPORARY SHORING. REFER TO THE CURRENT "AREMA" GENERAL SHORING REQUIREMENTS. SHORING SYSTEM PLANS ARE TO BE SIGNED AND SEALED BY A LICENSED ENGINEER AND SHALL BE REVIEWED AND APPROVED BY THE RAILROAD PRIOR TO ANY CONSTRUCTION ACTIVITIES. ANY EXCAVATION ON RAILROAD RIGHT OF WAY IS TO BE PROPERLY FENCED AND SECURED WHILE IT IS OPEN. EXCAVATED AREAS ARE TO BE PROPERLY BACKFILLED AND RESTORED TO ORIGINAL CONDITIONS TO THE SATISFACTION OF THE RAILROAD.
- WORK OVER THE RAILROAD RIGHT OF WAY SHALL BE DESIGNED TO CAUSE NO INTERRUPTION TO THE TO THE RAILROAD'S OPERATIONS, ENABLING THE TRACK TO REMAIN OPEN TO TRAFFIC PER RAILROAD'S REQUIREMENTS. WORK ACROSS RAILROAD RIGHT OF WAY MAY NOT OCCUR UNTIL NOTIFICATION IS RECEIVED FROM THE ASSIGNED RAILROAD FLAGMAN THAT A SUFFICIENT WINDOW OF TRACK TIME IS AVAILABLE.
- RAILROAD REQUIREMENTS DO NOT ALLOW WORK WITHIN 50 FEET OF TRACK CENTERLINE WHEN A TRAIN OR RAILROAD EQUIPMENT PASSES THE WORK SITE AND ALL PERSONNEL MUST CLEAR THE AREA WITHIN 25 FEET OF THE TRACK CENTERLINE AND SECURE ALL EQUIPMENT.
- MINIMUM TEMPORARY CONSTRUCTION CLEARANCES ARE TO BE 13'-0" HORIZONTAL TO TRACK CENTERLINE AND 22'-0" VERTICAL ABOVE TRACK TOP OF RAIL.
- ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSING.
- EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND PROPERLY MAINTAINED TO THE SATISFACTION OF THE RAILROAD DURING CONSTRUCTION TO PREVENT SILTATION FROM OCCURRING ON RAILROAD RIGHT OF WAY. SUCH MEASURES SHALL BE SUBJECT TO REVIEW AND APPROVAL OF THE RAILROAD.
- EXISTING RAILROAD RIGHT OF WAY INCLUDING THE TRACK STRUCTURE AND DITCHES ARE TO REMAIN FREE OF DEBRIS, MATERIAL, MUD, SILTATION, DAMAGE, ETC. DURING CONSTRUCTION ACTIVITIES. RIGHT OF WAY AND TRACK STRUCTURE THAT BECOME FOULED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO ORIGINAL CONDITIONS TO THE SATISFACTION OF THE RAILROAD AT THE EXPENSE OF THE CONTRACTOR.



DETAIL OF AGGREGATE BASE COURSE AND INCIDENTAL BITUMINOUS SURFACING



DETAIL OF PRIVATE ENTRANCE

EARTHWORK SCHEDULE

EARTH EXCAVATION MAINLINE = 3,546 CU YD	EMBANKMENT MAINLINE = 1,987 CU YD
EARTH EXCAVATION EMMONS STREET = 61 CU YD	EMBANKMENT EMMONS STREET = 22 CU YD
EARTH EXCAVATION PALMETTO STREET = 26 CU YD	EMBANKMENT PALMETTO STREET = 41 CU YD
EARTH EXCAVATION MAPLE STREET = 135 CU YD	EMBANKMENT MAPLE STREET = 10 CU YD
EARTH EXCAVATION OUTFALL DITCH = 552 CU YD	TOTAL EMBANKMENT = 2,060 CU YD
TOTAL EARTH EXCAVATION = 4,320 CU YD	
EARTH EXCAVATION ADJUSTED 25% = 3,240 CU YD	
TOTAL EMBANKMENT = 2,060 CU YD	
EXCESS EXCAVATION = 1,180 CU YD	

UTILITIES

GAS & ELECTRIC AMERENS CIPS 1-888-789-2477	WATER ROBINSON PALESTINE WATER COMM. 1-618-544-3188	SEWER CITY OF ROBINSON 1-618-544-8110	CABLE TELEVISION MADIACOM 1-800-874-2991	TOLL FREE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) 1-800-892-0123
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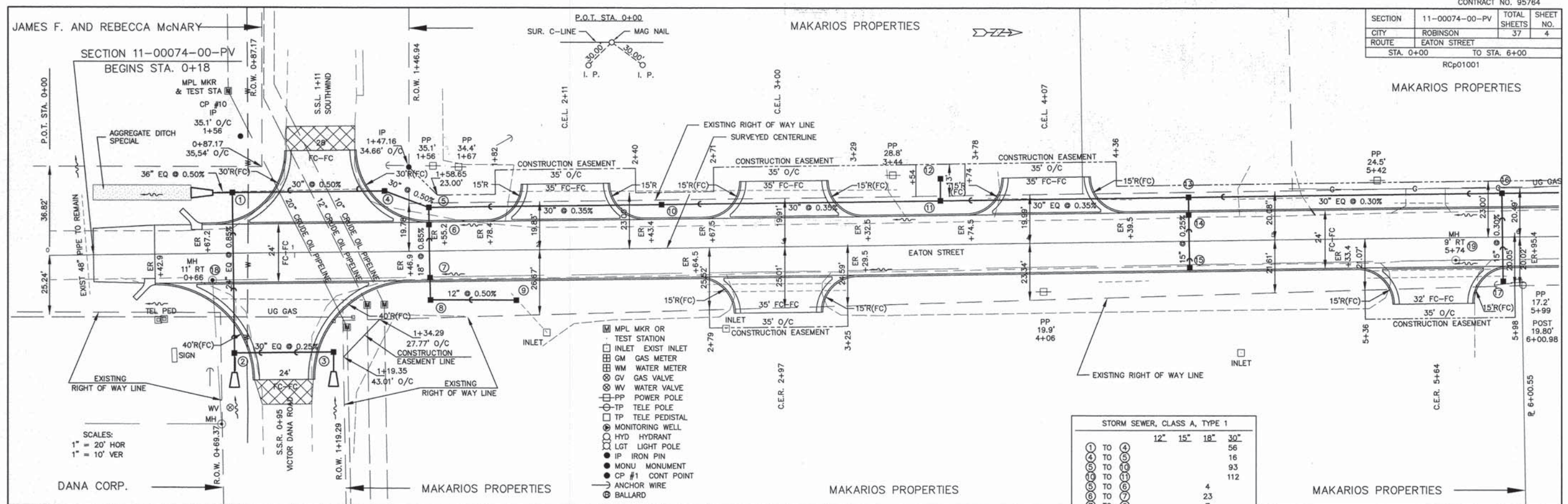
When the plans or special provisions include information pertaining to the location of underground utility facilities, such information represents only the opinion of the City of Robinson as to the location of such utilities and is only included for the convenience of the bidder.

PAINT PAVEMENT MARKING LINES

	4" LINES	12" LINES	24" LINES
(YELLOW) CENTERLINE STRIPE STA. 0+18 TO STA. 47+29	=	1180 FT	
(WHITE) STOP BARS S.S.R. STA. 0+95	=	16 FT	
S.S.L. STA. 1+11	=	16 FT	
S.S.L. STA. 9+38	=	14 FT	
S.S.L. STA. 14+83	=	14 FT	
S.S.L. STA. 18+26	=	14 FT	
S.S.L. STA. 21+82	=	16 FT	
S.S.L. STA. 25+15	=	16 FT	
S.S.L. STA. 28+50	=	12 FT	
S.S.L. STA. 31+70	=	16 FT	
S.S.R. STA. 38+94	=	14 FT	
S.S.R. STA. 42+46	=	14 FT	
S.S.R. STA. 45+40	=	14 FT	
(WHITE) RAILROAD X-ING STA. 35+28			72 FT
(YELLOW) RAILROAD X-ING STA. 35+28		160 FT	
TOTAL		1340 FT	176 FT 72 FT

(WHITE) RAILROAD X-ING STA. 35+28 LETTERS & SYMBOLS
RAILROAD "X" - 2 x 54 SQ FT = 108.0 SQ FT
RAILROAD "R" - 4 x 3.6 SQ FT = 14.4 SQ FT
TOTAL = 122.4 SQ FT

SECTION	11-00074-00-PV	TOTAL SHEETS	37
CITY	ROBINSON	SHEET NO.	4
ROUTE	EATON STREET		
STA. 0+00 TO STA. 6+00			
Rcp01001			



SCALES:
1" = 20' HOR
1" = 10' VER

- MPL MKR OR TEST STATION
- INLET EXIST INLET
- GM GAS METER
- WM WATER METER
- GV GAS VALVE
- WV WATER VALVE
- PP POWER POLE
- TP TELE POLE
- TP TELE PEDISTAL
- MONITORING WELL
- HYD HYDRANT
- LGT LIGHT POLE
- IP IRON PIN
- MONU MONUMENT
- CP #1 CONT POINT
- ANCHOR WIRE
- BALLARD

STORM SEWER, CLASS A, TYPE 1

1 TO 2	12"	15"	18"	30"
2 TO 3				56
3 TO 4				16
4 TO 5				93
5 TO 6				112
6 TO 7				
7 TO 8				4
8 TO 9				23
9 TO 10				7
10 TO 11				
11 TO 12				35
12 TO 13				8
13 TO 14				
14 TO 15				5
15 TO 16				22
16 TO 17				36
TOTALS	43	63	34	277

(UNITS IN FOOT)

STORM SEWER, CLASS A, TYPE 1
EQUIVALENT ROUND SIZE

1 TO 2	24"	30"	36"
2 TO 3	64	8	
3 TO 4		36	8
4 TO 5		8	
5 TO 6		8	
6 TO 7		98	
7 TO 8		124	
8 TO 9		5	
TOTALS	64	279	8

(UNITS IN FOOT)

TRENCH BACKFILL

1 TO 2	14.9 CU YD
2 TO 3	5.6 CU YD
3 TO 4	16.0 CU YD
4 TO 5	7.4 CU YD
5 TO 6	17.4 CU YD
6 TO 7	15.7 CU YD
7 TO 8	21.3 CU YD
8 TO 9	6.2 CU YD
9 TO 10	10.6 CU YD
10 TO 11	10.2 CU YD
TOTALS	125.3 CU YD

PIPE CULVERT REMOVAL

LT 0+69 TO 1+29	12"	15"	18"	24"	30"
RT 0+64 TO 1+27		60			64
LT 1+85 TO 3+46				161	
RT 2+68 TO 3+25				114	
LT 3+83 TO 4+42				60	
RT 4+28 TO 4+48					20
LT 4+83 TO 5+14				31	
LT 5+49 TO 5+71				22	
RT 5+37 TO 5+97					120
TOTALS	22	91	335	140	64

(UNITS IN FOOT)

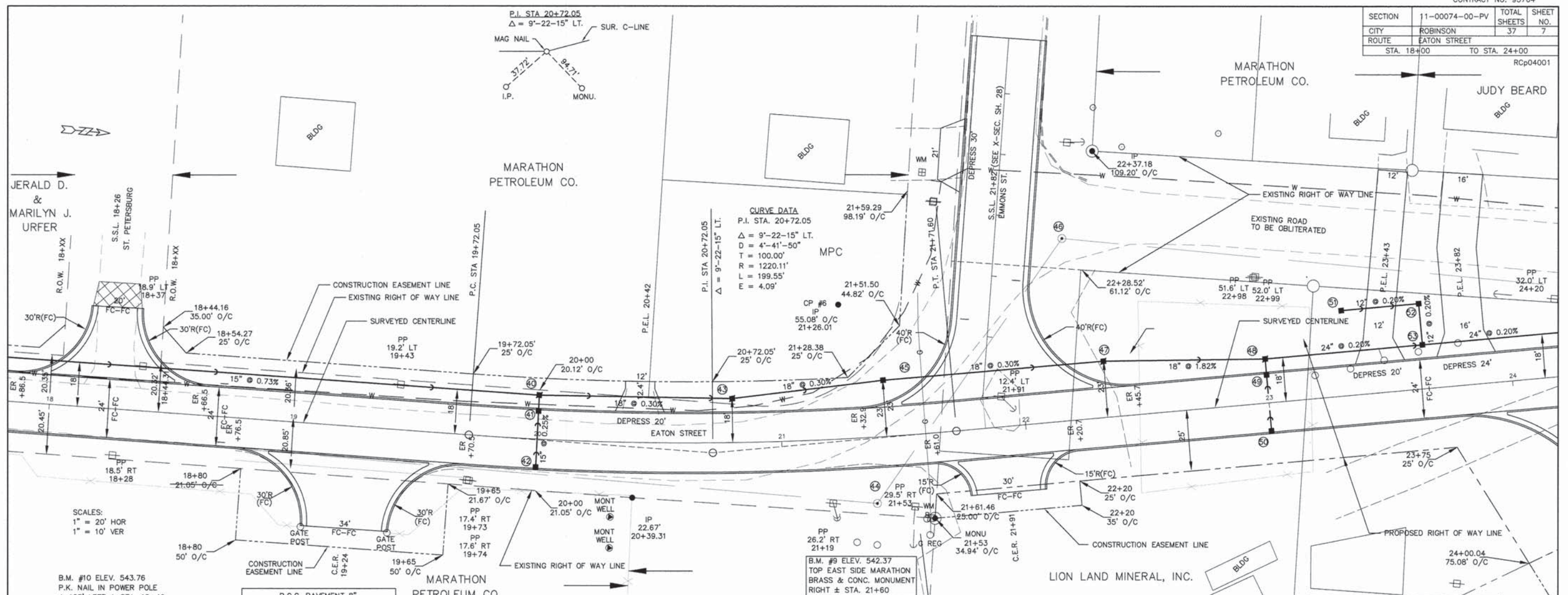
PRECAST END SECTION EQUIV. R.S. 36"
LT. STA. 0+67 = 1 EACH

PRECAST END SECTION EQUIV. R.S. 30"
RT. STA 0+75 = 1 EACH
RT. STA 1+15 = 1 EACH
TOTAL = 2 EACH

<p>COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24</p> <p>LT. 0+62 TO 6+00 = 538 FT.</p> <p>RT 0+43 TO 6+00 = 557 FT.</p> <p>S.S.R. 0+95 = 112 FT.</p> <p>S.S.L. 1+11 = 82 FT.</p> <p>C.E.L. 2+11 = 39 FT.</p> <p>C.E.L. 2+97 = 39 FT.</p> <p>C.E.L. 3+20 = 39 FT.</p> <p>C.E.L. 4+07 = 39 FT.</p> <p>C.E.L. 5+64 = 39 FT.</p> <p>TOTAL = 1484 S.Y.</p>	<p>P.C.C. PAVEMENT 8"</p> <p>0+18 TO 0+43 = 63 S.Y.</p> <p>0+43 TO 0+62 = 47 S.Y.</p> <p>0+62 TO 6+00 = 1195 S.Y.</p> <p>S.S.L. 1+11 = 114 S.Y.</p> <p>S.S.R. 0+95 = 153 S.Y.</p> <p>TOTAL = 1572 S.Y.</p>	<p>P.C.C. DRIVEWAY PAVEMENT 6"</p> <p>C.E.L. 2+11 = 57 S.Y.</p> <p>C.E.L. 2+97 = 57 S.Y.</p> <p>C.E.L. 3+20 = 57 S.Y.</p> <p>C.E.L. 4+07 = 57 S.Y.</p> <p>TOTAL = 280 S.Y.</p>	<p>DRIVEWAY PAVEMENT REMOVAL</p> <p>C.E.R. 2+97 = 72 S.Y.</p> <p>P.E.L. 5+62 = 22 S.Y.</p> <p>C.E.R. 5+64 = 73 S.Y.</p> <p>TOTAL = 167 S.Y.</p>	<p>PAVEMENT REMOVAL</p> <p>TOTAL THIS SHEET = 1624 S.Y.</p>	<p>INLET & PIPE PROTECTION</p> <p>TOTAL THIS SHEET = 19 EACH</p>	<p>AGGREGATE DITCH, SPECIAL</p> <p>LT. 0+18 TO 0+58 = 12 TON</p>	<p>SEEDING CLASS 1 (SPECIAL)</p> <p>0+18 TO 47+29 = 3.5 ACRES</p>	<p>PIPE DRAINS 8"</p> <p>RT. 1+90 = 10 FOOT</p>	<p>CLASS SI CONCRETE (OUTLET)</p> <p>RT. 0+40 = 2.9 CU YD</p> <p>LT. 0+65 = 2.9 CU YD</p> <p>TOTAL = 5.8 CU YD</p>	<p>INCIDENTAL HMA RESURFACING 3"</p> <p>S.S.R. 0+95 = 4 TON</p> <p>S.S.L. 1+11 = 5 TON</p> <p>TOTAL = 9 TON</p>	<p>AGGREGATE BASE CSE. TY B 6"</p> <p>S.S.R. 0+95 = 9 TON</p> <p>S.S.L. 1+11 = 11 TON</p> <p>TOTAL = 20 TON</p>
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SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	7
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 18+00		TO STA. 24+00		RCP04001	



SCALES:
1" = 20' HOR
1" = 10' VER

B.M. #10 ELEV. 543.76
P.K. NAIL IN POWER POLE
± 125' LEFT ± STA. 18+40

COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24	
18+00 TO 24+0	= 1200 FT.
S.S.L. 18+26	= 82 FT.
C.E.R. 19+24	= 82 FT.
C.E.R. 21+02	= 38 FT.
S.S.R. 21+82	= 328 FT.
C.E.R. 21+91	= 36 FT.
TOTAL = 1768 FT.	

PAVEMENT REMOVAL	
TOTAL THIS SHEET = 1760 S.Y.	

P.C.C. PAVEMENT 8"	
18+00 TO 24+00 =	1333 S.Y.
S.S.L. 18+26 =	88 S.Y.
S.S.L. 21+82 =	497 S.Y.
TOTAL = 1918 S.Y.	

P.C.C. DRIVEWAY PAVEMENT 6"	
P.E.L. 20+42 =	22 S.Y.
C.E.R. 21+91 =	49 S.Y.
P.E.L. 23+43 =	109 S.Y.
P.E.L. 23+82 =	136 S.Y.
P.E. ON EMMONS =	27 S.Y.
TOTAL = 343 S.Y.	

P.C.C. DRIVEWAY PAVEMENT 8"	
C.E.R. 19+24 =	133 S.Y.

DRIVEWAY PAVEMENT REMOVAL	
C.E.R. 19+24 =	160 S.Y.
P.E.L. 20+42 =	13 S.Y.
P.E.L. 23+43 =	19 S.Y.
P.E.L. 23+82 =	28 S.Y.
P.E. ON EMMONS =	23 S.Y.
TOTAL = 243 S.Y.	

TRENCH BACKFILL	
S.S.L. 18+26 =	10.1 CU YD
(4) TO (2) =	6.2 CU YD
P.E.L. 20+42 =	6.3 CU YD
(4) TO (7) =	11.5 CU YD
(4) TO (3) =	8.2 CU YD
(4) TO (5) =	7.1 CU YD
(5) TO (2)+82 =	5.1 CU YD
TOTAL = 61.0 CU YD	

PIPE CULVERT REMOVAL 8"	
LT 23+64 TO 24+00 =	36 FT

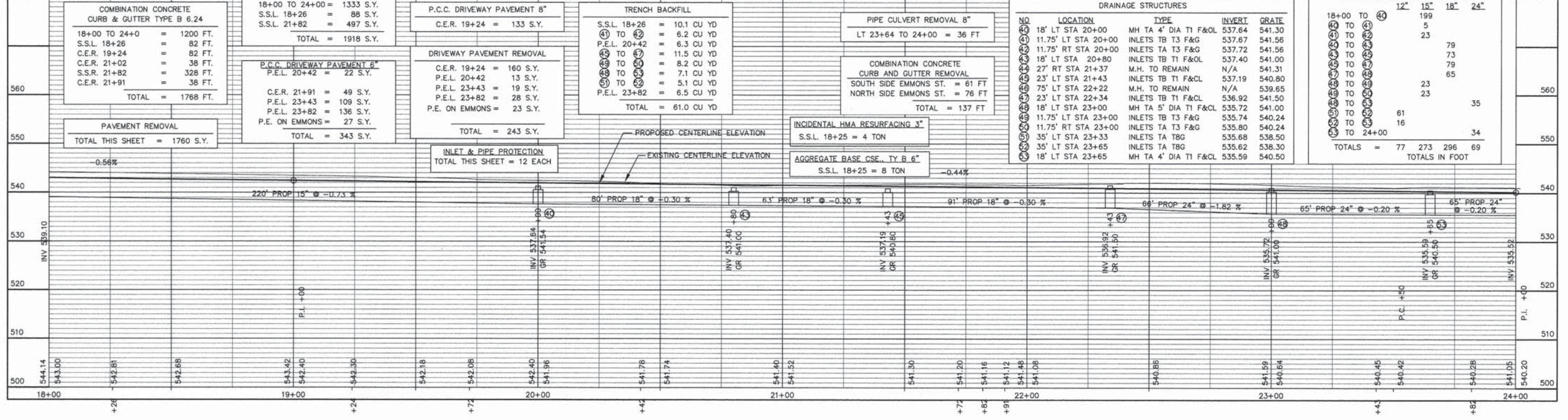
COMBINATION CONCRETE CURB AND GUTTER REMOVAL	
SOUTH SIDE EMMONS ST. =	61 FT
NORTH SIDE EMMONS ST. =	76 FT
TOTAL = 137 FT	

INCIDENTAL HMA RESURFACING 3"	
S.S.L. 18+25 =	4 TON

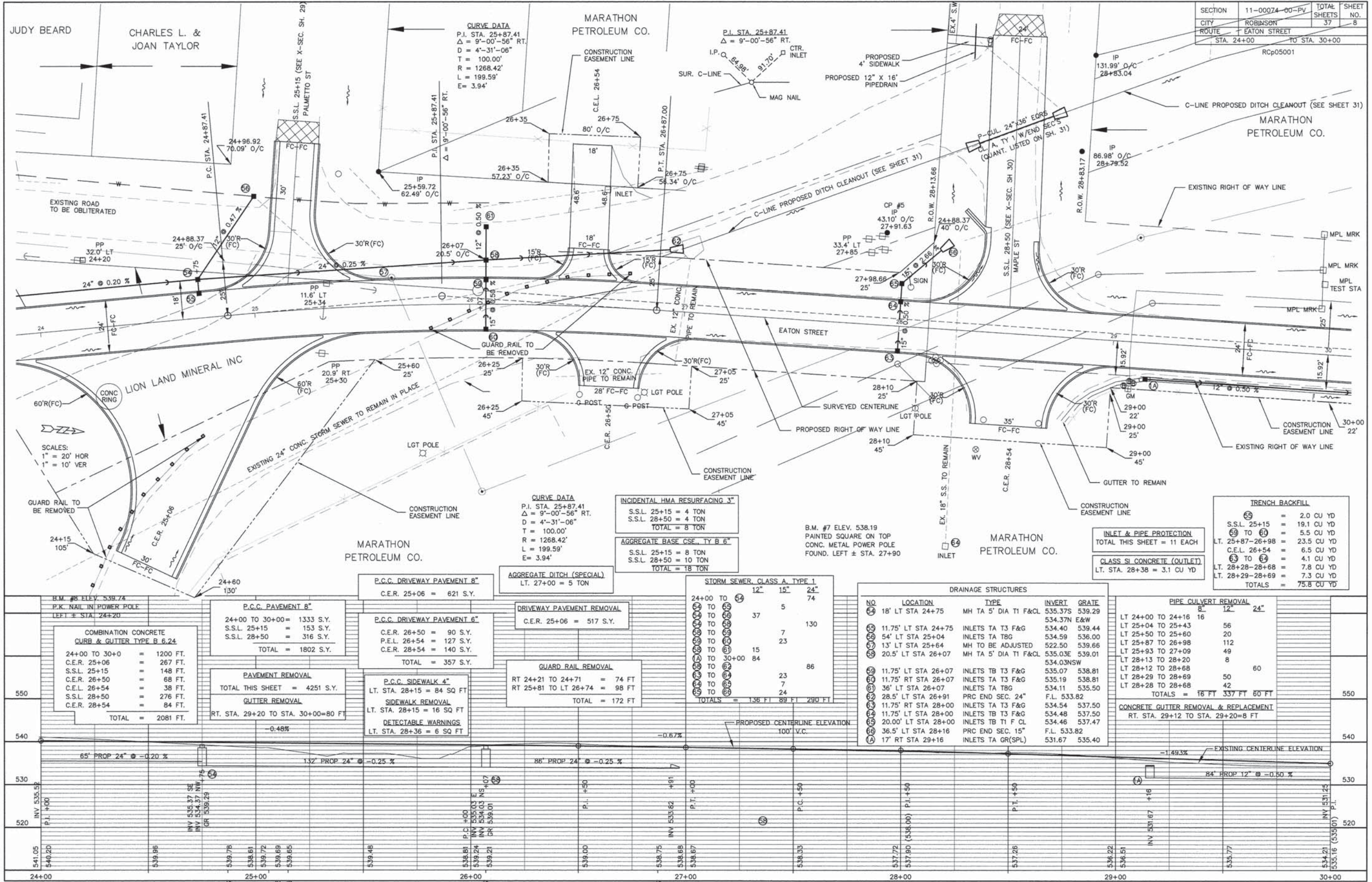
AGGREGATE BASE CSE., TY B 6"	
S.S.L. 18+25 =	8 TON

DRAINAGE STRUCTURES				
NO	LOCATION	TYPE	INVERT	GRATE
(4)	18' LT STA 20+00	MH TA 4' DIA T1 F&OL	537.64	541.30
(5)	11.75' LT STA 20+00	INLETS TB T3 F&G	537.67	541.56
(6)	11.75' RT STA 20+00	INLETS TA T3 F&G	537.72	541.56
(7)	18' LT STA 20+80	INLETS TB T1 F&OL	537.40	541.00
(8)	27' RT STA 21+37	M.H. TO REMAIN	N/A	541.31
(9)	23' LT STA 21+43	INLETS TB T1 F&CL	537.19	540.80
(10)	75' LT STA 22+22	M.H. TO REMAIN	N/A	539.65
(11)	23' LT STA 22+34	INLETS TB T1 F&CL	536.92	541.50
(12)	18' LT STA 23+00	MH TA 5' DIA T1 F&CL	535.72	541.00
(13)	11.75' LT STA 23+00	INLETS TB T3 F&G	535.74	540.24
(14)	11.75' RT STA 23+00	INLETS TA T3 F&G	535.80	540.24
(15)	35' LT STA 23+33	INLETS TA T8G	535.68	538.50
(16)	35' LT STA 23+65	INLETS TA T8G	535.62	538.30
(17)	18' LT STA 23+65	MH TA 4' DIA T1 F&CL	535.59	540.50

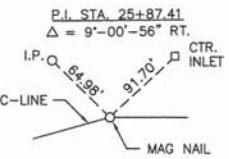
STORM SEWER, CLASS A, TYPE 1				
18+00 TO	12'	15'	18'	24'
(4) TO (4)	199			
(4) TO (5)	5			
(5) TO (6)		23		
(6) TO (7)			79	
(7) TO (8)			73	
(8) TO (9)			79	
(9) TO (10)			65	
(10) TO (11)				23
(11) TO (12)				23
(12) TO (13)				
(13) TO (14)				35
(14) TO (15)	61			
(15) TO (16)	16			
(16) TO (17)				34
(17) TO 24+00				
TOTALS = 77 273 296 69				
TOTALS IN FOOT				



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	8
CITY	ROBINSON				
ROUTE	EATON STREET				
STA.	24+00	TO STA.	30+00		



CURVE DATA
 P.I. STA. 25+87.41
 $\Delta = 9^{\circ}-00'-56''$ RT.
 $D = 4^{\circ}-31'-06''$
 $T = 100.00'$
 $R = 1268.42'$
 $L = 199.59'$
 $E = 3.94'$



SCALES:
 1" = 20' HOR
 1" = 10' VER

CURVE DATA
 P.I. STA. 25+87.41
 $\Delta = 9^{\circ}-00'-56''$ RT.
 $D = 4^{\circ}-31'-06''$
 $T = 100.00'$
 $R = 1268.42'$
 $L = 199.59'$
 $E = 3.94'$

INCIDENTAL HMA RESURFACING 3"
 S.S.L. 25+15 = 4 TON
 S.S.L. 28+50 = 4 TON
 TOTAL = 8 TON

AGGREGATE BASE CSE., TY B 6"
 S.S.L. 25+15 = 8 TON
 S.S.L. 28+50 = 10 TON
 TOTAL = 18 TON

B.M. #7 ELEV. 538.19
 PAINTED SQUARE ON TOP
 CONC. METAL POWER POLE
 FOUND. LEFT ± STA. 27+90

TRENCH BACKFILL

55	=	2.0 CU YD
S.S.L. 25+15	=	19.1 CU YD
59 TO 60	=	5.5 CU YD
LT. 25+87-26+98	=	23.5 CU YD
C.E.L. 26+54	=	6.5 CU YD
63 TO 64	=	4.1 CU YD
LT. 28+28-28+68	=	7.3 CU YD
LT. 28+29-28+69	=	7.3 CU YD
TOTALS	=	75.8 CU YD

INLET & PIPE PROTECTION
 TOTAL THIS SHEET = 11 EACH

CLASS SI CONCRETE (OUTLET)
 LT. STA. 28+38 = 3.1 CU YD

COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24

24+00 TO 30+00	=	1200 FT.
C.E.R. 25+06	=	267 FT.
S.S.L. 25+15	=	148 FT.
C.E.R. 26+50	=	68 FT.
C.E.L. 26+54	=	38 FT.
S.S.L. 28+50	=	276 FT.
C.E.R. 28+54	=	84 FT.
TOTAL	=	2081 FT.

P.C.C. PAVEMENT 8"

24+00 TO 30+00	=	1333 S.Y.
S.S.L. 25+15	=	153 S.Y.
S.S.L. 28+50	=	316 S.Y.
TOTAL	=	1802 S.Y.

P.C.C. DRIVEWAY PAVEMENT 6"

C.E.R. 25+06	=	621 S.Y.
C.E.R. 26+50	=	90 S.Y.
P.E.L. 26+54	=	127 S.Y.
C.E.R. 28+54	=	140 S.Y.
TOTAL	=	357 S.Y.

DRIVEWAY PAVEMENT REMOVAL

C.E.R. 25+06	=	517 S.Y.
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GUARD RAIL REMOVAL

RT 24+21 TO 24+71	=	74 FT
RT 25+81 TO LT 26+74	=	98 FT
TOTAL	=	172 FT

P.C.C. SIDEWALK 4"

LT. STA. 28+15	=	84 SQ FT
SIDEWALK REMOVAL	=	16 SQ FT
DETECTABLE WARNINGS	=	6 SQ FT

STORM SEWER CLASS A, TYPE 1

24+00 TO 54	12"	15'	74
54 TO 55		5	
55 TO 56		7	130
56 TO 57		23	
57 TO 58		15	
58 TO 59		84	
59 TO 60		23	86
60 TO 61		7	
61 TO 62		24	
TOTALS	=	136 FT	89 FT 290 FT

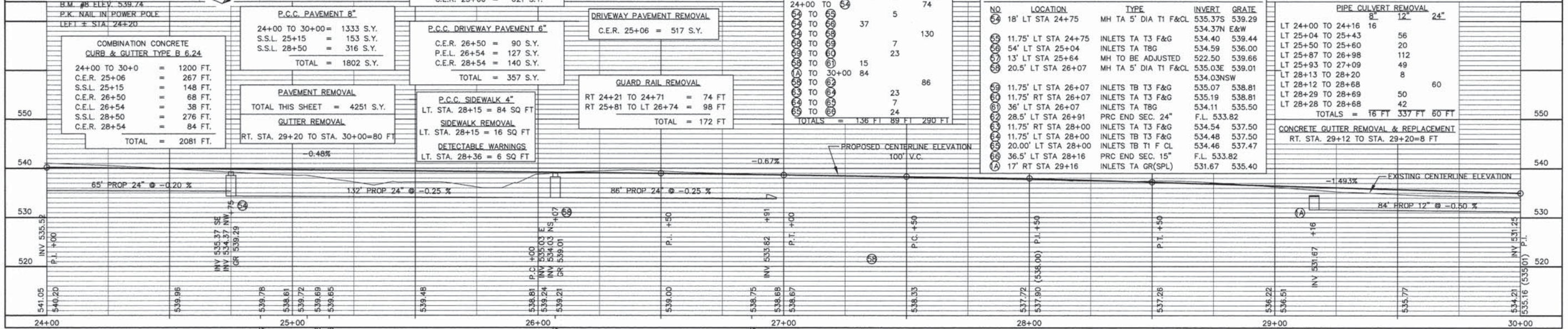
DRAINAGE STRUCTURES

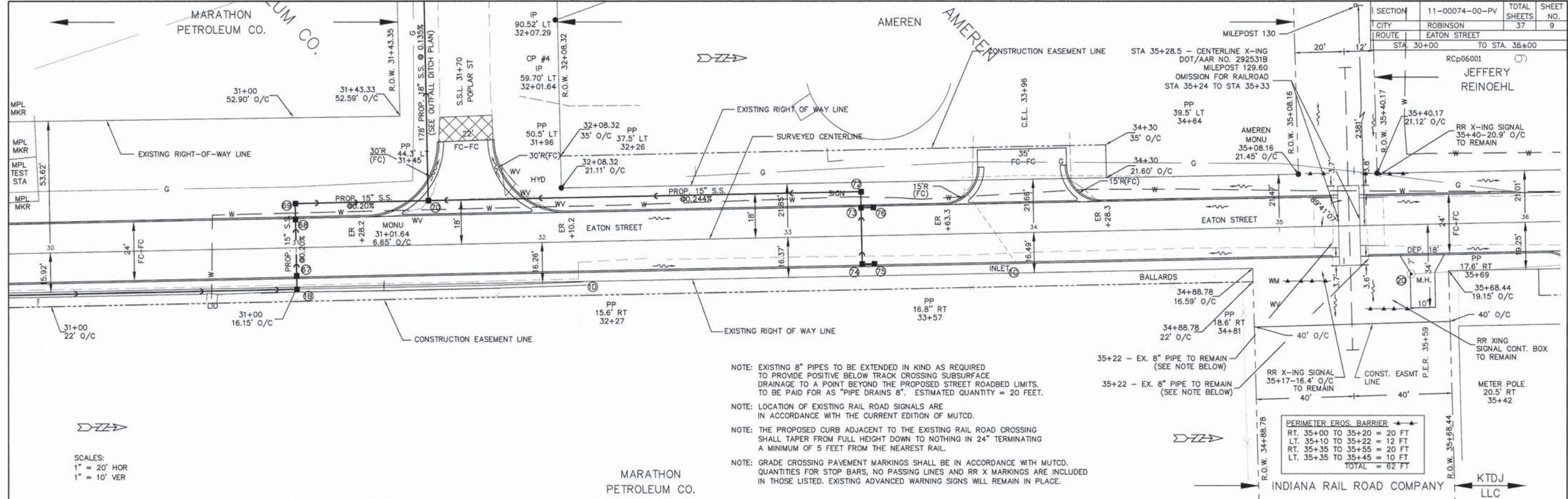
NO	LOCATION	TYPE	INVERT	GRATE
54	18' LT STA 24+75	MH TA 5' DIA T1 F&CL	535.37S	539.29
55	11.75' LT STA 24+75	INLETS TA T3 F&G	534.40	539.44
56	54' LT STA 25+04	INLETS TA T8G	534.59	536.00
57	13' LT STA 25+64	MH TO BE ADJUSTED	522.50	539.66
58	20.5' LT STA 26+07	MH TA 5' DIA T1 F&CL	535.03E	539.01
59	28.5' LT STA 26+91	PRC END SEC. 24"	F.L. 533.82	
60	11.75' RT STA 26+07	INLETS TB T3 F&G	535.07	538.81
61	11.75' RT STA 26+07	INLETS TA T3 F&G	535.19	538.81
62	36' LT STA 26+07	INLETS TA T8G	534.11	535.50
63	28.5' LT STA 26+91	PRC END SEC. 24"	F.L. 533.82	
64	11.75' RT STA 28+00	INLETS TA T3 F&G	534.54	537.50
65	11.75' LT STA 28+00	INLETS TB T3 F&G	534.48	537.50
66	20.00' LT STA 28+00	INLETS TB T1 F CL	534.46	537.47
67	36.5' LT STA 28+16	PRC END SEC. 15"	F.L. 533.82	
68	17' RT STA 29+16	INLETS TA GR(SPL)	531.67	535.40

PIPE CULVERT REMOVAL

LT 24+00 TO 24+16	16"	24"
LT 25+04 TO 25+43		56
LT 25+50 TO 25+60		20
LT 25+87 TO 26+98		112
LT 25+93 TO 27+09		49
LT 28+13 TO 28+20		8
LT 28+12 TO 28+68		60
LT 28+29 TO 28+69		50
LT 28+28 TO 28+68		42
TOTALS	=	16 FT 337 FT 80 FT

CONCRETE GUTTER REMOVAL & REPLACEMENT
 RT. STA. 29+12 TO STA. 29+20=8 FT





NOTE: EXISTING 8" PIPES TO BE EXTENDED IN KIND AS REQUIRED TO PROVIDE POSITIVE BELOW TRACK CROSSING SUBSURFACE DRAINAGE TO A POINT BEYOND THE PROPOSED STREET ROADBED LIMITS. TO BE PAID FOR AS "PIPE DRAINS 8". ESTIMATED QUANTITY = 20 FEET.

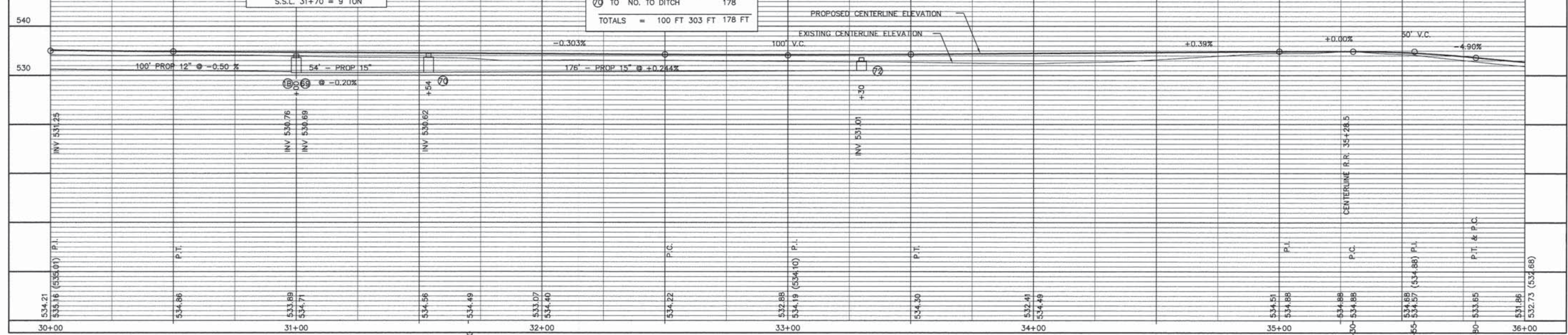
NOTE: LOCATION OF EXISTING RAIL ROAD SIGNALS ARE IN ACCORDANCE WITH THE CURRENT EDITION OF MUTCD.

NOTE: THE PROPOSED CURB ADJACENT TO THE EXISTING RAIL ROAD CROSSING SHALL TAPER FROM FULL HEIGHT DOWN TO NOTHING IN 24' TERMINATING A MINIMUM OF 5 FEET FROM THE NEAREST RAIL.

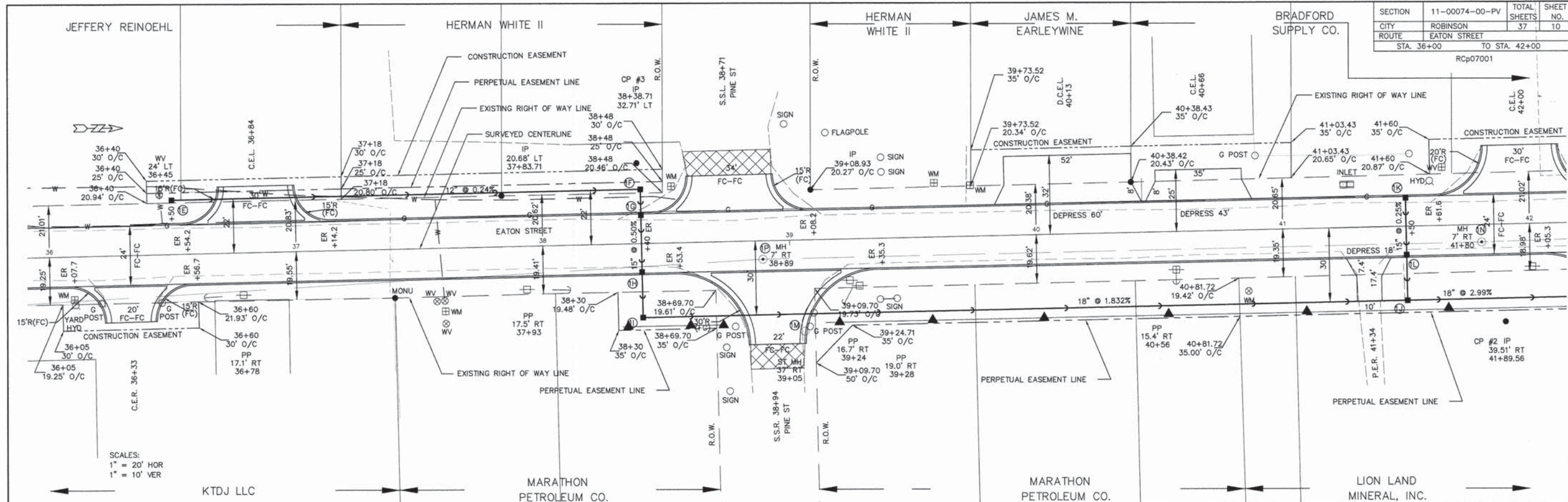
NOTE: GRADE CROSSING PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MUTCD. QUANTITIES FOR STOP BARS, NO PASSING LINES AND RR X MARKINGS ARE INCLUDED IN THOSE LISTED. EXISTING ADVANCED WARNING SIGNS WILL REMAIN IN PLACE.

SCALES:
1" = 20' HOR
1" = 10' VER

COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24		P.C.C. PAVEMENT 8"		P.C.C. DRIVEWAY PAVEMENT 6"		STORM SEWER, CLASS A, TYPE 1		DRAINAGE STRUCTURES		TRENCH BACKFILL		PIPE CULVERT REMOVAL		
30+00 TO 36+00	= 1200 FT.	30+00 TO 36+00	= 1333 S.Y.	C.E.L. 33+96	= 84 S.Y.	12" TO 15"	100	NO	LOCATION	TYPE	INVERT	GRATE	LT 31+50 TO 31+98	8" 12"
S.S.L. 31+70	= 82 FT.	S.S.L. 31+70	= 94 S.Y.	P.E.R. 35+59	= 27 S.Y.	15" TO 18"	5	18	17' RT STA 31+00	INLET TA T8G	530.76	533.00	LT 33+71 TO 34+50	79 48
C.E.L. 33+96	= 38 FT.	TOTAL	= 1427 S.Y.	TOTAL	= 111 S.Y.	18" TO 20"	23	19	11.75' RT STA 31+00	INLET TB T3F&G	530.75	534.31	AR 33+84	37
TOTAL	= 1320 FT.					20" TO 22"	7	20	18' LT STA 31+00	INLET TB T1F&CL	530.69	533.70	AR 35+22	36
						22" TO 24"	54	21	18' LT STA 31+54	MH TA 4' DIA. T1F&CL	530.58	534.11	AR 35+36	35
						24" TO 26"	176	22	18' LT STA 33+30	INLET TB T3F&G	531.01	534.00	TOTALS	= 150 85
						26" TO 28"	7	23	11.75' LT STA 33+30	INLET TB T3F&G	531.02	533.90	(UNITS IN FOOT)	
						28" TO 30"	4	24	11.75' RT STA 33+30	INLET TB T3F&G	531.07	533.90		
						30" TO 32"	23	25	11.75' RT STA 33+35	INLET TB T3F&G	531.08	533.90		
						32" TO 34"	4	26	11.75' LT STA 33+35	INLET TB T3F&G	531.03	533.90		
						34" TO 36"	178	27	12' RT STA 33+93	INLET TO BE REMOVED				
						36" TO 38"	4	28	18' RT STA 32+16	INLET TO BE REMOVED				
						38" TO 40"	178	29	19' RT STA 35+54	M.H. TO BE RECONSTR.	530.71	534.00		
						TOTALS	= 100 FT 303 FT 178 FT							



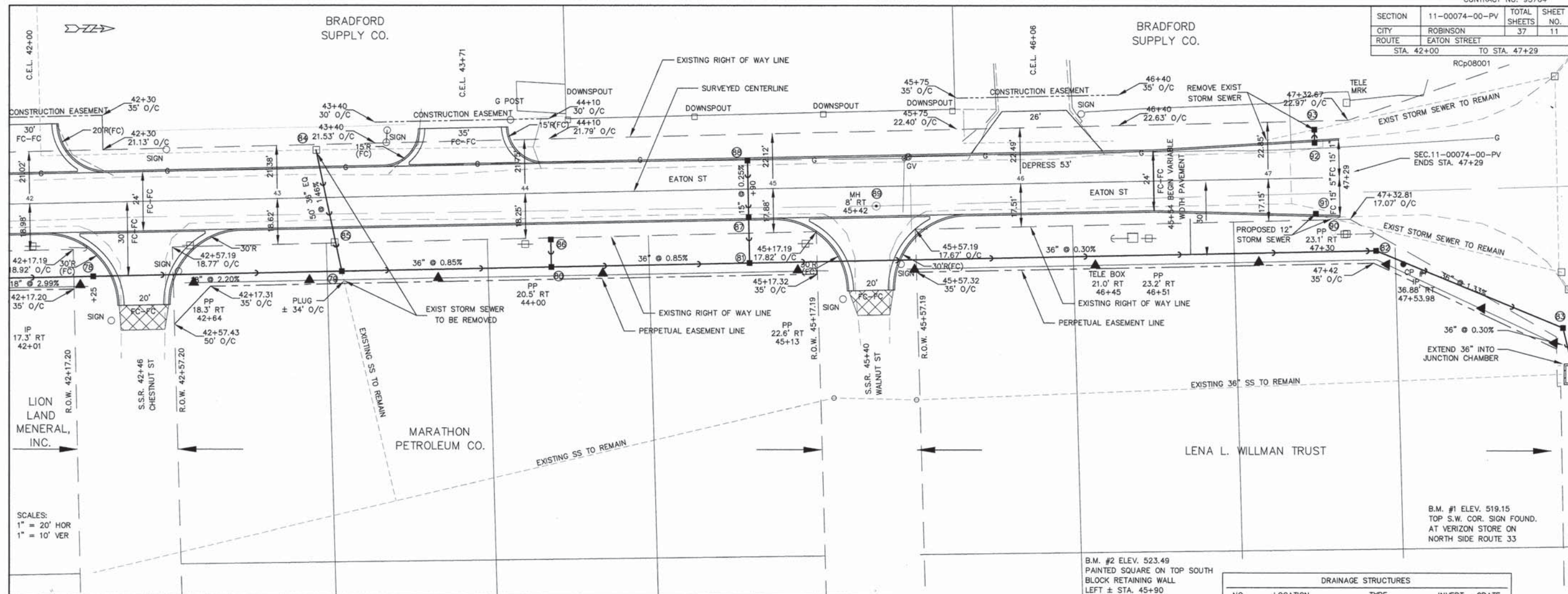
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	10
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 36+00		TO STA. 42+00			



SCALES:
1" = 20' HOR
1" = 10' VER

<p>COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24</p> <p>36+00 TO 42+00 = 1200 FT. C.E.R. 36+33 = 38 FT. C.E.L. 36+84 = 39 FT. S.S.L. 38+71 = 38 FT. S.S.R. 38+94 = 82 FT. C.E.L. 42+00 = 53 FT.</p> <p>TOTAL = 1450 FT.</p>	<p>P.C.C. PAVEMENT 8"</p> <p>36+00 TO 42+00 = 1333 S.Y. S.S.L. 38+71 = 56 S.Y. S.S.R. 38+94 = 94 S.Y.</p> <p>TOTAL = 1483 S.Y.</p>	<p>P.C.C. DRIVEWAY PAVEMENT 6"</p> <p>C.E.R. 36+33 = 33 S.Y. C.E.L. 36+84 = 49 S.Y. C.E.L. 40+13 = 115 S.Y. C.E.L. 40+66 = 52 S.Y. C.E.R. 41+34 = 23 S.Y. C.E.L. 42+00 = 71 S.Y.</p> <p>TOTAL = 343 S.Y.</p>	<p>B.M. #4 ELEV. 529.37 PAINTED SQUARE ON TOP CONC. LIGHT FOUND, RIGHT ± STA. 38+80</p> <p>INCIDENTAL HMA RESURFACING 3"</p> <p>S.S.L. 38+71 = 7 TON S.S.R. 38+94 = 4 TON TOTAL = 11 TON</p> <p>AGGREGATE BASE CSE., TY B 6"</p> <p>S.S.L. 38+71 = 14 TON S.S.R. 38+94 = 9 TON TOTAL = 23 TON</p>	<p>DRAINAGE STRUCTURES</p> <table border="1"> <thead> <tr> <th>NO</th> <th>LOCATION</th> <th>TYPE</th> <th>INVERT</th> <th>GRATE</th> </tr> </thead> <tbody> <tr><td>(E)</td><td>22' LT STA 36+50</td><td>INLETS TA TBG</td><td>526.45</td><td>527.80</td></tr> <tr><td>(F)</td><td>22' LT STA 38+40</td><td>INLETS TB T1 F&OL</td><td>525.78</td><td>529.00</td></tr> <tr><td>(G)</td><td>11.75' LT STA 38+40</td><td>INLETS TA T3 F&G</td><td>525.73</td><td>529.04</td></tr> <tr><td>(H)</td><td>11.75' RT STA 38+40</td><td>INLETS TA T3 F&G</td><td>525.61</td><td>529.04</td></tr> <tr><td>(I)</td><td>30' RT STA 38+40</td><td>INLETS TB T1 F&OL</td><td>525.52</td><td>528.65</td></tr> <tr><td>(J)</td><td>11.75' LT STA 41+50</td><td>INLETS TA T3 F&G</td><td>519.95</td><td>522.89</td></tr> <tr><td>(K)</td><td>11.75' RT STA 41+50</td><td>INLETS TA T3 F&G</td><td>519.89</td><td>522.89</td></tr> <tr><td>(L)</td><td>37' RT STA 39+05</td><td>M.H. TO BE ADJUST</td><td>520.66</td><td>528.50</td></tr> <tr><td>(M)</td><td>7' RT STA 41+80</td><td>M.H. TO BE ADJUST</td><td>519.72</td><td>522.47</td></tr> <tr><td>(N)</td><td>7' RT STA 38+89</td><td>M.H. TO BE ADJUST</td><td>519.72</td><td>529.13</td></tr> </tbody> </table>	NO	LOCATION	TYPE	INVERT	GRATE	(E)	22' LT STA 36+50	INLETS TA TBG	526.45	527.80	(F)	22' LT STA 38+40	INLETS TB T1 F&OL	525.78	529.00	(G)	11.75' LT STA 38+40	INLETS TA T3 F&G	525.73	529.04	(H)	11.75' RT STA 38+40	INLETS TA T3 F&G	525.61	529.04	(I)	30' RT STA 38+40	INLETS TB T1 F&OL	525.52	528.65	(J)	11.75' LT STA 41+50	INLETS TA T3 F&G	519.95	522.89	(K)	11.75' RT STA 41+50	INLETS TA T3 F&G	519.89	522.89	(L)	37' RT STA 39+05	M.H. TO BE ADJUST	520.66	528.50	(M)	7' RT STA 41+80	M.H. TO BE ADJUST	519.72	522.47	(N)	7' RT STA 38+89	M.H. TO BE ADJUST	519.72	529.13	<p>B.M. #3 ELEV. 526.54 PAINTED SQUARE ON TOP CONC. PAD FOR PIPE RACK LEFT ± STA. 41+70</p> <p>PIPE CULVERT REMOVAL</p> <table border="1"> <thead> <tr> <th>NO</th> <th>LOCATION</th> <th>TYPE</th> <th>INVERT</th> <th>GRATE</th> </tr> </thead> <tbody> <tr><td>(O)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(P)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(Q)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(R)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(S)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(T)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(U)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(V)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(W)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(X)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(Y)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(Z)</td><td>12" 15" 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18"</td><td></td><td></td><td></td></tr> <tr><td>(AO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(AZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(BZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(C9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(CZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(D9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(DZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(E9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(ED)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(ER)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(ES)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(ET)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(EZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(F9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(FZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(G9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GX)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GY)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(GZ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H1)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H2)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H3)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H4)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H5)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H6)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H7)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H8)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(H9)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HA)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HB)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HC)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HD)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HE)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HF)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HG)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HH)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HI)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HJ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HK)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HL)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HM)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HN)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HO)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HP)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HQ)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HR)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HS)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HT)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HU)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HV)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HW)</td><td>12" 15" 18"</td><td></td><td></td><td></td></tr> <tr><td>(HX)</td><td>12" 15" 18"</td><td></td></tr></tbody></table>	NO	LOCATION	TYPE	INVERT	GRATE	(O)	12" 15" 18"				(P)	12" 15" 18"				(Q)	12" 15" 18"				(R)	12" 15" 18"				(S)	12" 15" 18"				(T)	12" 15" 18"				(U)	12" 15" 18"				(V)	12" 15" 18"				(W)	12" 15" 18"				(X)	12" 15" 18"				(Y)	12" 15" 18"				(Z)	12" 15" 18"				(AA)	12" 15" 18"				(AB)	12" 15" 18"				(AC)	12" 15" 18"				(AD)	12" 15" 18"				(AE)	12" 15" 18"				(AF)	12" 15" 18"				(AG)	12" 15" 18"				(AH)	12" 15" 18"				(AI)	12" 15" 18"				(AJ)	12" 15" 18"				(AK)	12" 15" 18"				(AL)	12" 15" 18"				(AM)	12" 15" 18"				(AN)	12" 15" 18"				(AO)	12" 15" 18"				(AP)	12" 15" 18"				(AQ)	12" 15" 18"				(AR)	12" 15" 18"				(AS)	12" 15" 18"				(AT)	12" 15" 18"				(AU)	12" 15" 18"				(AV)	12" 15" 18"				(AW)	12" 15" 18"				(AX)	12" 15" 18"				(AY)	12" 15" 18"				(AZ)	12" 15" 18"				(BA)	12" 15" 18"				(BB)	12" 15" 18"				(BC)	12" 15" 18"				(BD)	12" 15" 18"				(BE)	12" 15" 18"				(BF)	12" 15" 18"				(BG)	12" 15" 18"				(BH)	12" 15" 18"				(BI)	12" 15" 18"				(BJ)	12" 15" 18"				(BK)	12" 15" 18"				(BL)	12" 15" 18"				(BM)	12" 15" 18"				(BN)	12" 15" 18"				(BO)	12" 15" 18"				(BP)	12" 15" 18"				(BQ)	12" 15" 18"				(BR)	12" 15" 18"				(BS)	12" 15" 18"				(BT)	12" 15" 18"				(BU)	12" 15" 18"				(BV)	12" 15" 18"				(BW)	12" 15" 18"				(BX)	12" 15" 18"				(BY)	12" 15" 18"				(BZ)	12" 15" 18"				(C1)	12" 15" 18"				(C2)	12" 15" 18"				(C3)	12" 15" 18"				(C4)	12" 15" 18"				(C5)	12" 15" 18"				(C6)	12" 15" 18"				(C7)	12" 15" 18"				(C8)	12" 15" 18"				(C9)	12" 15" 18"				(CA)	12" 15" 18"				(CB)	12" 15" 18"				(CC)	12" 15" 18"				(CD)	12" 15" 18"				(CE)	12" 15" 18"				(CF)	12" 15" 18"				(CG)	12" 15" 18"				(CH)	12" 15" 18"				(CI)	12" 15" 18"				(CJ)	12" 15" 18"				(CK)	12" 15" 18"				(CL)	12" 15" 18"				(CM)	12" 15" 18"				(CN)	12" 15" 18"				(CO)	12" 15" 18"				(CP)	12" 15" 18"				(CQ)	12" 15" 18"				(CR)	12" 15" 18"				(CS)	12" 15" 18"				(CT)	12" 15" 18"				(CU)	12" 15" 18"				(CV)	12" 15" 18"				(CW)	12" 15" 18"				(CX)	12" 15" 18"				(CY)	12" 15" 18"				(CZ)	12" 15" 18"				(D1)	12" 15" 18"				(D2)	12" 15" 18"				(D3)	12" 15" 18"				(D4)	12" 15" 18"				(D5)	12" 15" 18"				(D6)	12" 15" 18"				(D7)	12" 15" 18"				(D8)	12" 15" 18"				(D9)	12" 15" 18"				(DA)	12" 15" 18"				(DB)	12" 15" 18"				(DC)	12" 15" 18"				(DD)	12" 15" 18"				(DE)	12" 15" 18"				(DF)	12" 15" 18"				(DG)	12" 15" 18"				(DH)	12" 15" 18"				(DI)	12" 15" 18"				(DJ)	12" 15" 18"				(DK)	12" 15" 18"				(DL)	12" 15" 18"				(DM)	12" 15" 18"				(DN)	12" 15" 18"				(DO)	12" 15" 18"				(DP)	12" 15" 18"				(DQ)	12" 15" 18"				(DR)	12" 15" 18"				(DS)	12" 15" 18"				(DT)	12" 15" 18"				(DU)	12" 15" 18"				(DV)	12" 15" 18"				(DW)	12" 15" 18"				(DX)	12" 15" 18"				(DY)	12" 15" 18"				(DZ)	12" 15" 18"				(E1)	12" 15" 18"				(E2)	12" 15" 18"				(E3)	12" 15" 18"				(E4)	12" 15" 18"				(E5)	12" 15" 18"				(E6)	12" 15" 18"				(E7)	12" 15" 18"				(E8)	12" 15" 18"				(E9)	12" 15" 18"				(EA)	12" 15" 18"				(EB)	12" 15" 18"				(EC)	12" 15" 18"				(ED)	12" 15" 18"				(EE)	12" 15" 18"				(EF)	12" 15" 18"				(EG)	12" 15" 18"				(EH)	12" 15" 18"				(EI)	12" 15" 18"				(EJ)	12" 15" 18"				(EK)	12" 15" 18"				(EL)	12" 15" 18"				(EM)	12" 15" 18"				(EN)	12" 15" 18"				(EO)	12" 15" 18"				(EP)	12" 15" 18"				(EQ)	12" 15" 18"				(ER)	12" 15" 18"				(ES)	12" 15" 18"				(ET)	12" 15" 18"				(EU)	12" 15" 18"				(EV)	12" 15" 18"				(EW)	12" 15" 18"				(EX)	12" 15" 18"				(EY)	12" 15" 18"				(EZ)	12" 15" 18"				(F1)	12" 15" 18"				(F2)	12" 15" 18"				(F3)	12" 15" 18"				(F4)	12" 15" 18"				(F5)	12" 15" 18"				(F6)	12" 15" 18"				(F7)	12" 15" 18"				(F8)	12" 15" 18"				(F9)	12" 15" 18"				(FA)	12" 15" 18"				(FB)	12" 15" 18"				(FC)	12" 15" 18"				(FD)	12" 15" 18"				(FE)	12" 15" 18"				(FF)	12" 15" 18"				(FG)	12" 15" 18"				(FH)	12" 15" 18"				(FI)	12" 15" 18"				(FJ)	12" 15" 18"				(FK)	12" 15" 18"				(FL)	12" 15" 18"				(FM)	12" 15" 18"				(FN)	12" 15" 18"				(FO)	12" 15" 18"				(FP)	12" 15" 18"				(FQ)	12" 15" 18"				(FR)	12" 15" 18"				(FS)	12" 15" 18"				(FT)	12" 15" 18"				(FU)	12" 15" 18"				(FV)	12" 15" 18"				(FW)	12" 15" 18"				(FX)	12" 15" 18"				(FY)	12" 15" 18"				(FZ)	12" 15" 18"				(G1)	12" 15" 18"				(G2)	12" 15" 18"				(G3)	12" 15" 18"				(G4)	12" 15" 18"				(G5)	12" 15" 18"				(G6)	12" 15" 18"				(G7)	12" 15" 18"				(G8)	12" 15" 18"				(G9)	12" 15" 18"				(GA)	12" 15" 18"				(GB)	12" 15" 18"				(GC)	12" 15" 18"				(GD)	12" 15" 18"				(GE)	12" 15" 18"				(GF)	12" 15" 18"				(GG)	12" 15" 18"				(GH)	12" 15" 18"				(GI)	12" 15" 18"				(GJ)	12" 15" 18"				(GK)	12" 15" 18"				(GL)	12" 15" 18"				(GM)	12" 15" 18"				(GN)	12" 15" 18"				(GO)	12" 15" 18"				(GP)	12" 15" 18"				(GQ)	12" 15" 18"				(GR)	12" 15" 18"				(GS)	12" 15" 18"				(GT)	12" 15" 18"				(GU)	12" 15" 18"				(GV)	12" 15" 18"				(GW)	12" 15" 18"				(GX)	12" 15" 18"				(GY)	12" 15" 18"				(GZ)	12" 15" 18"				(H1)	12" 15" 18"				(H2)	12" 15" 18"				(H3)	12" 15" 18"				(H4)	12" 15" 18"				(H5)	12" 15" 18"				(H6)	12" 15" 18"				(H7)	12" 15" 18"				(H8)	12" 15" 18"				(H9)	12" 15" 18"				(HA)	12" 15" 18"				(HB)	12" 15" 18"				(HC)	12" 15" 18"				(HD)	12" 15" 18"				(HE)	12" 15" 18"				(HF)	12" 15" 18"				(HG)	12" 15" 18"				(HH)	12" 15" 18"				(HI)	12" 15" 18"				(HJ)	12" 15" 18"				(HK)	12" 15" 18"				(HL)	12" 15" 18"				(HM)	12" 15" 18"				(HN)	12" 15" 18"				(HO)	12" 15" 18"				(HP)	12" 15" 18"				(HQ)	12" 15" 18"				(HR)	12" 15" 18"				(HS)	12" 15" 18"				(HT)	12" 15" 18"				(HU)	12" 15" 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(E)	22' LT STA 36+50	INLETS TA TBG	526.45	527.80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(F)	22' LT STA 38+40	INLETS TB T1 F&OL	525.78	529.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(G)	11.75' LT STA 38+40	INLETS TA T3 F&G	525.73	529.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(H)	11.75' RT STA 38+40	INLETS TA T3 F&G	525.61	529.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(I)	30' RT STA 38+40	INLETS TB T1 F&OL	525.52	528.65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(J)	11.75' LT STA 41+50	INLETS TA T3 F&G	519.95	522.89																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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(L)	37' RT STA 39+05	M.H. TO BE ADJUST	520.66	528.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
(M)	7' RT STA 41+80	M.H. TO BE ADJUST	519.72	522.47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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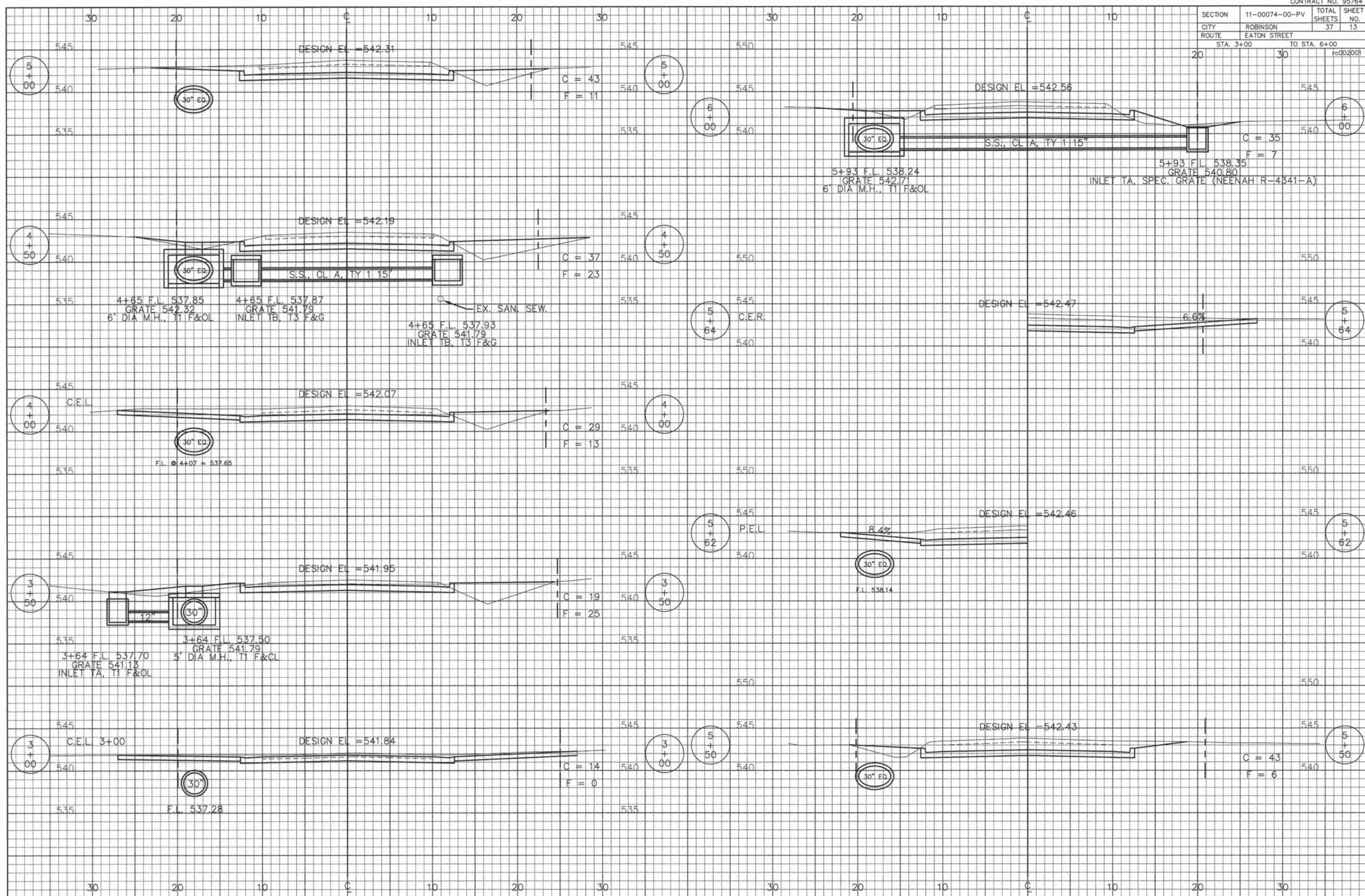
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	11
CITY	ROBINSON				
ROUTE	EATON STREET				
		STA. 42+00 TO STA. 47+29			



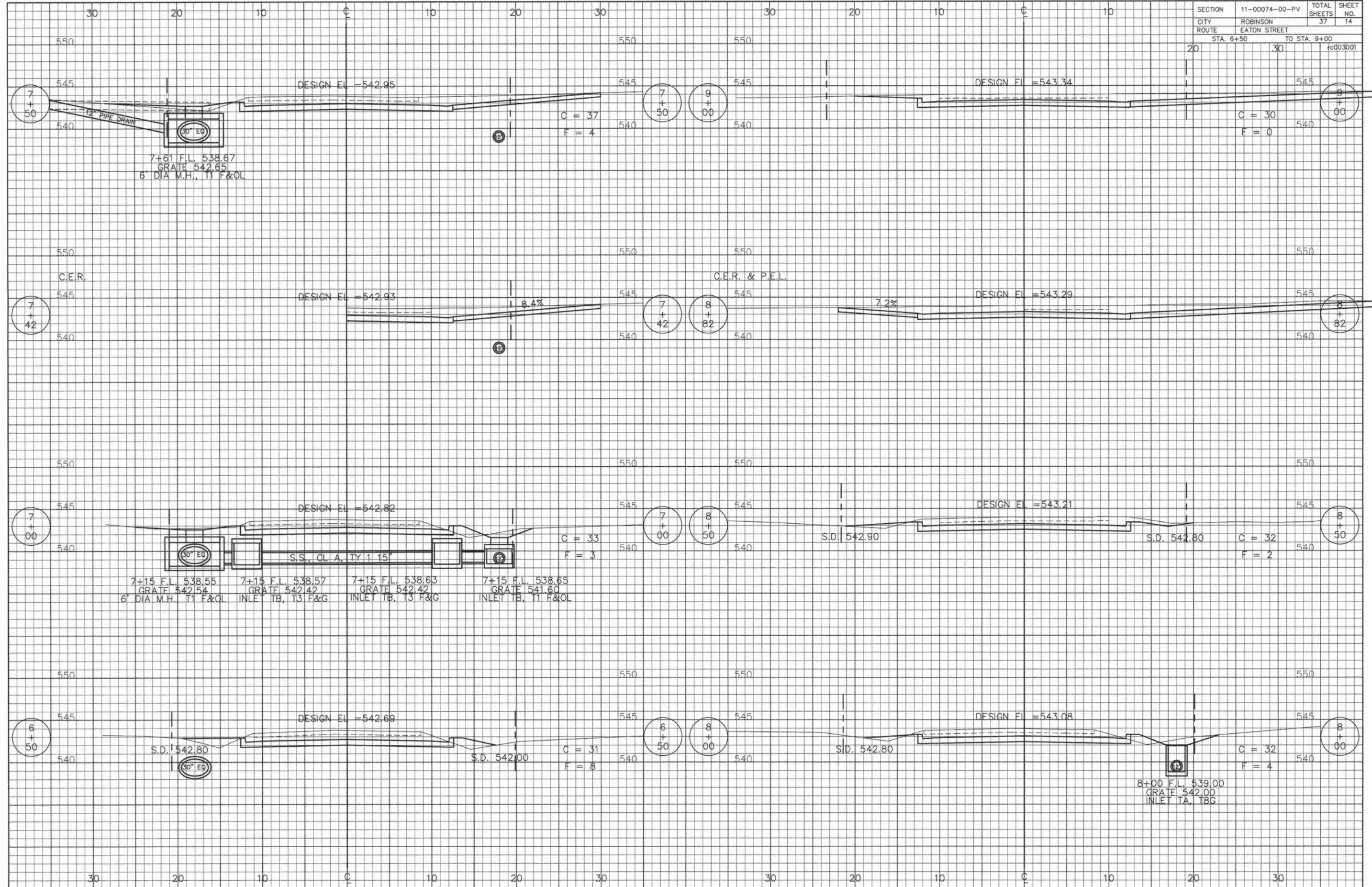
SCALES:
1" = 20' HOR
1" = 10' VER

<p>B.M. #3 ELEV. 526.54 PAINTED SQUARE ON TOP CONC. PAD FOR PIPE RACK LEFT ± STA. 41+70</p> <p>COMBINATION CONCRETE CURB & GUTTER TYPE B 6.24 42+00 TO 47+22 = 1044 FT. S.S.R. 42+46 = 82 FT. C.E.L. 43+71 = 38 FT. S.S.R. 45+40 = 82 FT. TOTAL = 1246 FT.</p> <p>INLET & PIPE PROTECTION TOTAL THIS SHEET = 13 EACH</p>	<p>P.C.C. PAVEMENT 8" 42+00 TO 47+22 = 1160 S.Y. S.S.R. 42+46 = 88 S.Y. S.S.R. 45+40 = 81 S.Y. TOTAL = 1329 S.Y.</p> <p>PAVEMENT REMOVAL TOTAL THIS SHEET = 1294 S.Y.</p> <p>DRIVEWAY PAVEMENT REMOVAL C.E.L. 43+71 = 103 S.Y. C.E.L. 46+06 = 91 S.Y. TOTAL = 194 S.Y.</p>	<p>P.C.C. DRIVEWAY PAVEMENT 6" C.E.L. 43+71 = 57 S.Y. C.E.L. 46+06 = 72 S.Y. TOTAL = 129 S.Y.</p> <p>TRENCH BACKFILL S.S.R. 42+46 = 5.6 CU YD S.S.R. 43+71 = 8.4 CU YD S.S.R. 44+10 = 3.5 CU YD S.S.R. 45+40 = 25.1 CU YD S.S.R. 46+06 = 1.7 CU YD S.S.R. 47+29 = 1.0 CU YD S.S.R. 48+00 = 1.0 CU YD TOTAL = 46.3 CU YD</p>	<p>STORM SEWER, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 36" 79 TO 82 = 46 FT</p> <p>INCIDENTAL HMA RESURFACING 3" S.S.R. 42+46 = 4 TON S.S.R. 45+40 = 3 TON TOTAL = 7 TON</p> <p>AGGREGATE BASE CSE, TY B 6" S.S.R. 42+46 = 8 TON S.S.R. 45+40 = 7 TON TOTAL = 15 TON</p>	<p>STORM SEWER, CLASS A, TYPE 1</p> <table border="1"> <tr> <th>SIZE</th> <th>42+00 TO 79</th> <th>79 TO 80</th> <th>80 TO 81</th> <th>81 TO 82</th> <th>82 TO 83</th> <th>83 TO 84</th> <th>84 TO 85</th> <th>85 TO 86</th> <th>86 TO 87</th> <th>87 TO 88</th> <th>88 TO 89</th> <th>89 TO 90</th> <th>TOTALS</th> </tr> <tr> <td>12"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>15</td> </tr> <tr> <td>15"</td> 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<td>57</td> </tr> </table> <p>(UNITS IN FOOT)</p> <p>PERIMETER ERCS BARRIER RT. 42+00 TO 42+25 = 25 FT RT. 42+80 TO 45+25 = 285 FT RT. 45+55 TO 48+18 = 270 FT TOTAL = 580 FT</p>	SIZE	AR 43+20	LT 43+16 TO 44+06	LT 45+77 TO 46+38	TOTALS	12"				60	18"				80	36"				57	<p>DRAINAGE STRUCTURES</p> <table border="1"> <thead> <tr> <th>NO</th> <th>LOCATION</th> <th>TYPE</th> <th>INVERT</th> <th>GRATE</th> </tr> </thead> <tbody> <tr><td>78</td><td>30' RT STA 42+25</td><td>INLETS TB T&G</td><td>517.60</td><td>520.10</td></tr> <tr><td>79</td><td>30' RT STA 43+25</td><td>MH TA 7' DIA T1 F&L</td><td>515.40</td><td>520.40</td></tr> <tr><td>80</td><td>30' RT STA 44+10</td><td>MH TA 5' DIA T1 F&L</td><td>514.68</td><td>519.73</td></tr> <tr><td>81</td><td>30' RT STA 44+90</td><td>MH TA 5' DIA T1 F&L</td><td>514.00S</td><td>519.00</td></tr> <tr><td></td><td></td><td></td><td>512.00N</td><td>515.00W</td></tr> <tr><td>82</td><td>30' RT STA 47+43</td><td>MH TA 5' DIA T1 F&L</td><td>511.24</td><td>519.00</td></tr> <tr><td>83</td><td>66' RT STA 48+18</td><td>MH TA 5' DIA T1 F&L</td><td>510.18</td><td>518.80</td></tr> <tr><td>84</td><td>19.3' LT STA 43+16</td><td>RECONSTRUCT M.H.</td><td>516.13</td><td>520.63</td></tr> <tr><td>85</td><td>18' RT STA 43+23</td><td>REMOVE INLET</td><td></td><td></td></tr> <tr><td>86</td><td>19' RT STA 44+10</td><td>INLETS TA T&G</td><td>514.73</td><td>518.60</td></tr> <tr><td>87</td><td>11.75' RT STA 44+90</td><td>INLETS TA T3 F&G</td><td>515.05E</td><td>519.80</td></tr> <tr><td></td><td></td><td></td><td>516.76W</td><td></td></tr> <tr><td>88</td><td>11.75' LT STA 44+90</td><td>INLETS TA T3 F&G</td><td>516.82</td><td>519.80</td></tr> <tr><td>89</td><td>8' RT STA 45+42</td><td>MH TO BE ADJUST</td><td>513.56</td><td>519.81</td></tr> <tr><td>90</td><td>16' RT 47+24</td><td>REMOVE INLET</td><td>NA</td><td>NA</td></tr> <tr><td>91</td><td>14.75' RT STA 47+19</td><td>INLETS TA T3 F&G</td><td>516.10</td><td>518.42</td></tr> <tr><td>92</td><td>15.97' LT STA 47+19</td><td>INLETS TA T15 F&L</td><td>516.90</td><td>519.05</td></tr> <tr><td>93</td><td>19.5' LT STA 47+19</td><td>INLETS TA T&G</td><td>516.84</td><td>518.42</td></tr> </tbody> </table>	NO	LOCATION	TYPE	INVERT	GRATE	78	30' RT STA 42+25	INLETS TB T&G	517.60	520.10	79	30' RT STA 43+25	MH TA 7' DIA T1 F&L	515.40	520.40	80	30' RT STA 44+10	MH TA 5' DIA T1 F&L	514.68	519.73	81	30' RT STA 44+90	MH TA 5' DIA T1 F&L	514.00S	519.00				512.00N	515.00W	82	30' RT STA 47+43	MH TA 5' DIA T1 F&L	511.24	519.00	83	66' RT STA 48+18	MH TA 5' DIA T1 F&L	510.18	518.80	84	19.3' LT STA 43+16	RECONSTRUCT M.H.	516.13	520.63	85	18' RT STA 43+23	REMOVE INLET			86	19' RT STA 44+10	INLETS TA T&G	514.73	518.60	87	11.75' RT STA 44+90	INLETS TA T3 F&G	515.05E	519.80				516.76W		88	11.75' LT STA 44+90	INLETS TA T3 F&G	516.82	519.80	89	8' RT STA 45+42	MH TO BE ADJUST	513.56	519.81	90	16' RT 47+24	REMOVE INLET	NA	NA	91	14.75' RT STA 47+19	INLETS TA T3 F&G	516.10	518.42	92	15.97' LT STA 47+19	INLETS TA T15 F&L	516.90	519.05	93	19.5' LT STA 47+19	INLETS TA T&G	516.84	518.42
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79	30' RT STA 43+25	MH TA 7' DIA T1 F&L	515.40	520.40																																																																																																																																																																																											
80	30' RT STA 44+10	MH TA 5' DIA T1 F&L	514.68	519.73																																																																																																																																																																																											
81	30' RT STA 44+90	MH TA 5' DIA T1 F&L	514.00S	519.00																																																																																																																																																																																											
			512.00N	515.00W																																																																																																																																																																																											
82	30' RT STA 47+43	MH TA 5' DIA T1 F&L	511.24	519.00																																																																																																																																																																																											
83	66' RT STA 48+18	MH TA 5' DIA T1 F&L	510.18	518.80																																																																																																																																																																																											
84	19.3' LT STA 43+16	RECONSTRUCT M.H.	516.13	520.63																																																																																																																																																																																											
85	18' RT STA 43+23	REMOVE INLET																																																																																																																																																																																													
86	19' RT STA 44+10	INLETS TA T&G	514.73	518.60																																																																																																																																																																																											
87	11.75' RT STA 44+90	INLETS TA T3 F&G	515.05E	519.80																																																																																																																																																																																											
			516.76W																																																																																																																																																																																												
88	11.75' LT STA 44+90	INLETS TA T3 F&G	516.82	519.80																																																																																																																																																																																											
89	8' RT STA 45+42	MH TO BE ADJUST	513.56	519.81																																																																																																																																																																																											
90	16' RT 47+24	REMOVE INLET	NA	NA																																																																																																																																																																																											
91	14.75' RT STA 47+19	INLETS TA T3 F&G	516.10	518.42																																																																																																																																																																																											
92	15.97' LT STA 47+19	INLETS TA T15 F&L	516.90	519.05																																																																																																																																																																																											
93	19.5' LT STA 47+19	INLETS TA T&G	516.84	518.42																																																																																																																																																																																											

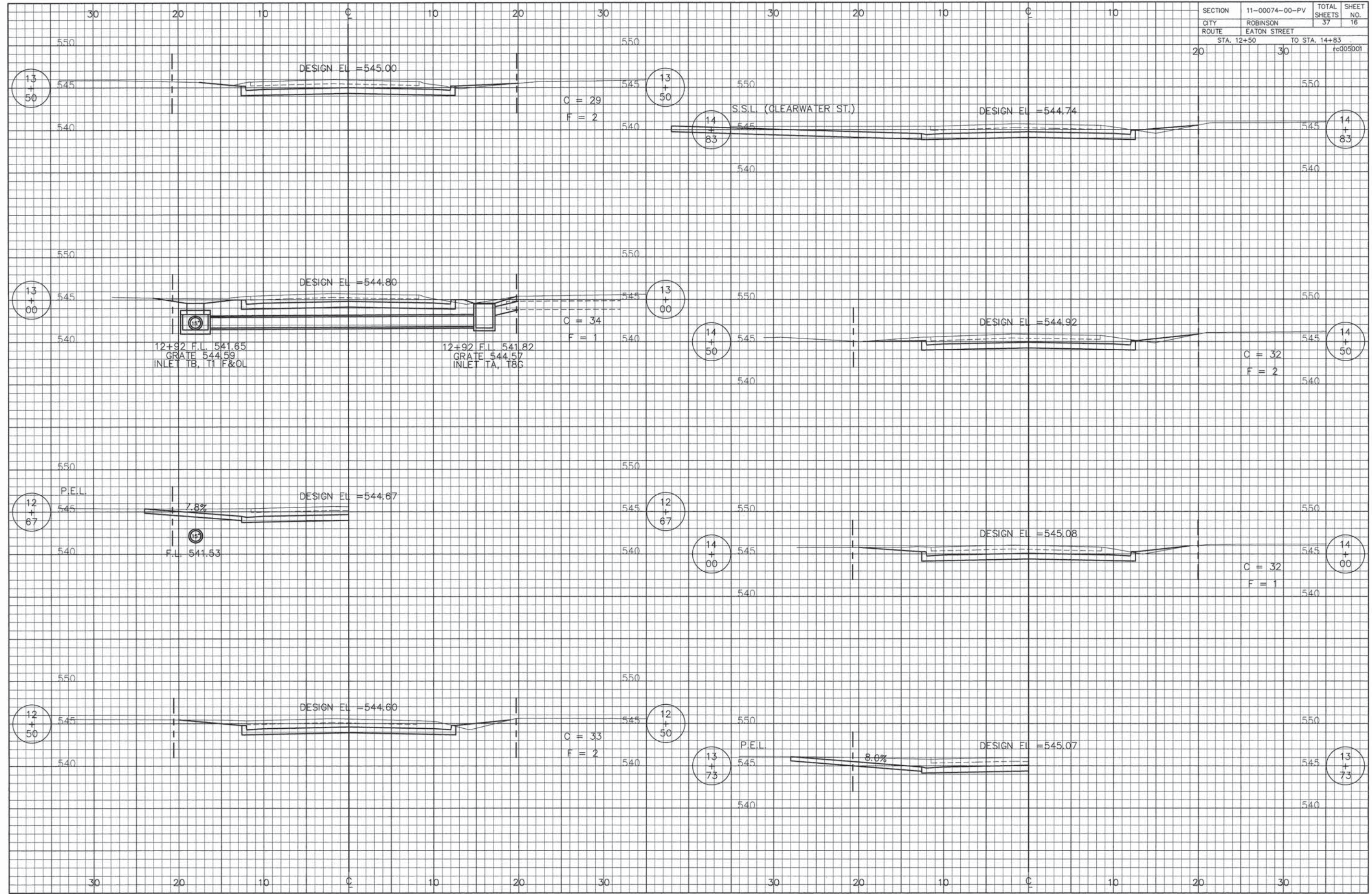
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	13
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 3+00		TO STA. 6+00		red02001	



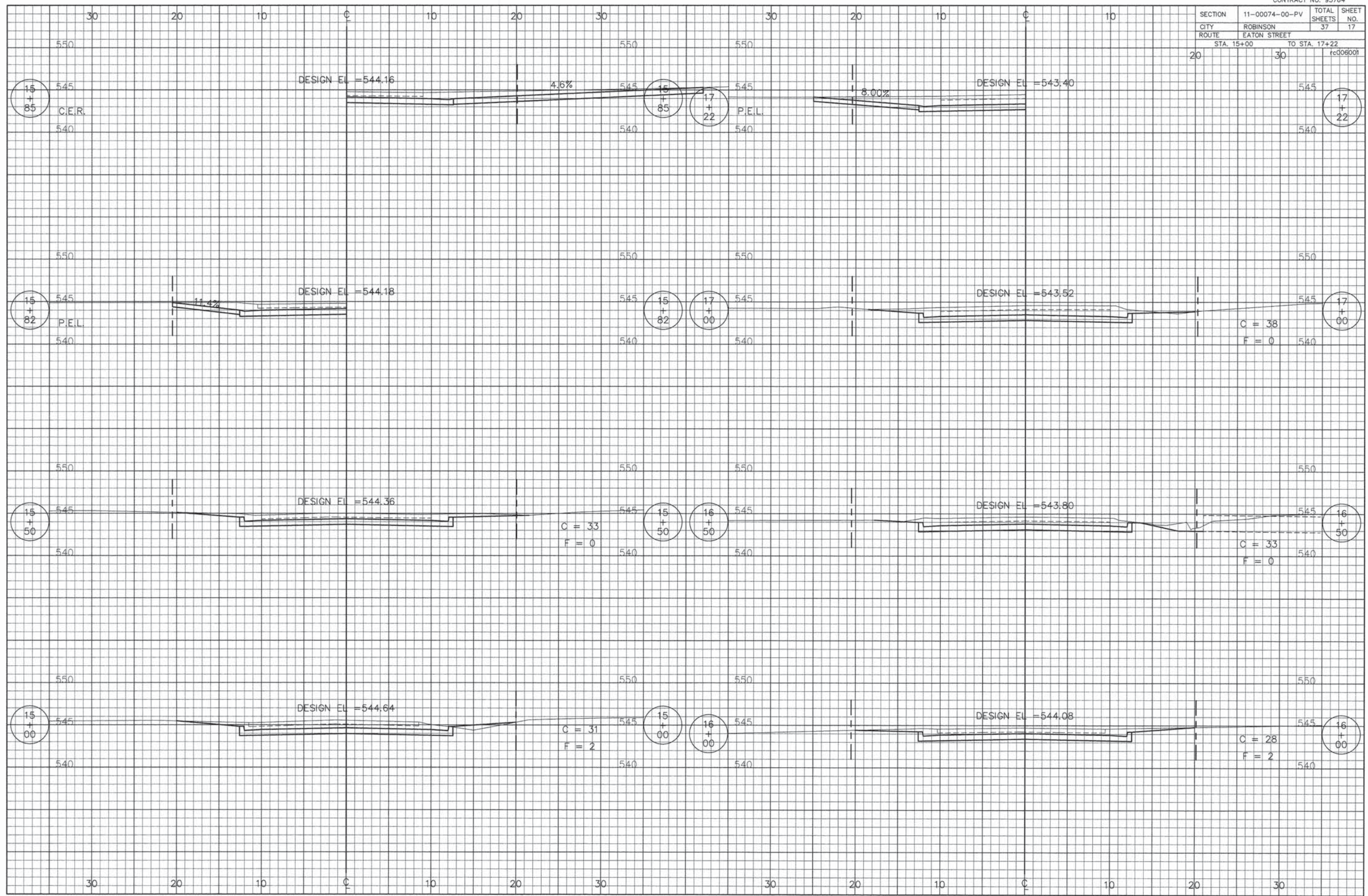
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	14
CITY	ROBINSON				
ROUTE	EATON STREET				
	STA. 6+50	TO STA.	9+00		
				rc003001	



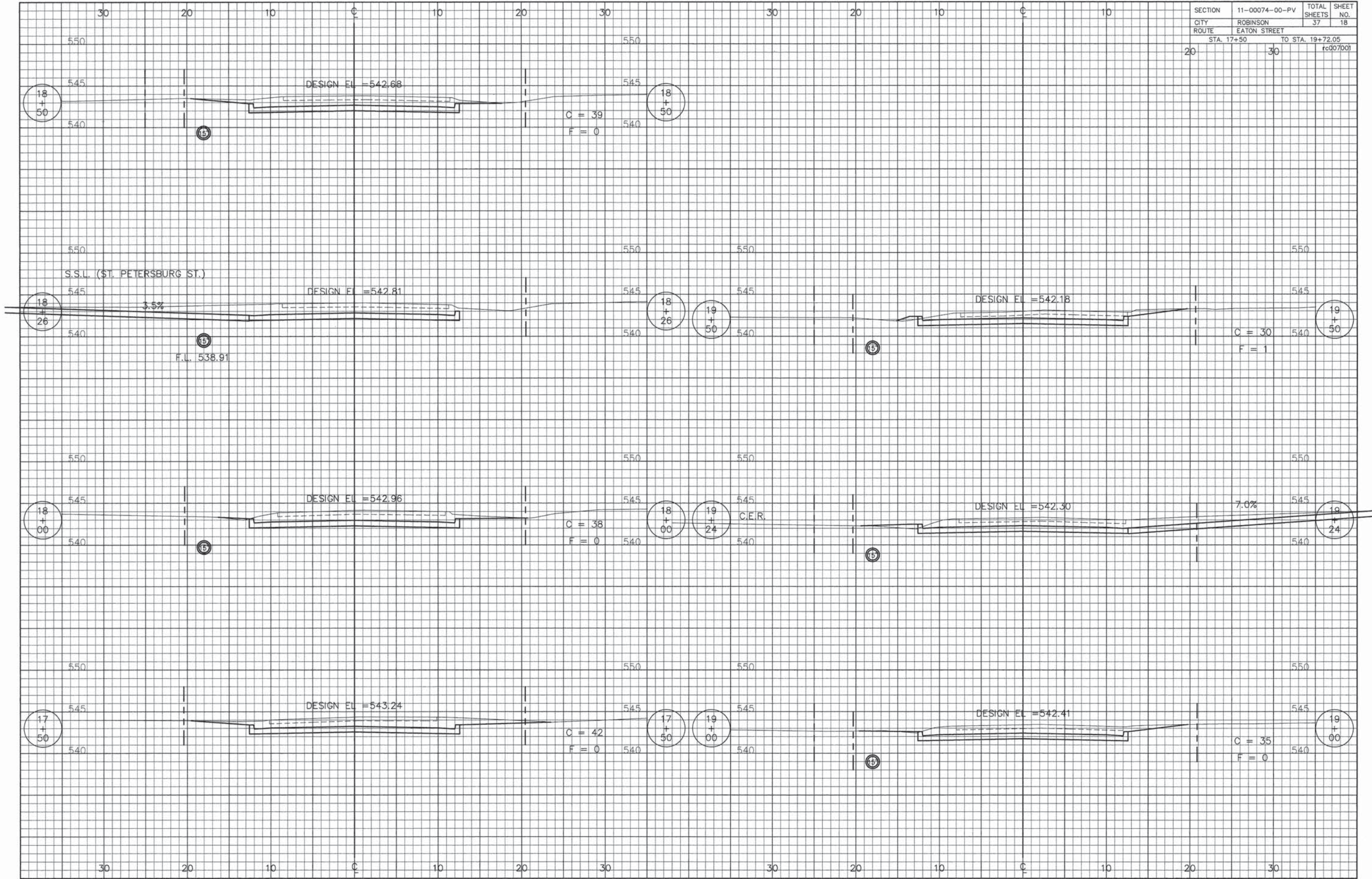
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	16
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 12+50		TO STA. 14+83		re005001	



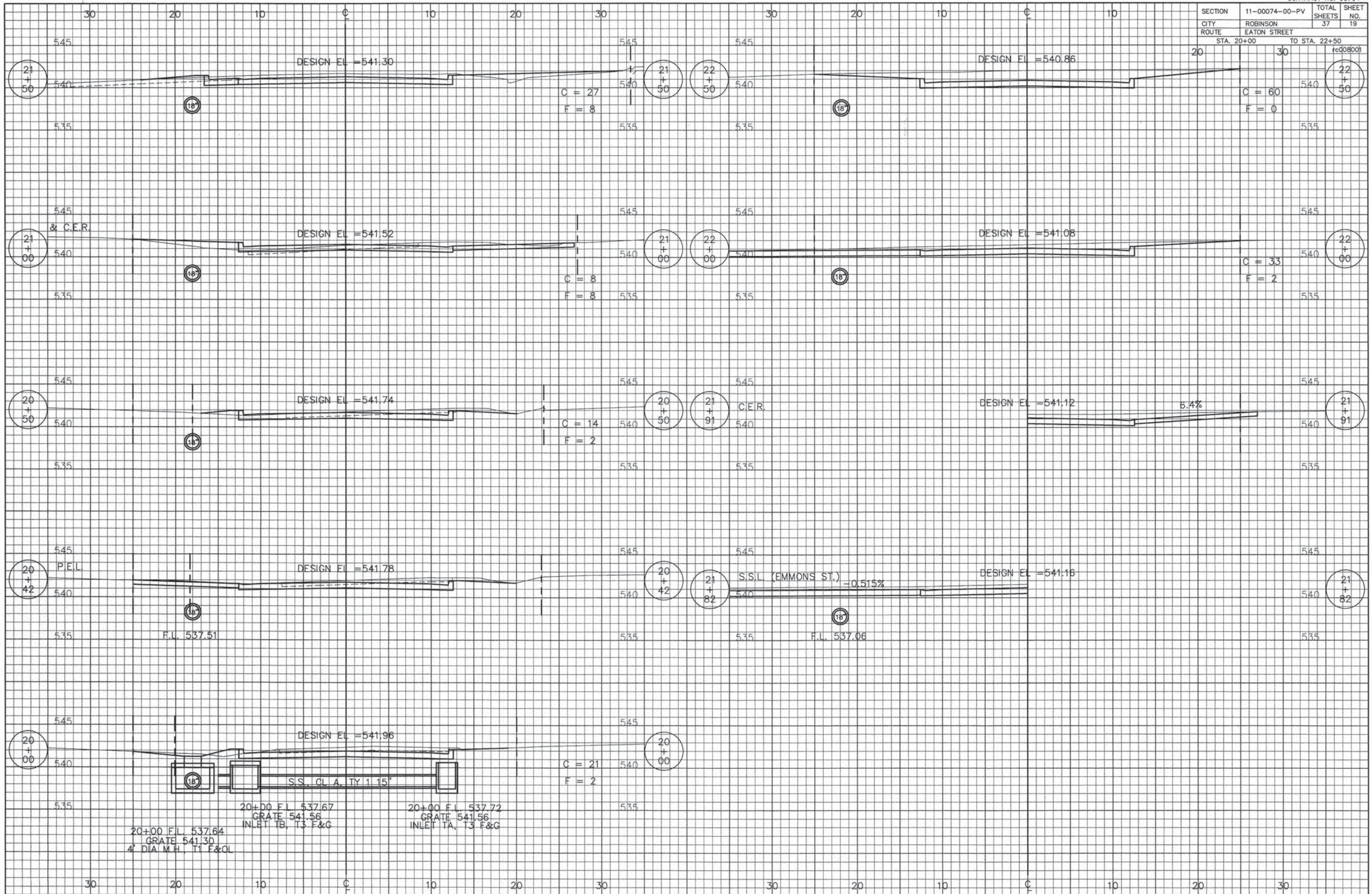
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	17
CITY	ROBINSON				
ROUTE	EATON STREET				
	STA. 15+00	TO STA.	17+22	re006001	



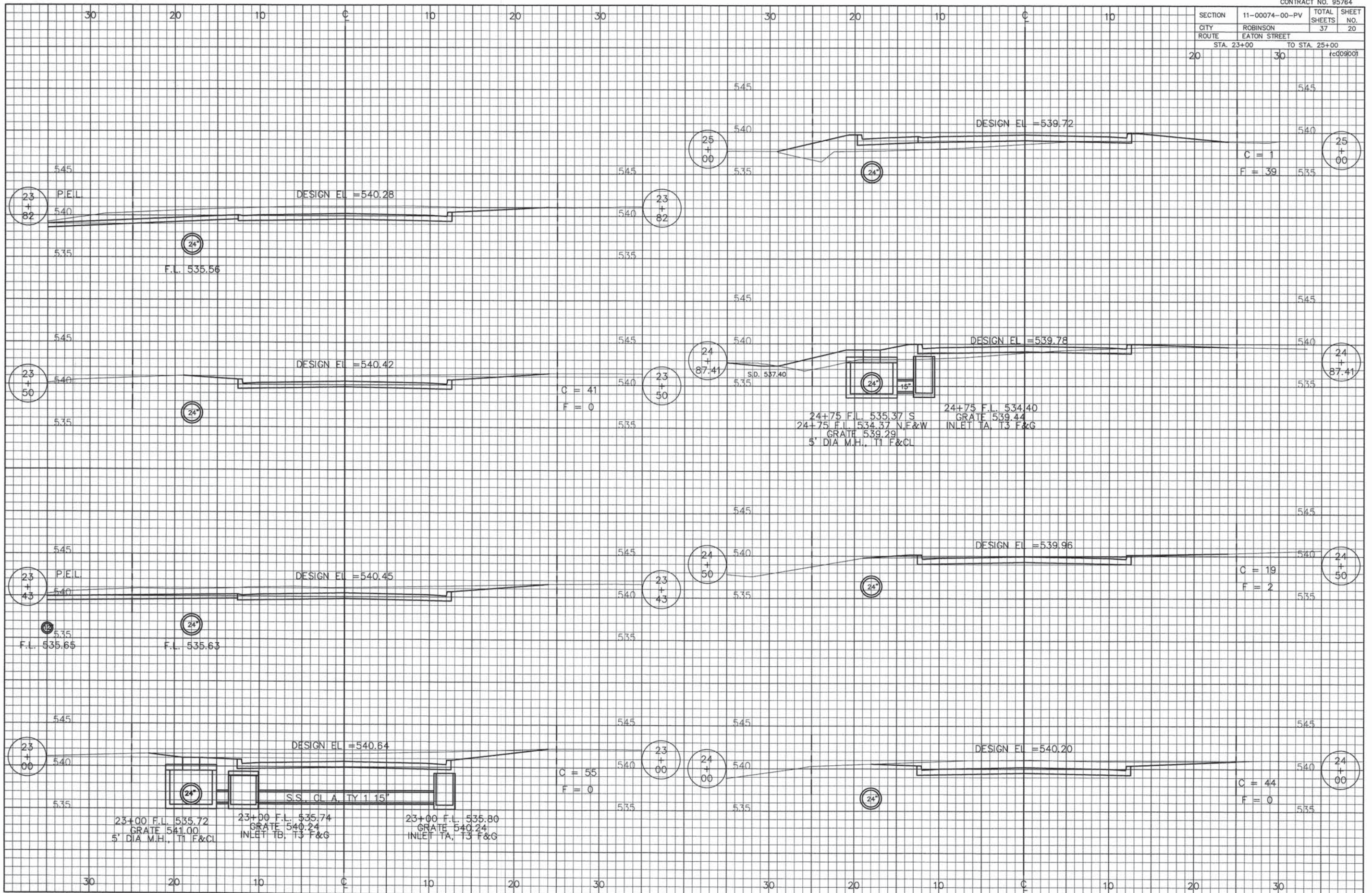
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	18
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 17+50		TO STA. 19+72.05		rc007001	



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	19
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 20+00		TO STA. 22+50		rec08001	



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	20
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 23+00		TO STA. 25+00			
20		30		rc009001	



23+00 F.L. 535.72
GRATE 541.00
5' DIA M.H., T1 F&CL

23+00 F.L. 535.74
GRATE 540.24
INLET TB, T3 F&G

23+00 F.L. 535.80
GRATE 540.24
INLET TA, T3 F&G

S.D. 537.40

24+75 F.L. 535.37 S
GRATE 539.44

24+75 F.L. 534.37 N.F&W
INLET TA, T3 F&G

24+75 F.L. 534.40
GRATE 539.44

5' DIA M.H., T1 F&CL

C = 41
F = 0

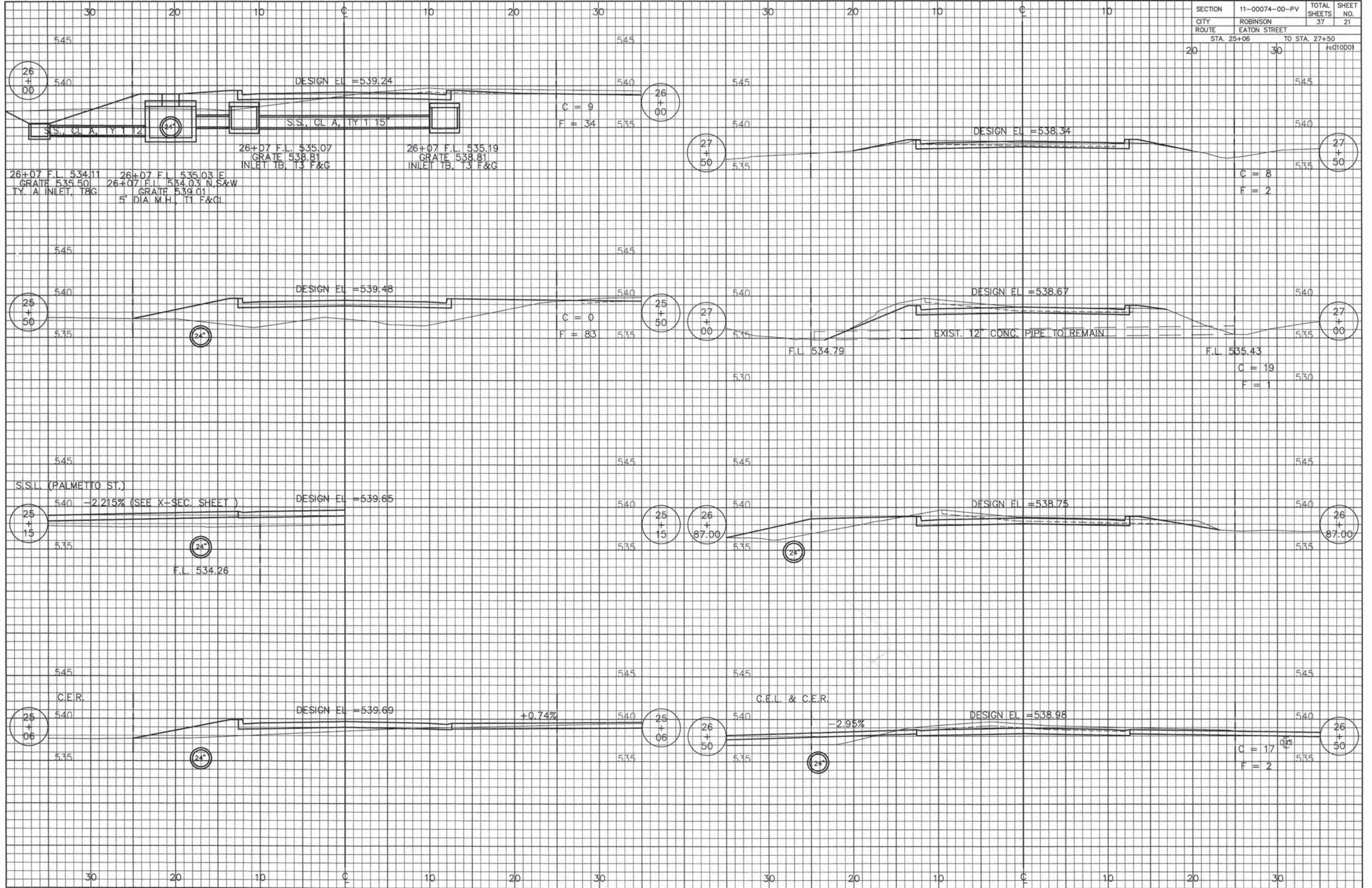
C = 55
F = 0

C = 1
F = 39

C = 19
F = 2

C = 44
F = 0

SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	21
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 25+06		TO STA. 27+50		red10001	



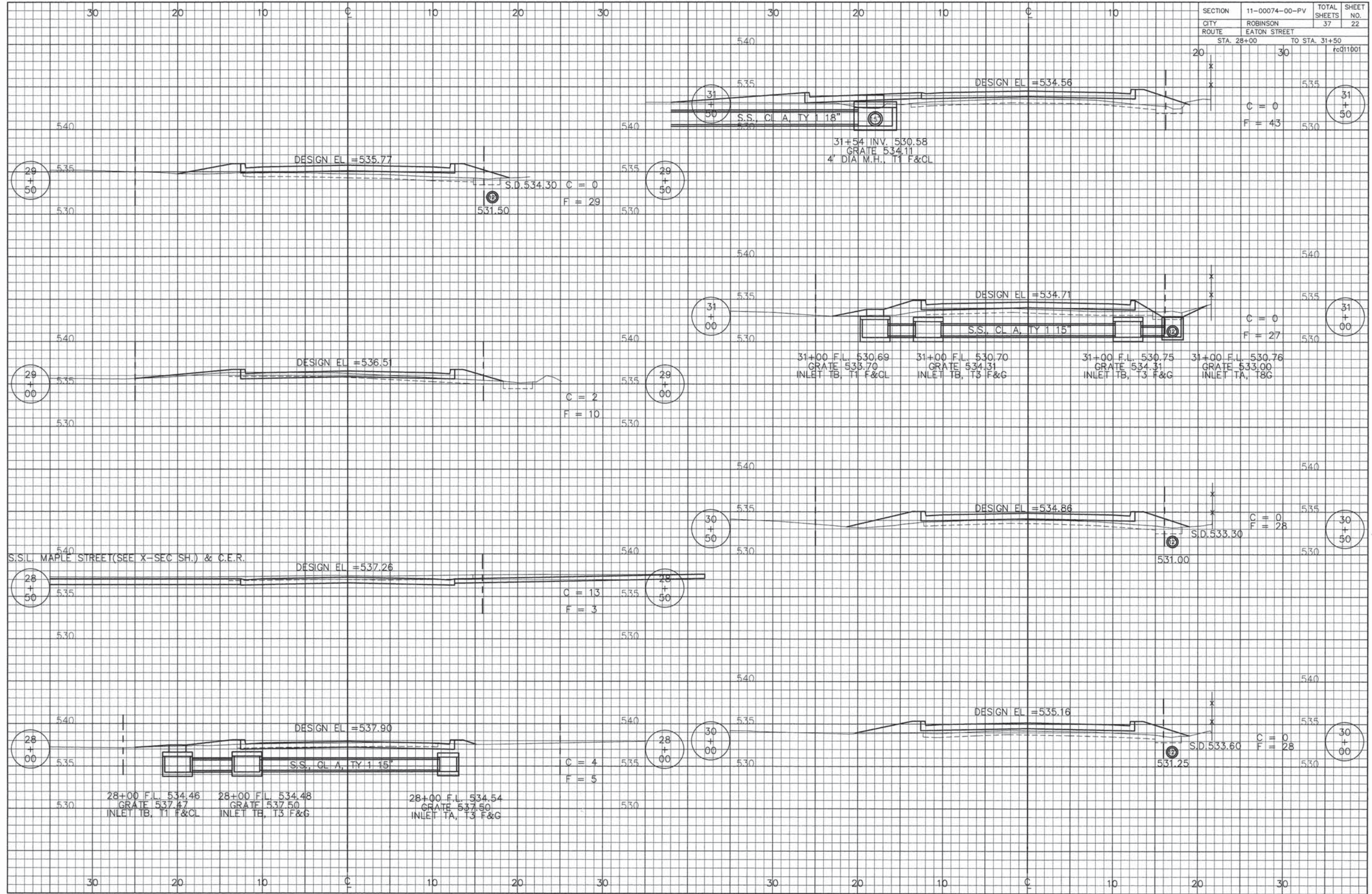
DESIGN EL = 539.24
 S.S., CL A, TY 12
 S.S., CL A, TY 15
 C = 9
 F = 34
 26+07 F.L. 535.07
 GRATE 538.81
 INLET TB. 13 F&G
 26+07 F.L. 535.19
 GRATE 538.81
 INLET TB. 13 F&G
 26+07 F.L. 534.11
 GRATE 535.50
 TY. A INLET, T8G
 26+07 F.L. 535.03 E
 26+07 F.L. 534.03 N,S&W
 GRATE 539.01
 5' DIA M.H., T1 F&G1

DESIGN EL = 539.48
 C = 0
 F = 83
 25+50
 27+00
 F.L. 534.79
 F.L. 535.43
 C = 19
 F = 1

S.S.L. (PALMETTO ST.)
 540 -2.215% (SEE X-SEC. SHEET)
 DESIGN EL = 539.65
 25+15
 24
 F.L. 534.26

C.E.R.
 DESIGN EL = 539.69
 +0.74%
 25+06
 26+50
 C.E.L. & C.E.R.
 -2.95%
 DESIGN EL = 538.98
 C = 17
 F = 2
 26+50

SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	22
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 28+00		TO STA. 31+50		re011001	



DESIGN EL = 535.77
 S.D. 534.30 C = 0
 F = 29
 531.50

DESIGN EL = 534.56
 31+54 INV. 530.58
 GRATE 534.11
 4' DIA M.H., T1 F&CL
 C = 0
 F = 43

DESIGN EL = 536.51
 C = 2
 F = 10

DESIGN EL = 534.71
 31+00 F.L. 530.69 GRATE 533.70 INLET TB, T1 F&CL
 31+00 F.L. 530.70 GRATE 534.31 INLET TB, T3 F&G
 31+00 F.L. 530.75 GRATE 534.31 INLET TB, T3 F&G
 31+00 F.L. 530.76 GRATE 533.00 INLET TA, T8G
 C = 0
 F = 27

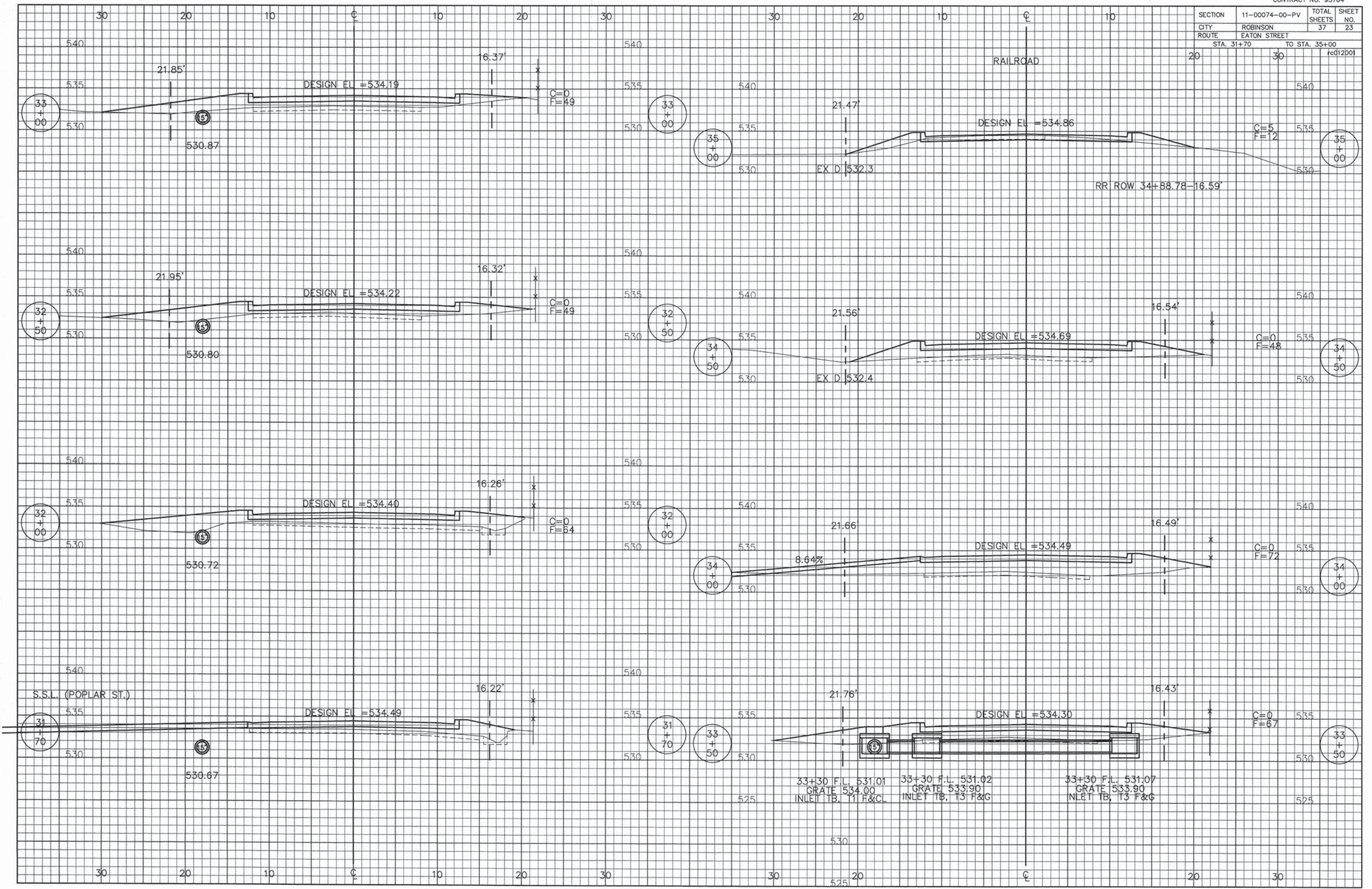
S.S.L. MAPLE STREET (SEE X-SEC SH.) & C.E.R.
 DESIGN EL = 537.26
 C = 13
 F = 3

DESIGN EL = 534.86
 S.D. 533.30
 531.00
 C = 0
 F = 28

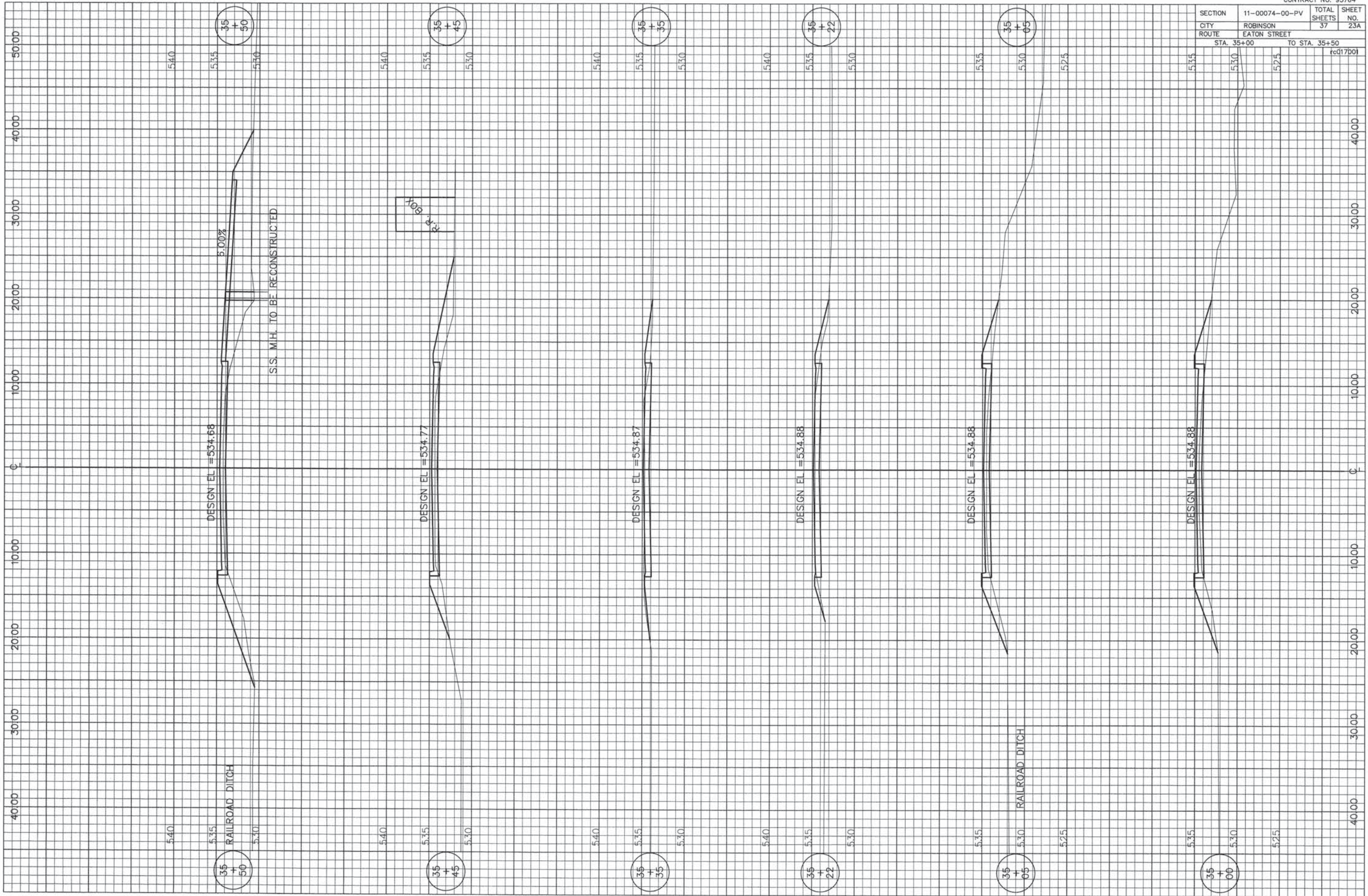
DESIGN EL = 537.90
 28+00 F.L. 534.46 GRATE 537.47 INLET TB, T1 F&CL
 28+00 F.L. 534.48 GRATE 537.50 INLET TB, T3 F&G
 28+00 F.L. 534.54 GRATE 537.50 INLET TA, T3 F&G
 C = 4
 F = 5

DESIGN EL = 535.16
 S.D. 533.60
 531.25
 C = 0
 F = 28

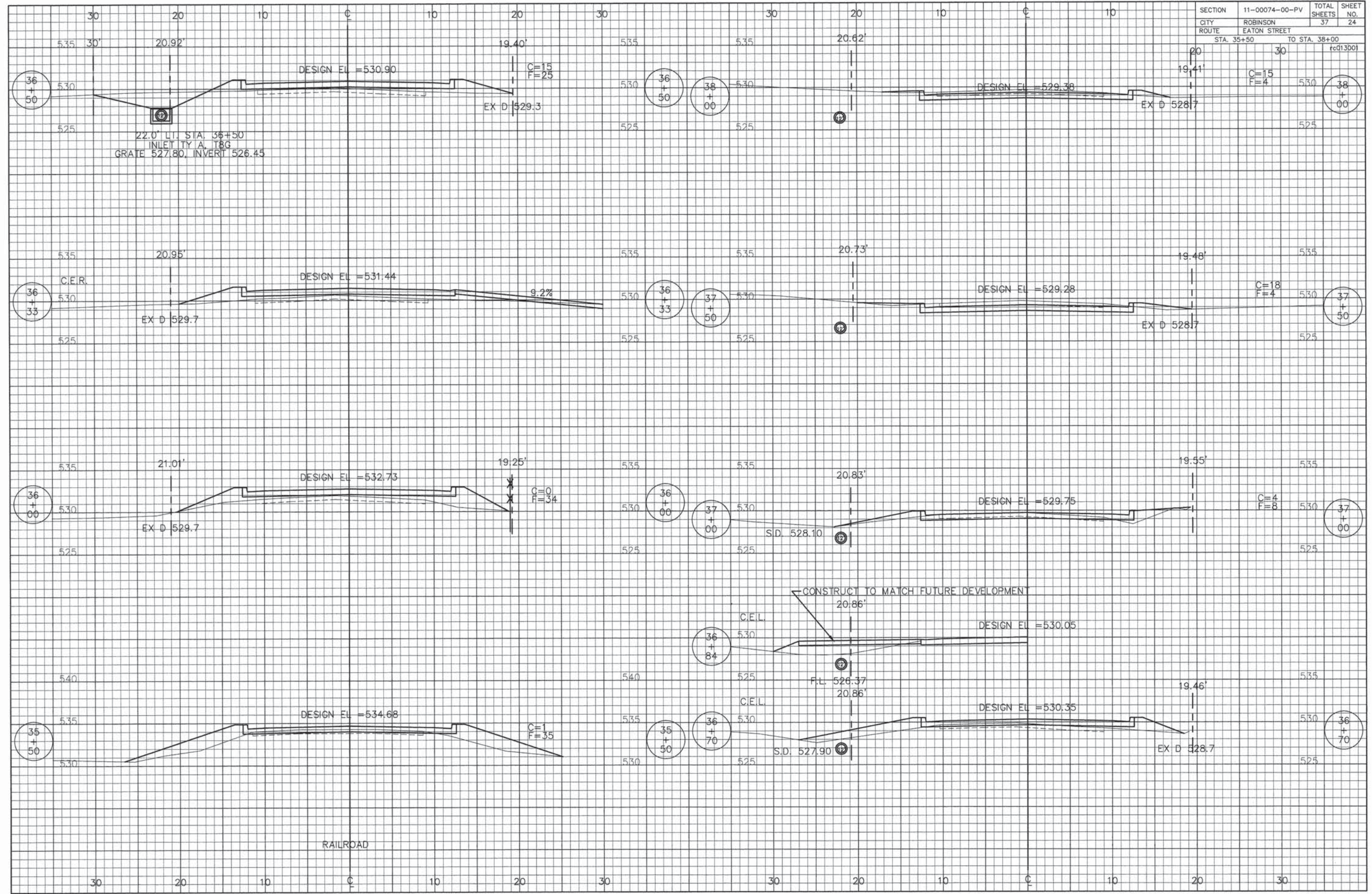
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	23
CITY	ROBINSON				
ROUTE	EATON STREET				
STA.	31+70	TO STA.	35+00	red12001	



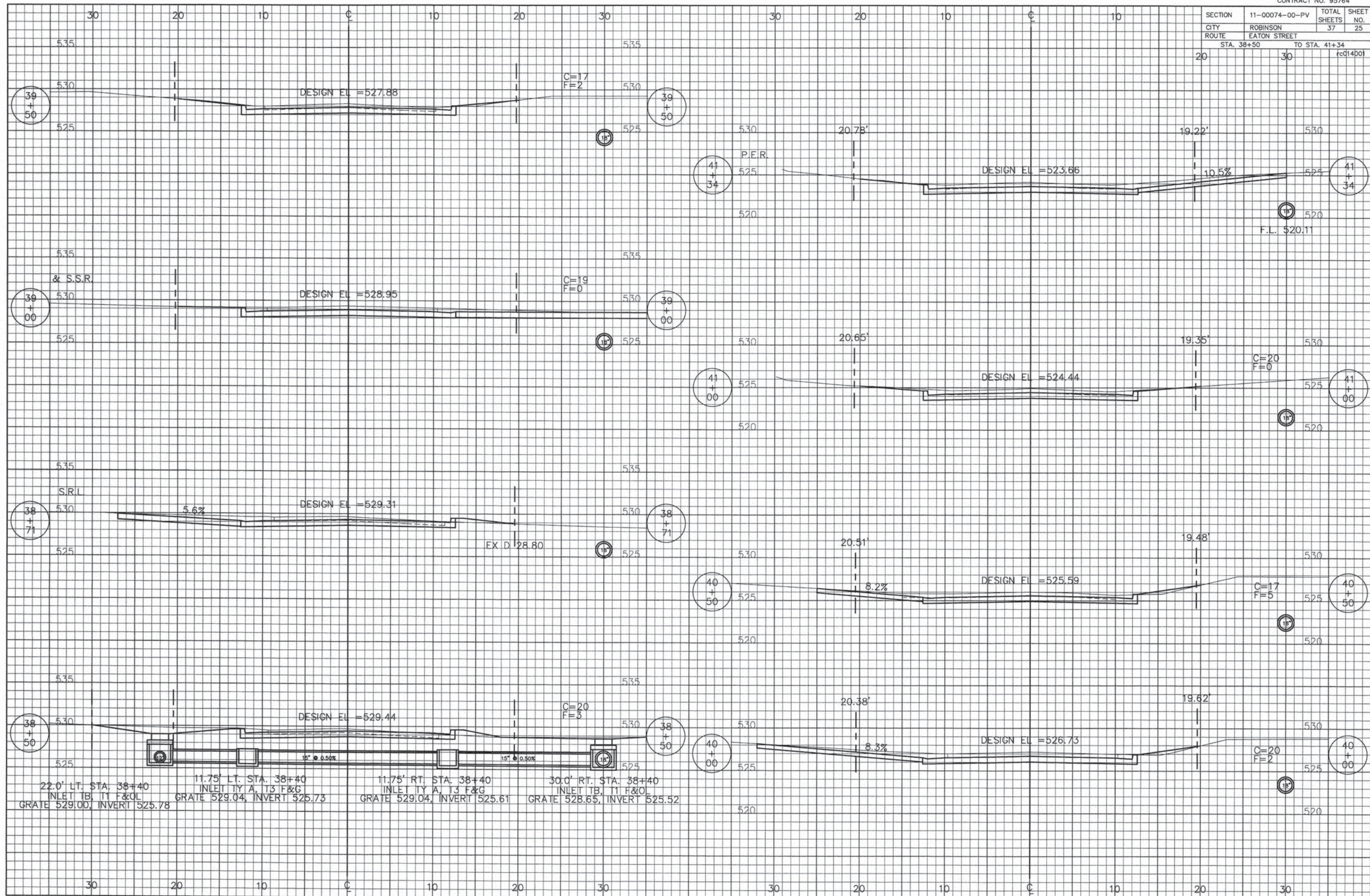
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	23A
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 35+00		TO STA. 35+50		rc017001	



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	24
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 35+50		TO STA. 38+00		rc013001	

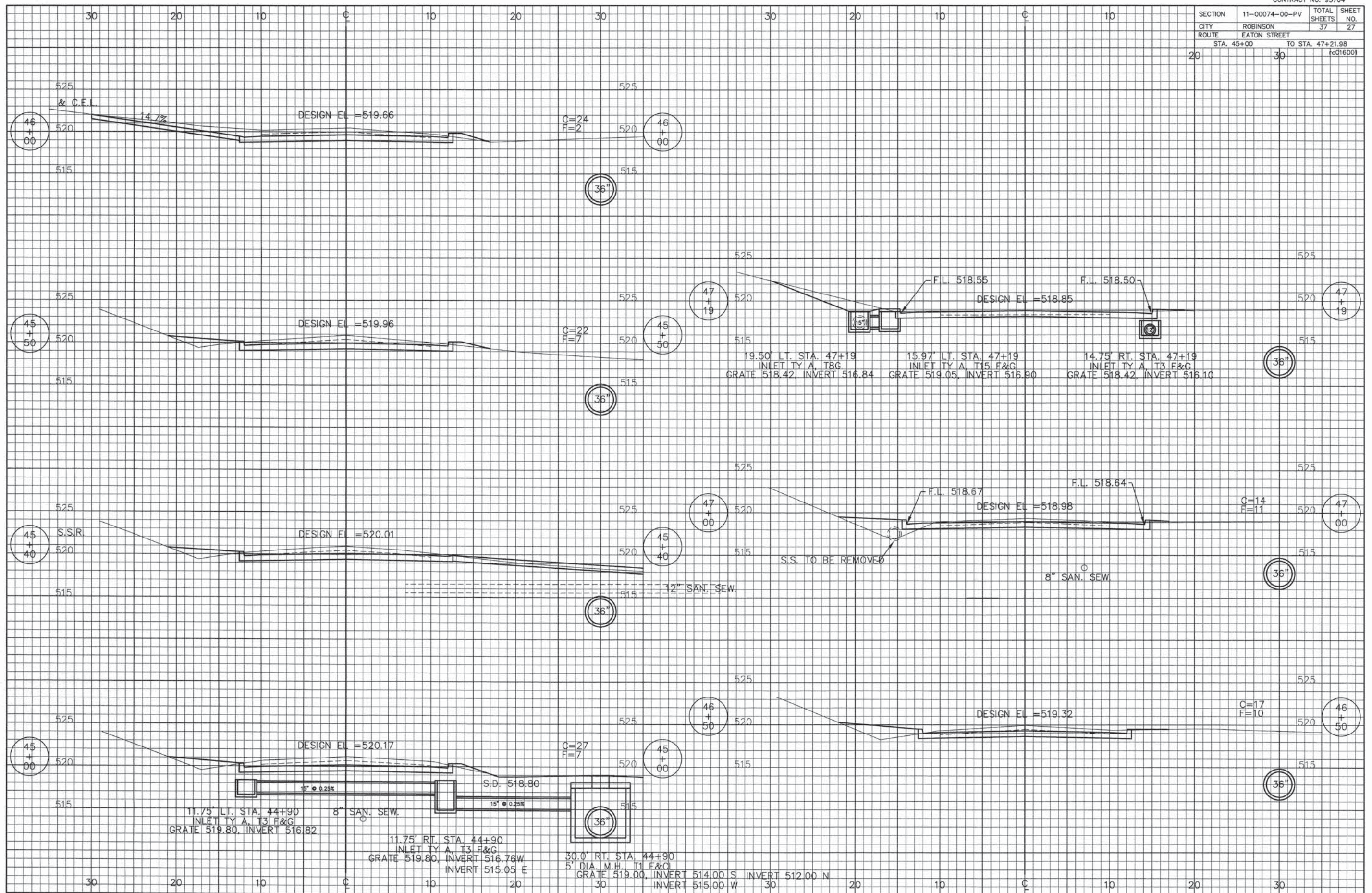


SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	25
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 38+50		TO STA. 41+34		rc014001	



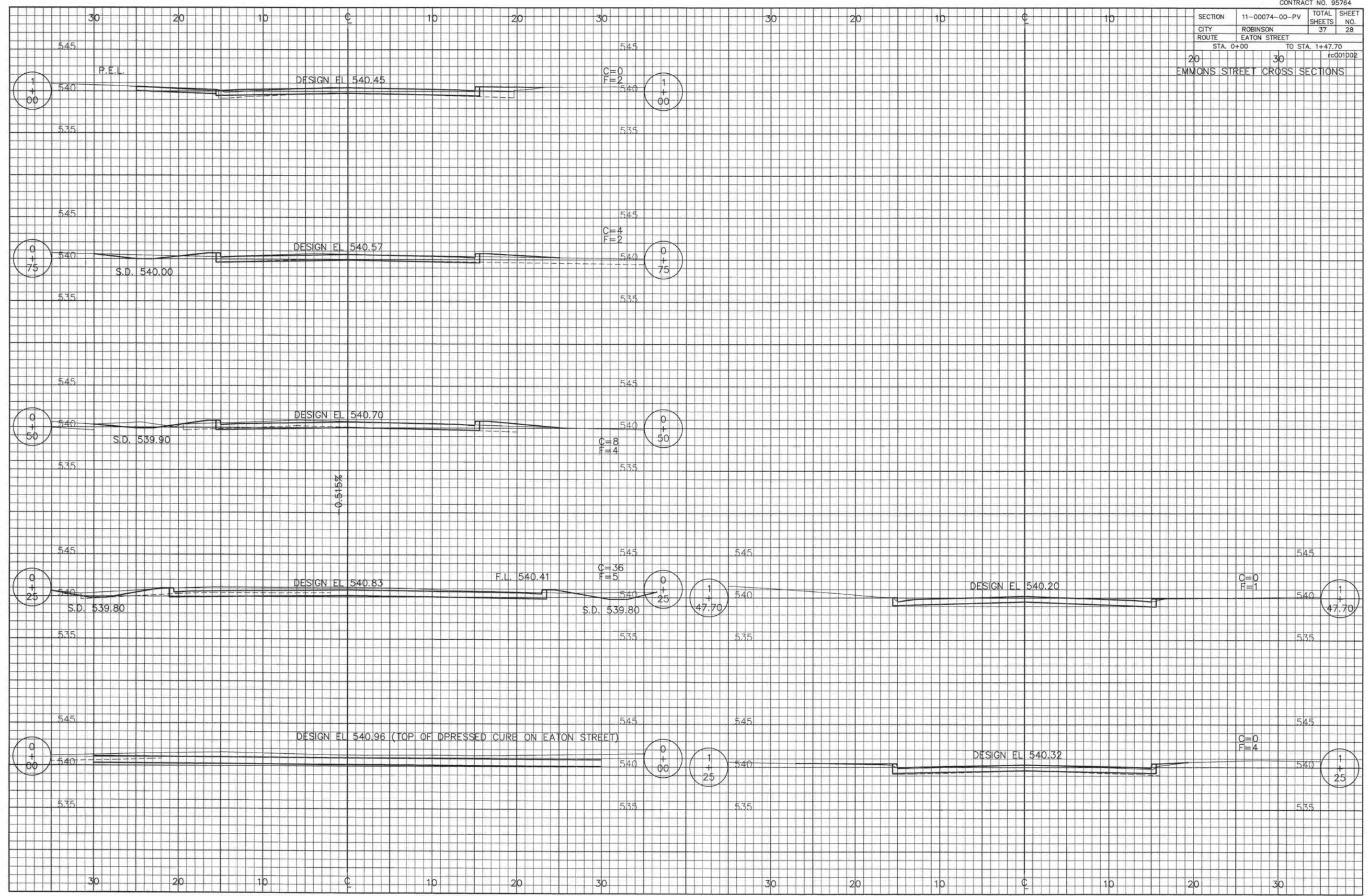
22.0' LT. STA. 38+40 INLET TB, 11 F&O, GRATE 529.00, INVERT 525.78
 11.75' LT. STA. 38+40 INLET TY A, 13 F&G, GRATE 529.04, INVERT 525.73
 11.75' RT. STA. 38+40 INLET TY A, 13 F&G, GRATE 529.04, INVERT 525.61
 30.0' RT. STA. 38+40 INLET TB, 11 F&O, GRATE 528.65, INVERT 525.52

SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	27
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 45+00		TO STA. 47+21.98		rc016001	



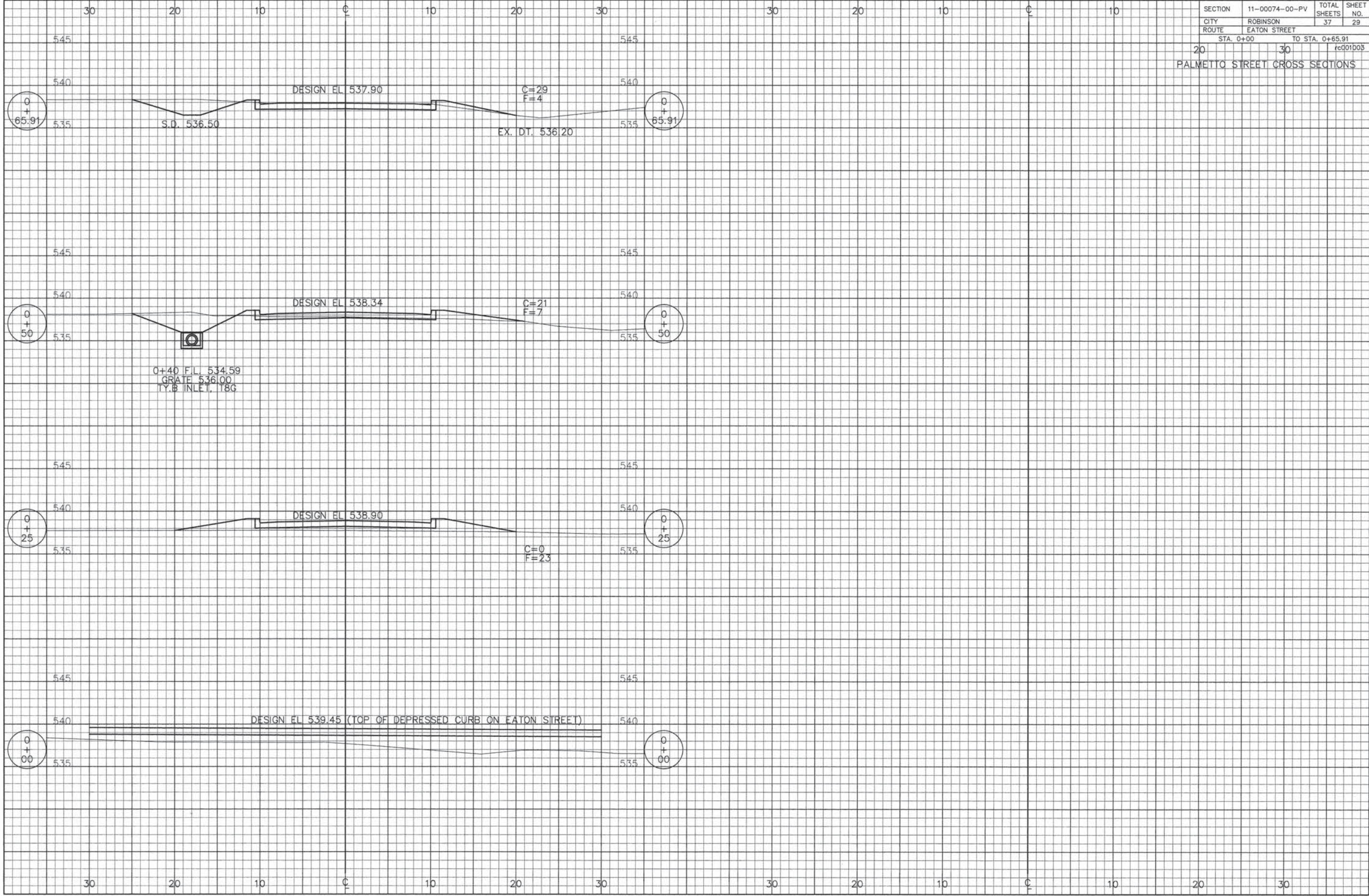
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	28
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 0+00		TO STA. 1+47.70		rc001002	

EMMONS STREET CROSS SECTIONS

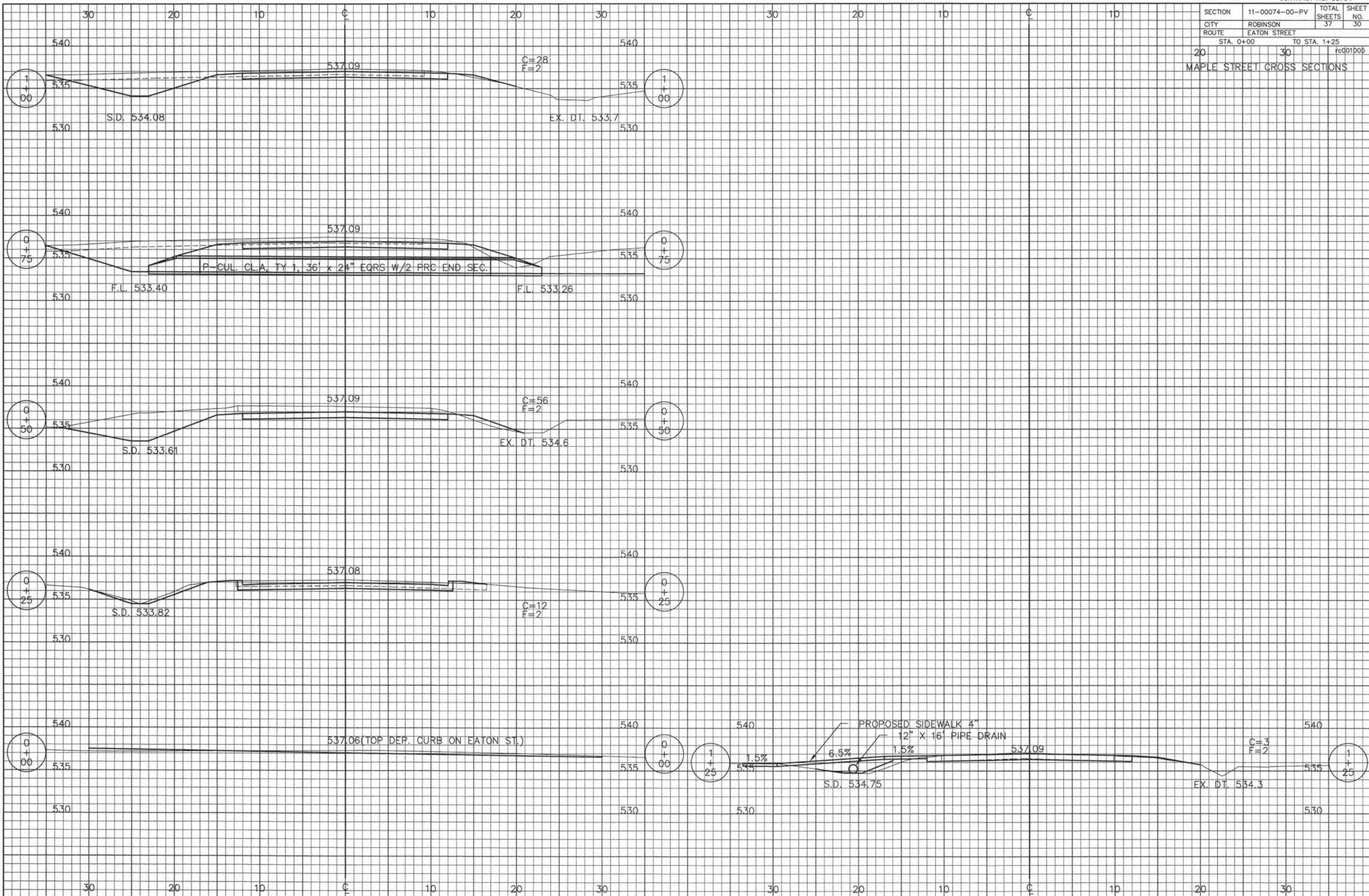


SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	29
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 0+00		TO STA. 0+65.91			

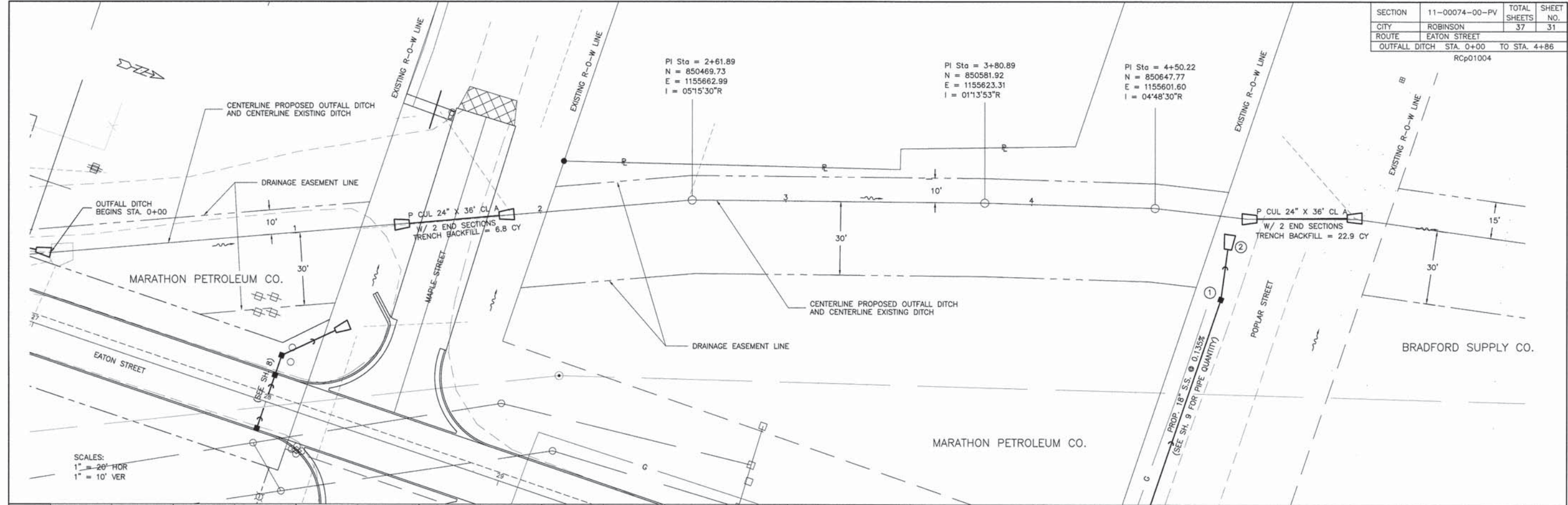
PALMETTO STREET CROSS SECTIONS



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	30
CITY	ROBINSON				
ROUTE	EATON STREET				
STA. 0+00		TO STA. 1+25			
20		30			
MAPLE STREET CROSS SECTIONS					



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	31
CITY	ROBINSON				
ROUTE	EATON STREET				
OUTFALL DITCH	STA. 0+00 TO STA. 4+86				
RCp01004					



SCALES:
 1" = 20' HOR
 1" = 10' VER

INLET & PIPE PROTECTION
 TOTAL THIS SHEET = 2 EACH

INCIDENTAL HMA RESURFACING 3"
 POPLAR ST. @ P CUL = 3 TON

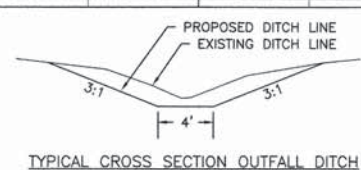
AGGREGATE BASE CSE, TY B 6"
 POPLAR ST. @ P CUL = 6 TON

SEEDING, CLASS 1 (SPECIAL)
 OUTFALL DITCH STA. 0+00 TO STA. 8+56 = 0.6 ACRES

PRECAST CONCRETE FLARED END SECTION 24"
 MAPLE ST. @ OUTFALL DITCH = 2 EACH
 POPLAR ST. @ OUTFALL DITCH = 2 EACH
 TOTAL = 4 EACH

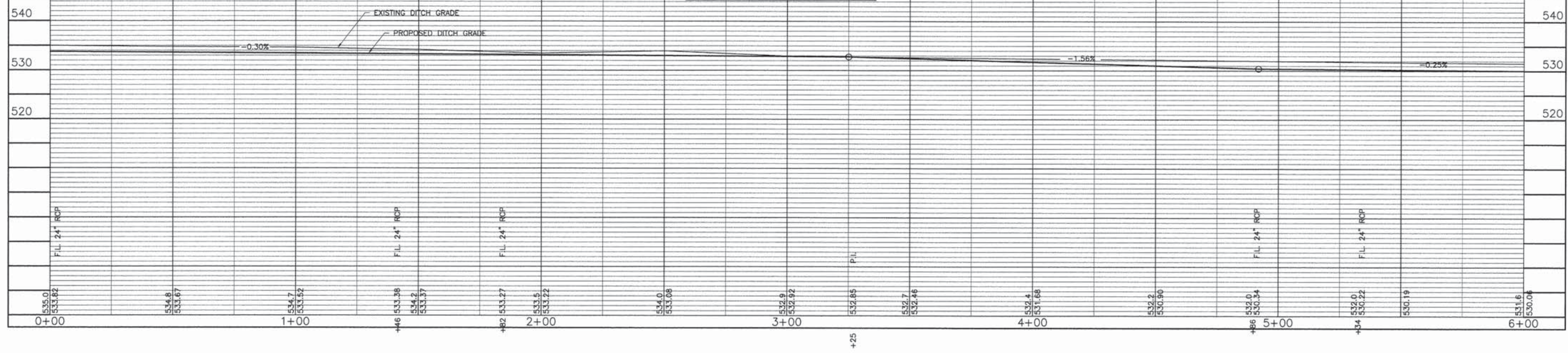
PIPE CULVERTS, CL. A, TY 1, 24"
 MAPLE ST. @ OUTFALL DITCH = 36 FEET
 POPLAR ST. @ OUTFALL DITCH = 36 FEET
 TOTAL = 72 FEET

TRENCH BACKFILL
 MAPLE ST. @ OUTFALL DITCH = 6.8 CU YD
 POPLAR ST. @ OUTFALL DITCH = 22.9 CU YD
 TOTAL = 29.7 CU YD

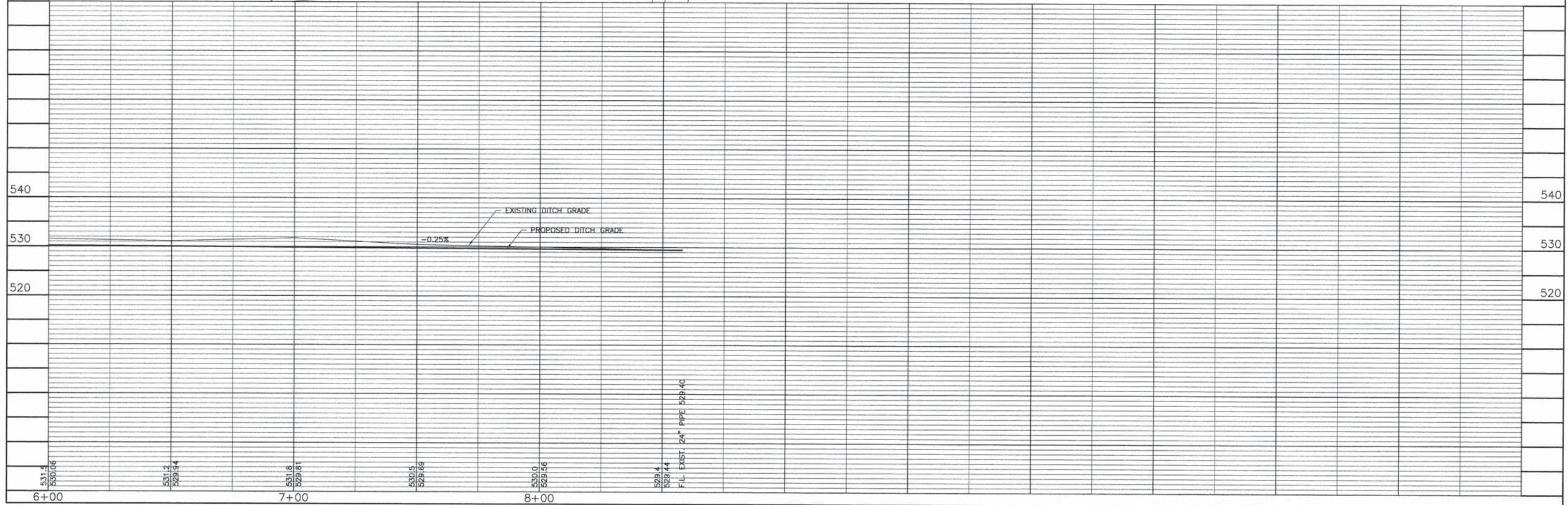
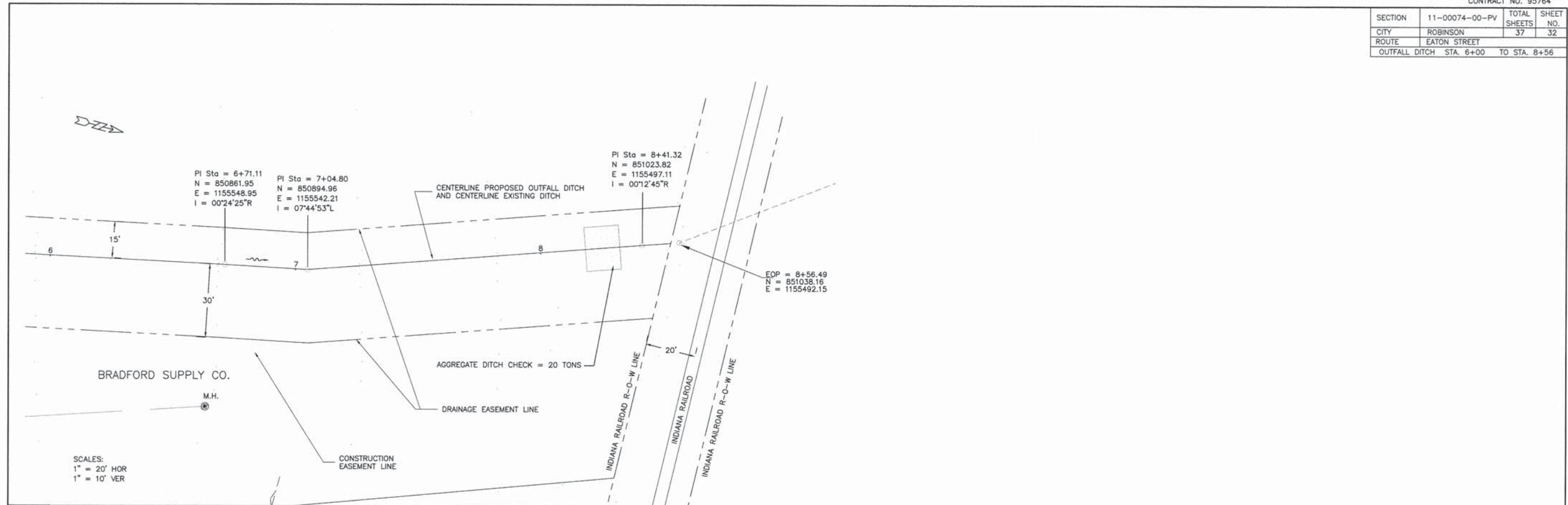


DRAINAGE STRUCTURES

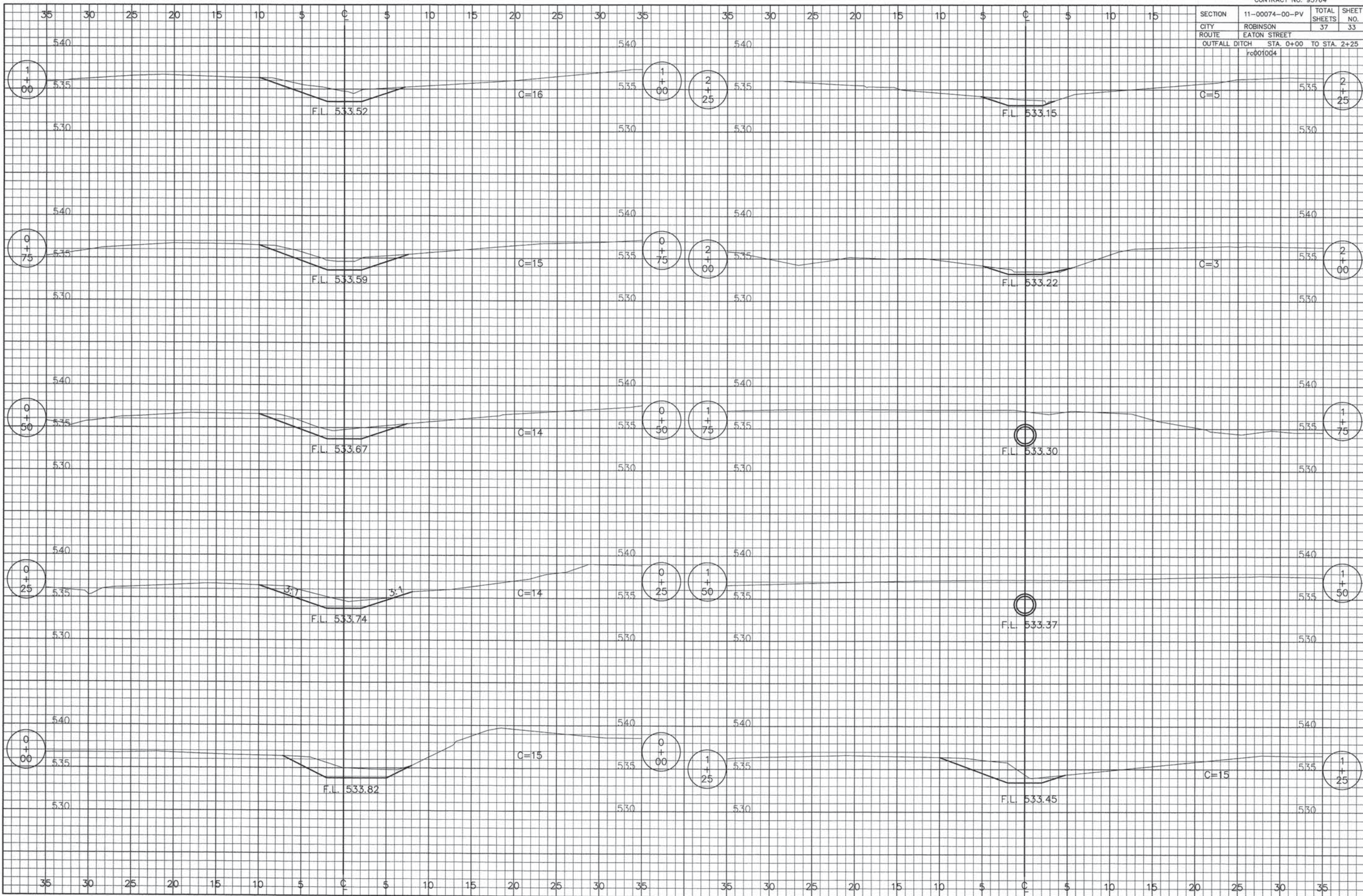
NO	TYPE	INVERT	GRATE
1	INLET TB T8G	530.38	535.00
2	PRC FLARED END SEC	530.34	N/A



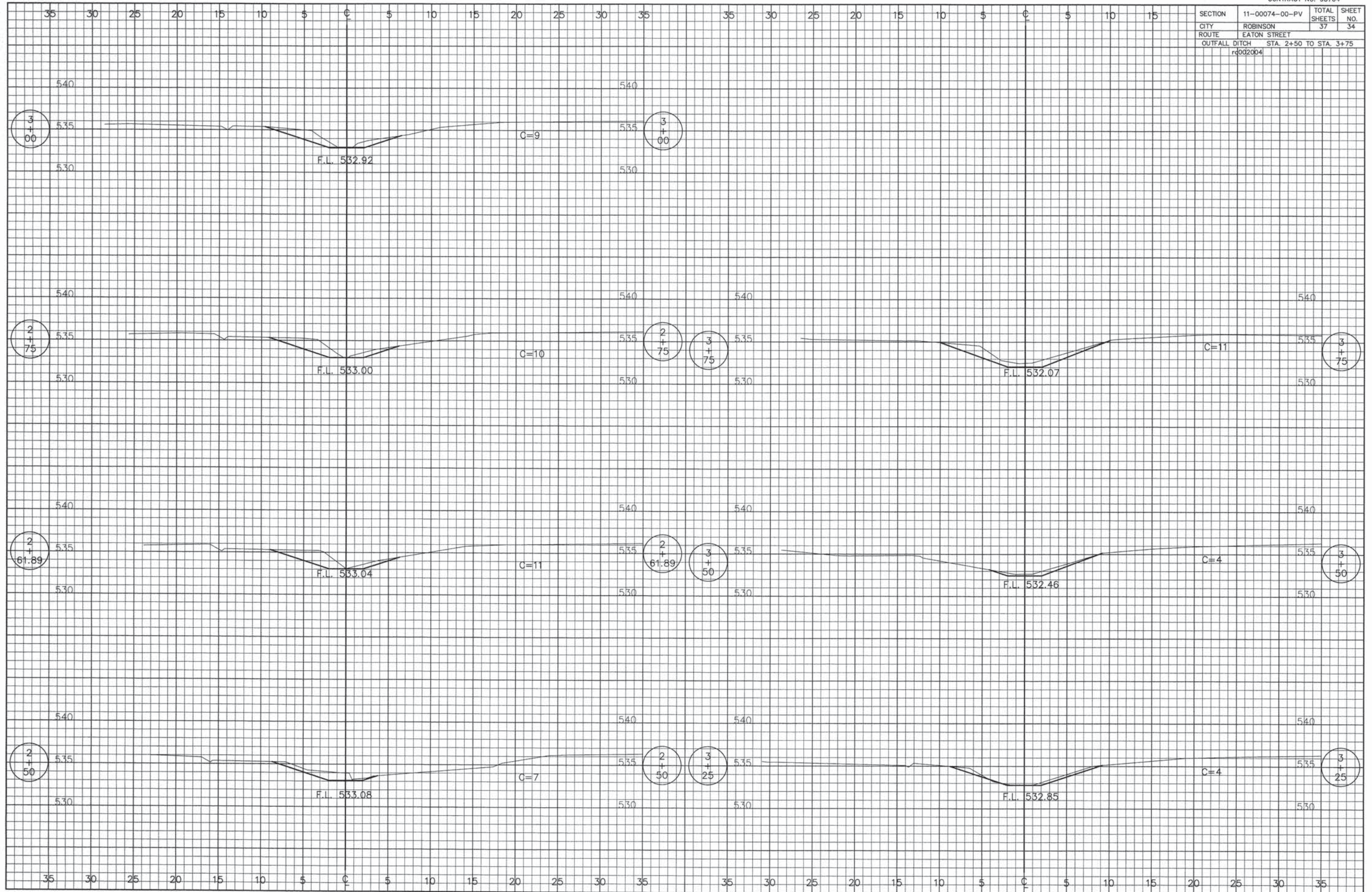
SECTION	11-00074-00-PV	TOTAL SHEETS	SHEET NO.
CITY	ROBINSON	37	32
ROUTE	EATON STREET		
OUTFALL DITCH STA. 6+00 TO STA. 8+56			



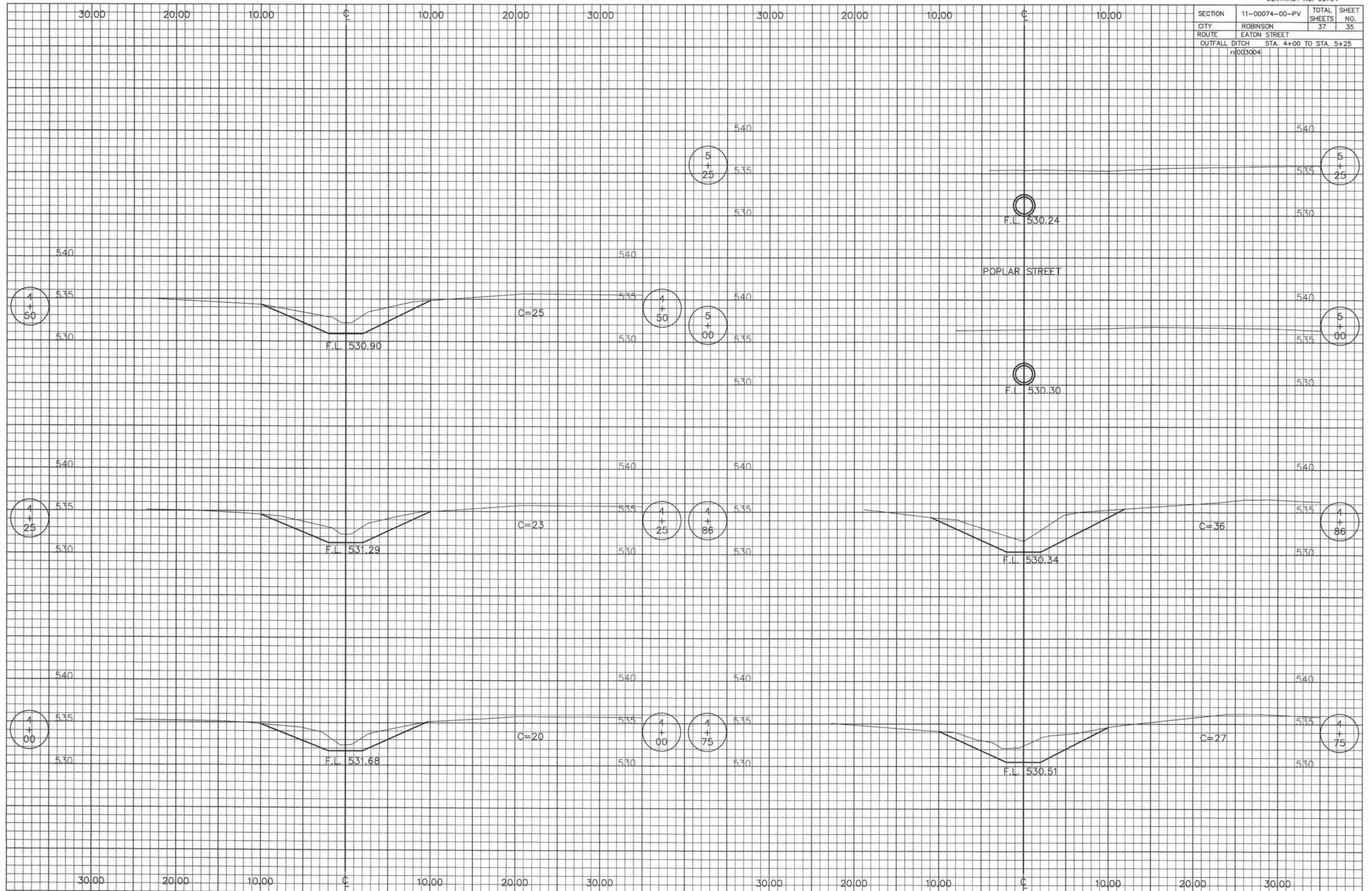
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	33
CITY	ROBINSON				
ROUTE	EATON STREET				
OUTFALL DITCH	STA. 0+00 TO STA. 2+25				
rc001004					



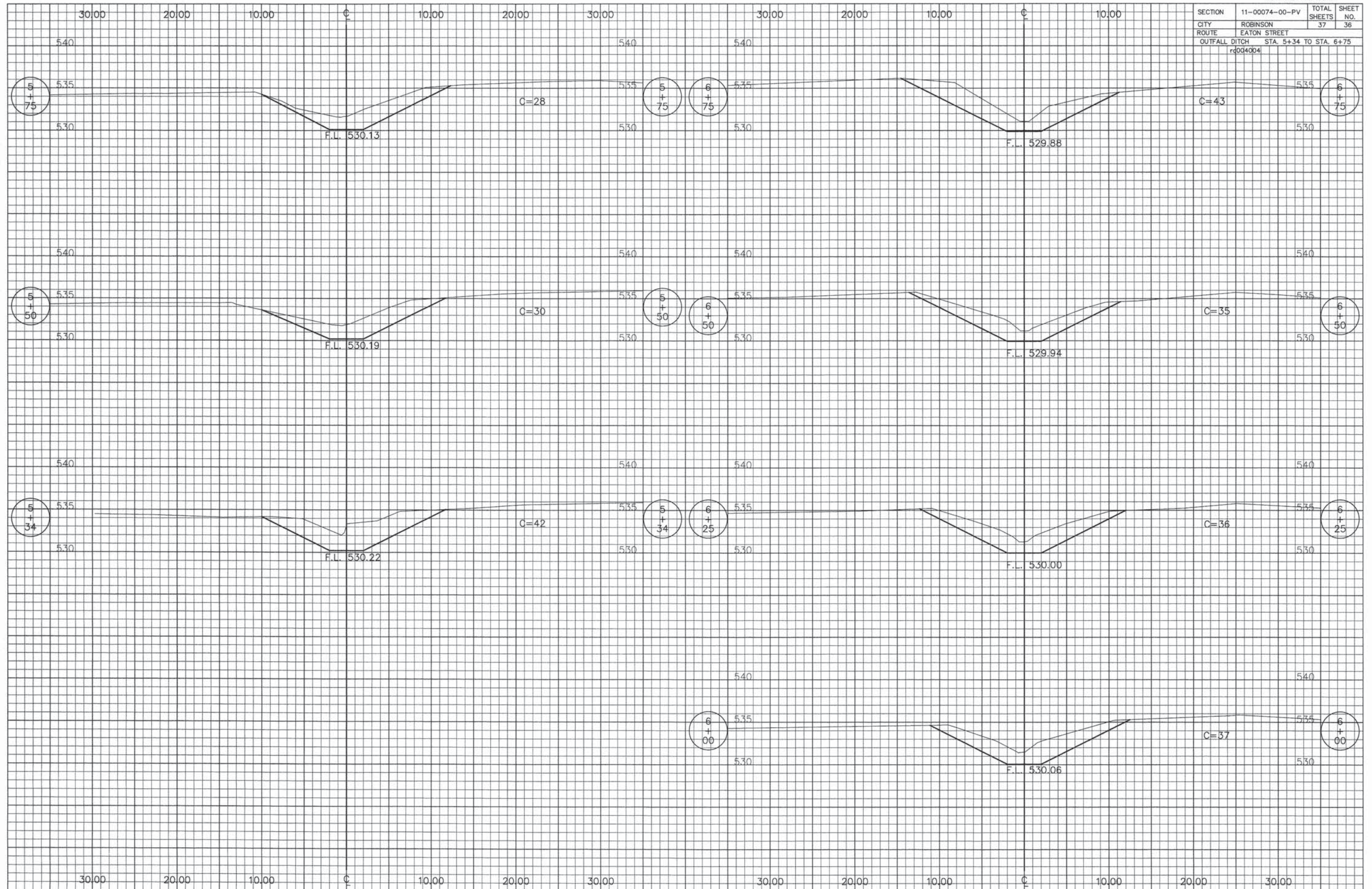
SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	34
CITY	ROBINSON				
ROUTE	EATON STREET				
OUTFALL DITCH	STA. 2+50 TO STA. 3+75				
	rd002004				



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	35
CITY	ROBINSON				
ROUTE	EATON STREET				
OUTFALL DITCH	STA. 4+00 TO STA. 5+25				
	rd003004				



SECTION	11-00074-00-PV	TOTAL SHEETS	37	SHEET NO.	36
CITY	ROBINSON				
ROUTE	EATON STREET				
OUTFALL DITCH	STA. 5+34 TO STA. 6+75				
	rd004004				



SECTION	11-00074-00-PV	TOTAL SHEETS	37
CITY	ROBINSON	SHEET NO.	37
ROUTE	EATON STREET		
OUTFALL DITCH	STA. 7+00 TO STA. 8+50		
	r4005004		

