

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MOE-7-5.95
JACKSON TOWNSHIP
MONROE COUNTY

PROJECT DESCRIPTION
EMERGENCY SLIP REPAIR BY BENCHING BACK
THE SLOPE. PROJECT LENGTH IS 350 FEET.

Production

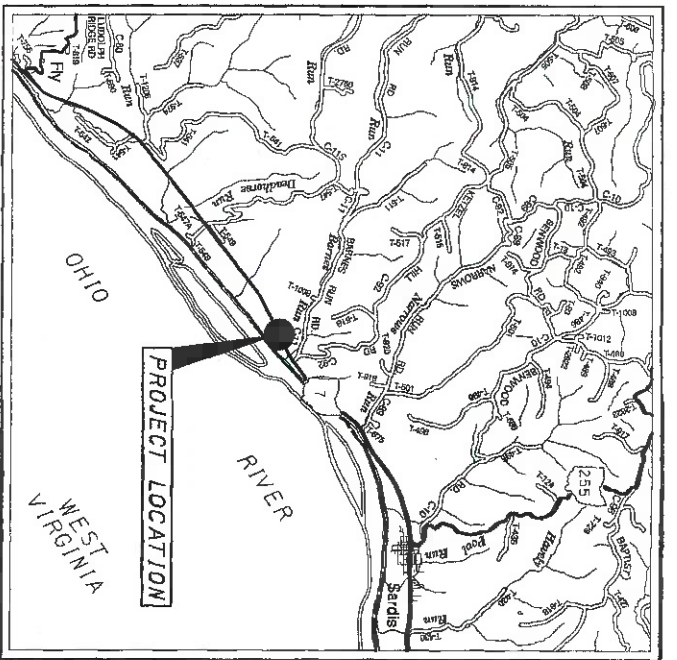
2002 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT MAINTENANCE AND SAFETY OF TRAFFIC WILL BE SET FORTH ON THE PLANS AND ESTIMATES.

INDEX OF SHEETS:

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RIGHT OF WAY	17-18



LATITUDE: 39°36'15" LONGITUDE: 80°57'07"



PORTION TO BE IMPROVED
INTERSTATE & DIVIDED HIGHWAY
UNDIVIDED STATE & FEDERAL ROUTES
OTHER ROADS

DESIGN DESIGNATION

CURRENT ADT (2004) 3600
DESIGN YEAR ADT (2024) 4400
DESIGN HOURLY VOLUME (2024) 484
DIRECTIONAL DISTRIBUTION 50%
TRUCKS (24 HOUR B&C) 15.1%
DESIGN SPEED 55 MPH
LEGAL SPEED 55 MPH

DESIGN FUNCTIONAL CLASSIFICATION -
PRINCIPAL ARTERIAL

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES

TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
CALL 1-800-925-0988 (TOLL FREE)
OHIO OIL AND GAS PRODUCERS
UNDERGROUND PROTECTION
SERVICE (OGUPS)
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:

OHIO DEPARTMENT
OF TRANSPORTATION
DISTRICT 10 - PRODUCTION

TEMPORARY SEDIMENT & EROSION CONTROL DATA
PROJECT EDA: 0.93 ACRES
CONTRACTOR EDA: 0.30 ACRES
TOTAL EDA: 1.23 ACRES
NOT EDA: 4.9 ACRES

STANDARD CONSTRUCTION DRAWINGS

DRAWING NO.	DATE	SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
DM-1.1	7-18-03	802	7-19-02
DM-2.1	7-20-01	832	4-17-04
DM-4.3	7-09-02	833	2-12-03
DM-4.4	7-09-02		
MT-97.10	4-19-02		
MT-101.70	10-18-02		
RM-4.2	4-18-03		
CB-3.2	7-19-02		

ENGINEER'S SEAL:



SIGNED: *E. Gordon*
DATE: 7-29-07

MOE-7-5.95

RAILROAD INVOLVEMENT
NONE

CONSTRUCTION PROJECT NO.

PID NO.
77673

FEDERAL PROJECT NO.
E040 (935)

APPROVED: *Sharon Packer*
DATE: 11-29-07
DIRECTOR, DEPARTMENT OF TRANSPORTATION

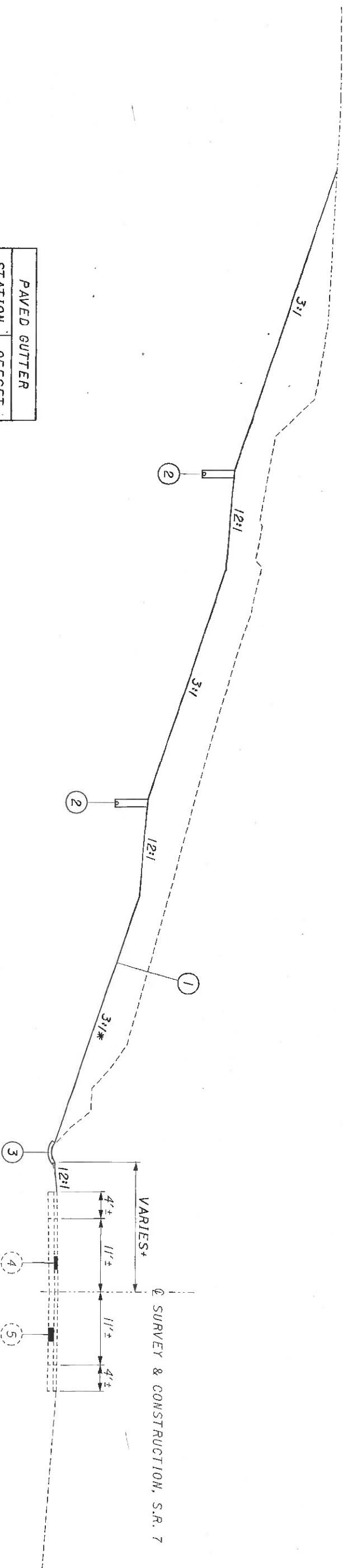
APPROVED: *James M. Collins*
DATE: 1-1-07
DISTRICT DEPUTY DIRECTOR

#158

#158

#158

PAVED GUTTER	STATION	OFFSET
	3/4+52	22.61'
	3/4+75	21.58'
	3/5+00	20.44'
	3/5+25	19.28'
	3/5+50	17.73'
	3/5+75	18.42'
	3/6+00	19.24'
	3/6+25	19.79'
	3/6+50	19.84'
	3/6+75	20.27'
	3/7+00	20.14'
	3/7+25	19.50'
	3/7+50	19.13'
	3/7+75	19.26'



TYPICAL SECTION

LEGEND

- ① ITEM 659 - SEEDING AND MULCHING
- ② ITEM 605 - 6" UNCLASSIFIED PIPE UNDERDRAINS
- ③ ITEM 601 - PAVED GUTTER, TYPE 2
- ④ ASPHALT CONCRETE
- ⑤ REINFORCED CONCRETE

NOTES:
 * - VARIES, SEE CROSS SECTIONS
 + - VARIES, SEE TABLE AT LEFT

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

WASHINGTON ELECTRIC COOPERATIVE, INC.
406 COLEGATE DRIVE
MARIETTA, OHIO 45750
JOEL VALLEY 740-373-2141

SBC TELEPHONE
3935 NORTHPOINTE ROAD
ZANESVILLE, OHIO 43701-7361
SANDI RANDOLPH 740-454-3455

MONROE WATER SYSTEMS
43022 SIX POINTS
P.O. BOX 15
LAINGS, OHIO 43752
JAMES MURRAY 740-472-1030

NORTHERN INDUSTRIAL ENERGY DEVELOPMENT
5900 MAYFAIR ROAD
N. CANTON, OHIO 44720
RANDY OGDON 330-936-2217 (CELL)

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ELEVATION DATUM

ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SPRING DRAINS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR DRAINING ANY SPRINGS SHOWN IN THE PLAN OR ENCOUNTERED DURING CONSTRUCTION. THE FOLLOWING TYPES OF PIPES MAY BE USED: 707.33, 707.41, 707.42 or 707.45 PERFORATED PER 707.31.

SPRING DRAINS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD CONSTRUCTION DRAWING DW-11 AND PAID FOR AT THE CONTRACT PRICE FOR:

605, 6" UNCLASSIFIED PIPE UNDERDRAINS, FOR SPRINGS 100 FT.

605, AGGREGATE DRAINS FOR SPRINGS 50 FT.

604, PRECAST REINFORCED CONCRETE OUTLET 2 EACH

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

THE CONTRACTOR SHALL MAINTAIN ALL SEEDED AND MULCHED AREAS UNTIL THE PROJECT IS FINALIZED. THE REPAIRS SHALL BE MADE PRIOR TO COMPLETION OF THE PROJECT BY THE USE OF REPAIR SEEDING AND MULCHING AND INTERSEEDING. PERFORMANCE BY SUPPLEMENTAL AGREEMENT SHALL BE WAIVED.

ITEM 614 - BARRIER REFLECTORS AND/OR OBJECT MARKERS
BARRIER REFLECTORS AND/OR OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE CONCRETE BARRIER USED FOR TRAFFIC CONTROL. BARRIER REFLECTORS, OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO ITEM 626 EXCEPT THAT THE SPACING SHALL BE 50 FEET.

ITEM 614 - WORK ZONE IMPACT ATTENUATOR, (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING EITHER OF THE FOLLOWING IMPACT ATTENUATORS:

1) THE QUADGUARD CZ, (24" WIDE 6-BAY) WORK ZONE IMPACT ATTENUATOR MANUFACTURED BY ENERGY ABSORPTION SYSTEMS, INC.; ONE EAST WACKER DRIVE, CHICAGO, IL 60601 (TELEPHONE: 312-467-6750).

THE LENGTH OF THE 6-BAY QUADGUARD CZ IS 20'-9". INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOP DRAWINGS:

DWG. NO.	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
QSCZCVR-T4	QUADGUARD CZ SYSTEM FOR CONSTRUCTION ZONES	5/13/99 Rev. J	8/27/99
35-40-10	QUADGUARD SYSTEM CONCRETE PAD, CZ, OG	11/19/97 Rev. D	8/27/99
35-40-16	QUADGUARD SYSTEM BACKUP ASSEMBLY, CZ, OG	7/30/99 Rev. F	8/27/99
354051Z	QUADGUARD CZ SYSTEM NOSE ASSEMBLY, CZ, OG, 24,30,36	5/17/99	8/27/99
35-40-18	TRANSITION ASSEMBLY, 4 OFFSET, OG	6/25/99 Rev. F	8/27/99
3540260	QUADGUARD SYSTEM PCMB ANCHOR ASSEMBLY	11/19/97 Rev. C	8/27/99

2) THE TRACG (TRINITY ATTENUATING CRASH CUSHION) MANUFACTURED BY TRINITY INDUSTRY, 1170 N. STATE STREET, GIRARD, OHIO 44420 (TELEPHONE: 330-545-4373).

THE TRACG IS 21'-0" LONG AND 2'-7" WIDE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOP DRAWINGS:

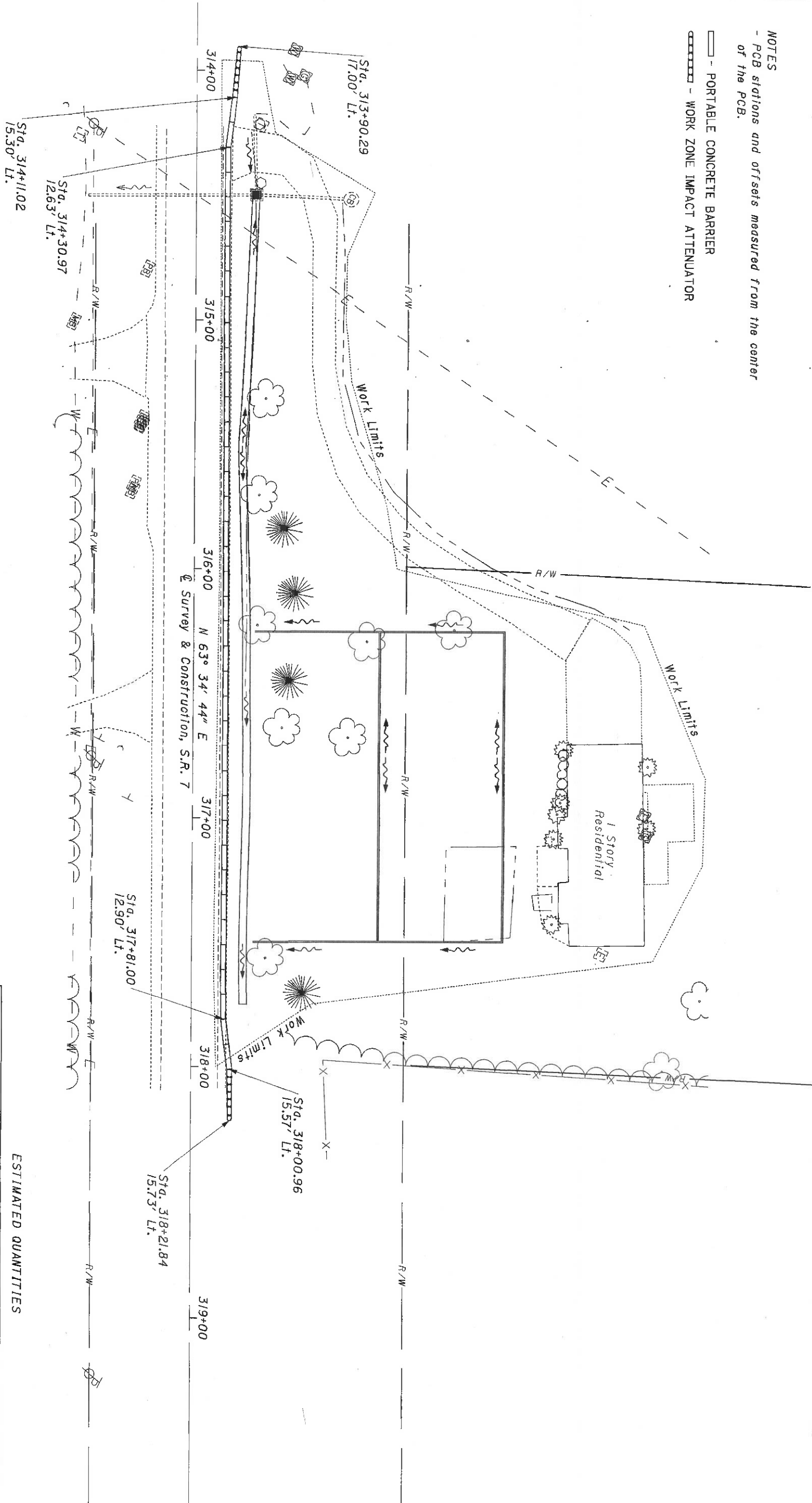
DWG. NO.	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
SS450	CRASH-CUSHION ATTENUATING TERMINAL PLAN, ELEVATION & SECTIONS	3/12/99 Rev. I	8/27/99
SS455	TRACG TRANSITION TO W-BEAM MEDIAN BARRIER PLAN, ELEVATION & SECTIONS	2/18/99	8/27/99
SS461	TRACG TRANSITION TO CONCRETE SAFETY SHAPE BARRIER PLAN, ELEVATION & SECTIONS	6/30/99 Rev. I	8/27/99
SS462	TRACG TRANSITION TO CONCRETE BARRIER SINGLE SLOPE PLAN, ELEVATION & SECTIONS	6/30/99	8/27/99

3) THE GREAT CZ IMPACT ATTENUATOR MANUFACTURED BY ENERGY ABSORPTION SYSTEMS INC. THIS ATTENUATOR MAY BE USED UNTIL JANUARY 1, 2007 IF THE ITEM WAS PURCHASED BEFORE OCTOBER 1, 1998 AND IS IN THE CONTRACTOR'S INVENTORY.

THE CONTRACTOR SHALL PROVIDE A REPLACEMENT UNIT WHEN AN IMPACT IS SEVERE ENOUGH TO REQUIRE COMPLETE REPLACEMENT OF THE ATTENUATOR. THE CONTRACTOR SHALL HAVE A SPARE PARTS PACKAGE AVAILABLE ON THE PROJECT SITE AT ALL TIMES WHEN AN ATTENUATOR IS IN PLACE. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF ONE COMPLETE SPARE PARTS PACKAGE FOR EVERY 1 TO 6 UNITS INSTALLED ON THE PROJECT SITE. FOR EXAMPLE, 5 INSTALLED UNITS REQUIRE 1 SPARE PARTS PACKAGE AND 7 INSTALLED UNITS REQUIRE 2 SPARE PARTS PACKAGES.

WHEN BI-DIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS. PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 614 WORK ZONE IMPACT ATTENUATOR, (UNIDIRECTIONAL OR BIDIRECTIONAL), EACH, AND SHALL INCLUDE TO CONSTRUCT, MAINTAIN, REPAIR, REPLACE OR RELOCATE A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

NOTES
 - PCB stations and offsets measured from the center of the PCB.
 □ - PORTABLE CONCRETE BARRIER
 ▤ - WORK ZONE IMPACT ATTENUATOR



ESTIMATED QUANTITIES

STA. TO STA.	SIDE	ESTIMATED QUANTITIES	
		Each	Ft.
314+40.28 To 318+21.84	LT	Object Markers, Two Way (@ 50' Spacing)	614
		Barrier Reflector, Type B2 (@ 50' Spacing)	614
		Work Zone Impact Attenuator (Bidirectional)	614
		Portable Concrete Barrier, 32"	622
Totals			
		8	8
		8	8
		2	2
			340

STATION	END AREA		VOLUME		SEEDING END WIDTH (FT.)	SEEDING AREA (SQ. YD.)
	CUT (SQ. FT.)	FILL (SQ. FT.)	CUT (CU. YD.)	FILL (CU. YD.)		
3/4+00	0	0	8	0	0	36
3/4+25	18	0	21	1	26	106
3/4+50	28	1	39	1	50	146
3/4+75	57	2	62	1	55	153
3/5+00	77	1	71	1	55	157
3/5+25	76	2	85	3	58	171
3/5+50	108	4	122	2	65	192
3/5+75	155	1	104	1	73	210
3/6+00	70	0	204	0	78	318
3/6+25	370	0	420	0	151	436
3/6+50	537	0	567	1	163	463
3/6+75	687	1	684	1	170	474
3/7+00	791	1	756	1	171	478
3/7+25	841	1	758	1	173	475
3/7+50	796	1	381	1	169	296
3/7+75	28	1	13	1	44	61
3/8+00	0	0			0	
TOTAL			4295	16		4172

ITEM 659 - COMMERCIAL FERTILIZER

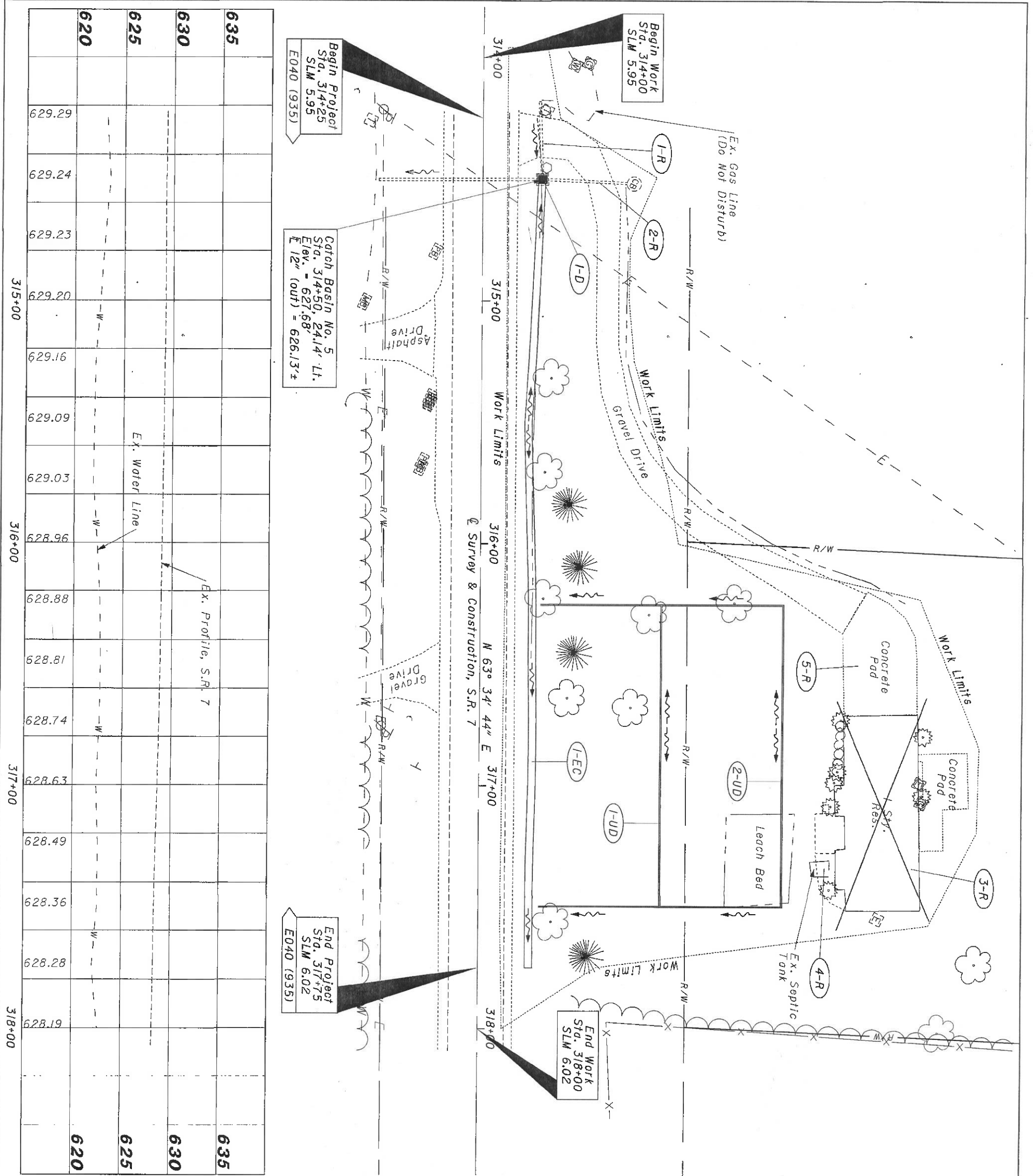
4172 x 0.00009 = 0.38 TON
 A TOTAL OF 0.38 TON TO BE CARRIED TO THE GENERAL SUMMARY

ITEM 659 - LIME

4172 x 9 / 43560 = 0.86 ACRE
 A TOTAL OF 0.86 ACRE TO BE CARRIED TO THE GENERAL SUMMARY

ITEM 659 - WATER

4172 x 0.0027 = 11.3 MGAL
 A TOTAL OF 11 MGAL TO BE CARRIED TO THE GENERAL SUMMARY



620	625	630	635
629.29			
629.24			
629.23			
629.20			
629.16			
629.09			
629.03			
628.96			
628.88			
628.81			
628.74			
628.63			
628.49			
628.36			
628.28			
628.19			
620	625	630	635

REF NO.	STATION		SIDE	202	202	202	202	202	603	604	604	605	601
	FROM	TO		Pipe Removed, 24" And Under	Catch Basin Removed	Building Demolished: 1 Story Residential	Septic Tank Removed	Removal Misc.: Concrete Pad	6" Conduit, Type F	Catch Basin No. 5	Precast Reinforced Concrete Outlet	6" Unclassified Pipe Underdrain, 707.31	Paved Gutter, Type 2
			Ft	Each	Each	Each	Sq. Yd.	Ft	Each	Each	Ft	Ft	
1-R	314+18.04	314+50.11	LT	30	1								
2-R	314+50.70	314+51.97	LT	33	1								
3-R	316+70	317+51	LT			1							
4-R		317+35	LT				1						
5-R	316+20	316+70	LT				145						
1-UD	316+25	317+50	LT					100		2	125		
2-UD	316+50	317+50	LT					104			125		
1-EC	314+52	317+75	LT							1		323	
1-D		314+50	LT										
TOTALS CARRIED TO GENERAL SUMMARY				63	2	1	1	145	204	1	2	250	323

MOE-7-5.95

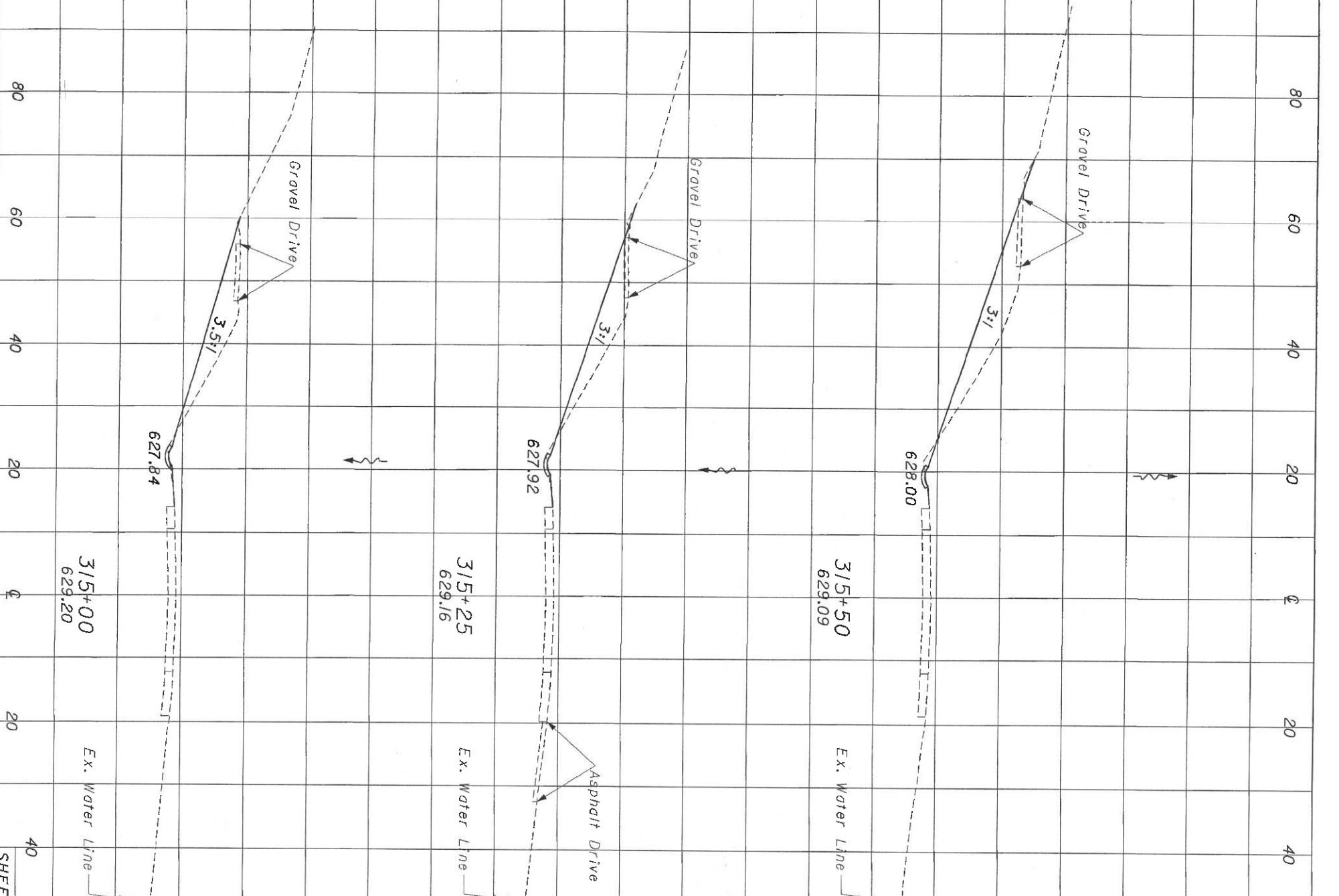
**PLAN AND PROFILE
STA. 314+00 TO STA. 318+00**

CALCULATED
CHECKED

HORIZONTAL SCALE IN FEET

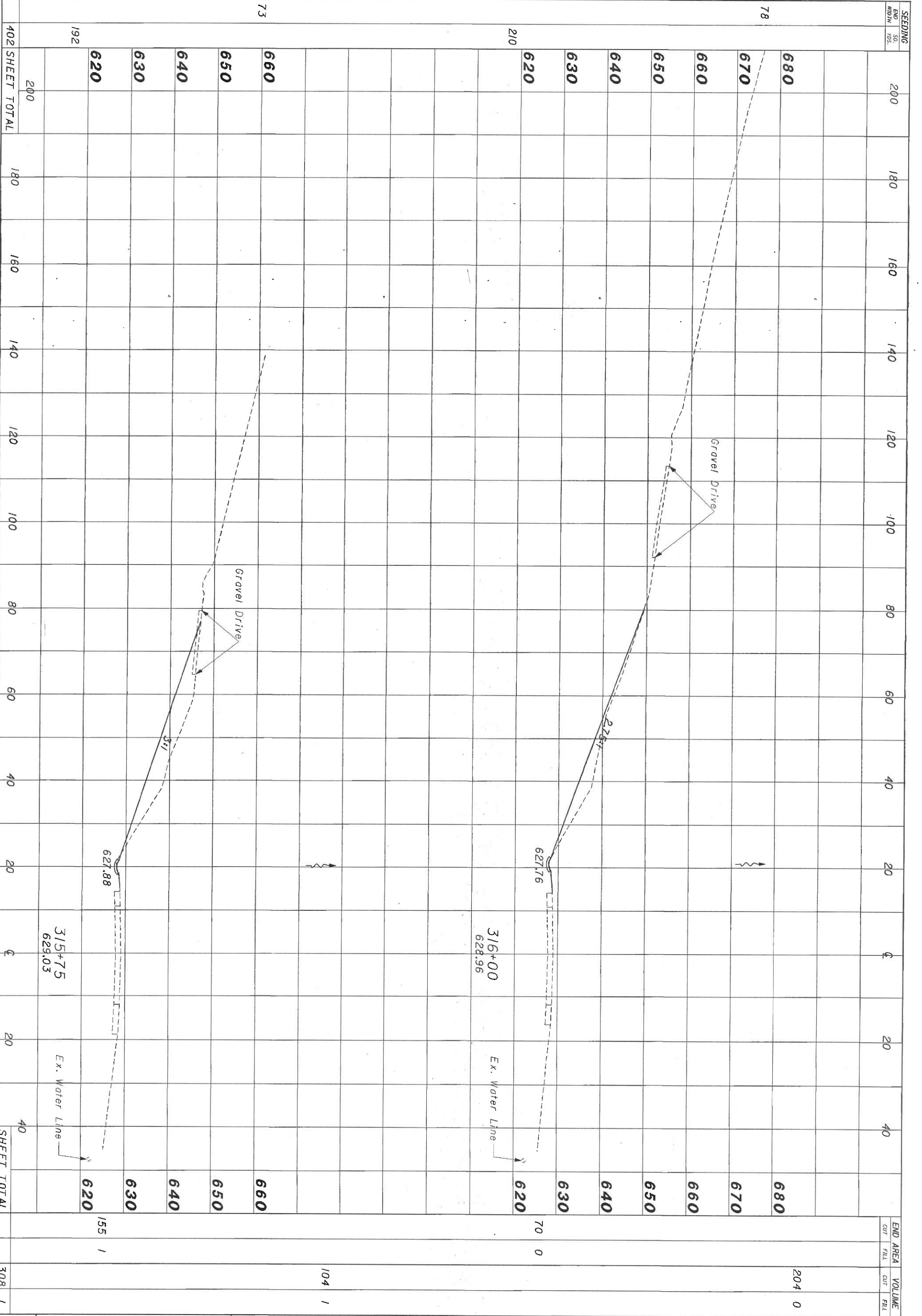


SEEDING	END SO. NORTH 105.	200	180	160	140	120	100	80	60	40	20	0	20	40	SHEET TOTAL	END AREA		VOLUME				
																CUT	FILL	CUT	FILL			
65	171	620													108	4						
		630																				
		640																				
		650																				
		660																				
		660																				
		660																				
58	157	620													76	2						
		630																				
		640																				
		650																				
		660																				
		660																				
		660																				
55	153	620													77	1						
		630																				
		640																				
		650																				
		660																				
		660																				
		660																				
481	200	180	160	140	120	100	80	60	40	20	0	20	40	40	278	6						



**CROSS SECTIONS
STA 315+00 TO STA 315+50**

MOE-7-5.95

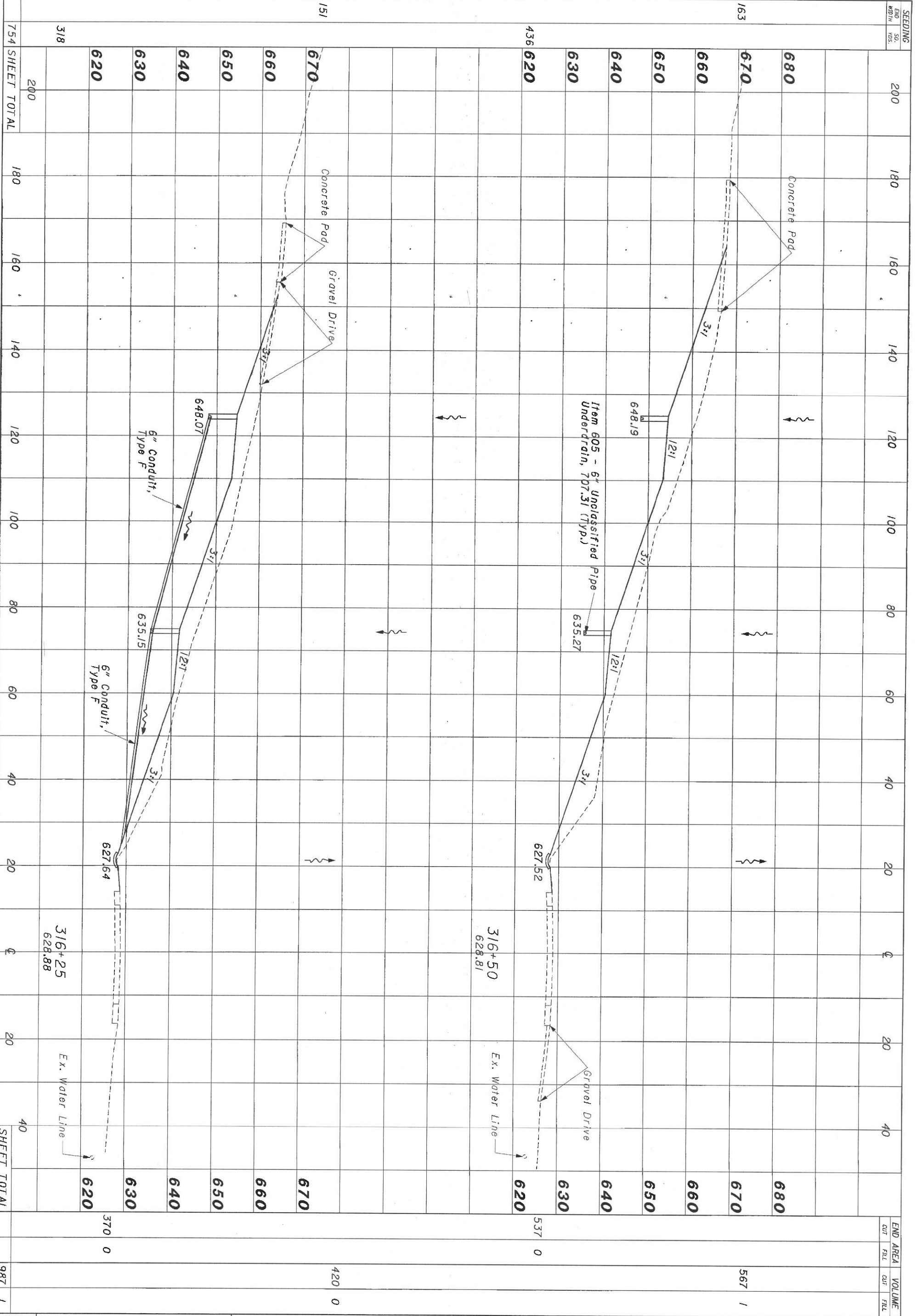


**CROSS SECTIONS
STA 315+75 TO STA 316+00**

MOE-7-5.95



CHECKED
CALCULATED



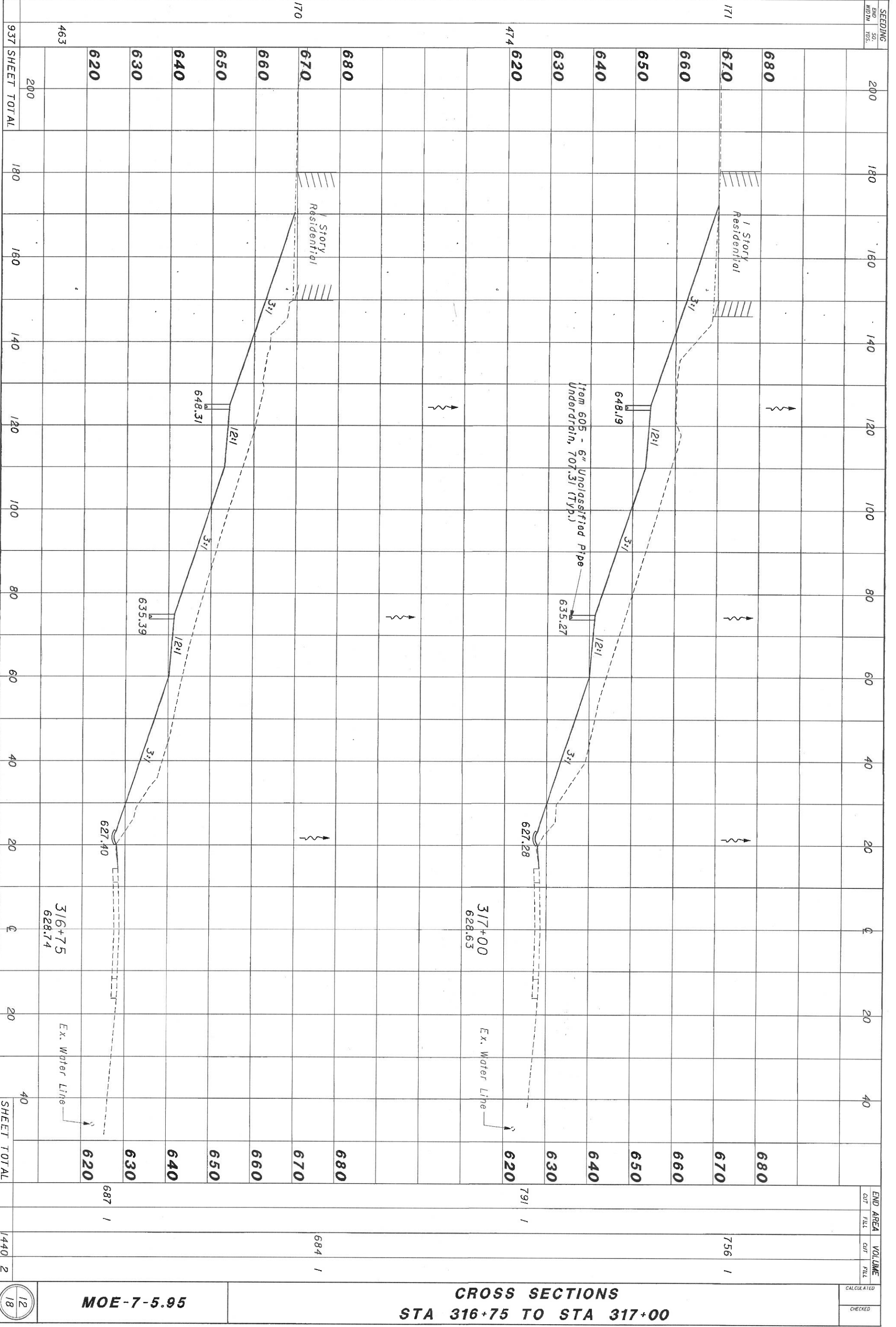
SEEDING	200	180	160	140	120	100	80	60	40	20	0	20	40	END AREA	VOLUME
NO.														CUT	CUT
151														FILL	FILL
680															
670														567	1
660															
650															
640															
630															
620															
436	620													537	0
151															
670														420	0
660															
650															
640															
630															
620															
318	200														
754	SHEET TOTAL	180	160	140	120	100	80	60	40	20	0	20	40	SHEET TOTAL	987

**CROSS SECTIONS
STA 316+25 TO STA 316+50**

MOE-7-5.95



CHECKED
CALCULATED



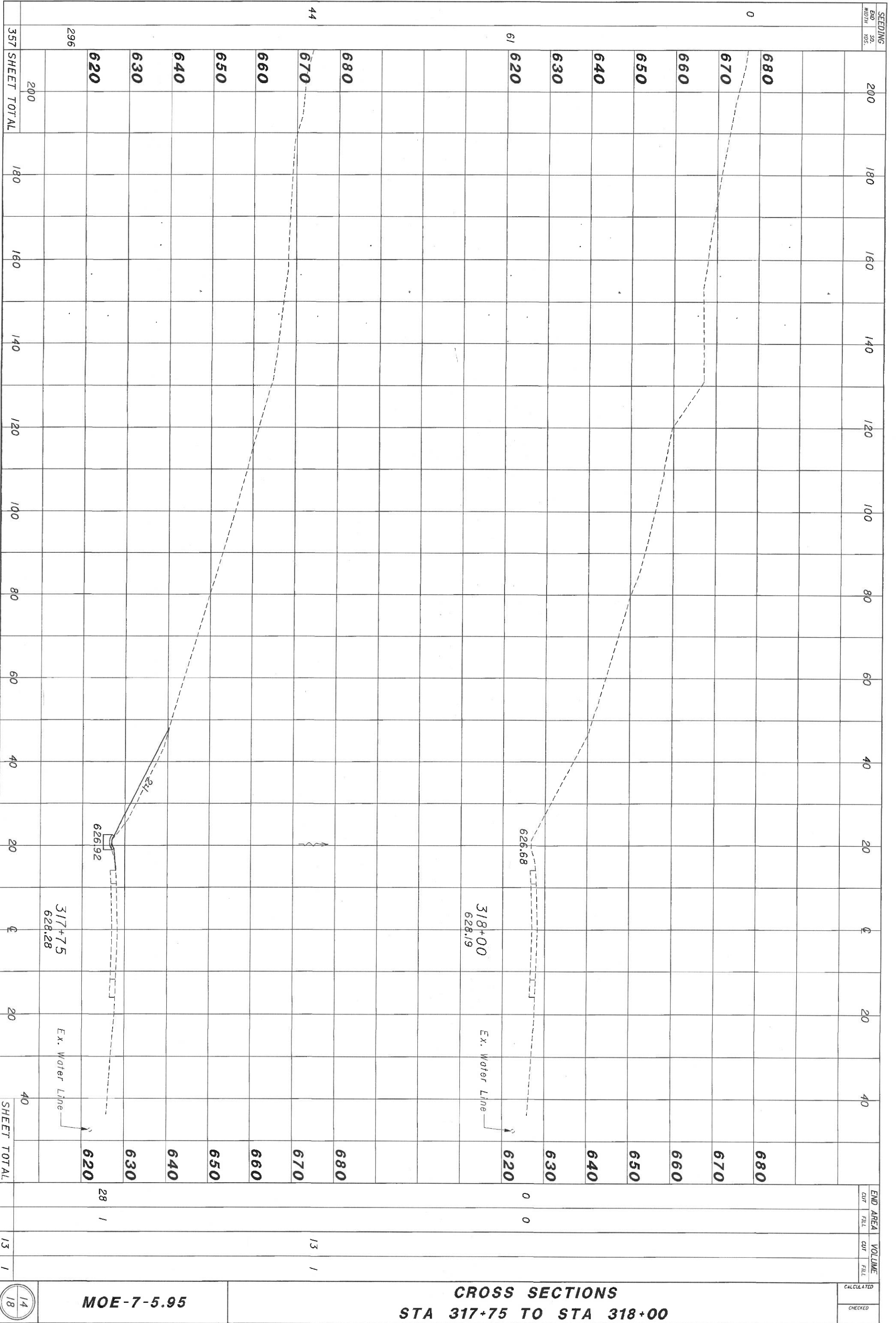
SEEDING	200	180	160	140	120	100	80	60	40	20	0	20	40	END AREA			
NO. SQ. YDS.														CUT	FILL	CUT	FILL
171	670													756			
	680																
	660																
	650																
	640																
	630																
474	620													791			
	680																
	670													684			
	660																
	650																
	640																
	630																
	620													687			
937	SHEET TOTAL	200	180	160	140	120	100	80	60	40	20	0	20	1440			
		463												2			

CROSS SECTIONS
STA 316+75 TO STA 317+00

MOE-7-5.95



CHECKED



**CROSS SECTIONS
STA 317+75 TO STA 318+00**

MOE-7-5.95



CHECKED

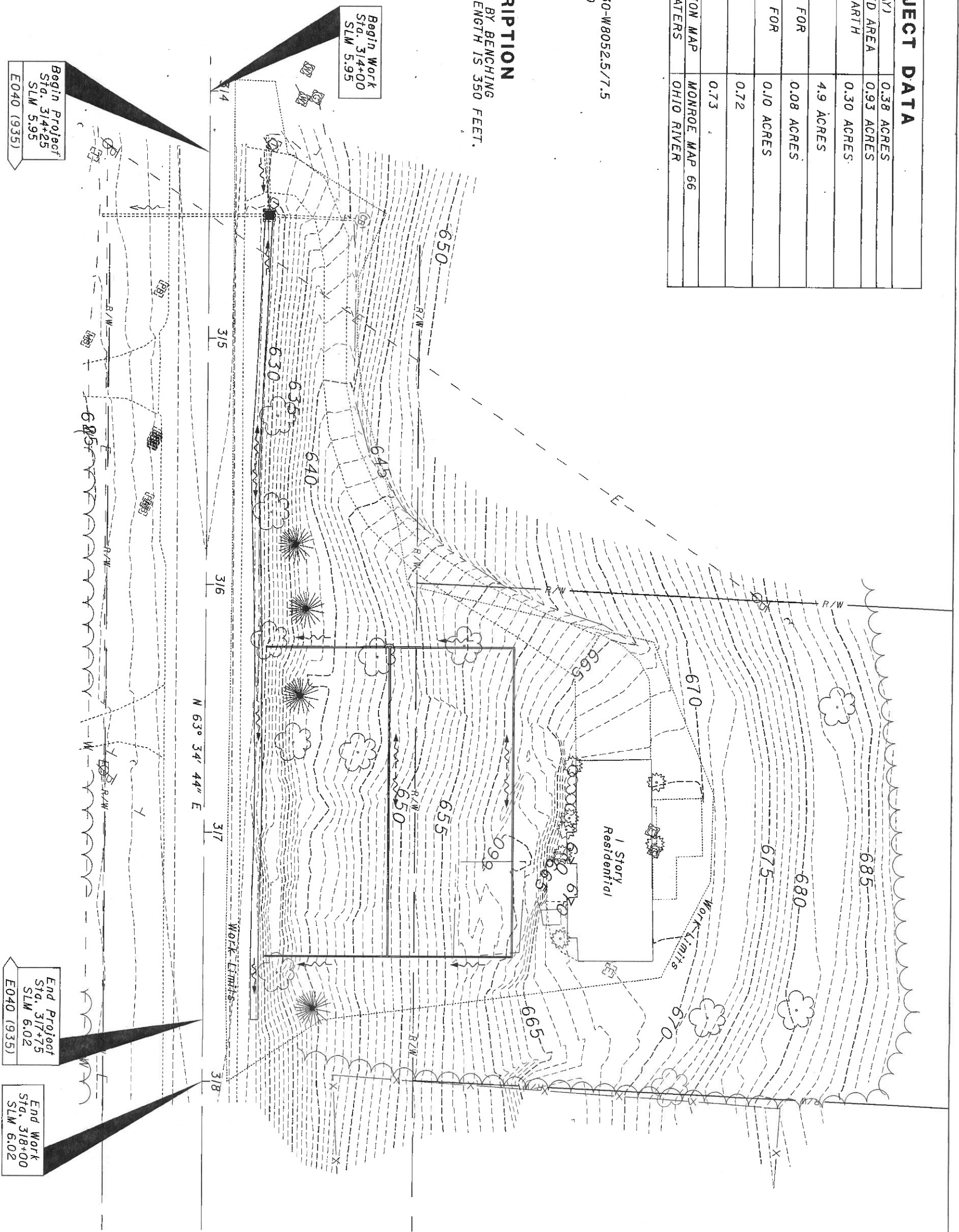
PROJECT DATA	
TOTAL AREA (RIGHT OF WAY)	0.38 ACRES
PROJECT EARTH DISTURBED AREA	0.93 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	0.30 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA	4.9 ACRES
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	0.08 ACRES
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE	0.10 ACRES
RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.72
RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE	0.73
SOIL & WATER CONSERVATION MAP	MONROE MAP 66
SUBSEQUENT RECEIVING WATERS	OHIO RIVER

USGS DATA

USGS QUADRANT NO. N3930-W8052.5/7.5
 PADEN CITY, W.VA. - OHIO
 LONGITUDE: 80°57'07"
 LATITUDE: 39°36'15"

PROJECT DESCRIPTION

EMERGENCY SLIP REPAIR BY BENCHING BACK SLOPE. PROJECT LENGTH IS 350 FEET.



Begin Work
 Sta. 314+00
 SLM 5.95

Begin Project
 Sta. 314+25
 SLM 5.95
 E040 (935)

End Project
 Sta. 317+75
 SLM 6.02
 E040 (935)

End Work
 Sta. 318+00
 SLM 6.02

Iron Pin Found
Sta. 312+24.13, 630.59' Lt.
N 587964.9738 E 2403354.2050
Elev. 862.16'

Iron Pin Found
Sta. 314+23.36, 611.52' Lt.
N 588036.5458 E 2403541.1190
Elev. 856.67'

Iron Pin Found
Sta. 318+21.85, 576.65' Lt.
N 588182.6338 E 2403913.4910
Elev. 854.19'

Iron Pin Found
Sta. 317+96.69, 29.75' Lt.
N 587681.6656 E 2404134.3250
Elev. 632.83'

Iron Pin Found
Sta. 315+96.45, 29.68' Lt.
N 587592.5048 E 2403955.0290
Elev. 632.63'

Iron Pin Found
Sta. 313+96.73, 30.55' Lt.
N 587504.4184 E 2403775.7710
Elev. 630.68'

Iron Pin Found
Sta. 322+16.72, 30.02' Lt.
N 587868.8064 E 2404510.3570
Elev. 628.76'

Iron Pin Found
Sta. 321+44.83, 38.27' Rt.
N 587775.6627 E 2404476.3580
Elev. 625.04'

Iron Pin Found
Sta. 319+68.50, 37.98' Rt.
N 587697.4577 E 2404318.3210
Elev. 625.61'

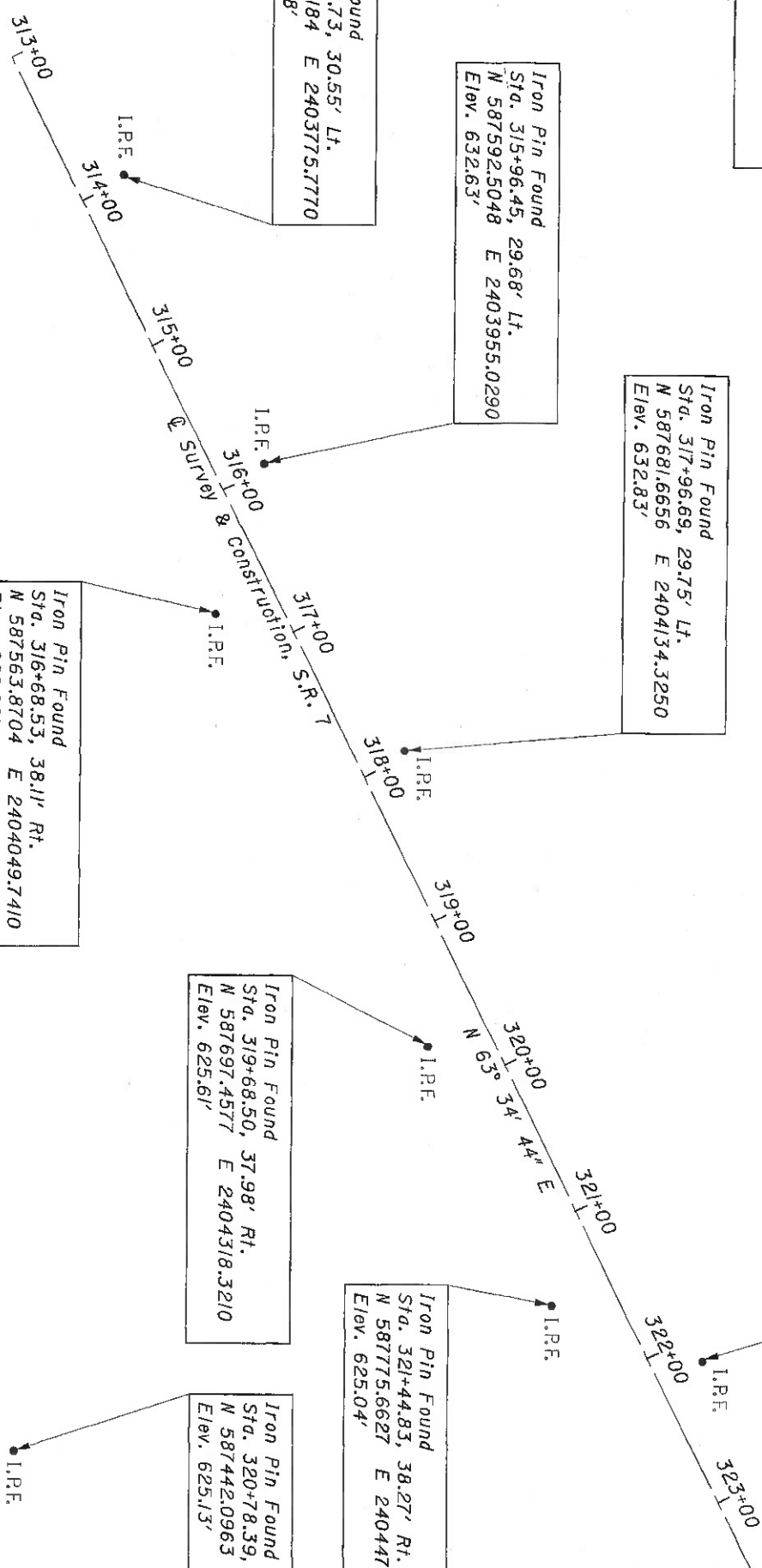
Iron Pin Found
Sta. 316+68.53, 38.11' Rt.
N 587563.8704 E 2404049.7410
Elev. 626.28'

Iron Pin Found
Sta. 318+01.92, 451.49' Rt.
N 587253.0219 E 2404353.1460
Elev. 624.14'

Iron Pin Found
Sta. 319+42.57, 421.58' Rt.
N 587342.3910 E 2404465.7790
Elev. 625.21'

STATE ROUTE 7 @ COORDINATES

Station	Northing	Easting
313+00	587434.0142	2403702.7480
313+25	587445.1383	2403725.1368
313+50	587456.2625	2403747.5254
313+75	587467.3867	2403769.9141
314+00	587478.5108	2403792.3027
314+25	587489.6350	2403814.6914
314+50	587500.7592	2403837.0801
314+75	587511.8832	2403859.4688
315+00	587523.0074	2403881.8574
315+25	587534.1316	2403904.2461
315+50	587545.2558	2403926.6348
315+75	587556.3799	2403949.0235
316+00	587567.5041	2403971.4122
316+25	587578.6282	2403993.8008
316+50	587589.7524	2404016.1895
316+75	587600.8766	2404038.5782
317+00	587612.0008	2404060.9669
317+25	587623.1249	2404083.3556
317+50	587634.2490	2404105.7443
317+75	587645.3732	2404128.1329
318+00	587656.4973	2404150.5216
318+25	587667.6215	2404172.9103
318+50	587678.7457	2404195.2990
318+75	587689.8698	2404217.6877
319+00	587700.9941	2404240.0764
319+25	587712.1182	2404262.4651
319+50	587723.2423	2404284.8537
319+75	587734.3665	2404307.2424
320+00	587745.4907	2404329.6311
320+25	587756.6147	2404352.0198
320+50	587767.7390	2404374.4085
320+75	587778.8631	2404396.7971
321+00	587789.9873	2404419.1858
321+25	587801.1114	2404441.5745
321+50	587812.2356	2404463.9632
321+75	587823.3598	2404486.3519
322+00	587834.4839	2404508.7405
322+25	587845.6081	2404531.1292
322+50	587856.7322	2404553.5179
322+75	587867.8564	2404575.9066
323+00	587878.9806	2404598.2953



CONVENTIONAL SIGNS

- County Line _____
- Township Line _____
- Section Line _____
- Corporation Line _____ or _____
- Fence Line (existing) * - * - * (proposed) _____
- Center Line _____
- Trees, Stumps (to be removed) (to be removed)
- Utility Poles: Telephone ϕ , Power ϕ , Light ϕ
- Limited Access (only) _____ LA _____
- Right of Way (only) _____ R/W _____
- Limited Access & Right of Way _____ LA-R/W _____
- Exist. Right of Way _____
- Temp. Right of Way _____ T ESMT _____ R/W _____
- Slope Easement _____ SL ESMT _____
- Utility Easement _____ U ESMT _____
- Property Line _____ (in existing fence) * - * - *
- Railroad (existing) or (proposed)
- Guard-rail (existing) or (proposed)
- Construction Limits _____

UTILITIES OWNERS

UNDERGROUND UTILITIES

THE LOCATION FOR THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS REQUIRED BY SECTION 153.64 ORC, OBTAINED FROM THE OWNERS OF THE UTILITY.

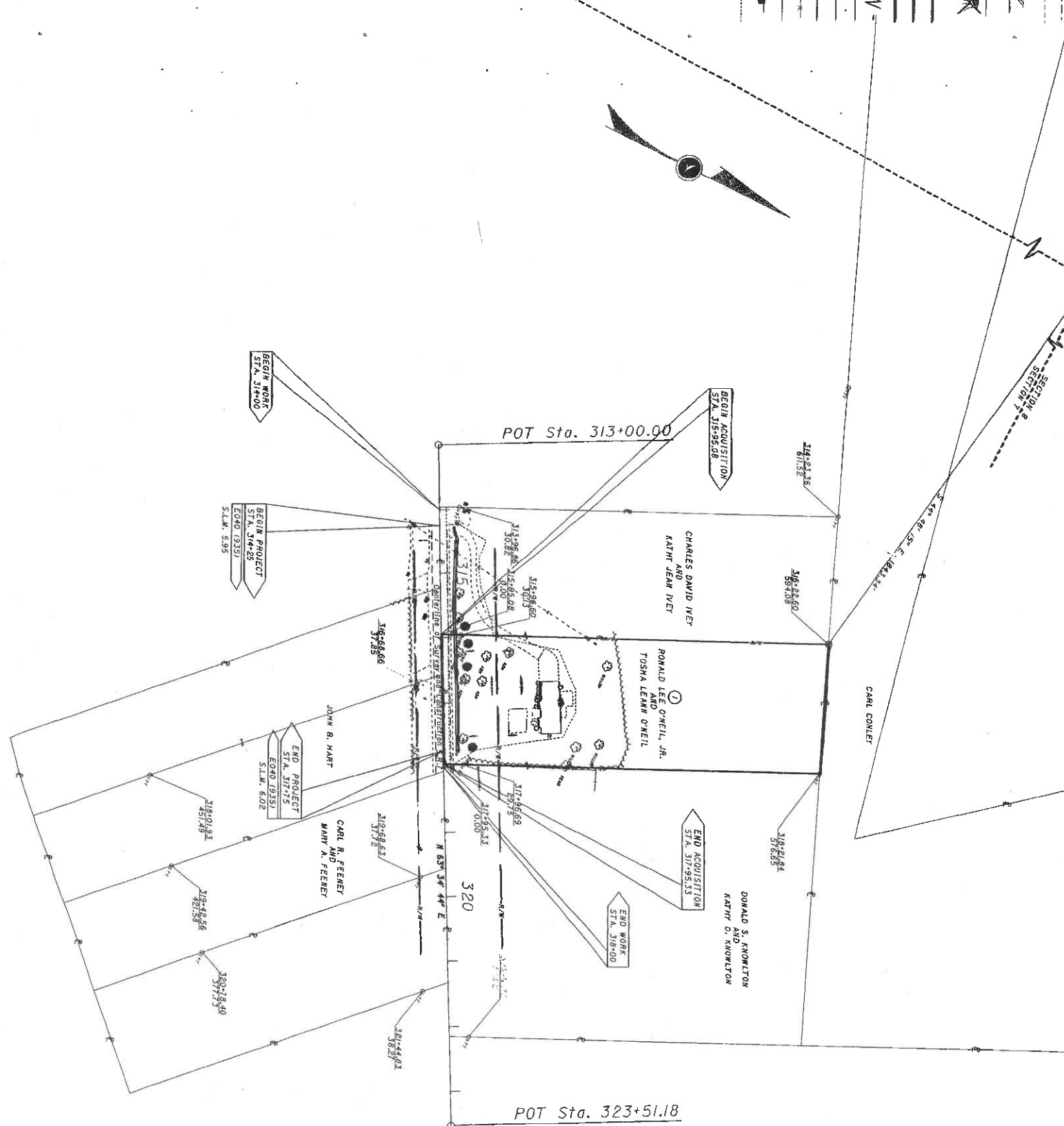
WASHINGTON ELECTRIC COOPERATIVE, INC.
406 COLEGATE DRIVE
HARLETTA, OHIO 43130
JOEL VALLEY 740-573-2441

SBC TELEPHONE
3935 NORTHPOINTE ROAD
LAMESVILLE, OHIO 43701-7361
SANDY RANDOLPH 740-454-3455

MONROE WATER SYSTEMS
43022 SIX POINTS
P.O. BOX 15
LAINES, OHIO 43752
JAMES MORRIS 740-472-1030

NORTHERN INDUSTRIAL ENERGY DEVELOPMENT
5900 MAYFAIR ROAD
N. CANTON, OHIO 44720
RANDY OGDON 330-936-2217 (CELL)

MONROE COUNTY, JACKSON TOWNSHIP SECTION 7, T2 N, R4 W



- ### MONUMENT LEGEND
- EXISTING R/W MONUMENT BOX
 - PROPOSED R/W MONUMENT BOX
 - EXISTING CONCRETE MONUMENT
 - PROPOSED CONCRETE MONUMENT
 - RAILROAD SPIKE FOUND
 - RAILROAD SPIKE SET
 - IRON PIN FOUND W/ ID CAP
 - IRON PIN SET W/ ID CAP
 - IRON PIPE FOUND
 - IRON PIPE SET
 - P.K. NAIL FOUND
 - P.K. NAIL SET

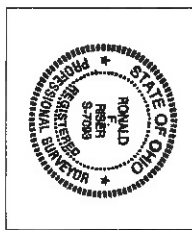
- ### STRUCTURE KEY
- RESIDENTIAL
 - COMMERCIAL

BASIS OF BEARINGS

The bearings are N40 85 (95) OHIO SOUTH ZONE.
Basis of Existing Centerline of Right of Way
Note:
The existing right of way for S.R. 7 was determined by using MOE-7-619 plans on file at the District 10 office in Warren, Ohio.

PLAN COMPLETED: 08-06-04

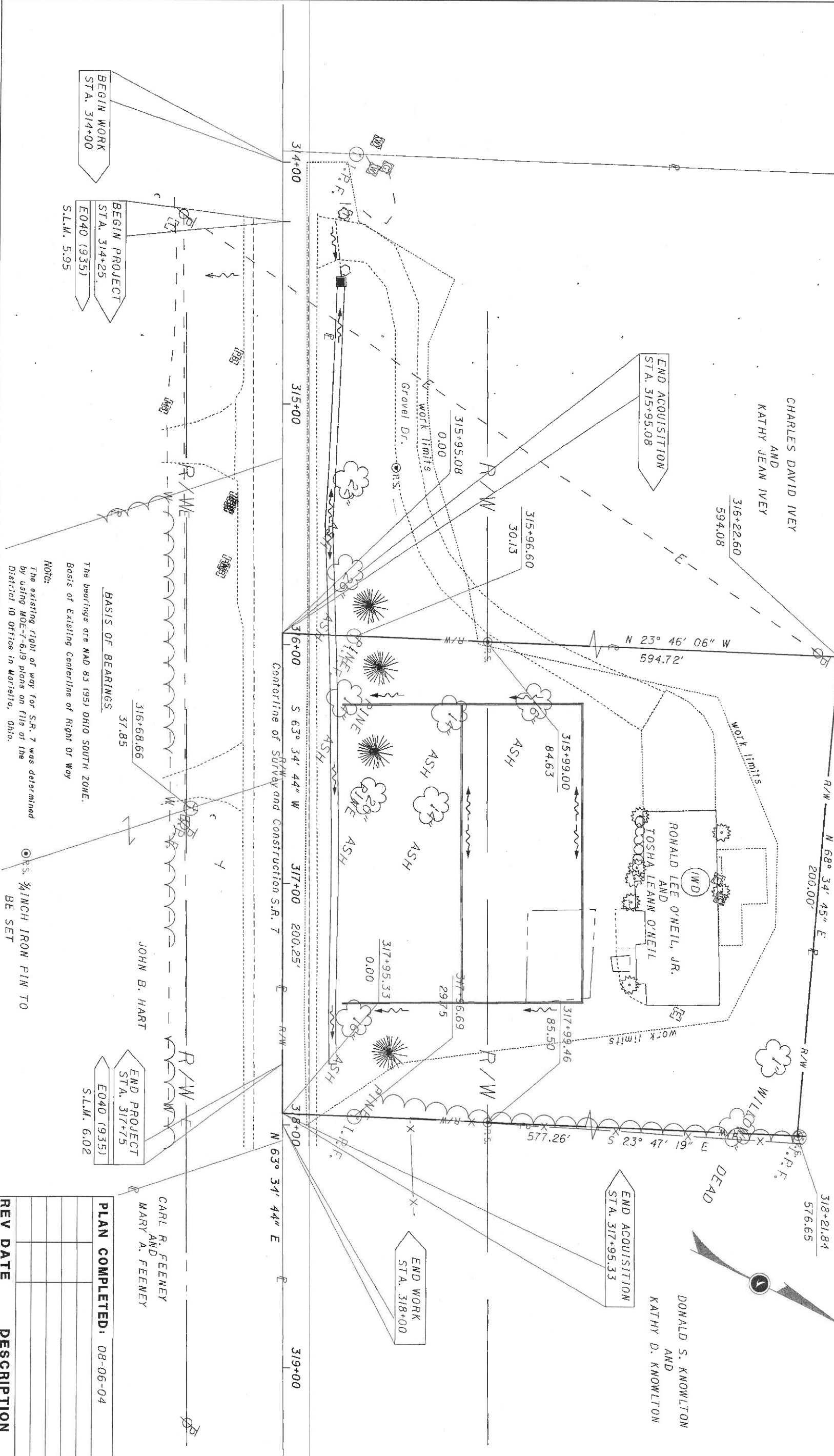
REV	DATE	DESCRIPTION



I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE BY ROBERT C. GANTER P.S. 7226 FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2004 AND THE ESTABLISHMENT ON THESE PLANS AS THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY: *Ronald Peas*
ROBERT C. GANTER P.S. 7226
OHIO DEPARTMENT OF TRANSPORTATION
SURVEYORS NO. 57098 DATE 11-5-04

MONROE COUNTY, JACKSON TOWNSHIP
SECTION 7, T 2 N, R 4 W



BEGIN WORK
STA. 314+00

BEGIN PROJECT
STA. 314+25
E040 (935)
S.L.M. 5.95

END ACQUISITION
STA. 315+95.08

END ACQUISITION
STA. 317+95.33

END WORK
STA. 318+00

NOTE:
The existing right of way for S.R. 7 was determined by using MOE-7-619 plans on file of the District 10 Office in Marietta, Ohio.

PS. 3/4 INCH IRON PIN TO BE SET

NET RESIDUE = RECORD AREA - TOTAL PRO - NET TAKE

TEMPORARY TO BE 18 MONTH DURATION

* CALCULATED AREA ALL AREAS IN ACRES

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD BOOK	RECORD AREA	TOTAL P.R.O.	GROSS TAKE	NET TAKE	STRUC-TURE	NET RESIDUE LEFT	NET RESIDUE RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED BOOK	PAGE
IWD	RONALD LEE O'NEIL, JR. TOSHA LEANN O'NEIL	10	566	003-002466.01	2.6888Ac.	0.184Ac.	2.504Ac.		0.000Ac.			Additional Area For Contractor to work	18	2

CARL R. FEENEY
MARY A. FEENEY

PLAN COMPLETED: 08-06-04

REV DATE	DESCRIPTION

MOE-7-5.95

RIGHT OF WAY PLAN

R/W DESIGNER
P.L.H.
R/W REVIEWER
R.F.R.

PID NO.
77673

