

11-05-2021 LETTING ITEM 081

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	1

PLANS FOR PROPOSED SURFACE  
TRANSPORTATION PROGRAM  
RURAL



FAS 428 (C.H. 11 / MAIN STREET)  
SECTION NO. 15-00127-00-RS  
PROJECT NO. 3W9P(740)  
JOB NO. C-96-047-18  
VILLAGE OF BASCO  
HANCOCK COUNTY, ILLINOIS

DESIGN GUIDELINES: RECONSTRUCTION

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES/ SUMMARY OF QUANTITIES
3	SUMMARY OF QUANTITIES
4 - 9	TYPICAL SECTIONS AND DETAILS
10 - 16	SCHEDULE OF QUANTITIES
17	ALIGNMENT, TIES AND BENCHMARKS
18 - 21	REMOVAL PLAN
22 - 28	PLAN & PROFILE
29 - 32	EROSION CONTROL PLAN
33 - 37	INTERSECTION DETAIL PLAN
38 - 44	DRIVEWAY CROSS SECTIONS
45 - 64	ROADWAY CROSS SECTIONS

STANDARDS

000001-08	701001-02
280001-07	701006-05
420001-09	701011-04
424001-11	701301-04
602301-04	701306-04
602401-07	701311-03
602402-03	701801-06
604001-05	701901-08
604011-05	780001-05
604036-03	BLR 17-4
604101-01	BLR 21-9
604106-01	BLR 22-7
606001-07	
602306-03	
604066-02	

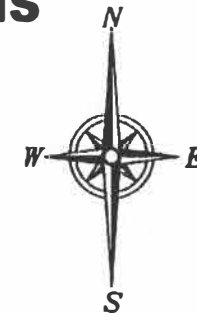
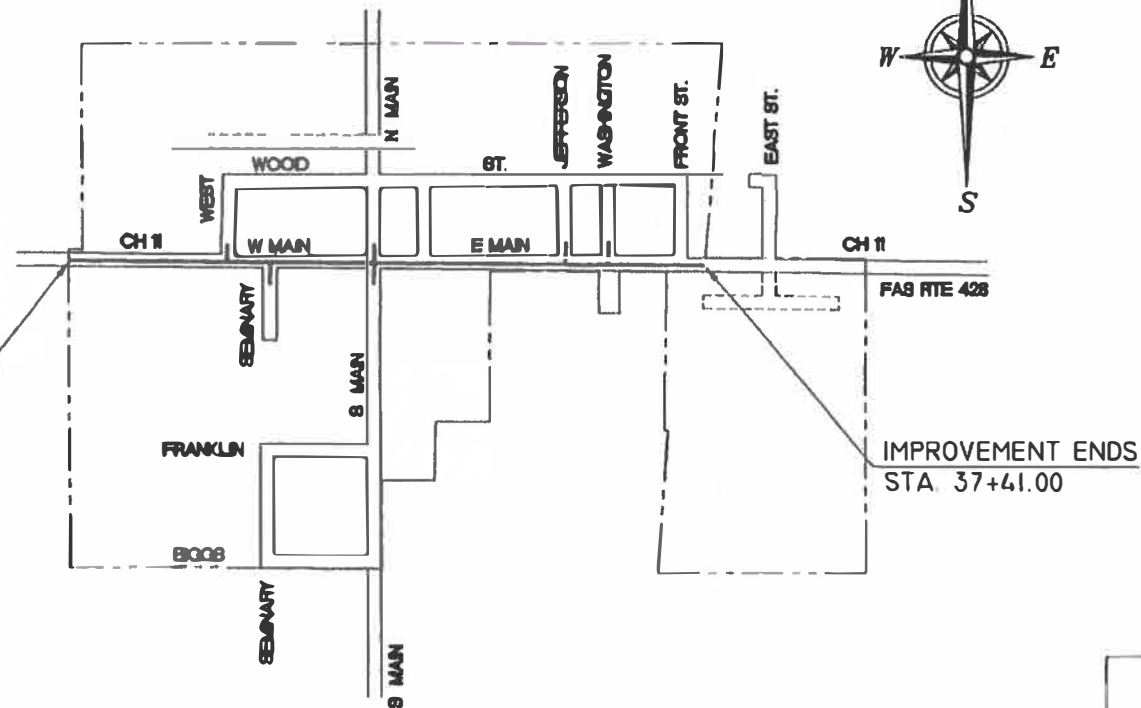
TRAFFIC DATA INFORMATION:

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR  
FAS 428  
ADT (2019) = 800  
DESIGN SPEED = 30 M.P.H.  
POSTED SPEED = 30 M.P.H.

UTILITY CONTACT INFORMATION:

<b>NATURAL GAS</b> NICOR GAS BRAD GRAY (630) 388-2362	<b>TELEPHONE/CABLE</b> FRONTIER CRAIG YOUNG (870) 219-5630
<b>WATER</b> DALLAS RURAL WATER DISTRICT DANA GNANN (309) 337-3718	<b>ELECTRIC</b> AMEREN CIPS MARTIN FULLER (618) 236-6281

IMPROVEMENT BEGINS  
STA. 10+20.00



IMPROVEMENT ENDS  
STA. 37+41.00

LOCATION MAP

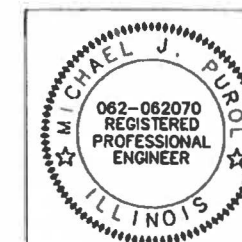
NOT TO SCALE

GROSS LENGTH = 2721 FT. = 0.52 MILE  
NET LENGTH = 2721 FT. = 0.52 MILE

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123 OR 811

APPROVED	7/20	20 21
<i>Elgin Berry</i> COUNTY ENGINEER		
PASSED	8-26	20 21
<i>Kevin Wright</i> DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS		
Releasing For Bid Based on Limited Review	8-26	20 21
<i>John Myer</i> REGION FOUR ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

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OF THE STATE OF ILLINOIS



I hereby certify that this plan was prepared under my supervision and that engineering decisions with regard to the design were made by me or by other duly licensed Professional Engineers under the laws of the State of Illinois

*Michael J. Purol* 4/9/2021  
Signature  
MICHAEL J. PUROL  
Printed or Typed Name

My license renewal date is November 30, 2021

# GENERAL NOTES

1. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
2. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE SHOWN ON THE PLANS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND TO NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING OF CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES AND BUSINESS PROPERTIES UNLESS PRIOR WRITTEN APPROVAL IS GRANTED BY THE PROPERTY OWNER.
4. THE CONTRACTOR SHALL PROVIDE TEMPORARY WALKS, FENCING, BARRICADES OR OTHER PROTECTIVE MEASURES AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC TRAVERSING THE CONSTRUCTION SITE. EQUIPMENT STORAGE AREAS AND MATERIAL STOCKPILES SHALL BE LOCATED ON SITES PROVIDED BY THE CONTRACTOR WITH DUE REGARD TO LOCATION, APPEARANCE, AND HAZARD POTENTIAL TO THE TRAVELING PUBLIC.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. THESE AREAS SHALL NOT IMPACT WETLAND OF "WATERS OF THE U.S." NO MATERIAL SHALL BE PLACED WITHIN RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS.
6. THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.  
  
THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
7. TREES OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. THE TOP SIX INCHES OF ALL DISTURBED AREAS SHALL BE BACK FILLED WITH SOIL WHICH IS SUITABLE FOR THE SUPPORT OF PLANT LIFE.
9. THE CONTRACTORS SHALL FINAL GRADE ALL AREAS DISTURBED.
10. SEEDING, FERTILIZING AND MULCHING SHALL BE COMPLETED IN ALL VEGETATIVE AREAS DISTURBED. FERTILIZING CONTENT AND APPLICATION RATES SHALL CONFORM TO STANDARD SPECIFICATIONS.
11. ALL ELEVATIONS SHOWN REFER TO AN U.S.G.S. MEAN SEA LEVEL DATUM.
12. ALL STATION REFERENCES ARE TO THE ROADWAY CENTERLINE OR BASELINE.
13. PLAN AND PROFILE SHEETS INCLUDED IN THE PROJECT ARE FOR THE PURPOSE OF ALIGNMENT, LOCATION AND SPECIFIC DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHEETS IS NOT TO BE CONSIDERED A PART OF THIS CONTRACT.
14. ANY REFERENCE TO A STANDARD DRAWING IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "HIGHWAY STANDARDS", AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
15. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM THE EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
16. ALL DETAILS SHOWN IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.
17. EXISTING MANHOLES, VALVE BOXES, INLETS AND OTHER APPURTENANCES WITHIN THE PAVEMENT SURFACE SHALL BE ADJUSTED TO WITHIN 1/4 INCH BELOW THE FINAL SURFACE ELEVATION. THE COST OF ADJUSTING THESE FIXTURES SHALL BE INCIDENTAL TO THE VARIOUS BID PRICES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
18. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE OF ALL PAVEMENT FEATURES DURING ALL TIMES OF CONSTRUCTION.

# SUMMARY OF QUANTITIES

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	2

CODE NO.	ITEM	CONSTRUCTION CODE	UNIT	QUANTITY
20200100	EARTH EXCAVATION	0004	CU YD	913
20800150	TRENCH BACKFILL		CU YD	413
25000100	SEEDING, CLASS 1		ACRE	1.0
25000400	NITROGEN FERTILIZER NUTRIENT		POUND	90
25000500	PHOSPHOROUS FERTILIZER NUTRIENT		POUND	90
25000600	POTASSIUM FERTILIZER NUTRIENT		POUND	90
25000700	AGRICULTURAL GROUND LIMESTONE		TON	2
25100115	MULCH, METHOD 2		ACRE	1.0
28000250	TEMPORARY EROSION CONTROL SEEDING		POUND	200
28000305	TEMPORARY DITCH CHECKS		FOOT	80
28000400	PERIMETER EROSION BARRIER		FOOT	400
28000500	INLET AND PIPE PROTECTION		EACH	45
28100209	STONE DUMPED RIPRAP, CLASS A5		TON	30
28200200	FILTER FABRIC		SQ YD	45
* 30300011	AGGREGATE SUBGRADE IMPROVEMENT		TON	1,400
35101600	AGGREGATE BASE COURSE, TYPE B, 4"		TON	103
35102000	AGGREGATE BASE COURSE, TYPE B, 8"		TON	520
40200800	AGGREGATE SURFACE COURSE, TYPE B		TON	202
40201000	AGGREGATE FOR TEMPORARY ACCESS		TON	160
40600275	BITUMINOUS MATERIALS (PRIME COAT)		POUND	20,896
40600290	BITUMINOUS MATERIALS (TACK COAT)		POUND	3,549
40600982	HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)		SQ YD	196
40600990	TEMPORARY RAMP		SQ YD	90
* 40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50		TON	2,452
* 40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50		TON	810
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD	74

\* SPECIAL PROVISION

## SUMMARY OF QUANTITIES

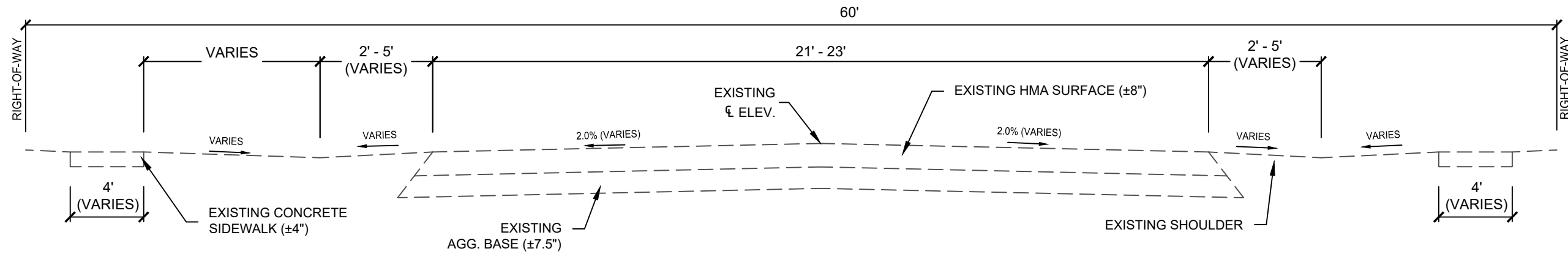
CODE NO.	ITEM	CONSTRUCTION CODE	UNIT	QUANTITY
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH		SQ FT	3,290
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH		SQ FT	781
42400800	DETECTABLE WARNINGS		SQ FT	148
44000100	PAVEMENT REMOVAL		SQ YD	8,141
44000200	DRIVEWAY PAVEMENT REMOVAL		SQ YD	86
44000600	SIDEWALK REMOVAL		SQ FT	3,358
44004000	PAVED DITCH REMOVAL		FOOT	287
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B		TON	262
50105220	PIPE CULVERT REMOVAL		FOOT	1,407
542D0213	PIPE CULVERTS, CLASS D, TYPE 1 8"		FOOT	6
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"		FOOT	202
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"		FOOT	26
* 550B0050	STORM SEWERS, CLASS B, TYPE 1, 12"		FOOT	76
* 550B0070	STORM SEWERS, CLASS B, TYPE 1, 15"		FOOT	108
* 550B0160	STORM SEWERS, CLASS B, TYPE 1, 36"		FOOT	272
* 550B0340	STORM SEWERS, CLASS B, TYPE 2, 12"		FOOT	49
* 550B0450	STORM SEWERS, CLASS B, TYPE 2, 36"		FOOT	257
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID		EACH	1
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID		EACH	1
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE		EACH	1
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID		EACH	1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID		EACH	2
60222805	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)		EACH	1
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID		EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE		EACH	5

\* SPECIAL PROVISION

CODE NO.	ITEM	CONSTRUCTION CODE	UNIT	QUANTITY
60238305	INLETS, TYPE A, WITH MEDIAN INLET (604101)		EACH	1
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID		EACH	1
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID		EACH	1
60262700	INLETS TO BE RECONSTRUCTED		EACH	1
60500060	REMOVING INLETS		EACH	8
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18		FOOT	819
67100100	MOBILIZATION		L SUM	1
70107025	CHANGEABLE MESSAGE SIGN		CAL DA	120
70300100	SHORT TERM PAVEMENT MARKING		FOOT	1,056
70300150	SHORT TERM PAVEMENT MARKING REMOVAL		SQ FT	176
△ 78001110	PAINT PAVEMENT MARKING - LINE 4"		FOOT	6,118
△ 78001180	PAINT PAVEMENT MARKING - LINE 24"		FOOT	106
* Z0013798	CONSTRUCTION LAYOUT		L SUM	1
* Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH		FOOT	653
* Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH		FOOT	12
* Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH		FOOT	285
* Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH		FOOT	40
* Z0075498	CONCRETE RETAINING WALL REMOVAL		CU YD	0.1
* X0325607	GROUND STABILIZATION GEOSYNTHETIC		SQ YD	1,900
* X0327301	RELOCATE EXISTING MAILBOX		EACH	1
* X0326821	INLETS, SPECIAL, TYPE E, 4' X 5'		EACH	1
* X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE		EACH	1
* X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)		L SUM	1
# Z0076600	TRAINEES		HR	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE		HR	500

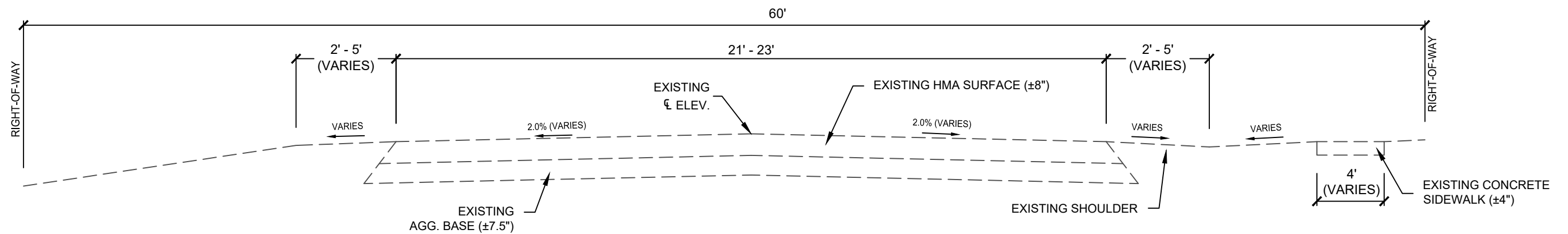
\* SPECIAL PROVISION # 0042  
 △ SPECIALTY ITEMS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	4



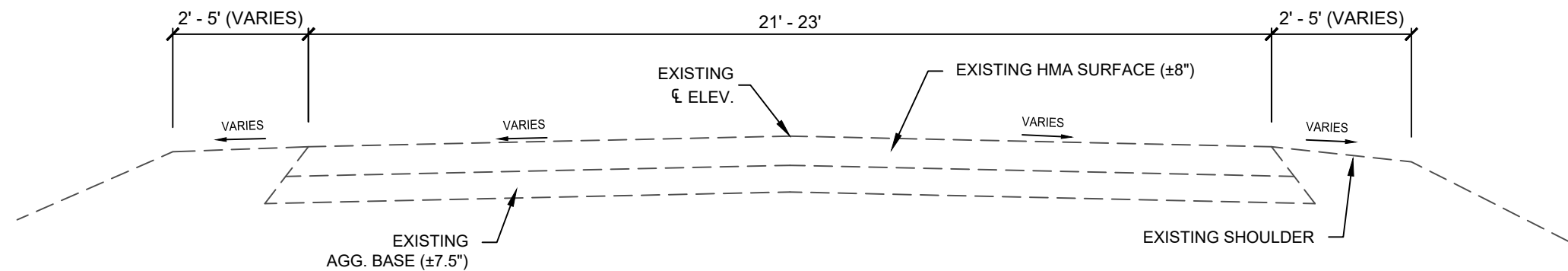
**EXISTING SECTION  
SIDEWALK, BOTH SIDES**

STA. 14+16.0 TO STA. 16+00.0  
 STA. 21+97.0 TO STA. 22+67.0  
 STA. 24+50.0 TO STA. 27+71.0  
 STA. 34+67.7 TO STA. 35+71.2



**EXISTING SECTION  
SIDEWALK RIGHT**

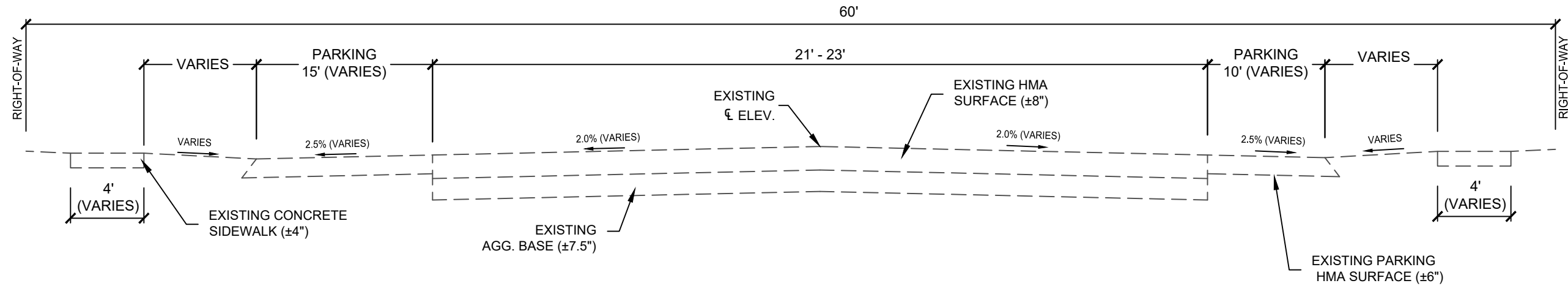
STA. 11+65.0 TO STA. 14+16.0



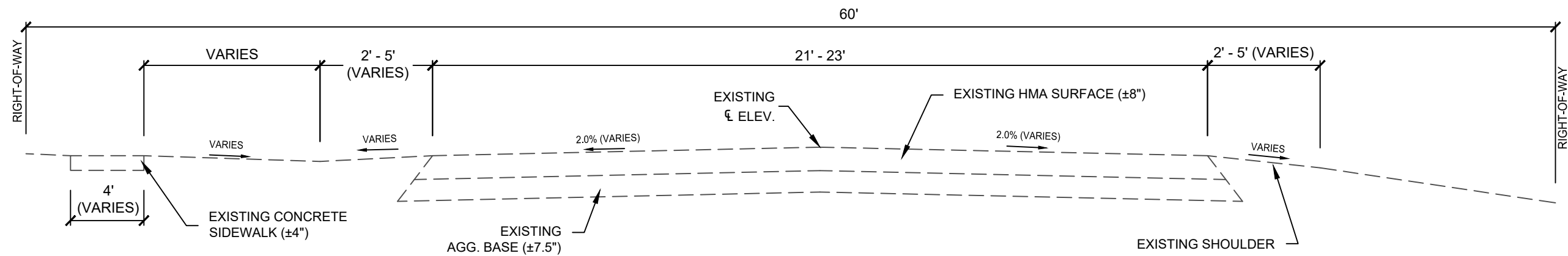
**EXISTING SECTION**

STA. 10+20.0 TO STA. 11+65.0  
 STA. 36+86.0 TO STA. 37+41.0

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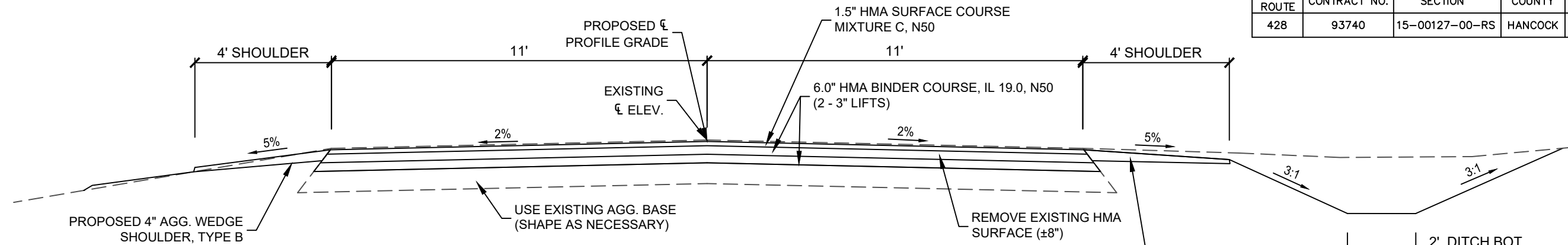


**EXISTING SECTION  
PARKING & SIDEWALK, BOTH SIDES**  
APPROX. STA. 22+67.0 TO STA. 24+50.0



**EXISTING SECTION  
SIDEWALK LEFT**  
STA. 16+00.0 TO STA. 21+97.0  
STA. 27+71.0 TO STA. 34+67.7  
STA. 35.71.2 TO STA. 36+86.0

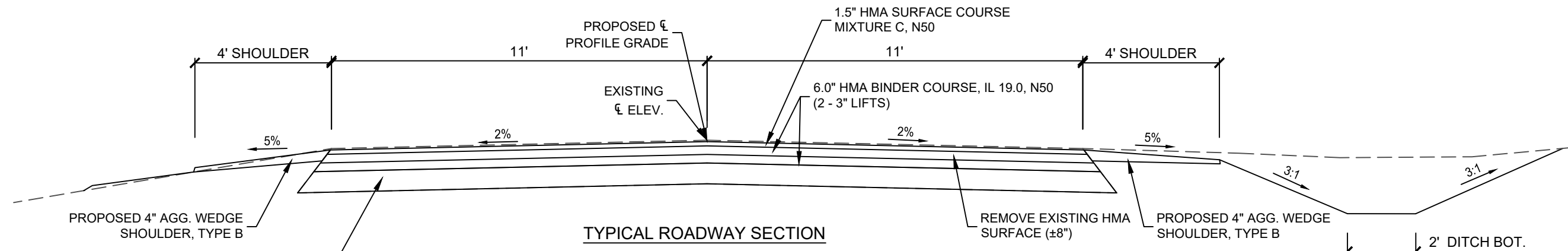
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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**TYPICAL ROADWAY SECTION**

LT SIDE  
STA10+60.00 TO STA 20+60.00, LT  
STA 24+55.50 TO STA 25+80.00, LT  
STA 27+77.00 TO STA 37+01.00, LT

RT SIDE  
STA10+60.00 TO STA 20+60.00, RT  
STA 24+44.60 TO STA 37+01.00, RT

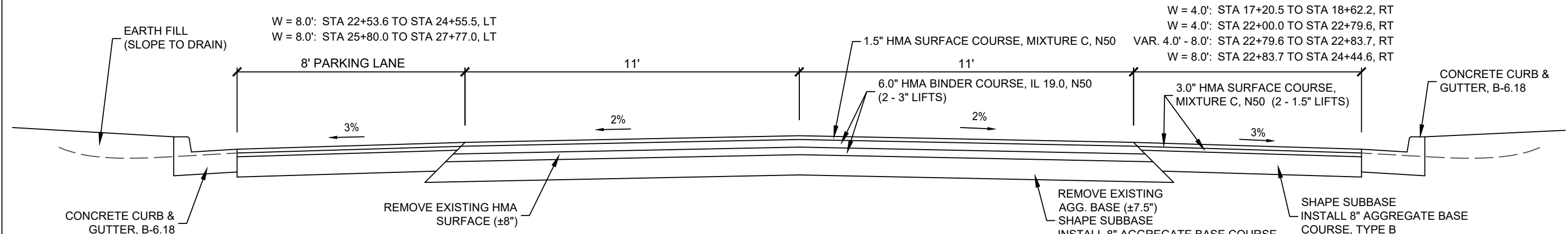


**TYPICAL ROADWAY SECTION**

LT SIDE  
STA 20+60.00 TO STA 22+21.70, LT

RT SIDE  
STA 20+60.00 TO STA 22+00.00, RT

REMOVE EXISTING AGG. BASE ( $\pm 7.5"$ )  
RE-SHAPE SUBBASE  
INSTALL 8" AGGREGATE BASE COURSE, TYPE B



**TYPICAL ROADWAY SECTION (CURB & GUTTER)**

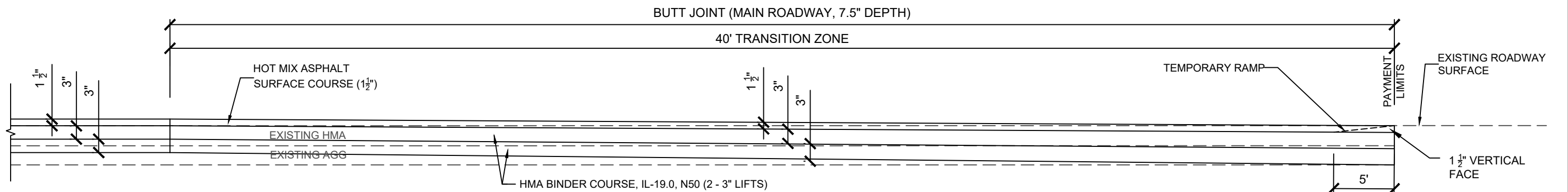
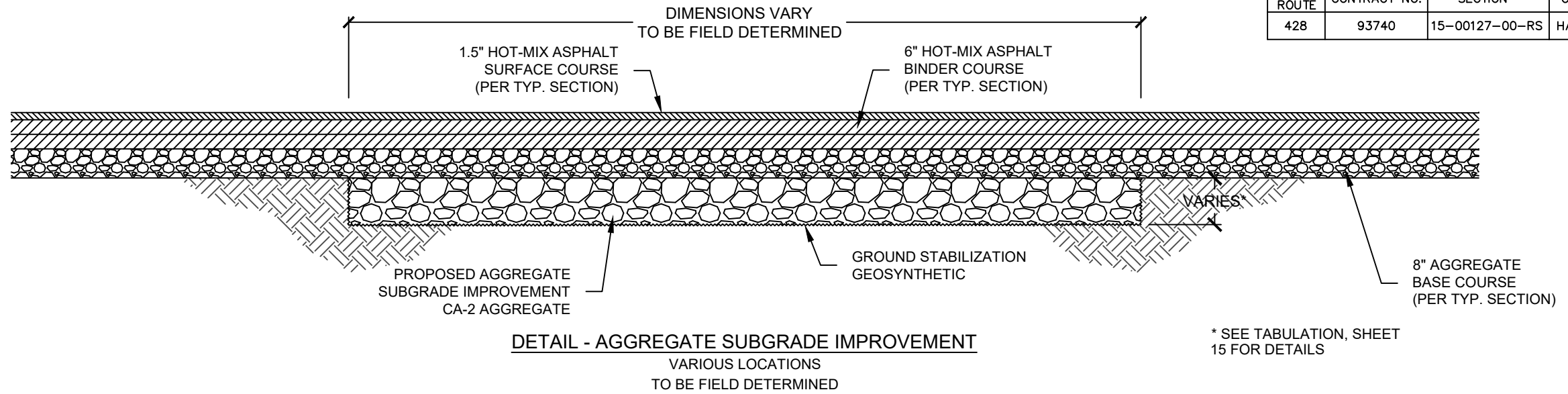
LT SIDE  
STA 22+21.70 TO STA 24+55.50, LT  
STA 25+80.00 TO STA 27+77.00, LT

RT SIDE  
STA 22+00.00 TO STA 24+44.60, RT

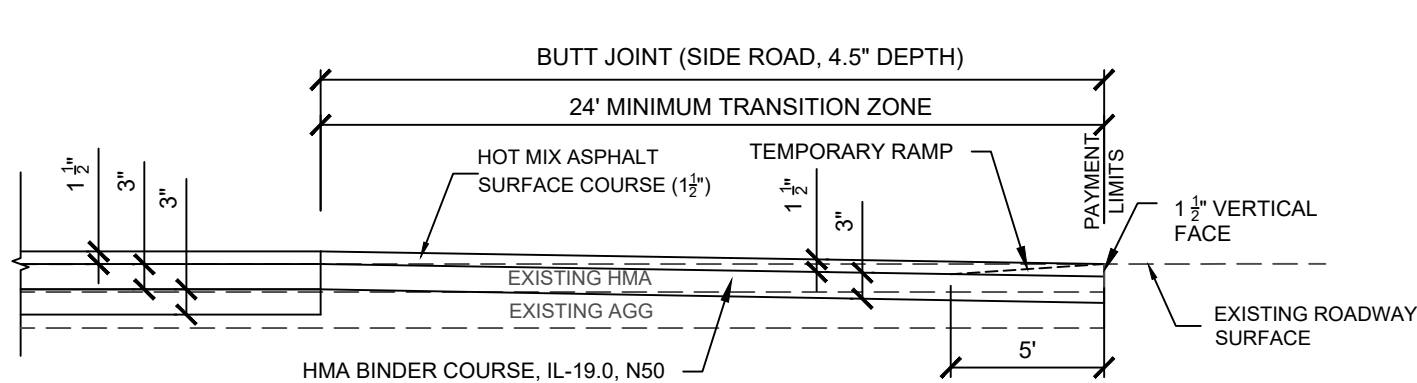
W = 8.0': STA 22+53.6 TO STA 24+55.5, LT  
W = 8.0': STA 25+80.0 TO STA 27+77.0, LT

W = 4.0': STA 17+20.5 TO STA 18+62.2, RT  
W = 4.0': STA 22+00.0 TO STA 22+79.6, RT  
VAR. 4.0' - 8.0': STA 22+79.6 TO STA 22+83.7, RT  
W = 8.0': STA 22+83.7 TO STA 24+44.6, RT

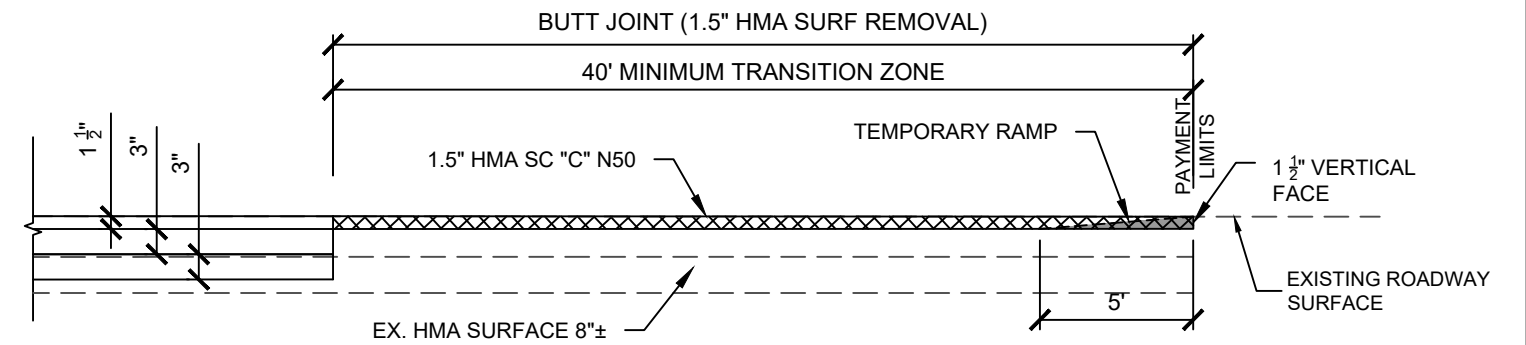
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N. MAIN ST. STA. 25+16.35, 31' LT TO 25+16.86, 71' LT  
S. MAIN ST. STA. 25+15.80, 31' RT TO 25+15.30 71' RT



WEST STREET: STA. 18+27.13, 11' TO 35' LT  
SEMINARY STREET: STA. 20+53.19, 11' TO 35' RT  
JEFFERSON STREET: STA. 33+36.83, 11' TO 35' LT  
WASHINGTON STREET: STA. 35+20.13, 11' TO 35' LT



W. MAIN STREET STA. 10+20.00 TO 10+60.00, C.L.  
E. MAIN STREET STA. 31+01.00 TO 37+41.00, C.L.

# TYPICAL DETAILS AND PLAN RATES OF APPLICATION

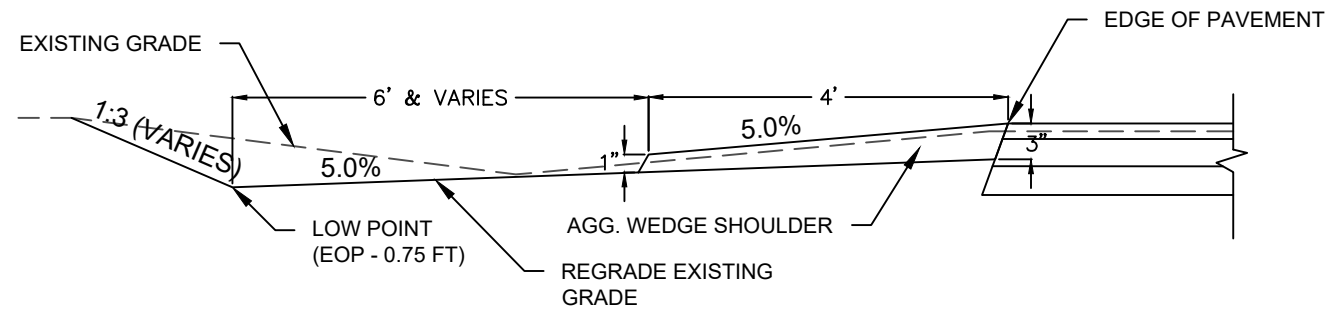
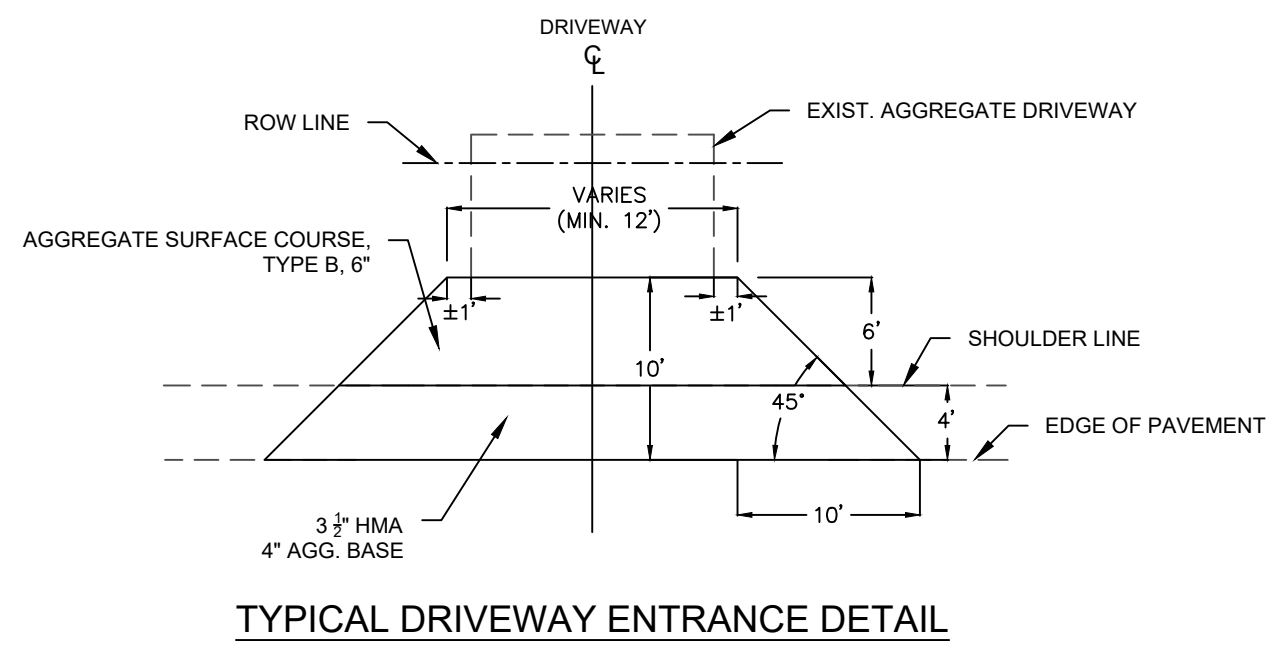
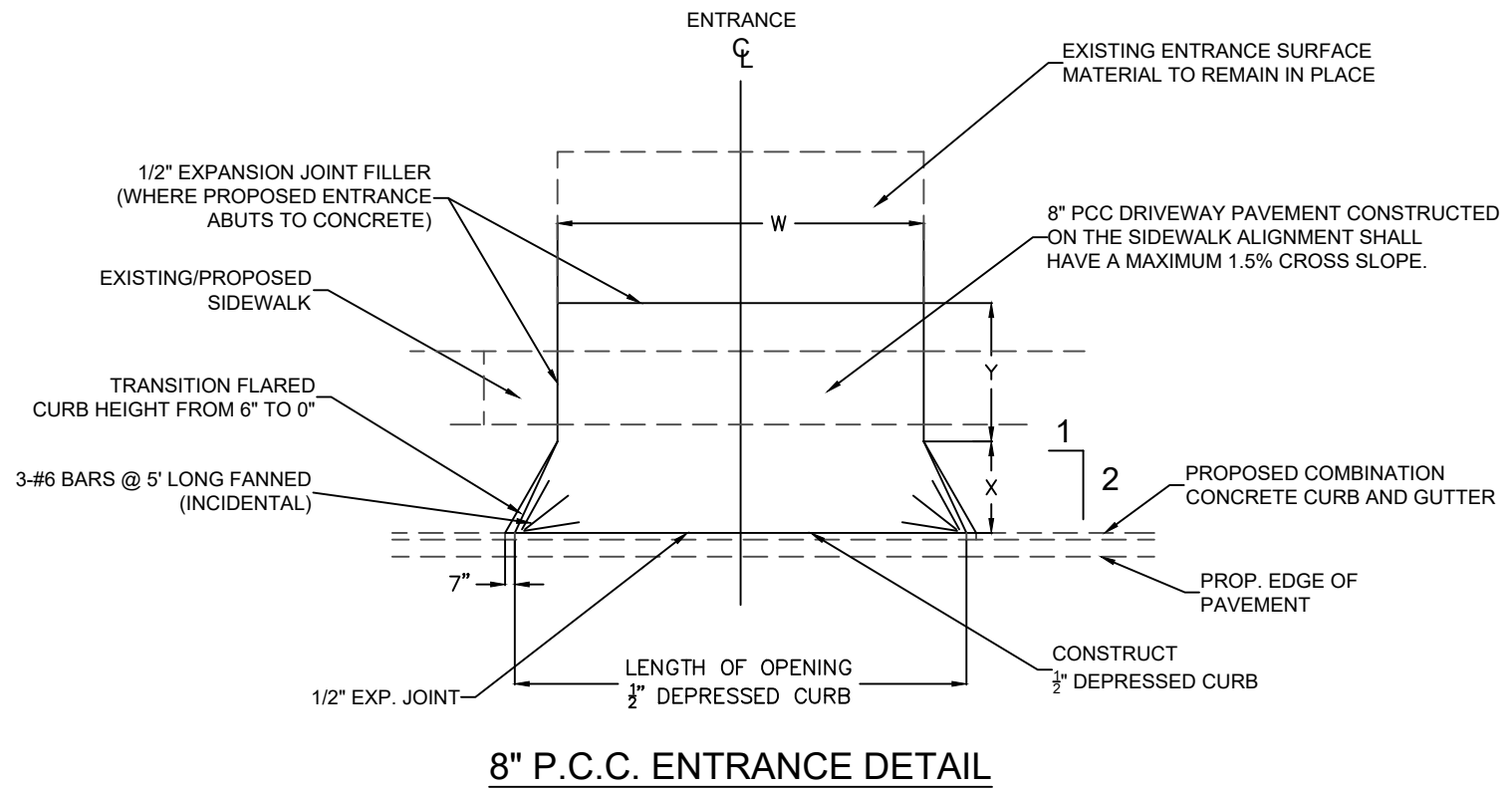
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THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO DETERMINE PLAN QUANTITIES.

RATES OF APPLICATION			
MATERIAL	UNIT	QUANTITY	REMARKS
HOT MIX ASPHALT	TON/SQ. YD./INCH	0.056	BINDER & SURFACE COURSE
AGGREGATE SHOULDERS	TON/CU. YD.	1.85	
AGGREGATE SURFACE & BASE COURSE	TON/CU. YD.	2.05	TYPE B
AGGREGATE SUBGRADE	TON/CU. YD.	1.75	
RIPRAP	TON/CU. YD.	1.75	

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S)	STA. 10+20 TO STA. 37+41	STA. 10+20 TO STA. 37+41
MIXTURE USE	3" BINDER (X2)	1.5" SURFACE COURSE
PG	PG 58-28	PG 58-28
DESIGN AIR VOIDS	4.0% @ N <sub>DESIGN</sub> = 50	4.0% @ N <sub>DESIGN</sub> = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 9.5
FRICTION AGGREGATE	N/A	MIX C
QUALITY MANAGEMENT	QC/QA	QC/QA



### SPECIAL SHOULDER DETAIL: AGGREGATE WEDGE SHOULDER, TYPE B

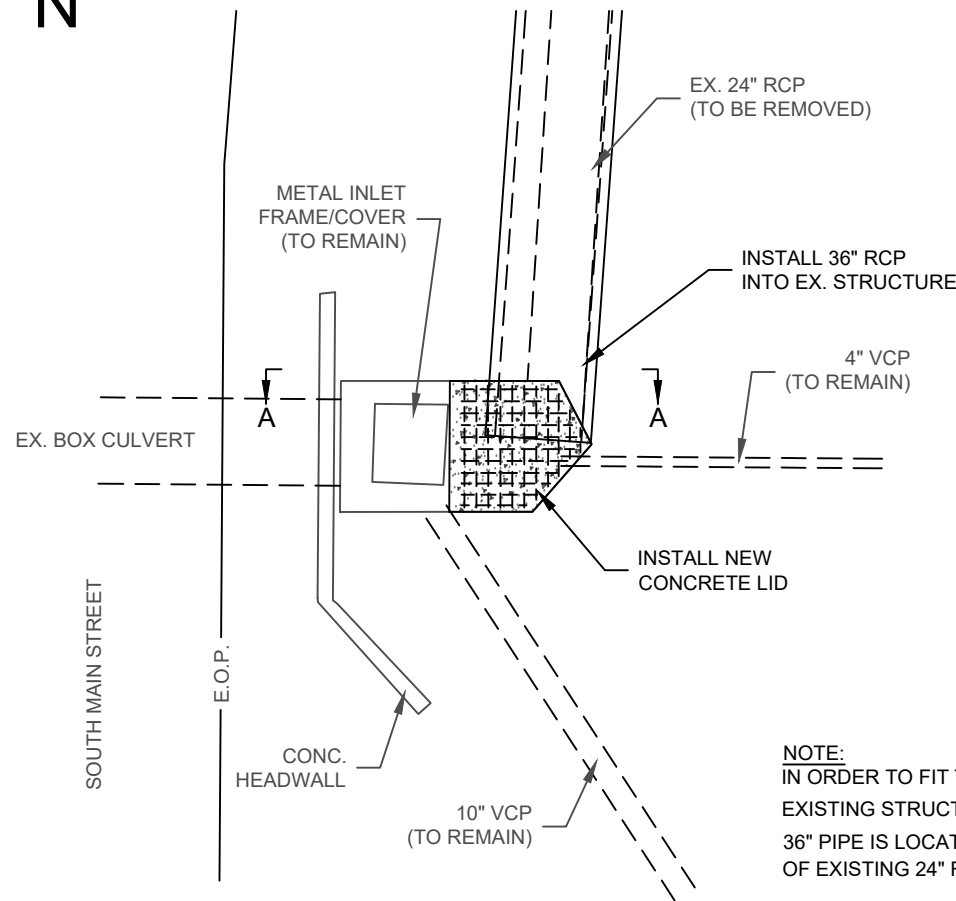
TO BE USED WHEN NO SPECIAL DITCH PROFILE IS PROVIDED IN CUT SECTION

PLAN APPLICATION RATES	
NITROGEN FERTILIZER NUTRIENT	90 LBS/ ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS/ ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ ACRE
AGRICULTURAL GROUND LIME	2 TON/ ACRE
MULCH, METHOD 2	2 TON/ ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ ACRE



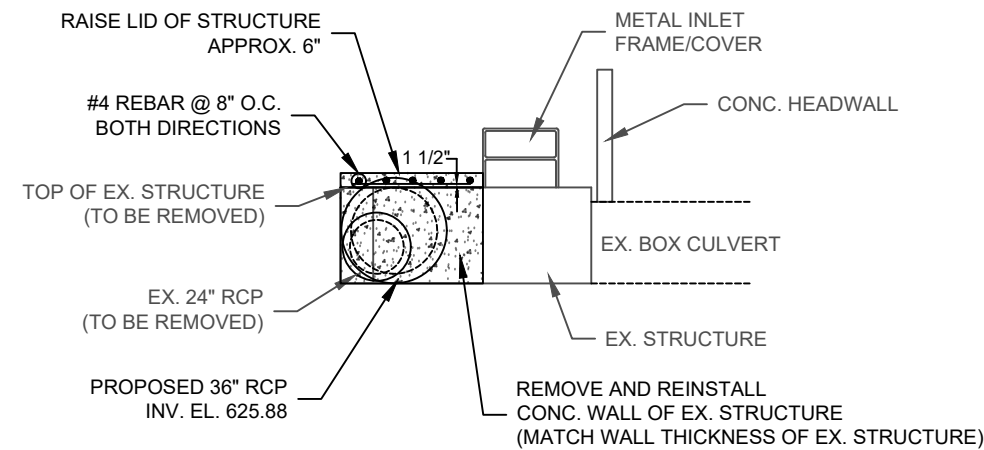


## INLET TO BE RECONSTRUCTED EXISTING STRUCTURE (E7)



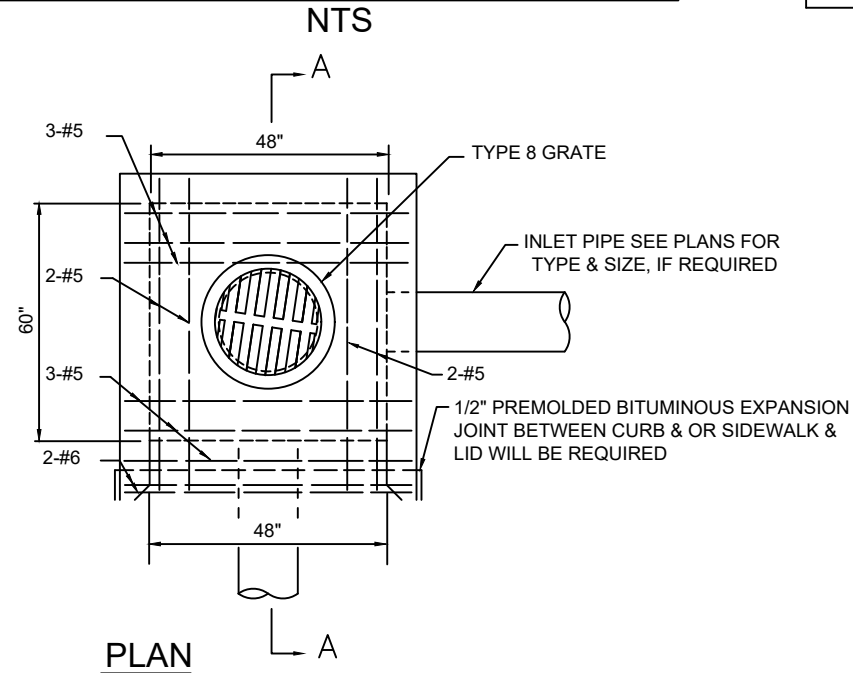
PLAN

**NOTE:**  
IN ORDER TO FIT THE PROPOSED 36" PIPE INTO THE EXISTING STRUCTURE, THE  $\text{CL}$  OF THE PROPOSED 36" PIPE IS LOCATED APPROXIMATELY 7" WEST OF  $\text{CL}$  OF EXISTING 24" RCP PIPE TO BE REMOVED.

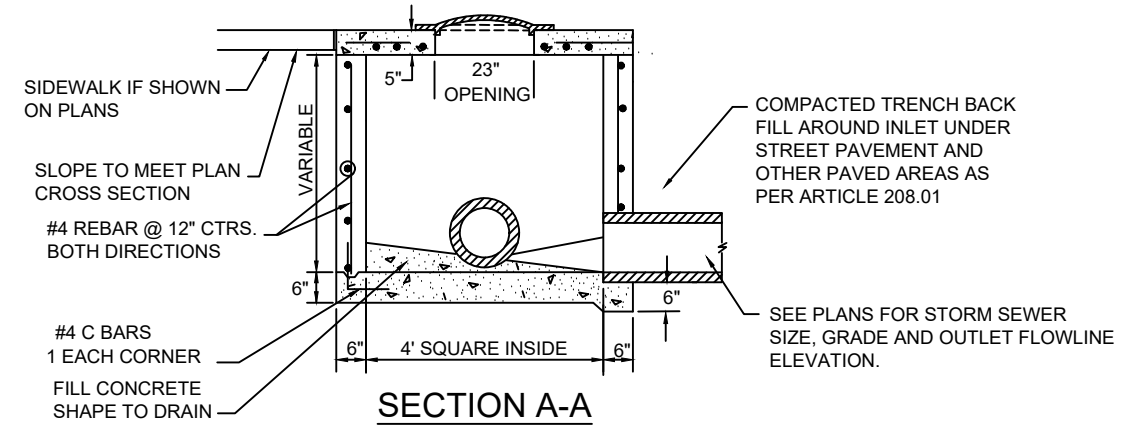


SECTION A-A

## INLETS, SPECIAL, TYPE E, 4' X5'



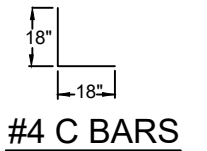
PLAN



SECTION A-A

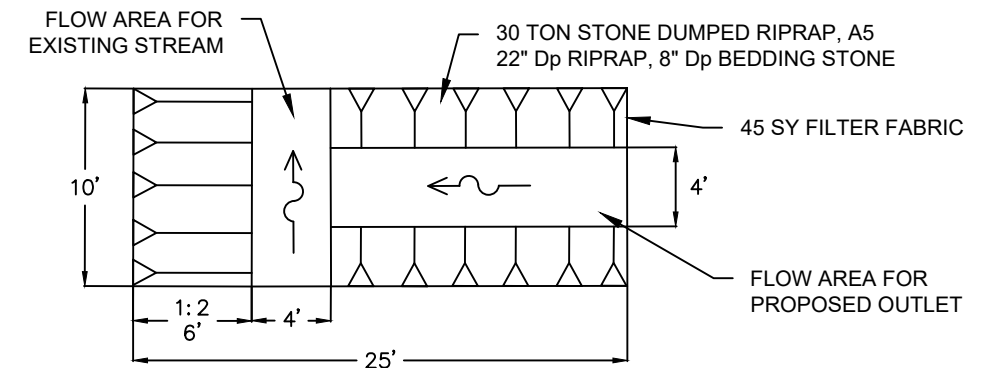
### NOTES

1. THE CONTRACT UNIT PRICE FOR INLETS, SPECIAL, TYPE E SHALL INCLUDE THE COST OF THE FRAME AND LID AS SHOWN, THE REINFORCED CONCRETE COVER, EXCAVATION AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ADDITIONALLY IT WILL BE NECESSARY TO MEET ALL OTHER REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.
2. #4 REBARS SHALL BE PLACED HORIZONTALLY & VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 18" X 18" C BARS AT CORNERS.
3. IN LIEU OF C BARS, CONTRACTOR MAY DRILL HOLES 6" DEEP IN BOTTOM SLAB TO HOLD VERTICAL #4 REBARS IN THE WALLS.
4. COST OF REINFORCING BARS INCIDENTAL.
5. WHEN INLET TOP IS NOT CAST IN PLACE, TOP SHALL BE PLACED IN A FULL BED OF MORTAR.
6. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



#4 C BARS

## RIP RAP OUTLET NTS



DETAILS

HANCOCK COUNTY, C.H. 11 (BASCO)

PROJECT NUMBER R-16-011

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	10

REMOVING INLETS				
LOCATION			QUANTITY	DESCRIPTION
INLET NO.	STATION	O/S	EACH	
MAIN STREET				
E1	11+66.9	20.9' RT.	1	AREA DRAIN INLET
E2	20+48.8	17.6' LT.	1	AREA DRAIN INLET
E3	21+19.2	19.3' LT.	1	AREA DRAIN INLET
E6	25+39.9	228.2' RT.	1	AREA DRAIN INLET
E4	25+42.3	34.1' LT.	1	AREA DRAIN INLET
E5	25+56.9	20.8' LT.	1	AREA DRAIN INLET
E9	27+11.2	20.7' LT.	1	AREA DRAIN INLET
E10	27+86.5	20.0' LT.	1	AREA DRAIN INLET
TOTAL			8	

PAVEMENT REMOVAL			
LOCATION STATION TO STATION		QUANTITY (SQ YD)	NOTES
E. & W. MAIN STREET			
10+20.0 C.L.	10+60.0 C.L.	98	1.5" MILL REMOVAL
10+60.0 C.L.	37+01.0 C.L.	7,168	EX. HMA PVM T 8"±
37+01.0 C.L.	37+41.0 C.L.	103	1.5" MILL REMOVAL
12+56.5, 11' RT	12+72.8, 11' RT	18	EX. HMA SHLD PVM T 4"±
25+39.0, 11' LT	28+52.0, 11' LT	436	EX. HMA SHLD PVM T 4"±
N. & S. MAIN STREET			
25+15.3, 41' RT	25+15.3, 71' RT	105	EX. HMA PVM T 4.5"±
25+15.8, 41' LT	25+15.8, 71' LT	106	EX. HMA PVM T 4.5"±
25+39.0, 11' LT	28+52.0, 11' LT	107	EX. HMA PVM T 4.5"±
TOTAL		8,141	

CONCRETE RETAINING WALL REMOVAL			
LOCATION STATION TO STATION		QUANTITY (CU YD)	NOTES
MAIN STREET			
23+63.1, 19.4' RT.	23+63.1, 22.8' RT.	0.05	
23+67.8, 19.6' RT.	23+67.7, 23.0' RT.	0.05	
TOTAL		0.1	

PIPE CULVERT REMOVAL					
LOCATION				LENGTH	DESCRIPTION
STATION	O/S	STATION	O/S	FOOT	
MAIN STREET					
11+69.2	22.8' RT.	11+69.2	26.8' RT.	4	8" PVC
12+54.5	16.9' RT.	12+74.9	16.8' RT.	20	10" PVC
16+40.0	17.3' RT.	16+56.0	17.9' RT.	16	12" CMP
16+44.0	16.5' LT.	16+58.0	17.2' LT.	14	10" CMP
17+01.0	19.2' LT.	17+25.0	19.0' LT.	24	12" CMP
17+81.5	18.8' LT.	18+48.3	15.4' LT.	67	12" CMP
20+05.5	17.0' RT.	20+29.7	17.5' RT.	24	12" CMP
20+48.7	17.5' LT.	20+39.8	281' RT.	300	24" RCP
20+48.7	17.5' LT.	21+19.3	19.6' LT.	70	10" VCP
21+17.2	18.8' RT.	21+40.2	18.8' RT.	23	15" CMP
25+39.8	229.1' RT.	25+37.3	293.8' RT.	66	24" RCP
25+42.3	34.1' LT.	25+39.8	226.8' RT.	260	24" RCP
25+42.8	19.1' RT.	25+51.8	19.2' RT.	9	10" VCP
25+43.2	20.9' LT.	25+56.9	20.8' LT.	14	12" PVC
25+56.9	20.8' LT.	27+11.2	20.8' LT.	155	12" PVC
26+07+1	17.7' RT.	26+42.6	18.4' RT.	36	12" CMP
26+64.5	18.8' RT.	26+69.4	18.8' RT.	5	12" CMP
27+11.2	20.7' LT.	27+85.5	20.0' LT.	75	12" PVC
27+21.5	18.1' RT.	27+27.0	18.5' RT.	6	12" PVC
27+70.8	17.4' RT.	27+90.8	17.4' RT.	20	12" CMP
28+68.4	17.6' RT.	28+88.4	17.6' RT.	20	12" CMP
29+00.3	17.4' RT.	29+26.3	17.4' RT.	26	15" CMP
29+65.6	18.0' RT.	29+74.1	18.0' RT.	9	18" VCP
29+87.9	17.8' RT.	30+08.1	18.1' RT.	20	15" CMP
33+22.2	18.7' LT.	33+49.1	19.2' LT.	27	18" CMP
34+03.0	19.0' RT.	34+27.2	18.2' RT.	24	15" CMP
34+60.3	17.5' RT.	34+72.0	17.5' RT.	12	8" PVC
35+04.3	17.3' LT.	35+34.5	18.3' LT.	30	12" CMP
35+35.1	17.5' RT.	35+46.1	17.7' RT.	11	12" VCP
36+07.5	18.1' RT.	36+27.5	18.1' RT.	20	12" CMP
TOTAL				1,407	

DRIVEWAY PAVEMENT REMOVAL			
LOCATION STATION TO STATION		QUANTITY (SQ YD)	NOTES
11+28.0, 11' RT	11+81.0, 11' RT	49	EX. HMA DRIVEWAY 4"±
31+15.9, 11' LT	31+40.9, 11' LT	37	EX. PCC DRIVEWAY 6"±
TOTAL		86	

INLETS TO BE RECONSTRUCTED			
LOCATION		QUANTITY	NOTES
STATION	O/S	EACH	* SEE SHEET 10 FOR DETAILS
25+34.7	293.3' LT.	1	STRUCTURE (E7)
TOTAL		1	

RELOCATE EXISTING MAILBOX		
LOCATION		DESCRIPTION
STATION	O/S	
16+41.0	13.17' LT.	30 MAIN ST.

UTILITIES TO BE RELOCATED (BY OTHERS)		
LOCATION		DESCRIPTION
STATION	O/S	
MAIN STREET		
11+71.7	21.5' RT.	POWER POLE
19+72.7	17.3' RT.	POWER POLE
21+31.8	18.8' RT.	TELEPHONE LINE
23+12.8	20.2' RT.	POWER POLE
25+45.1	31.7' RT.	TELEPHONE MONUMENT
25+53.3	21.5' RT.	POWER POLE

PAVED DITCH REMOVAL			
LOCATION STATION TO STATION		PAVED DITCH REMOVAL (FOOT)	NOTES
MAIN STREET			
11+66.1, 21.6' RT.	14+13.2, 16.8' RT.	225	
25+49.8, 19.3' RT.	26+10.8, 15.0' RT.	62	
TOTAL		287	

SIDEWALK REMOVAL		
LOCATION	SIDEWALK REMOVAL (SQ FT)	NOTES
MAIN STREET		
NW CORNER WEST ST & W. MAIN	44	
NE CORNER WEST ST & W. MAIN TO 21+60.3, RT	1218	INCLUDES WALKWAYS
NW CORNER N. MAIN & W. MAIN ST	75	
SW CORNER S. MAIN & W. MAIN ST	223	
SE CORNER S. MAIN & E. MAIN ST TO 15 E. MAIN ST	775	INCLUDES WALKWAYS
NE CORNER N. MAIN & E. MAIN ST	753	
NW CORNER JEFFERSON & E. MAIN ST	41	
NE CORNER JEFFERSON & E. MAIN ST	38	
NW CORNER WASHINGTON & E. MAIN ST	22	
NE CORNER WASHINGTON & E. MAIN ST	24	
13 W. MAIN ST	8	
23 E. MAIN ST	34	
41 E. MAIN ST	103	
TOTAL	3,358	

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	11

PIPE CULVERT SCHEDULE													
Pipe No.	USFL				DSFL				PIPE SLOPE	Pipe Culverts, Cl. D, Typ. 1 (FT)			TRENCH BACKFILL (CU YD)
	Station	O/S	Elevation	Description	Station	O/S	Elevation	Description		8"	12"	15"	
P1	11+69.3	26.8 RT.	625.02	INLET	11+67.3	21.7 RT.	623.00	S1	33.7%	6			
P2	11+76.2	21.3 RT.	623.10	S2	11+68.7	20.9 RT.	623.00	S1	1.25%		8		
P3	NOT USED												
P12	21+45.1	20.0 RT.	626.85	INLET	21+19.1	20.0 RT.	626.70	OUTLET	0.58%			26	2.9
P21	26+73.0	20.8 RT.	634.03	INLET	26+61.0	20.8 RT.	633.91	OUTLET	1.00%		12		
P22	27+31.0	22.0 RT.	634.61	INLET	27+19.0	21.0 RT.	634.49	OUTLET	1.00%		12		
P23	27+88.0	22.4 RT.	635.18	INLET	27+68.0	22.4 RT.	634.98	OUTLET	1.00%		20		2.1
P24	28+88.0	23.0 RT.	636.18	INLET	28+64.0	23.0 RT.	635.94	OUTLET	1.00%		24		2.6
P25	29+27.0	22.5 RT.	636.71	INLET	29+03.0	23.0 RT.	636.38	OUTLET	1.38%		24		2.4
P26	29+74.0	20.5 RT.	637.36	INLET	29+62.0	20.5 RT.	637.19	OUTLET	1.42%		12		1.2
P27	30+10.0	21.0 RT.	637.85	INLET	29+86.0	20.5 RT.	637.52	OUTLET	1.38%		24		2.4
P29	34+26.0	20.3 RT.	643.59	INLET	34+06.0	20.3 RT.	643.29	OUTLET	1.50%		20		2.4
P30	34+76.0	20.0 RT.	644.34	INLET	34+64.0	20.0 RT.	644.16	OUTLET	1.50%		12		
P32	35+46.0	19.5 RT.	645.39	INLET	35+34.0	19.5 RT.	645.21	OUTLET	1.50%		12		1.2
P33	36+26.5	19.8 RT.	646.59	INLET	36+04.0	19.0 RT.	646.26	OUTLET	1.50%		22		2.1
<b>TOTAL</b>										<b>6</b>	<b>202</b>	<b>26</b>	<b>19.3 USE 20</b>

STORM SEWER SCHEDULE																				
Pipe No.	USFL				DSFL				PIPE SLOPE	Storm Sewers, Cl. B, Typ. 1 (FT)				S S, Cl. B, Typ. 2 (FT)		Storm Sewer (Water Main Requirements)				TRENCH BACKFILL (CU YD)
	Station	O/S	Elevation	Description	Station	O/S	Elevation	Description		12"	15"	24"	36"	12"	36"	12"	15"	24"	30"	
P4	16+95.0	21.0 LT.	626.96	S3A	17+80.0	21.0 LT.	626.12	S3	1.00%							84				1.8
P5	17+80.0	21.0 LT.	626.02	S3	18+48.0	21.0 LT.	625.34	S4	1.00%							68				7.9
P6	18+48.0	21.0 LT.	625.24	S4	20+49.0	22.0 LT.	623.25	S5	1.00%							199				44.2
P7	20+49.0	22.0 LT.	617.76	S5	20+47.7	20.0 RT.	617.60	S6	0.40%										40	47.2
P8	20+47.7	23.5 RT.	617.42	S6	20+39.8	281.0 RT.	617.00	OUTLET	0.15%						257					114.1
P9	19+70.0	19.5 RT.	627.30	INLET	20+46.0	19.0 RT.	624.50	S6	3.82%	76										1.9
P10	22+63.4	22.8 LT.	624.20	S7	21+28.0	21.0 LT.	622.20	S17	1.45%							138				53.6
P11	22+87.8	20.2 RT.	624.70	S8	22+63.4	22.8 LT.	624.40	S7	1.56%					49						23.0
P13	25+42.3	34.1 LT.	633.00	S9	25+42.5	22.0 LT.	632.50	S10	4.16%								12			2.4
P14	25+42.5	21.0 LT.	632.25	S10	25+41.8	21.0 RT.	631.70	S11	1.31%									42		10.6
P15	25+41.8	21.4 RT.	629.70	S11	25+40.0	228.0 RT.	626.10	S12	1.75%				206							12.6
P16	25+40.0	228.0 RT.	626.00	S12	25+36.2	295 RT.	625.88	E7	0.18%				66							
P17	25+70.0	21.5 RT.	630.50	S13	25+41.8	21.4 RT.	630.35	S11	0.54%			28								1.8
P18	26+50.0	20.8 RT.	631.00	S14	25+70.0	21.5 RT.	630.60	S13	0.50%			80								2.8
P19	27+11.0	20.0 LT.	632.62	S15	25+57.0	21.0 LT.	632.42	S15A	0.13%										154	
P19A	25+57.0	21.0 LT.	632.37	S15A	25+42.5	22.0 LT.	632.35	S10	0.14%										14	3.2
P20	27+86.6	20.0 LT.	632.76	S16	27+11.0	20.0 LT.	632.67	S15	0.12%										75	2.0
P28	33+58.0	19.0 LT.	643.00	INLET	33+16.0	20.2 LT.	642.00	OUTLET	2.38%							42				0.7
P31	35+44.0	19.5 LT.	645.16	INLET	35+00.0	19.3 LT.	644.50	OUTLET	1.50%							44				0.8
P34	21+28.0	21.0 LT.	622.10	S17	20+49.0	22.0 LT.	619.20	S5	3.71%							78				13.8
<b>TOTAL</b>										<b>76</b>	<b>108</b>	<b>0</b>	<b>272</b>	<b>49</b>	<b>257</b>	<b>653</b>	<b>12</b>	<b>285</b>	<b>40</b>	<b>344.4 USE 345</b>

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	12

INLETS AND MANHOLES SCHEDULE							
No.	LOCATION		STRUCTURE TYPE	TOP ELEV.	PIPE INV.	PIPE DESCRIPTION	TRENCH BCKFL (CU YD)
	Station	O/S					
S1	11+66.9	20.9 RT.	MANHOLE, TYPE A 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	627.15	623.00	P1	7.2
					623.00	P2	
					622.25	EX. 10" VCP (NE)	
					621.94	EX. 18" CMP (SW)	
S2	11+77.1	21.3 RT.	INLETS, TYPE A, TYPE 8 GRATE	626.10	623.10	P2	
S3	17+80.0	21.0 LT.	INLETS, TYPE A, TYPE 8 GRATE	629.43	626.12	P4	
					626.02	P5	
S3A	16+95.0	20.9 LT.	INLETS, TYPE A, TYPE 8 GRATE	630.15	626.96	P4	
S4	18+47.0	20.9 LT.	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	629.25	625.34	P5	2.4
					625.24	P6	
					628.50	EX. 6" PVC (N)	
S5	20+49.0	22.0 LT.	MANHOLES, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)	626.67	623.25	P6	
					619.20	P34	
					624.56	EX. 4" PVC (NW)	
					617.76	P7	
S6	20+47.6	23.0 RT.	MANHOLES, TYPE A, 5'-DIAMETER,, TYPE 1 FRAME, CLOSED LID	628.00	624.50	P9	16.4
					617.60	P7	
					617.42	P8	
S7	22+63.4	22.8 LT..	INLETS, TYPE B, WITH TYPE 15 FRAME AND LID	TC 630.55	624.40	P11	1.1
					624.20	P10	
S8	22+87.8	20.2 RT.	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	TC 632.24	624.70	P11	1.6
S9	25+42.3	34.1 LT.	INLETS, TYPE A, TYPE 8 GRATE	636.00	633.10	EX. 12" VCP (N)	
					633.00	P13	
S10	25+42.5	22.0 LT.	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	636.35	632.50	P13	4.9
					632.35	P19A	
					632.40	P14	
S11	25+41.8	21.4 RT.	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	635.30	630.35	P17	5.9
					631.70	P14	
					629.70	P15	
S12	25+40.0	228.0 RT.	INLETS, SPECIAL, TYPE E, 4'X5'	630.25	627.54	EX. 12" CPP (E)	
					627.24	EX. 4" PVC (NE)	
					626.10	P15	
					626.00	P16	
S13	25+70.0	21.5 RT.	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	633.20	630.60	P18	
					630.50	P17	
S14	26+50.0	20.8 RT.	INLETS, TYPE A, WITH MEDIAN INLET (604101)	633.80	631.00	P18	
S15	27+11.0	20.0 LT.	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	636.57	632.67	P20	7.6
					632.62	P19	
S15A	25+57.0	21.0 LT.	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	634.70	632.42	P19	
					632.37	P19A	
S16	27+86.6	20.0 LT.	INLET, TYPE B, TYPE 1 FRAME, OPEN LID	635.50	632.76	P20	
					635.53	EX. 4" PVC (SE)	
S17	21+28.0	19.5 LT.	INLETS, TYPE A, TYPE 8 GRATE	629.80	622.20	P10	
					622.10	P34	
<b>TOTAL</b>							47.1 USE 48

P.C.C. SIDEWALK SCHEDULE (INCLUDES WALK TO HOUSE/R.O.W. AND STREET QUANTITY)				
LOCATION			P.C.C. , 5" (SQ FT)	NOTES
18+45.2	20+88.3	22.3' LT.	1112	PI: 18+46.5, 22.1' LT PI: 18+57.4, 28.5' LT PI: 21+28.1, 30.7' LT PI: 21+60.3, 21.5' LT
22+77.2	22+85.2	21.1' LT.	56	
23+66.6	23+71.5	21.1' LT.	26	
23+93.4	23+98.4	21.1' LT.	25	
24+50.5	24+55.5	21.1' LT.	20	
23+63.1	23+68.1	21.0' RT.	10	
NW CORNER OF N. MAIN & W. MAIN			48	
SW CORNER OF S. MAIN & W. MAIN			220	
SE CORNER OF S. MAIN & E. MAIN			1,126	END AT 15 E. MAIN
NE CORNER OF E. MAIN & E. MAIN			420	
29+65.6	29+70.5	15.0' RT.	72	
35+28.0	35+58.0	24.0' RT.	90	
35+37.7	35+42.5	11.0' RT.	65	
TOTAL			3,290	

P.C.C. SIDEWALK SCHEDULE (CURB RAMPS FOR SIDEWALKS)			
LOCATION	P.C.C. , 6" (SQ FT)	DETECTABLE WARNINGS (SQ FT)	NOTES
NW CORNER OF WEST & W. MAIN ST	94	10	
NE CORNER OF WEST & W. MAIN ST	35	10	
NW CORNER OF N. MAIN & W. MAIN	113	24	
SW CORNER OF S. MAIN & W. MAIN	88	24	
SE CORNER OF S. MAIN & E. MAIN	112	20	
NE CORNER OF N. MAIN & E. MAIN	133	20	
NW COR. OF JEFFERSON & E. MAIN	52	10	
NE COR. OF JEFFERSON & E. MAIN	52	10	
NW COR. OF WASHINGTON & E. MAIN	51	10	
NE COR. OF WASHINGTON & E. MAIN	51	10	
TOTAL		781	148

TABULATION OF DRIVEWAY/ENTRANCE CONSTRUCTION													
LOCATION		ENTRANCE SURFACE TYPE	DIMENSIONS			PCC DRIVE PVMT, 8" (SQ YD)	HMA SURF CSE, 3.5" (TON)	BIT MATL, PRIME CT (LB)	BIT MATL, TACK CT (LB)	AGG BASE, 4" (TON)	AGG SURF CSE, 6" (TON)	AGG TEMP ACCESS (TON)	REMARKS
STATION	SIDE		W (FT)	L (FT)	AREA (SF)								
11+54.9	11 RT.	HMA ENTRANCE	12.0	24.0	455		9.9	114	11	8.5	-	5	UNKNOWN ST
12+67.02	11 LT.	HMA FLARE	24.0	4.0	157		3.4	39	4	3.0	12.0	5	
12+97.7	11 LT.	HMA FLARE	14.0	4.0	110		2.4	28	3	2.1	7.2	5	
13+95.95	11 RT.	HMA FLARE	12.0	4.0	114		2.5	29	3	2.2	3.9	5	
14+49.01	11 LT.	HMA FLARE	12.0	4.0	106		2.3	27	3	2.1	3.3	5	
15+18.57	11 RT.	HMA FLARE	14.0	4.0	120		2.6	30	3	2.3	4.2	5	
15+35.7	11 LT.	HMA FLARE	22.0	4.0	150		3.3	38	4	2.8	5.6	5	
15+70.1	11 RT.	HMA FLARE	16.0	4.0	128		2.8	32	3	2.4	3.6	5	
16+10.7	11 RT.	HMA FLARE	16.0	4.0	128		2.8	32	3	3.9	2.9	5	
16+89.7	11 RT.	HMA FLARE	24.0	4.0	160		3.5	40	4	3.0	6.3	5	
17+12.2	11 LT.	HMA FLARE	12.0	4.0	112		2.4	28	3	2.1	3.8	5	
17+91.4	11 RT.	HMA FLARE	130.0	4.0	583		12.7	146	15	10.9		10	BEAR CREEK AG-CENTER
20+16.5	11 RT.	HMA FLARE	16.0	4.0	115		2.5	29	3	2.2	4.7	5	
21+08.6	11 LT.	HMA FLARE	18.0	4.0	139		3.0	35	4	2.7	5.5	5	
21+32.1	11 RT.	HMA FLARE	16.0	4.0	128		2.8	32	3	2.4	4.6	5	
22+38.61	11 LT.	PCC ENTRANCE	16.5	X: 8.5	Y: 0.0	34				7.7		5	NEW PCC DRIVE
24+35.7	11 RT.	HMA FLARE	18.0	4.0						1.7		5	WITHIN PARKING AREA
26+26.5	11 RT.	HMA FLARE	12.0	4.0	112		2.4	28	3	2.1	3.8	5	
27+78.3	11 RT.	HMA FLARE	12.0	4.0	112		2.4	28	3	2.1	7.1	5	
28+57.1	11 LT.	HMA FLARE	14.0	4.0	120		2.6	30	3	2.3	4.2	5	
28+76.6	11 RT.	HMA FLARE	16.0	4.0	128		2.8	32	3	2.4	9.4	5	
28+92.97	11 LT.	HMA FLARE	18.0	4.0	136		3.0	34	3	2.6	5.0	5	
29+16.1	11 RT.	HMA FLARE	14.0	4.0	120		2.6	30	3	2.3	6.4	5	
29+65.9	11 LT.	HMA FLARE	14.0	4.0	120		2.6	30	3	2.3	4.2	5	
29+98.3	11 RT.	HMA FLARE	14.0	4.0	120		2.6	30	3	2.3	6.4	5	
31+28.4	11 LT.	PCC ENTRANCE	25.0	X: 4.0	Y: 9.4	40				9.1		5	EX PCC DRIVE
34+16.0	11 RT.	HMA FLARE	14.0	4.0	112		2.4	28	3	2.1	5.0	5	
36+15.3	11 RT.	HMA FLARE	12.0	4.0	112		2.4	28	3	2.1	5.0	5	
36+37.9	11 LT.	HMA FLARE	36.0	4.0	208		4.5	52	5	3.9	8.8	5	ELEVATOR
S. MAIN ST.	83' RT.	HMA FLARE	12.0	4.0	197		4.2	49	5	3.6	12.9	5	
S. MAIN ST.	137' RT.	HMA FLARE	12.0	4.0	171		3.7	43	4	3.2	11.4	5	
TOTALS						74	97.1 USE 98	1,121	113	102.7 USE 103	158.9 USE 159	160	

\* SAW CUTS SHALL BE FULL DEPTH, COST INCIDENTAL.

\*\* DISPOSAL TO BE OFFSITE.

\*\*\* AGGREGATE-TEMP ACCESS ALLOWANCE:  
5 TON PER PRIVATE ENTRANCE  
10 TON PER COMMERCIAL ENTRANCE  
15 TON PER SIDE ROAD

EARTHWORK EXCAVATION SUMMARY				
LOCATION STATION TO STATION	EARTH EXCAVATION (CU YD)	EXCAVATION ADJUSTED FOR SHRINKAGE (EXCAV. X 0.70) (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) BORROW (-) (CU YD)
10+20.00 TO 37+50.00	913	639	556	+83
TOTAL	913	639	556	+83

NOTE: A 30% SHRINKAGE FACTOR WAS USED.

HOT-MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)				
LOCATION	BEGIN STA	END STA	WIDTH (FT)	AREA (SQ YD)
W. MAIN ST.	10+20.0	10+60.0	22.0	97.8
E. MAIN ST.	37+01.0	37+41.0	22.0	97.8
TOTAL				195.6 USE 196

TABULATION OF TEMPORARY RAMP CONSTRUCTION						
STREET	BEGIN STA	OFFSET	END STA	OFFSET	WIDTH (FT)	TEMP. RAMP AREA (SQ YD)
W. MAIN	10+20.0	0.0 LT/RT	10+25.0	0.0 LT/RT	22	12.2
WEST	18+27.2	30.0 LT	18+27.2	35.0 LT	20	11.1
SEMINARY	20+53.5	30.0 RT	20+53.5	35.0 RT	24	13.3
N. MAIN	25+16.1	66.0 LT	25+16.1	71.0 LT	24	13.3
S. MAIN	25+15.3	66.0 RT	25+15.3	71.0 RT	22	12.2
JEFFERSON	33+36.9	30.0 LT	33+36.9	35.0 LT	16	8.9
WASHINGTON	35+19.5	30.0 LT	35+19.5	35.0 LT	12	6.7
E. MAIN	37+36.0	0.0 LT/RT	37+41.0	0.0 LT/RT	22	12.2
TOTAL						89.9 USE 90

AGGREGATE SURFACE COURSE, TYPE B				
LOCATION STATION TO STATION	WIDTH (FT)	QUANTITY (TON)	NOTES	
11+54.9	31.0 TO 36.0, RT	12.0	2.3	UNKNOWN ST, Dp = 6"
20+53.2	35.0 TO 40.0, RT	24.0	4.6	SEMINARY ST, Dp = 6"
20+47.6	40.0 TO 175.0, RT	7.0	35.9	SEMINARY ST, Dp = 6"
TOTAL		42.8 USE 43		

AGGREGATE BASE COURSE, TYPE B, 8"			
LOCATION STATION TO STATION	BOTTOM WIDTH (FT)	AREA (TON)	
MAIN STREET			
20+60.0, C.L. - LT	24+55.5, C.L. - LT	12.29	210.0
25+80.0, C.L. - LT	27+77.0, C.L. - LT	12.29	104.6
20+60.0, C.L. - RT	22+00.0, C.L. - RT	12.29	74.4
22+00.0, C.L. - RT	24+44.6, C.L. - RT	12.29	130.0
SUBTOTAL		519	
TOTAL		USE 520	

AGGREGATE WEDGE SHOULDER, TYPE B SCHEDULE				
LOCATION STATION TO STATION	SIDE	QUANTITY (TON)	NOTES	
MAIN STREET				
10+60.0	11+49.0	RT.	6.9	
11+61.0	13+80.0	RT.	15.9	
14+12.0	15+01.6	RT.	6.4	
15+35.6	15+52.1	RT.	1.4	
15+88.1	15+92.7	RT.	0.6	
16+28.7	16+67.7	RT.	2.9	
17+11.7	17+16.4	RT.	0.6	
17+20.5	18+62.2	RT.	9.7	BEAR CREEK AGRI CENTER
18+66.2	19+98.5	RT.	9.3	
SEMINARY ST S.W. RAD. RET.		RT.	1.5	
SEMINARY ST S.E. RAD. RET.		RT.	2.3	
20+85.4	21+14.1	RT.	2.0	
21+50.1	22+00.0	RT.	3.5	
24+52.4	24+86.4	RT.	2.5	
W. MAIN ST S.W. RAD. RET.		RT.	3.1	
E. MAIN ST S.E. RAD. RET.		RT.	2.6	
25+50.0	26+10.5	RT.	4.3	
26+42.5	27+62.3	RT.	8.4	
27+94.3	28+58.6	RT.	4.7	
28+94.6	28+99.1	RT.	0.6	
29+33.1	29+81.3	RT.	3.6	
30+15.3	33+99.0	RT.	26.5	
34+33.0	35+38.0	RT.	7.4	
35+43.0	35+99.3	RT.	4.0	
36+31.3	37+01.0	RT.	4.9	
10+60.0	12+43.0	LT.	12.7	
13+14.7	14+33.0	LT.	8.4	
14+65.0	15+14.7	LT.	3.7	
15+56.7	16+96.2	LT.	9.8	
17+28.2	17+97.1	LT.	4.7	
WEST ST. N.W. RAD. RET.		LT.	2.0	
WEST ST. N.E. RAD. RET.		LT.	2.2	
18+57.5	20+89.2	LT.	15.8	
21+27.2	22+15.4	LT.	6.2	
W. MAIN ST. N.W. RAD. RET.		LT.	4.6	
E. MAIN ST. N.E. RAD. RET.		LT.	5.1	
27+84.6	28+40.1	LT.	4.1	
28+74.0	28+74.0	LT.	0.3	
29+12.0	29+48.9	LT.	2.8	
29+82.9	31+11.6	LT.	9.3	
31+45.1	33+11.0	LT.	11.3	
JEFFERSON ST. N.W. RAD. RET.		LT.	1.9	
JEFFERSON ST. N.E. RAD. RET.		LT.	1.8	
33+63.7	34+93.5	LT.	8.6	
WASHINGTON ST. N.W. RAD. RET.		LT.	1.8	
WASHINGTON ST. N.E. RAD. RET.		LT.	2.5	
35+45.5	36+09.9	LT.	4.4	
36+65.9	37+01.0	LT.	2.5	
TOTAL			262.1	
			USE 262	

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	15

### AGGREGATE SUBGRADE IMPROVEMENT

LOCATION STATION TO STATION	LENGTH	AVE WIDTH	DEPTH	AGGREGATE SUBGRADE IMPROVEMENT*	GROUND STABILIZATION GEOSYNTHETIC	EARTH EXCAVATION	NOTES
	FT	FT	INCH	TON	SQ YD	CU YD	
11+20.0 TO 14+35.0	315.0	25.58	12	523	896	299	FULL WIDTH IMPROVEMENT, 12" DEPTH
23+81.0 TO 26+45.0	264.0	**34.17	18	876	1,003	502	**WIDTH INCL. RAD. RETURNS, 18" DEPTH
TOTAL				1,399 USE 1,400	1,899 USE 1,900	801	*USE CA-2 AGGREGATE @ 1.75 TON / CY

LOCATIONS NOTED ARE ESTIMATED TO ESTABLISH A UNIT PRICE. ACTUAL LOCATIONS, WIDTH AND DEPTH TO BE FIELD DETERMINED. ESTIMATED EARTHWORK FOR AGGREGATE SUBGRADE IMPROVEMENT IS NOT INCLUDED IN EARTHWORK SUMMARY. MEASURE IN-PLACE.

### HOT-MIX ASPHALT BINDER COURSE

LOCATION		LENGTH	AVE WIDTH	PAVT. AREA	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50		BITUMINOUS MATERIALS PRIME COAT	BITUMINOUS MATERIALS TACK COAT	NOTES
					AVERAGE THICKNESS	QUANTITY			
FROM	TO	(FT)	(FT)	(SQ FT)	INCHES	TONS	POUNDS	POUNDS	
W. MAIN ST	10+60.0 TO 25+16.0	544.0	22.75	33,124	6.0	1,237	8,281	828	
E. MAIN ST	25+16.0 TO 37+01.0	1,185.0	22.75	26,959	6.0	1,006	6,740	674	
N. MAIN ST	25+16.1, 11.0 - 71.0, LT	60.0	*36.30	2,178	6.0	82	545	55	*WIDTH INCLUDES RAD. RETURN
S. MAIN ST	25+15.8, 11.0 - 71.0, RT	60.0	*34.35	2,061	6.0	77	515	52	*WIDTH INCLUDES RAD. RETURN
WEST ST	18+27.2, 11.0 - 35.0, LT	24.0	*29.00	696	3.0	13	174	17	*WIDTH INCLUDES RAD. RETURN
SEMINARY ST	20+53.2, 11.0 - 35.0, RT	24.0	*34.38	825	3.0	16	206	21	*WIDTH INCLUDES RAD. RETURN
JEFFERSON ST	33+37.0, 11.0 - 35.0, LT	24.0	*23.92	574	3.0	11	144	14	*WIDTH INCLUDES RAD. RETURN
WASHINGTON ST	35+20.0, 11.0 - 35.0, LT	24.0	*21.00	504	3.0	10	126	13	*WIDTH INCLUDES RAD. RETURN
TOTAL						2,452	16,731	1,671	

### HOT-MIX ASPHALT SURFACE COURSE

LOCATION		LENGTH	AVE WIDTH	PAVT. AREA	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50		BITUMINOUS MATERIALS PRIME COAT	BITUMINOUS MATERIALS TACK COAT	NOTES
					AVERAGE THICKNESS	QUANTITY			
FROM	TO	(FT)	(FT)	(SQ FT)	INCHES	TONS	POUNDS	POUNDS	
W. MAIN ST	10+60.0 TO 25+16.0, C.L.	1,456	22.13	32,221	1.5	301	-	805	
W. MAIN ST	22+53.6 TO 24+55.5, LT	201.9	8.0	1,615	3.0	30	404	40	PARKING LANE, W = 8.0'
W. MAIN ST	25+80.0 TO 27+77.0, LT	197.0	8.0	1,576	3.0	29	394	39	PARKING LANE, W = 8.0'
W. MAIN ST	17+20.5 TO 18+62.5, RT	142.0	4.0	568	3.0	11	142	14	HMA SHOULDER, W = 4.0'
W. MAIN ST	22+00.0 TO 22+71.4, RT	71.4	4.0	286	3.0	5	72	7	HMA SHOULDER, W = 4.0'
W. MAIN ST	22+71.4 TO 22+83.7, RT	12.3	6.0	74	3.0	2	19	2	HMA SHOULDER, W. VAR. 4' TO 8'
W. MAIN ST	22+83.7 TO 24+44.6, RT	160.9	8.0	1,287	3.0	24	322	32	PARKING LANE, W = 8.0'
E. MAIN ST	25+16.0 TO 37+01.0, C.L.	1,185	22.13	26,224	1.5	245	-	656	
N. MAIN ST	25+16.1, 11.0 - 71.0, LT	60.0	*35.67	2,140	1.5	20	535	54	*WIDTH INCLUDES RAD. RETURN
S. MAIN ST	25+15.8, 11.0 - 71.0, RT	60.0	*33.75	2,025	1.5	19	506	51	*WIDTH INCLUDES RAD. RETURN
WEST ST	18+27.2, 11.0 - 35.0, LT	24.0	*29.00	696	3.0	7	174	17	*WIDTH INCLUDES RAD. RETURN
SEMINARY ST	20+53.2, 11.0 - 35.0, RT	24.0	*34.38	825	3.0	8	206	21	*WIDTH INCLUDES RAD. RETURN
JEFFERSON ST	33+37.0, 11.0 - 35.0, LT	24.0	*23.92	574	3.0	6	144	14	*WIDTH INCLUDES RAD. RETURN
WASHINGTON ST	35+20.0, 11.0 - 35.0, LT	24.0	*21.00	504	3.0	5	126	13	*WIDTH INCLUDES RAD. RETURN
TOTAL						712	3,044	1,765	

### PAVEMENT MARKINGS

LOCATION STATION TO STATION	MK LINE 4" WHITE (FOOT)	MK LINE 4" YELLOW (FOOT)	MK LINE 24" WHITE (FOOT)	TEMP MK LINE 4" * (FOOT)	TEMP MK REMOVAL (SQ FT)
MAIN STREET					
10+20.00, C.L.		2,910		576	96
25+55.00, C.L.		2,372		480	80
18+11.13, 16' LT.			16		
20+53.19, 16' RT.			16		
22+75.50, 11' LT.	180				
22+84.47, 11' RT.	140				
22+75.50, 19' LT.	8				
22+95.50, 19' LT.	8				
23+15.50, 19' LT.	8				
23+35.50, 19' LT.	8				
23+55.50, 19' LT.	8				
23+75.50, 19' LT.	8				
23+95.50, 19' LT.	8				
24+15.50, 19' LT.	8				
24+35.50, 19' LT.	8				
24+55.50, 19' LT.	8				
24+36.00, C.L.		80			
24+75.00, 0.5' RT.			12		
25+15.80, 31' RT.		80			
25+16.30, 32' RT.			14		
25+54.00, C.L.		80			
25+55.00, 0.5' LT.	25+55.00, C12.5' LT.		12		
25+16.80, 31' LT.	25+16.80, 71' LT.	80			
25+01.30, 32' LT.	25+16.30, 32' LT.		15		
22+84.57, 19' RT.	22+84.57, 11' RT.	8			
23+04.57, 19' RT.	23+04.57, 11' RT.	8			
23+24.57, 19' RT.	23+24.57, 11' RT.	8			
23+44.57, 19' RT.	23+44.57, 11' RT.	8			
23+64.57, 19' RT.	23+64.57, 11' RT.	8			
23+84.57, 19' RT.	23+84.57, 11' RT.	8			
24+04.57, 19' RT.	24+04.57, 11' RT.	8			
24+24.57, 19' RT.	24+24.57, 11' RT.	8			
24+44.57, 19' RT.	24+44.57, 11' RT.	8			
24+24.57, 19' LT.	24+44.57, 11' LT.	22			
24+44.57, 19' LT.	24+24.57, 11' LT.	22			
33+25.83, 18' LT.	33+36.83, 18' LT.		11		
35+10.13, 19' LT.	35+20.13, 19' LT.		10		
SUBTOTAL		516	5,602		
TOTAL		6,118	106	1,056	176

\* TWO APPLICATIONS. ONE FOR THE TOP BINDER SURFACE. ONE FINISH SURFACE COURSE.

INLET AND PIPE PROTECTION			
LOCATION	QUANTITY	NOTES	
INLET / PIPE NO.	EACH		
MAIN STREET			
S2	1	18 INLETS TO BE PROTECTED	
S3	1		
S3A	1		
S4	1		
S5	1		
S7	1		
S8	1		
S9	1		
S10	1		
S12	1		
S13	1		
S14	1		
S15	1		
S15A	1		
S16	1		
S17	1		
EX. INLET E6	1		27 PIPES TO BE PROTECTED
EX. INLET E11	1		
P1	1		
P9	1		
P12	1		
P21	1		
P22	1		
P23	1		
P24	1		
P25	1		
P26	1		
P27	1		
P28	1		
P29	1		
P30	1		
P31	1		
P32	1		
P33	1		
EX. PIPE 11+37.2, LT.	1		
EX. PIPE 12+74.7, RT.	1		
EX. PIPE 16+40.0, RT.	1		
EX. PIPE 16+44.1, LT.	1		
EX. PIPE 18+47.0, LT.	1		
EX. PIPE 26+33.4, LT.	1		
EX. PIPE 29+77.2, LT.	1		
EX. PIPE 31+41.8, LT.	1		
EX. PIPE 33+19.7, LT.	1		
EX. PIPE 33+54.4, LT.	1		
EX. PIPE 35+37.1, LT.	1		
<b>TOTAL</b>	<b>45</b>		

TEMPORARY DITCH CHECKS			
LOCATION		QUANTITY	NOTES
STATION	O/S	FOOT	
MAIN STREET			
12+31.0	17' RT	8	
13+23.5	17' RT	8	
19+00.0	17' RT	8	
20+78.0	55' RT	8	
20+96.0	21' RT	8	
28+37.5	22' RT	8	
31+12.0	21' RT	8	
32+12.0	22' RT	8	
32+30.5	20' LT	8	
33+12.0	24' RT	8	
<b>TOTAL</b>		<b>80</b>	

PERIMETER EROSION BARRIER					
LOCATION				QUANTITY	NOTES
STATION	O/S	STATION	O/S	FOOT	
MAIN STREET					
10+50.0	17' RT	11+47.0	35' RT	104	
20+39.0	176' RT	20+46.0	281' RT	170	
24+35.0	28' RT	24+74.5	28' RT	39	
25+54.0	23' RT	26+18.0	22' RT	64	
<b>TOTAL</b>				<b>377 USE 400</b>	

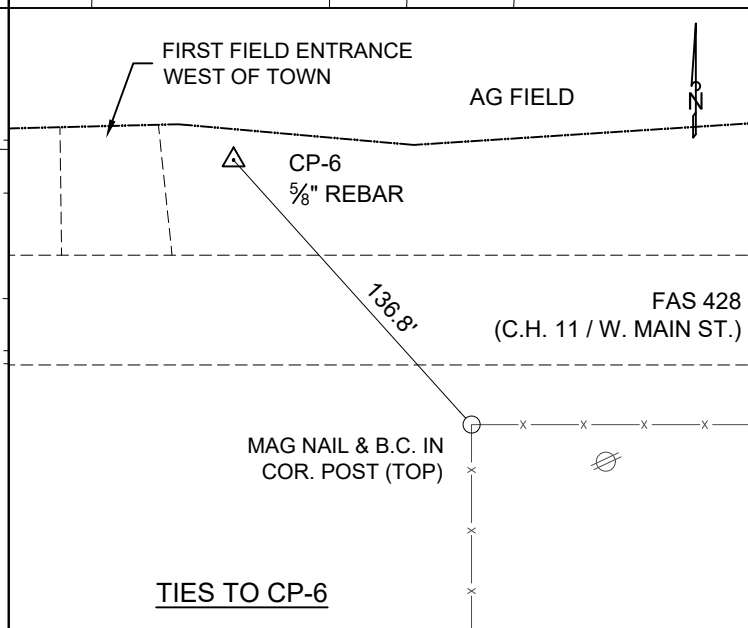
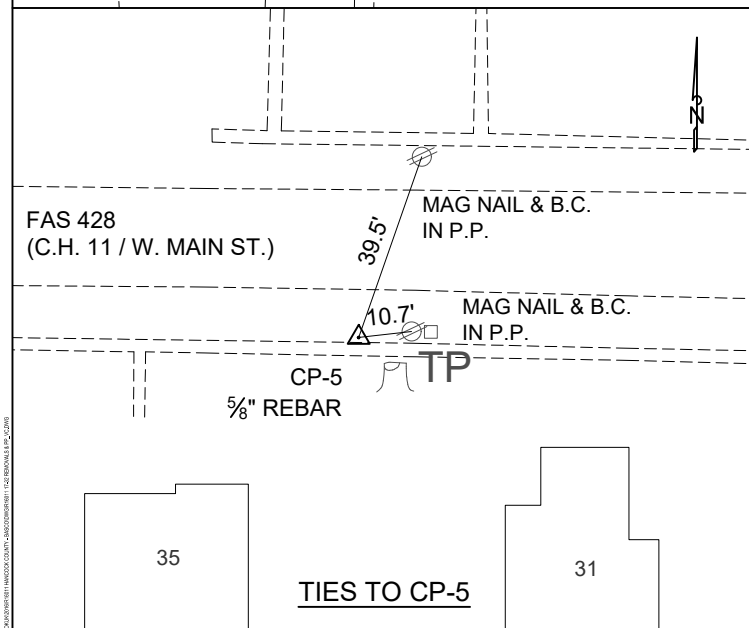
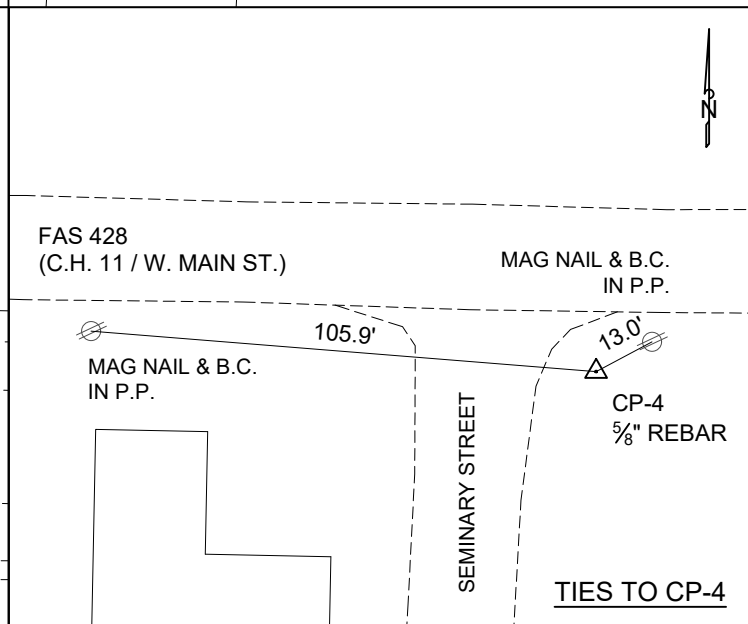
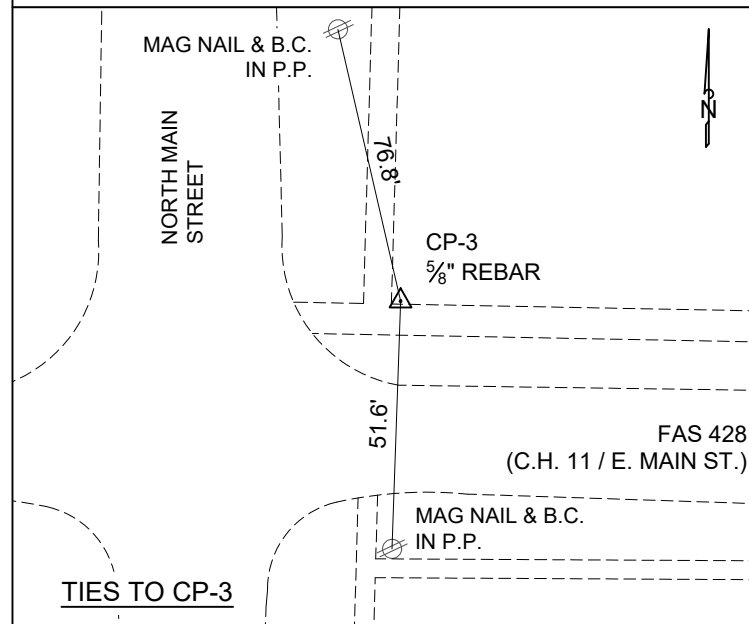
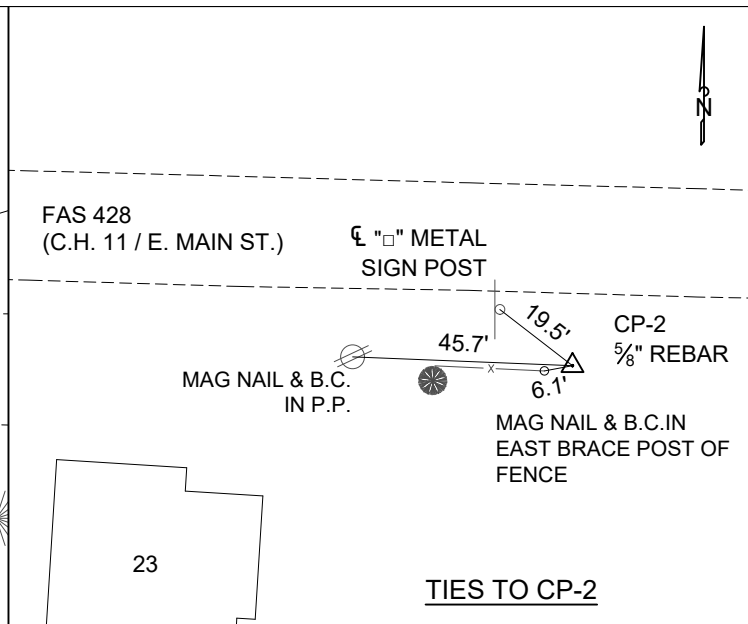
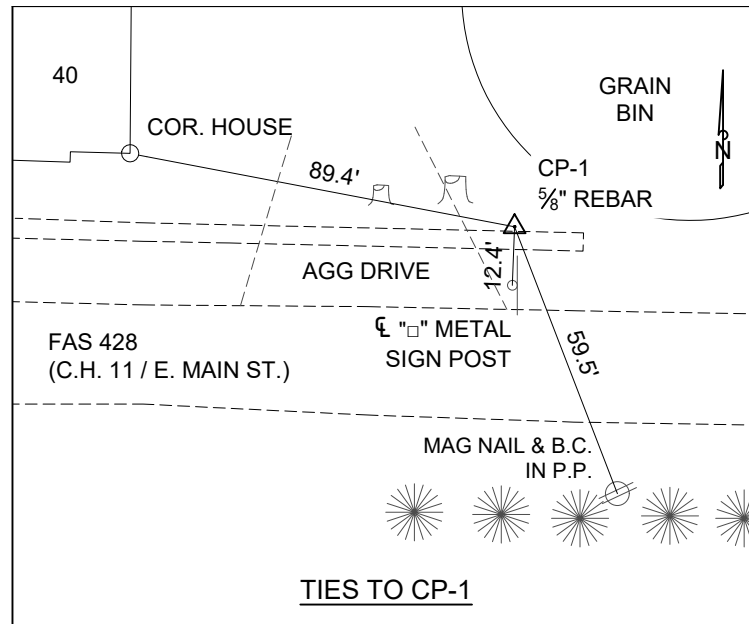
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18					
LOCATION				QUANTITY	NOTES
STATION	O/S	STATION	O/S	FOOT	
MAIN STREET					
17+20.5	17.0 LT	18+62.2	17.0 LT	141.7	BEAR CREAK AGRI CENTER
22+00.0	17.0 RT	24+44.6	21.0 RT	246.3	INCLUDES DEPRESSED CC&G
22+21.7	22.0 LT	24+55.5	21' LT.	233.8	INCLUDES DEPRESSED CC&G
25+80.0	21.0 LT	27+77.0	21.0 LT	197.0	POST OFFICE/GARAGE AREA
<b>TOTAL</b>				<b>818.8 USE 819</b>	

SEEDING SCHEDULE						
LOCATION STATION TO STATION		SEEDING CLASS 1	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2
		ACRE	POUND	POUND	POUND	ACRE
MAIN STREET						
10+20 RT	11+49 RT	0.02	1.8	1.8	1.8	0.02
10+20 LT	12+54 LT	0.03	2.7	2.7	2.7	0.03
11+67 RT	13+90 RT	0.04	3.6	3.6	3.6	0.04
12+80 LT	12+91 LT	0.01	0.9	0.9	0.9	0.01
13+05 LT	14+43 LT	0.02	1.8	1.8	1.8	0.02
14+02 RT	15+12 RT	0.01	0.9	0.9	0.9	0.01
14+55 LT	15+24 LT	0.01	0.9	0.9	0.9	0.01
15+25 RT	15+62 RT	0.01	0.9	0.9	0.9	0.01
15+46 LT	17+06 LT	0.02	1.8	1.8	1.8	0.02
15+78 RT	16+03 RT	0.01	0.9	0.9	0.9	0.01
16+18 RT	16+77 RT	0.02	1.8	1.8	1.8	0.02
17+01 RT	17+20 RT	0.01	0.9	0.9	0.9	0.01
17+18 LT	18+11 LT	0.02	1.8	1.8	1.8	0.02
18+36 LT	21+00 LT	0.08	7.2	7.2	7.2	0.08
18+62 RT	20+09 RT	0.02	1.8	1.8	1.8	0.02
20+24 RT	20+42 RT	0.01	0.9	0.9	0.9	0.01
20+62 RT	21+24 RT	0.03	2.7	2.7	2.7	0.03
21+17 LT	22+24 LT	0.02	1.8	1.8	1.8	0.02
21+40 RT	24+30 RT	0.03	2.7	2.7	2.7	0.03
22+52 LT	25+05 LT	0.04	3.6	3.6	3.6	0.04
24+44 RT	25+00 RT	0.02	1.8	1.8	1.8	0.02
25+27 LT	25+85 LT	0.03	2.7	2.7	2.7	0.03
25+31 RT	26+21 RT	0.08	7.2	7.2	7.2	0.08
26+33 RT	27+73 RT	0.03	2.7	2.7	2.7	0.03
27+70 LT	28+50 LT	0.02	1.8	1.8	1.8	0.02
27+84 RT	28+69 RT	0.02	1.8	1.8	1.8	0.02
28+64 LT	28+84 LT	0.01	0.9	0.9	0.9	0.01
28+84 RT	26+12 RT	0.01	0.9	0.9	0.9	0.01
29+02 LT	29+59 LT	0.01	0.9	0.9	0.9	0.01
29+23 RT	29+91 RT	0.01	0.9	0.9	0.9	0.01
29+73 LT	31+16 LT	0.03	2.7	2.7	2.7	0.03
30+03 RT	34+10 RT	0.11	9.9	9.9	9.9	0.11
31+41 LT	33+29 LT	0.04	3.6	3.6	3.6	0.04
33+43 LT	35+15 LT	0.04	3.6	3.6	3.6	0.04
34+22 RT	36+10 RT	0.04	3.6	3.6	3.6	0.04
35+25 LT	36+19 LT	0.02	1.8	1.8	1.8	0.02
36+21 RT	37+41 RT	0.02	1.8	1.8	1.8	0.02
36+55 LT	37+41 LT	0.02	1.8	1.8	1.8	0.02
<b>TOTAL</b>		<b>1.02</b>	<b>91.8</b>	<b>91.8</b>	<b>91.8</b>	<b>1.02</b>
<b>USE</b>		<b>1.0</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>1.0</b>

TEMPORARY EROSION CONTROL SEEDING TO BE APPLIED WHEN DIRECTED BY ENGINEER.  
ESTIMATED QUANTITY TO ESTABLISH UNIT PRICE PER POUND.  
ASSUME: (2 APPLICATIONS) X (100 POUNDS / ACRE) X (1.0 ACRE) = 200 POUND

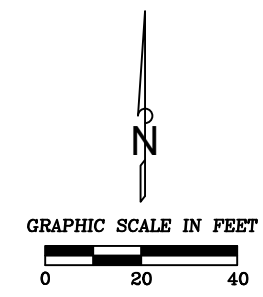
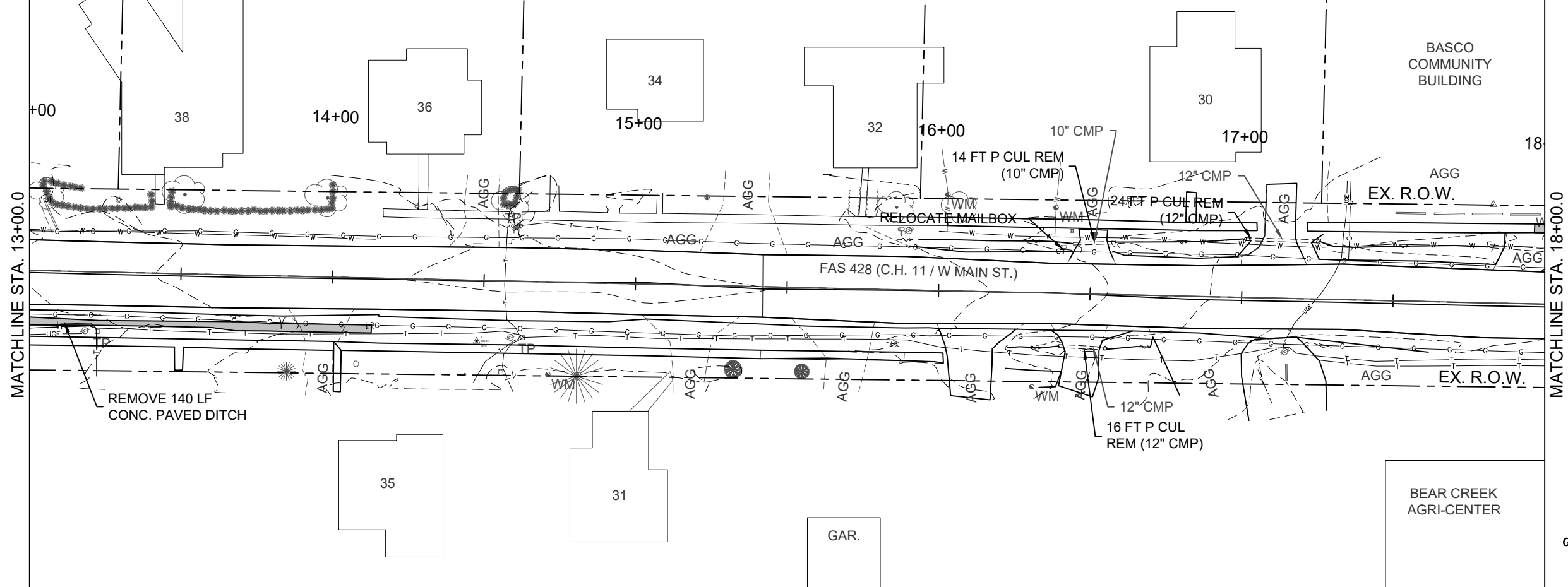
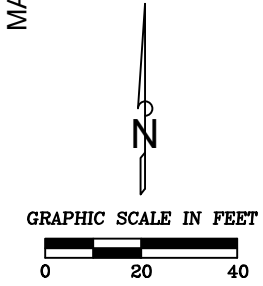
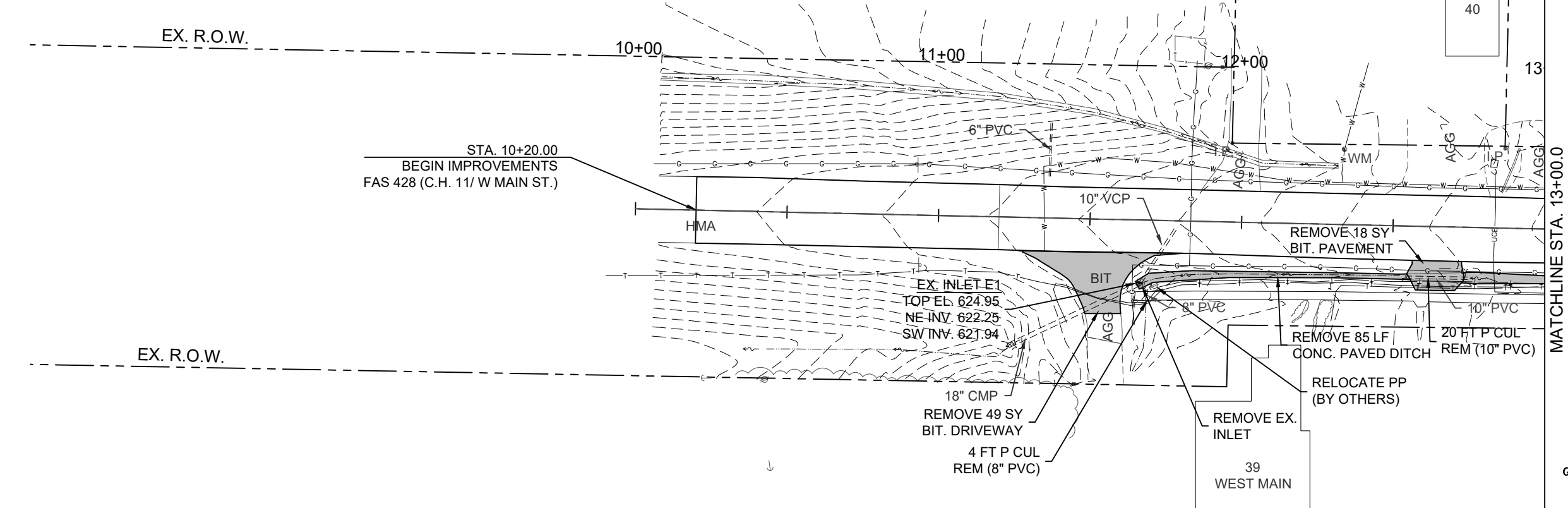


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	17

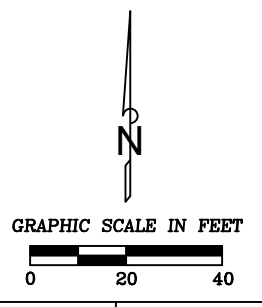
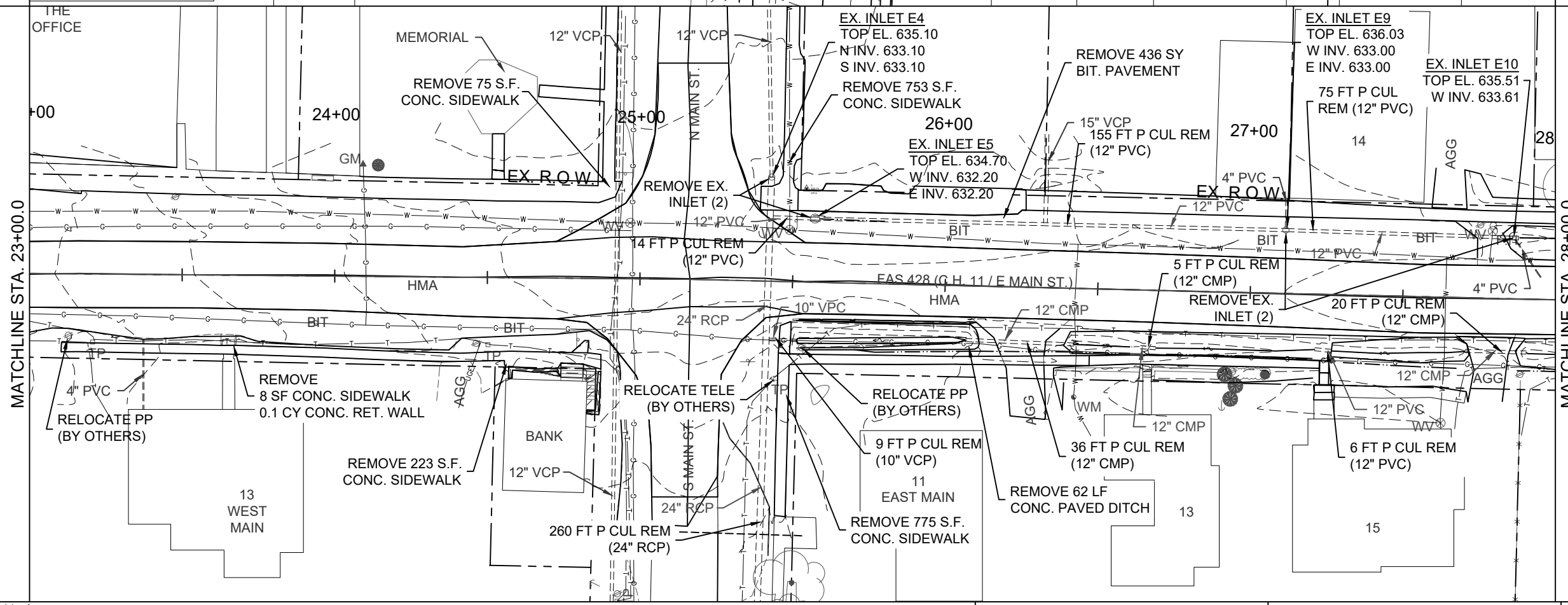
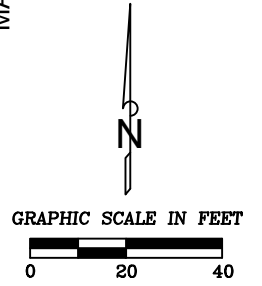
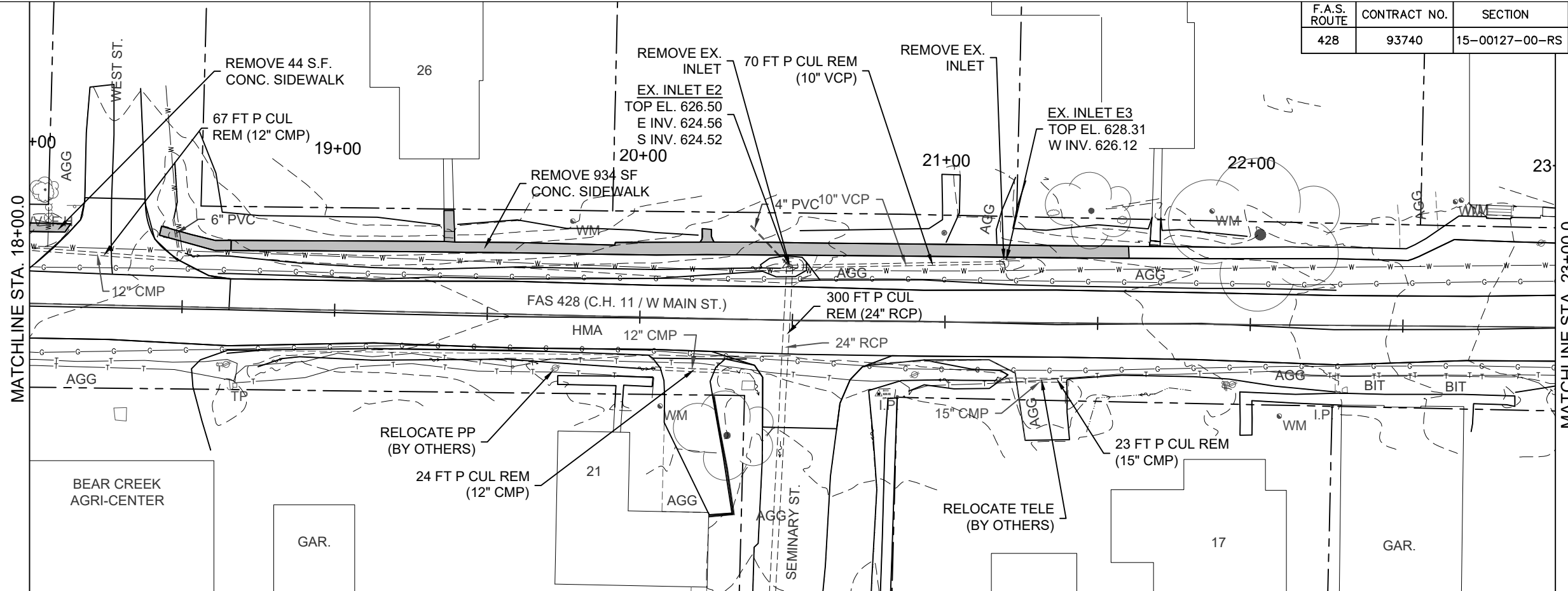


CONTROL POINTS				
CONTROL POINT	NORTHING COORDINATE	EASTING COORDINATE	STATION / OFFSET	CONTROL ELEVATION
1	1335100.522	2009611.795	36+71.6, 28.5 LT.	648.729
2	1335059.698	2008996.790	30+57.7, 26.4 RT.	639.664
3	1335128.532	2008494.492	25+53.9, 30.5 LT.	635.742
4	1335078.991	2008018.154	20+78.5, 23.8 RT.	626.906
5	1335096.481	2007387.613	14+48.0, 20.1 RT.	633.206
6	1335152.485	2006500.567	5+60.0, 16.1 LT.	618.482

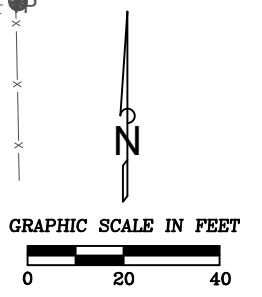
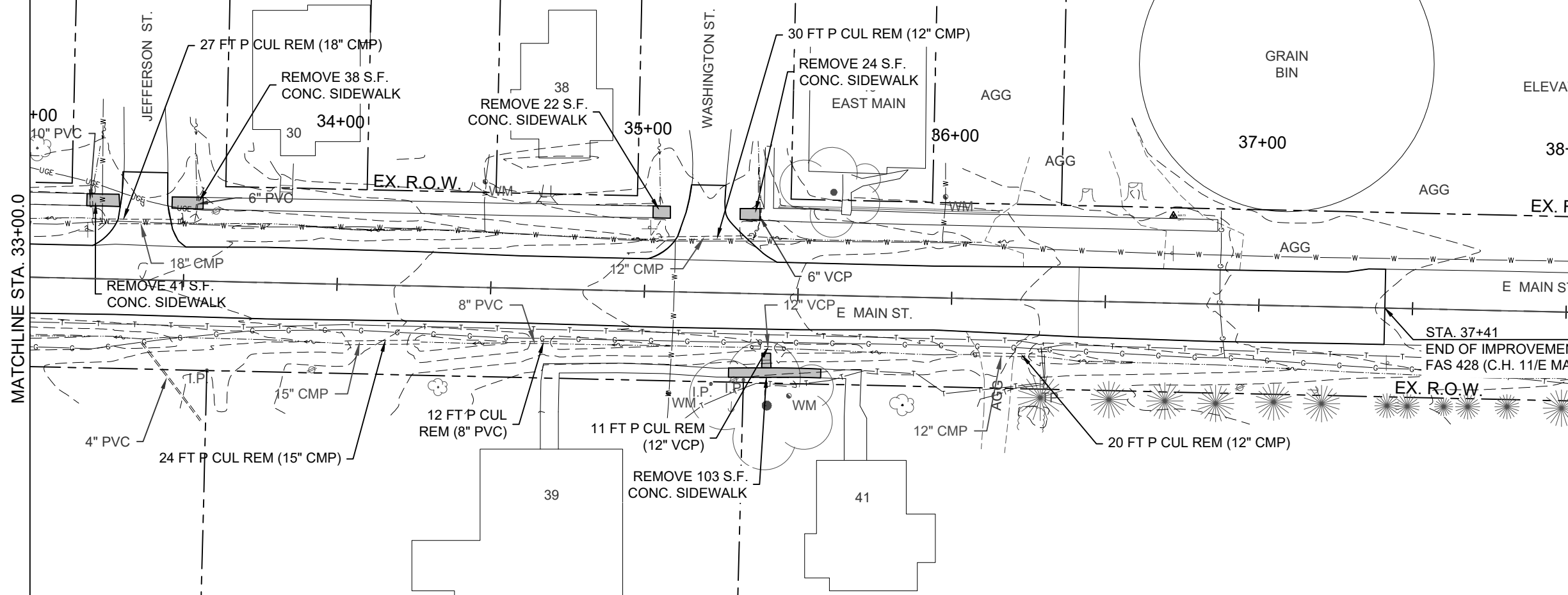
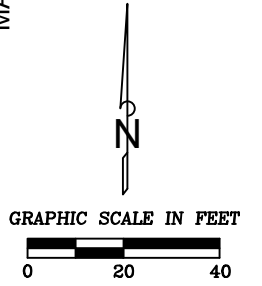
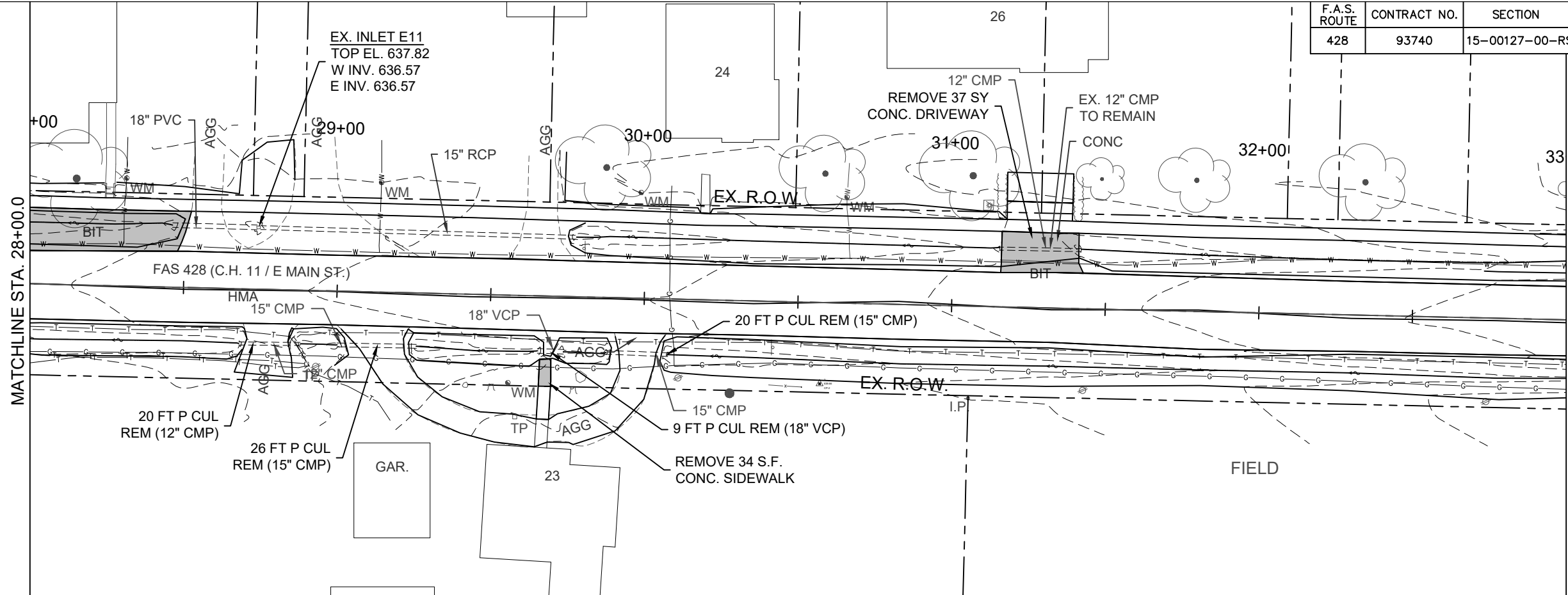
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428	93740	15-00127-00-RS	HANCOCK	64	18



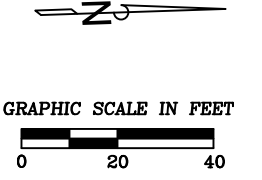
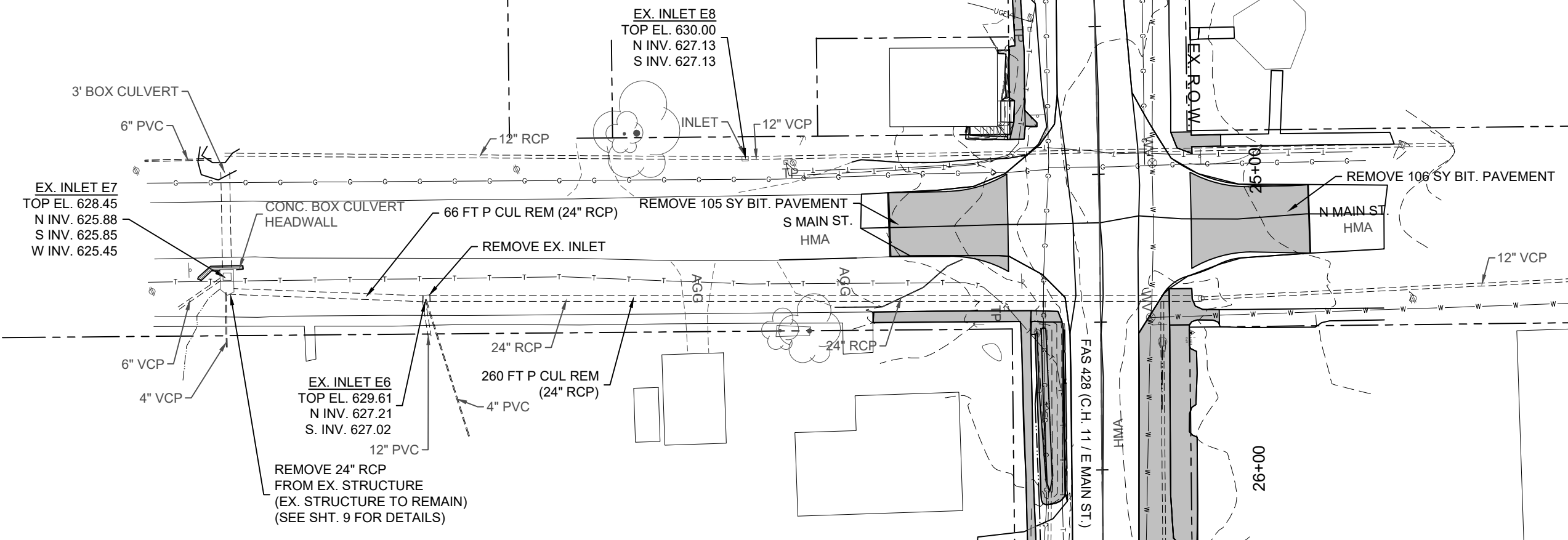
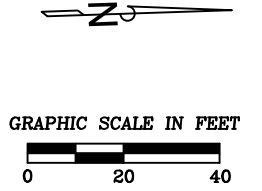
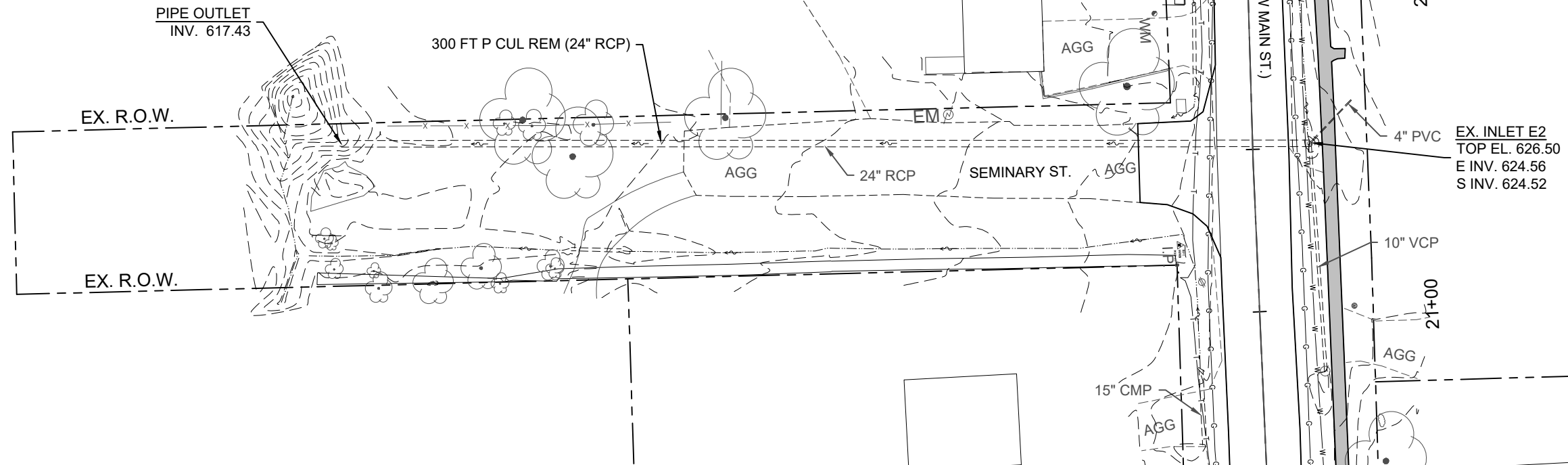
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428	93740	15-00127-00-RS	HANCOCK	64	19



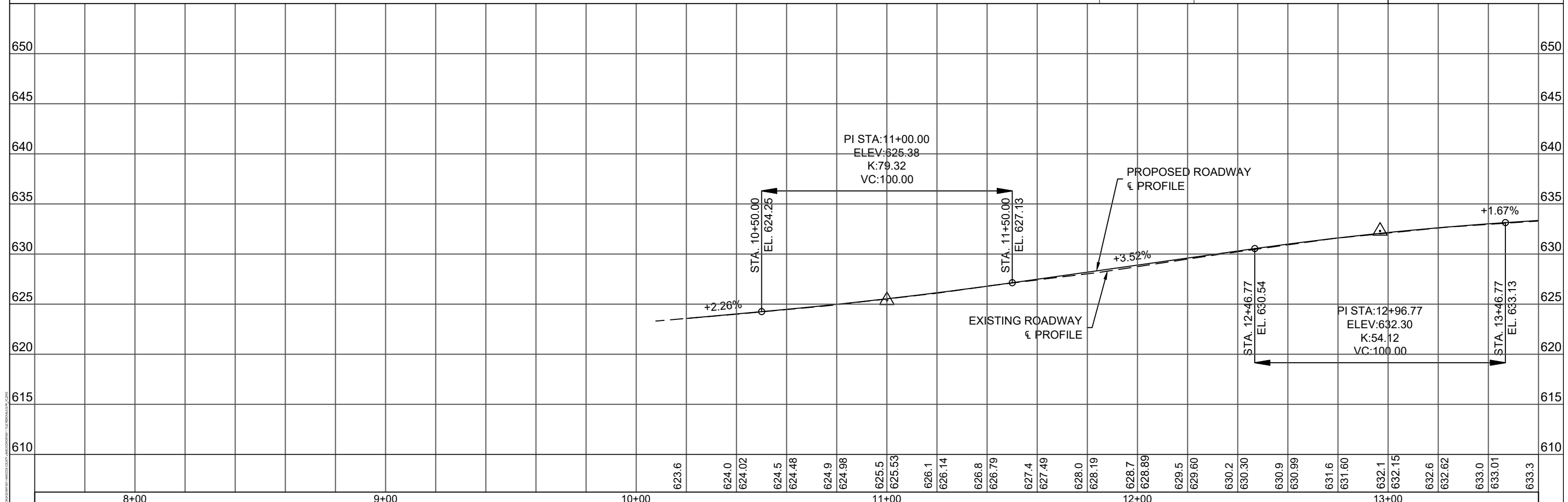
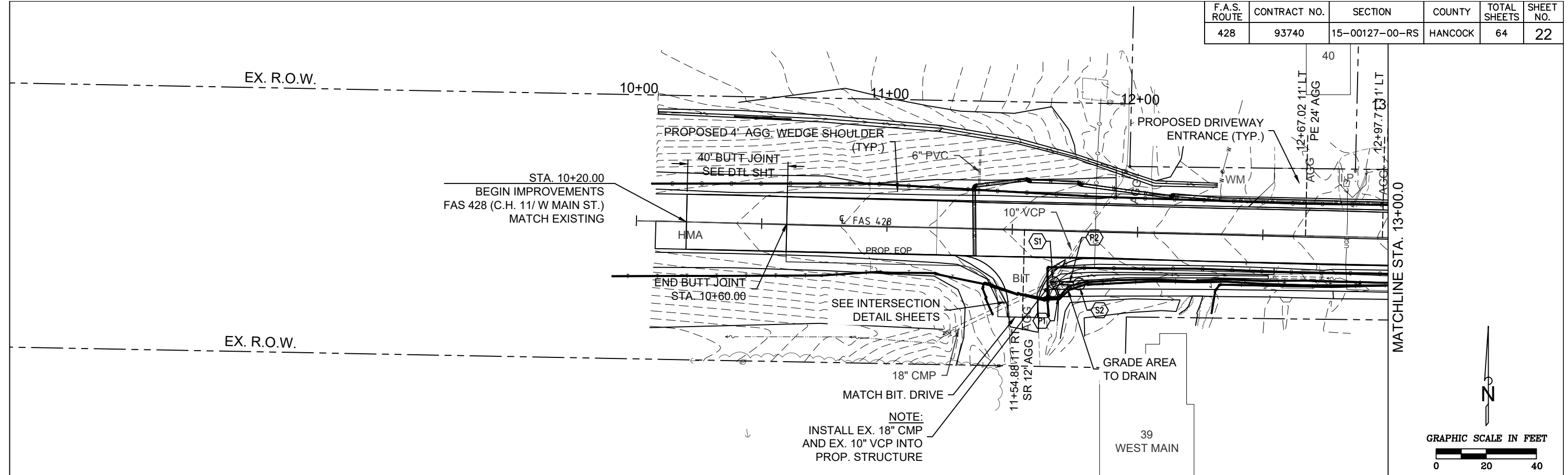
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428	93740	15-00127-00-RS	HANCOCK	64	20



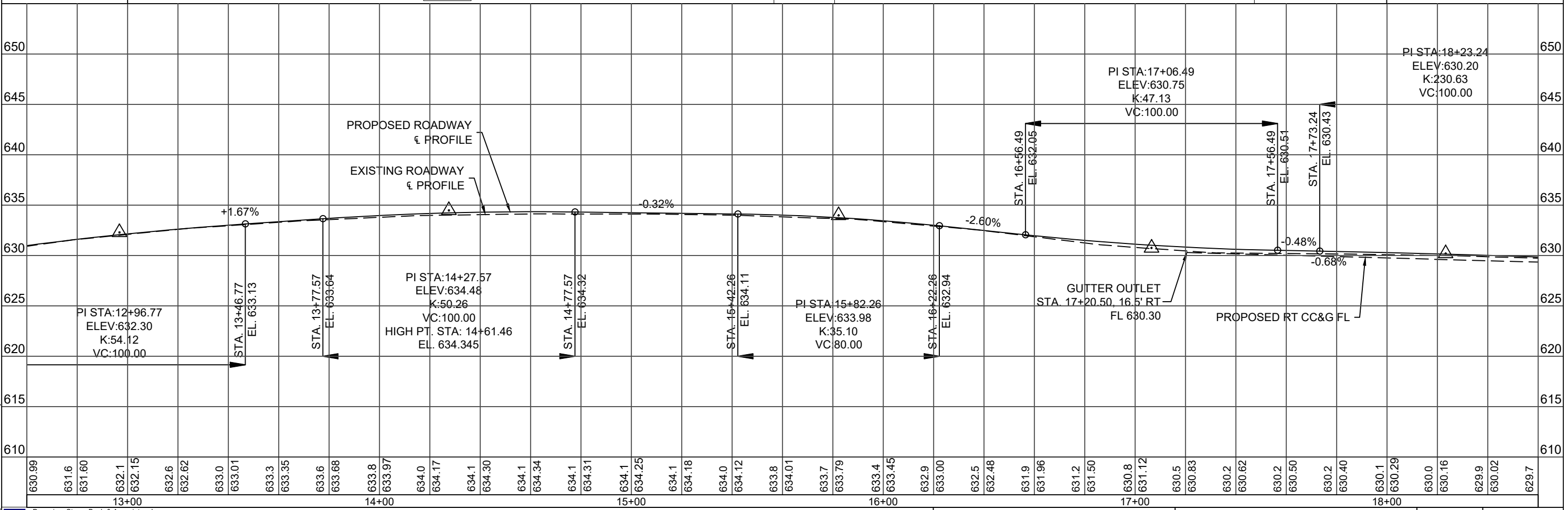
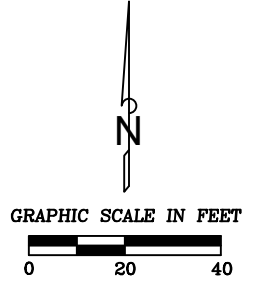
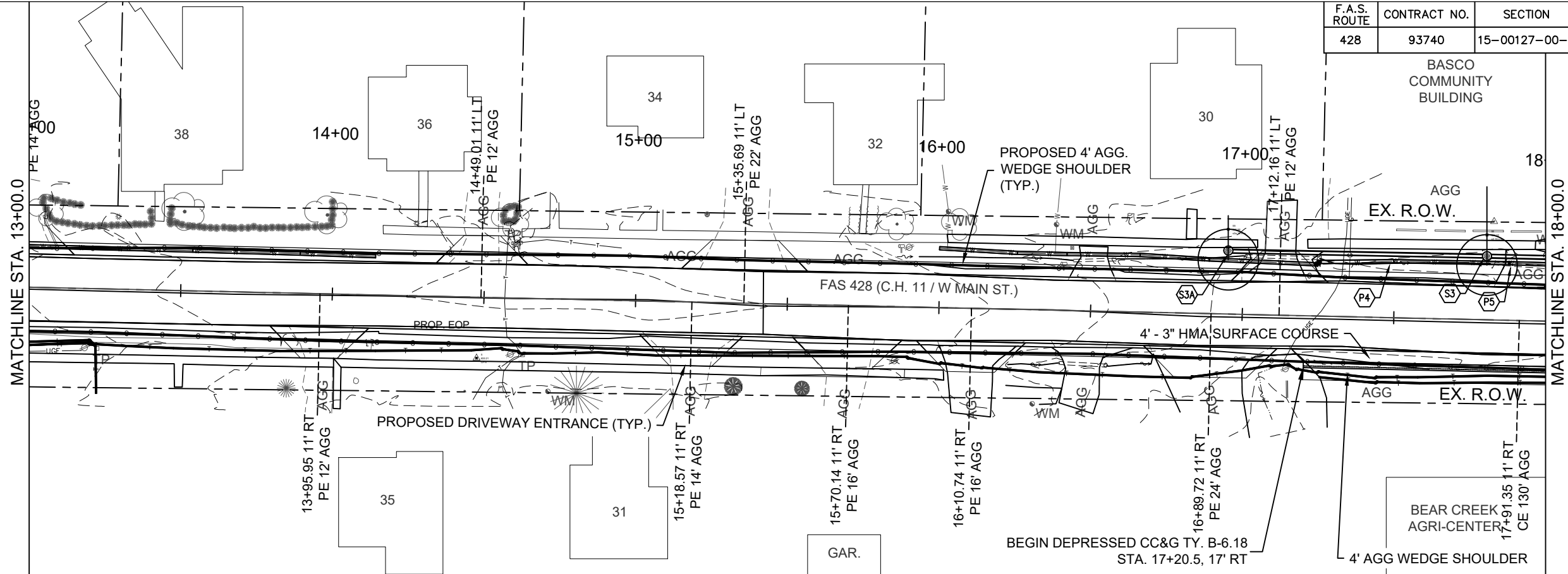
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428	93740	15-00127-00-RS	HANCOCK	64	21



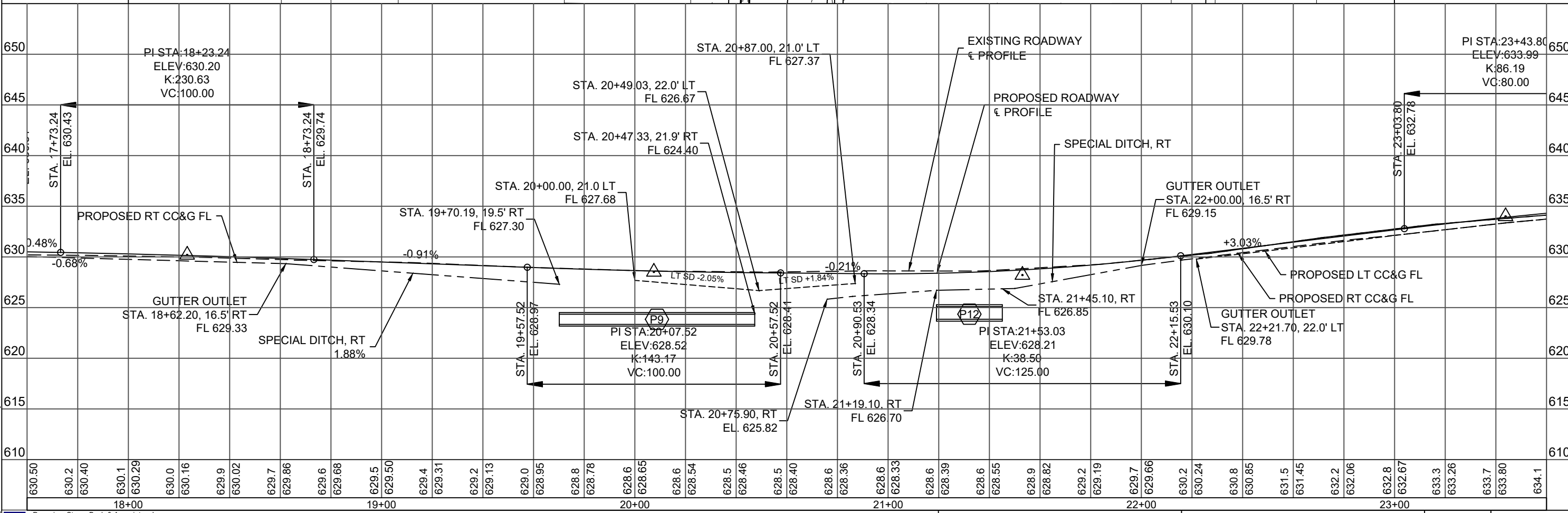
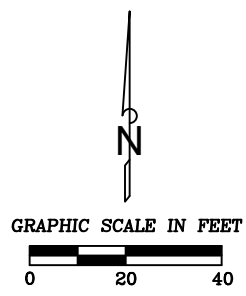
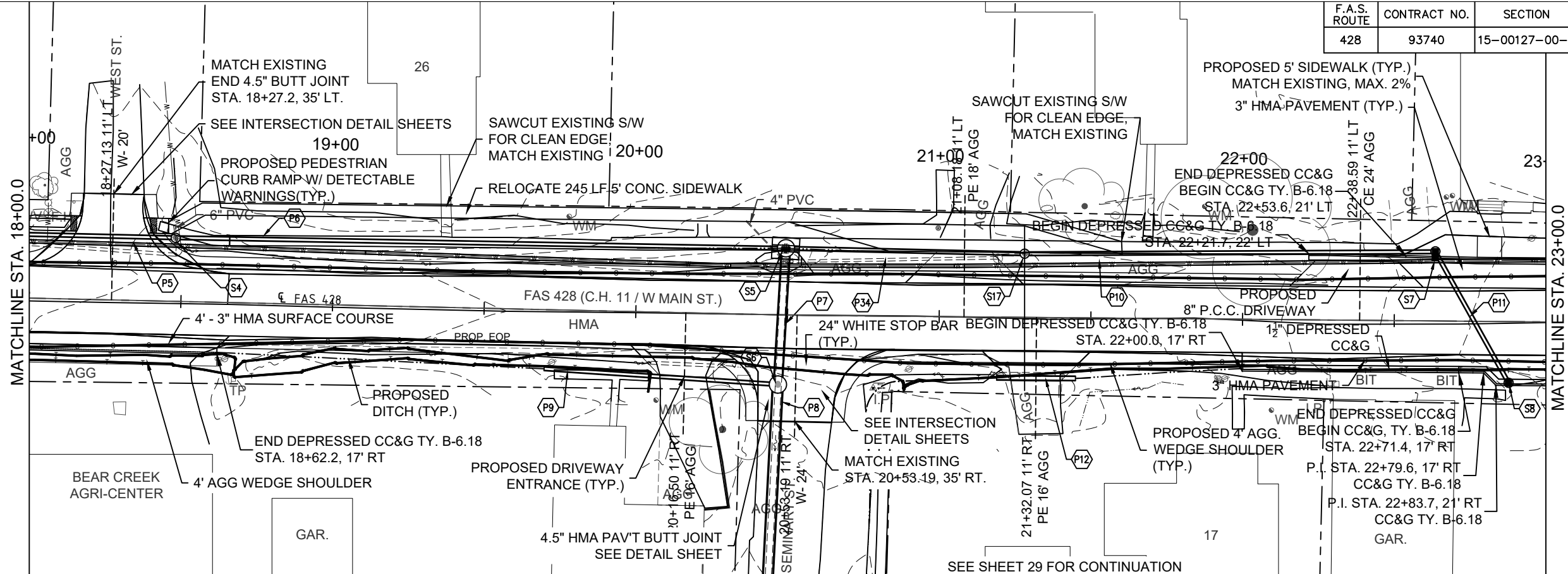
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428	93740	15-00127-00-RS	HANCOCK	64	22



F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	23



F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	24



PSBA  
 Poeppling, Stone, Bach & Associates, Inc.  
 100 S. 54th Street, P.O. Box 709, Quincy, IL 62305  
 Ph: 217.223.4805, Toll Free: 877.423.4805, Fax: 217.223.1598

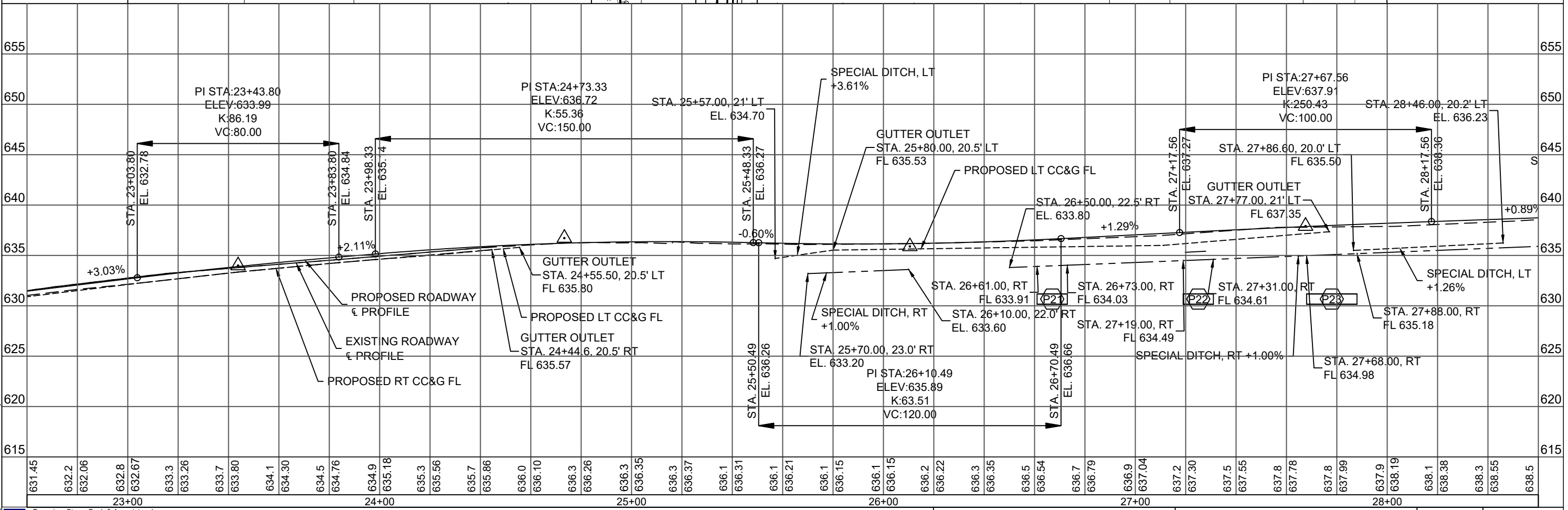
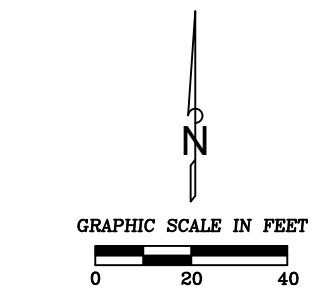
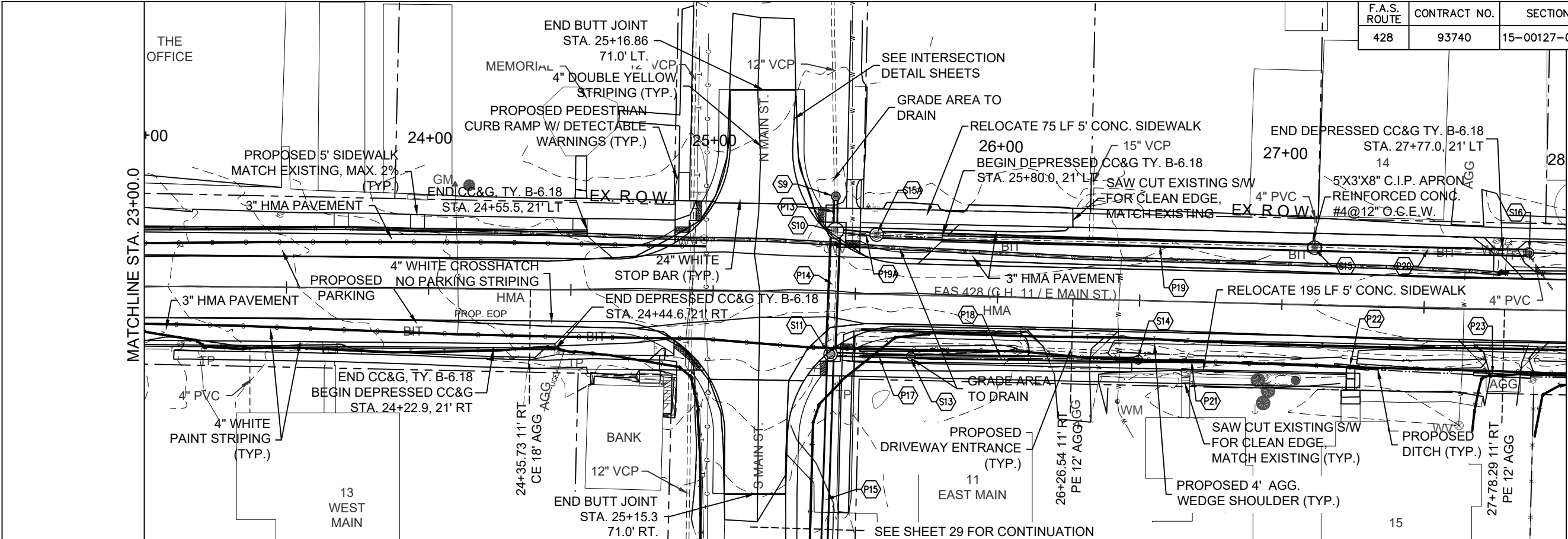
PLAN AND PROFILE

HANCOCK COUNTY, C.H. 11 (BASCO)

PROJECT NUMBER R-16-011



F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	25



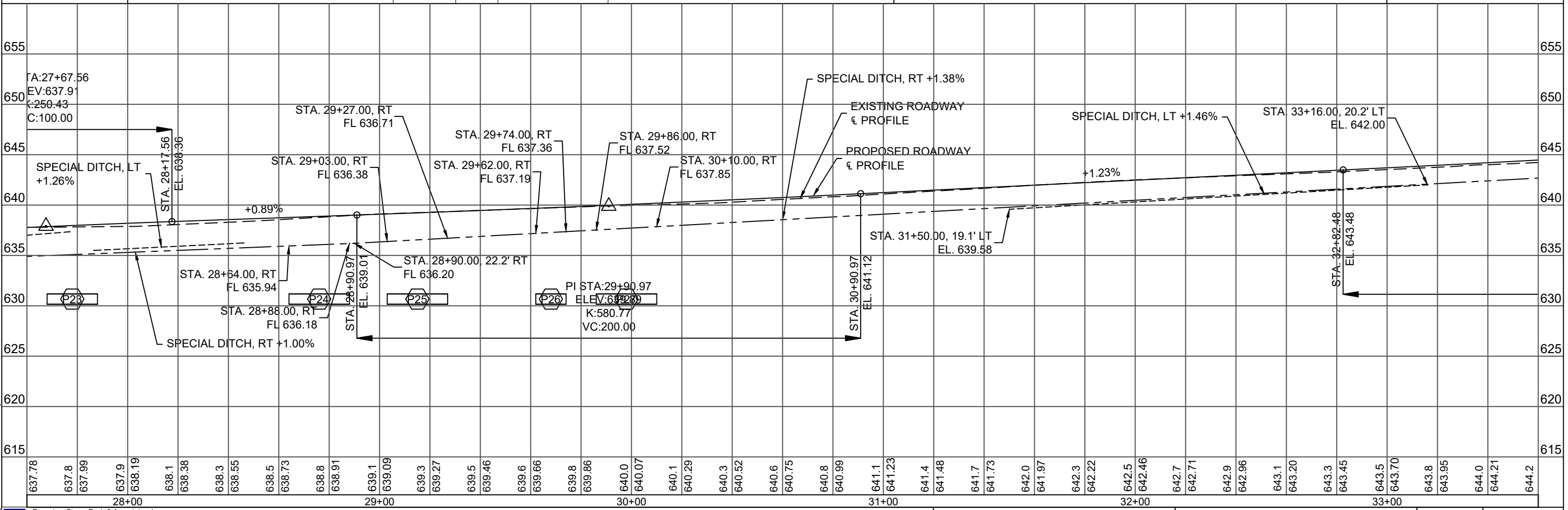
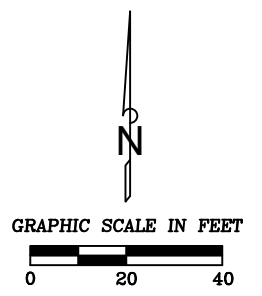
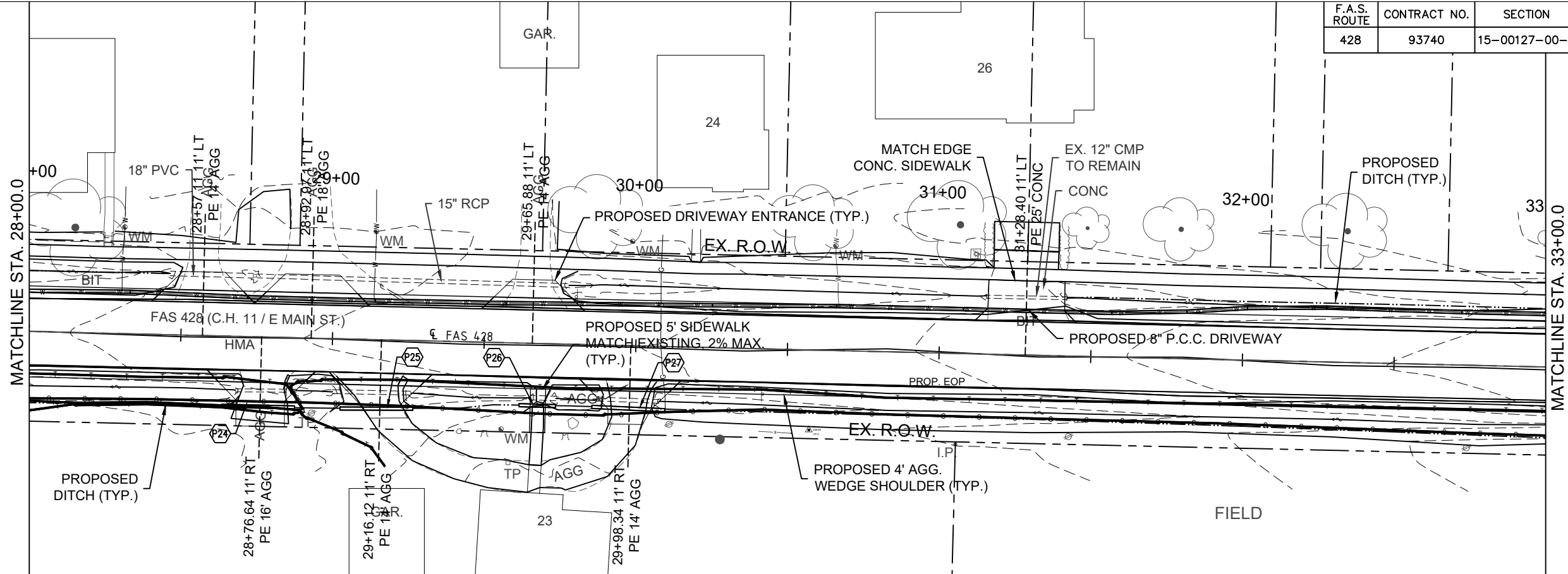
PSBA  
 Poeppling, Stone, Bach & Associates, Inc.  
 190 S. 54th Street, P.O. Box 709  
 Quincy, IL 62305  
 Ph: 217.223.4600  
 Toll Free: 877.423.4600  
 Fax: 217.223.1549

PLAN AND PROFILE

HANCOCK COUNTY, C.H. 11 (BASCO)

PROJECT NUMBER R-16-011

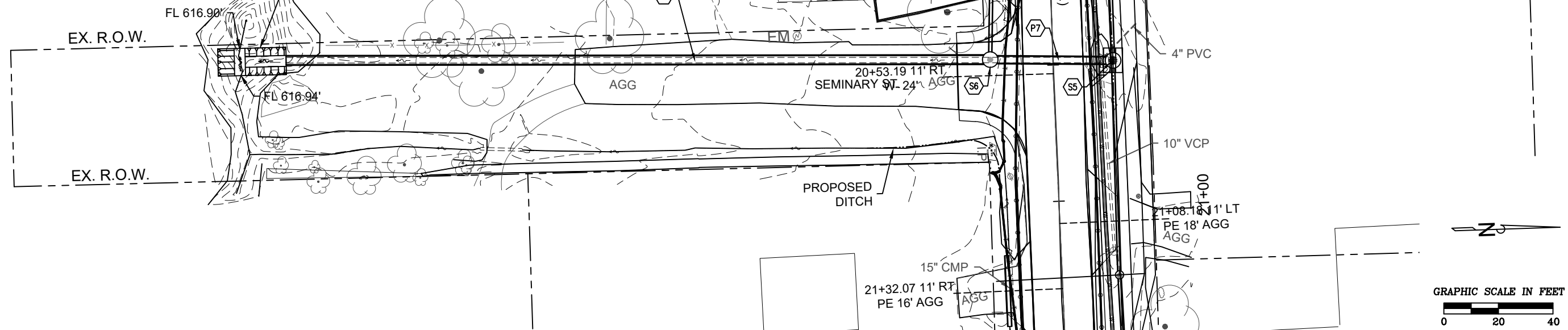
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428	93740	15-00127-00-RS	HANCOCK	64	26



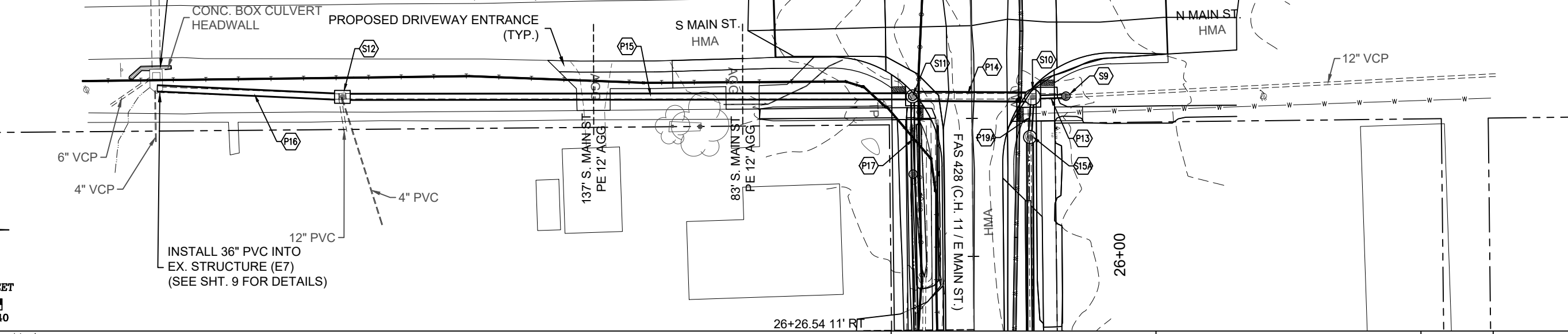


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	28

RIPRAP OUTLET & DITCH TRANSITION  
SEE DETAIL



3' BOX CULVERT  
6" PVC  
INLET TO BE RECONSTRUCTED  
(SEE SHT. 9 FOR DETAILS)



GRAPHIC SCALE IN FEET  
0 20 40

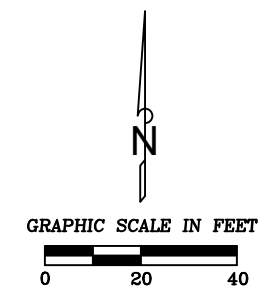
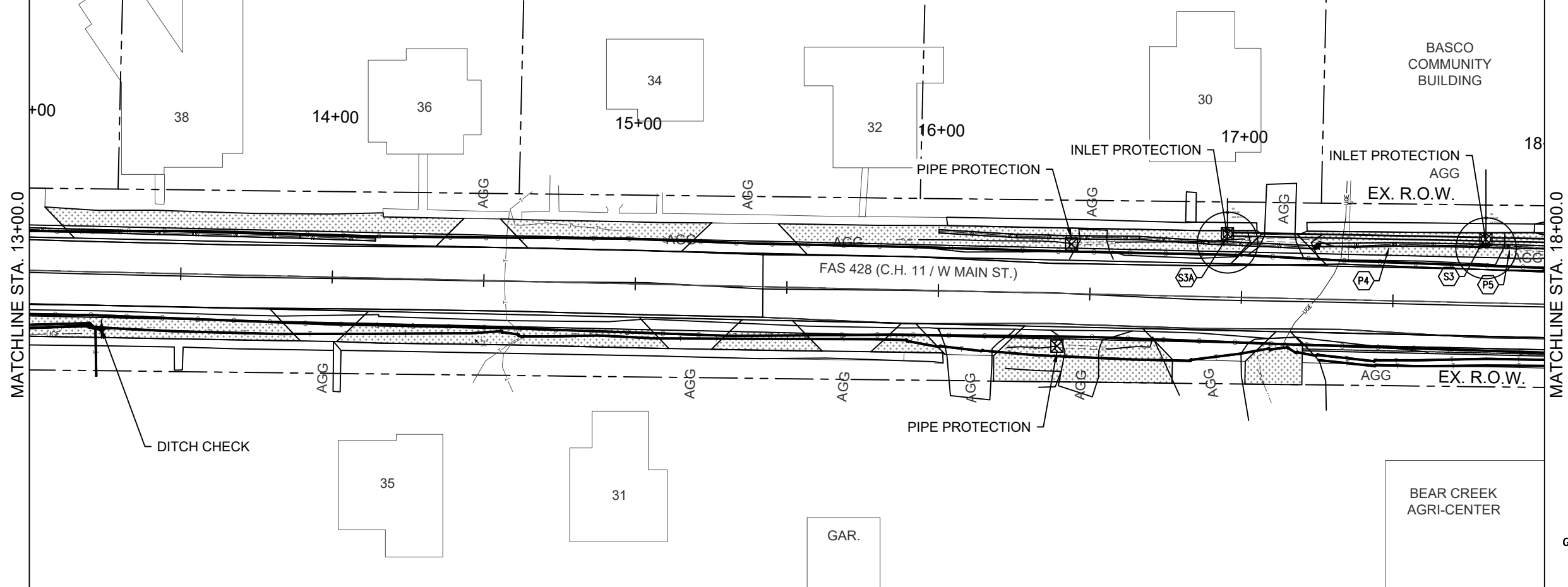
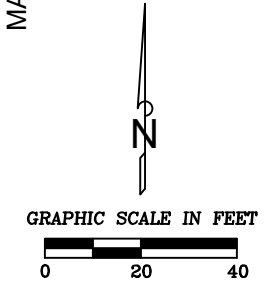
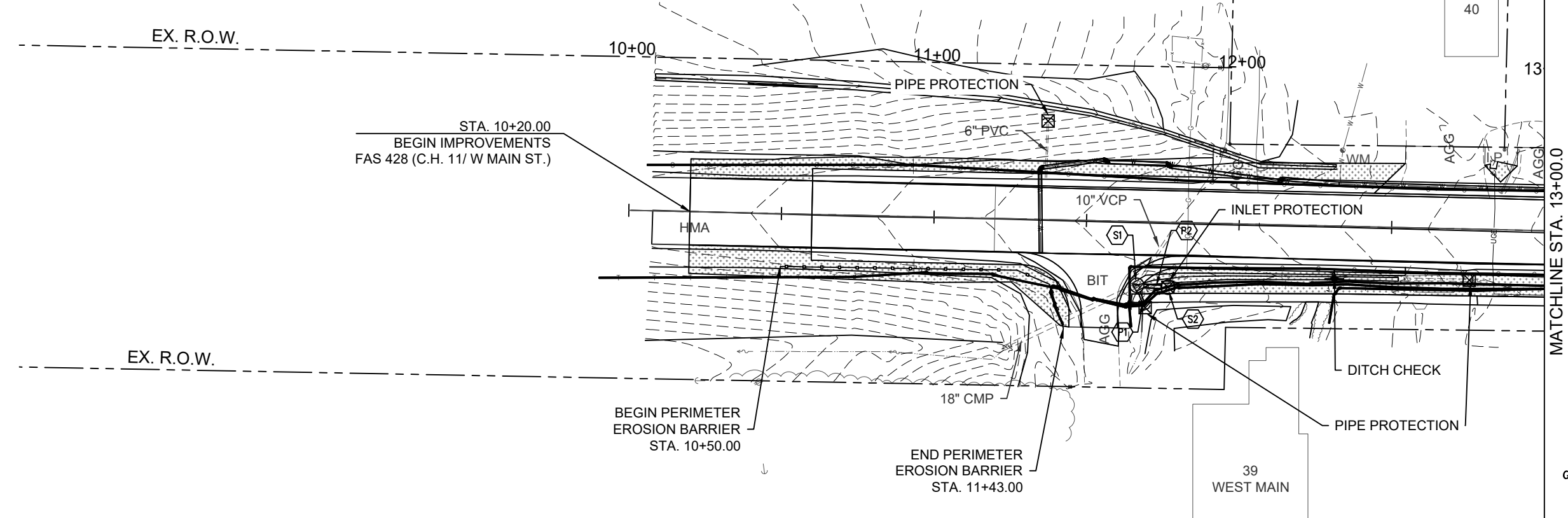
PSBA  
Poepping, Stone, Bach & Associates, Inc.  
190 S. 54th Street | Ph: 217.223.4605  
P.O. Box 709 | Toll Free: 877.423.4605  
Quincy, IL 62305 | Fax: 217.223.1546

PLAN - SIDE ROADS

HANCOCK COUNTY, C.H. 11 (BASCO)

PROJECT NUMBER R-16-011

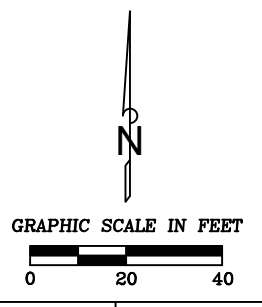
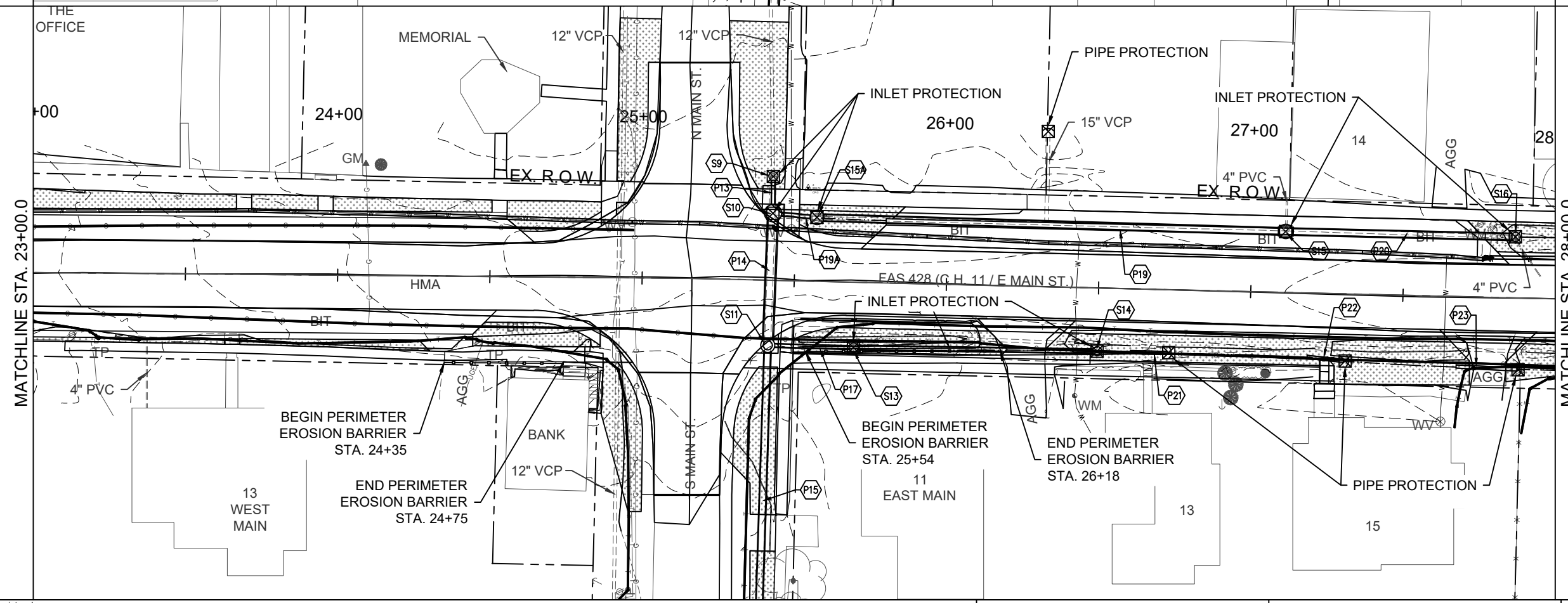
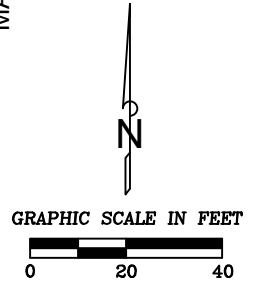
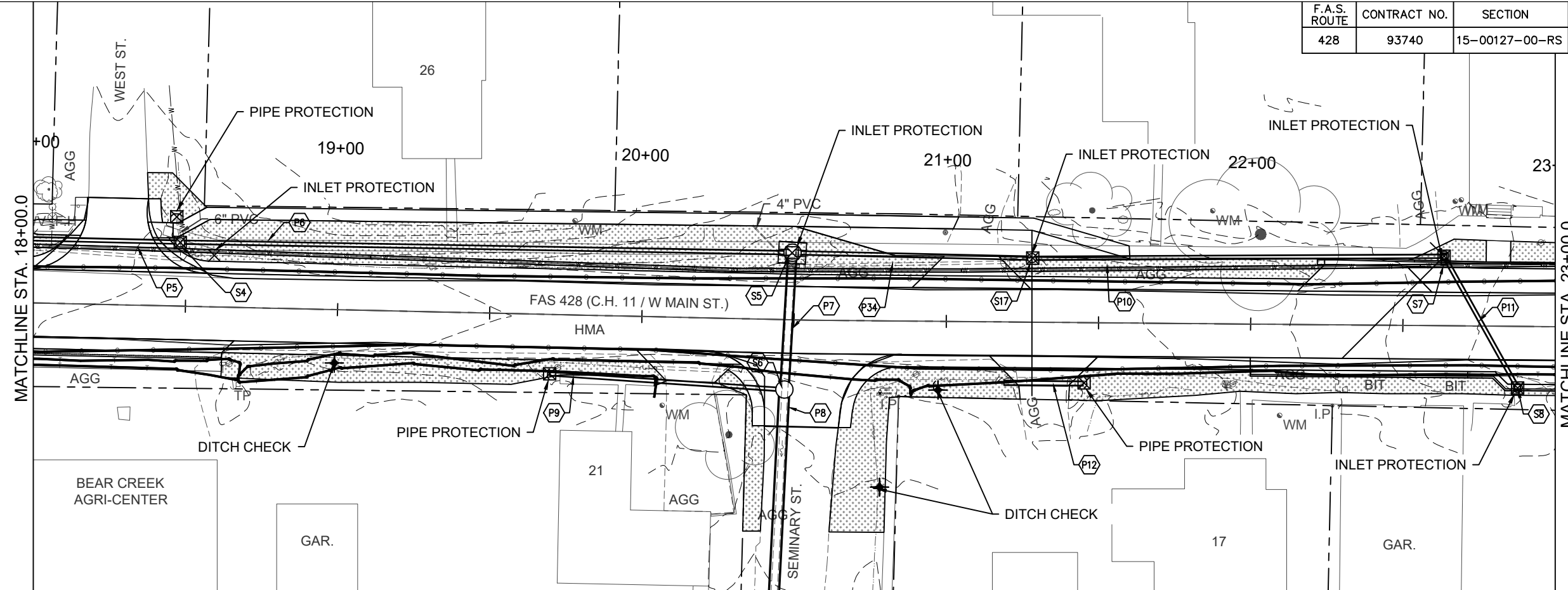
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	29



**PROPOSED SEEDING**

PSBA  
 Poepping, Stone, Bach & Associates, Inc.  
 100 S. 54th Street | P.O. Box 709  
 Quincy, IL 62305 | Phone: 217.223.4605  
 Fax: 217.223.1549

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	30



**PROPOSED SEEDING**

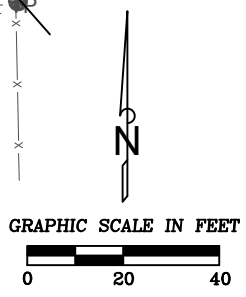
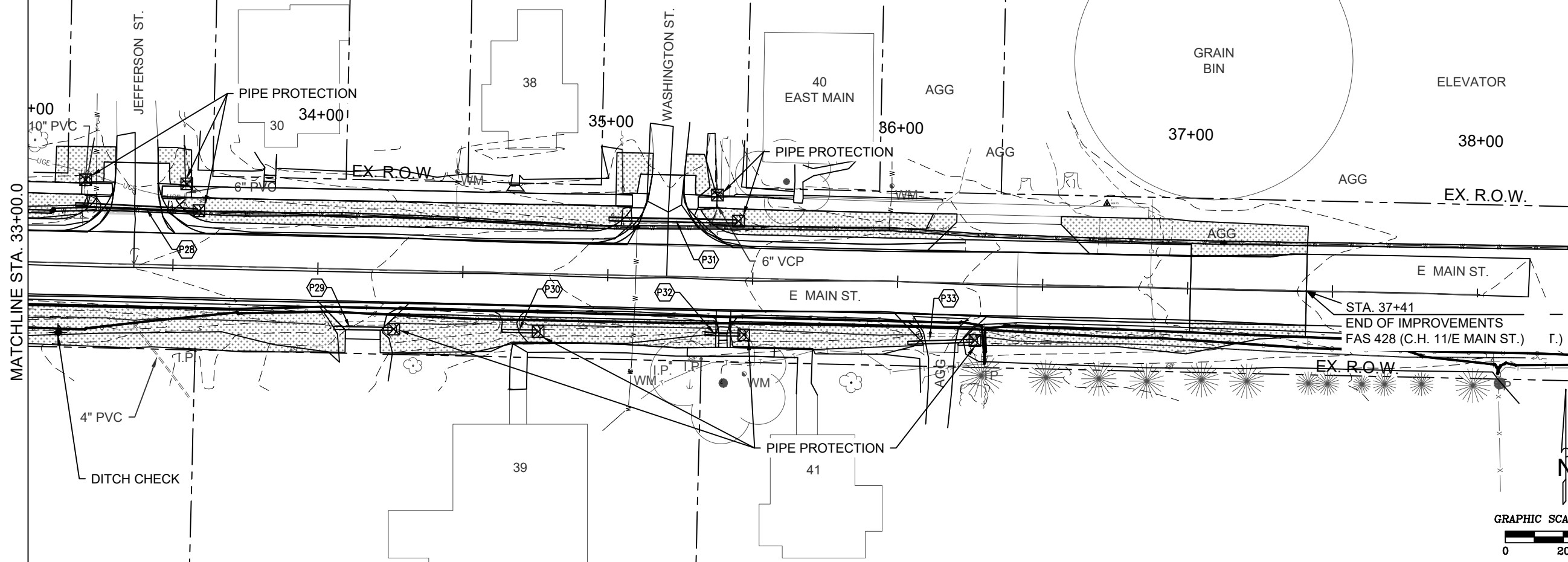
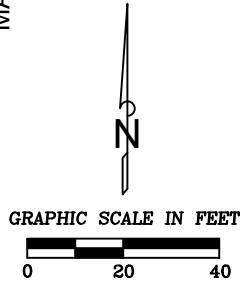
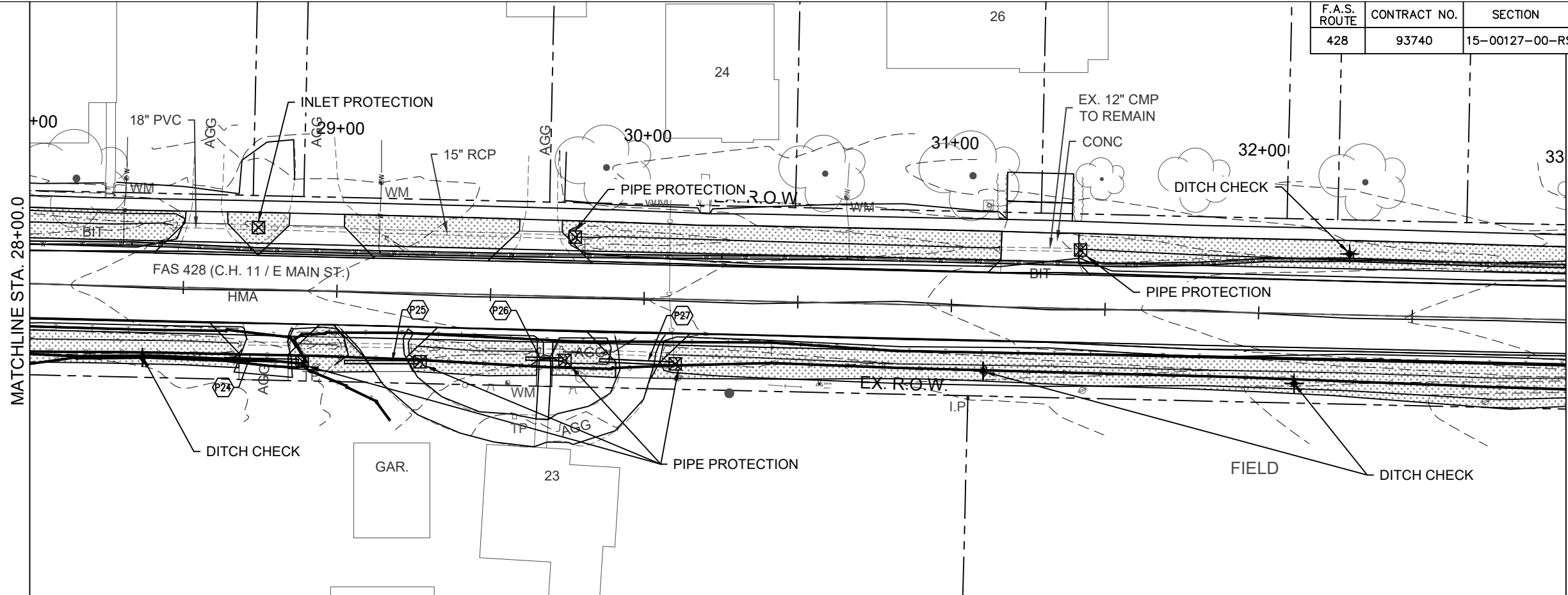
PSBA  
 Poepping, Stone, Bach & Associates, Inc.  
 100 S. 54th Street | P.O. Box 709  
 Quincy, IL 62305 | Phone: 217.223.4605  
 Fax: 217.223.1549

**EROSION CONTROL PLAN**

**HANCOCK COUNTY, C.H. 11 (BASCO)**

PROJECT NUMBER: R-16-011

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	31



**PROPOSED SEEDING**

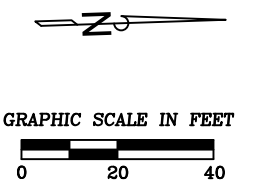
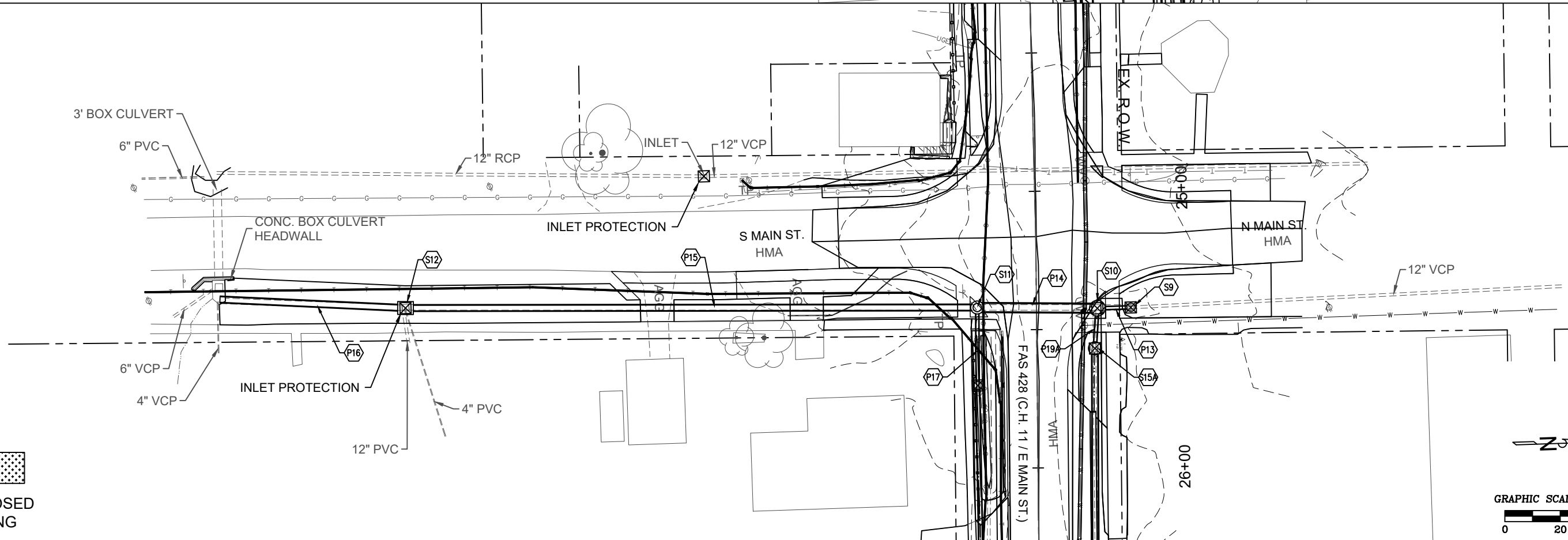
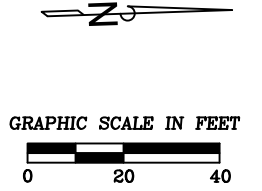
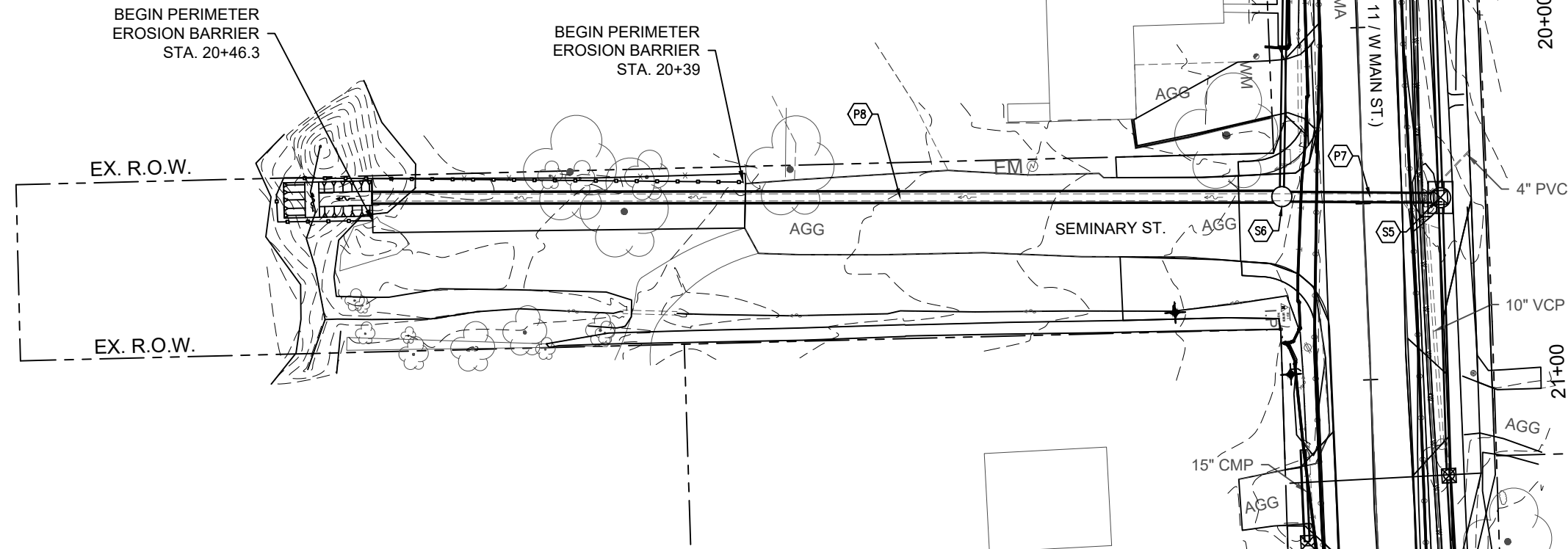
PSBA  
 Poeping, Stone, Bach & Associates, Inc.  
 100 S. 54th Street | P.O. Box 709  
 Quincy, IL 62305 | Phone: 217.223.4605  
 Fax: 217.223.1549

**EROSION CONTROL PLAN**

**HANCOCK COUNTY, C.H. 11 (BASCO)**

PROJECT NUMBER: R-16-011

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	32



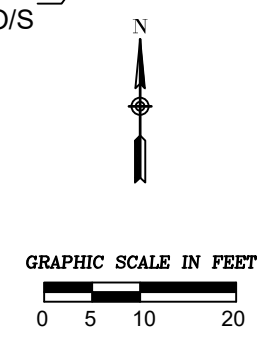
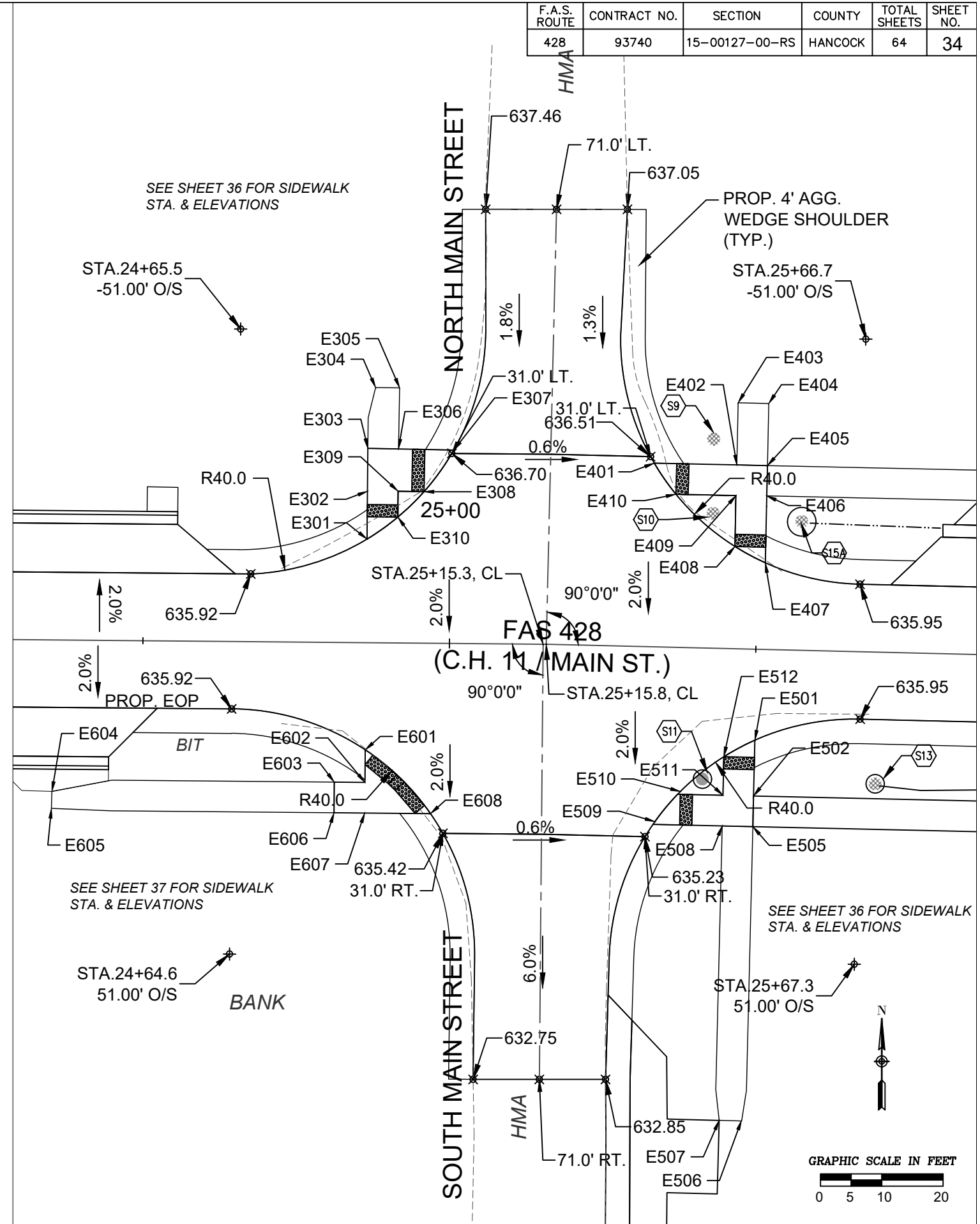
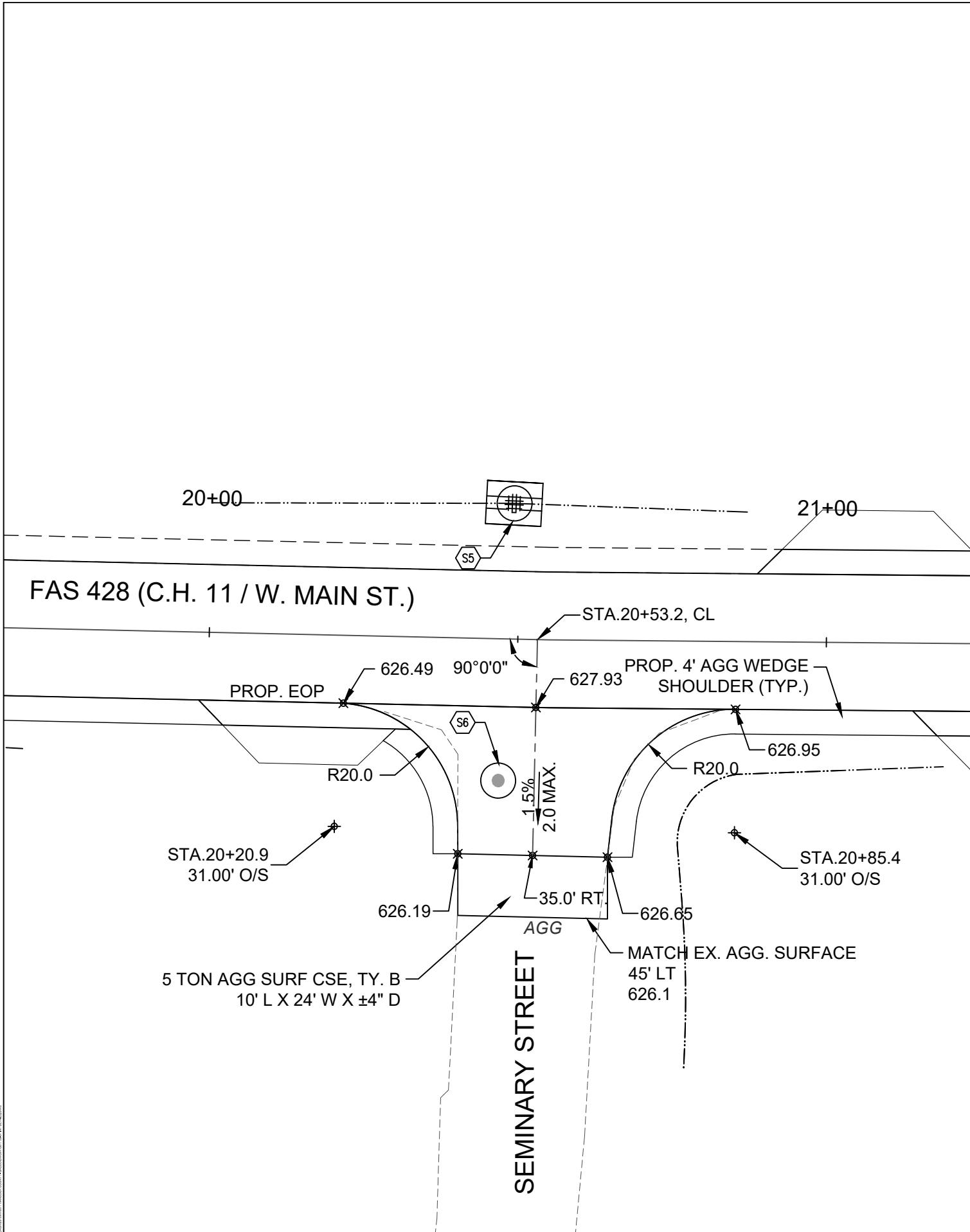
**PROPOSED SEEDING**

PSBA  
 Poeping, Stone, Bach & Associates, Inc.  
 100 S. 54th Street P.O. Box 709 Quincy, IL 62305  
 Ph: 217.223.4605 Toll Free: 877.423.4605 Fax: 217.223.1546

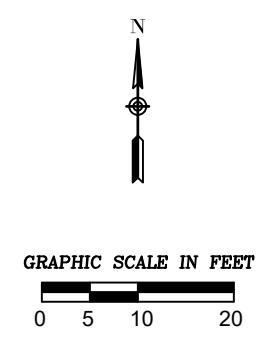
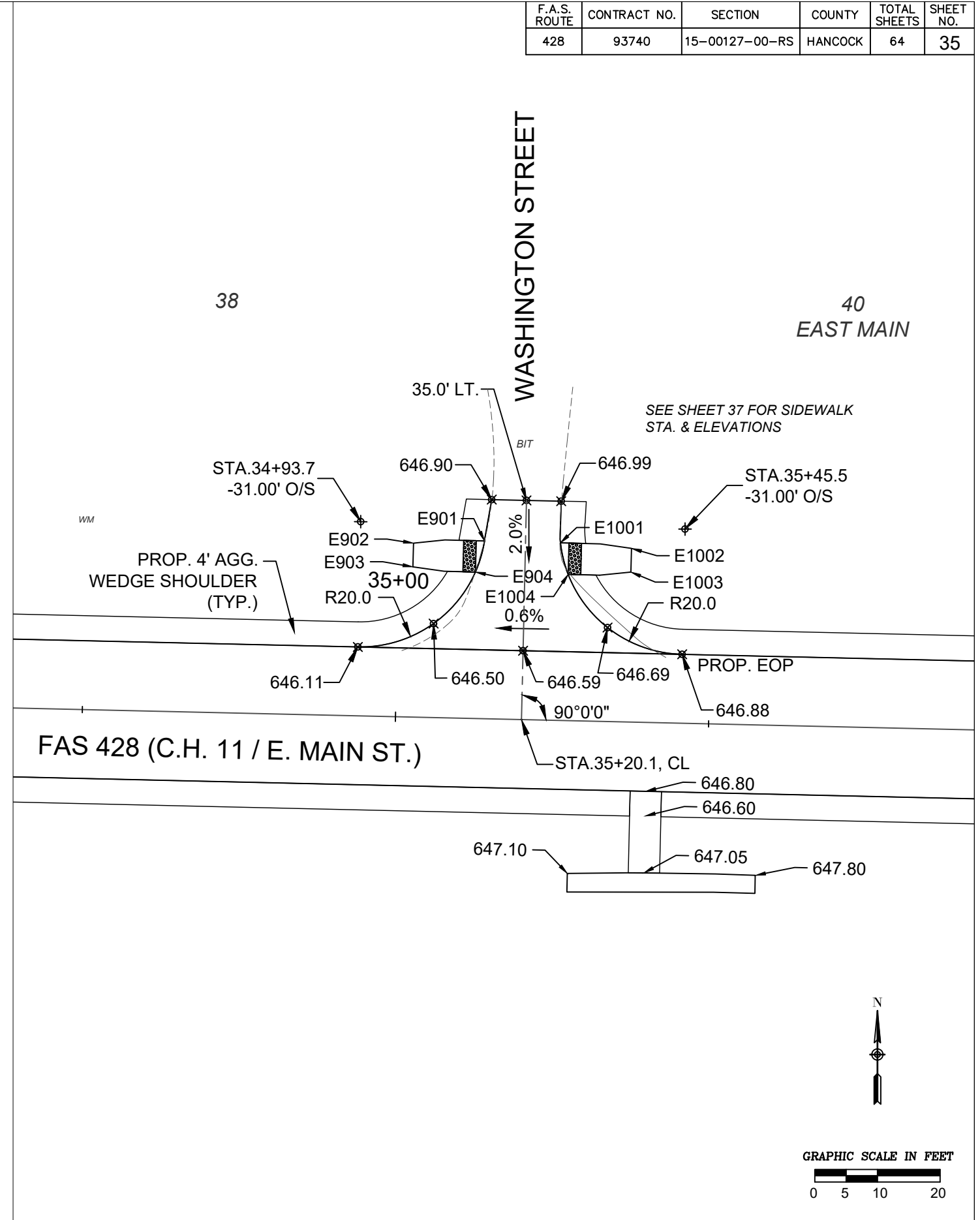
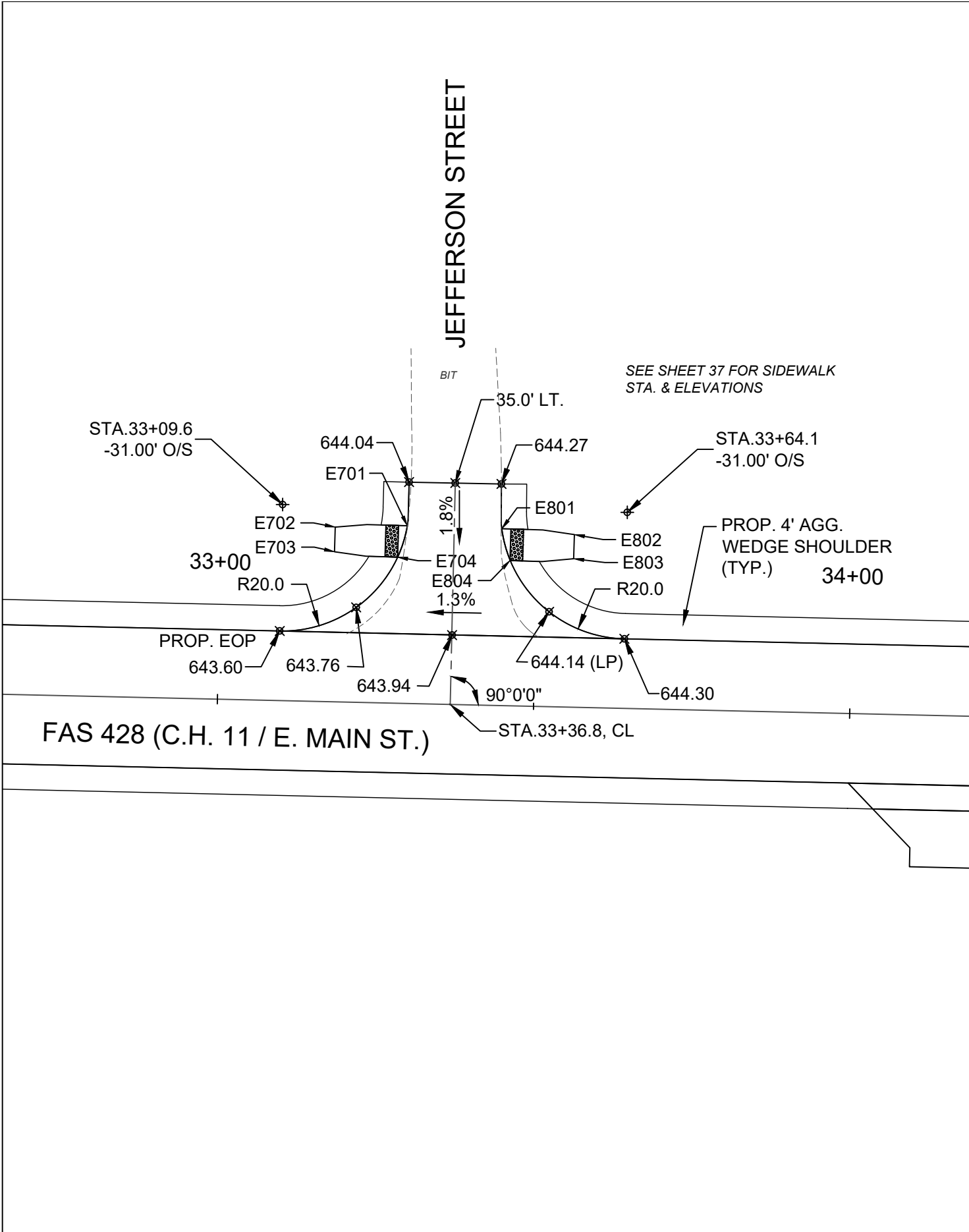




F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	34



F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	35



### SIDEWALK COMPLIANCE

\* Does not include curb

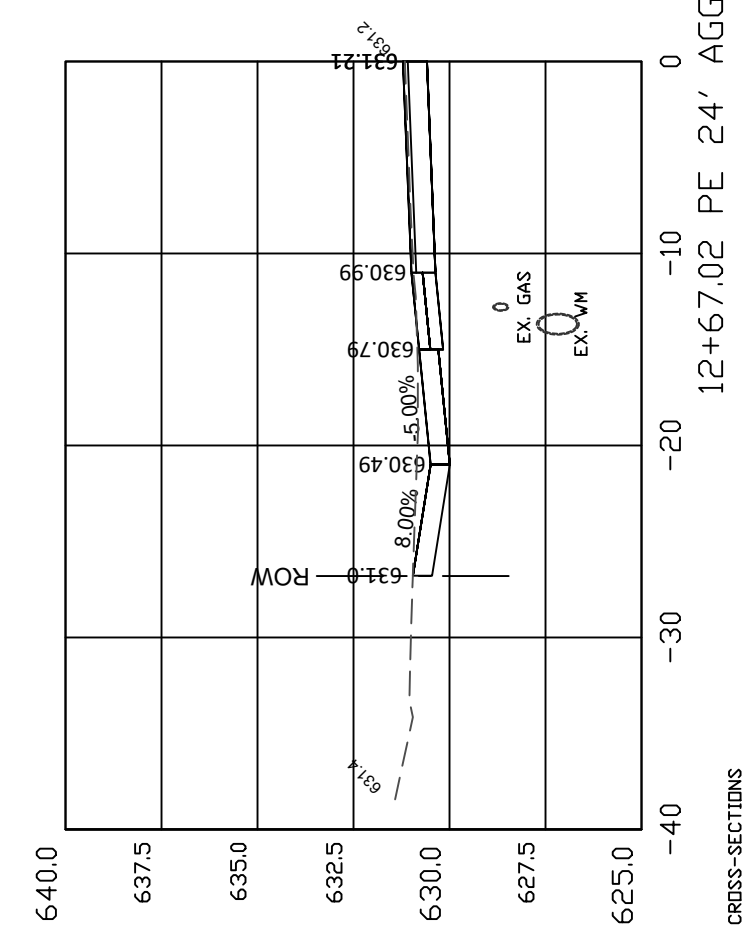
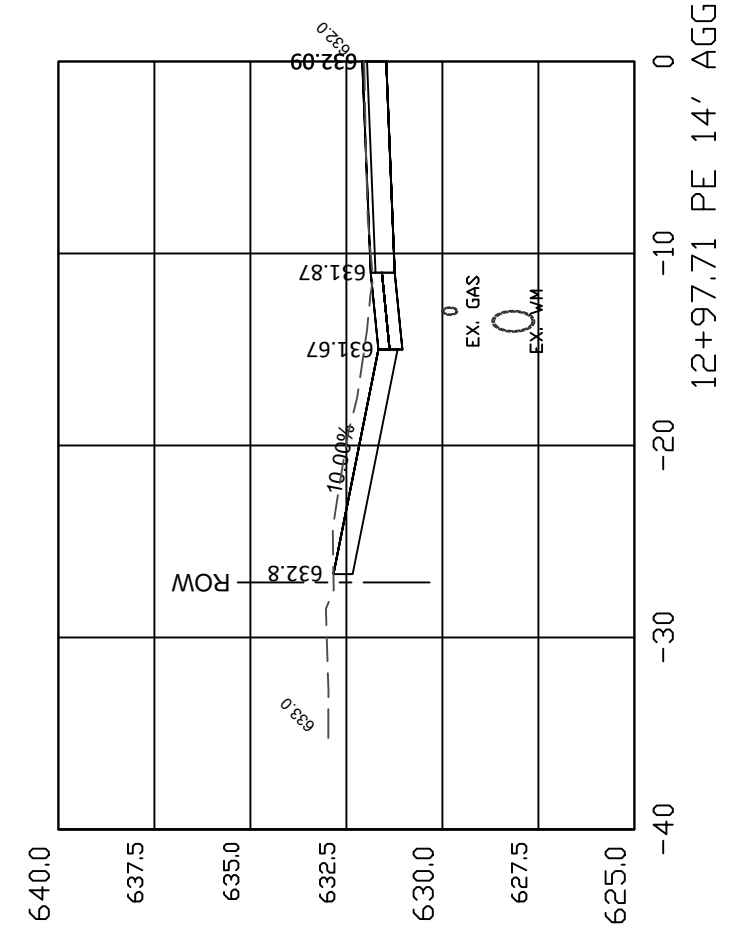
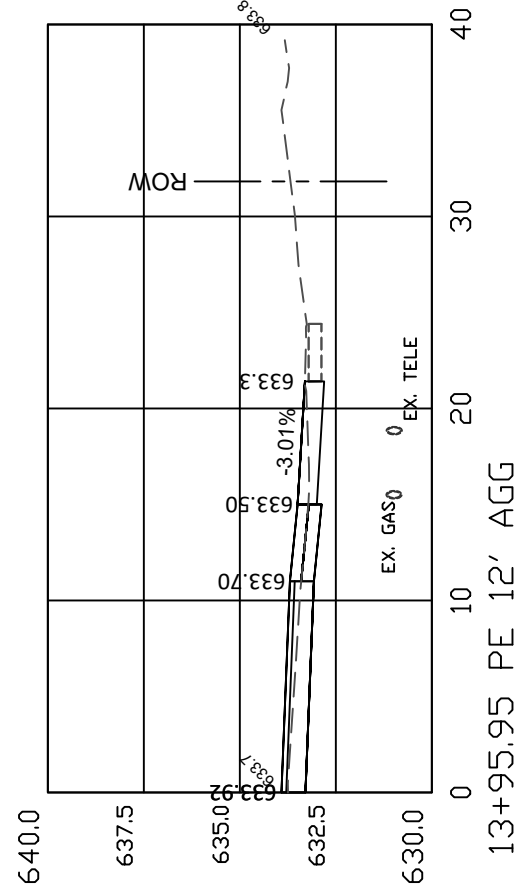
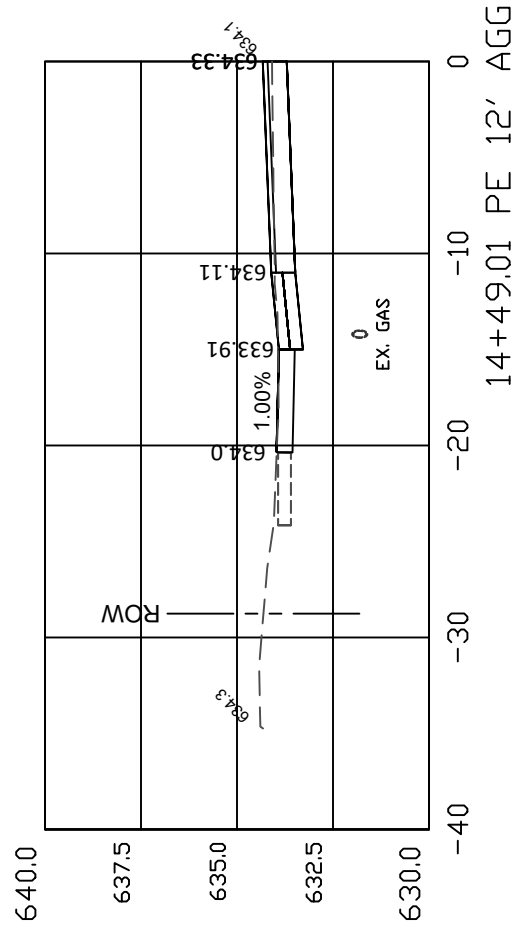
Point to Point	Sidewalk Designation	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Remarks	FOR INFORMATION ONLY VALUES USED TO DETERMINE DESIGNED SLOPES			
							Point	Station	Offset	Elevation
							FT	FT	%	Pos. or Neg.
E101	E102	RAMP RUNNING SLOPE	19.1	0.25	1.30%	0.50% TO 8.33%	E101	18+15.2	22.5 LT.	630.37
E102	E103	RAMP CROSS SLOPE	2.87	0.04	1.40%	2.00% MAX.	E102	17+96.1	23.5 LT.	630.06
E103	E104	RAMP RUNNING SLOPE	20.6	0.22	1.05%	0.50% TO 8.33%	E103	17+96.2	26.4 LT.	630.10
E104	E101	RAMP CROSS SLOPE	5.26	0.07	1.33%	2.00% MAX.	E104	18+16.8	27.5 LT.	630.44
E201	E202	RAMP RUNNING SLOPE	17.00	0.29	1.71%	0.50% TO 8.33%	E201	18+37.1	27.3 LT.	630.17
E202	E203	RAMP CROSS SLOPE	3.05	0.00	0.00%	2.00% MAX.	E202	18+47.0	27.3 LT.	629.79
E203	E204	RAMP RUNNING SLOPE	14.67	0.22	1.50%	0.50% TO 8.33%	E203	18+46.4	22.3 LT.	629.79
E204	E201	RAMP CROSS SLOPE	5.27	0.07	1.33%	2.00% MAX.	E204	18+38.7	22.3 LT.	630.10
E301	E302	RAMP RUNNING SLOPE	7.81	0.18	2.30%	0.50% TO 8.33%	E301	24+86.4	16.9 LT.	636.40
E302	E303	LANDING	7.00	0.10	1.43%	0.80% TO 2.00%	E302	24+86.4	24.7 LT.	636.60
E303	E304	SIDEWALK	10.00	0.16	1.60%	5.00% MAX.	E303	24+86.4	31.7 LT.	636.66
E304	E305	SIDEWALK CROSS SLOPE	3.93	0.03	0.78%	2.00% MAX.	E304	24+87.6	41.6 LT.	636.86
E305	E306	SIDEWALK	10.00	0.17	1.70%	5.00% MAX.	E305	24+91.5	41.6 LT.	636.83
E306	E307	RAMP RUNNING SLOPE	9.00	0.07	0.78%	0.50% TO 8.33%	E306	24+91.5	31.6 LT.	636.66
E307	E308	RAMP CROSS SLOPE	8.37	0.06	0.72%	2.00% MAX.	E307	25+00.5	31.6 LT.	636.72
E308	E309	RAMP RUNNING SLOPE	4.23	0.00	0.00%	0.50% TO 8.33%	E308	24+95.6	24.7 LT.	636.59
E309	E310	RAMP RUNNING SLOPE	4.23	0.14	3.31%	0.50% TO 8.33%	E309	24+91.5	24.8 LT.	636.55
E302	E309	LANDING	5.00	0.05	1.00%	0.80% TO 2.00%	E310	24+91.4	20.5 LT.	636.53
E306	E309	LANDING	6.90	0.11	1.50%	0.80% TO 2.00%				
E310	E301	RAMP CROSS SLOPE	6.18	0.12	1.46%	2.00% MAX.				
E401	E402	RAMP RUNNING SLOPE	13.50	0.21	1.56%	0.50% TO 8.33%	E401	25+32.7	30.0 LT.	636.49
E402	E403	SIDEWALK	10.00	0.21	2.10%	5.00% MAX.	E402	25+46.2	30.0 LT.	636.26
E403	E404	SIDEWALK CROSS SLOPE	5.00	0.05	1.00%	2.00% MAX.	E403	25+46.2	40.0 LT.	636.08
E404	E405	SIDEWALK	10.00	0.09	0.90%	5.00% MAX.	E404	25+51.2	40.0 LT.	636.13
E405	E406	LANDING	6.67	0.10	1.50%	0.80% TO 2.00%	E405	25+51.2	30.0 LT.	636.22
E406	E407	RAMP RUNNING SLOPE	9.20	0.06	0.65%	0.50% TO 8.33%	E406	25+51.2	25.0 LT.	636.12
E407	E408	RAMP CROSS SLOPE	5.60	0.07	1.25%	2.00% MAX.	E407	25+51.2	14.1 LT.	636.17
E408	E409	RAMP RUNNING SLOPE	6.67	0.06	0.90%	0.50% TO 8.33%	E408	25+46.2	16.7 LT.	636.27
E409	E410	RAMP RUNNING SLOPE	8.32	0.20	2.40%	0.50% TO 8.33%	E409	25+46.2	25.0 LT.	636.19
E402	E409	LANDING	6.67	0.10	1.50%	0.80% TO 2.00%	E410	25+36.4	25.0 LT.	636.39
E406	E409	LANDING	5.00	0.07	1.40%	0.80% TO 2.00%				
E410	E401	RAMP CROSS SLOPE	8.42	0.11	1.31%	2.00% MAX.				
E501	E502	RAMP RUNNING SLOPE	10.30	0.80	7.77%	0.50% TO 8.33%	E501	25+50.2	24.0 RT.	635.85
E502	E503	SIDEWALK	67.73	0.52	0.77%	5.00% MAX.	E502	25+50.2	23.5 RT.	633.76
E503	E504	SIDEWALK CROSS SLOPE	5.61	0.07	1.25%	2.00% MAX.	E503	27+28.0	23.7 RT.	636.10
E504	E505	SIDEWALK	70.50	0.53	0.75%	5.00% MAX.	E504	27+28.1	28.7 RT.	637.14
E505	E506	SIDEWALK	48.50	2.32	4.78%	5.00% MAX.	E505	25+50.2	29.0 RT.	633.49
E506	E507	SIDEWALK CROSS SLOPE	3.67	0.00	0.00%	2.00% MAX.	E506	25+49.5	77.0 RT.	632.00
E507	E508	SIDEWALK	48.50	2.40	4.95%	5.00% MAX.	E507	25+45.8	77.0 RT.	632.00
E508	E509	RAMP RUNNING SLOPE	13.20	0.82	6.21%	0.50% TO 8.33%	E508	25+45.2	29.0 RT.	633.41
E509	E510	RAMP CROSS SLOPE	6.12	0.02	0.33%	2.00% MAX.	E509	25+34.2	28.5 RT.	635.60
E510	E511	RAMP RUNNING SLOPE	9.70	0.72	7.42%	0.50% TO 8.33%	E510	25+38.2	23.5 RT.	635.70
E511	E512	RAMP RUNNING SLOPE	8.00	0.62	7.75%	0.50% TO 8.33%	E511	25+45.2	24.0 RT.	633.69
E502	E511	LANDING	5.00	0.08	1.60%	0.80% TO 2.00%	E512	25+45.2	17.7 RT.	635.75
E508	E511	LANDING	5.00	0.08	1.60%	0.80% TO 2.00%				
E512	E501	RAMP CROSS SLOPE	5.51	0.10	1.81%	2.00% MAX.				
E508	E505	LANDING	5.00	0.08	1.60%	0.80% TO 2.00%				
E502	E505	LANDING	5.00	0.08	1.60%	0.80% TO 2.00%				

### SIDEWALK COMPLIANCE

\* Does not include curb

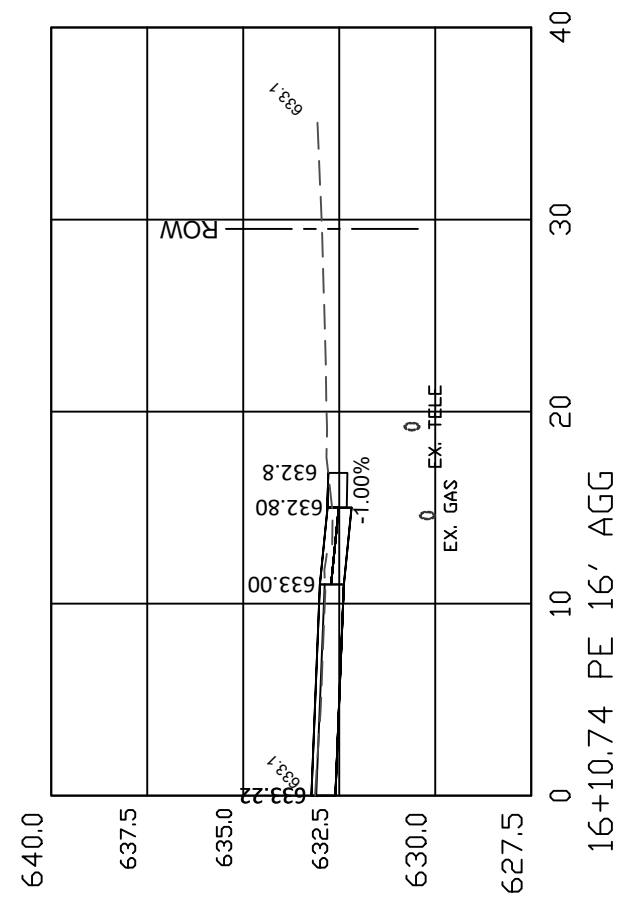
Point to Point	Sidewalk Designation	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Remarks	FOR INFORMATION ONLY VALUES USED TO DETERMINE DESIGNED SLOPES			
							Point	Station	Offset	Elevation
							FT	FT	%	Pos. or Neg.
E601	E602	RAMP RUNNING SLOPE	5.31	0.10	1.88%	0.50% TO 8.33%	E601	24+86.4	17.5 RT.	635.72
E602	E603	LANDING	5.00	0.07	1.40%	0.80% TO 2.00%	E602	24+86.4	22.8 RT.	635.62
E603	E604	SIDEWALK	46.10	0.42	0.91%	5.00% MAX.	E603	24+81.4	22.8 RT.	635.55
E604	E605	SIDEWALK CROSS SLOPE	2.77	0.04	1.44%	2.00% MAX.	E604	24+35.4	24.7 RT.	635.13
E605	E606	SIDEWALK	46.10	0.38	0.82%	5.00% MAX.	E605	24+35.4	27.5 RT.	635.09
E606	E607	LANDING	5.00	0.09	1.80%	0.80% TO 2.00%	E606	24+81.4	27.8 RT.	635.47
E607	E608	RAMP RUNNING SLOPE	10.67	0.08	0.75%	0.50% TO 8.33%	E607	24+86.5	27.8 RT.	635.58
E607	E601	RAMP CROSS SLOPE	10.31	0.14	1.36%	2.00% MAX.	E608	24+97.2	27.8 RT.	635.50
E608	E601	RAMP CROSS SLOPE	14.88	0.22	1.48%	2.00% MAX.				
E701	E702	RAMP RUNNING SLOPE	11.40	0.48	4.20%	0.50% TO 8.33%	E701	33+29.4	28.1 LT.	643.95
E702	E703	RAMP CROSS SLOPE	3.90	0.12	3.08%	2.00% MAX.	E702	33+18.0	27.6 LT.	643.47
E703	E704	RAMP RUNNING SLOPE	10.00	0.54	5.40%	0.50% TO 8.33%	E703	33+18.0	23.7 LT.	643.35
E704	E701	RAMP CROSS SLOPE	5.20	0.06	1.15%	2.00% MAX.	E704	33+28.0	23.1 LT.	643.89
E801	E802	RAMP RUNNING SLOPE	11.50	0.23	2.00%	0.50% TO 8.33%	E801	33+44.4	28.0 LT.	644.23
E802	E803	RAMP CROSS SLOPE	3.81	0.08	2.10%	2.00% MAX.	E802	33+55.9	27.3 LT.	644.00
E803	E804	RAMP RUNNING SLOPE	10.00	0.28	2.80%	0.50% TO 8.33%	E803	33+55.9	23.5 LT.	643.92
E804	E801	RAMP CROSS SLOPE	5.20	0.03	0.60%	2.00% MAX.	E804	33+45.8	23.0 LT.	644.20
E901	E902	RAMP RUNNING SLOPE	11.34	0.45	4.00%	0.50% TO 8.33%	E901	35+13.6	28.4 LT.	646.75
E902	E903	RAMP CROSS SLOPE	3.80	0.14	3.70%	2.00% MAX.	E902	35+02.3	27.8 LT.	646.30
E903	E904	RAMP RUNNING SLOPE	10.00	0.48	4.80%	0.50% TO 8.33%	E903	35+02.3	23.9 LT.	646.16
E904	E901	RAMP CROSS SLOPE	5.20	0.11	2.12%	2.00% MAX.	E904	35+12.2	23.4 LT.	646.64
E1001	E1002	RAMP RUNNING SLOPE	11.37	0.50	4.40%	0.50% TO 8.33%	E1001	35+25.7	28.3 LT.	646.94
E1002	E1003	RAMP CROSS SLOPE	3.78	0.14	3.70%	2.00% MAX.	E1002	35+37.1	27.7 LT.	646.44
E1003	E1004	RAMP RUNNING SLOPE	10.00	0.60	6.00%	0.50% TO 8.33%	E1003	35+37.1	23.9 LT.	646.30
E1004	E1001	RAMP CROSS SLOPE	5.20	0.04	0.80%	2.00% MAX.	E1004	35+27.1	23.3 LT.	646.90

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	38

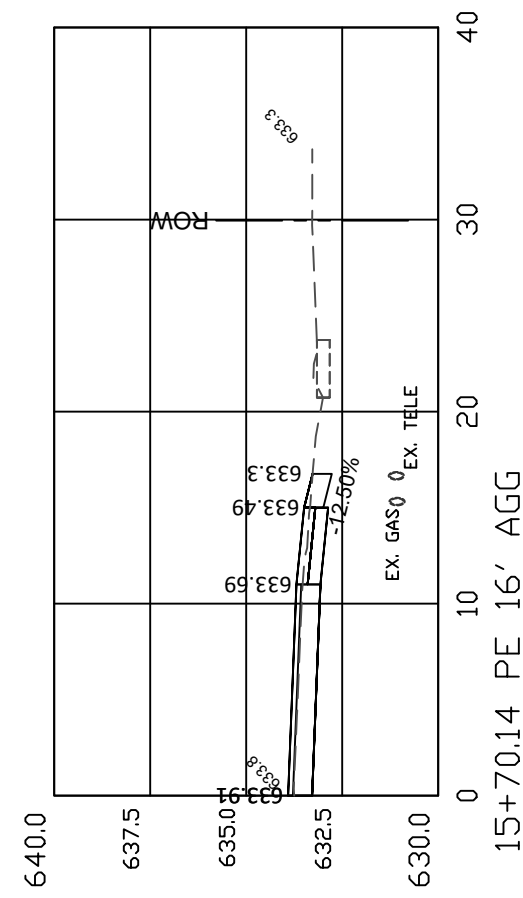


CH 11 CROSS-SECTIONS

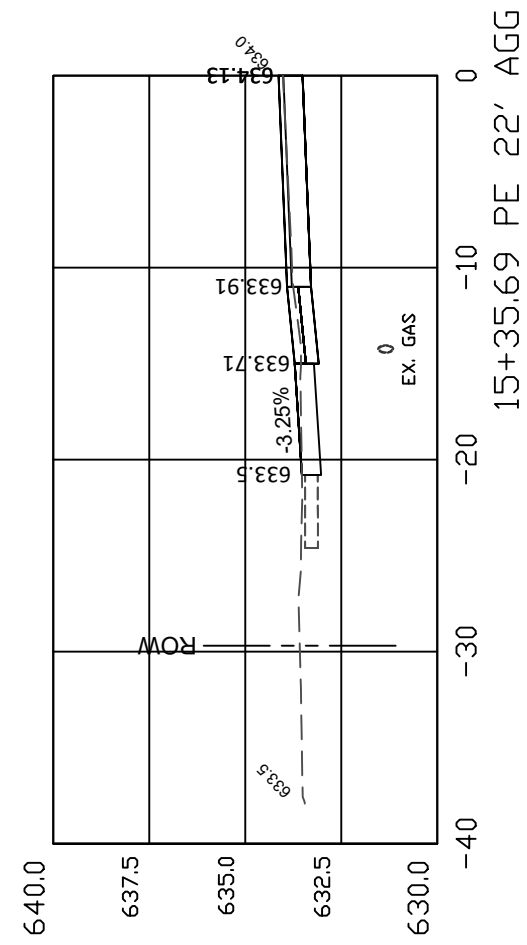
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428	93740	15-00127-00-RS	HANCOCK	64	39



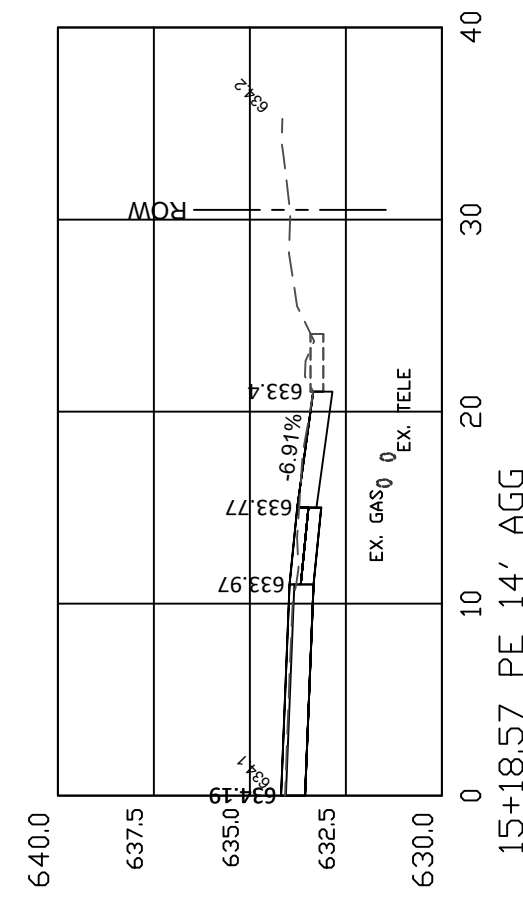
16+10.74 PE 16' AGG



15+70.14 PE 16' AGG



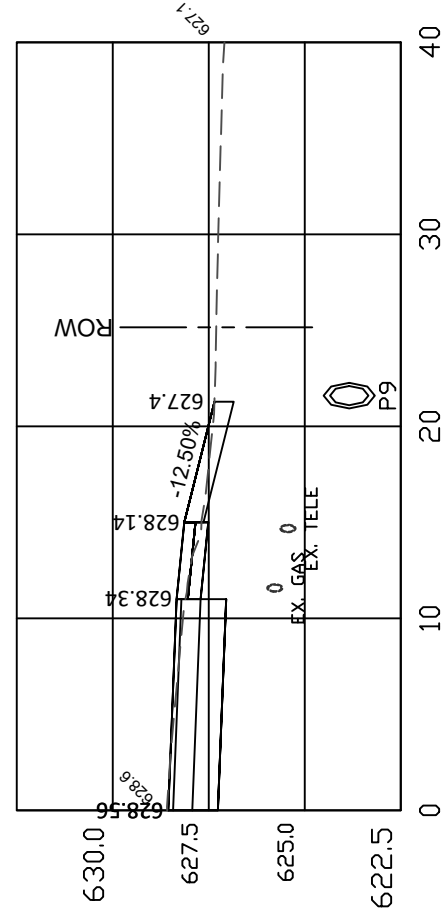
15+35.69 PE 22' AGG



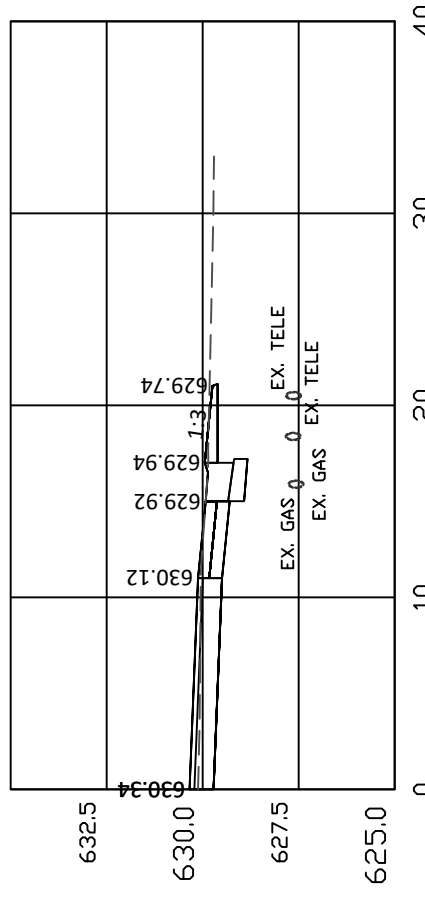
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CH 11 CROSS-SECTIONS

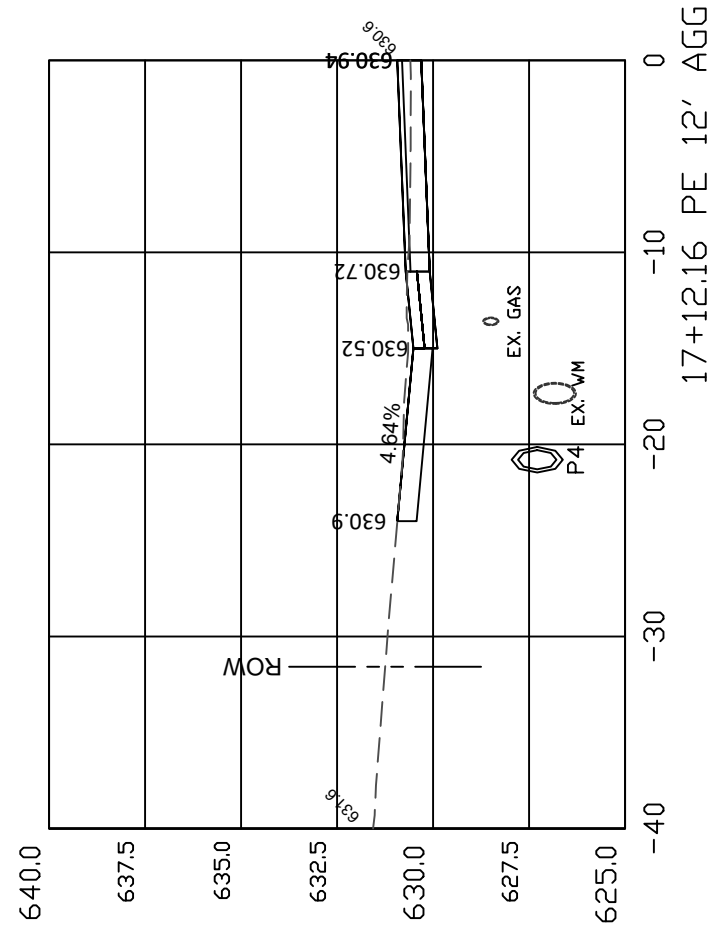
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428	93740	15-00127-00-RS	HANCOCK	64	40



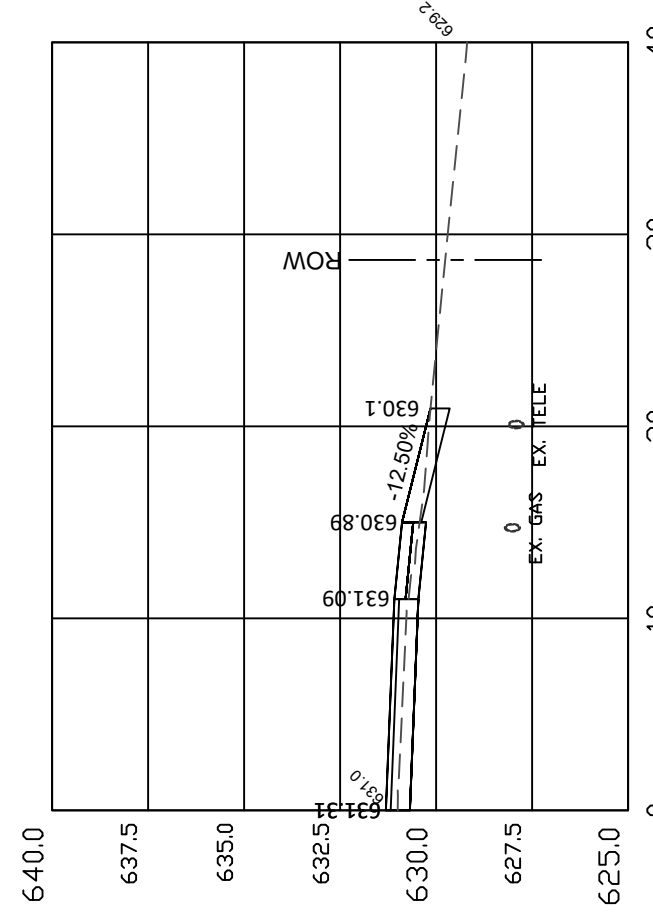
20+16.50 PE 16' AGG



17+91.35 CE 130' AGG



17+12.16 PE 12' AGG

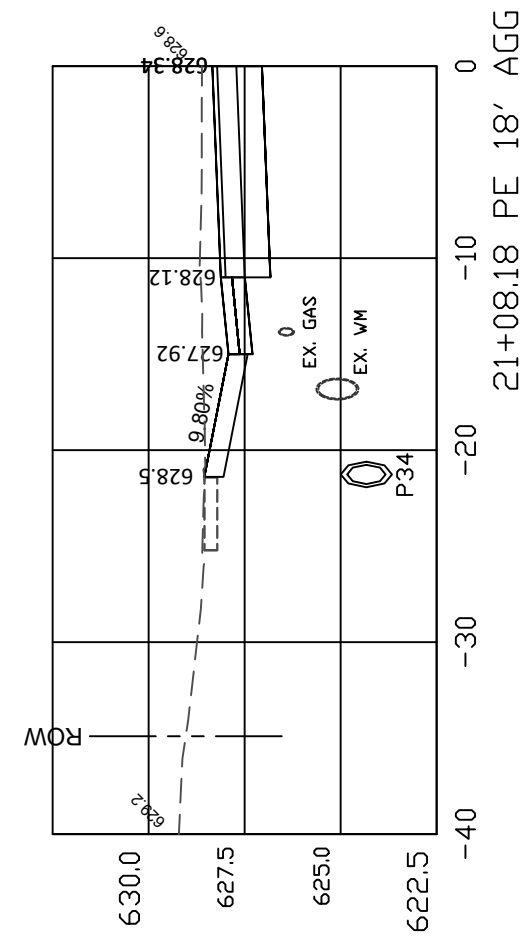
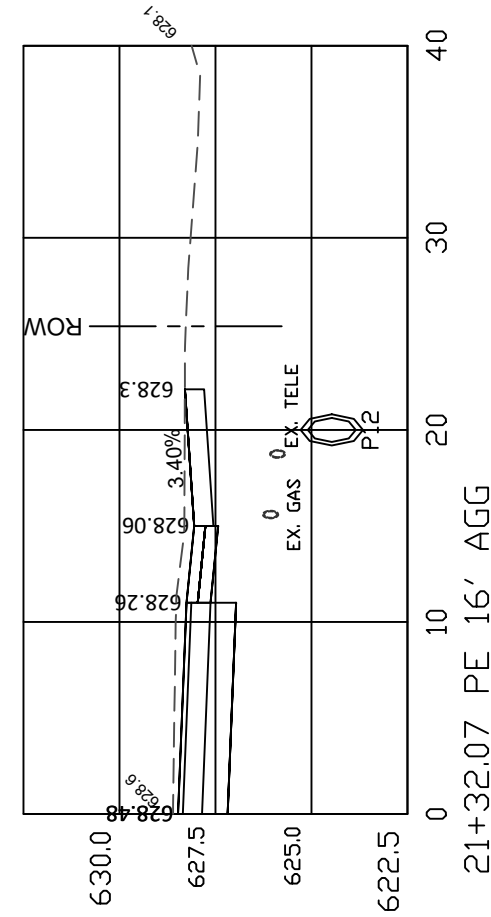
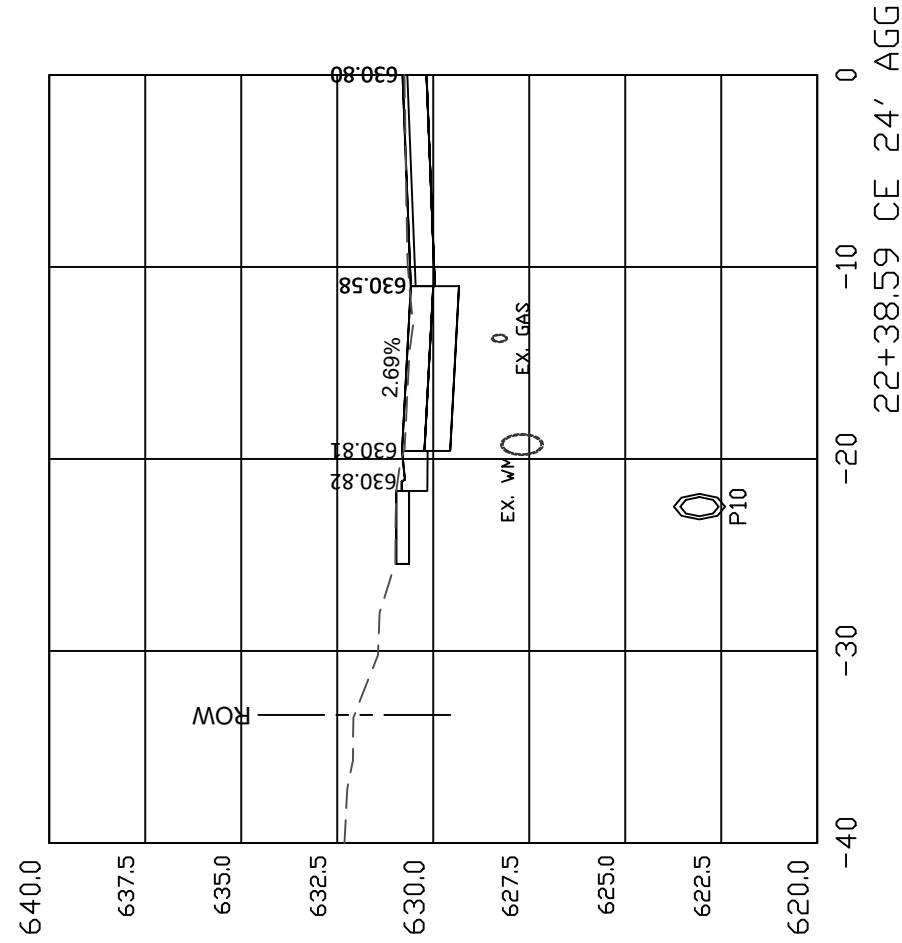
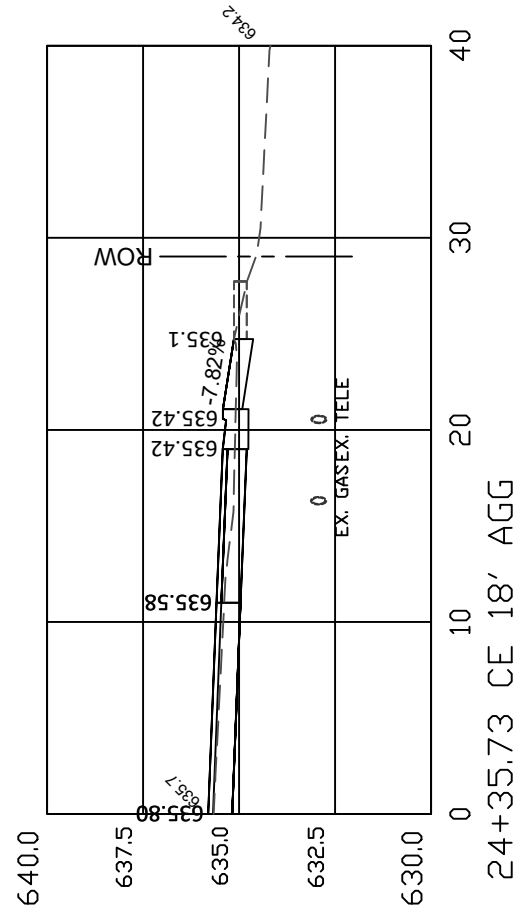


16+89.72 PE 24' AGG

CH 11 CROSS-SECTIONS

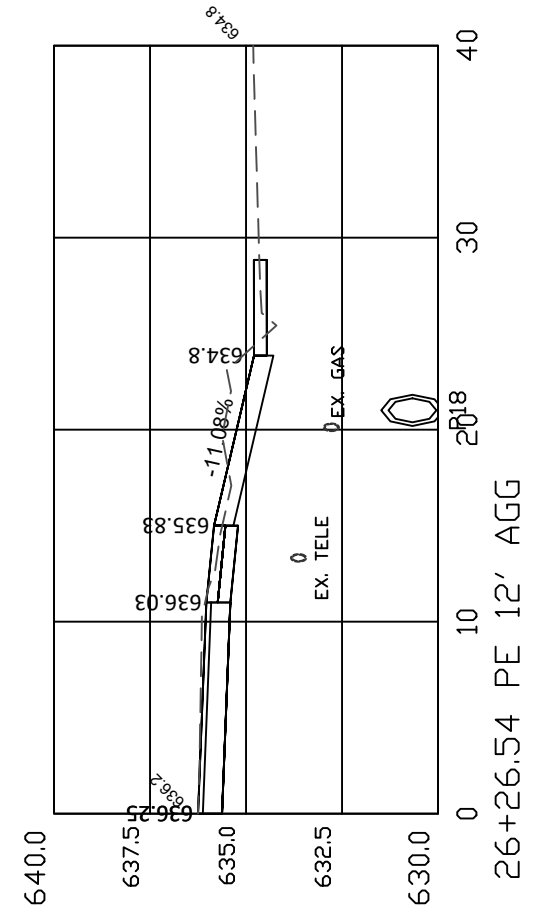
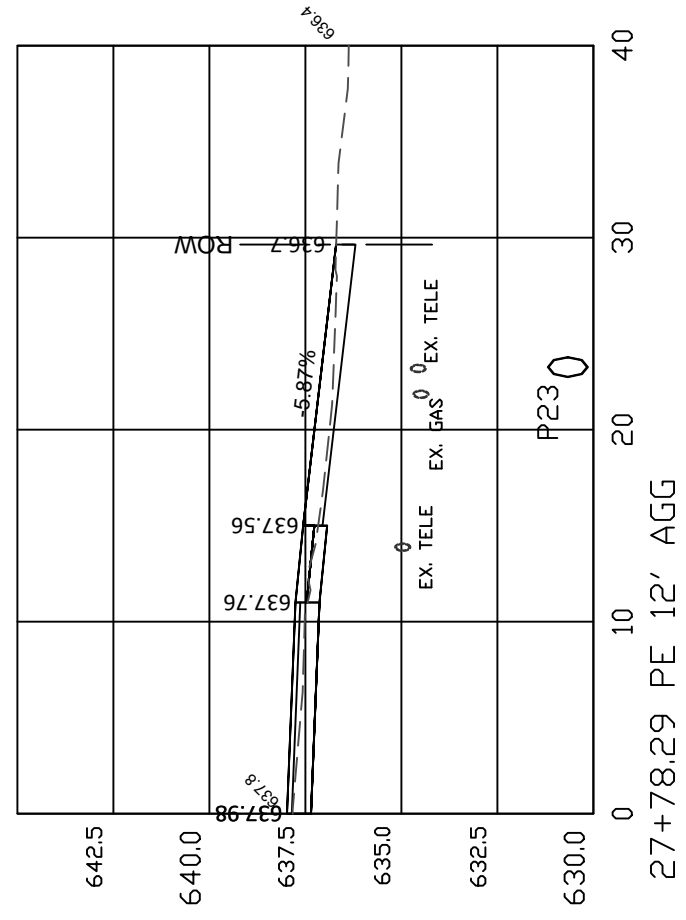
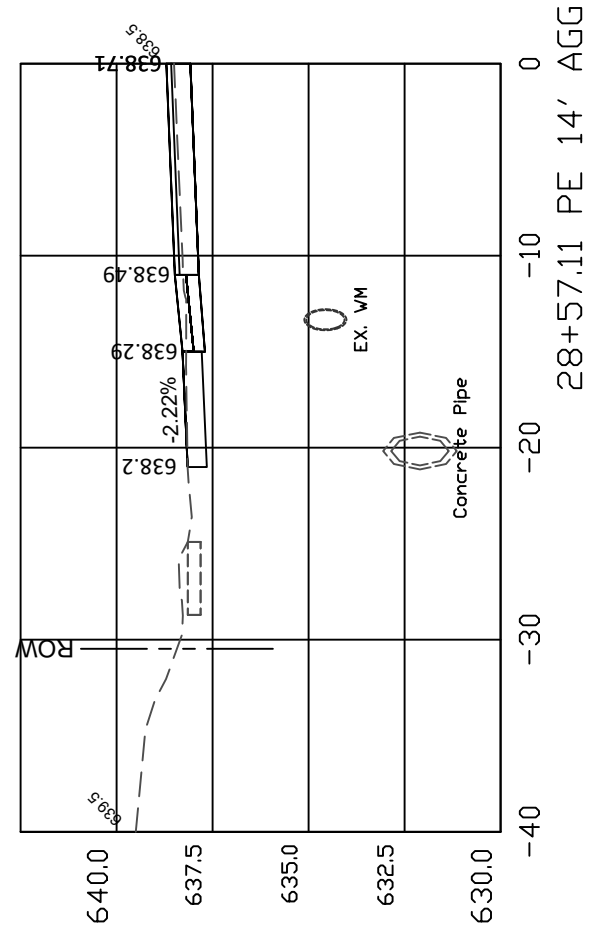
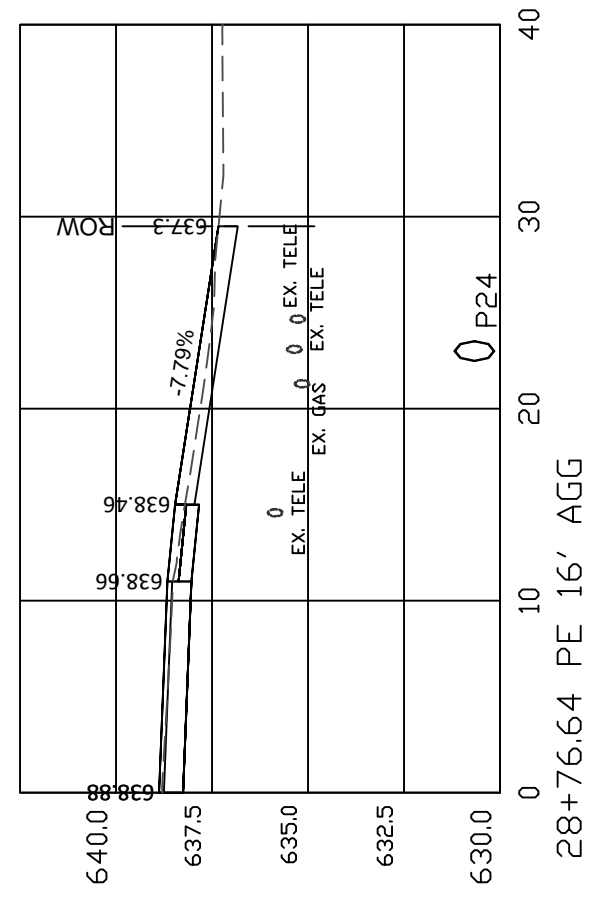


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	41

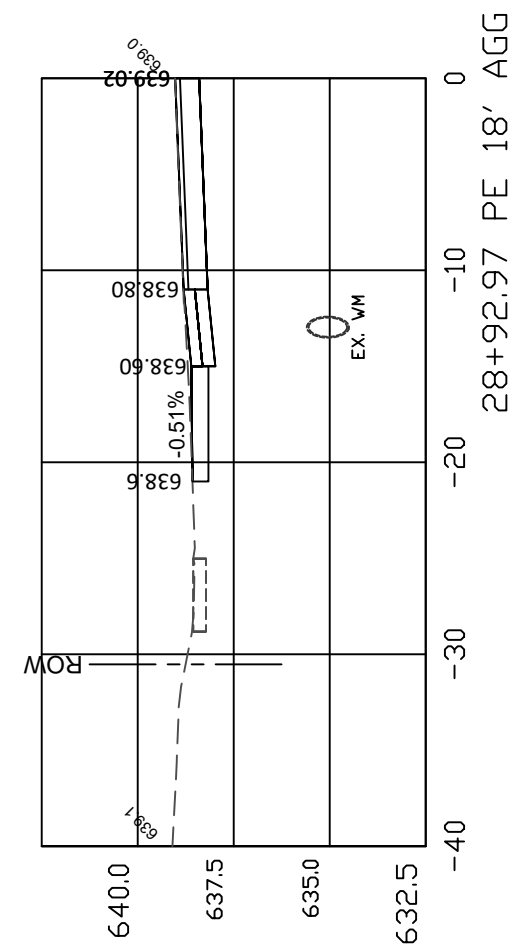
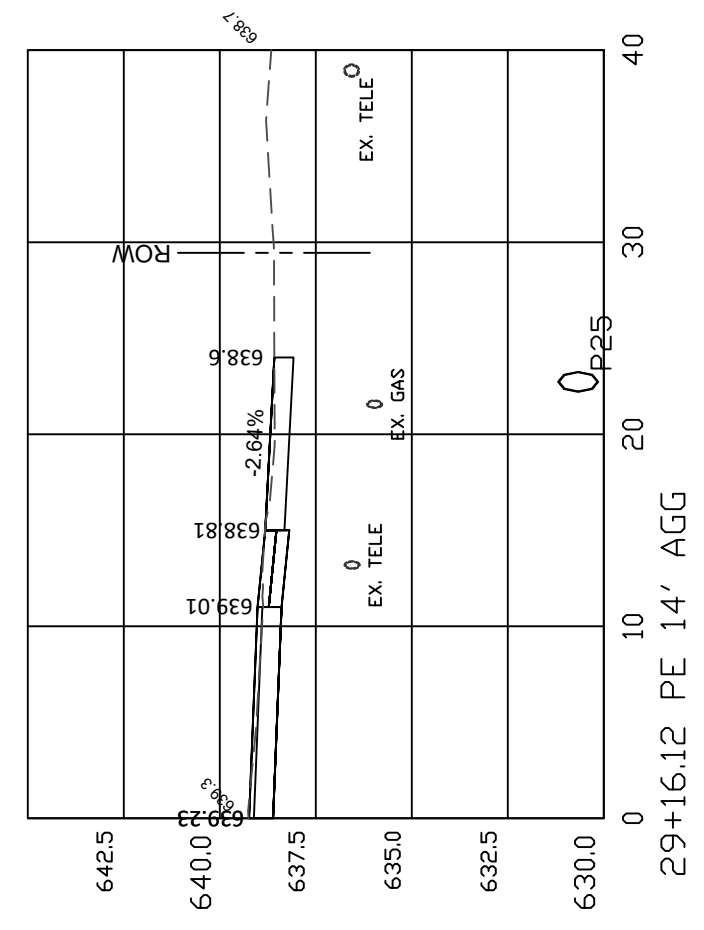
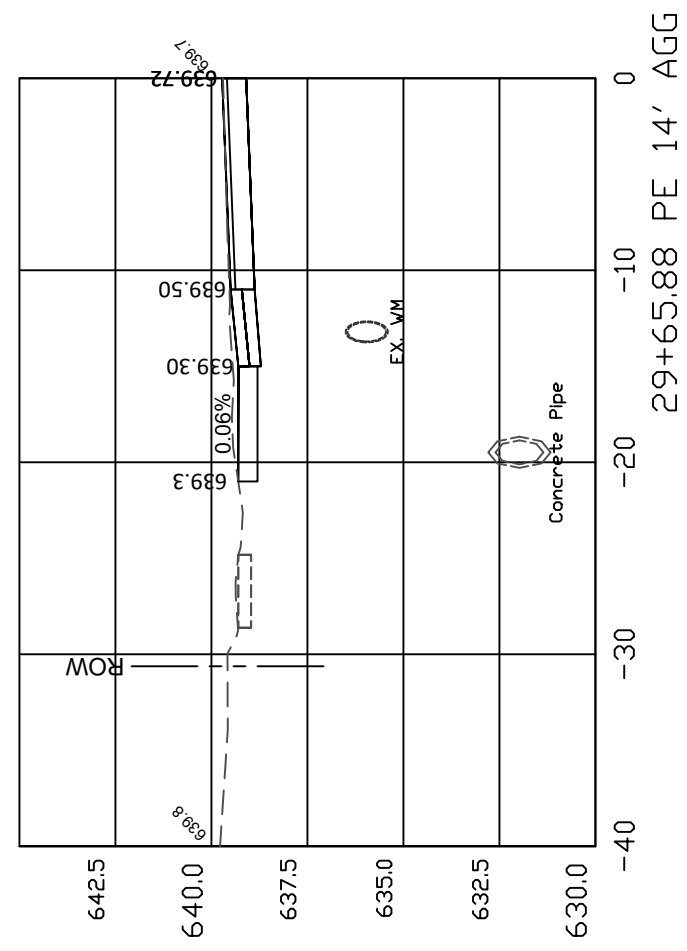
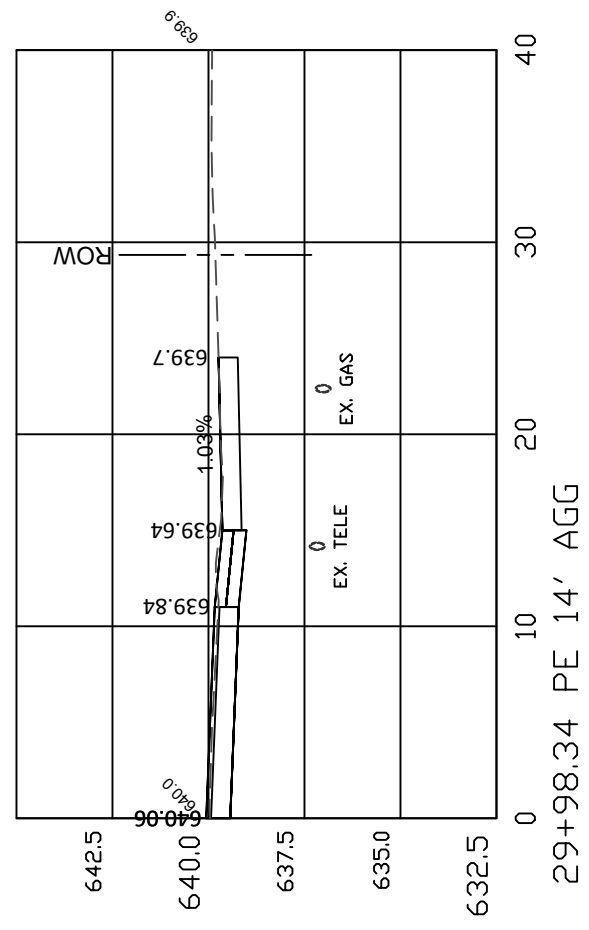


CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	42

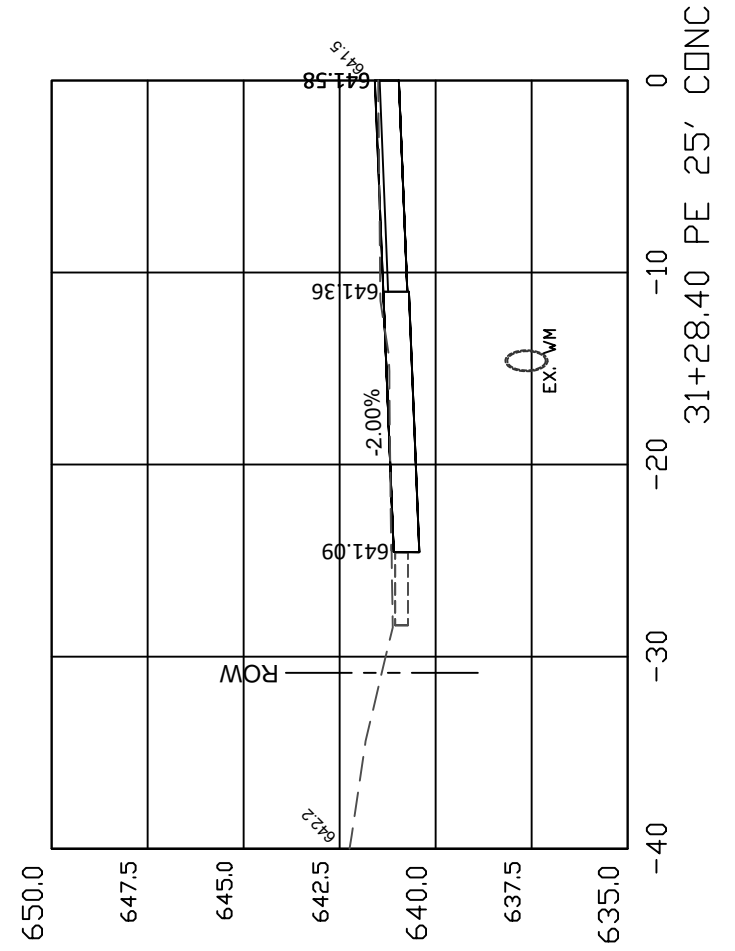
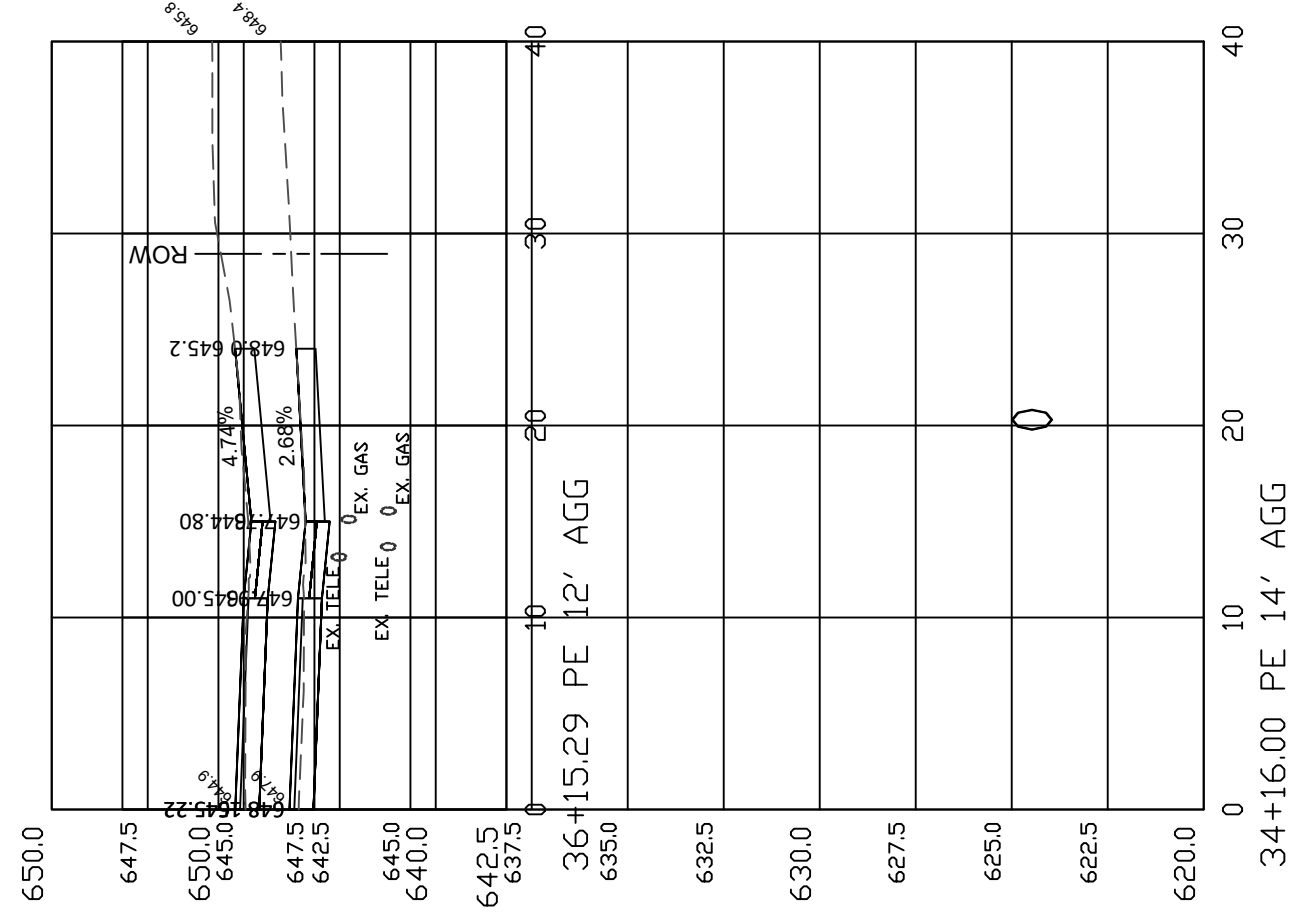
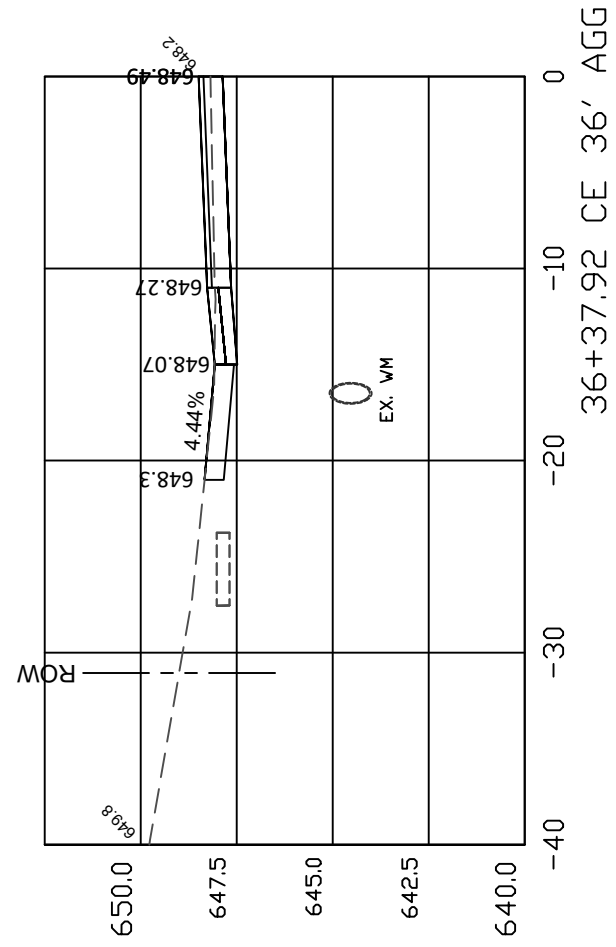


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	43



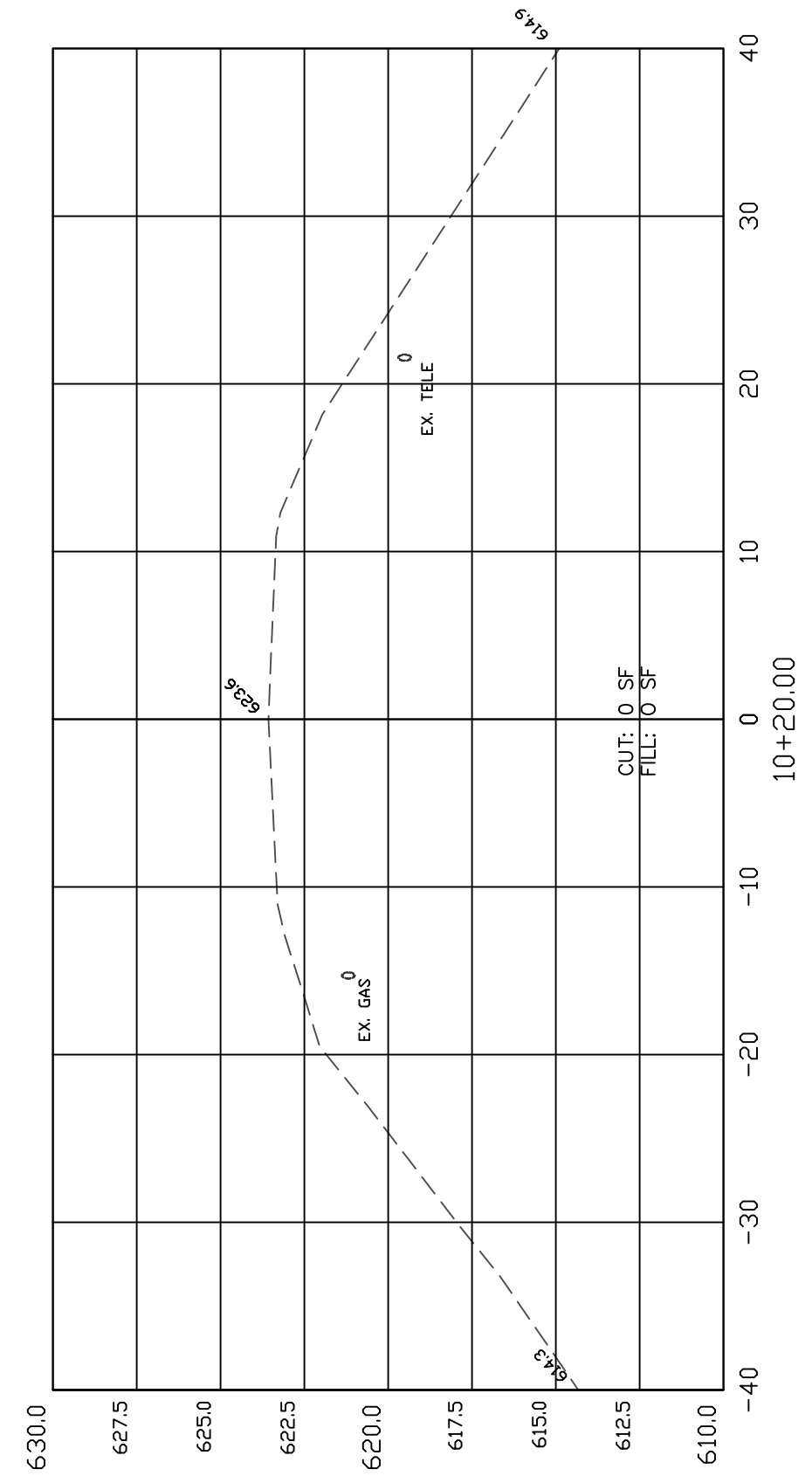
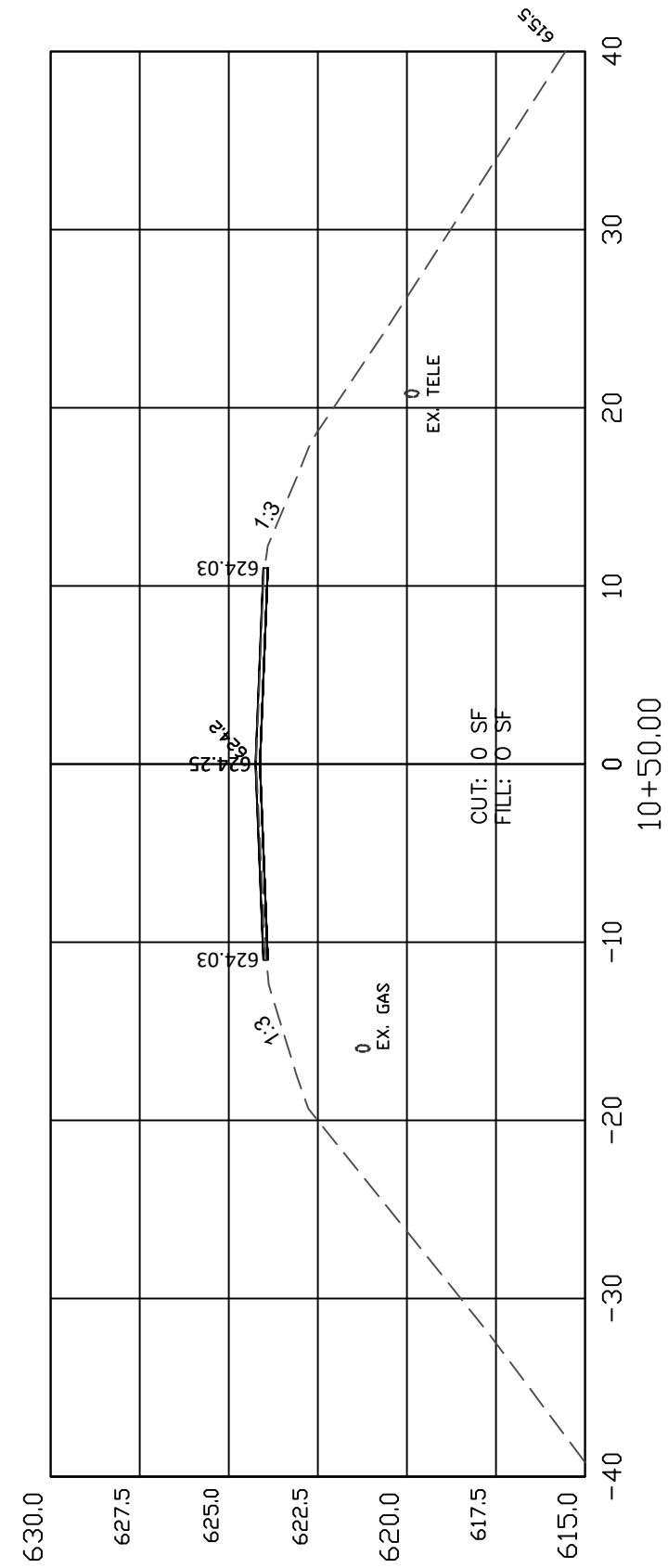
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	44



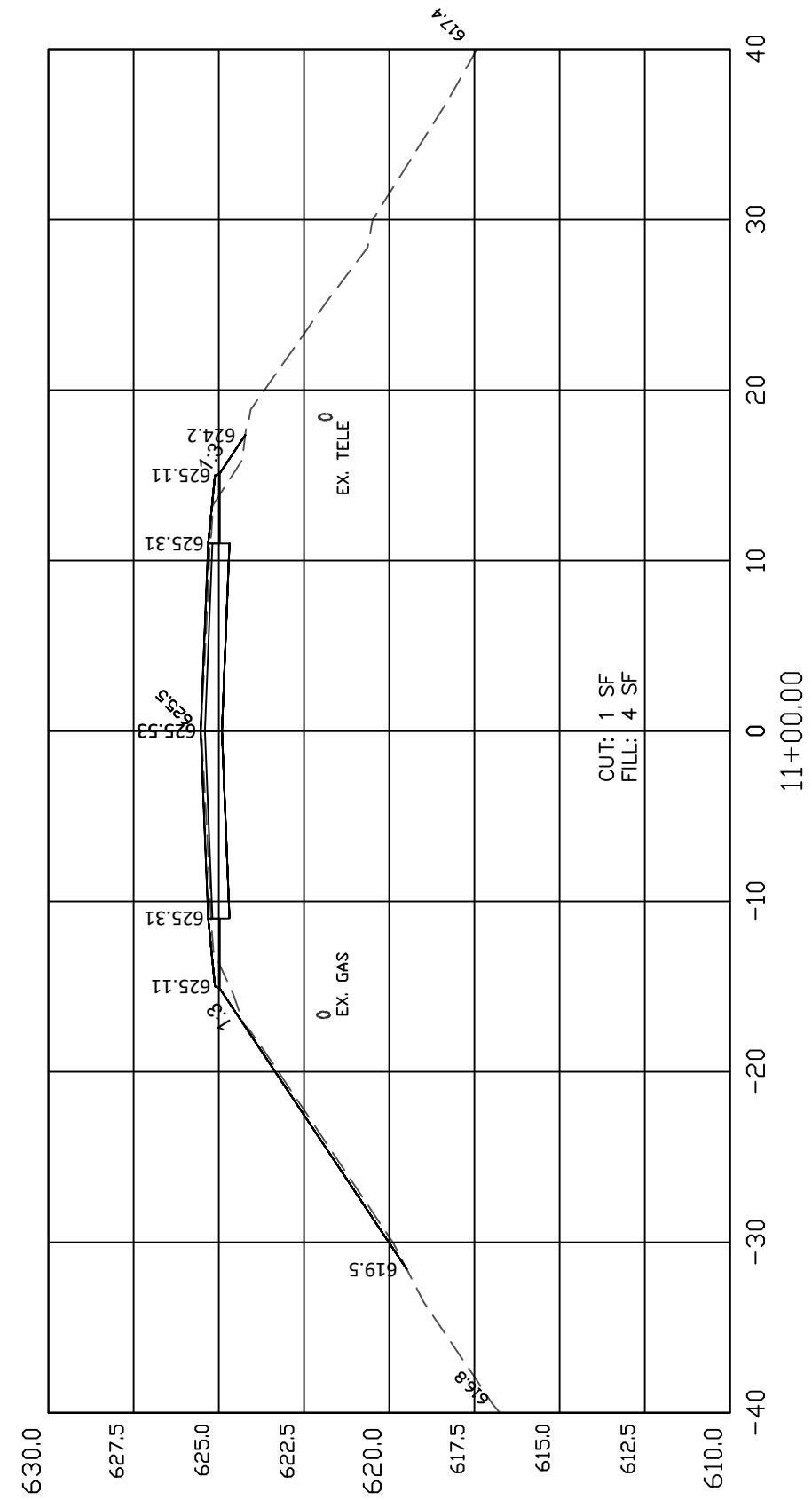
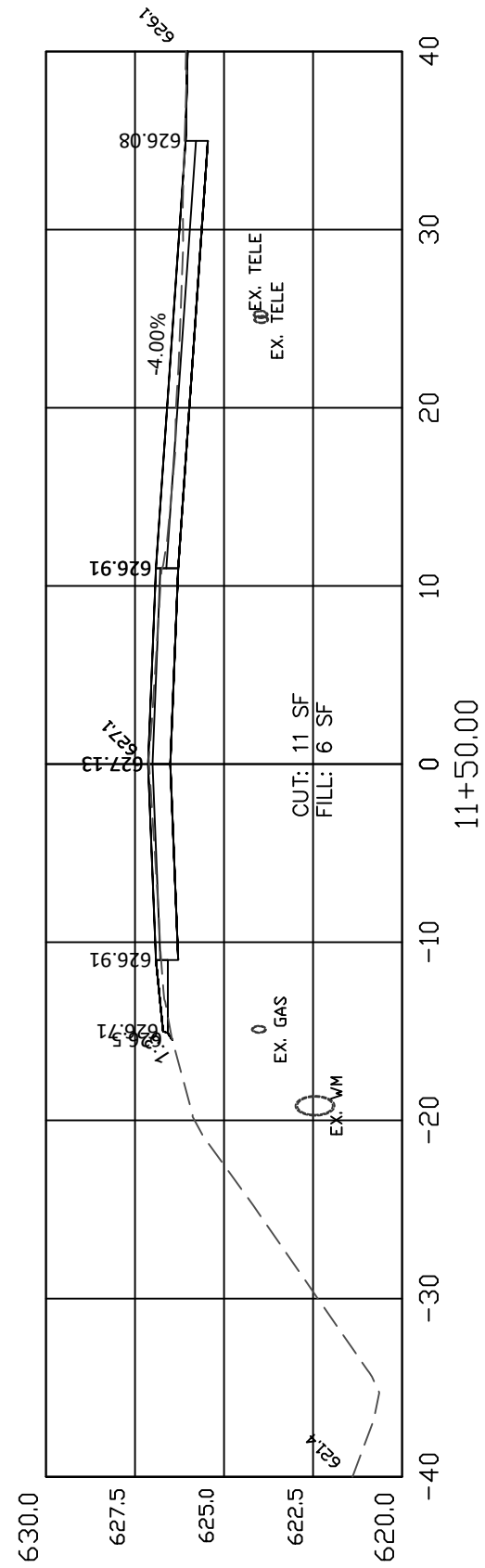
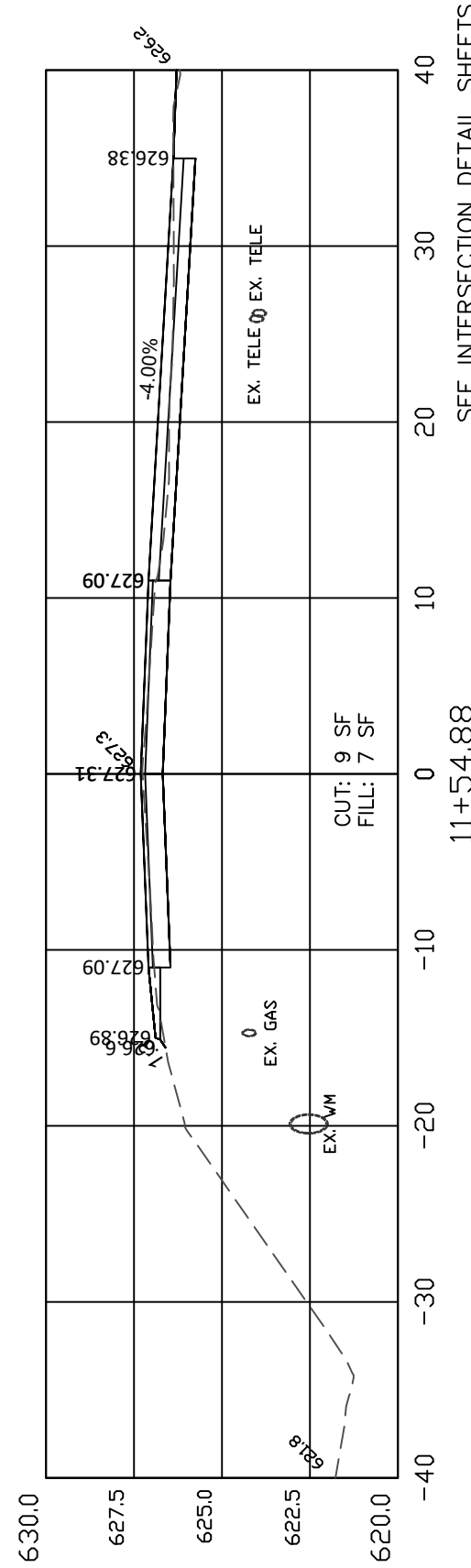
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	45



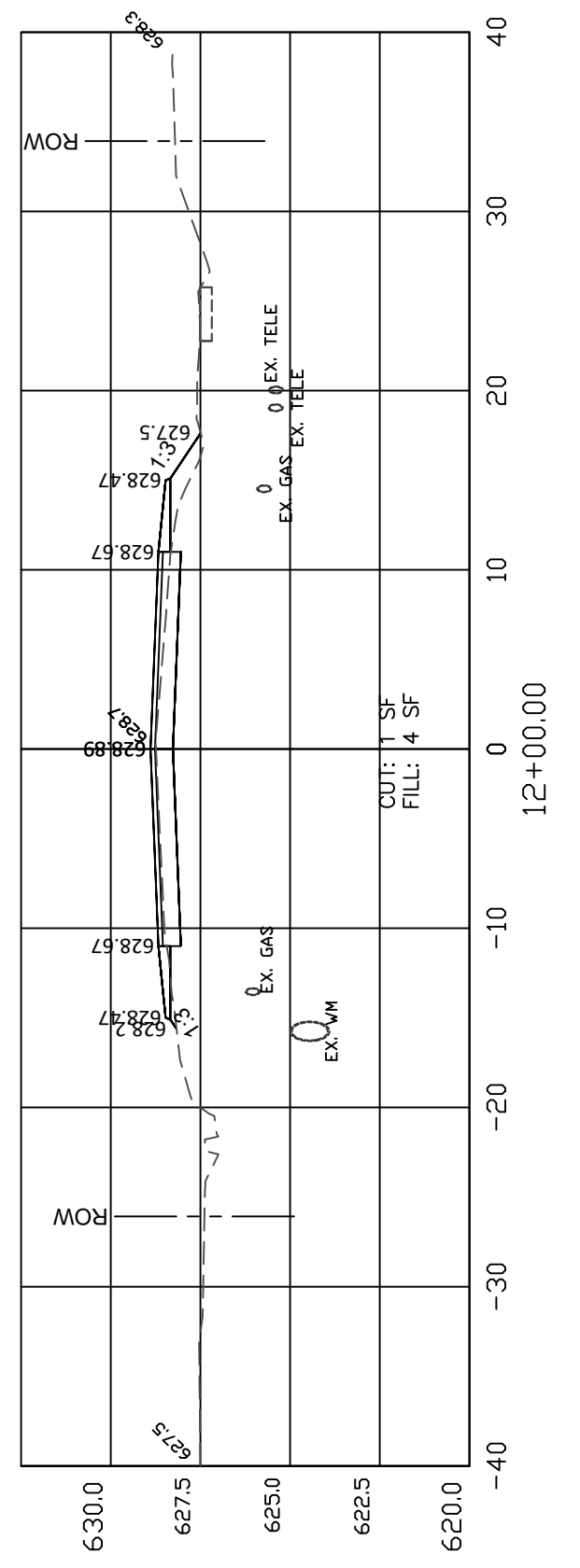
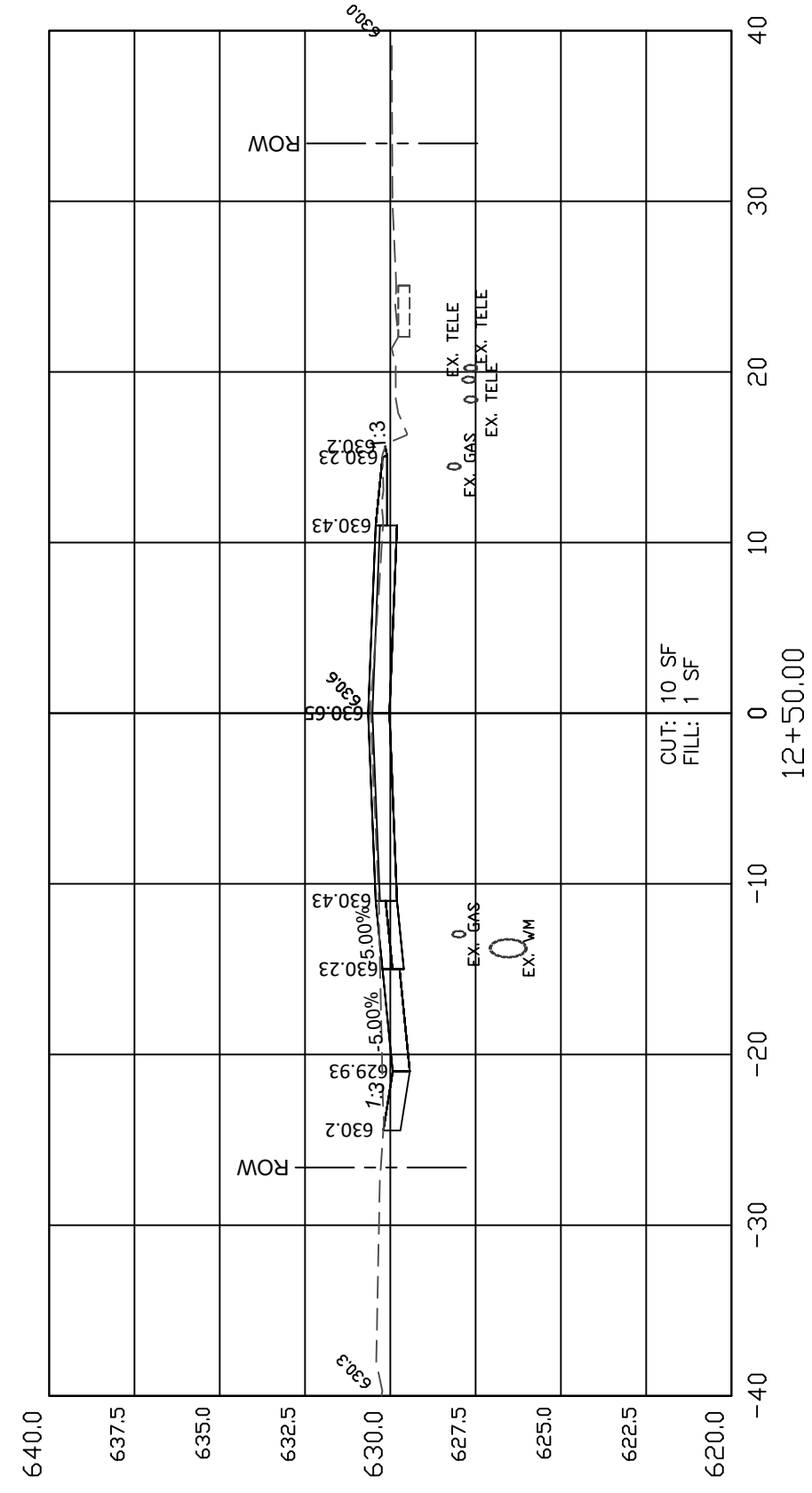
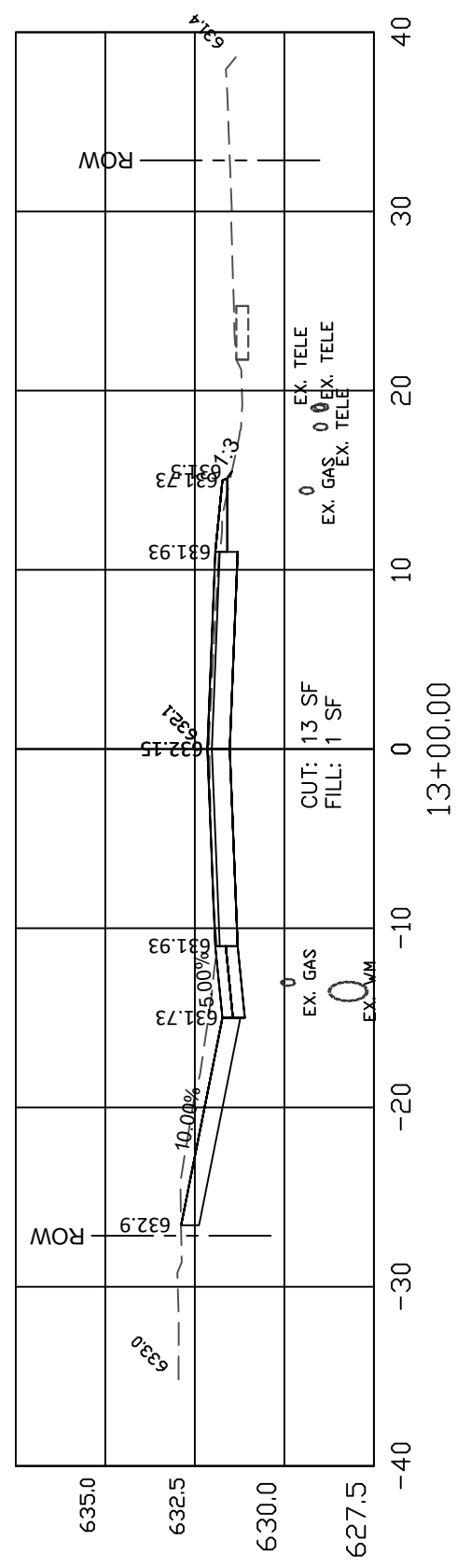
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	46



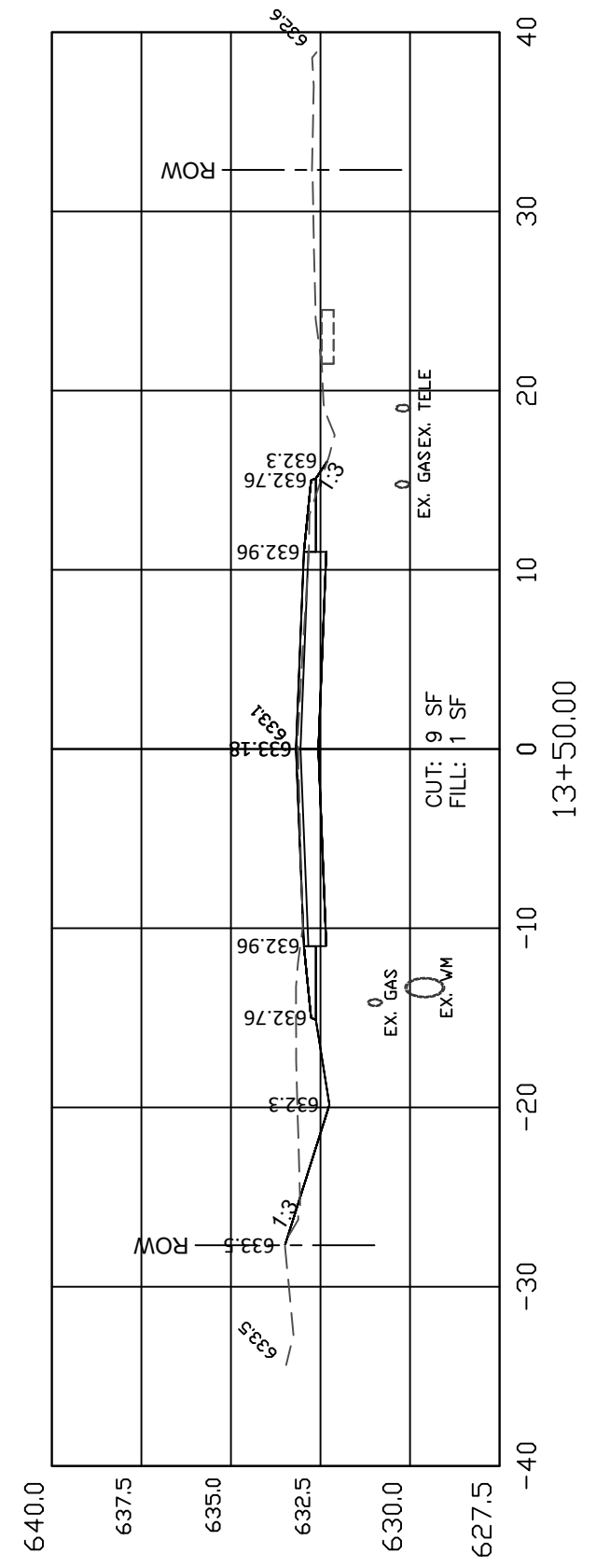
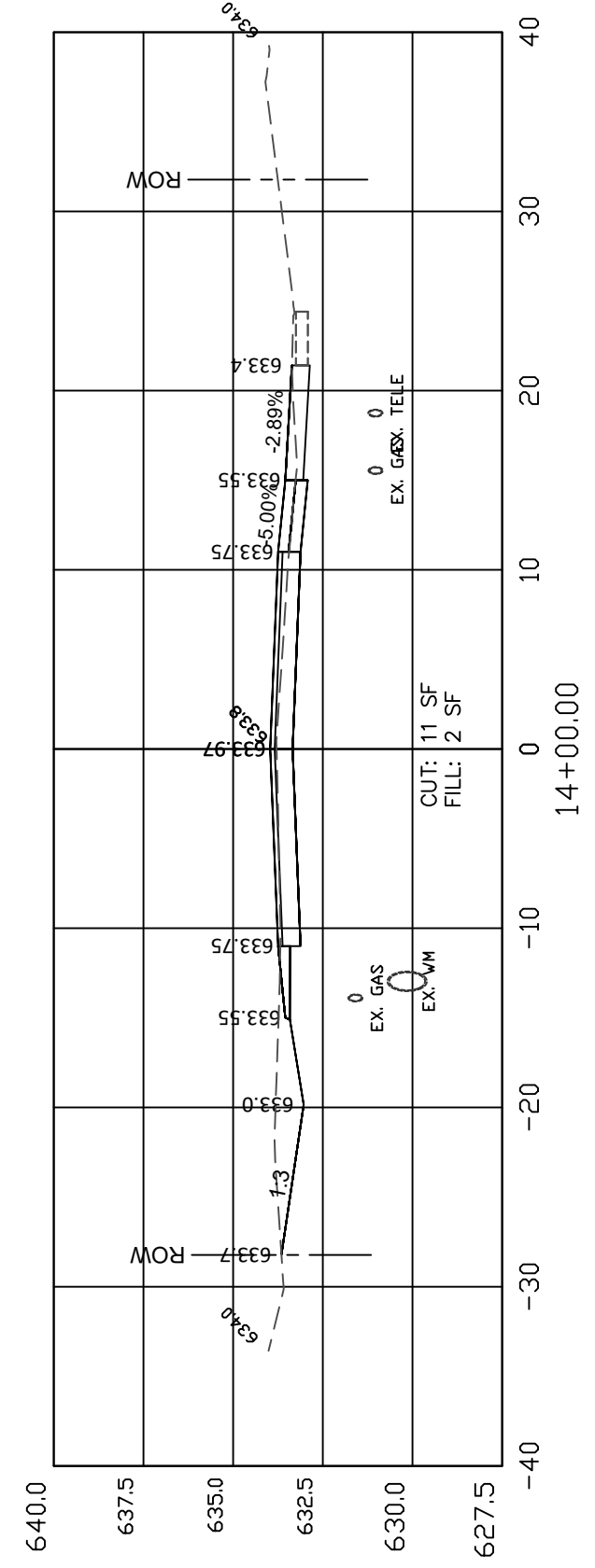
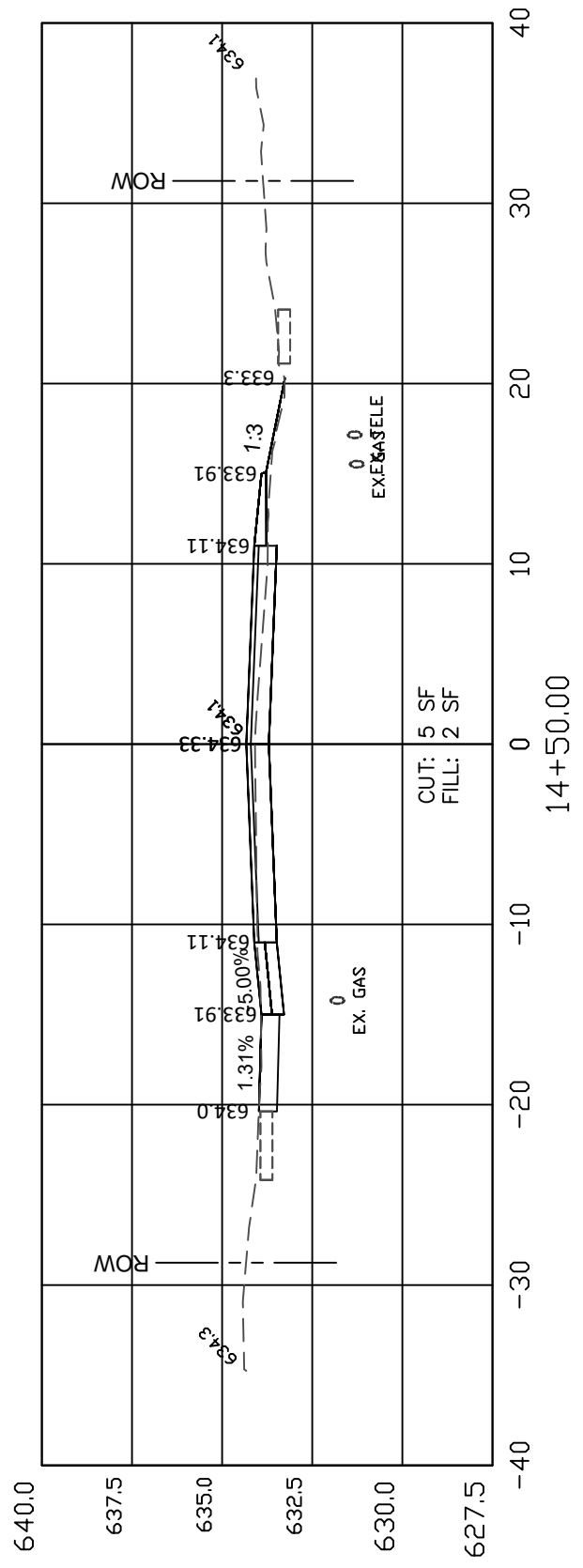
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	47



CH 11 CROSS-SECTIONS

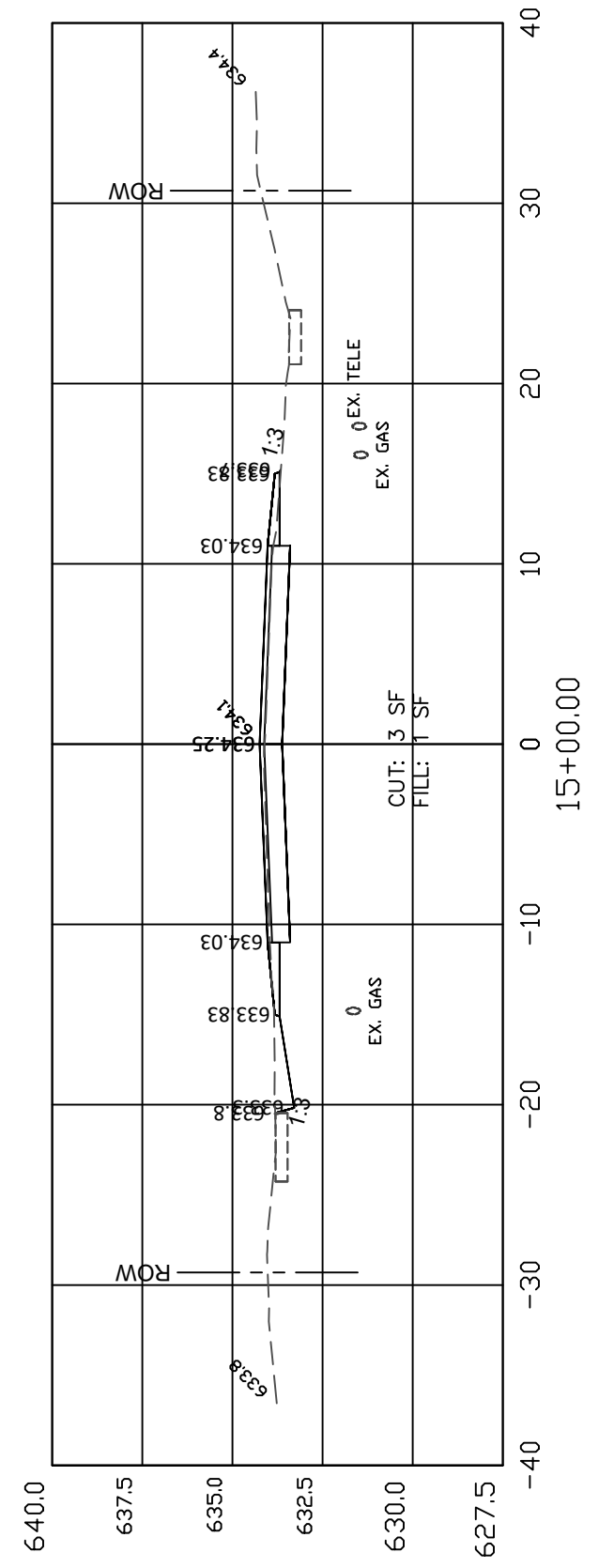
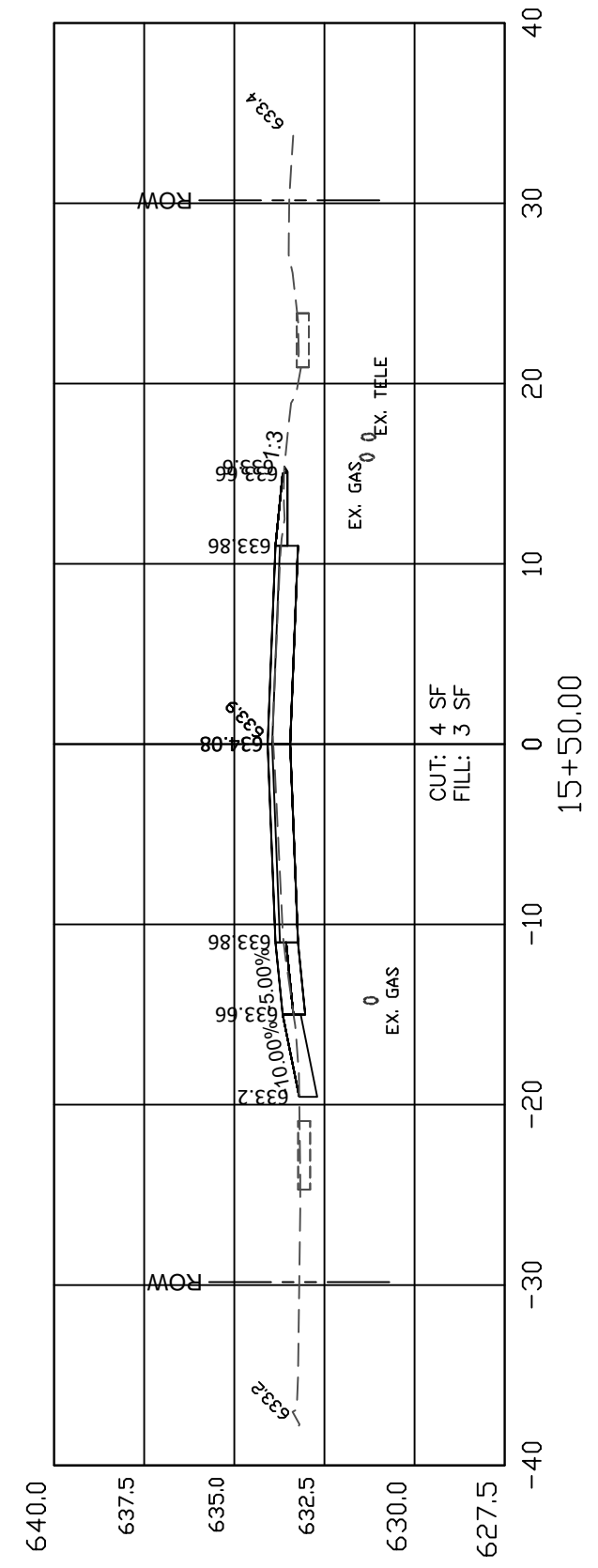
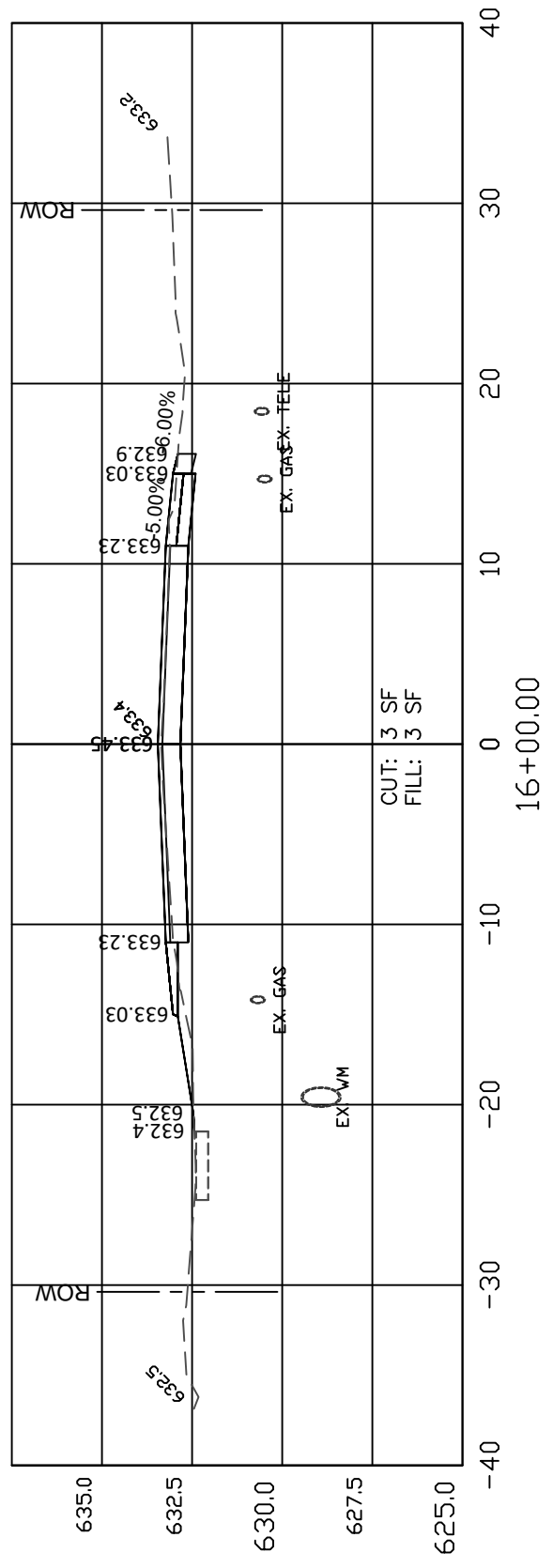
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	48



CH 11 CROSS-SECTIONS

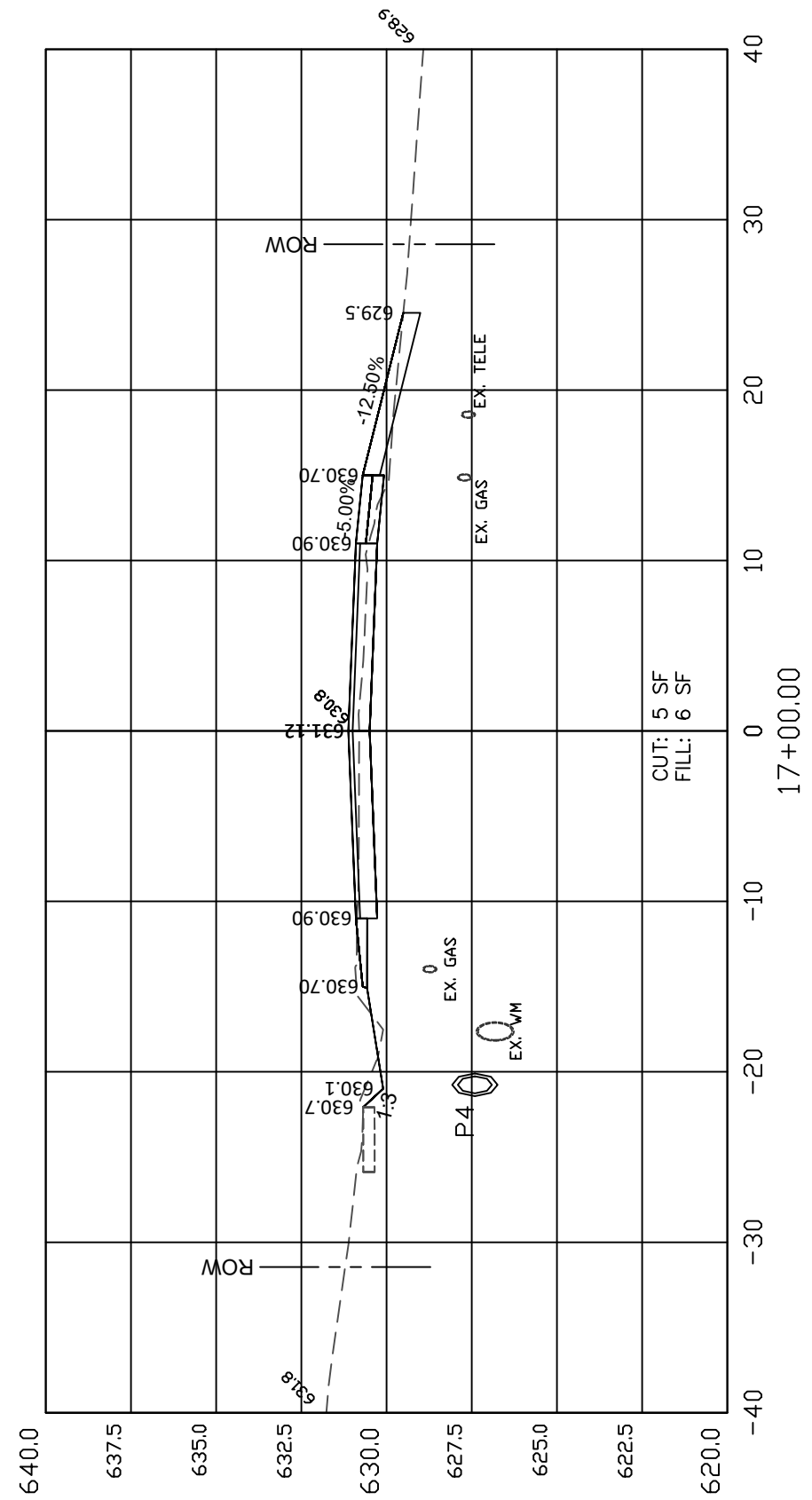


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	49



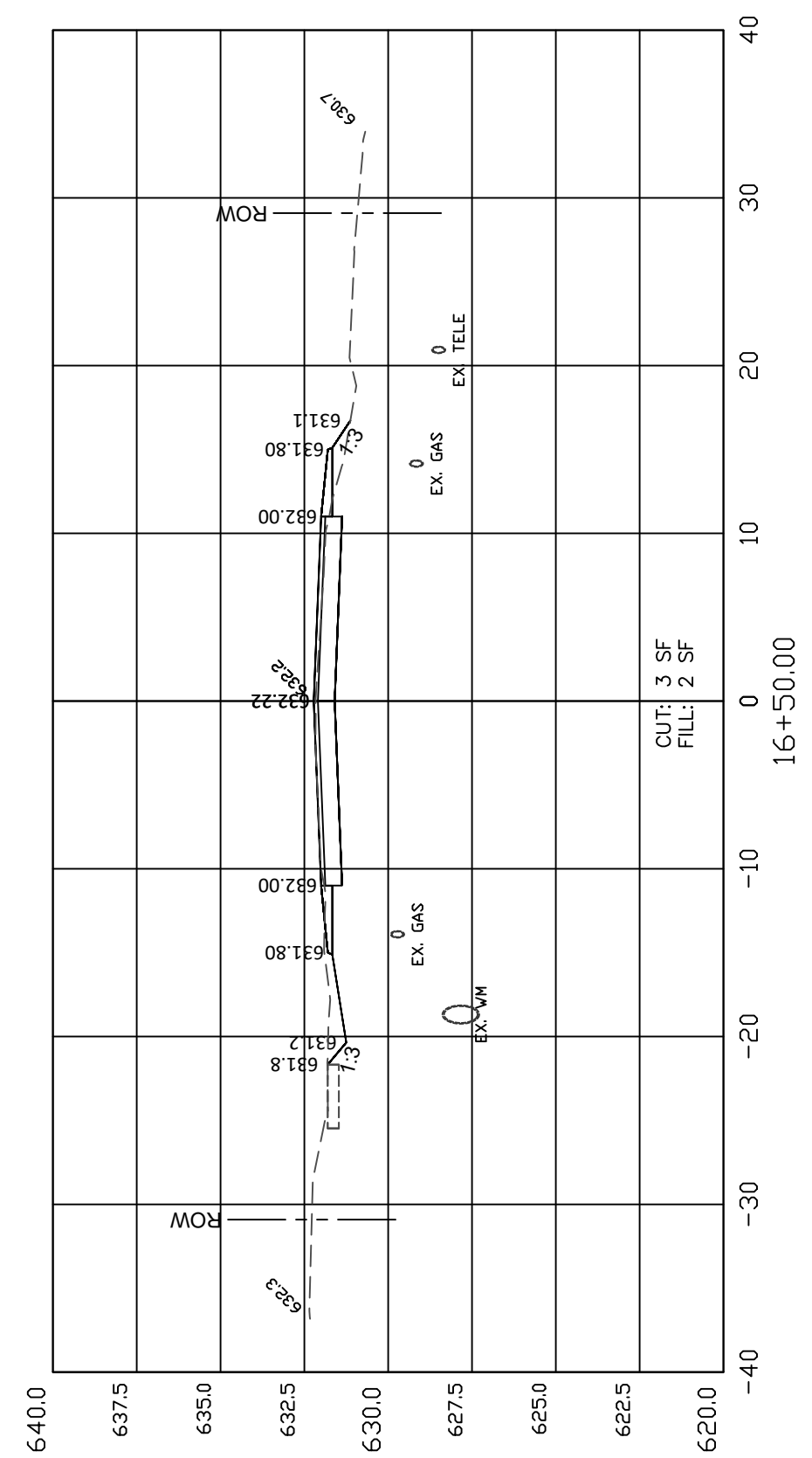
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	50



CUT: 5 SF  
FILL: 6 SF

17+00.00

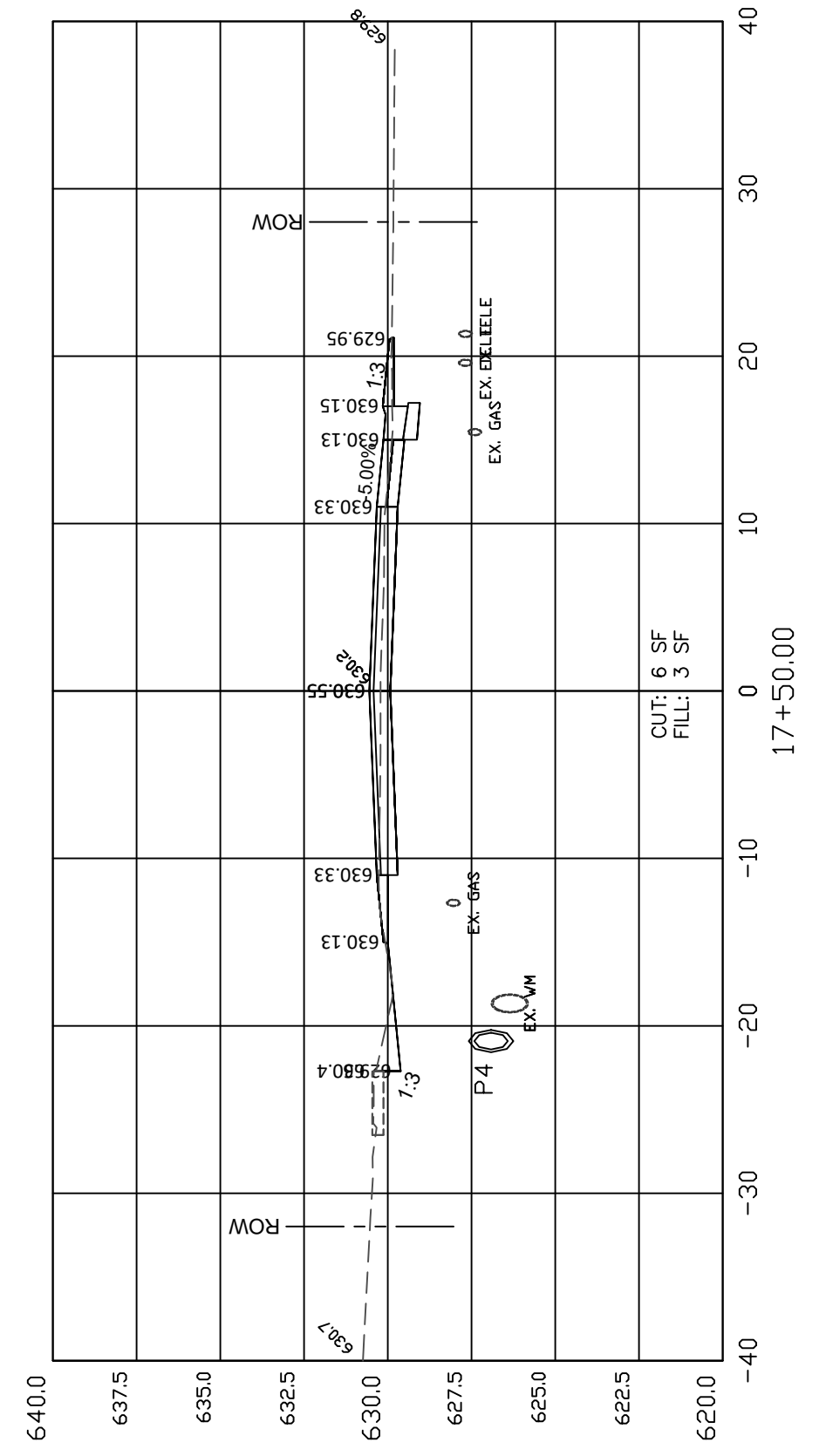
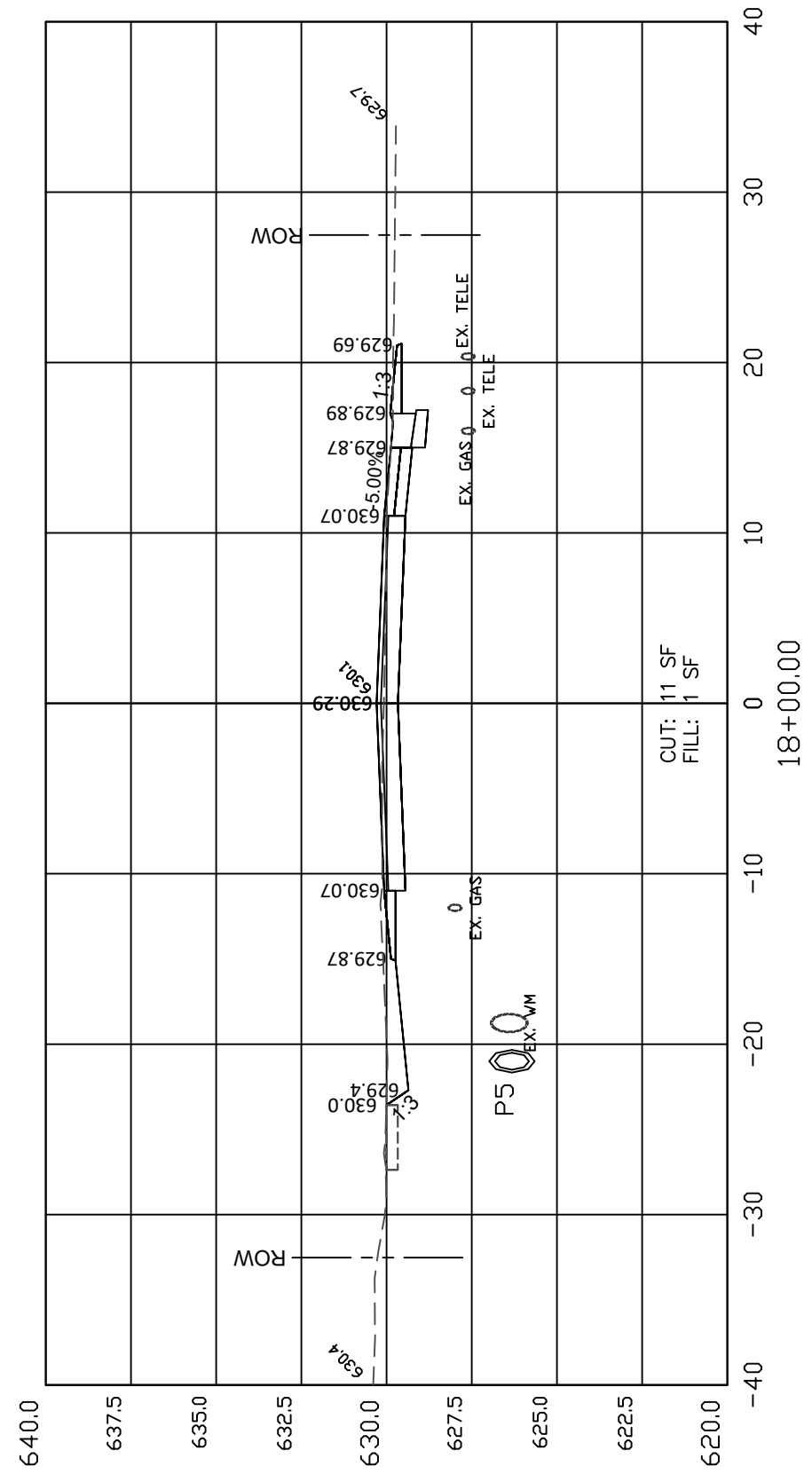


CUT: 3 SF  
FILL: 2 SF

16+50.00

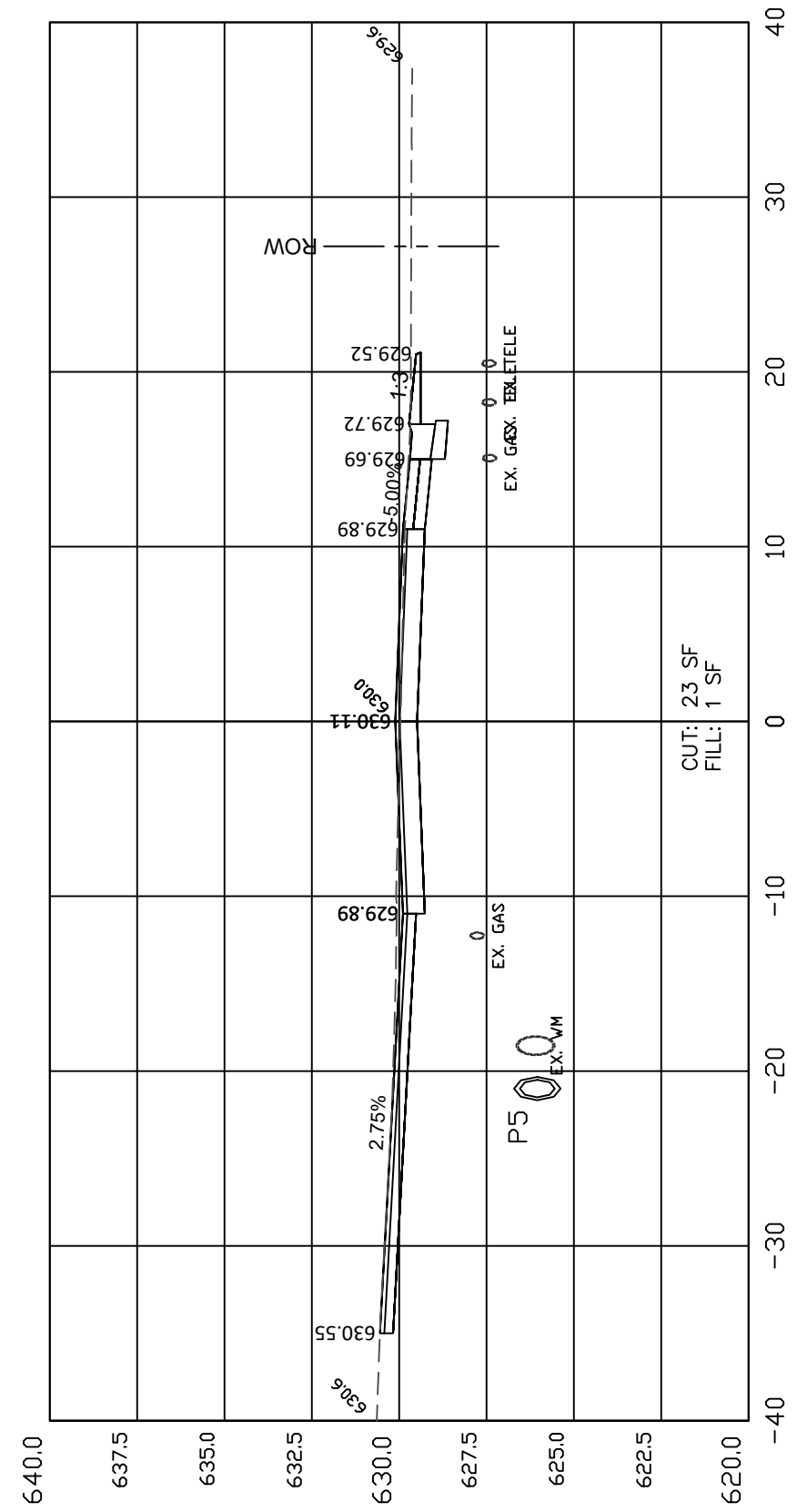
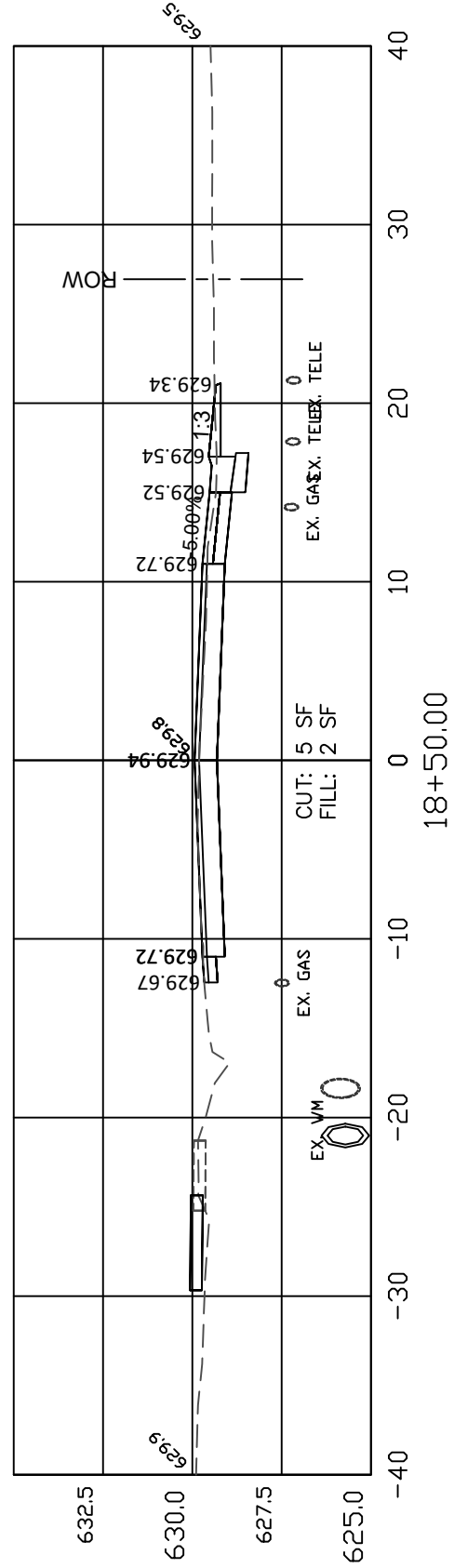
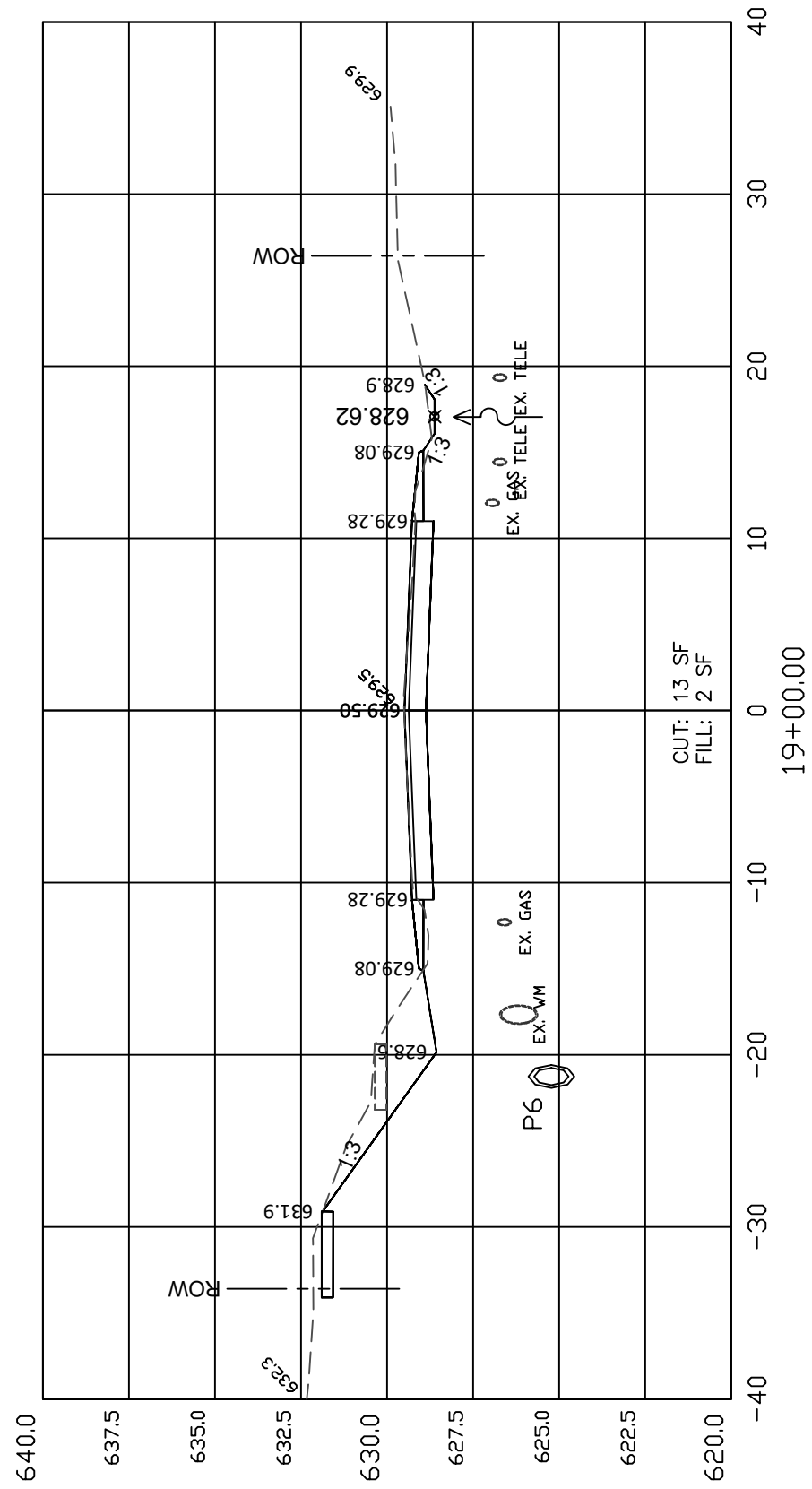
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	51



CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	52

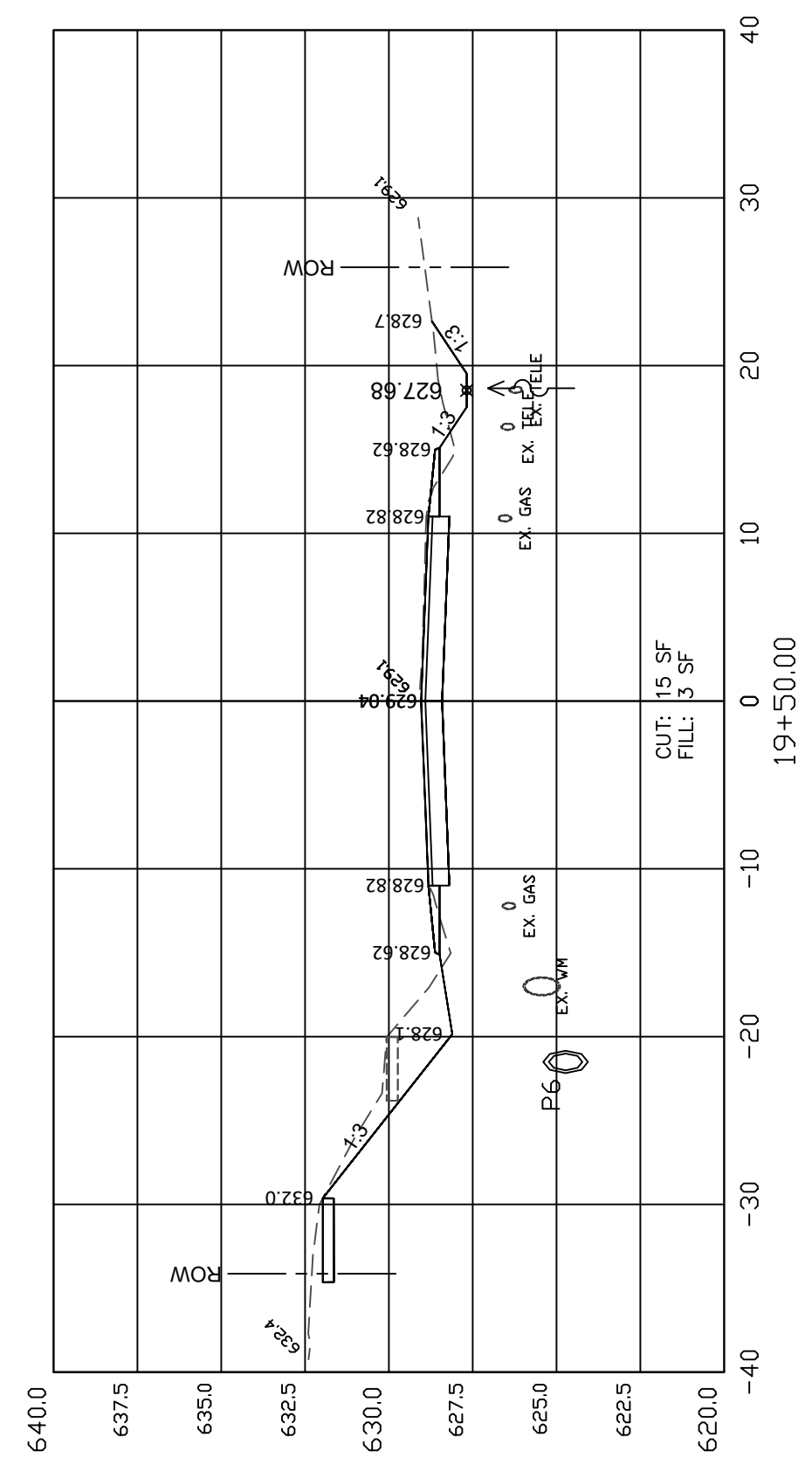
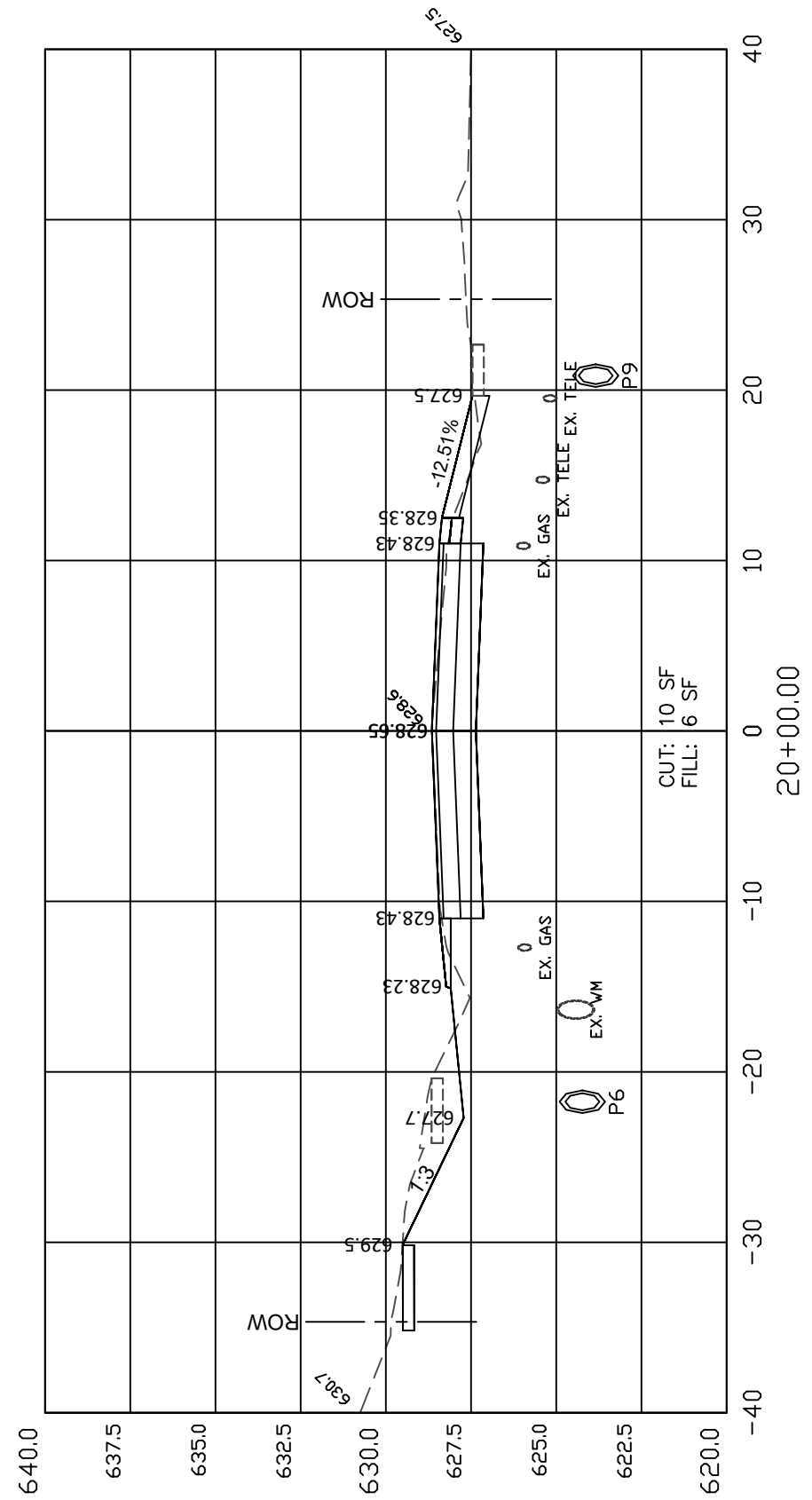
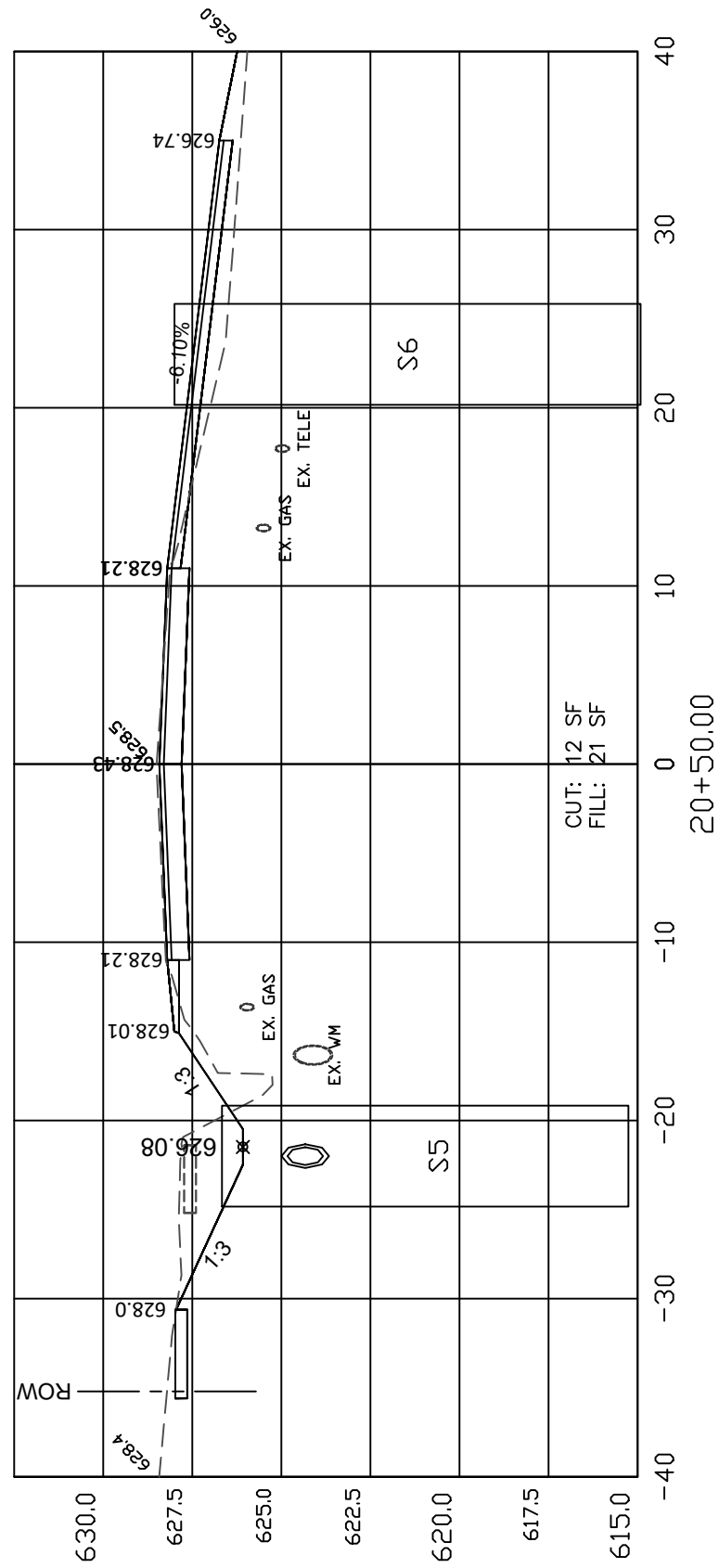


SEE INTERSECTION DETAIL SHEETS

♀ WEST STREET

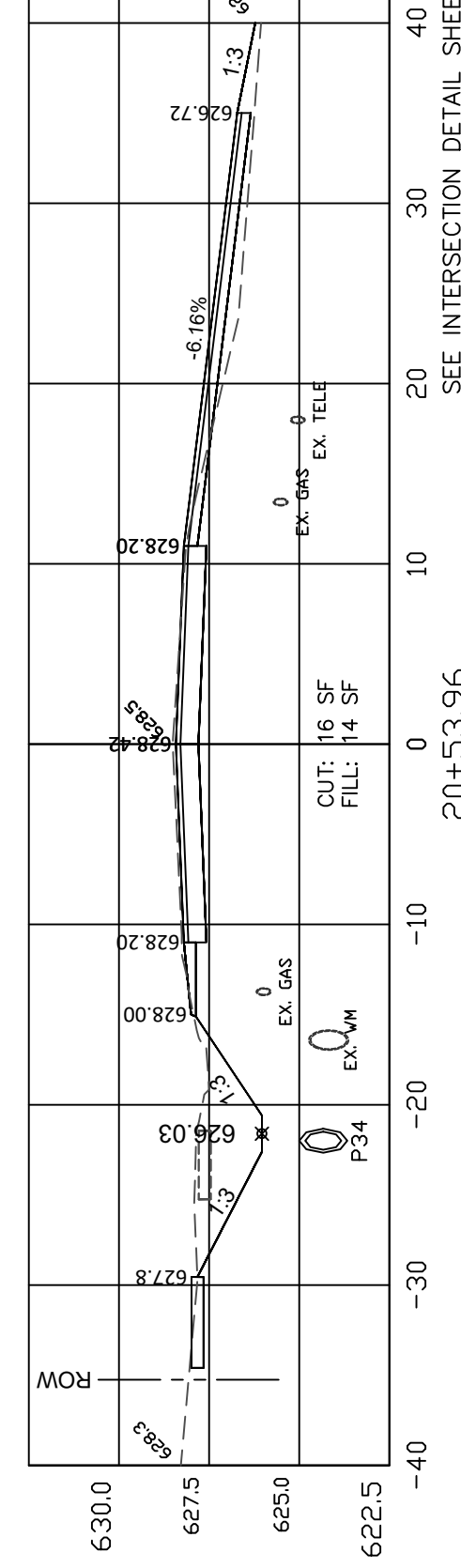
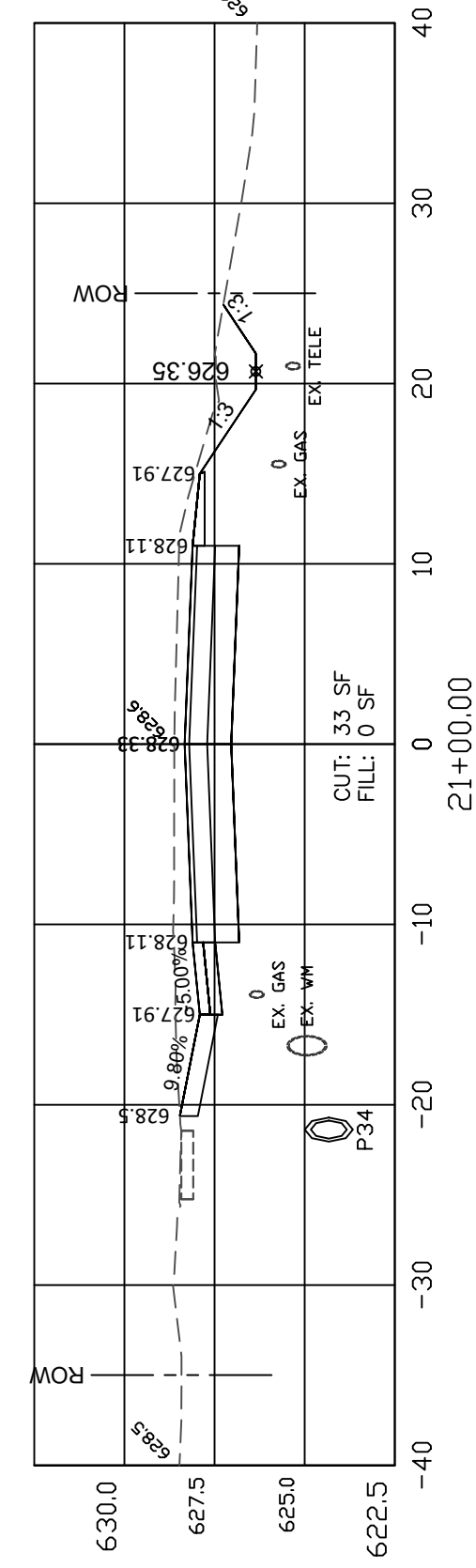
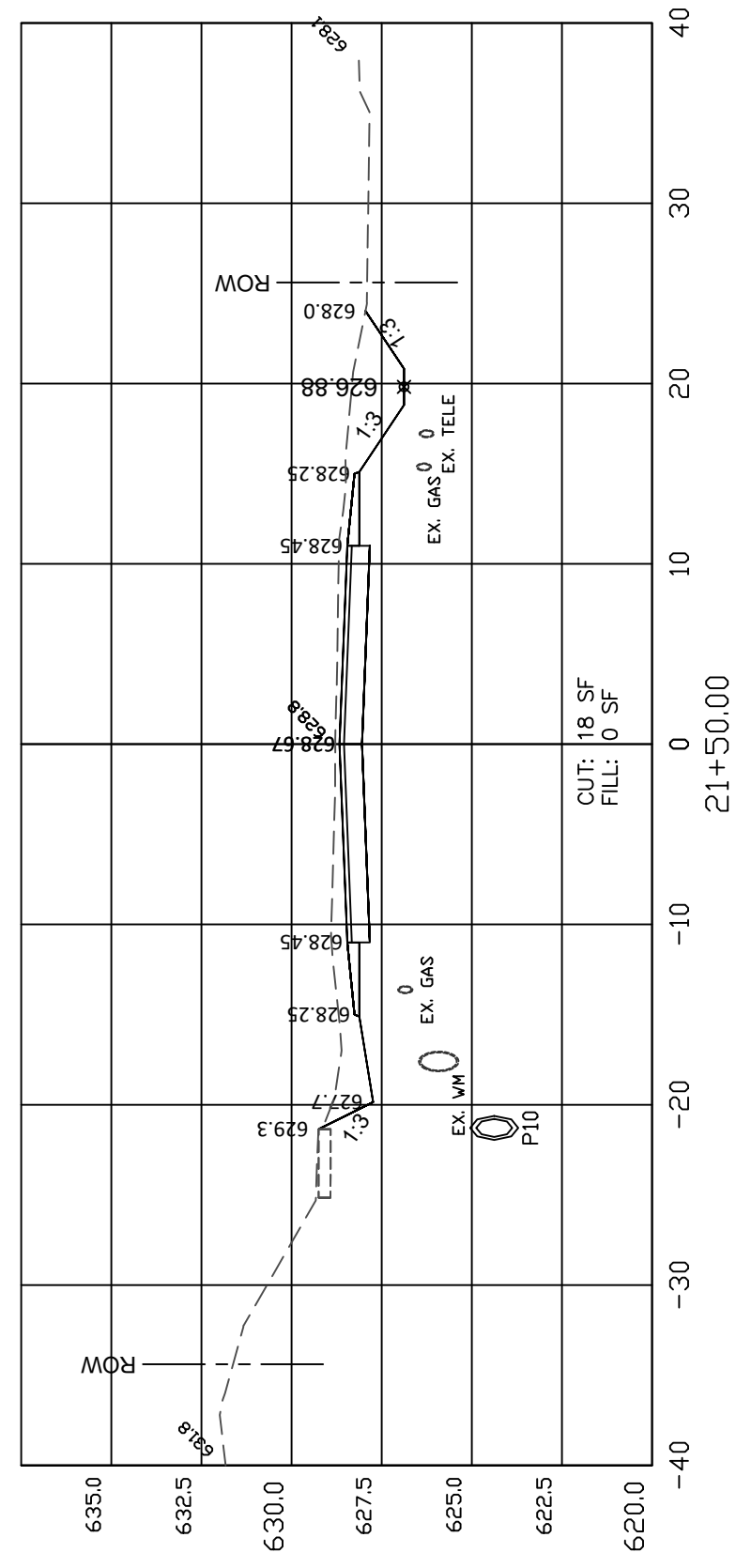
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	53



CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	54



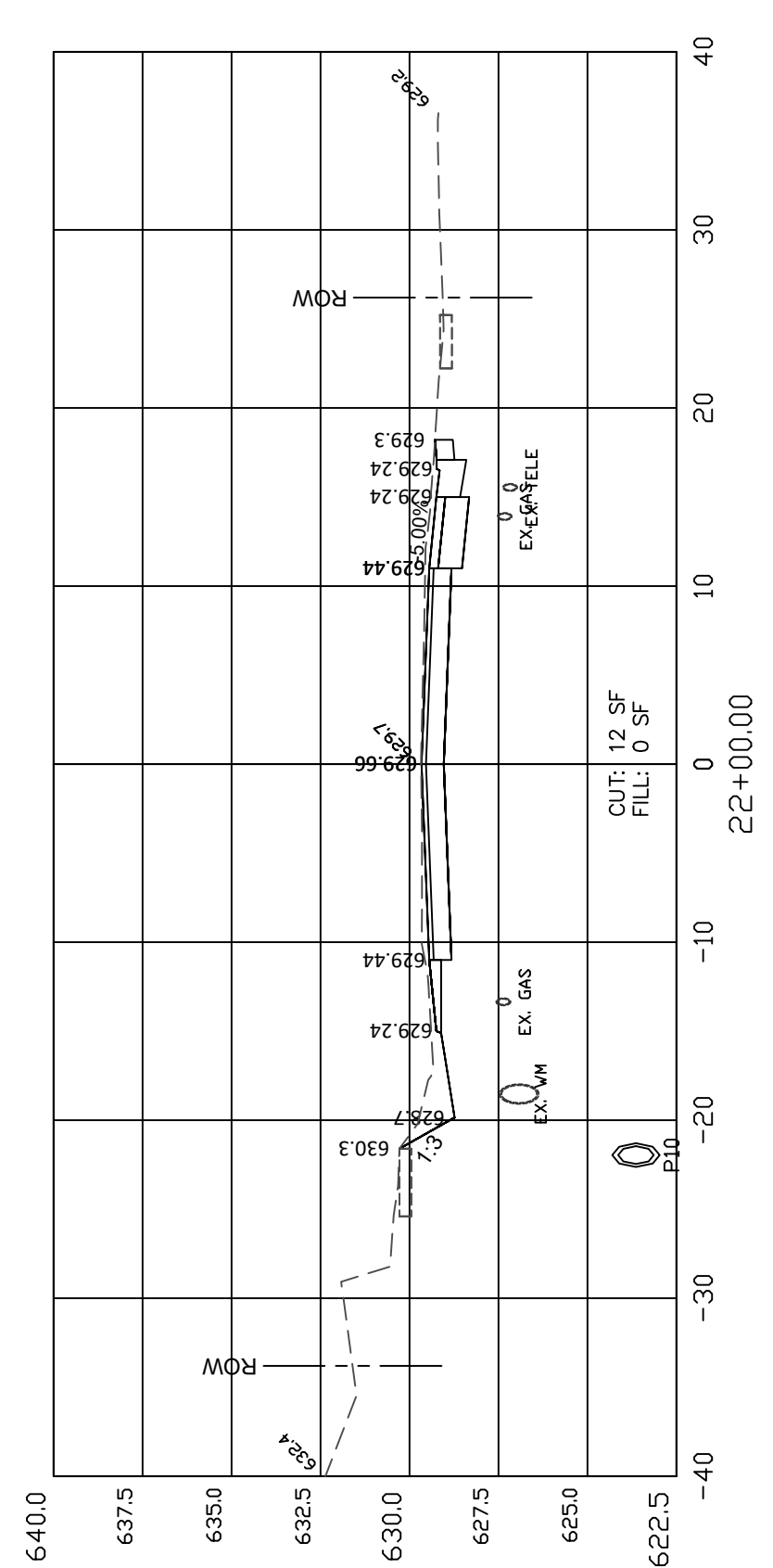
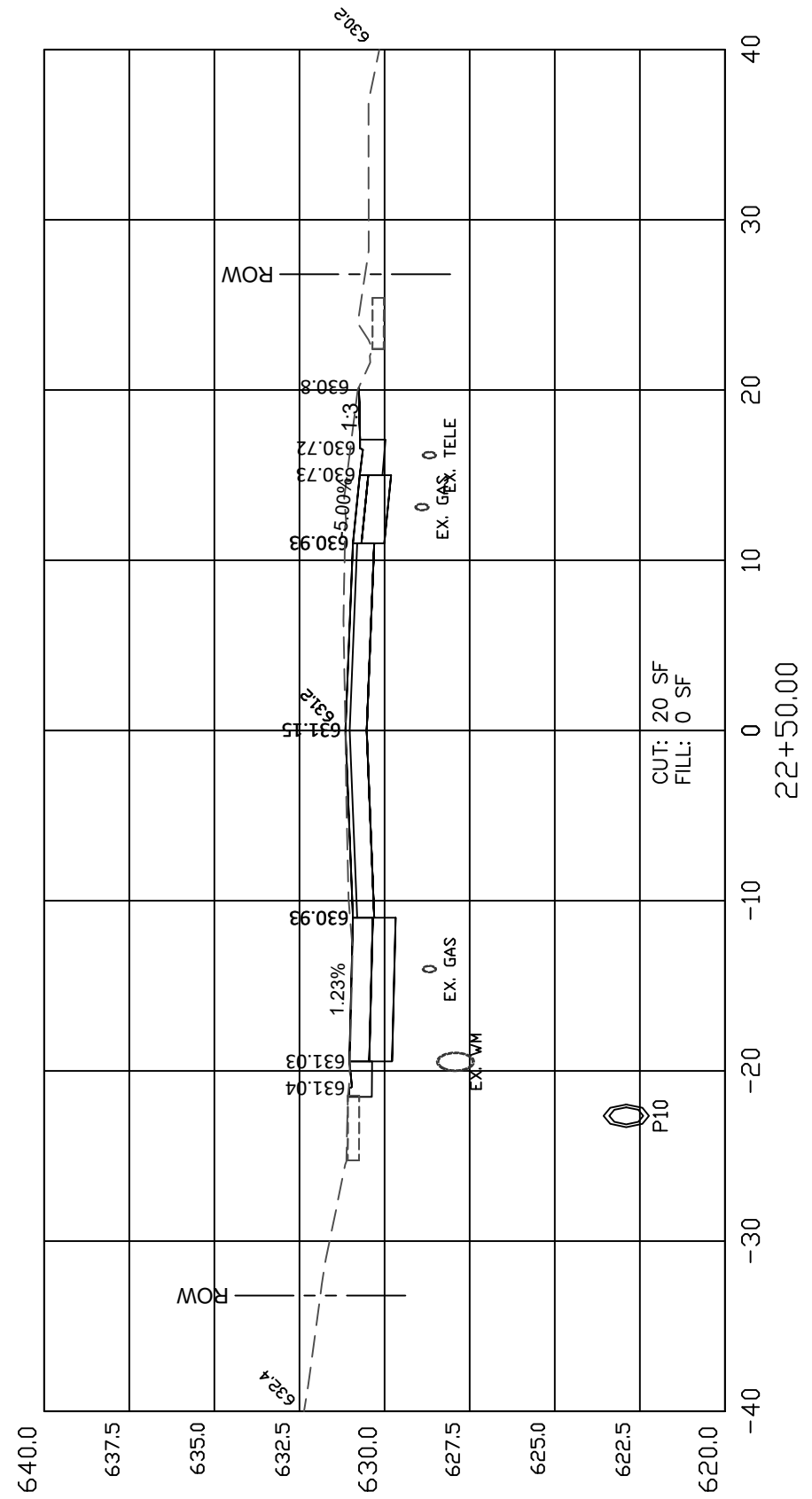
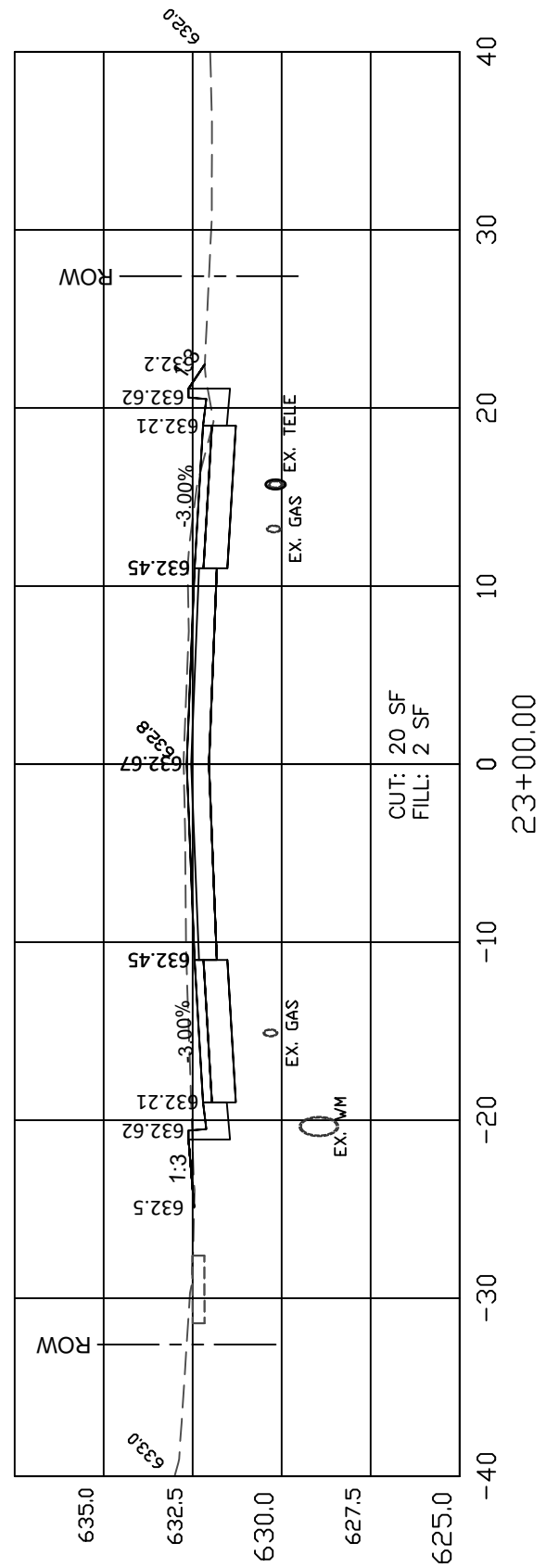
SEE INTERSECTION DETAIL SHEETS

20+53.96

SEMINARY STREET

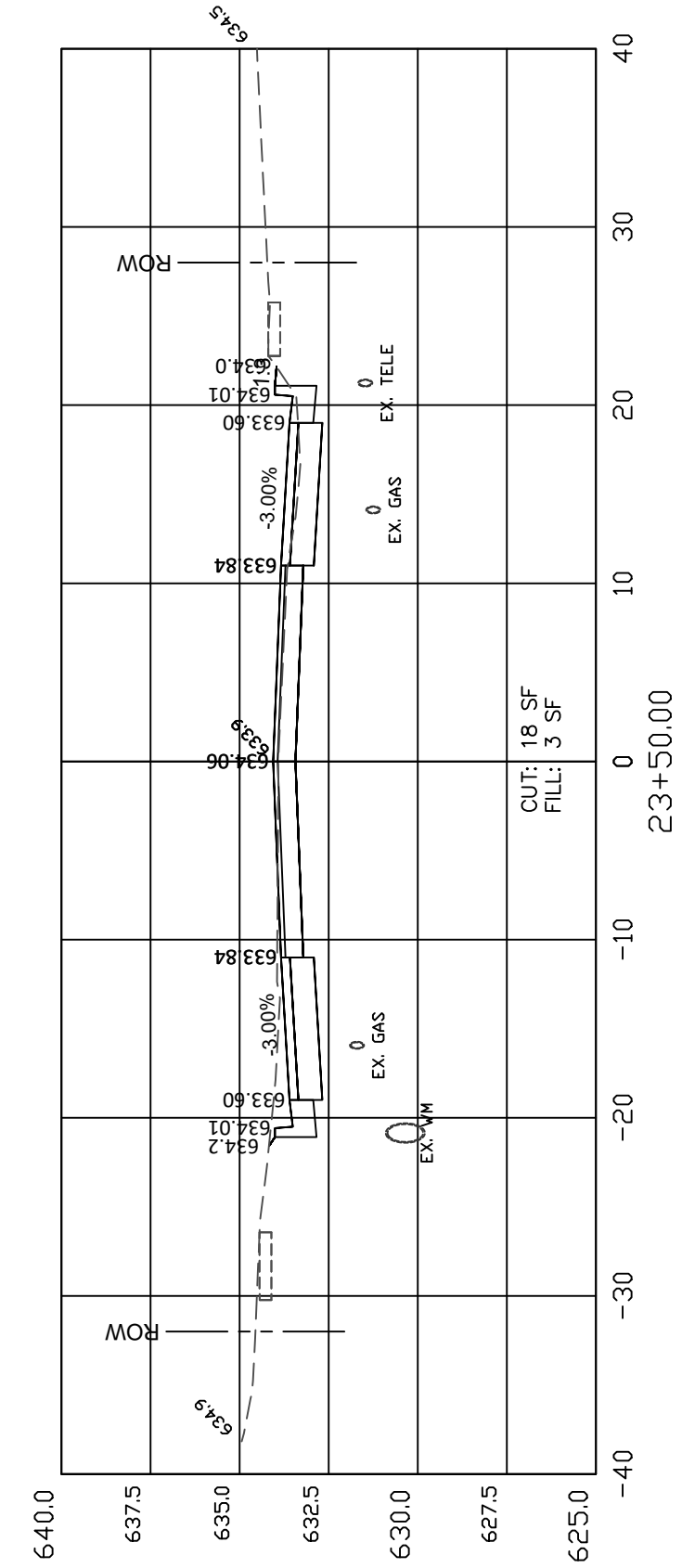
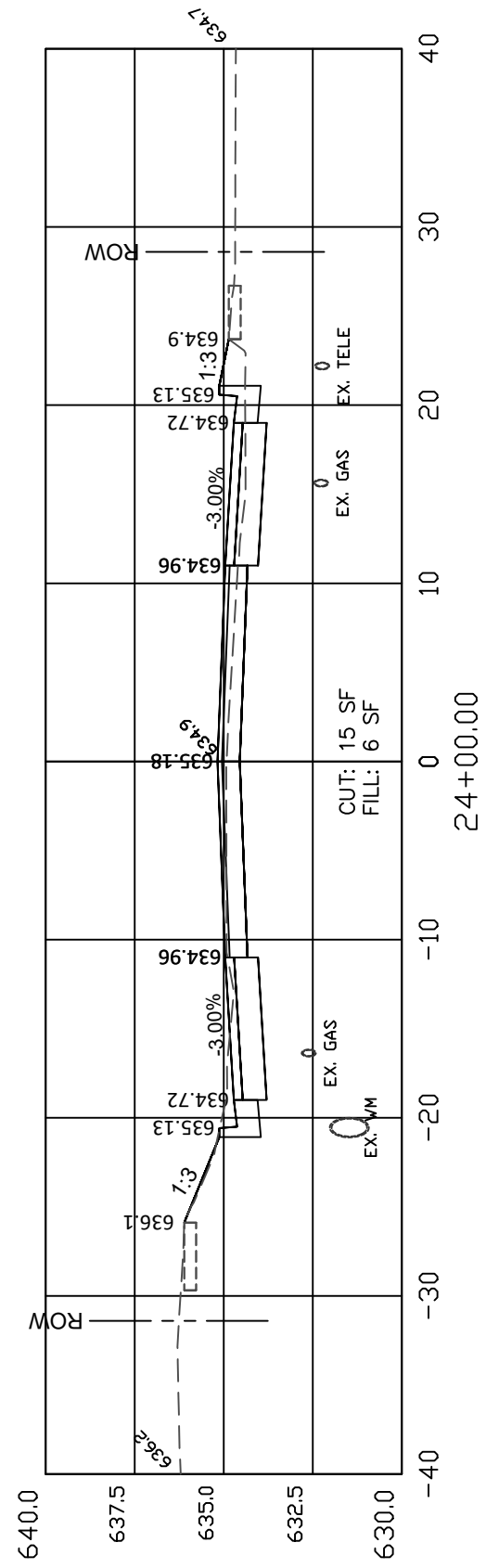
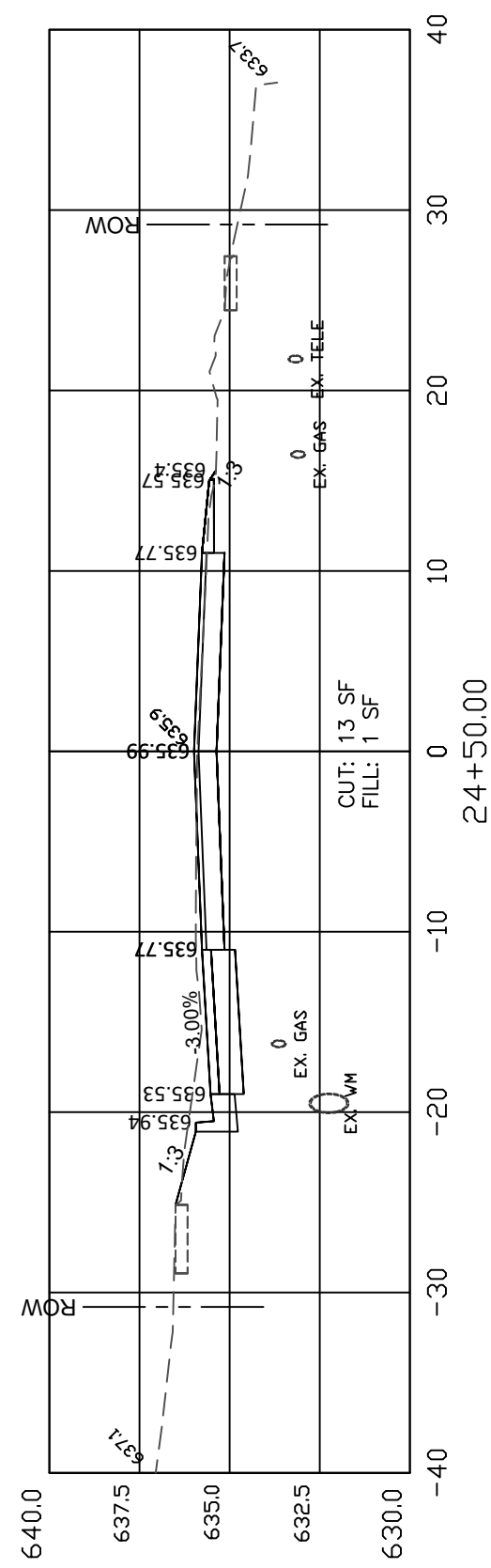
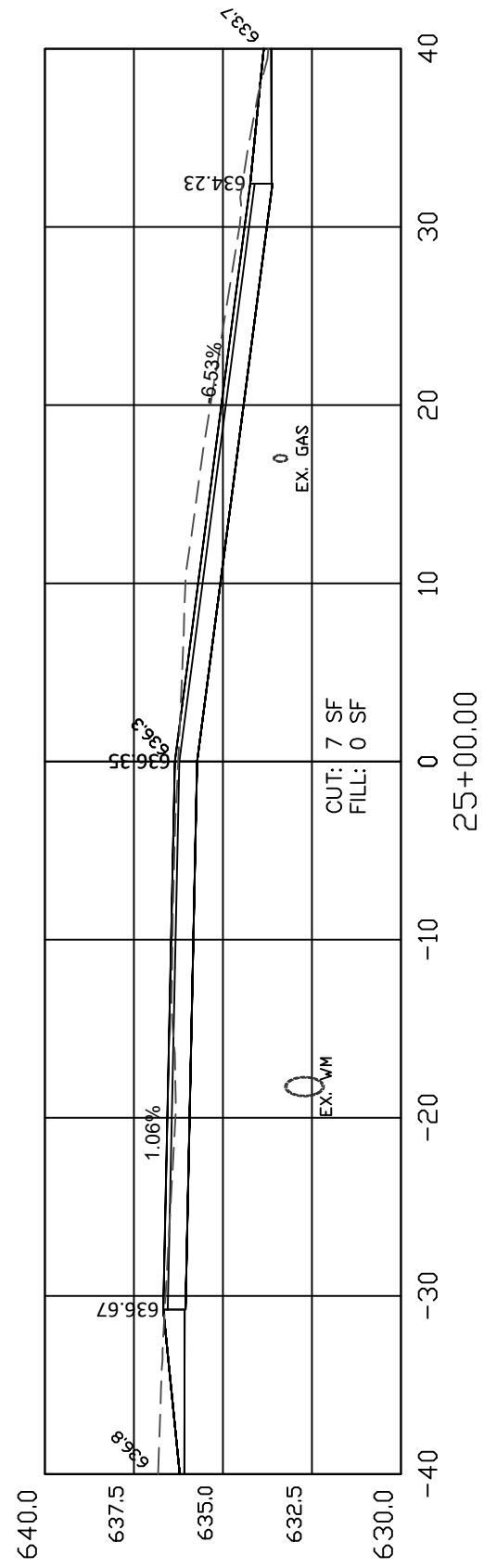
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	55



CH 11 CROSS-SECTIONS

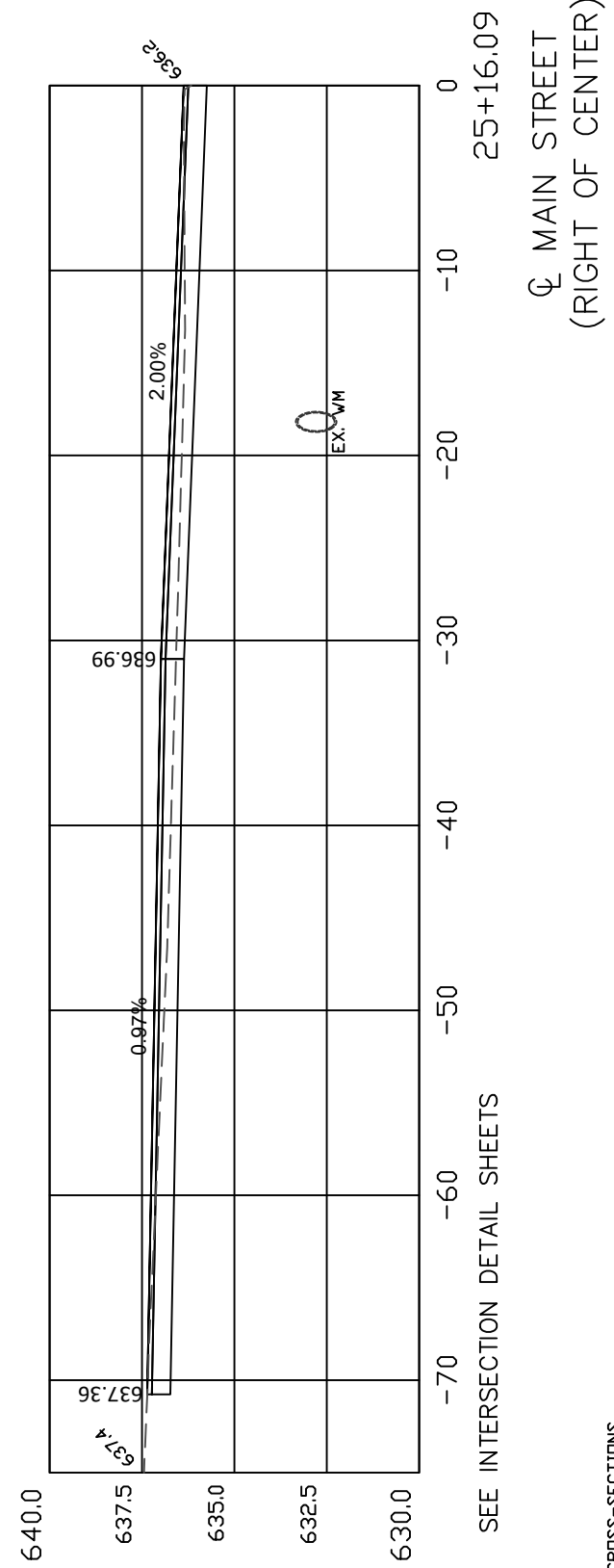
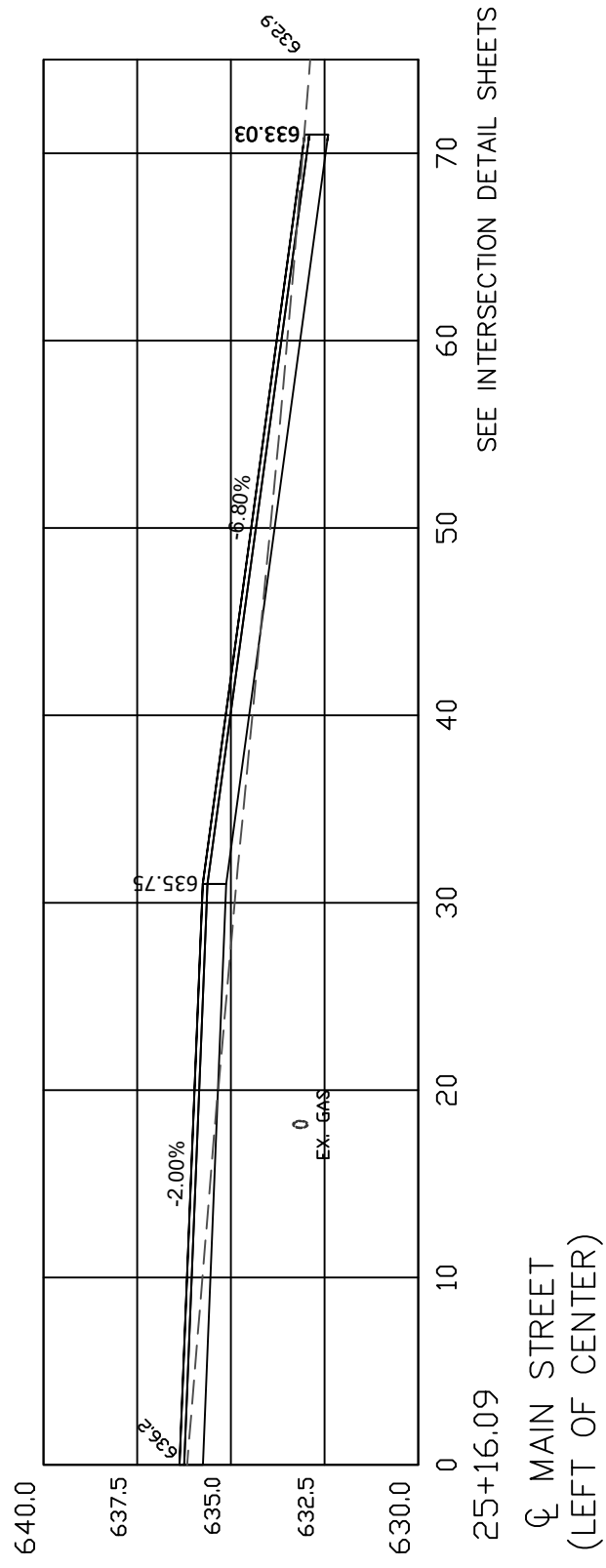
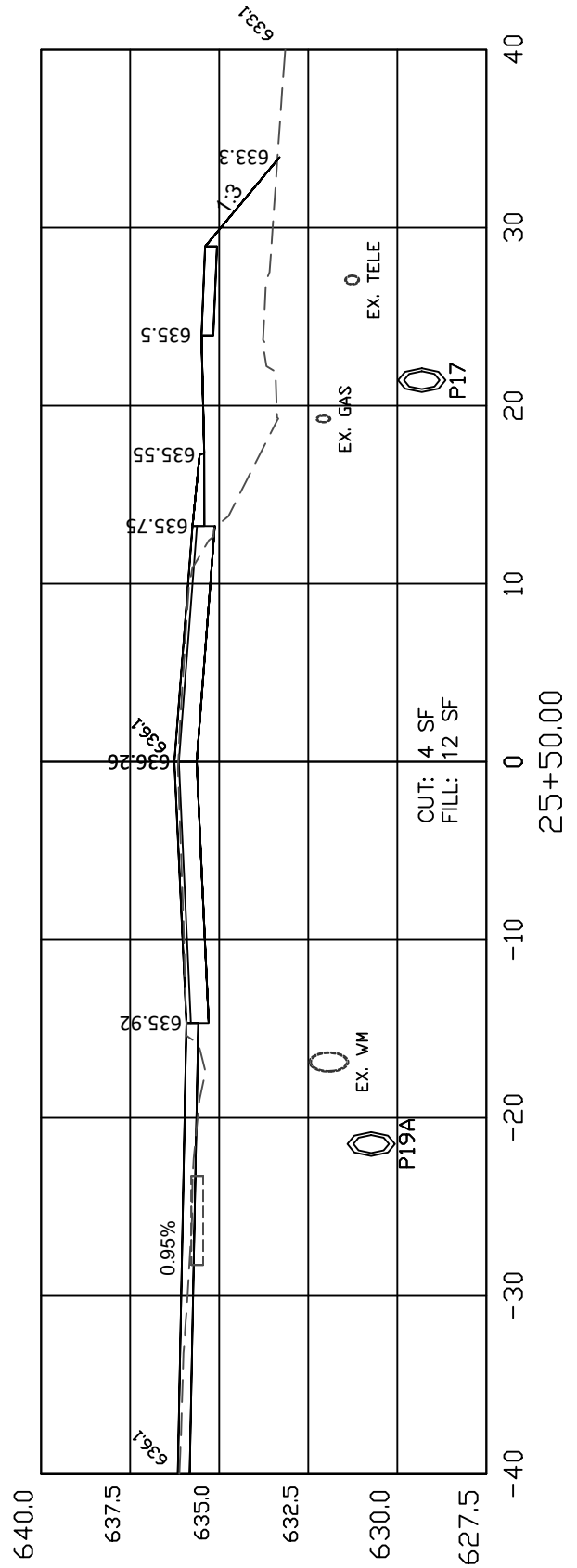
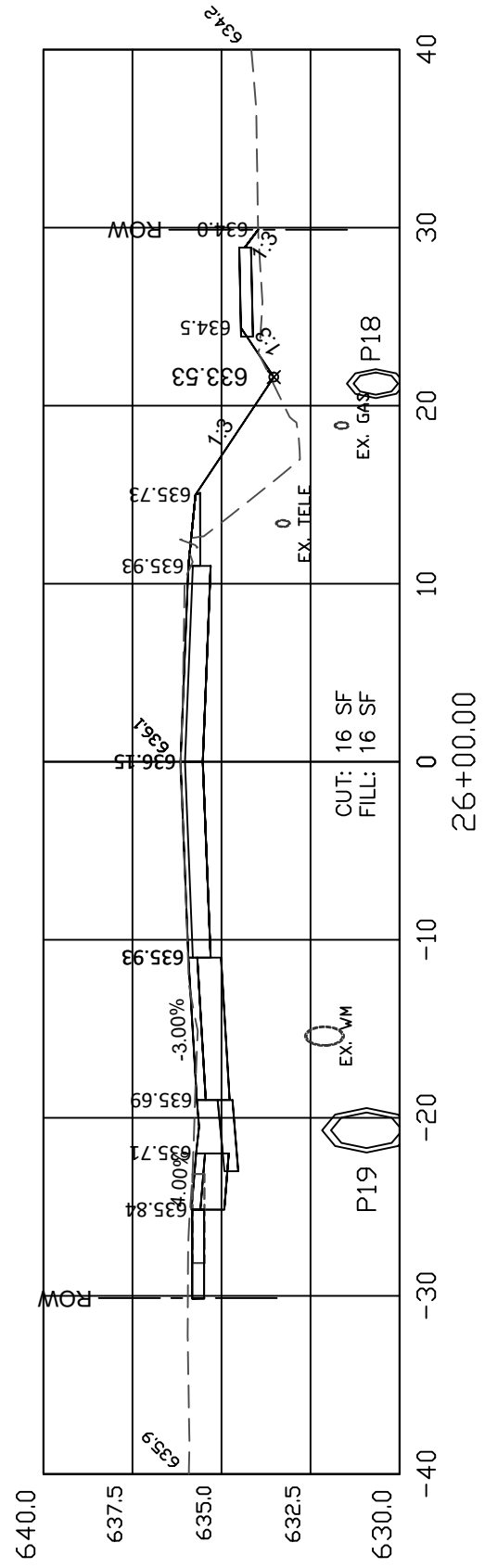
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	56



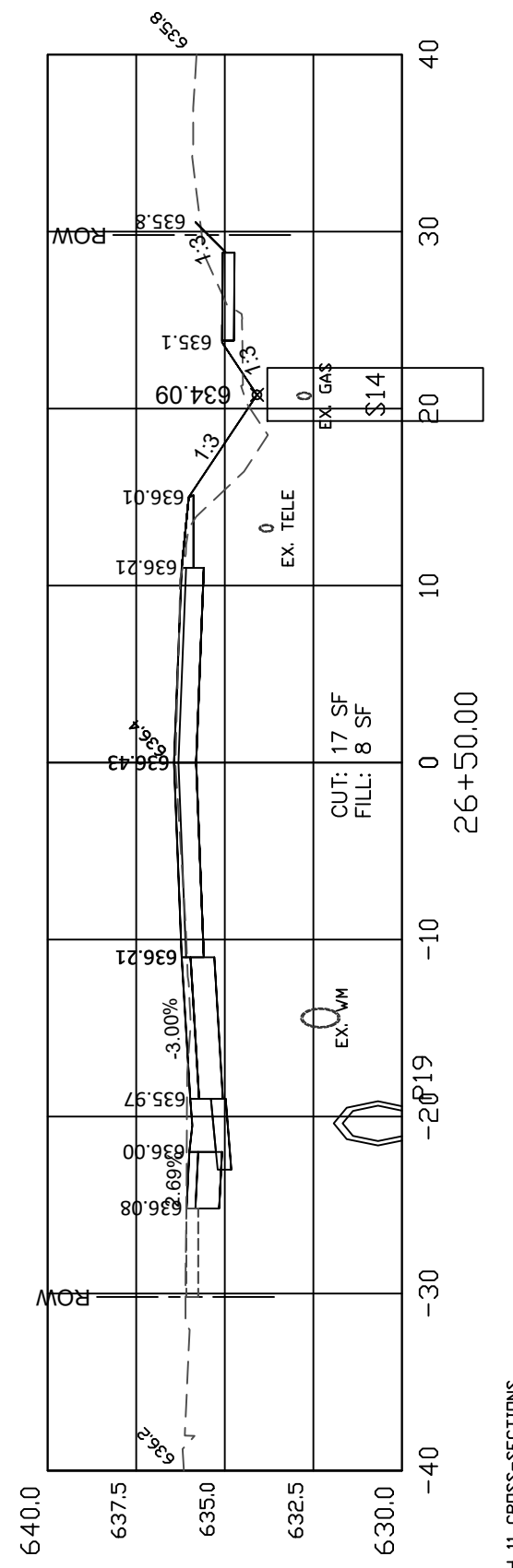
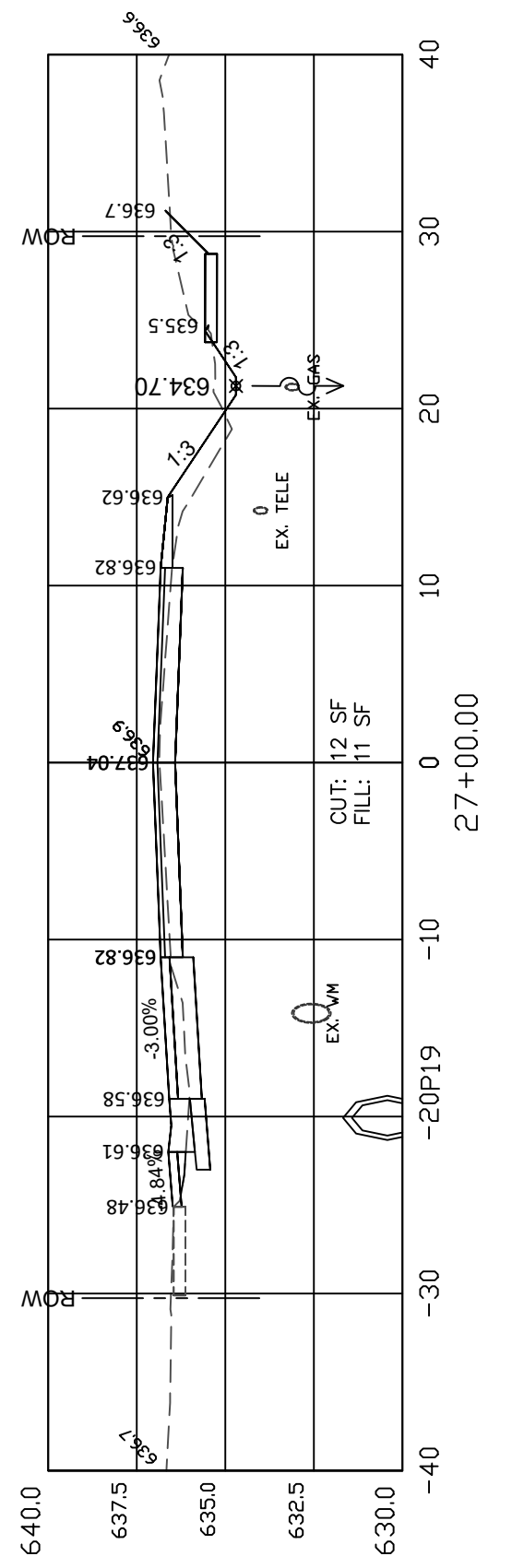
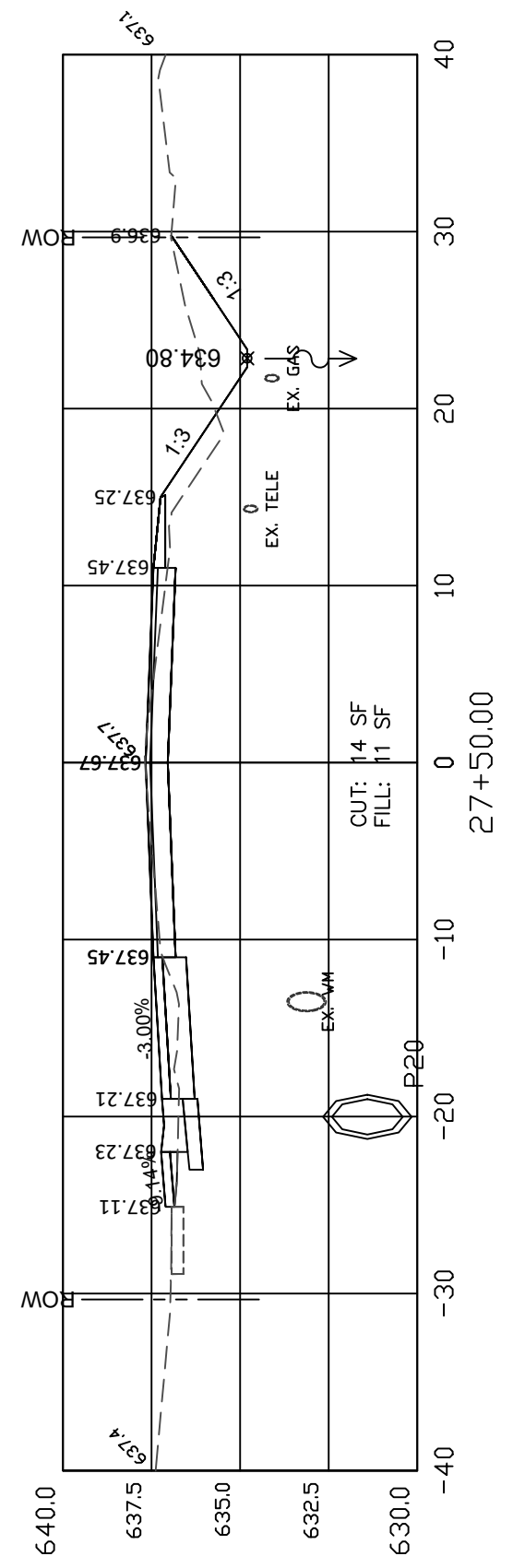
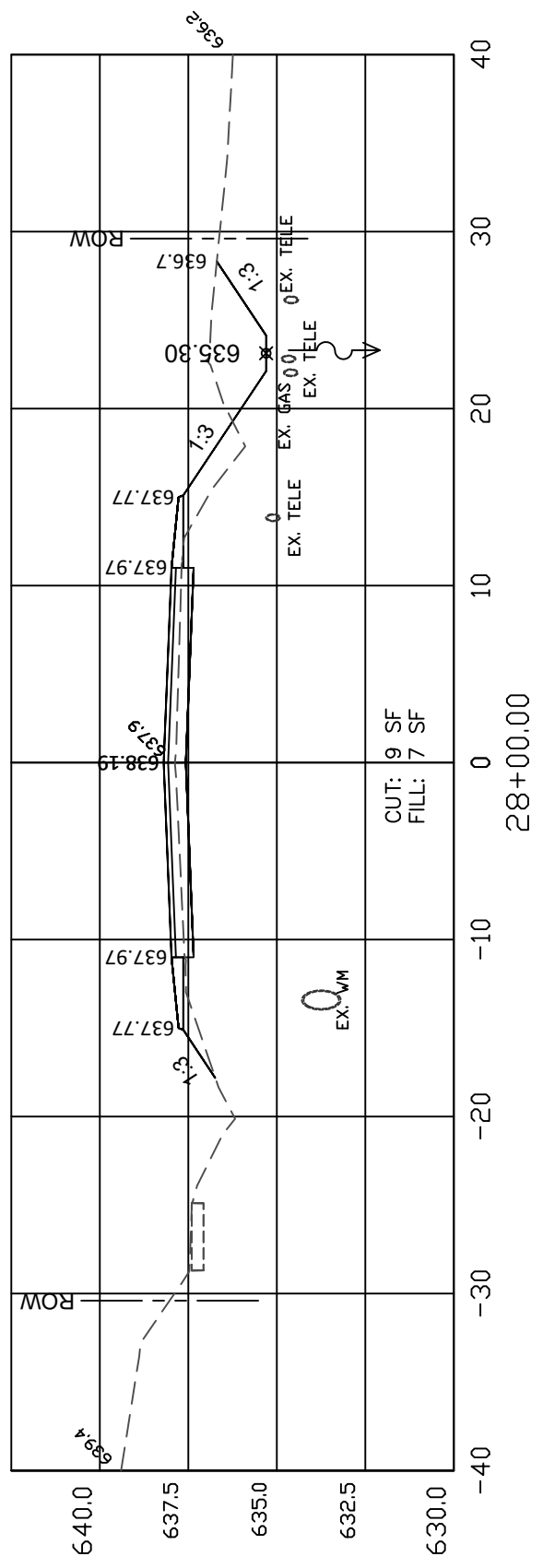
CH 11 CROSS-SECTIONS



F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	57

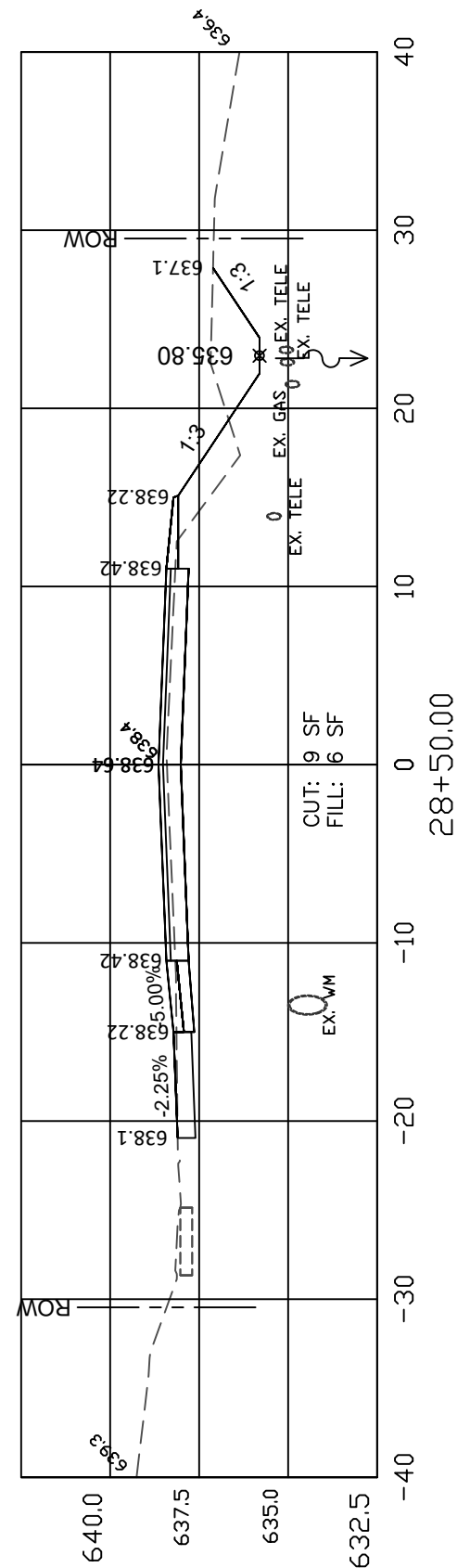
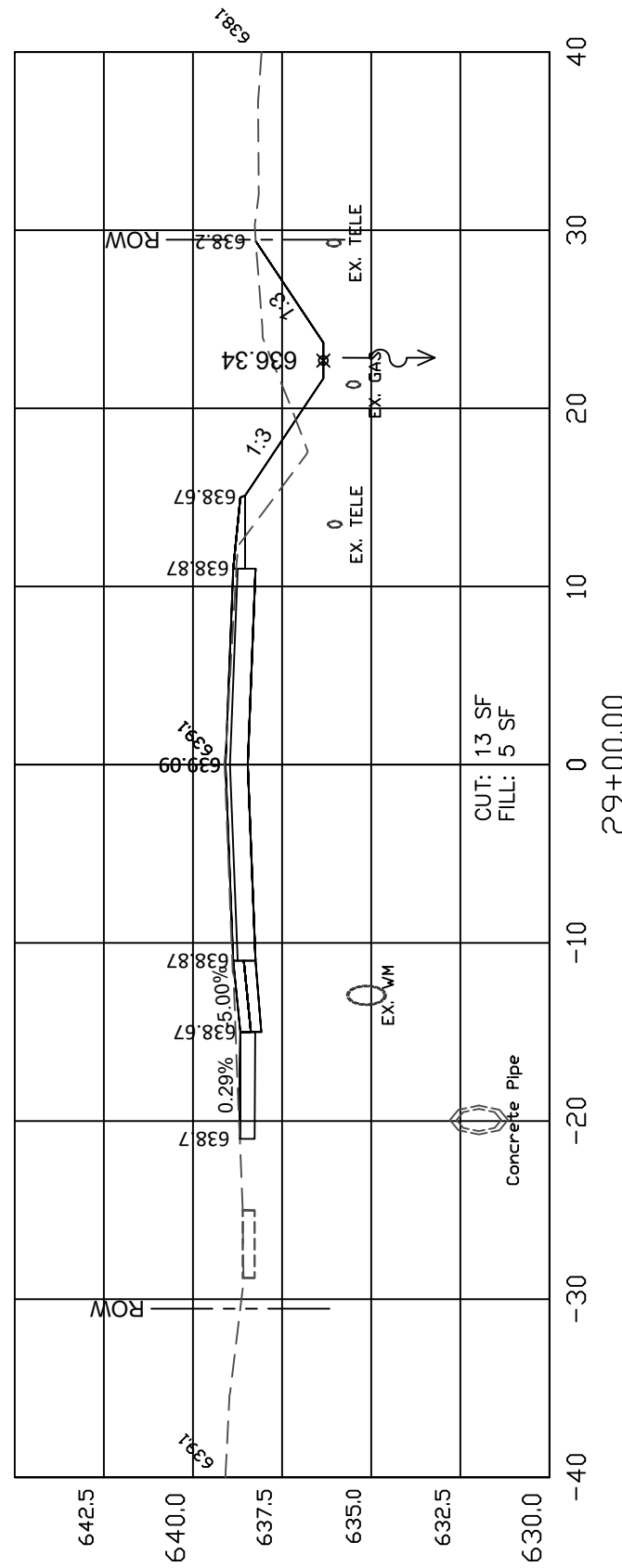
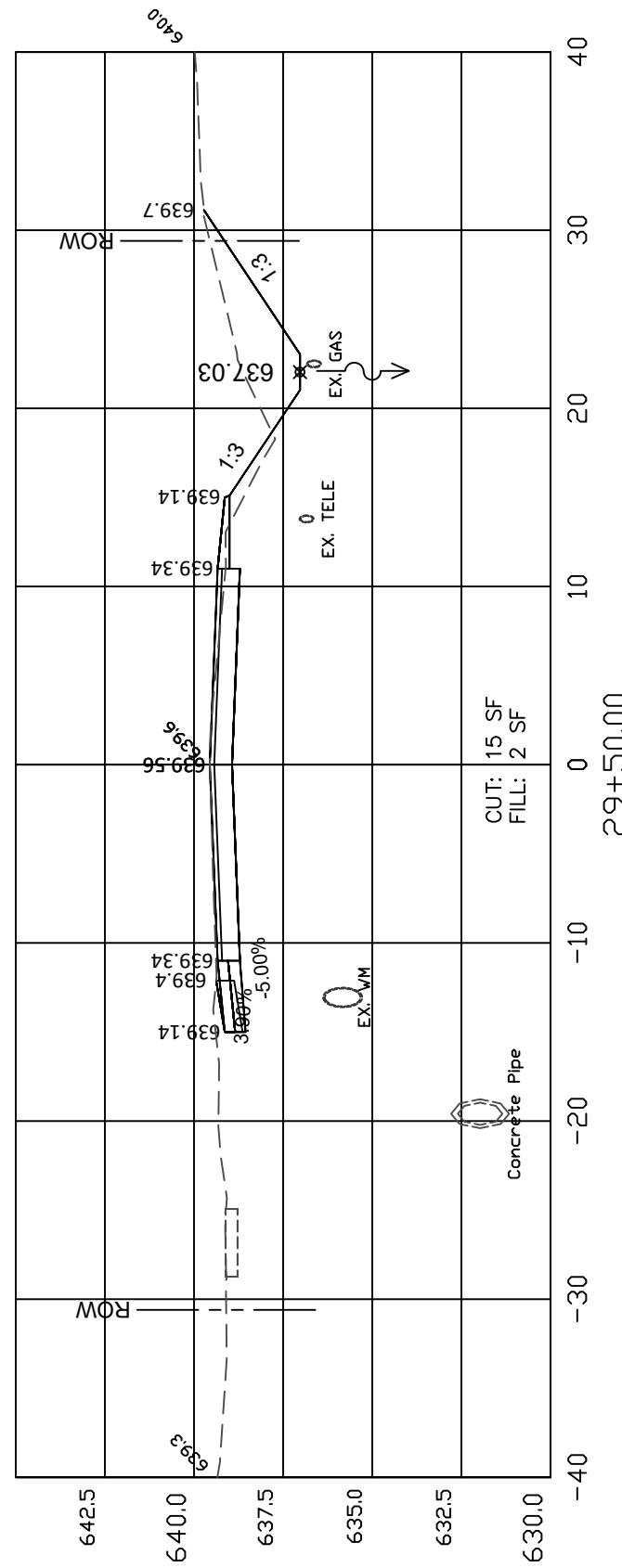
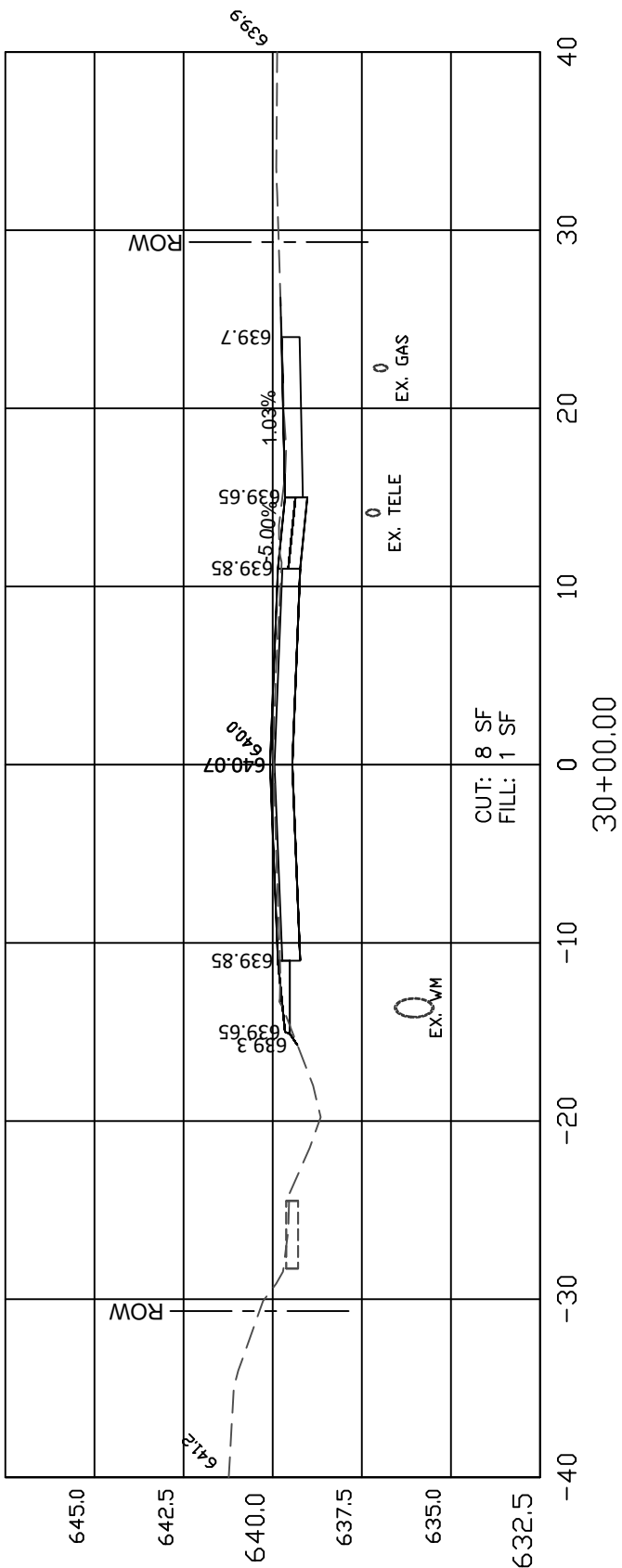


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	58



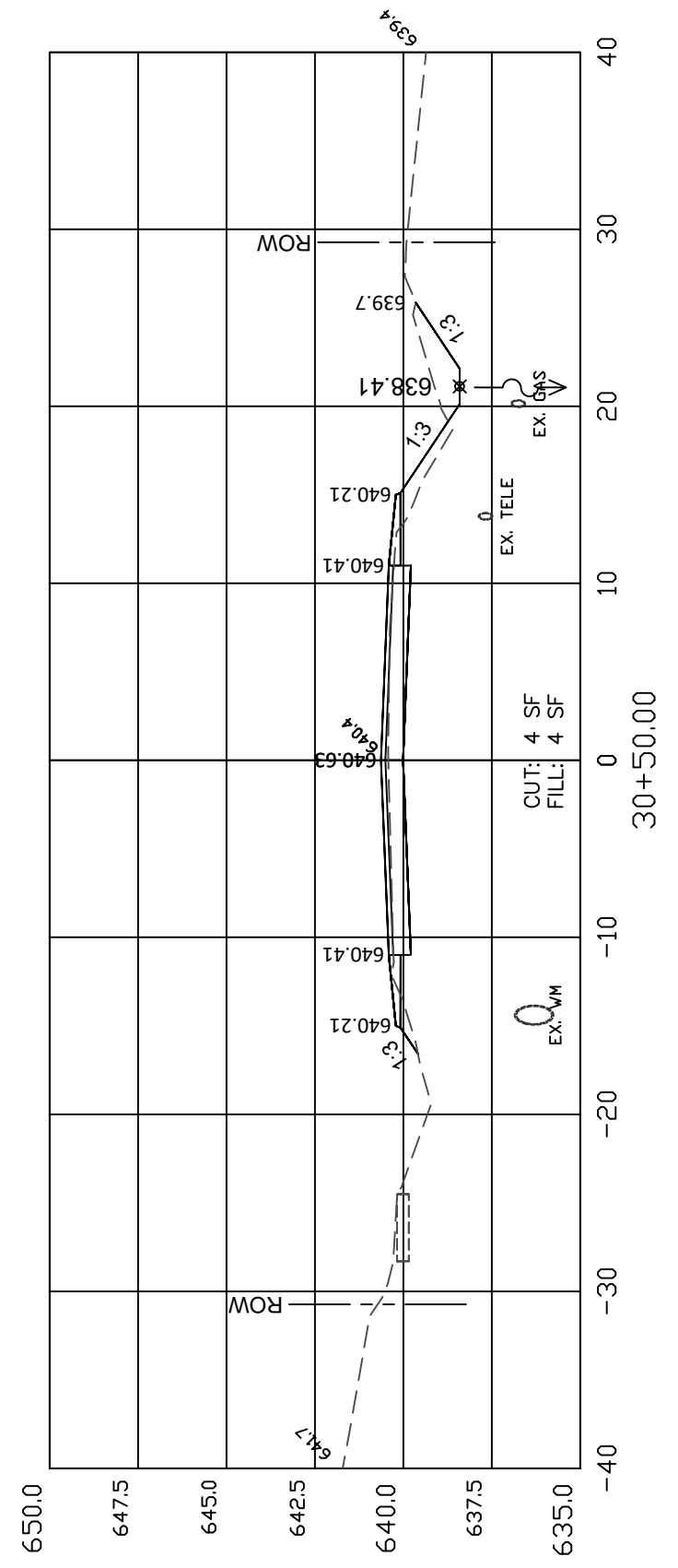
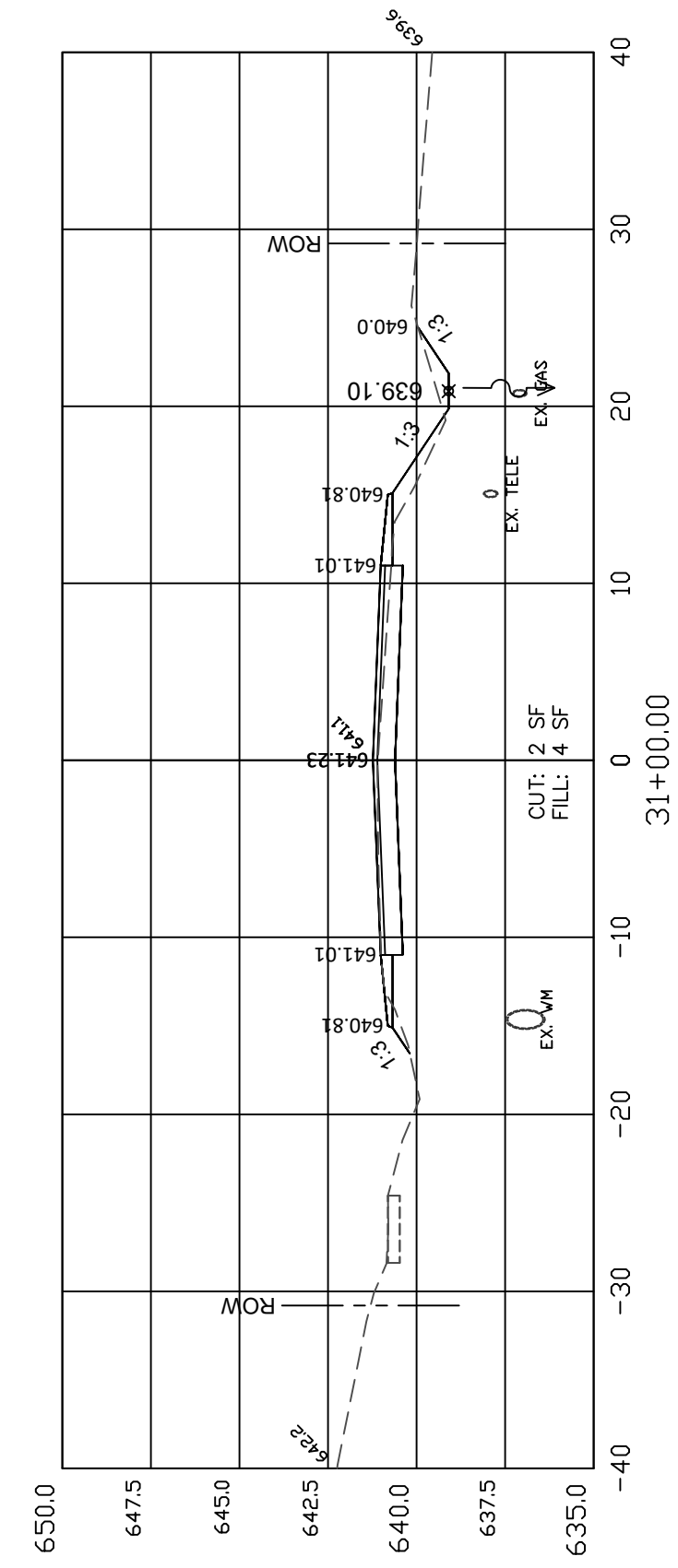
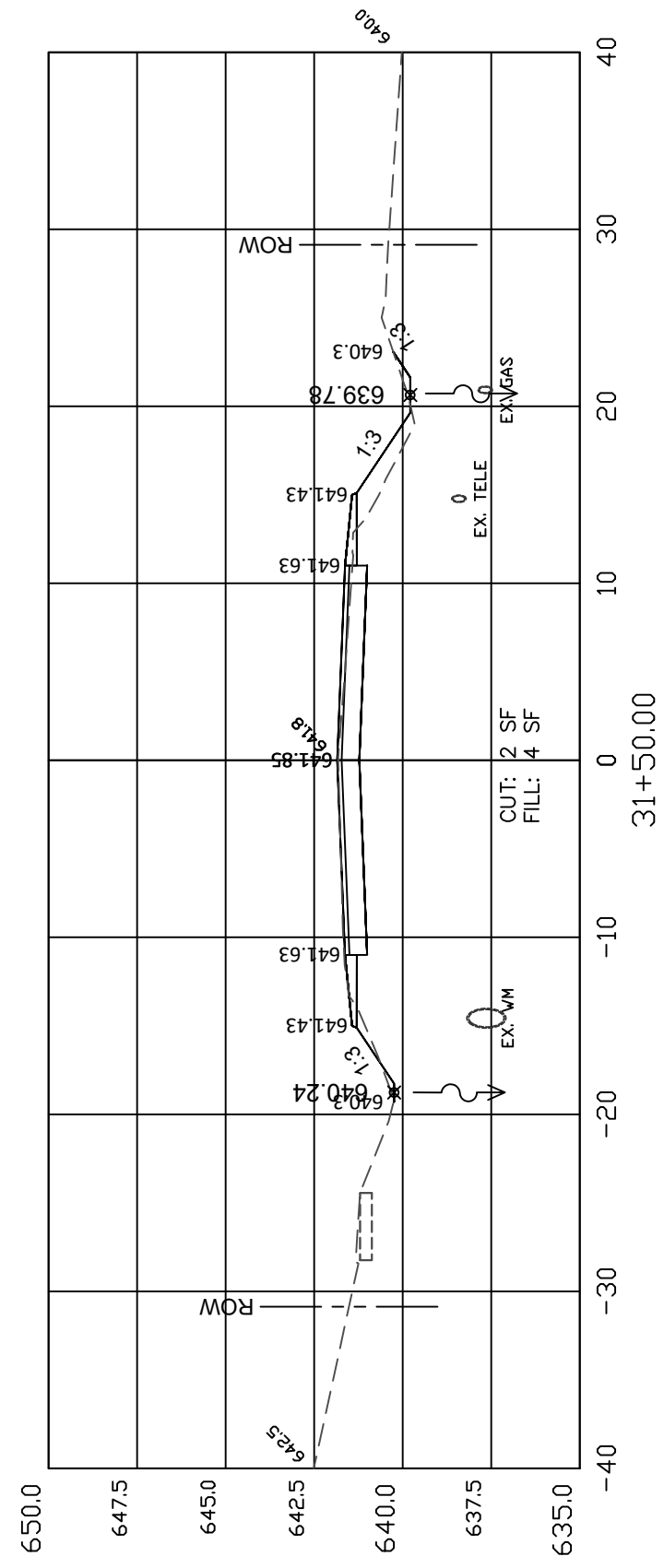
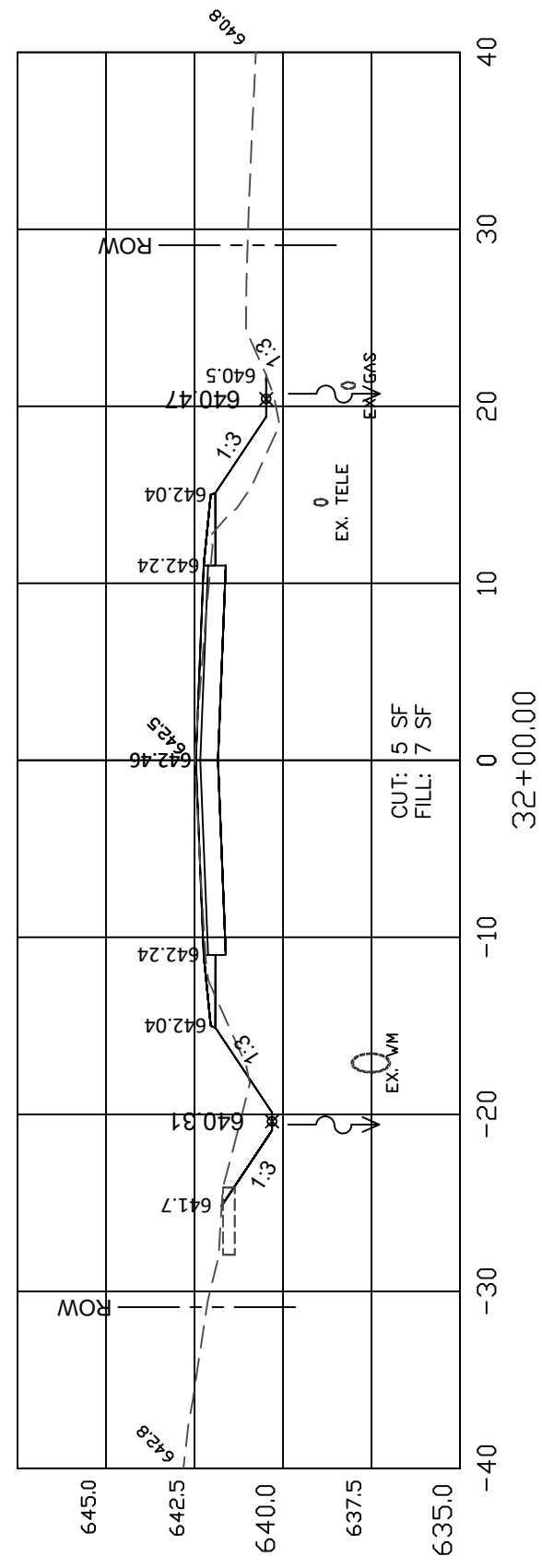
CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	59



CH 11 CROSS-SECTIONS

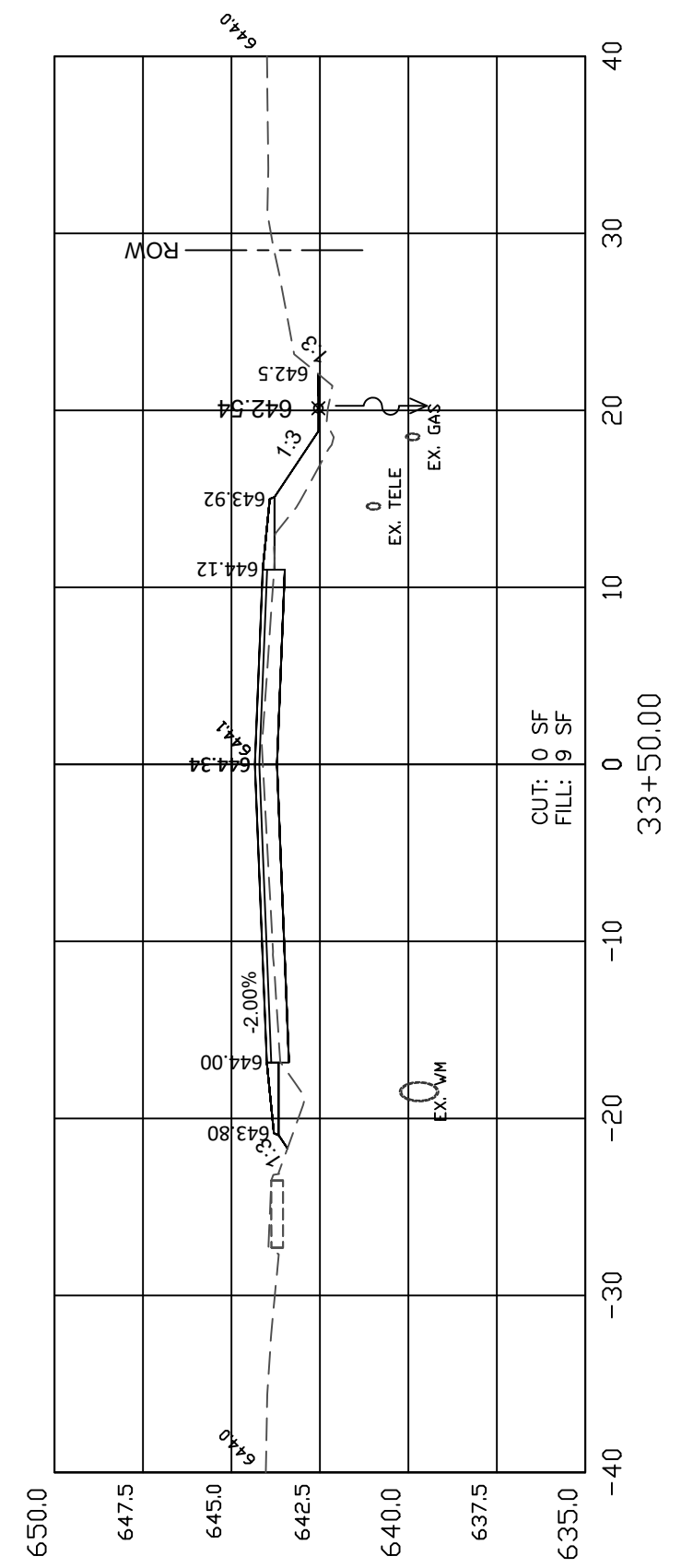
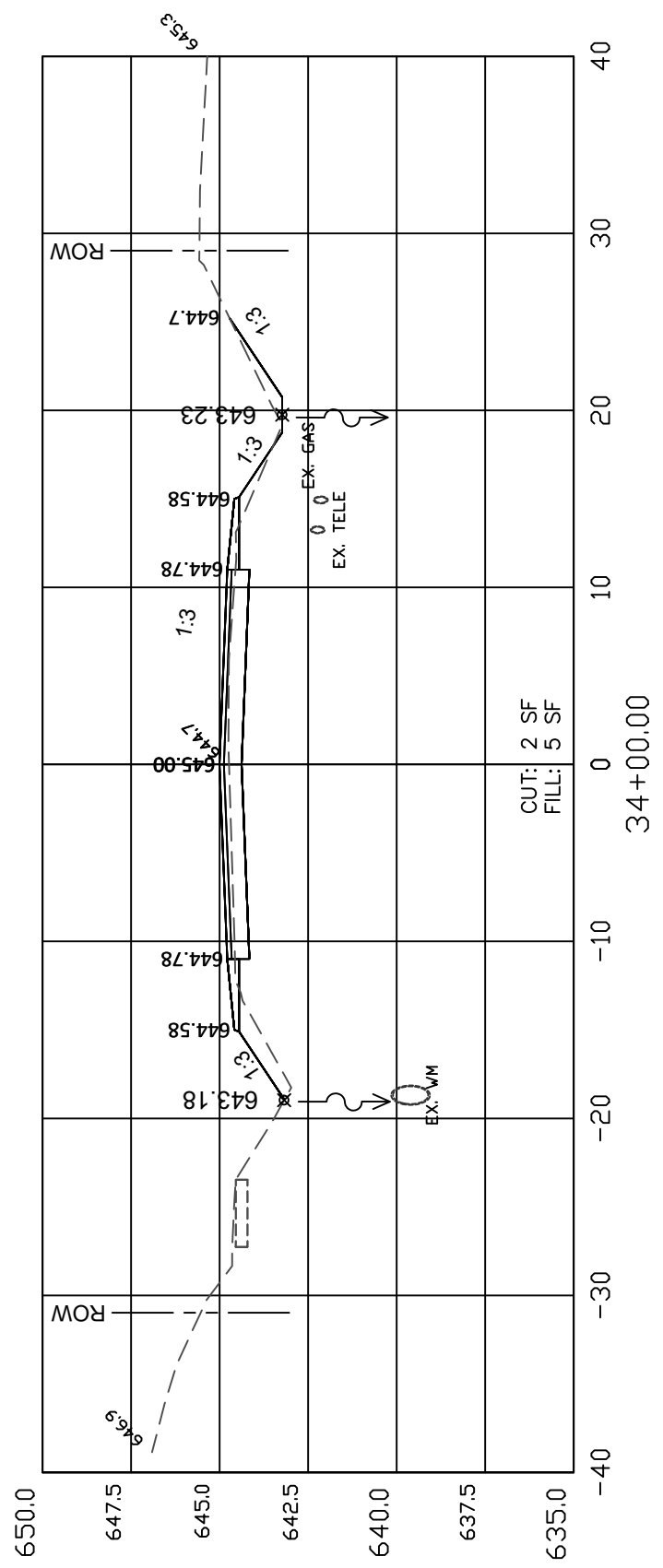
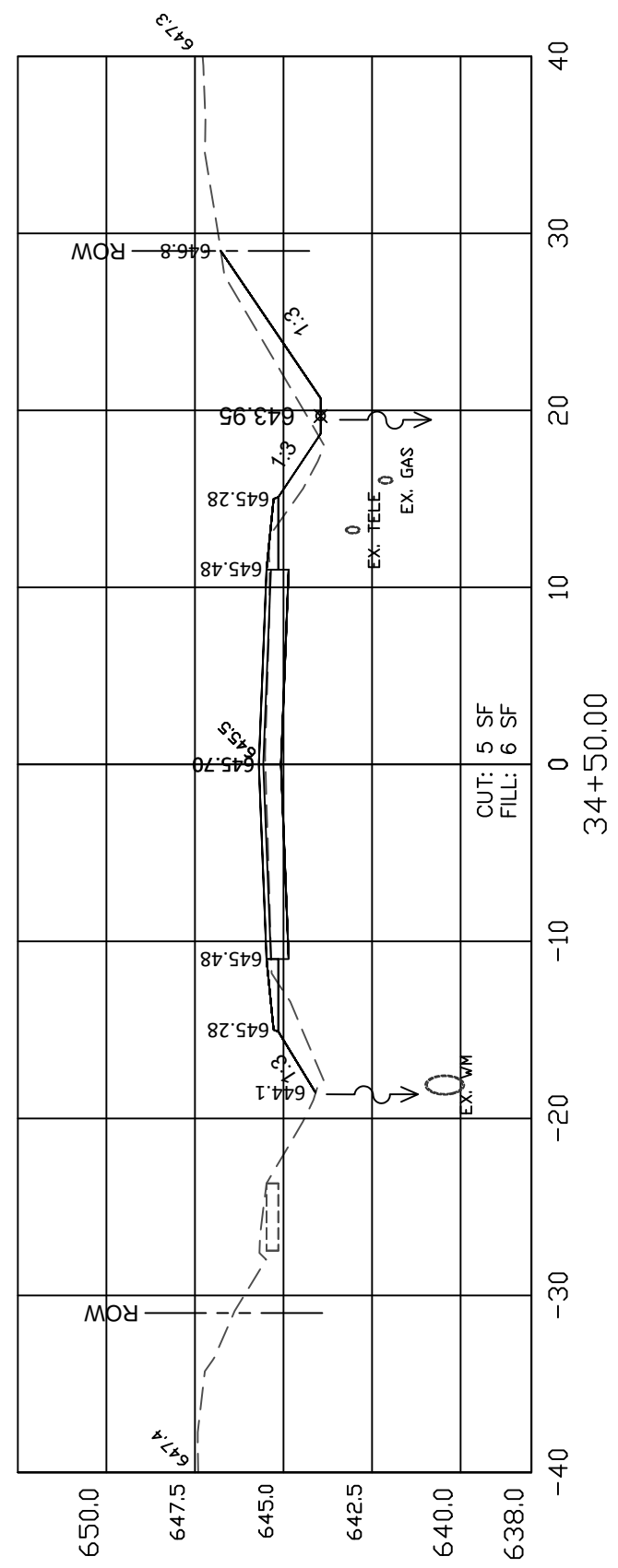
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	60



CH 11 CROSS-SECTIONS

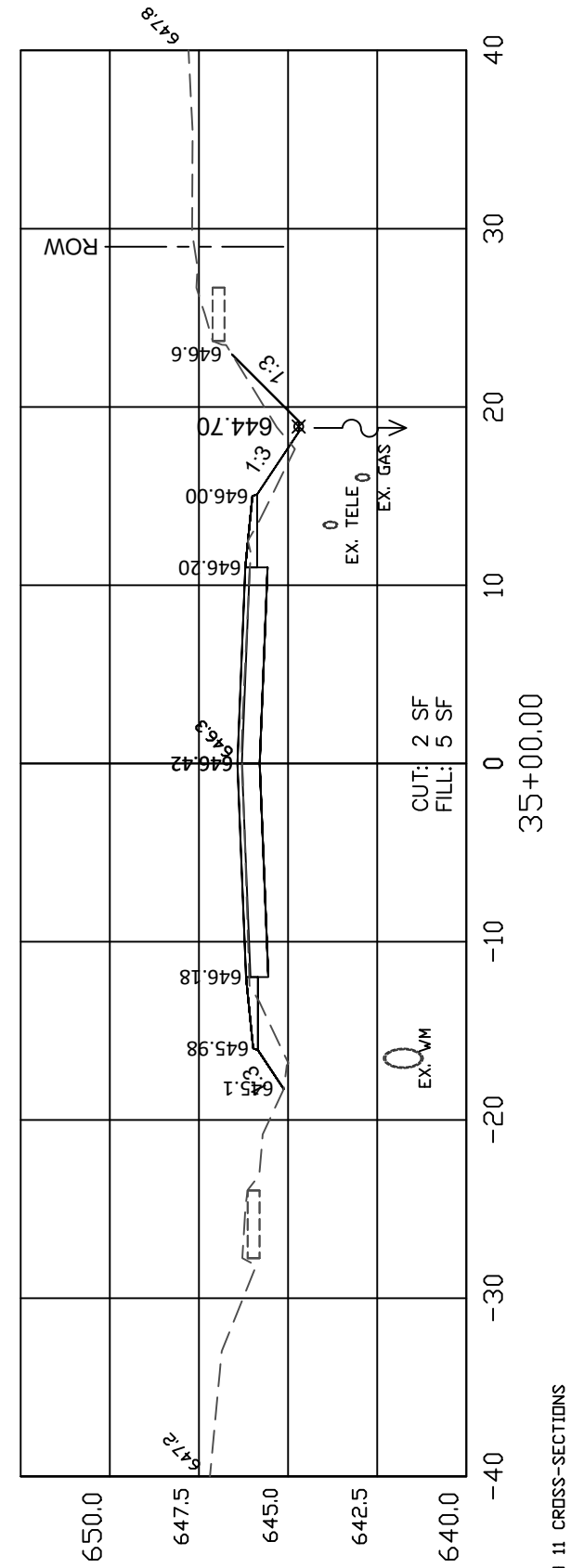
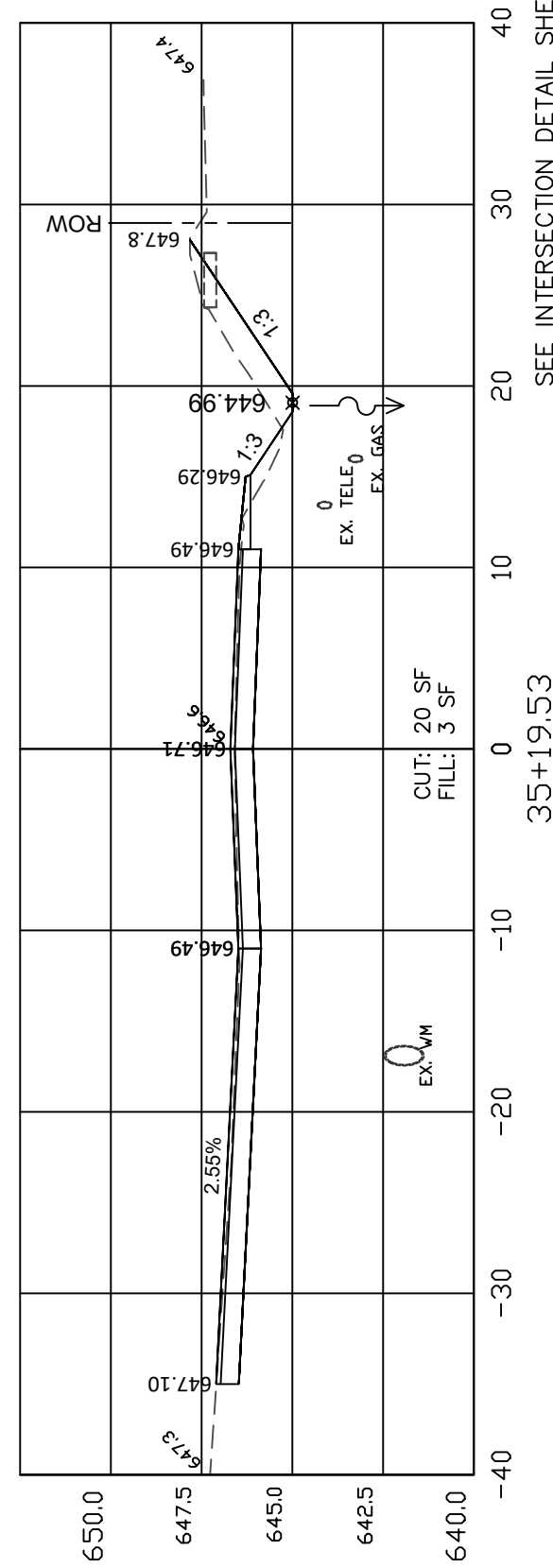
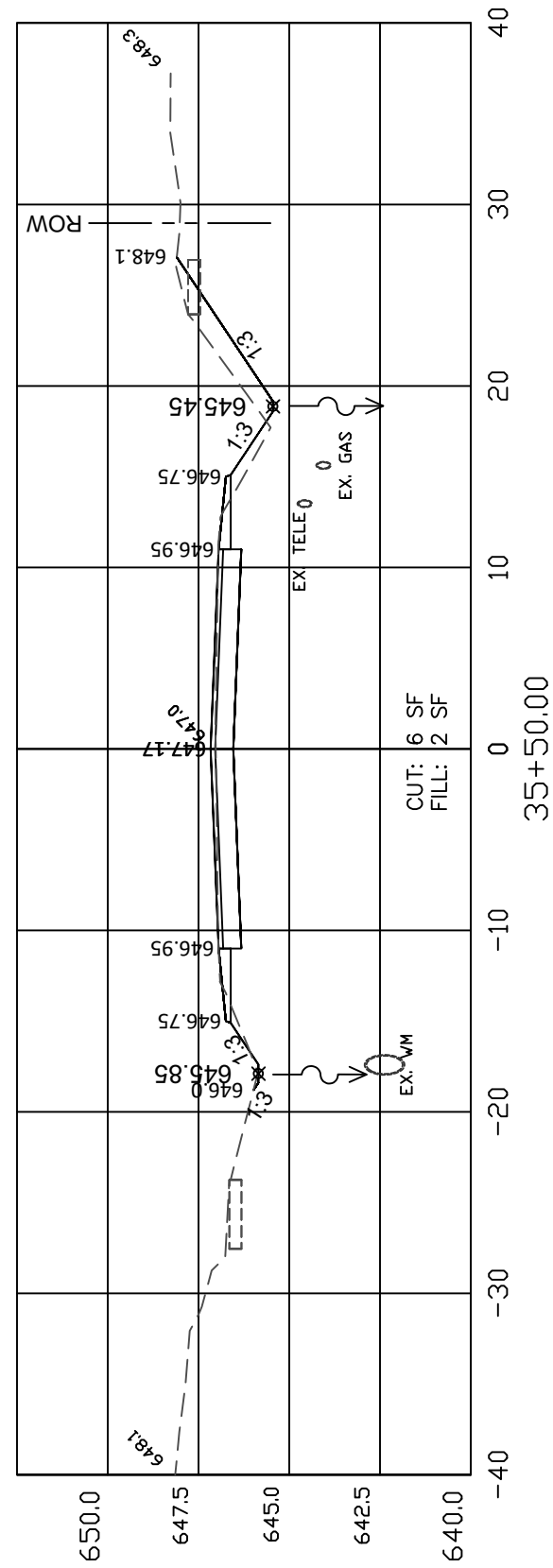
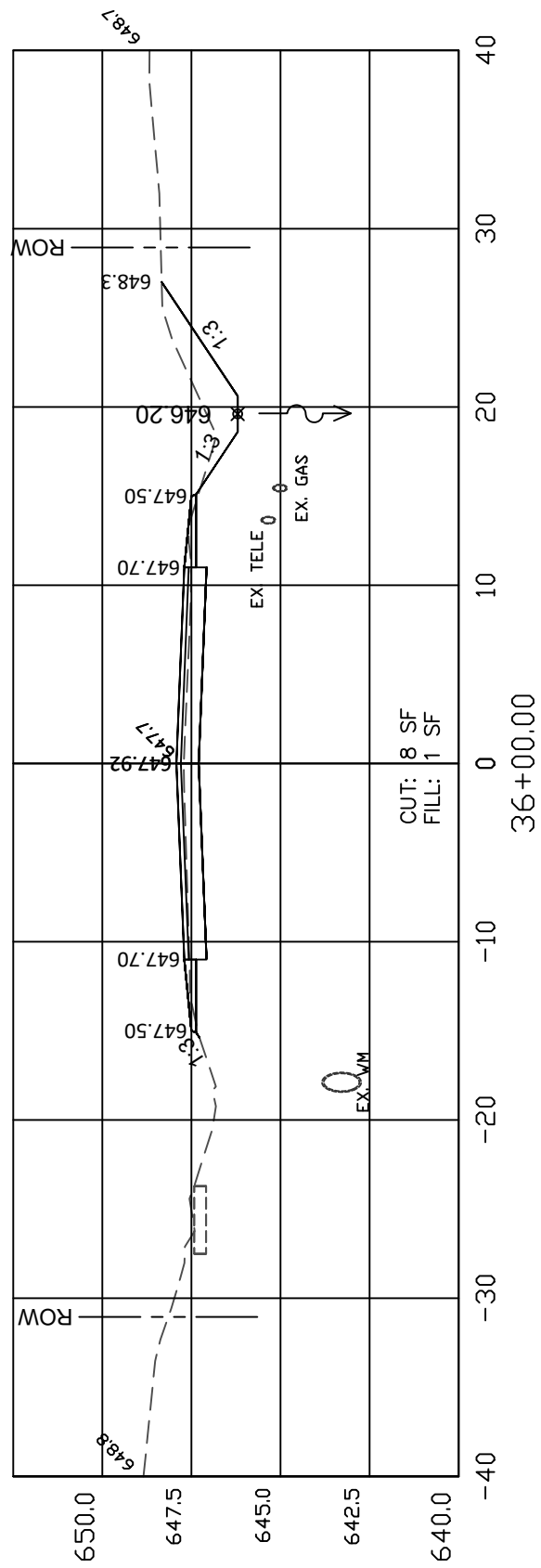


F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	62



CH 11 CROSS-SECTIONS

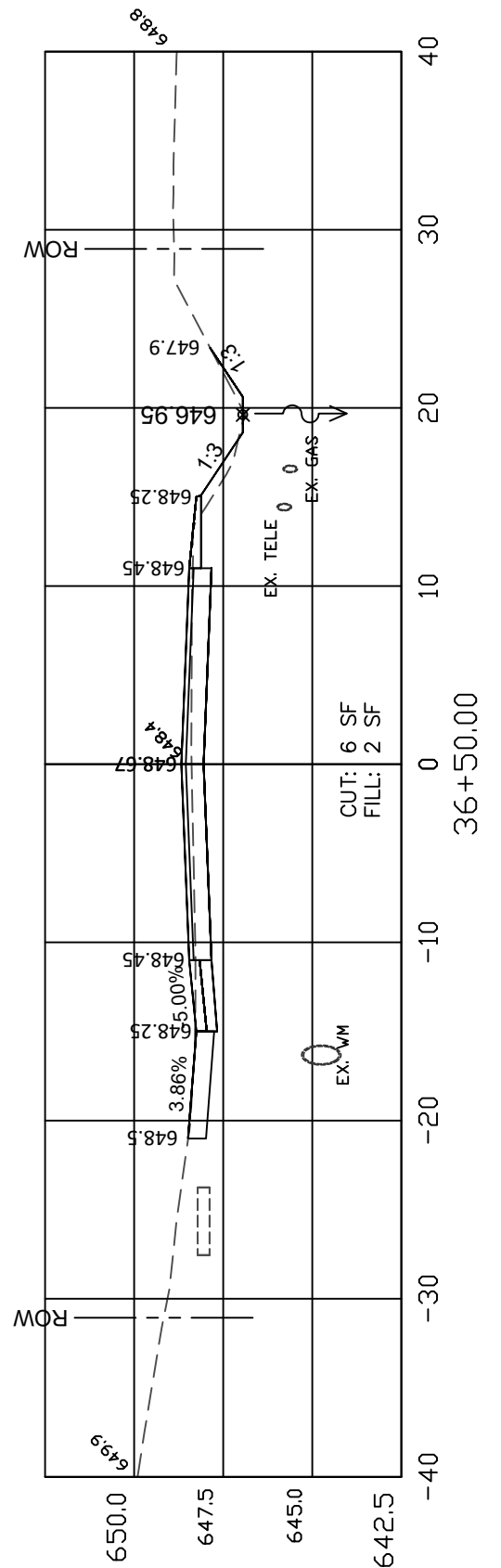
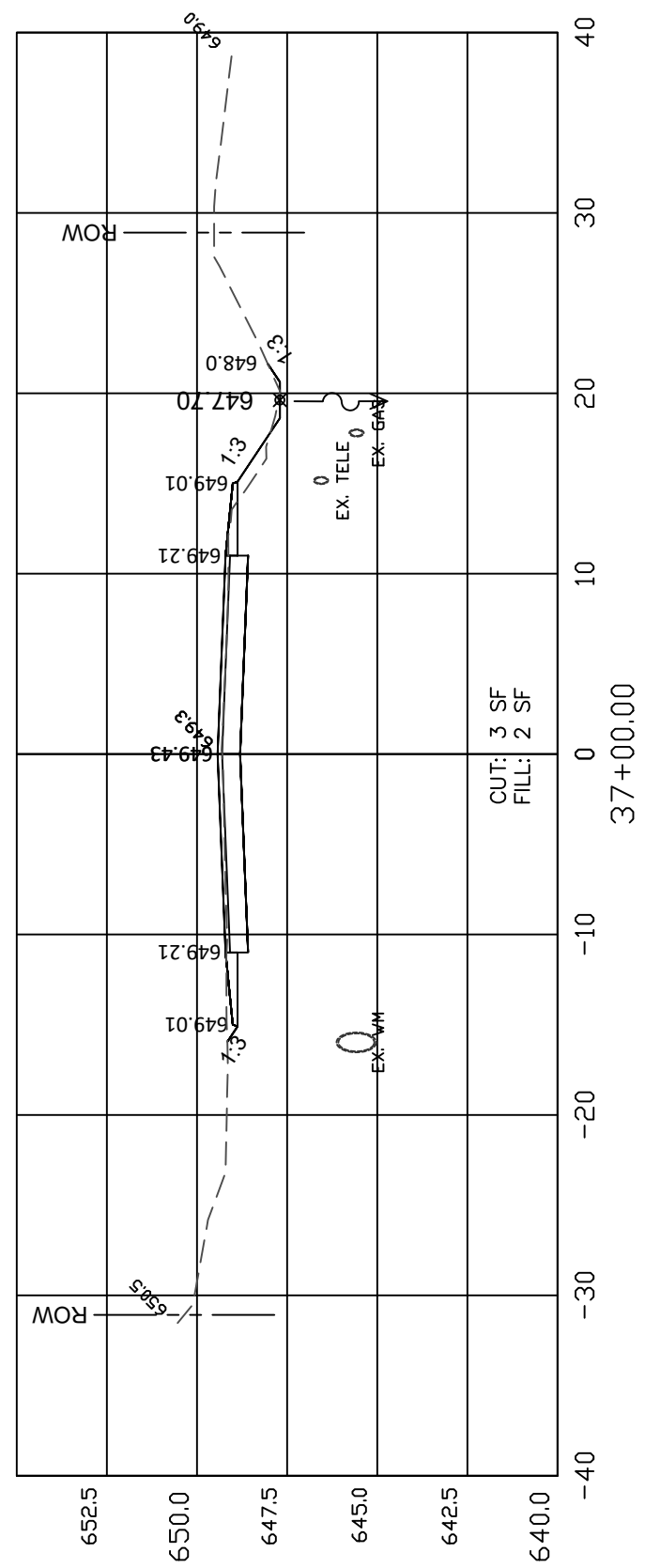
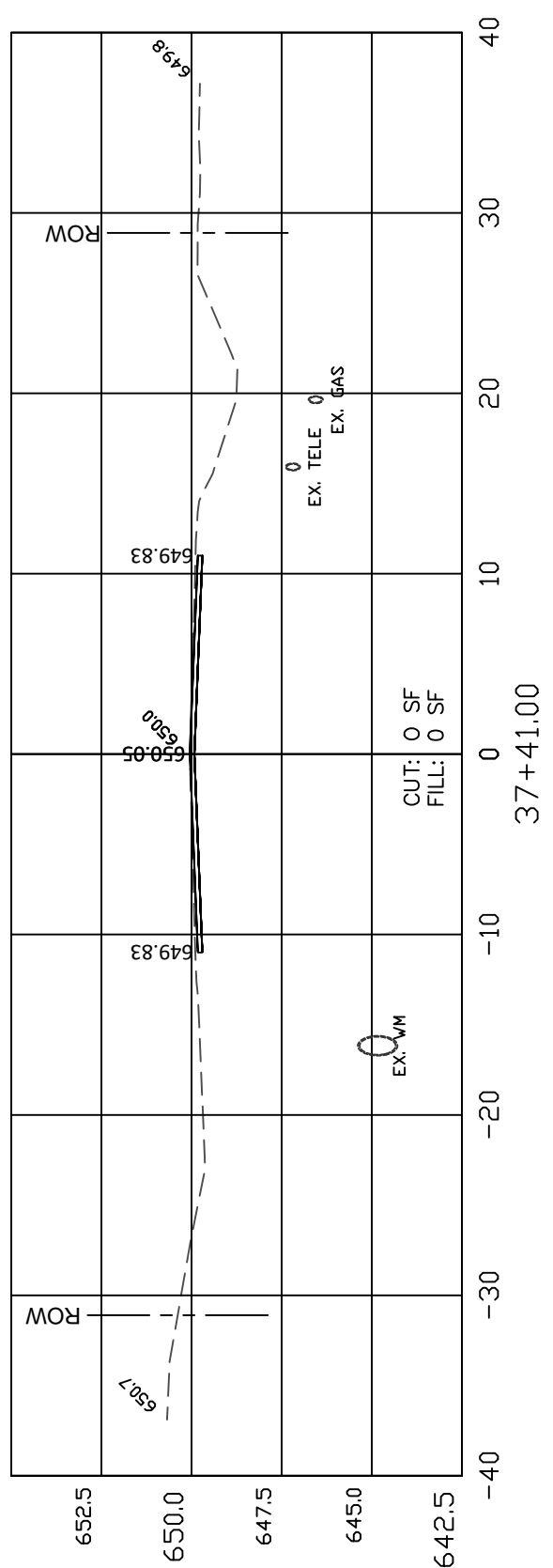
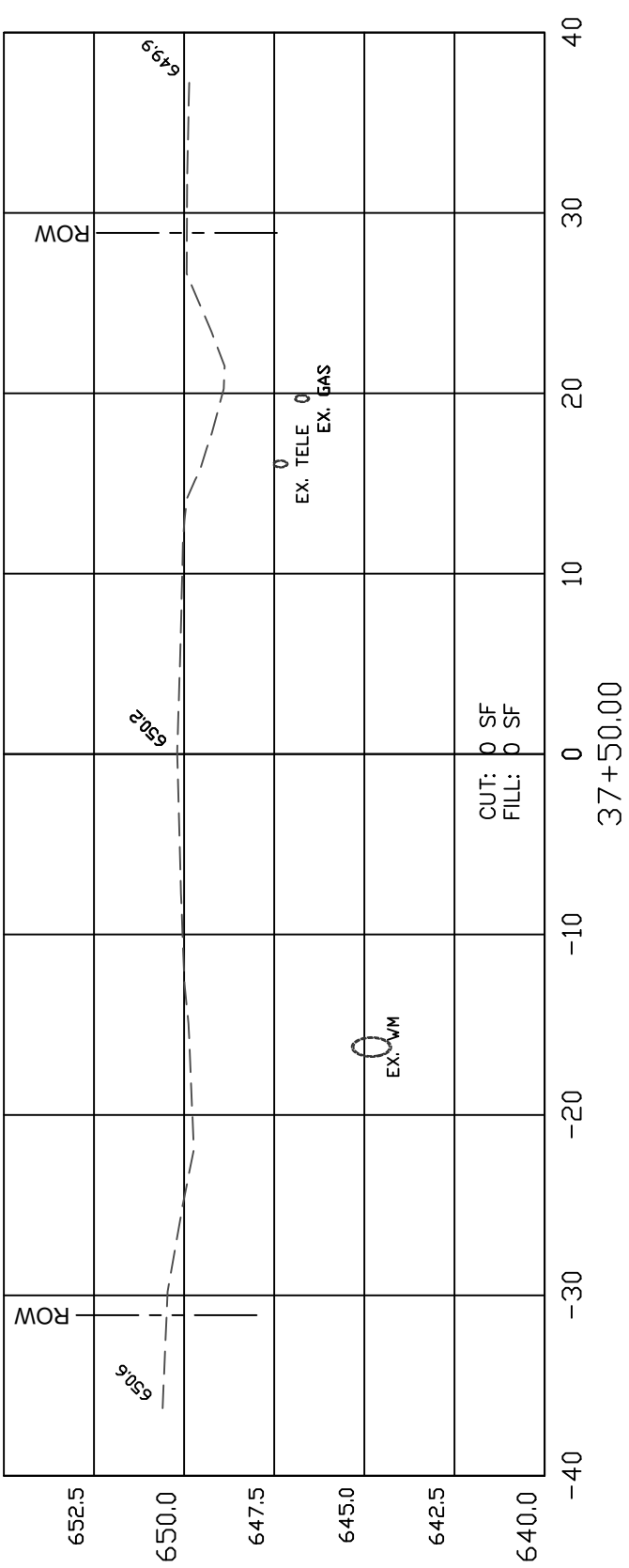
F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	63



SEE INTERSECTION DETAIL SHEETS  
 ⊕ WASHINGTON STREET

CH 11 CROSS-SECTIONS

F.A.S. ROUTE	CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
428	93740	15-00127-00-RS	HANCOCK	64	64



CH 11 CROSS-SECTIONS