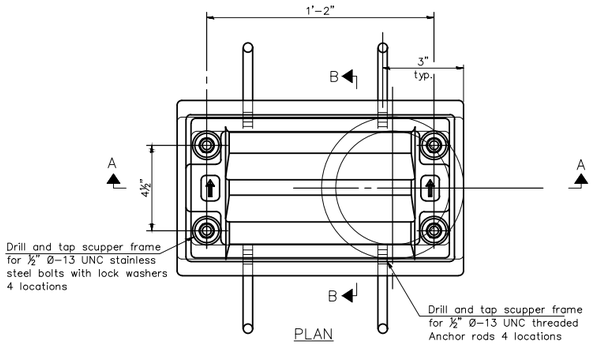
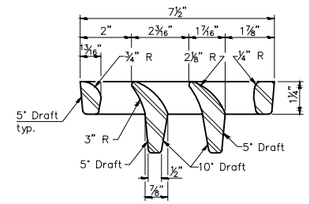
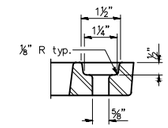


PLAN



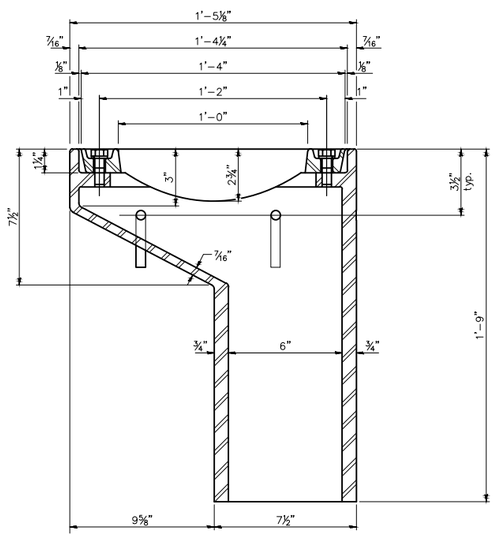
VANE GRATE DETAIL



GRATE BOLT HOLE DETAIL

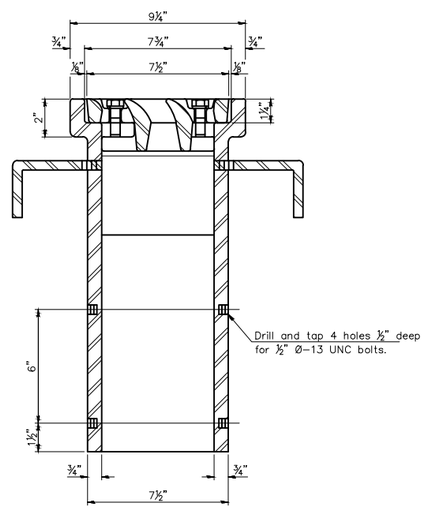
Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306.
Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232.
As an alternate stainless steel may be used.
Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications.
Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron.
Fillet or full penetration welds shall be used for the weldments.
Details shall be submitted to the Engineer for approval.
Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111.
As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel.
Exterior surfaces of downspouts and exterior exposed surfaces of the scupper frame below deck shall be coated or pigmented by the manufacturer with a color that matches the concrete.
The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.
Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scuppers, DS-11.

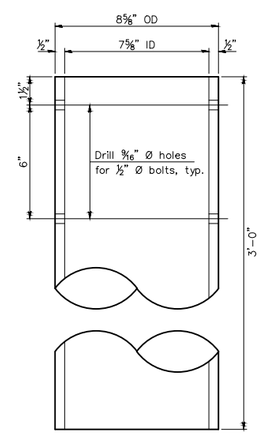


SECTION A-A

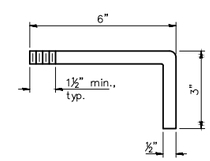
See sheets 11, 14, 26, & 30 of 76 for scupper location relative to parapet.



SECTION B-B



DOWNSPOUT



ANCHOR ROD DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers, DS-11	Each	4

SHEET 45 OF 76 BRIDGE SHEETS **"CONTRACT NO. 87876"**

DRAWN BY: MMG	REVISIONS			
CHECKED BY: MWP	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

Chamlin & Associates

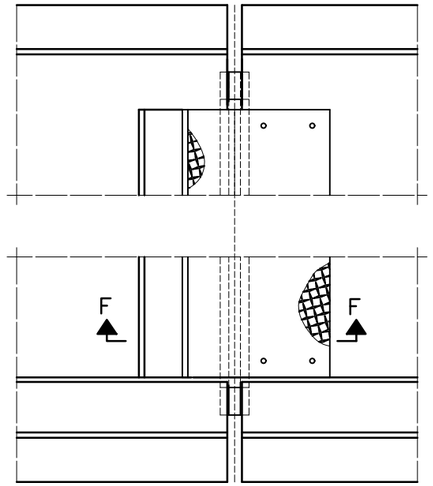
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

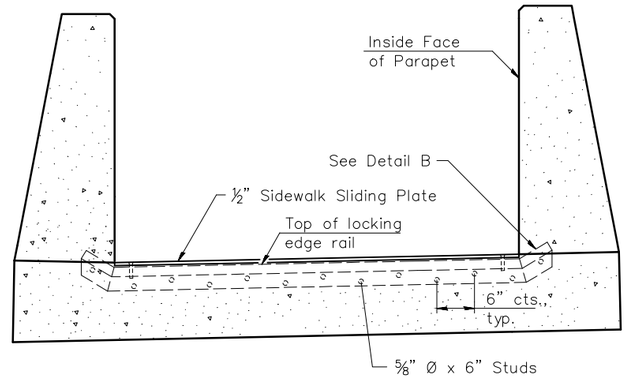
DRAINAGE SCUPPERS, DS - 11
SN 050-7500

CONSTRUCTION PLANS

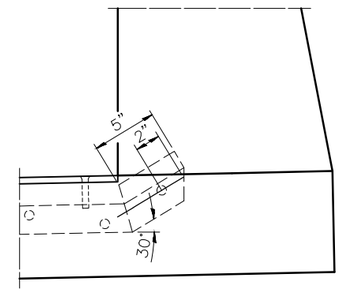
CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	101	
FILE NO.: 66437.00 Y-	OF	183	



PLAN



SECTION AT DECK LEVEL SIDEWALK



DETAIL B

Notes:

The strip seal shall be made continuous and shall have a minimum thickness of ¼". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4½" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

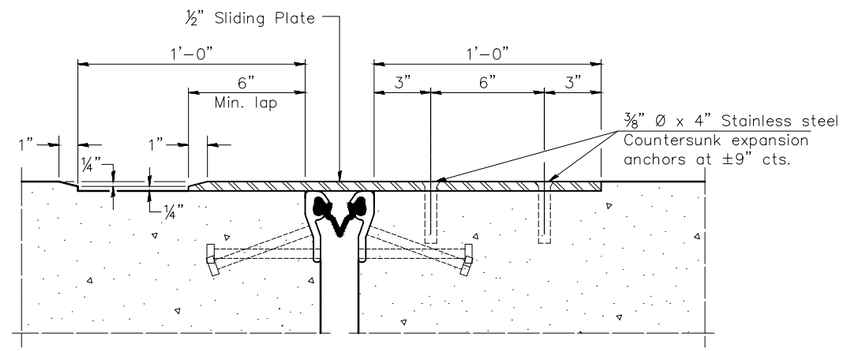
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be 3⁄16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

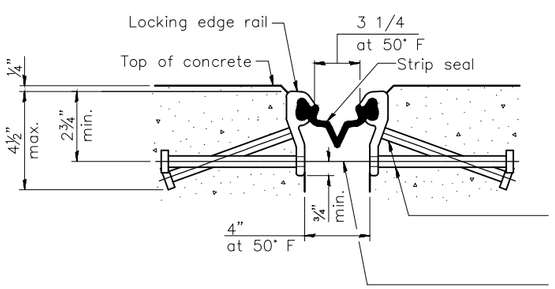
The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

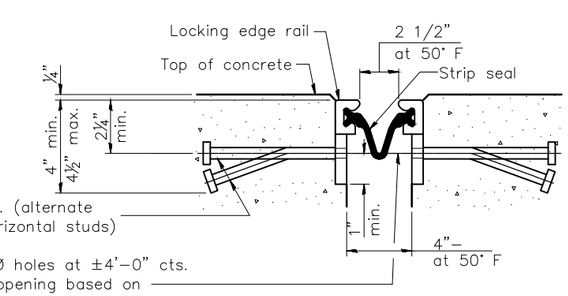
The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required



SECTION F–F



SHOWING ROLLED RAIL JOINT



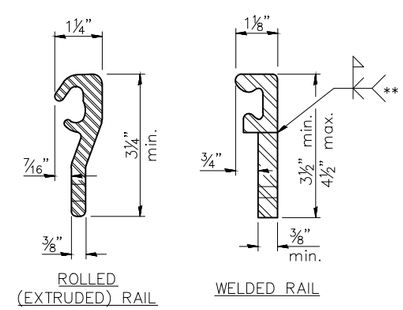
SHOWING WELDED RAIL JOINT

* ⅝" Ø x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

⅜" Ø threaded rods in 7⁄16" Ø holes at ±4'–0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

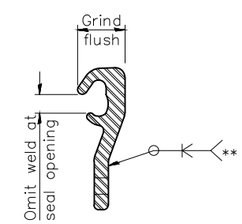
SECTION A–A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock–up.



LOCKING EDGE RAIL SPLICE

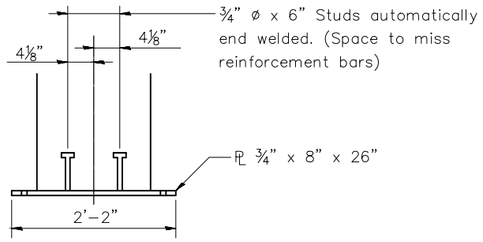
The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

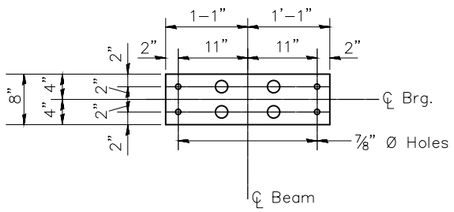
Item	Unit	Total
Preformed Joint Strip Seal	Foot	104

SHEET 46 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: FDAP	REVISIONS				PERU MORRIS OTTAWA MORTON ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	PREFORMED JOINT STRIP SEAL - SIDEWALK SN 050-7500	CONSTRUCTION PLANS	CURRENT AS OF: 12/20/2024
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION					SCALE: AS NOTED / SHEET 102
DATE: 08/2023									FILE NO.: 66437.00 Y– / OF 183

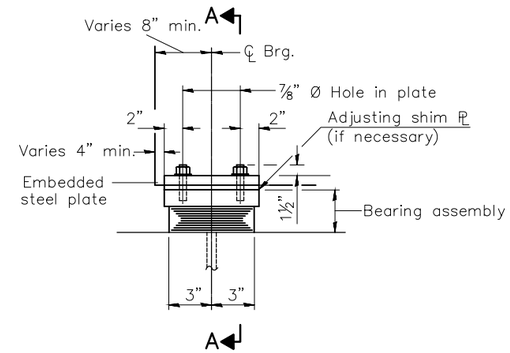


ELEVATION

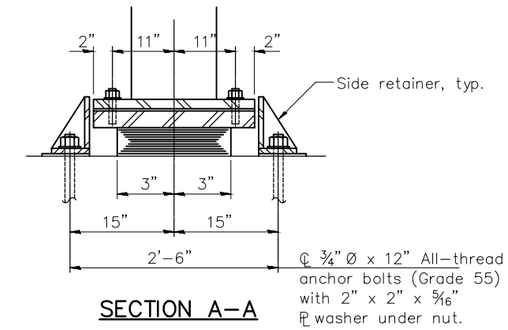


PLAN

EMBEDDED STEEL PLATE DETAIL

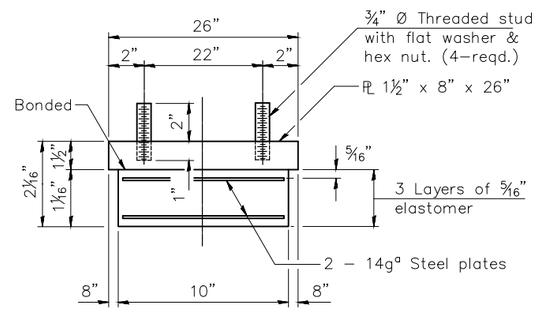


ELEVATION



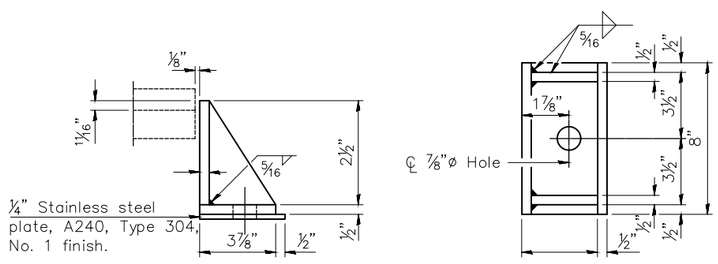
SECTION A-A

TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY

Note:
Shim plates shall not be placed under bearing assembly.



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

Notes:
Side retainers and stainless steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.
Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.

BILL OF MATERIAL

Item	Unit	Total
Elastometric Bearing Assembly Type 1	Each	16
Anchor Bolts, ¾"	Each	32

SHEET 47 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: FDAP	REVISIONS			PERU MORRIS OTTAWA MORTON ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	ELASTOMERIC BEARING DETAILS SN 050-7500	CONSTRUCTION PLANS	CURRENT AS OF: 12/20/2024
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION							SCALE: AS NOTED / SHEET 103
DATE: 08/2023								FILE NO.: 66437.00 Y- / OF 183

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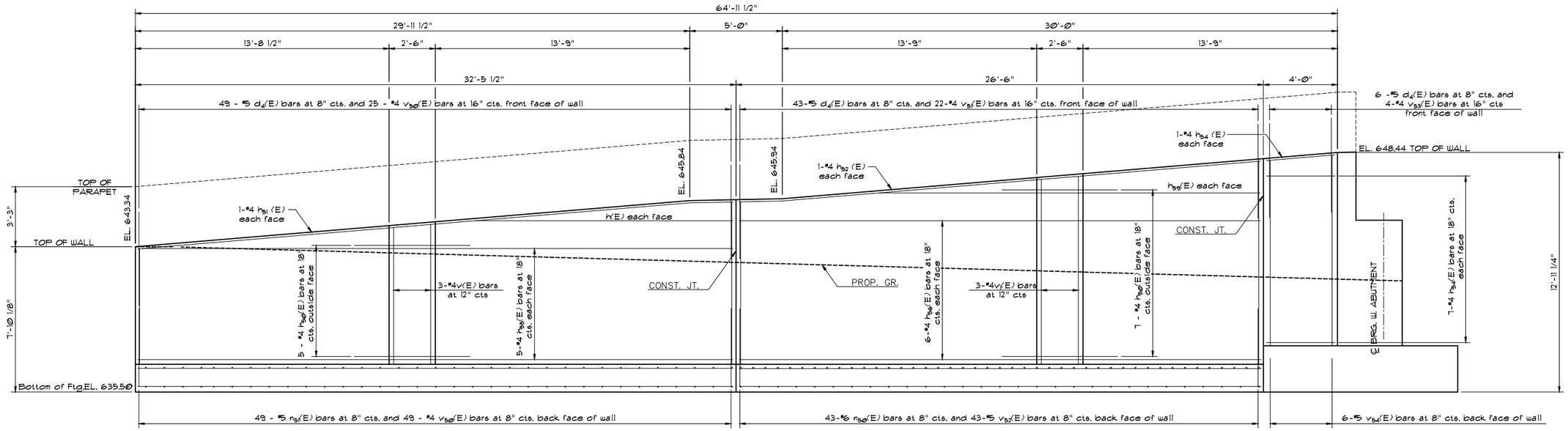
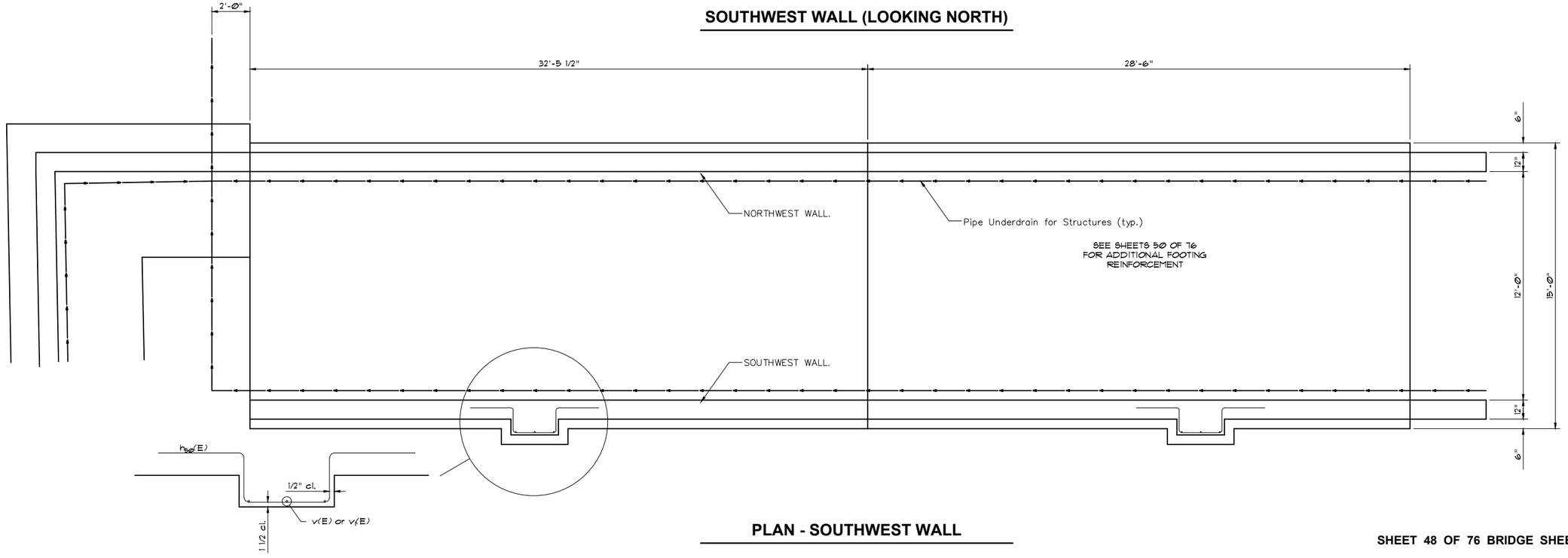


SOUTHWEST WALL (LOOKING NORTH)



PLAN - SOUTHWEST WALL

SHEET 48 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS				
CHECKED BY: CHECKED	LEVEL	BY	DATE	DESCRIPTION	
DATE: 08/2023					

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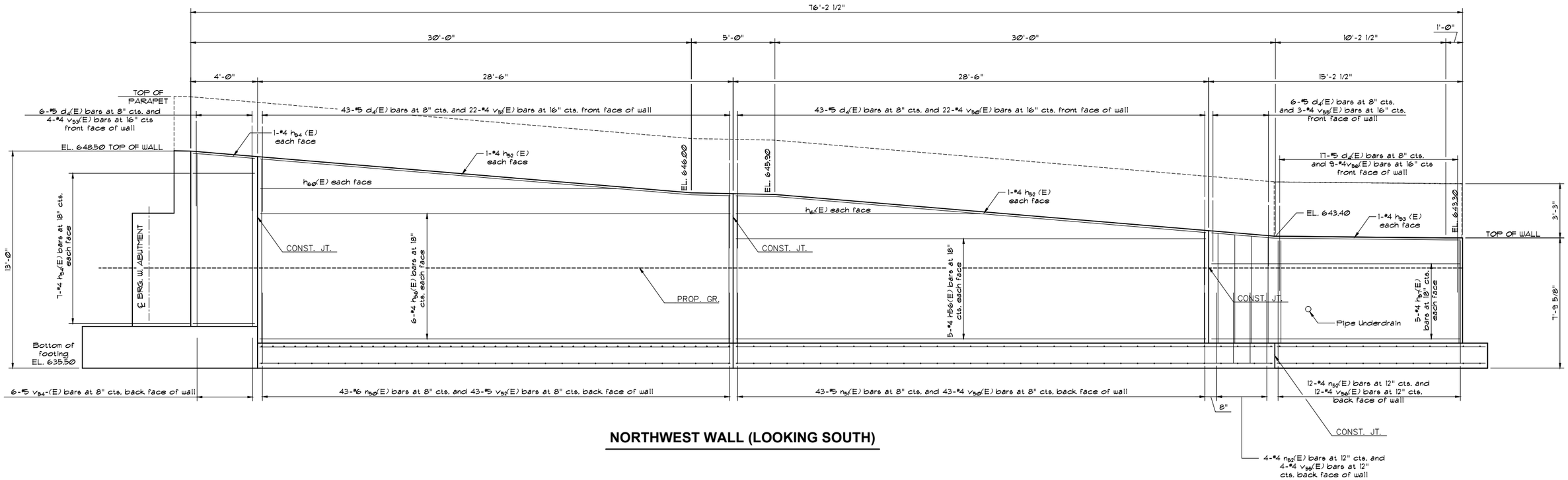
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

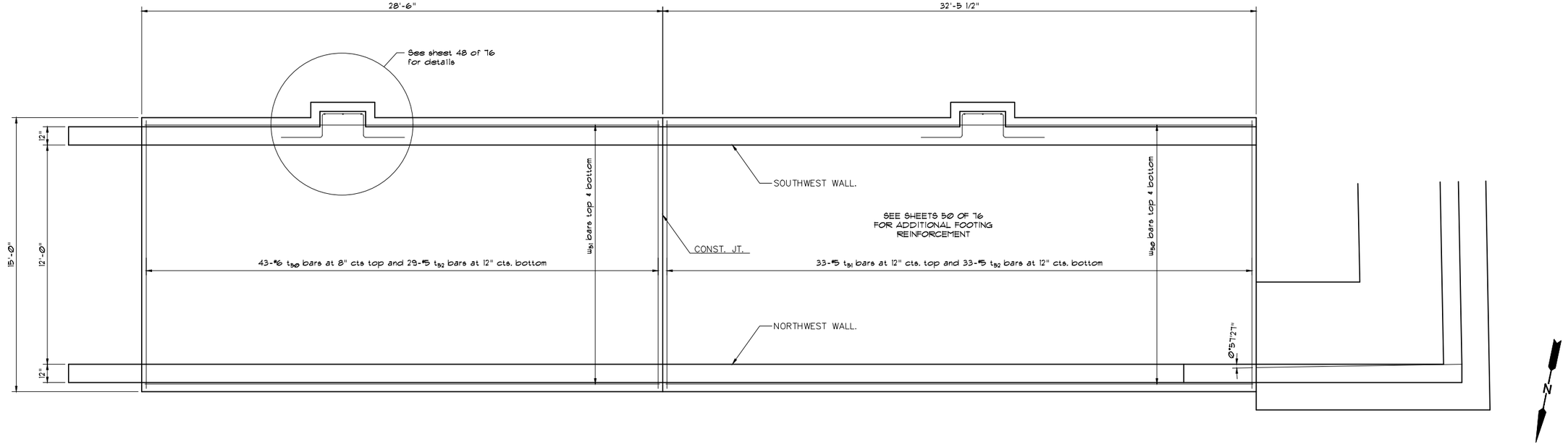
SOUTHWEST
RETAINING WALL DETAILS
SN 050 7500

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	104	
FILE NO.: 66437.00 Y-	OF	183	



NORTHWEST WALL (LOOKING SOUTH)



PLAN - NORTHWEST WALL

SHEET 49 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	NORTHWEST RETAINING WALL DETAILS SN 050 7500	CONSTRUCTION PLANS
CHECKED BY: CHECKED	LEVEL	BY	DATE	DESCRIPTION			CURRENT AS OF: 12/20/2024
DATE: 08/2023							SCALE: AS NOTED / SHEET 105
							FILE NO.: 66437.00 Y- / OF 183

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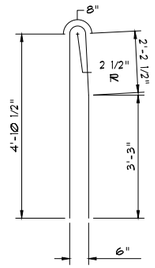
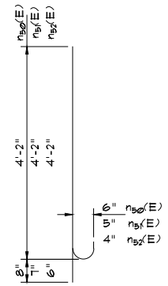
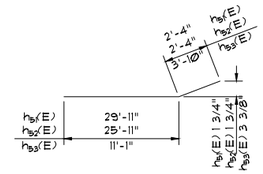


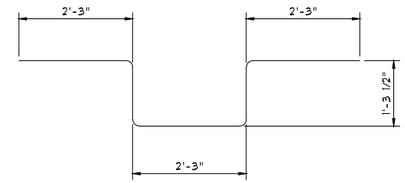
Bar d_4(E)



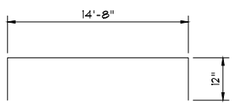
Bar n_{50}(E), n_{51}(E) & n_{52}(e)



Bar h_{51}(E), h_{52}(E) & h_{53}(E)



Bar h_{50}(E)

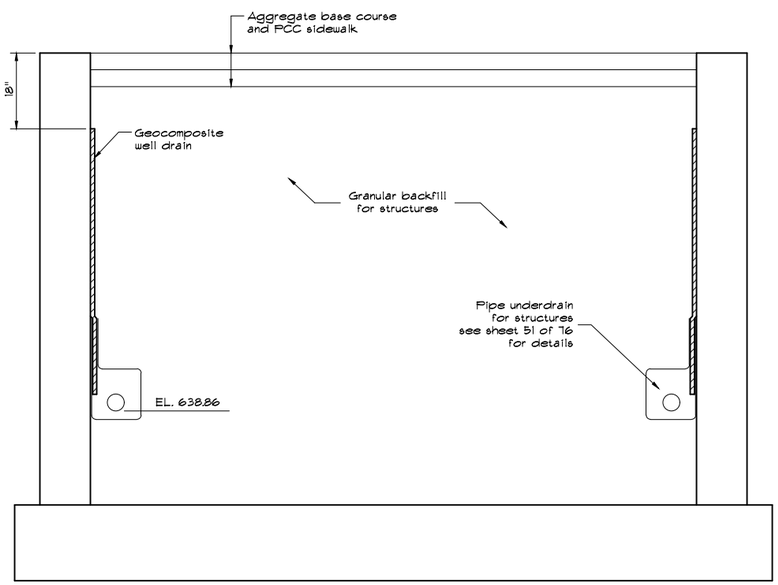


Bar t_{50} & t_{51}

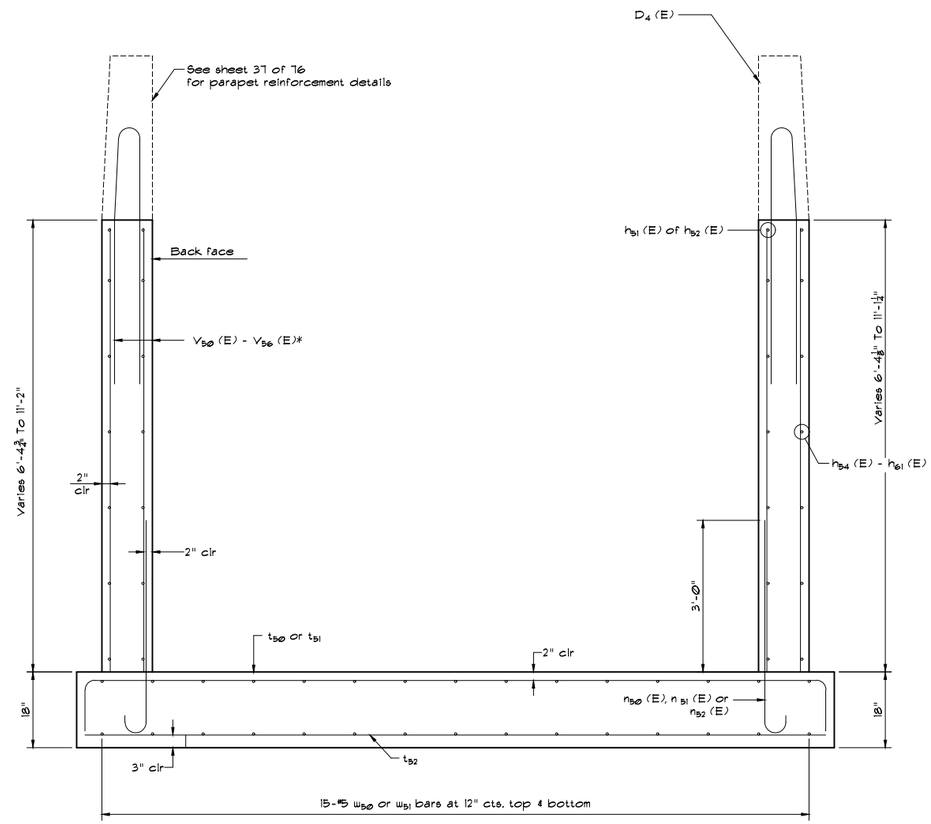
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d_1(E)	217	#5	6'-8"	
d_4(E)	213	#5	11'-0"	
e_1(E)	10	#4	13'-11"	
e_2(E)	30	#4	28'-3"	
e_3(E)	20	#4	4'-8"	
e_4(E)	10	#4	32'-3"	
e_5(E)	10	#4	6'-0"	
h_{50}(E)	12	#4	9'-4"	
h_{51}(E)	2	#4	32'-3"	
h_{52}(E)	6	#4	28'-3"	
h_{53}(E)	2	#4	14'-11"	
h_{54}(E)	16	#4	3'-8"	
h_{55}(E)	10	#4	31'-11"	
h_{56}(E)	36	#4	28'-2"	
h_{57}(E)	10	#4	14'-11"	
h_{58}(E)	2	#4	13'-10"	
h_{59}(E)	2	#4	20'-7"	
h_{60}(E)	2	#4	21'-4"	
h_{61}(E)	2	#4	14'-7"	
n_{50}(E)	86	#6	4'-10"	
n_{51}(E)	92	#5	4'-9"	
n_{52}(E)	16	#4	4'-8"	
t_{50}	29	#6	16'-8"	
t_{51}	33	#5	16'-8"	
t_{52}	62	#5	14-8"	
v_{50}(E)	142	#4	8'-9"	
v_{51}(E)	47	#4	11'-0"	
v_{52}(E)	86	#5	11'-0"	
v_{53}(E)	8	#4	10'-4"	
v_{54}(E)	12	#5	10'-4"	
v_{55}(E)	7	#4	6'-6"	
v_{56}(E)	21	#4	6'-1"	
w_{50}	30	#5	32'-2"	
w_{51}	30	#5	28'-2"	
Structure Excavation			Cu. Yd.	--
Reinforcement Bars			Pound.	4140
Reinforcement Bars, Epoxy Coated			Pound	9900
Concrete Structures (Retaining Wall)			Cu. Yd.	110.2
Granular Backfill for Structures			Cu. Yd.	246
Geocompostie Wall Drain			Sq. Yd.	75
Rubbed Finish			Sq. Ft.	651.4

* Field cut bars to fit



DRAINAGE DETAIL



SECTION THROUGH WALL

SHEET 50 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS			
CHECKED BY: CHECKED	LEVEL	BY	DATE	DESCRIPTION
DATE: 08/2023				

Chamlin & Associates

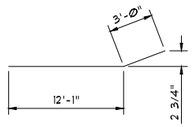
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

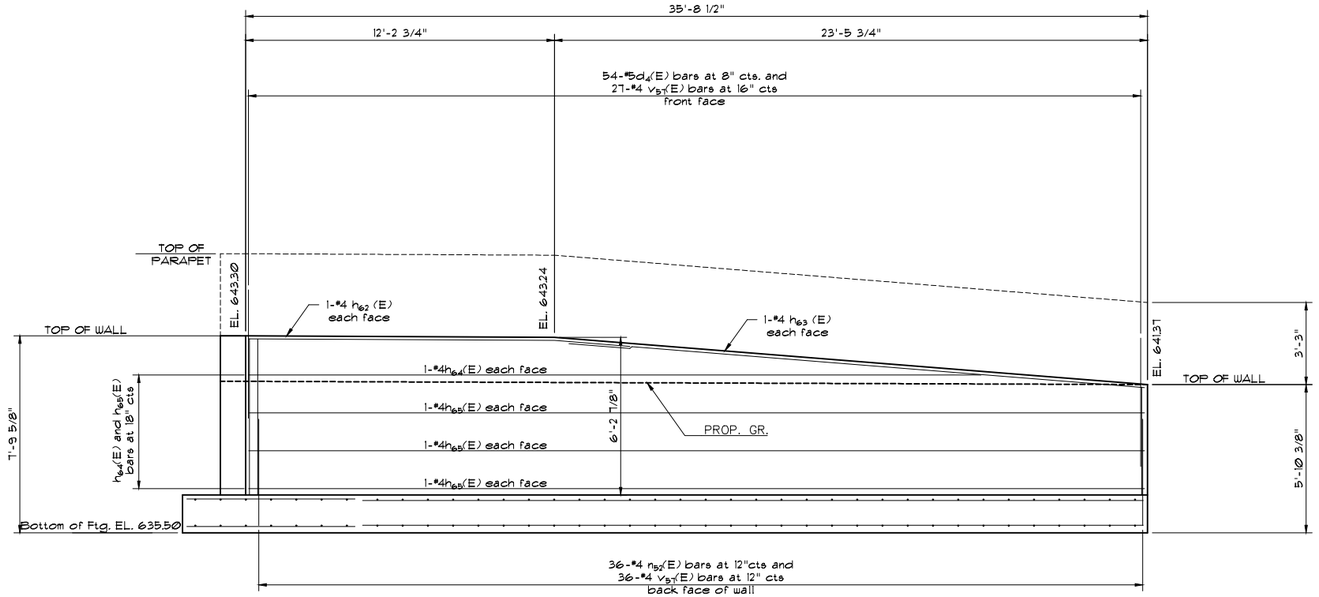
NORTHWEST & SOUTHWEST RETAINING WALL DETAILS
SN 050 7500

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	106	
FILE NO.: 66437.00 Y-	OF	183	



Bar h_{62}(E)

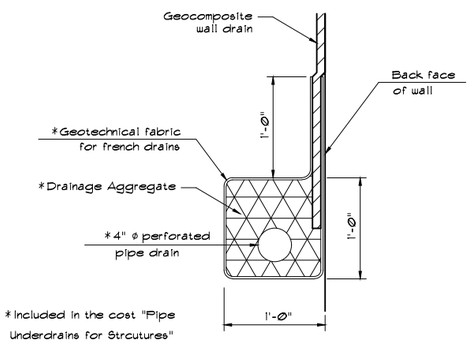


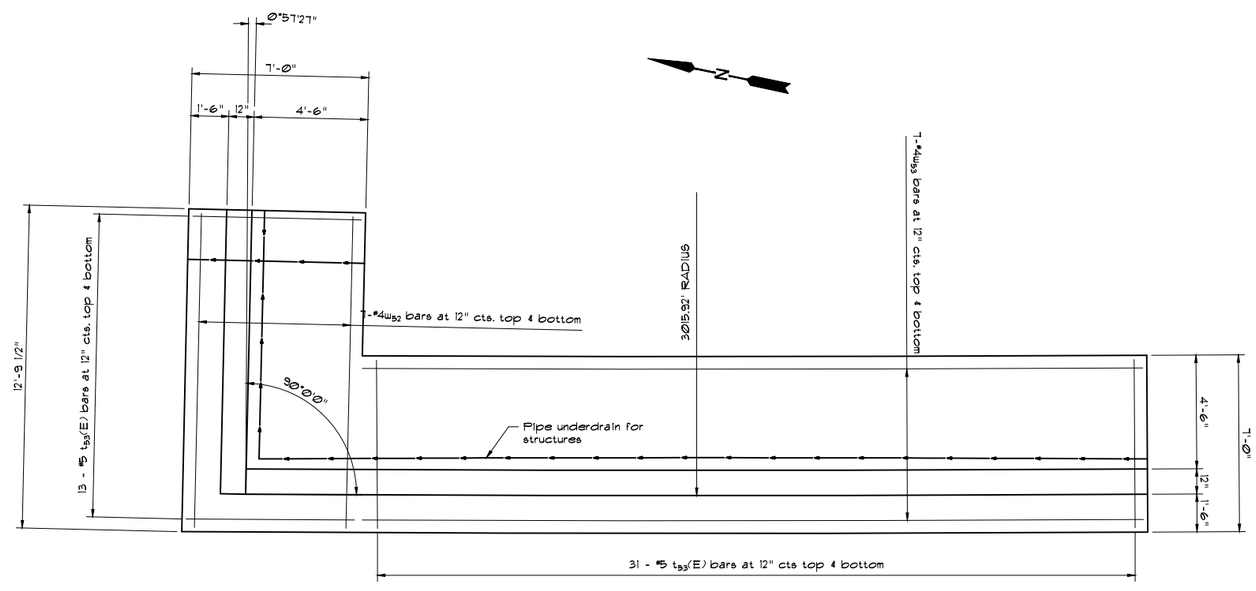
WEST WALL (LOOKING EAST)

BILL OF MATERIAL

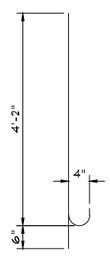
Bar	No.	Size	Length	Shape
d_1(E)	54	#5	6'-8"	
d_4(E)	54	#5	11'-0"	
e(E)	10	#4	35'-5"	
h_{62}(E)	2	#4	15'-1"	
h_{63}(E)	2	#4	20'-4"	
h_{64}(E)	2	#4	29'-0"	
h_{65}(E)	6	#4	35'-6"	
n_{52}(E)	36	#4	4'-8"	
t_{53}	88	#5	6'-8"	
v_{57}(E)	63	#4	6'-2"	
w_{52}	14	#4	12'-5"	
w_{53}	14	#4	30'-11"	
Structure Excavation			Cu. Yd.	--
Reinforcement Bars			Pound.	1020
Reinforcement Bars, Epoxy Coated			Pound	1830
Concrete Structures (Retaining Wall)			Cu. Yd.	32.3
Granular Backfill for Structures			Cu. Yd.	16
Geocompostie Wall Drain			Sq. Yd.	11
Rubbed Finish			Sq. Ft.	110.6

* Field cut V_{57} (E) bars to fit.

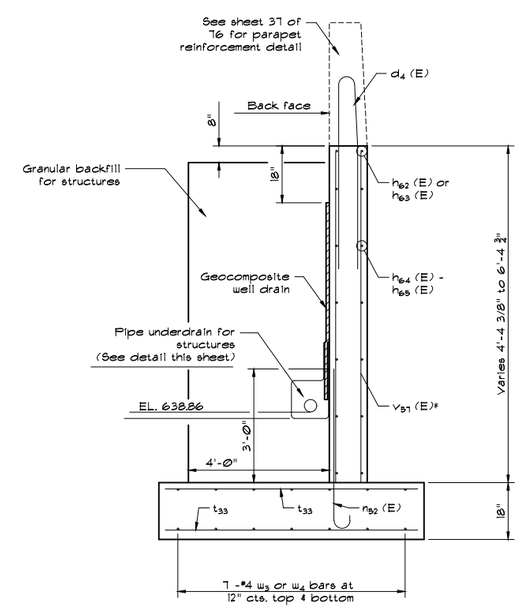




PLAN - WEST WALL



Bar n_{52}(E)



SECTION THROUGH WALL

SHEET 51 OF 76 BRIDGE SHEETS **"CONTRACT NO. 87876"**

DRAWN BY: JJW	REVISIONS				CURRENT AS OF: 12/20/2024	
CHECKED BY: CHECKED	LEVEL / BY / DATE / DESCRIPTION				SCALE: AS NOTED	SHEET 107
DATE: 08/2023					FILE NO.: 66437.00 Y-	OF 183

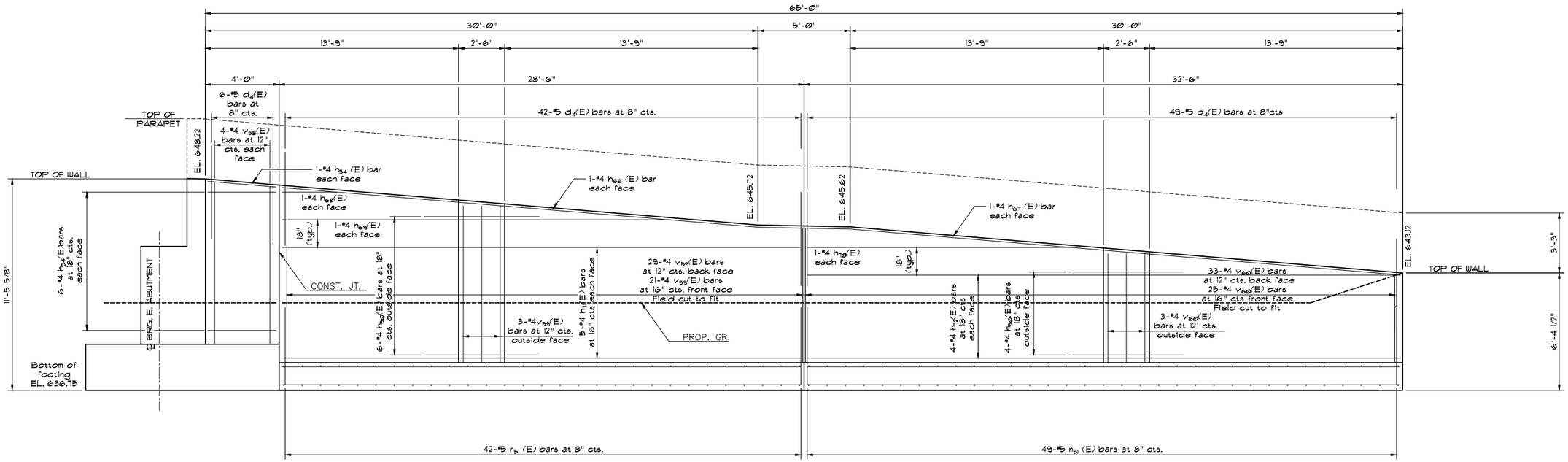
Chamlin & Associates

PERU MORRIS OTTAWA MENDOTA ILLINOIS

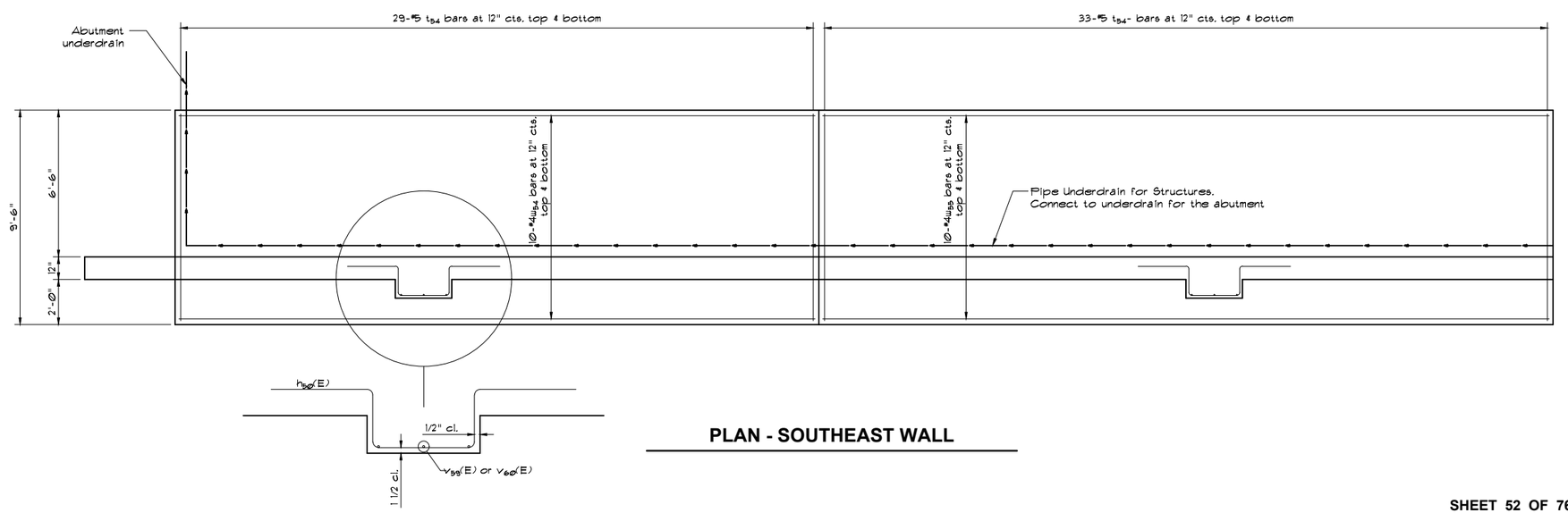
PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

WEST
RETAINING WALL DETAILS
SN 050 7500

CONSTRUCTION PLANS



SOUTHEAST WALL (LOOKING NORTH)



PLAN - SOUTHEAST WALL

N

SHEET 52 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 08/2023					

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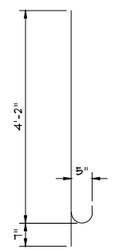
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

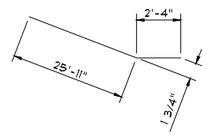
SOUTHEAST RETAINING WALL DETAILS
SN 050 7500

CONSTRUCTION PLANS

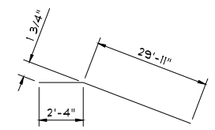
CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	108	
FILE NO.: 66437.00 Y-	OF	183	



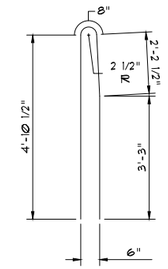
Bar n_{51}(E)



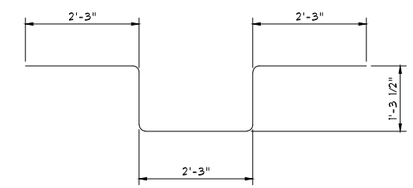
Bar h_{66}(E)



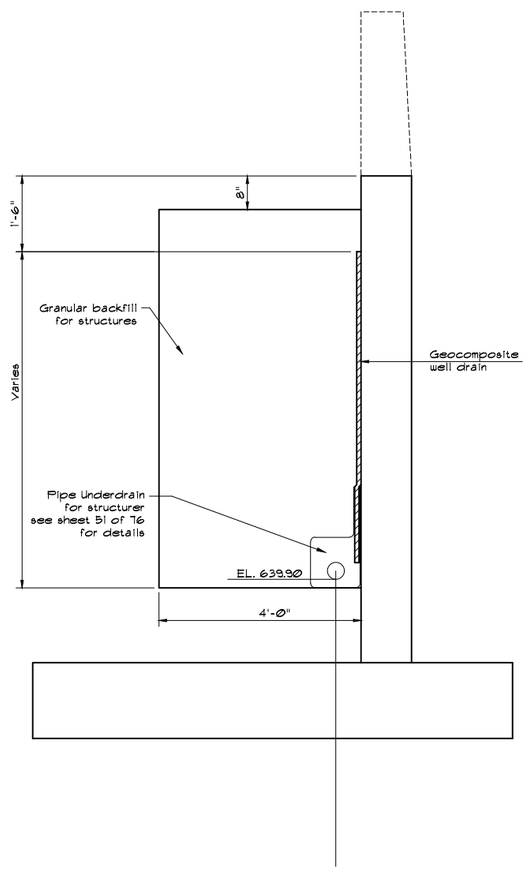
Bar h_{67}(E)



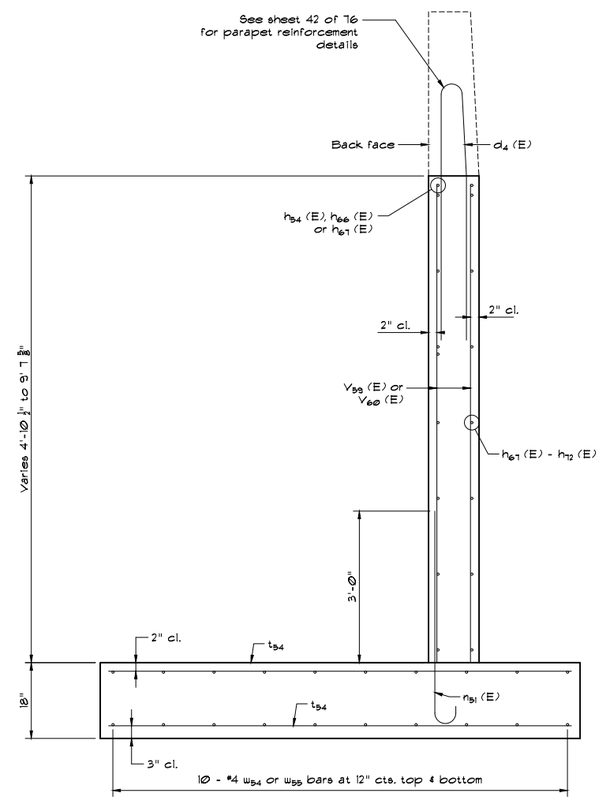
Bar d_4(E)



Bar h_{50}(E)



DRAINAGE DETAIL



SECTION THROUGH WALL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d_1(E)	99	#5	6'-8"	
d_4(E)	97	#5	11'-0"	
e_2(E)	10	#4	28'-3"	
e_3(E)	10	#4	4'-8"	
e_{26}(E)	10	#4	32'-2"	
h_{50}(E)	10	#4	9'-4"	
h_{54}(E)	14	#4	3'-8"	
h_{66}(E)	2	#4	28'-3"	
h_{67}(E)	2	#4	32'-3"	
h_{68}(E)	2	#4	2'-11"	
h_{69}(E)	2	#4	21'-0"	
h_{70}(E)	2	#4	14'-3"	
h_{71}(E)	10	#4	28'-2"	
h_{72}(E)	8	#4	32'-3"	
n_{51}(E)	91	#5	4'-9"	
t_{54}	124	#5	9'-2"	
v_{58}(E)	8	#4	8'-9"	
v_{59}(E)	53	#4	9'-6"	
v_{60}(E)	61	#4	7'-3"	
w_{54}	20	#4	28'-2"	
w_{55}	20	#4	32'-2"	
Structure Excavation			Cu. Yd.	--
Reinforcement Bars			Pound.	1990
Reinforcement Bars, Epoxy Coated			Pound	3950
Concrete Structures (Retaining Wall)			Cu. Yd.	58.9
Granular Backfill for Structures			Cu. Yd.	46
Geocompostie Wall Drain			Sq. Yd.	28
Rubbed Finish			Sq. Ft.	319.0

SHEET 53 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW
CHECKED BY: JKC
DATE: 08/2023

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

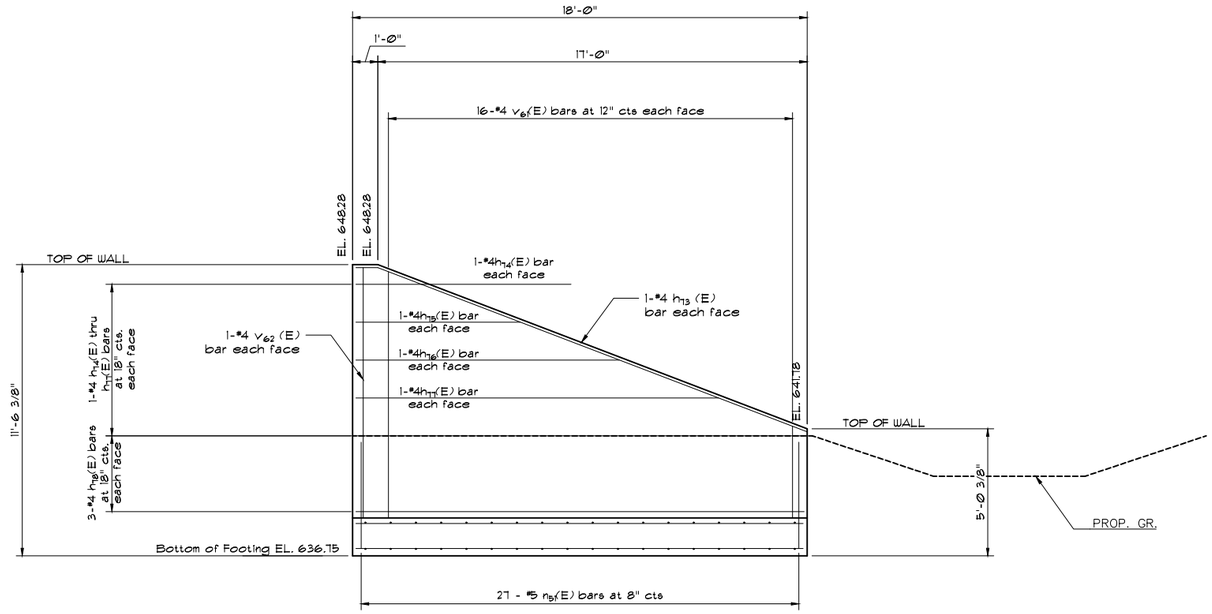
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

SOUTHEAST
RETAINING WALL DETAILS
SN 050 7500

CONSTRUCTION PLANS

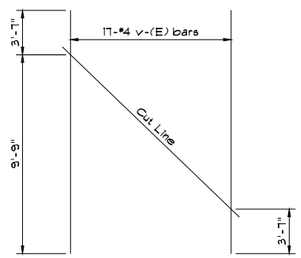
CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 109
FILE NO.: 66437.00 Y-
OF 183



NORTHEAST WALL (LOOKING EAST)

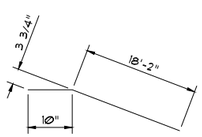
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_{73}(E)	2	#4	19'-0"	
h_{74}(E)	2	#4	2'-7"	
h_{75}(E)	2	#4	6'-6"	
h_{76}(E)	2	#4	10'-5"	
h_{77}(E)	2	#4	14'-4"	
h_{78}(E)	6	#4	17'-8"	
n_{51}(E)	27	#5	4'-9"	
t_{53}	36	#5	6'-8"	
		#4		
v_{61}(E)	16	#4	13'-4"	
v_{62}(E)	2	#4	9'-10"	
w_{56}	14	#4	17'-8"	
Structure Excavation			Cu. Yd.	--
Reinforcement Bars			Pound.	420
Reinforcement Bars, Epoxy Coated			Pound	430
Concrete Structures (Retaining Wall)			Cu. Yd.	11.6
Granular Backfill for Structures			Cu. Yd.	13
Geocompostie Wall Drain			Sq. Yd.	9
Rubbed Finish			Sq. Ft.	84.8

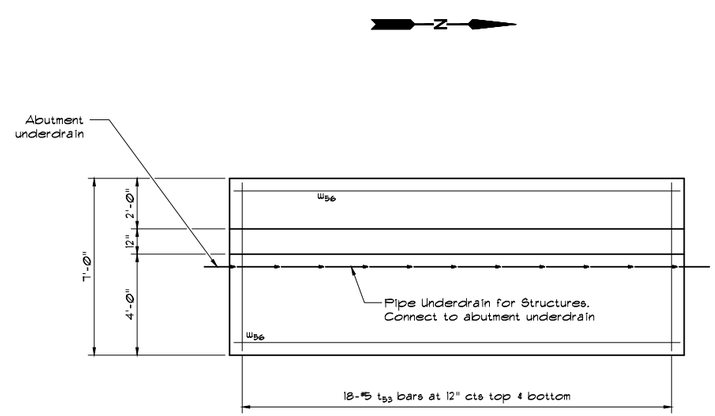


FIELD CUTTING DIAGRAM

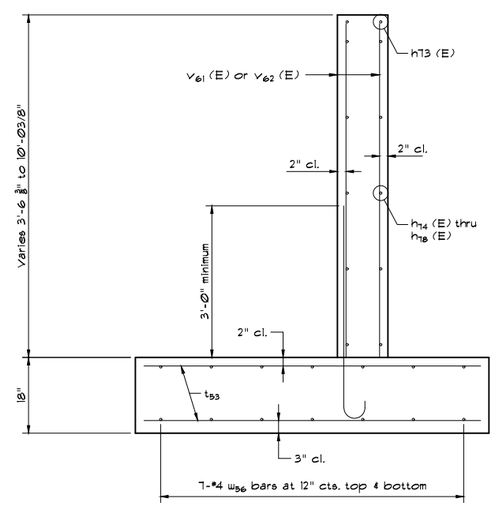
Order v_{61}(E) bars full length
Cut as shown and use remainder
of bars in opposite face

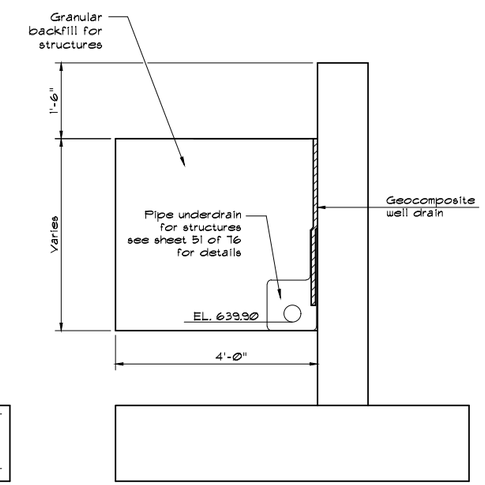


Bar h_{73}(E)



PLAN - NORTHEAST WALL





DRAINAGE DETAIL

SHEET 54 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 08/2023					

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

NORTHEAST
RETAINING WALL DETAILS
SN 050 7500

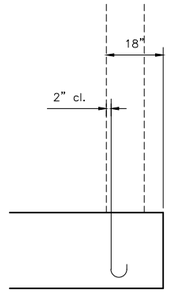
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	110	
FILE NO.: 66437.00 Y-	OF	183	

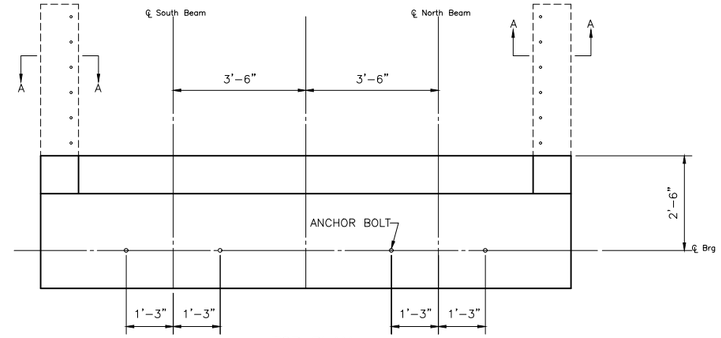
Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

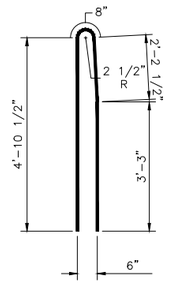
Type: HP10X42
Nominal Required Bearing: 335
Factored Resistance Available: 184
Est. Length: 29
No. Production Piles: 3
No. Test Piles: 1
No. Pile Shoes: 4



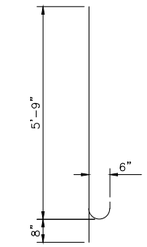
SECTION A–A



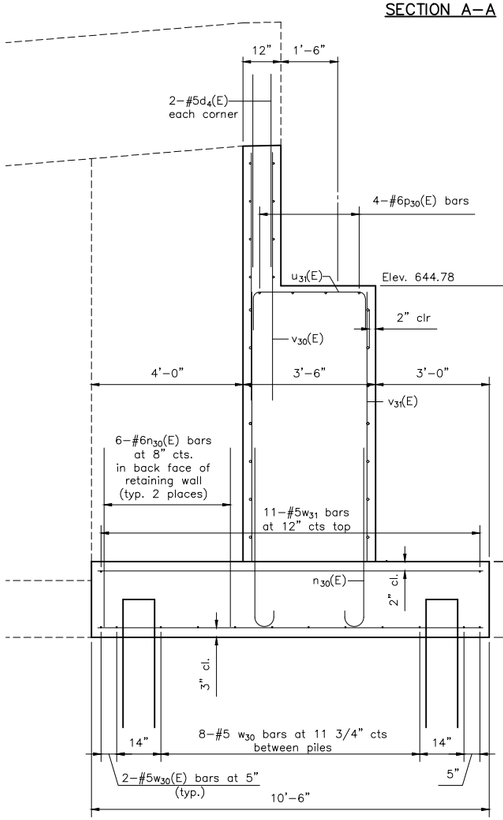
TOP PLAN



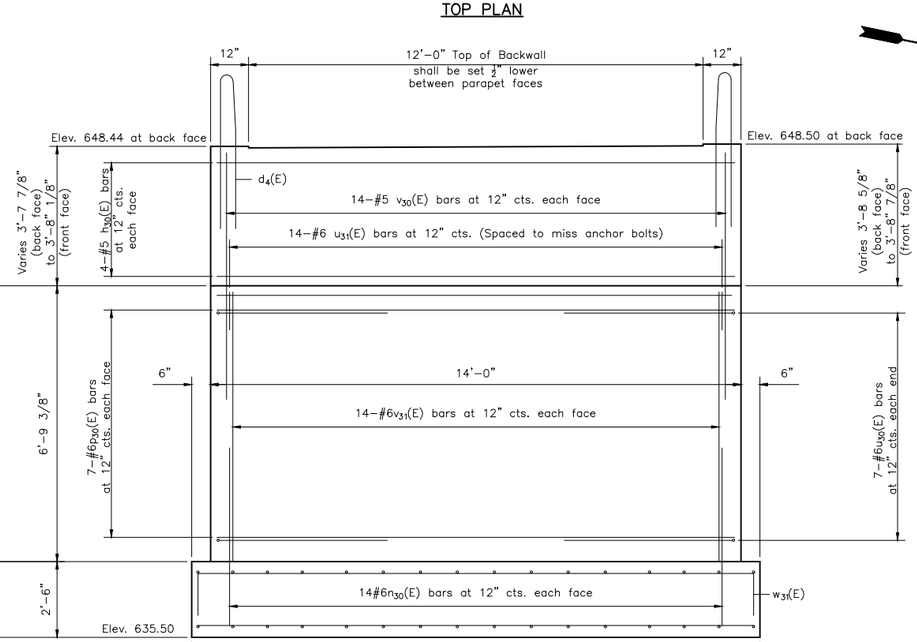
Bar $d_4(E)$



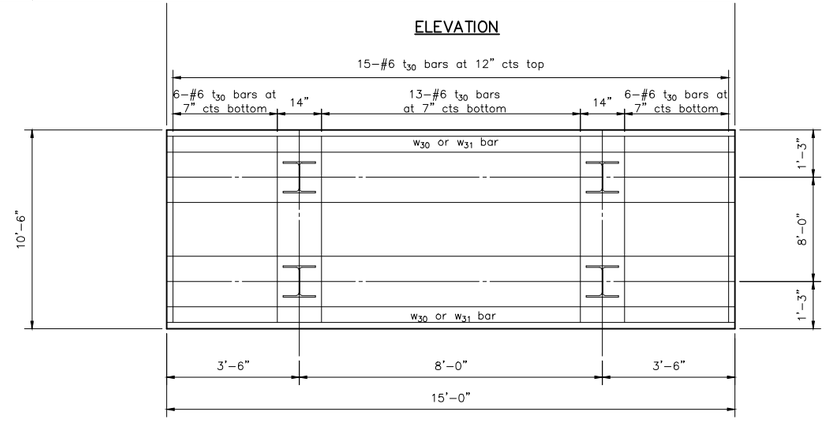
Bar $n_{30}(E)$



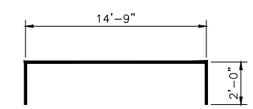
END VIEW



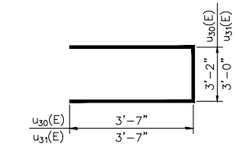
ELEVATION



FOOTING PLAN



Bar w_{31}



Bar u_{30} & u_{31}

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$d_4(E)$	4	#5	11'–0"	
$h_{30}(E)$	8	#5	13'–9"	
$n_{30}(E)$	40	#6	6'–5"	
$p_{30}(E)$	14	#6	13'–9"	
t_{30}	40	#6	10'–3"	
$u_{30}(E)$	14	#6	10'–4"	
$u_{31}(E)$	14	#6	10'–2"	
$v_{30}(E)$	28	#6	6'–7"	
$v_{31}(E)$	28	#6	6'–7"	
w_{30}	12	#6	14'–9"	
w_{31}	11	#5	18'–9"	
Structure Excavation			Cu. Yd.	59.2
Concrete Structures			Cu. Yd.	28.8
Reinforcement Bars, Epoxy Coated			Pound	1820
Reinforcement Bars			Pound	1100
Furnishing HP10X42 Piles			Foot	87
Driving Piles			Foot	87
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	89.9
Pile Shoes			Each	4

SHEET 55 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 01/2024				

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

WEST ABUTMENT
SN 050-7500

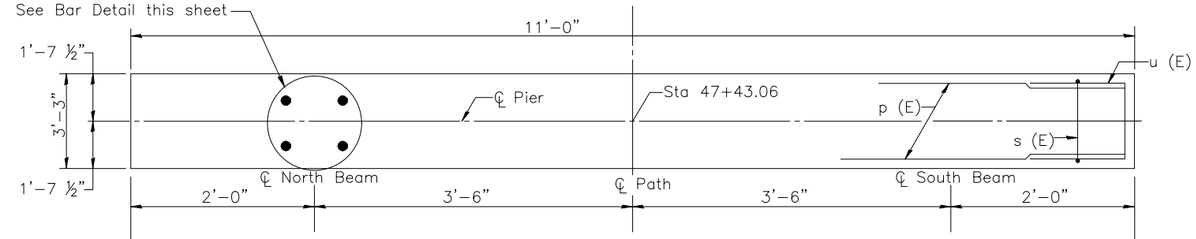
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 111
FILE NO.: 66437.00 Y–	OF 183

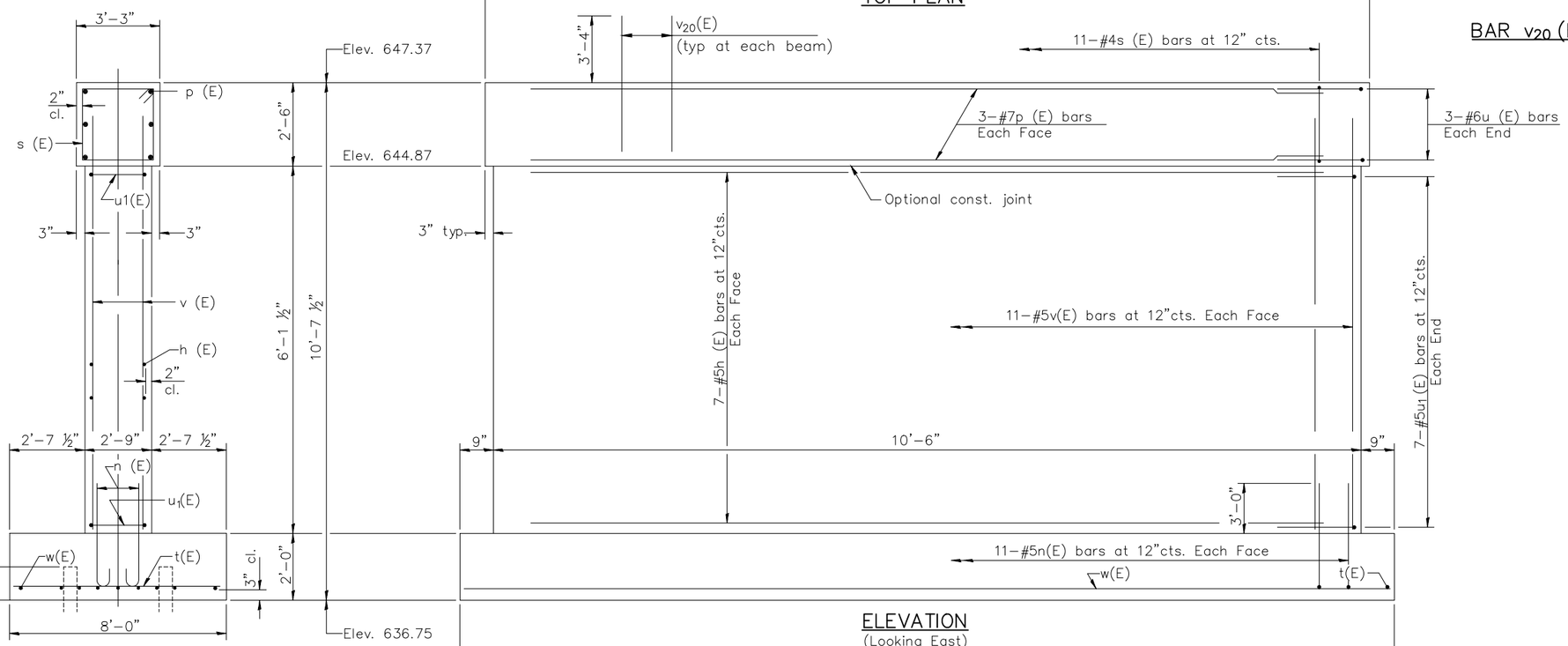
Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10X42
Nominal Required Bearing: 199
Factored Resistance Available: 110
Est. Length: 24
No. Production Piles: 3
No. Test Piles: 1
No. Pile Shoes: 4

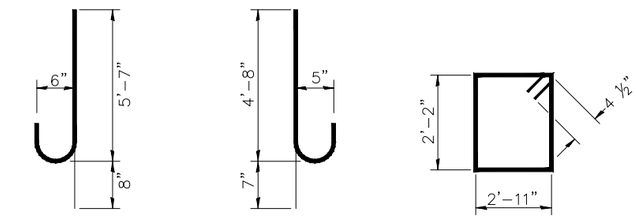


TOP PLAN

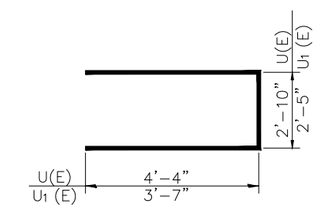


END VIEW

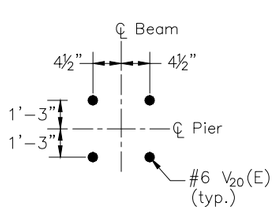
ELEVATION
(Looking East)



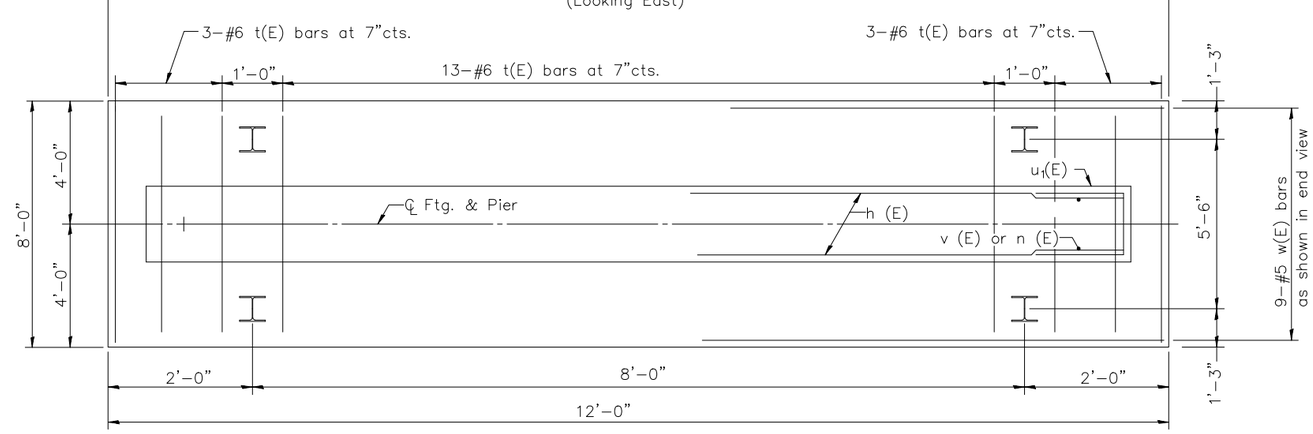
BAR v_{20} (E) BAR n (E) BAR s (E)



BARS u (E) & u_1 (E)



BAR DETAIL
(Typical at each Beam)



FOOTING PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	14	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1(E)	14	#5	9'-7"	
v (E)	22	#5	8'-1"	
v_{20}(E)	8	#6	6'-3"	
w (E)	9	#5	11'-6"	
Structure Excavation			Cu. Yd.	33
Concrete Structures			Cu. Yd.	17.0
Reinforcement Bars, Epoxy Coated			Pound	1,310
Furnishing HP10X42 Piles			Foot	72
Driving Piles			Foot	72
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	187.3
Pile Shoes			Each	4

SHEET 56 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS		
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		
DATE: 01/2024			

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #1
SN 050-7500

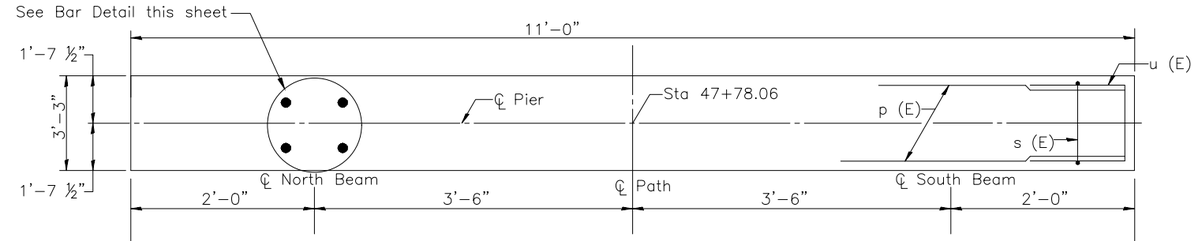
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	112	
FILE NO.: 66437.00 Y-	OF	183	

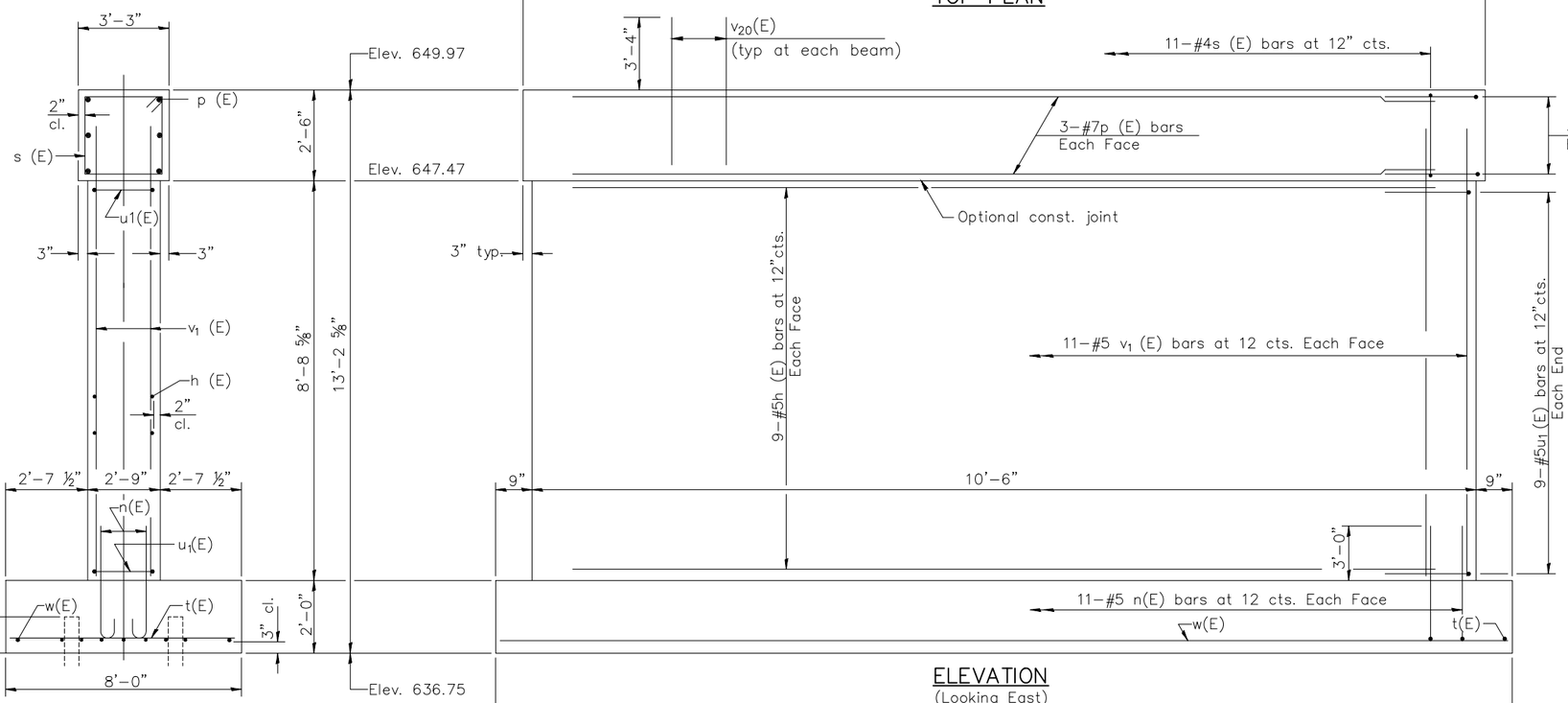
Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 199
Factored Resistance Available: 110
Est. Length: 24
No. Production Piles: 4
No. Pile Shoes: 4

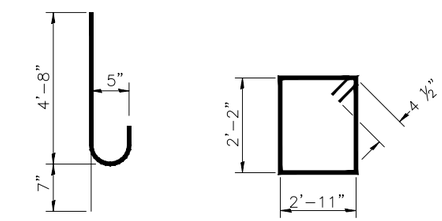


TOP PLAN



END VIEW

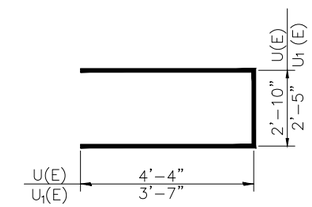
ELEVATION
(Looking East)



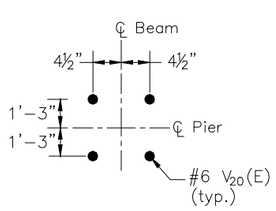
BAR v_{20} (E)

BAR n (E)

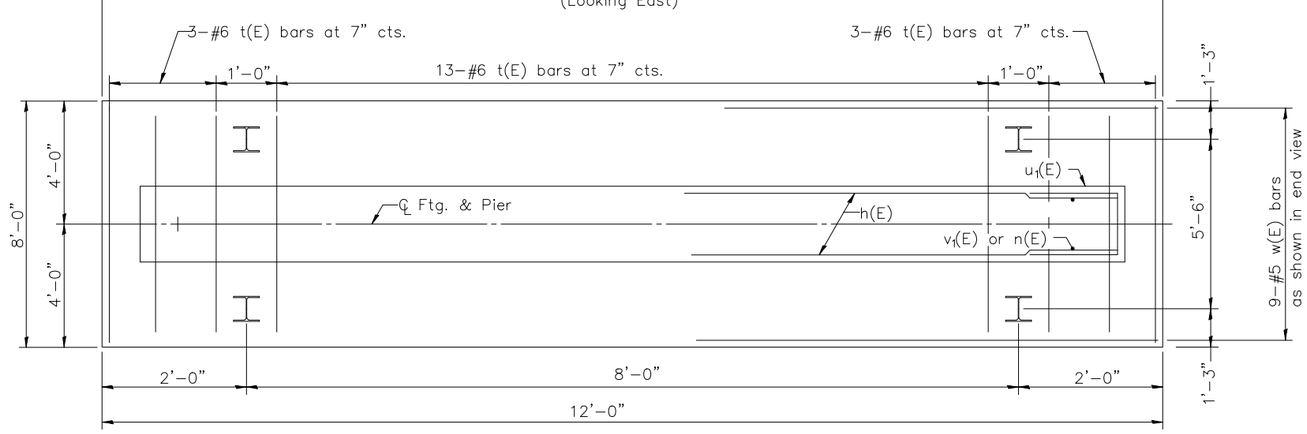
BAR s (E)



BARS u (E) & u_1 (E)



BAR DETAIL
(Typical at each Beam)



FOOTING PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	18	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1(E)	18	#5	9'-7"	
v_1(E)	22	#5	10'-8"	
v_{20}(E)	8	#6	6'-3"	
w (E)	9	#5	11'-6"	
Structure Excavation			Cu. Yd.	36
Concrete Structures			Cu. Yd.	19.7
Reinforcement Bars, Epoxy Coated			Pound	1,460
Furnishing HP10X42 Piles			Foot	96
Driving Piles			Foot	96
Rubbed Finish			Sq. Ft.	256.2
Pile Shoes			Each	4

SHEET 57 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS
CHECKED BY: JKC
DATE: 01/2024

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #2
SN 050-7500

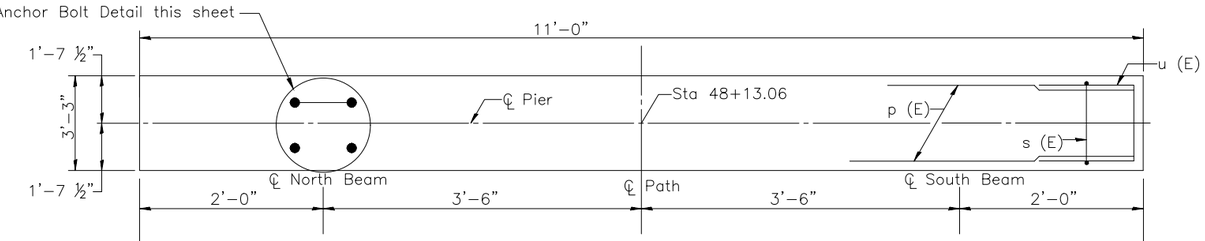
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 113
FILE NO.: 66437.00 Y-
OF 183

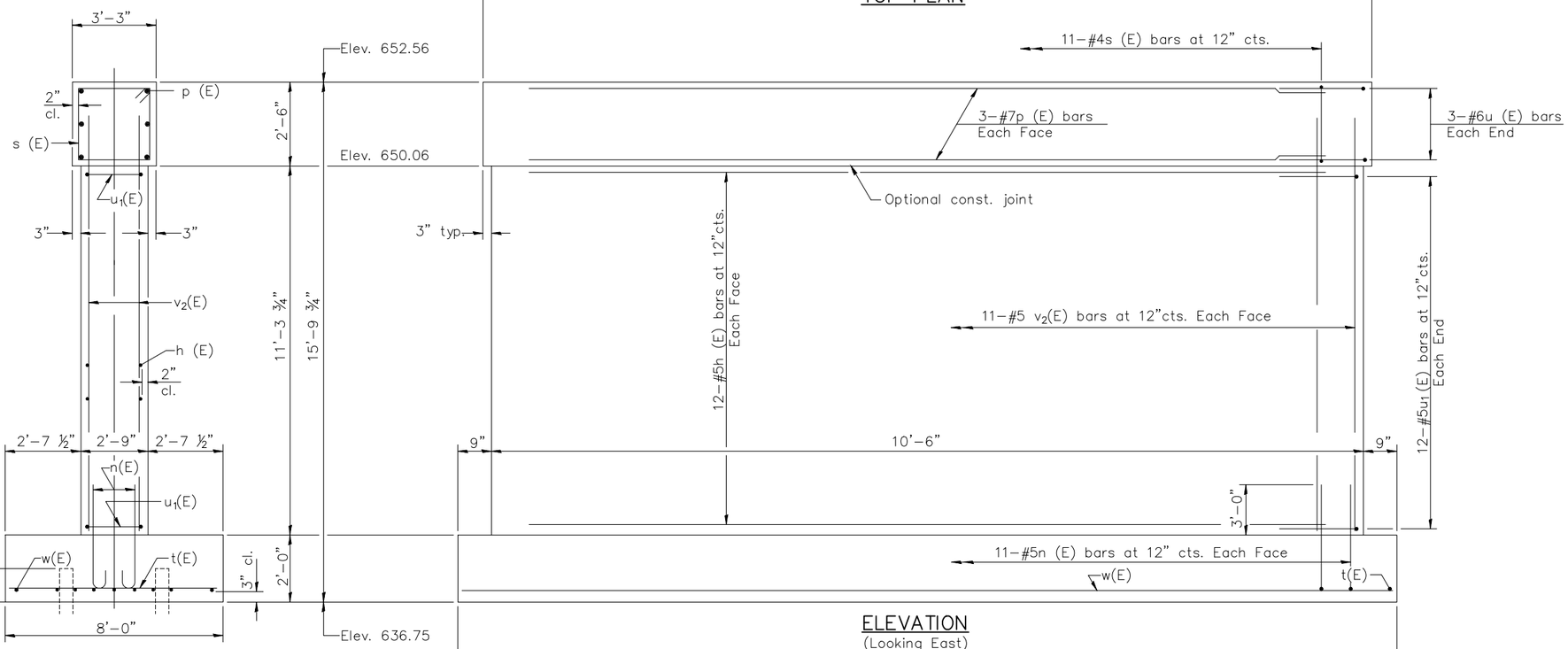
Notes:
For details of piles, see sheet 71 of 76.
Space reinforcement in cap to miss anchor bolts

PILE DATA

Type: HP10x42
Nominal Required Bearing: 199
Factored Resistance Available: 110
Est. Length: 24
No. Production Piles: 4
No. Pile Shoes: 4

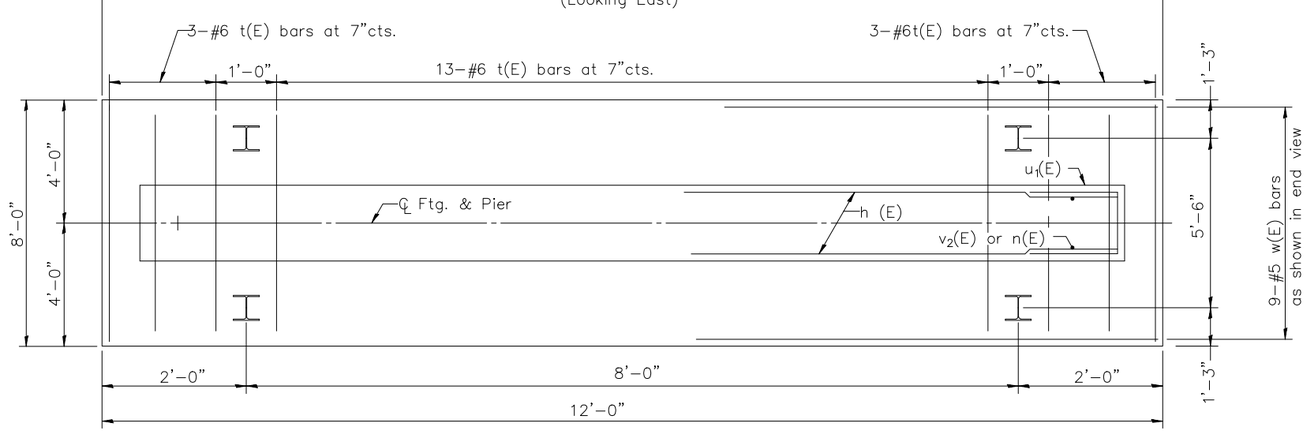


TOP PLAN

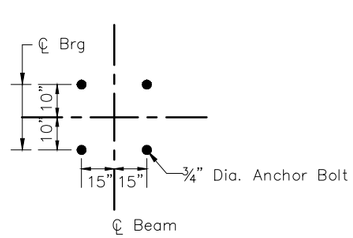


END VIEW

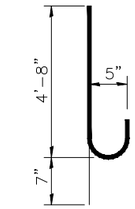
ELEVATION
(Looking East)



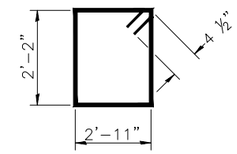
FOOTING PLAN



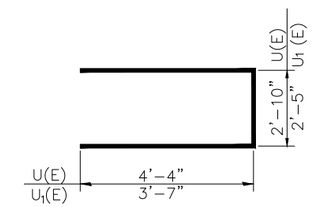
ANCHOR BOLT LAYOUT
(Typical at each Beam)



BAR n (E)



BAR s (E)



BARS u (E) & u1 (E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	24	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1(E)	24	#5	9'-7"	
v_{20}(E)	22	#5	13'-3"	
w (E)	9	#5	11'-8"	
Structure Excavation			Cu. Yd.	36
Concrete Structures			Cu. Yd.	22.5
Reinforcement Bars, Epoxy Coated			Pound	1,570
Furnishing HP10X42 Piles			Foot	96
Driving Piles			Foot	96
Rubbed Finish			Sq. Ft.	324.8
Pile Shoes			Each	4

SHEET 58 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

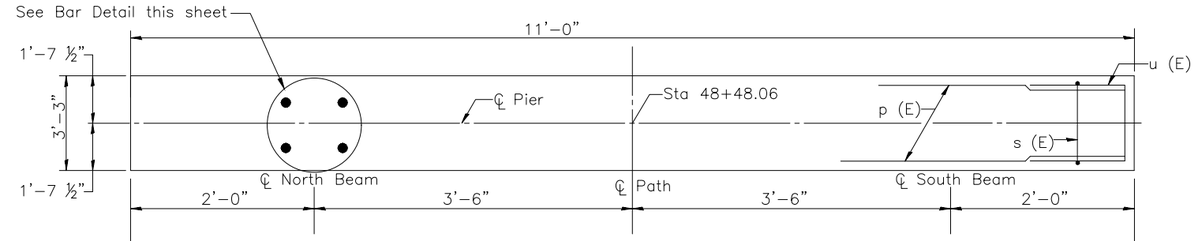
DRAWN BY: DS	REVISIONS	PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		PIER #3 SN 050-7500
DATE: 01/2024			CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 114 OF 183
FILE NO.: 66437.00 Y-

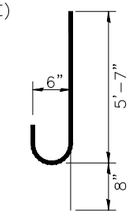
Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

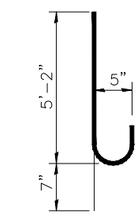
Type: HP10x42
Nominal Required Bearing: 199
Factored Resistance Available: 110
Est. Length: 24
No. Production Piles: 4
No. Pile Shoes: 4



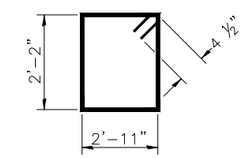
TOP PLAN



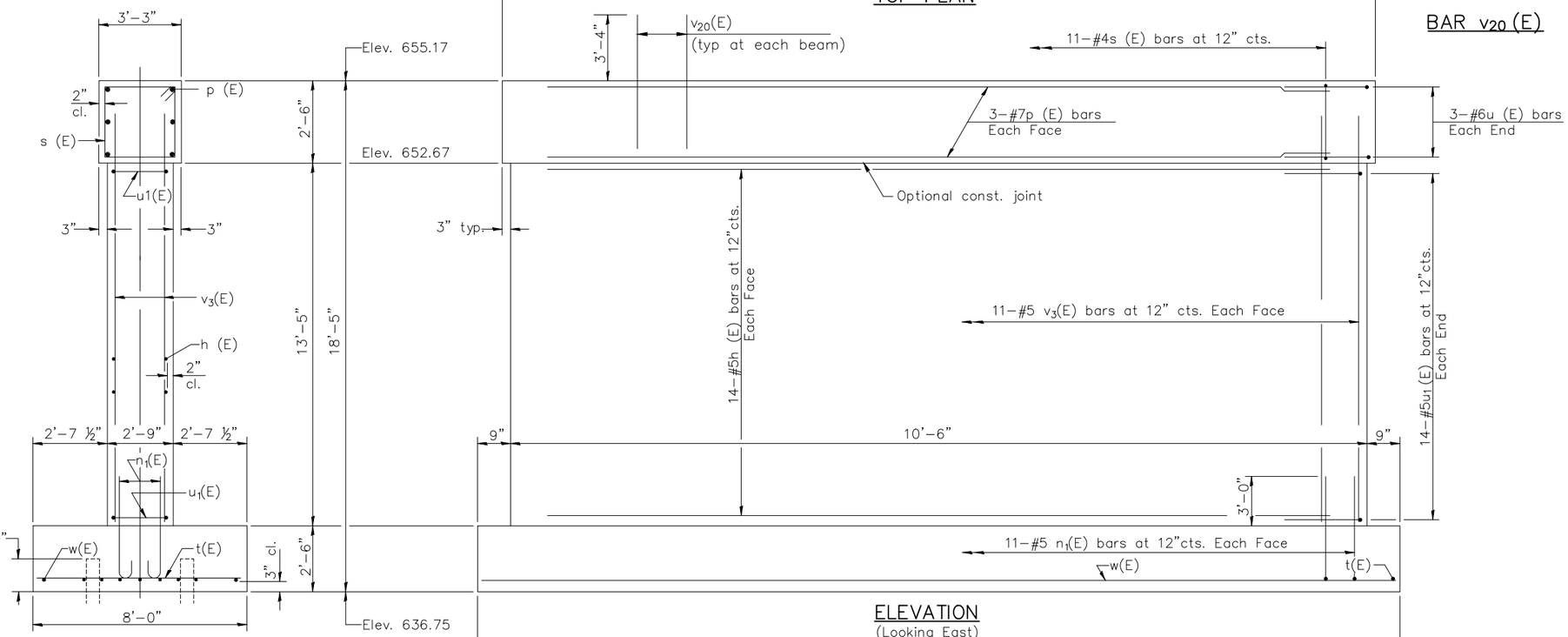
BAR v_{20} (E)



BAR n_1 (E)

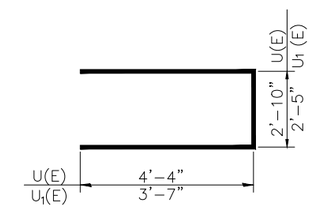


BAR s (E)

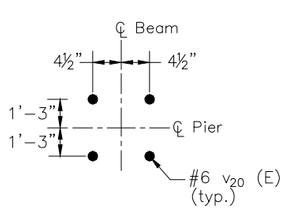


END VIEW

FOOTING PLAN



BARS u (E) & u_1 (E)



BAR DETAIL
(Typical at each Beam)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	28	#5	10'-3"	
n_1(E)	22	#5	5'-9"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1(E)	28	#5	9'-7"	
v_3(E)	22	#5	15'-5"	
v_{20}(E)	8	#6	6'-3"	
w (E)	9	#5	11'-6"	
Structure Excavation			Cu. Yd.	32
Concrete Structures			Cu. Yd.	26.6
Reinforcement Bars, Epoxy Coated			Pound	1,780
Furnishing HP10X42 Piles			Foot	96
Driving Piles			Foot	96
Rubbed Finish			Sq. Ft.	394.0
Pile Shoes			Each	4

SHEET 59 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS		
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		
DATE: 01/2024			

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #4
SN 050-7500

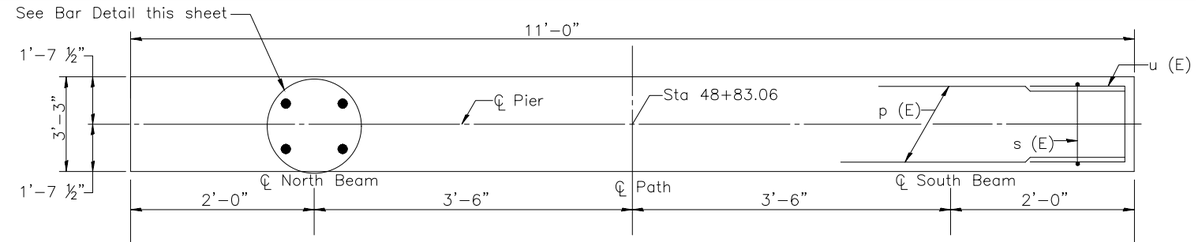
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 115 OF 183

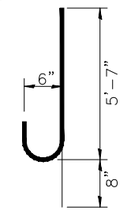
Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

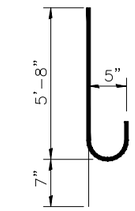
Type: HP10x42
Nominal Required Bearing: 206
Factored Resistance Available: 115
Est. Length: 25
No. Production Piles: 3
No. Test Piles: 1
No. Pile Shoes: 4



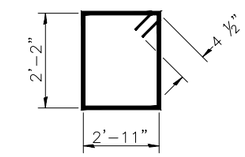
TOP PLAN



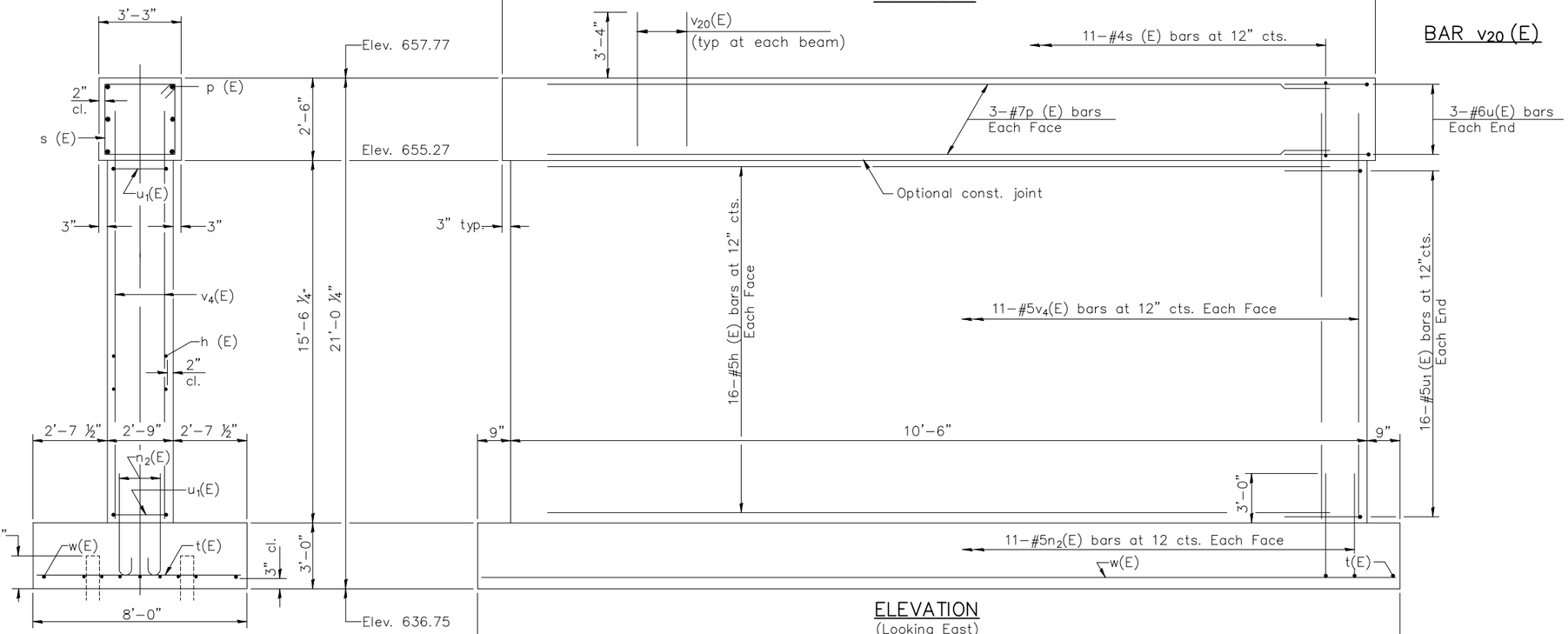
BAR v_{20} (E)



BAR n_2 (E)

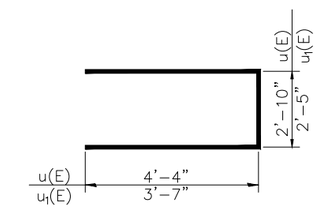


BAR s (E)

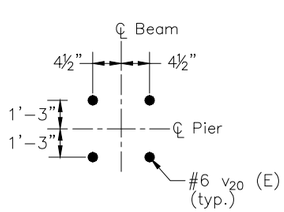


END VIEW

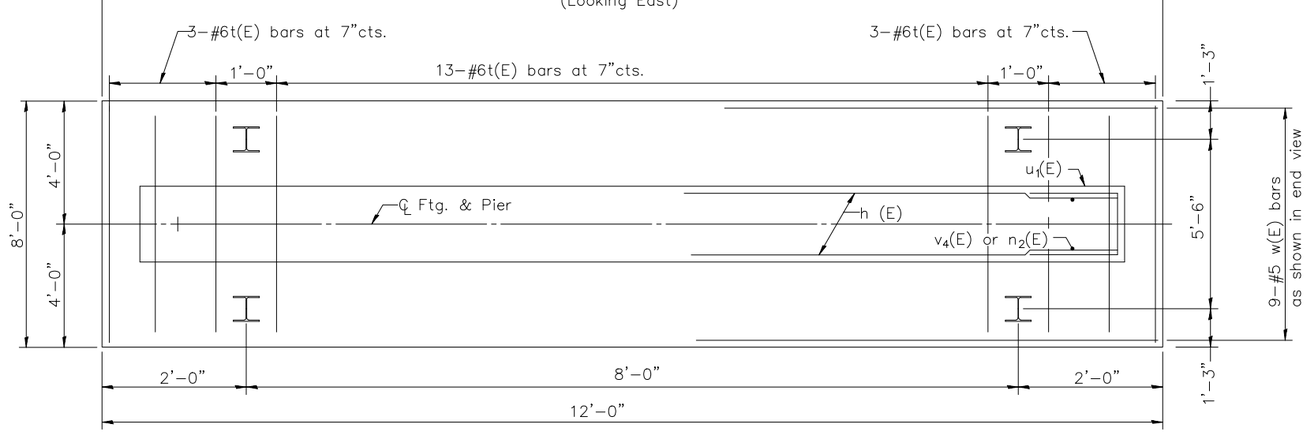
ELEVATION
(Looking East)



BARS u (E) & u_1 (E)



BAR DETAIL
(Typical at each Beam)



FOOTING PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	32	#5	10'-3"	
n_2(E)	22	#5	6'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1(E)	32	#5	9'-7"	
v_4(E)	22	#5	17'-6"	
v_{20}(E)	8	#6	6'-3"	
w (E)	9	#5	11'-6"	
Structure Excavation			Cu. Yd.	23
Concrete Structures			Cu. Yd.	30.6
Reinforcement Bars, Epoxy Coated			Pound	1,930
Furnishing HP10X42 Piles			Foot	75
Driving Piles			Foot	75
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	482.8
Pile Shoes			Each	4

SHEET 60 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: DS
CHECKED BY: JKC
DATE: 01/2024

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #5
SN 050-7500

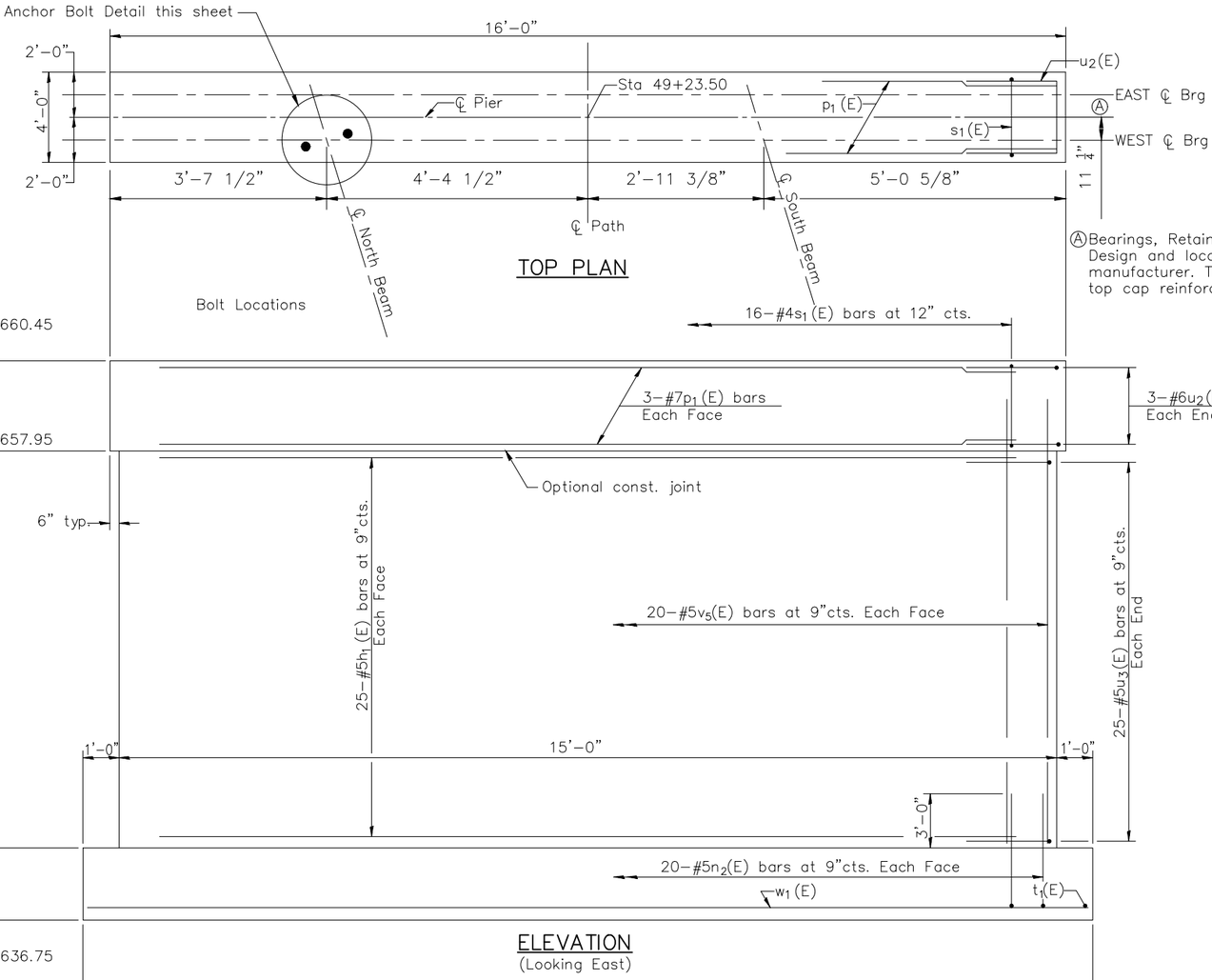
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 116
FILE NO.: 66437.00 Y-
OF 183

Notes:
For details of piles, see sheet 71 of 76.
Space reinforcement in cap to miss anchor bolts

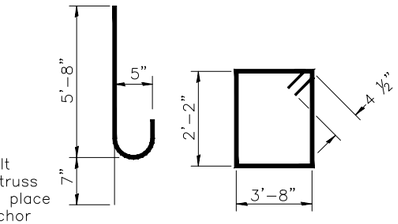
PILE DATA

Type: HP10x42
Nominal Required Bearing: 199
Factored Resistance Available: 110
Est. Length: 25
No. Production Piles: 5
No. Test Piles: 1
No. Pile Shoes: 6

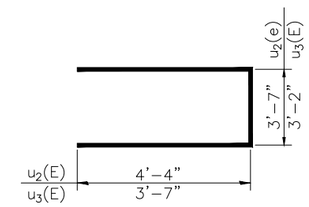


TOP PLAN

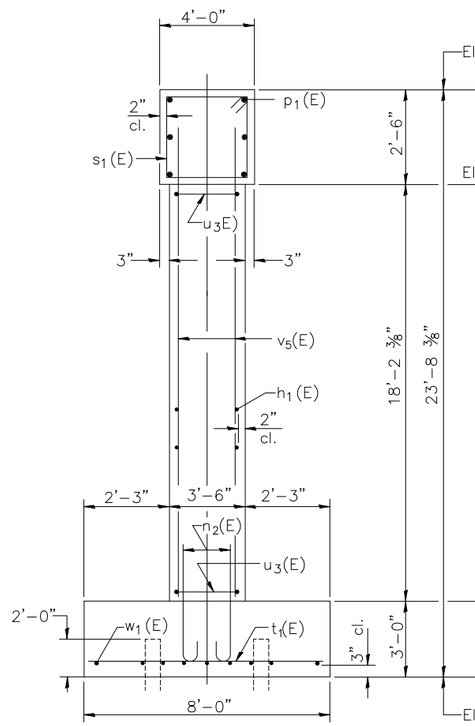
Ⓐ Bearings, Retainers and Anchor Bolt Design and locations are per the truss manufacturer. The Contractor shall place top cap reinforcement to miss Anchor



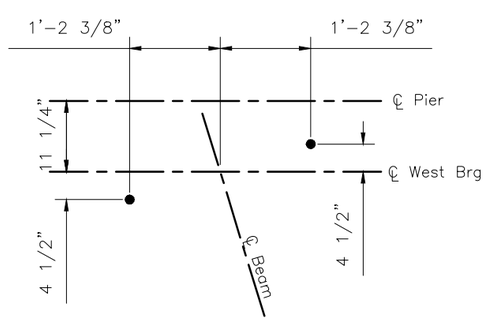
BAR n_2 (E) BAR s_1(E)



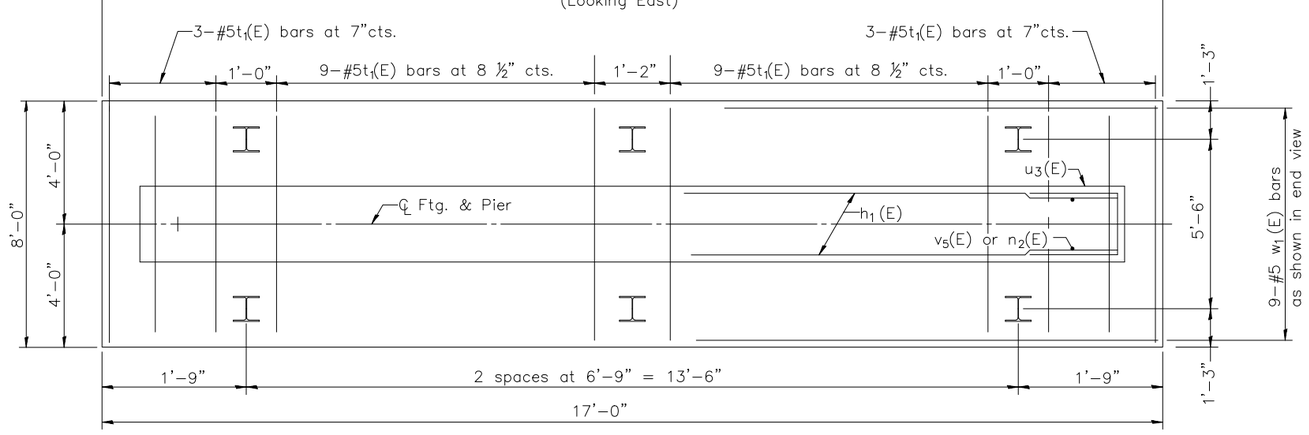
BARS u_2(E) & u_3(E)



END VIEW



ANCHOR BOLT LAYOUT



FOOTING PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1(E)	50	#5	14'-9"	
n_2(E)	40	#5	6'-3"	
p_1(E)	6	#7	15'-8"	
s_1(E)	16	#4	12'-5"	
t_1(E)	24	#5	7'-9"	
u_2(E)	6	#6	12'-3"	
u_3(E)	50	#5	10'-4"	
v_5(E)	40	#5	20'-2"	
w_1(E)	9	#5	16'-6"	
Structure Excavation			Cu. Yd.	42
Concrete Structures			Cu. Yd.	56.4
Reinforcement Bars, Epoxy Coated			Pound	3,190
Furnishing HP10X42 Piles			Foot	125
Driving Piles			Foot	125
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	766.4
Pile Shoes			Each	6

SHEET 61 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS		
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		
DATE: 01/2024			

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #6
SN 050-7500

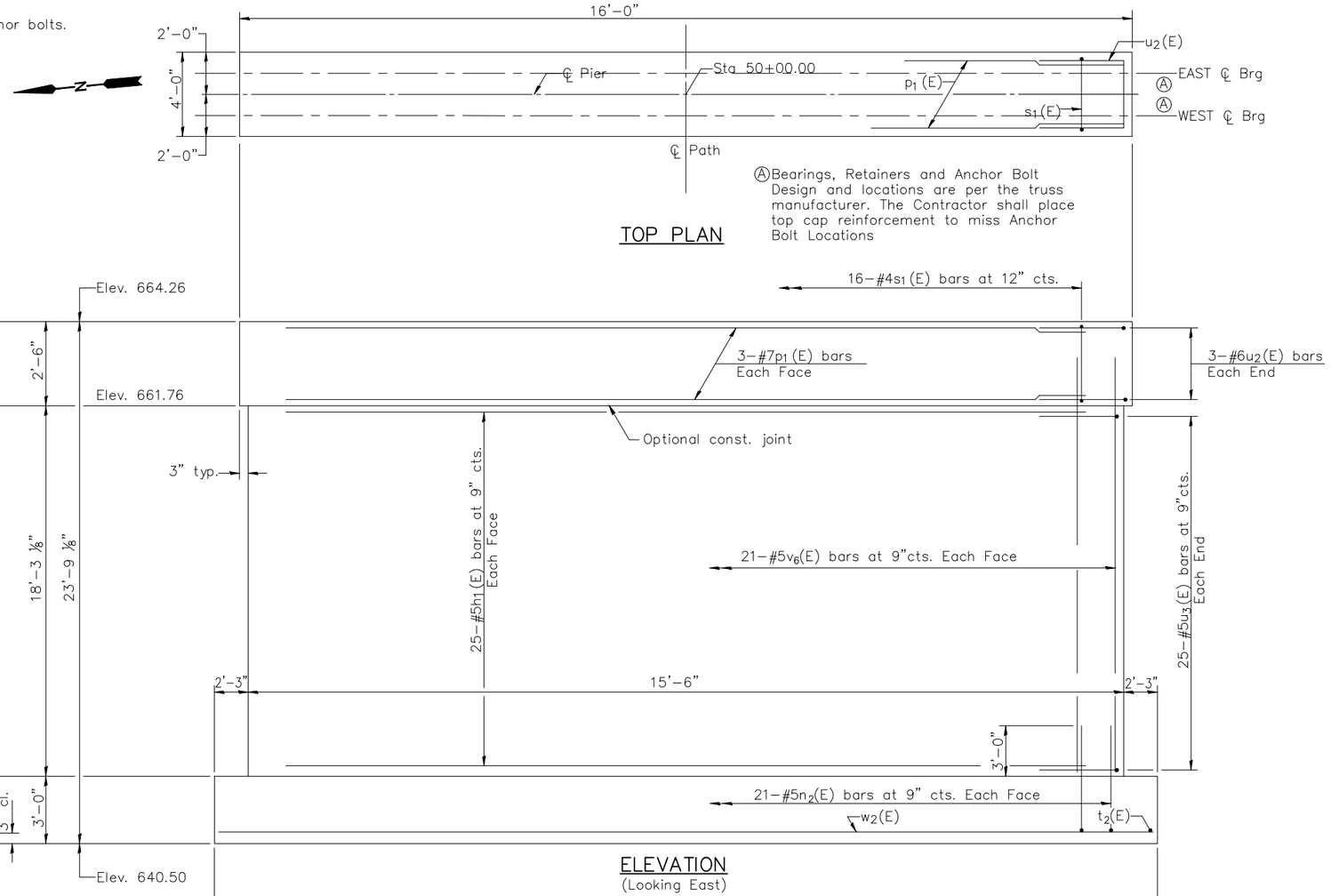
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	117	
FILE NO.: 66437.00 Y-	OF	183	

Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 294
Factored Resistance Available: 162
Est. Length: 28
No. Production Piles: 5
No. Test Piles: 1
No. Pile Shoes: 6

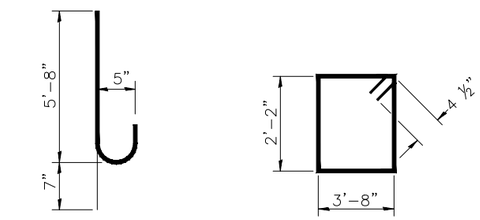


TOP PLAN

END VIEW

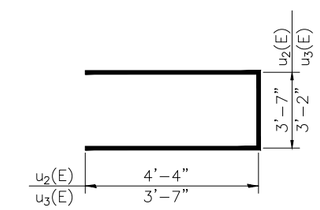
ELEVATION
(Looking East)

FOOTING PLAN



BAR n (E)

BAR s_1(E)



BARS u_2(E) & u_3(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1(E)	50	#5	14'-9"	
n_2(E)	42	#5	6'-3"	
p_1(E)	6	#7	15'-8"	
s_1(E)	16	#4	12'-5"	
t_2(E)	30	#5	8'-9"	
u_2(E)	6	#6	12'-3"	
u_3(E)	50	#5	10'-4"	
v_6(E)	42	#5	20'-3"	
w_2(E)	9	#5	19'-6"	
Structure Excavation			Cu. Yd.	29
Concrete Structures			Cu. Yd.	62.6
Reinforcement Bars, Epoxy Coated			Pound	3,360
Furnishing HP10X42 Piles			Foot	140
Driving Piles			Foot	140
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	768.6
Pile Shoes			Each	6

SHEET 62 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 01/2024				

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #7
SN 050-7500

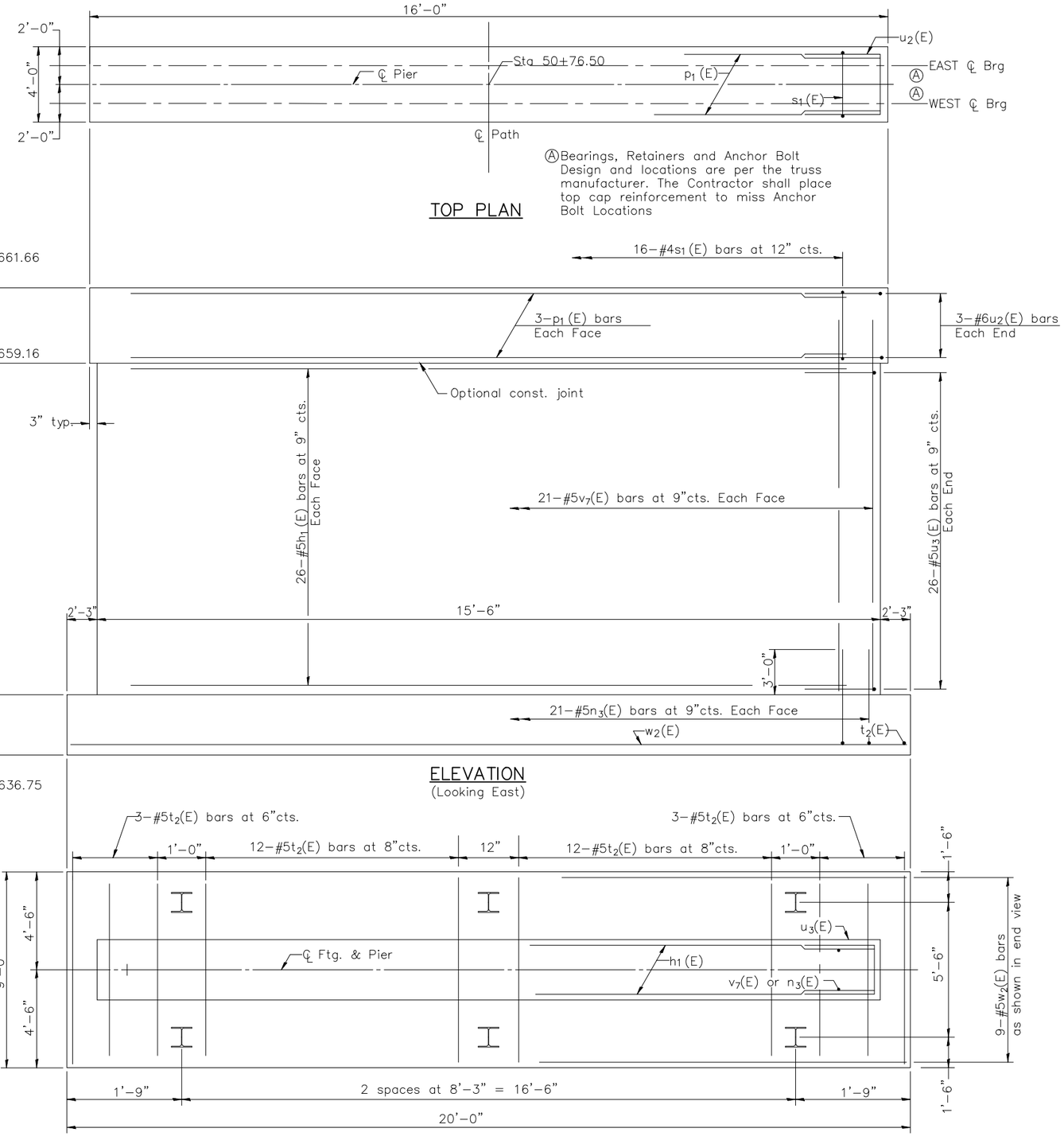
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 118 OF 183

Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 335
Factored Resistance Available: 184
Est. Length: 29
No. Production Piles: 5
No. Test Piles: 1
No. Pile Shoes: 6

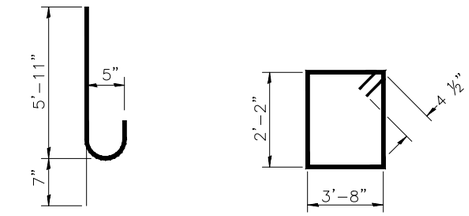


TOP PLAN

END VIEW

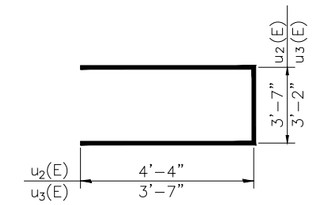
ELEVATION
(Looking East)

FOOTING PLAN



BAR n3(E)

BAR s1(E)



BARS u2(E) & u3(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	52	#5	14'-9"	
n3(E)	42	#5	6'-6"	
p1(E)	6	#7	15'-8"	
s1(E)	16	#4	12'-5"	
t2(E)	30	#5	8'-9"	
u2(E)	6	#6	12'-3"	
u3(E)	52	#5	10'-4"	
v7(E)	42	#5	21'-1"	
w2(E)	9	#5	19'-6"	
Structure Excavation			Cu. Yd.	47
Concrete Structures			Cu. Yd.	66.1
Reinforcement Bars, Epoxy Coated			Pound	3,460
Furnishing HP10X57 Piles			Foot	145
Driving Piles			Foot	145
Test Pile Steel HP10x57			Each	1
Rubbed Finish			Sq. Ft.	811.2
Pile Shoes			Each	6

SHEET 63 OF 76 BRIDGE SHEETS

"CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS		
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		
DATE: 01/2024			

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #8
SN 050-7500

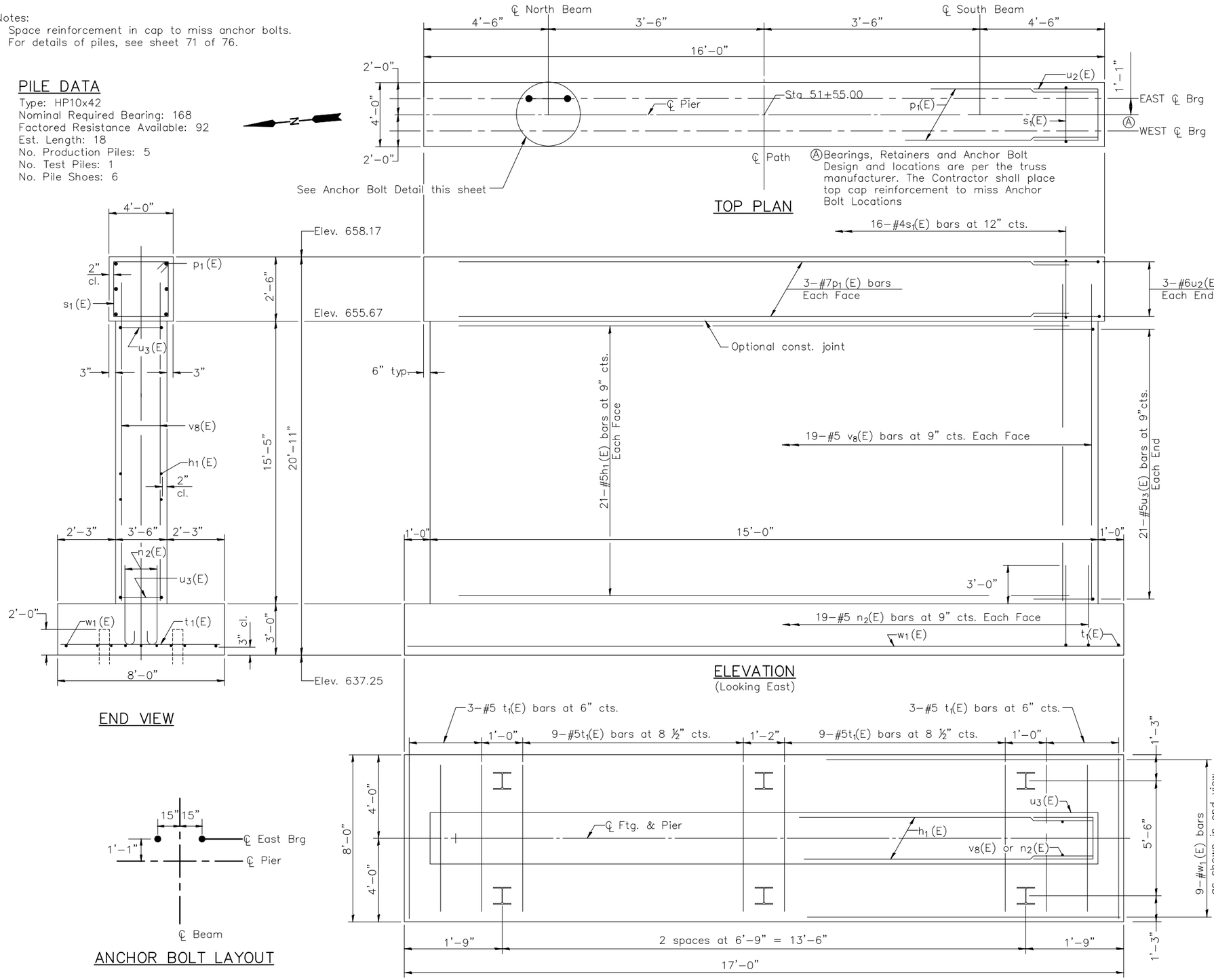
CONSTRUCTION PLANS

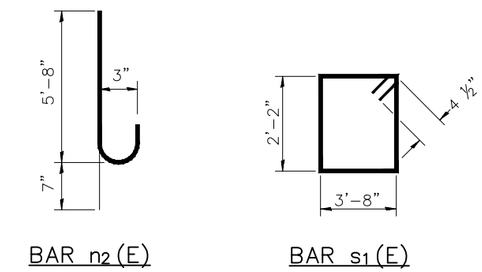
CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 119 OF 183

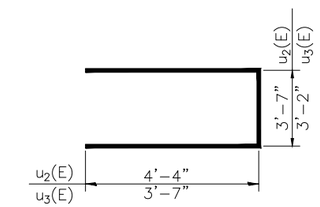
Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 168
Factored Resistance Available: 92
Est. Length: 18
No. Production Piles: 5
No. Test Piles: 1
No. Pile Shoes: 6







BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	42	#5	14'-9"	
n2(E)	38	#5	6'-3"	
p1(E)	6	#7	15'-8"	
s1(E)	16	#4	12'-5"	
t1(E)	24	#5	7'-9"	
u2(E)	6	#6	12'-3"	
u3(E)	42	#5	10'-4"	
v8(E)	38	#5	17'-5"	
w1(E)	9	#5	16'-6"	
Structure Excavation			Cu. Yd.	38
Concrete Structures			Cu. Yd.	51.0
Reinforcement Bars, Epoxy Coated			Pound	2820
Furnishing HP10X42 Piles			Foot	90
Driving Piles			Foot	90
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	663.5
Pile Shoes			Each	6

SHEET 64 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

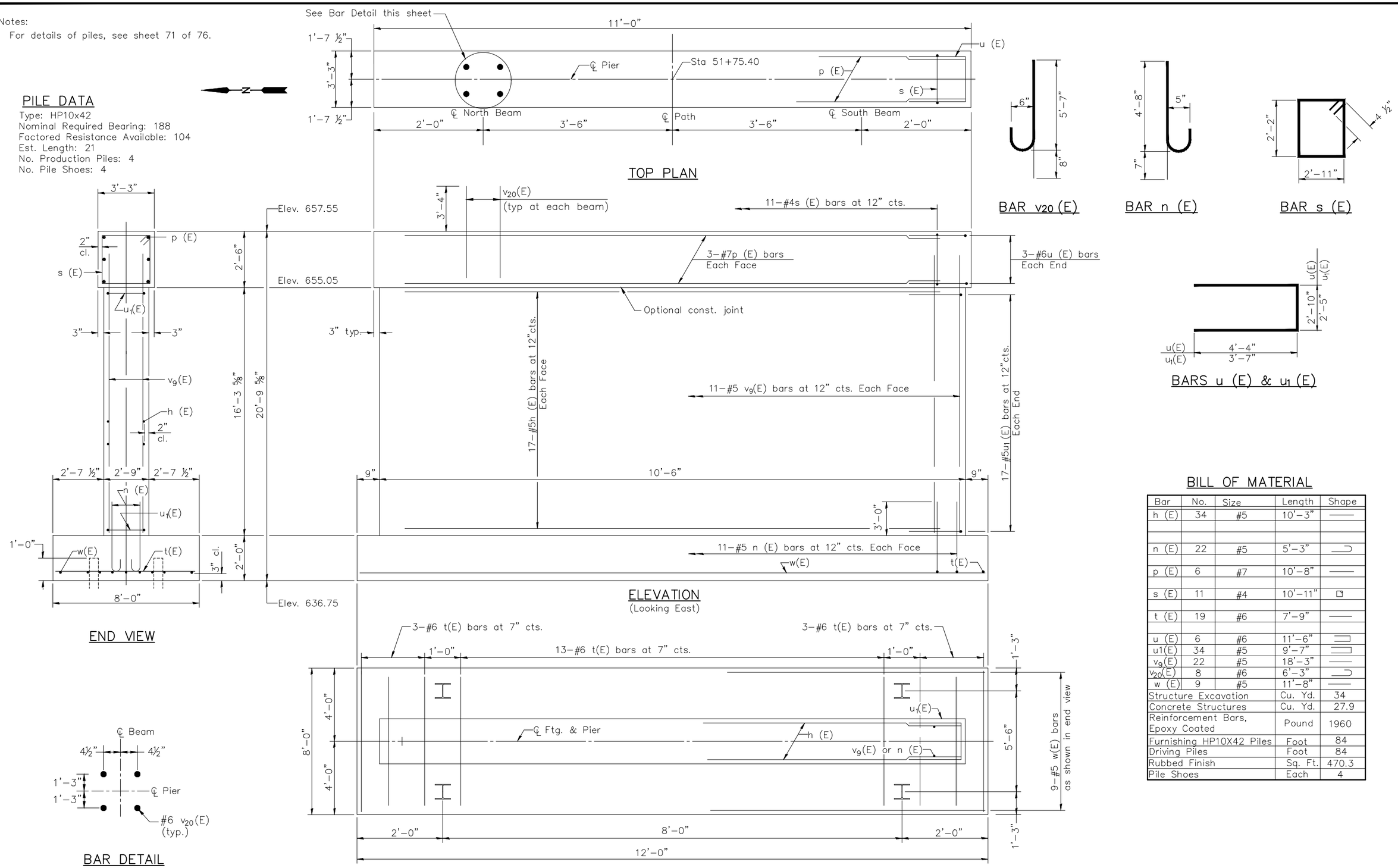
DRAWN BY: DS	REVISIONS	PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		PIER #9 SN 050-7500
DATE: 01/2024		Chamlin & Associates	CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 120 OF 183

Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 188
Factored Resistance Available: 104
Est. Length: 21
No. Production Piles: 4
No. Pile Shoes: 4



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	34	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u1(E)	34	#5	9'-7"	
v_9(E)	22	#5	18'-3"	
v_{20}(E)	8	#6	6'-3"	
w (E)	9	#5	11'-8"	
Structure Excavation			Cu. Yd.	34
Concrete Structures			Cu. Yd.	27.9
Reinforcement Bars, Epoxy Coated			Pound	1960
Furnishing HP10X42 Piles			Foot	84
Driving Piles			Foot	84
Rubbed Finish			Sq. Ft.	470.3
Pile Shoes			Each	4

SHEET 65 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS		
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION		
DATE: 01/2024			

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #10
SN 050-7500

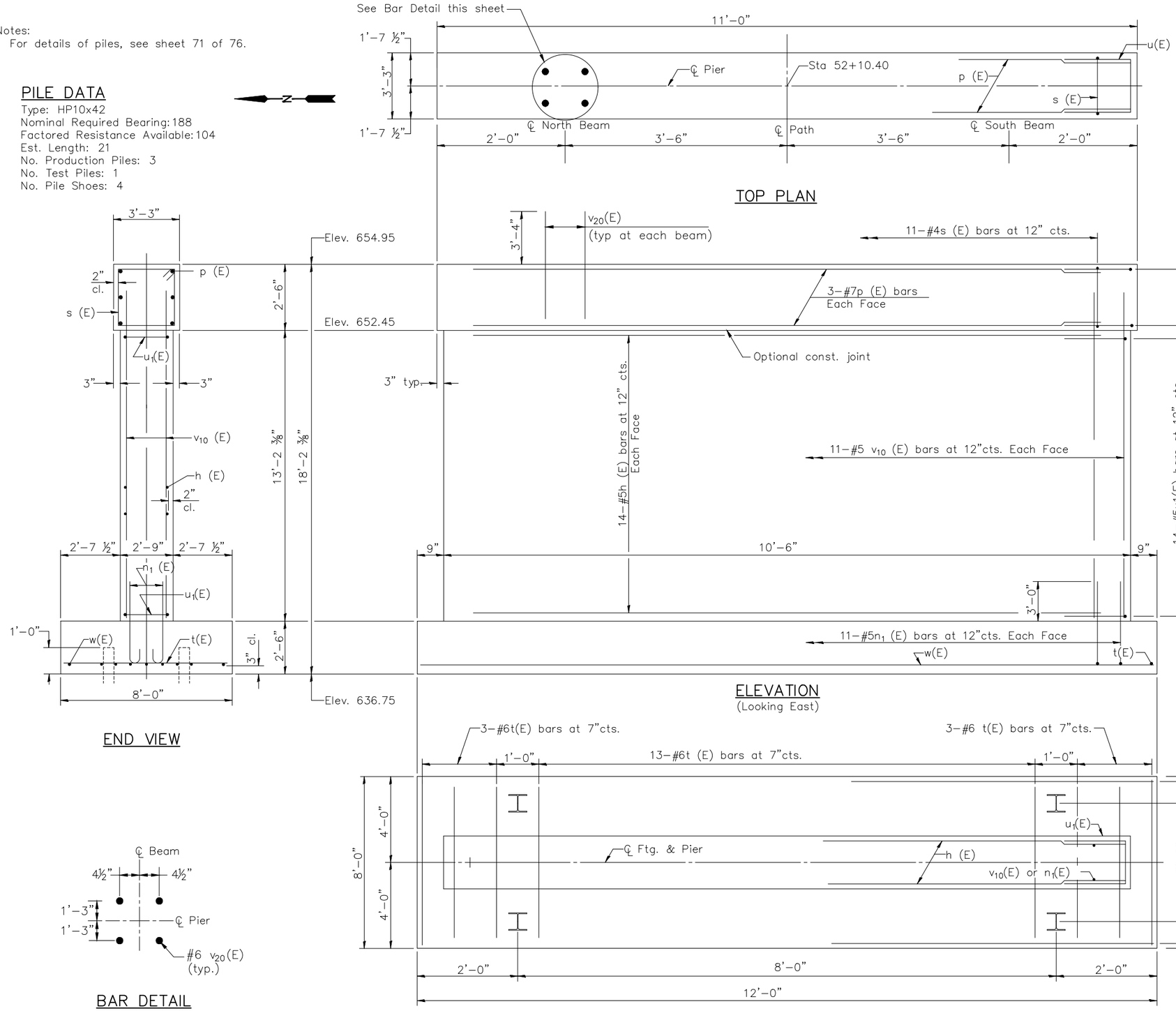
CONSTRUCTION PLANS

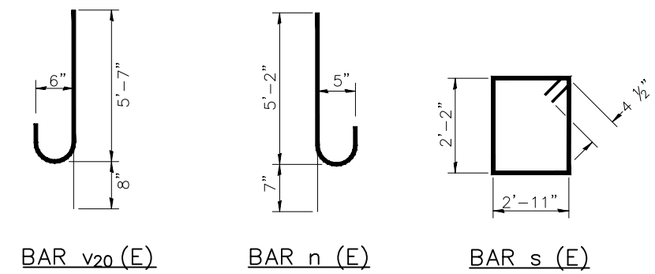
CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	121	
FILE NO.: 66437.00 Y-	OF	183	

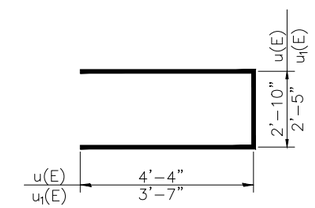
Notes:
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 188
Factored Resistance Available: 104
Est. Length: 21
No. Production Piles: 3
No. Test Piles: 1
No. Pile Shoes: 4







BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	28	#5	10'-3"	
n1 (E)	22	#5	5'-9"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u1(E)	28	#5	9'-7"	
v10 (E)	22	#5	15'-2"	
v20(E)	8	#6	6'-3"	
w (E)	9	#5	11'-8"	
Structure Excavation			Cu. Yd.	32
Concrete Structures			Cu. Yd.	26.3
Reinforcement Bars, Epoxy Coated			Pound	1,780
Furnishing HP10X42 Piles			Foot	63
Driving Piles			Foot	63
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	401.4
Pile Shoes			Each	4

SHEET 66 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS
CHECKED BY: JKC
DATE: 01/2024

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #11
SN 050-7500

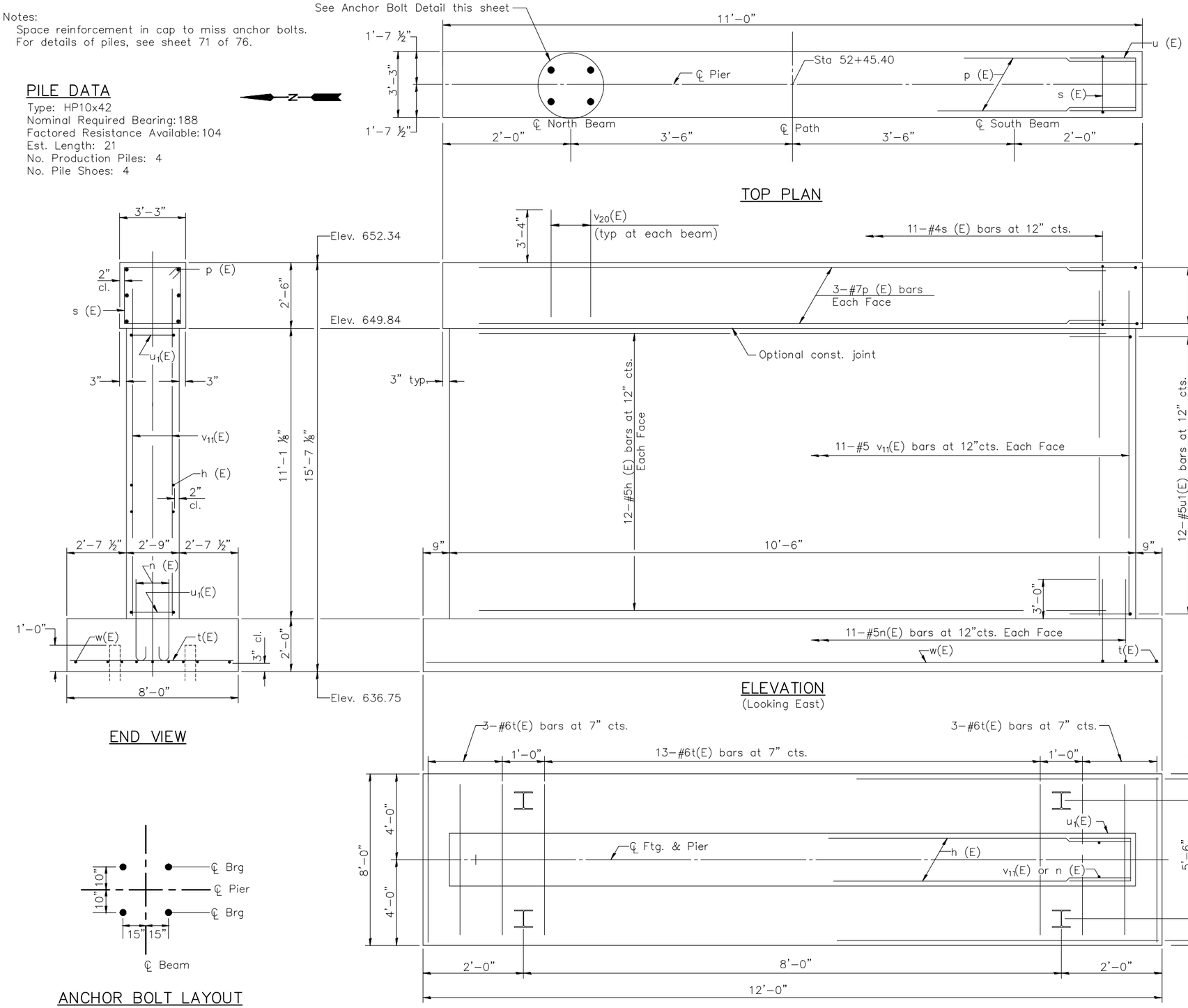
CONSTRUCTION PLANS

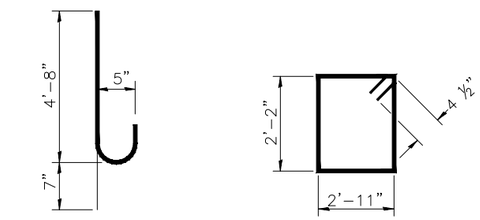
CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 122
FILE NO.: 66437.00 Y-
OF 183

Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

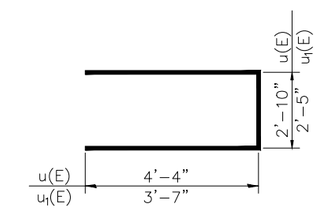
Type: HP10x42
Nominal Required Bearing: 188
Factored Resistance Available: 104
Est. Length: 21
No. Production Piles: 4
No. Pile Shoes: 4





BAR n (E)

BAR s (E)



BARS u (E) & u1 (E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	24	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u1(E)	24	#5	9'-7"	
v11(E)	22	#5	13'-1"	
w (E)	9	#5	11'-8"	
Structure Excavation			Cu. Yd.	32
Concrete Structures			Cu. Yd.	22.3
Reinforcement Bars, Epoxy Coated			Pound	1,560
Furnishing HP10X42 Piles			Foot	84
Driving Piles			Foot	84
Rubbed Finish			Sq. Ft.	332.3
Pile Shoes			Each	4

SHEET 67 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	PIER #12 SN 050-7500	CONSTRUCTION PLANS	CURRENT AS OF: 12/20/2024
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION							SCALE: AS NOTED / SHEET 123
DATE: 01/2024								FILE NO.: 66437.00 Y- / OF 183

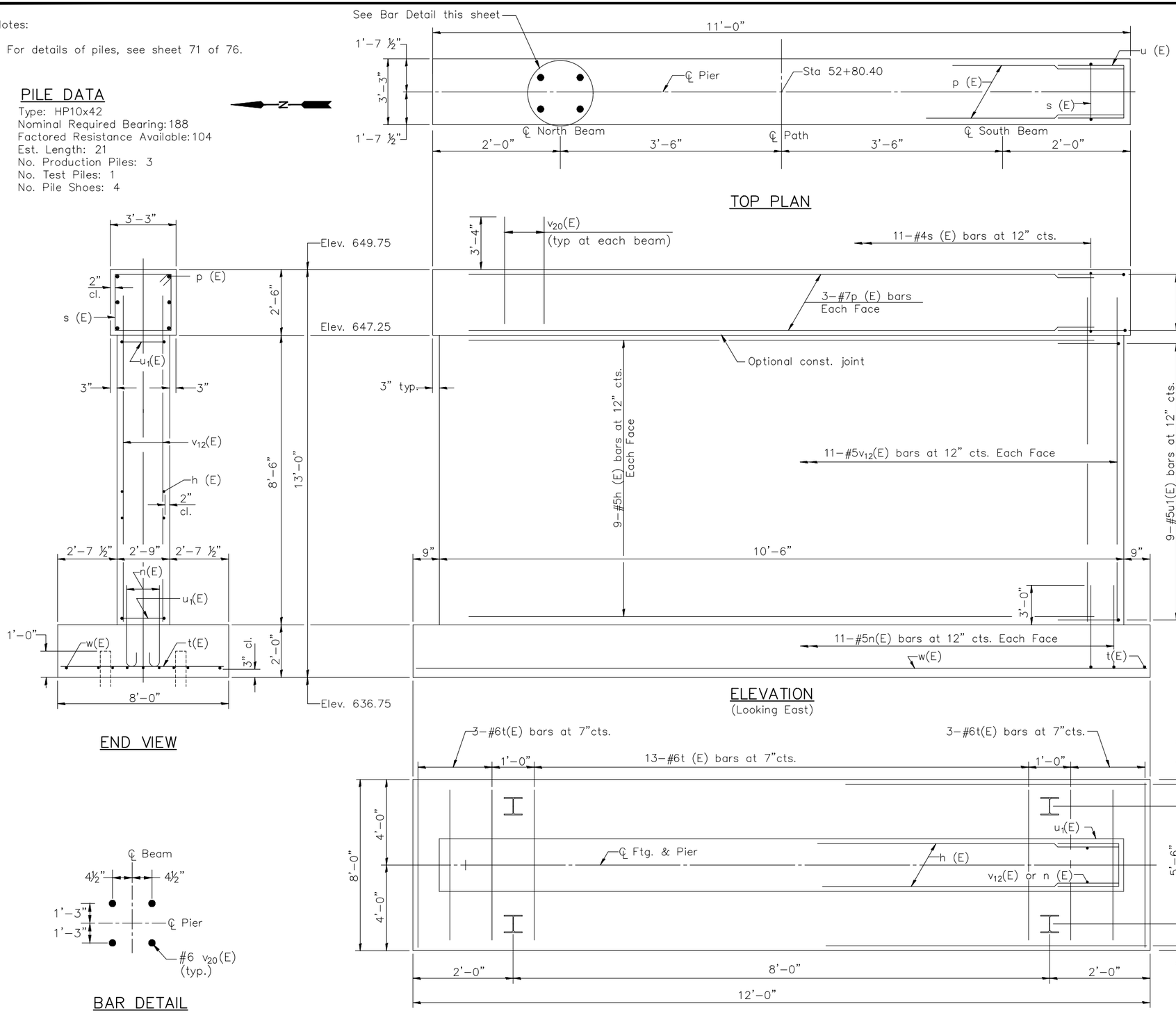
Chamlin & Associates

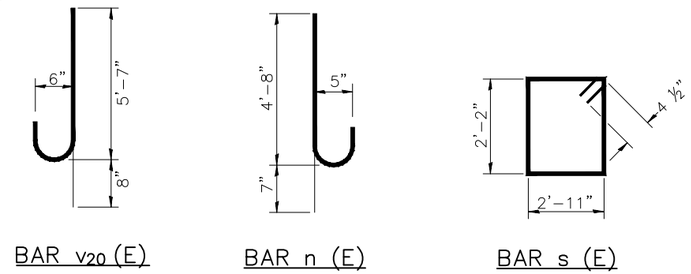
Notes:

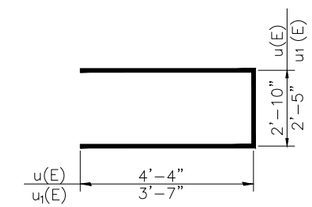
For details of piles, see sheet 71 of 76.

PILE DATA

Type: HP10x42
Nominal Required Bearing: 188
Factored Resistance Available: 104
Est. Length: 21
No. Production Piles: 3
No. Test Piles: 1
No. Pile Shoes: 4







BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	18	#5	10'-3"	
n (E)	22	#5	5'-3"	
p (E)	6	#7	10'-8"	
s (E)	11	#4	10'-11"	
t (E)	19	#6	7'-9"	
u (E)	6	#6	11'-6"	
u_1 (E)	18	#5	9'-7"	
v_{12} (E)	22	#5	10'-6"	
v_{20} (E)	8	#6	6'-3"	
w (E)	9	#5	11'-8"	
Structure Excavation			Cu. Yd.	32
Concrete Structures			Cu. Yd.	19.5
Reinforcement Bars, Epoxy Coated			Pound	1,450
Furnishing HP10X42 Piles			Foot	63
Driving Piles			Foot	63
Test Pile Steel HP10x42			Each	1
Rubbed Finish			Sq. Ft.	263.6
Pile Shoes			Each	4

SHEET 68 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

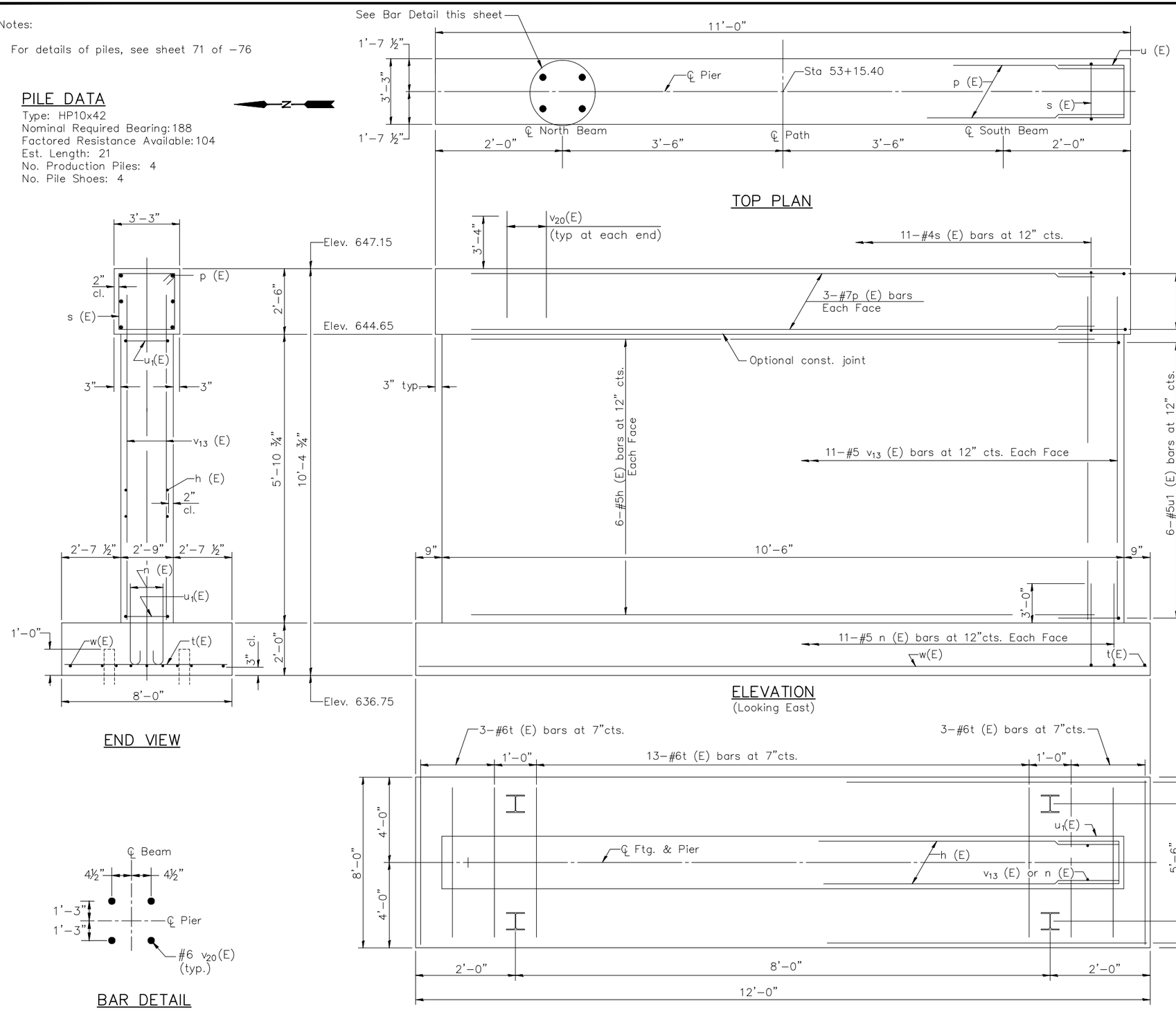
DRAWN BY: DS	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	PIER #13 SN 050-7500	CONSTRUCTION PLANS
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION			CURRENT AS OF: 12/20/2024
DATE: 01/2024							SCALE: AS NOTED / SHEET 124
							FILE NO.: 66437.00 Y- / OF 183

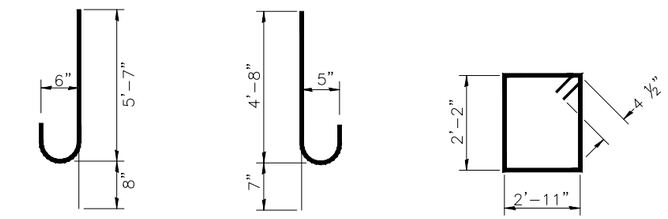
Notes:

For details of piles, see sheet 71 of −76

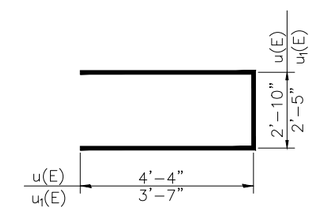
PILE DATA

Type: HP10x42
Nominal Required Bearing: 188
Factored Resistance Available: 104
Est. Length: 21
No. Production Piles: 4
No. Pile Shoes: 4





BAR v20 (E) BAR n (E) BAR s (E)



BARS u (E) & u1 (E)

BAR DETAIL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h (E)	12	#5	10'−3"	
n (E)	22	#5	5'−3"	
p (E)	6	#7	10'−8"	
s (E)	11	#4	10'−11"	
t (E)	19	#6	7'−9"	
u (E)	6	#6	11'−6"	
u1(E)	12	#5	9'−7"	
v13(E)	22	#5	7'−11"	
v20 (E)	8	#6	6'−3"	
w (E)	9	#5	11'−8"	
Structure Excavation			Cu. Yd.	32
Concrete Structures			Cu. Yd.	16.7
Reinforcement Bars, Epoxy Coated			Pound	1,270
Furnishing HP10X42 Piles			Foot	84
Driving Piles			Foot	84
Rubbed Finish			Sq. Ft.	194.7
Pile Shoes			Each	4

SHEET 69 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: DS
CHECKED BY: JKC
DATE: 01/2024

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

PIER #14
SN 050-7500

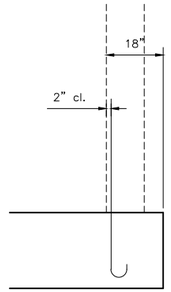
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 125
FILE NO.: 66437.00 Y−
OF 183

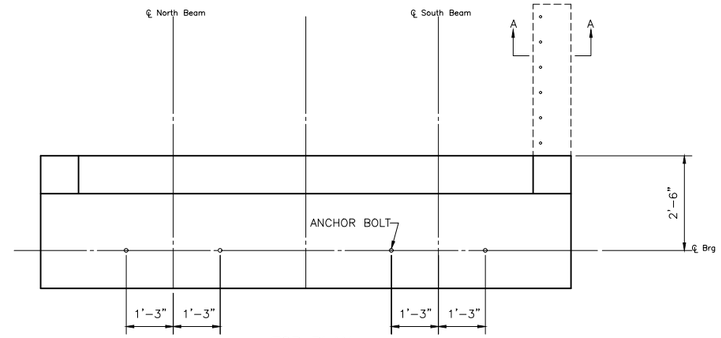
Notes:
Space reinforcement in cap to miss anchor bolts.
For details of piles, see sheet 71 of 76.

PILE DATA

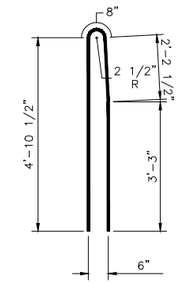
Type: HP10X42
Nominal Required Bearing: 211
Factored Resistance Available: 116
Est. Length: 24
No. Production Piles: 4
No. Pile Shoes: 4



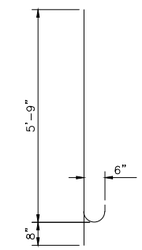
SECTION A–A



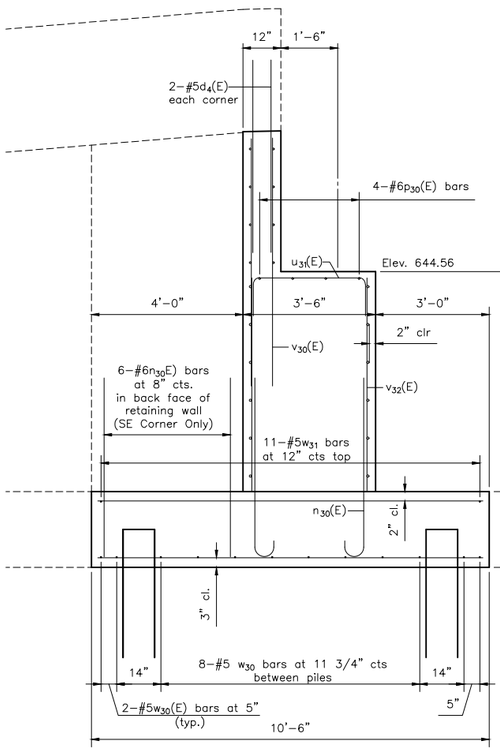
TOP PLAN

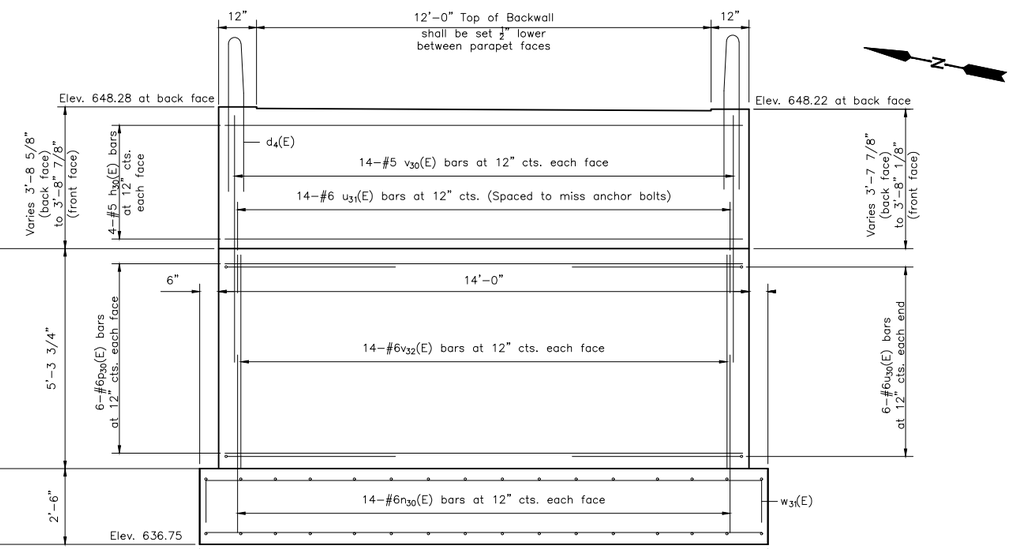


Bar $d_4(E)$

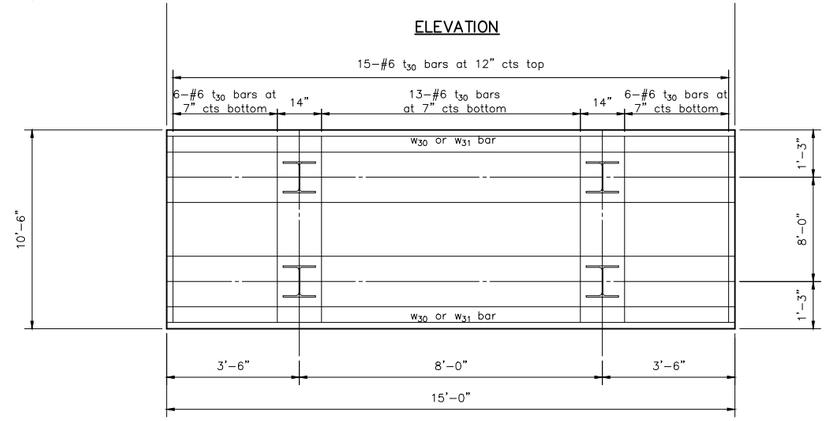


Bar $n_{30}(E)$

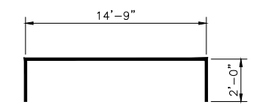




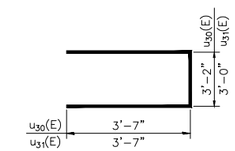
ELEVATION



FOOTING PLAN



Bar w_{31}



Bar u_{30} & u_{31}

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$d_4(E)$	4	#5	11'–0"	
$h_{30}(E)$	8	#5	13'–9"	
$n_{30}(E)$	34	#6	6'–5"	
$p_{30}(E)$	12	#6	13'–9"	
t_{30}	40	#6	10'–3"	
$u_{30}(E)$	12	#6	10'–4"	
$u_{31}(E)$	14	#6	10'–2"	
$v_{30}(E)$	28	#6	6'–7"	
$v_{32}(E)$	28	#6	5'–2"	
w_{30}	12	#6	14'–9"	
w_{31}	11	#5	18'–9"	
Structure Excavation			Cu. Yd.	46.4
Concrete Structures			Cu. Yd.	25.1
Reinforcement Bars, Epoxy Coated			Pound	1630
Reinforcement Bars			Pound	1100
Furnishing HP10X42 Piles			Foot	96
Driving Piles			Foot	96
Rubbed Finish			Sq. Ft.	85.3
Pile Shoes			Each	4

SHEET 69 OF 76 BRIDGE SHEETS

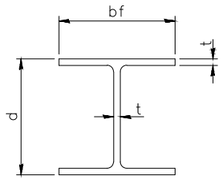
"CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	EAST ABUTMENT SN 050-7500
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION		
DATE: 01/2024						

Chamlin & Associates

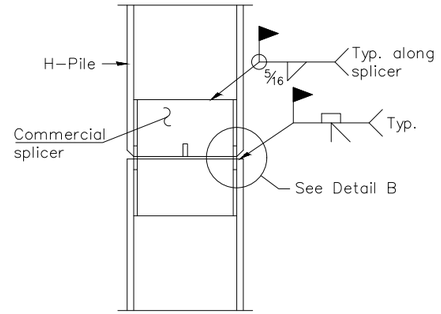
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 126
FILE NO.: 66437.00 Y–
OF 183

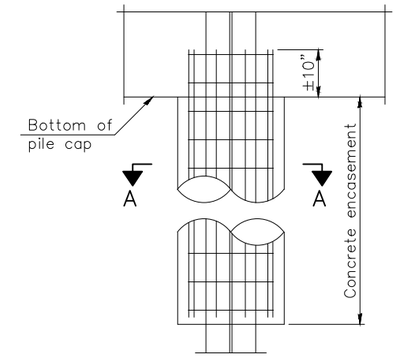


STEEL PILE TABLE

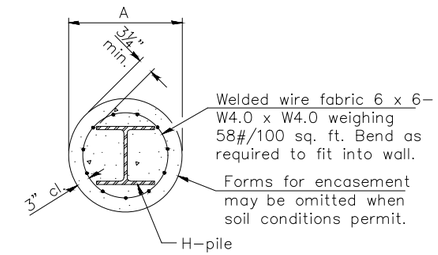
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14¼"	14⅞"	13/16"	30"
x102	14"	14¾"	11/16"	30"
x89	13⅞"	14¾"	⅝"	30"
x73	13⅝"	14⅝"	½"	30"
HP 12x84	12¼"	12¼"	11/16"	24"
x74	12⅛"	12¼"	⅝"	24"
x63	12"	12⅛"	½"	24"
x53	11¾"	12"	7/16"	24"
HP 10x57	10"	10¼"	9/16"	24"
x42	9¾"	10⅛"	7/16"	24"
HP 8x36	8"	8⅛"	7/16"	18"



ELEVATION

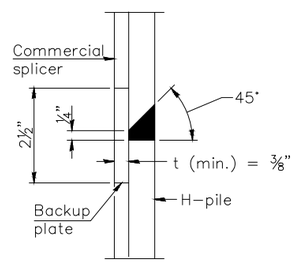


ELEVATION

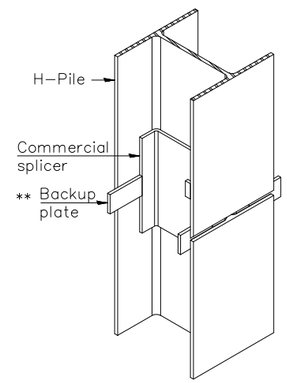


SECTION A–A

INDIVIDUAL PILE
CONCRETE ENCASEMENT
(when specified)

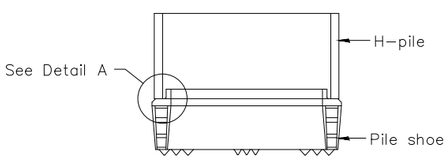


DETAIL "B"

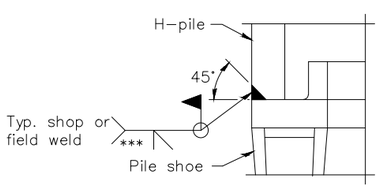


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE

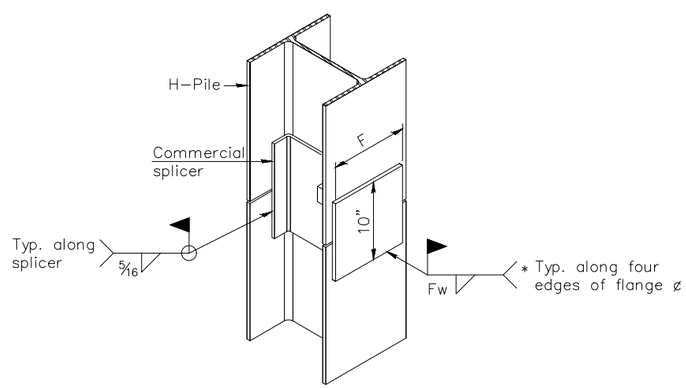


ELEVATION



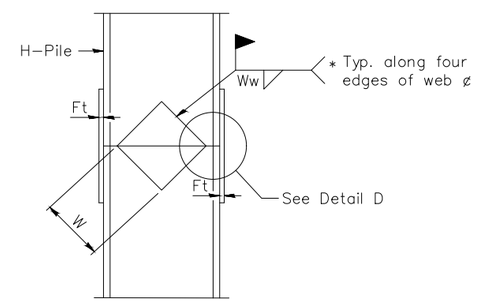
DETAIL A

SHOE ATTACHMENT

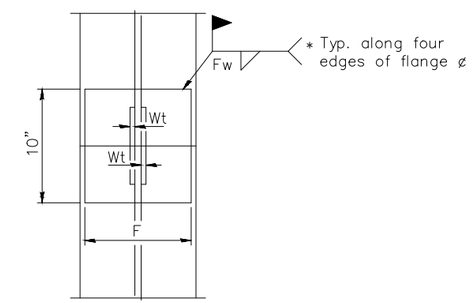


ISOMETRIC VIEW

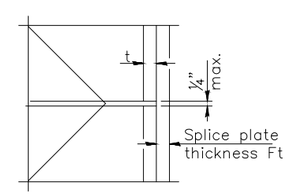
WELDED COMMERCIAL SPLICE ALTERNATE



ELEVATION



END VIEW



DETAIL D

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12½"	1"	⅞"	7¾"	⅝"	½"
x102	12½"	⅞"	¾"	7¾"	⅝"	½"
x89	12½"	¾"	11/16"	7¾"	⅝"	½"
x73	12½"	⅝"	9/16"	7¾"	⅝"	½"
HP 12x84	10"	⅞"	11/16"	6½"	⅝"	½"
x74	10"	⅞"	11/16"	6½"	⅝"	½"
x63	10"	⅝"	½"	6½"	½"	⅜"
x53	10"	⅝"	½"	6½"	½"	⅜"
HP 10x57	8"	¾"	9/16"	5¼"	½"	⅜"
x42	8"	⅝"	9/16"	5¼"	½"	⅜"
HP 8x36	7"	⅝"	7/16"	4¼"	½"	⅜"

WELDED PLATE FIELD SPLICE

Note:
The steel H–piles shall be according to AASHTO M270 Grade 50.

* Interrupt welds ¼" from end of web and/or each flange.

** Remove portions of backup plates that extend outside the flanges.

*** Weld size per pile shoe manufacturer (5/16" min.).

F–HP 2–1–2023

SHEET 71 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION				
DATE: 06/2023					

HP PILE DETAILS
SN 050-7500

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 127 OF 183
FILE NO.: 66437.00 Y–

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Sheet 1 of 2

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-01
Surface Elev. 639.63
Auger Depth 27.5'
Rotary Depth NA
Start Date 08/26/23
Finish Date 08/26/23

Location: STA 48+31.5, 0.88 LT
1706882.0777 766546.0013

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu. (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
639.63	Black Silty Clay Topsoil									
638.63	Soft to Medium Stiff Brown/Gray Silty Clay	1								
637.63		2								
636.63		3	1	SS	0.6	3	B	23		
635.63		4								
634.63	Medium Stiff Black/Brown Silty Clay	5								
633.63		6	2	SS	1.0	4	B	11		
632.63	Stiff Brown/Gray SiltyClay	7								
631.63		8	3	SS	2.0	14	S	9		
630.63	Very Stiff to Hard Brown/Gray Silty Clay Till	9								
629.63		10								Water
628.63		11	4	SS	3.1	40	S	6		
627.63		12								
626.63	Hard Gray Silty Clay Till	13	5	SS	4.3	35	S	9		
625.63		14								
624.63		15								
623.63		16	6	SS	4.1	72	S	14		
622.63		17								
621.63		18	7	SS	4.2	83	S	14		
620.63		19								
619.63		20	8	SS	4.7	90	S	12		

Groundwater Data: Water after auger removal 10-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Sheet 2 of 2

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-01
Surface Elev. 639.63
Auger Depth 27.5'
Rotary Depth NA
Start Date 08/26/23
Finish Date 08/26/23

Location: STA 48+31.5, 0.88 LT
1706882.0777 766546.0013

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu. (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
618.63										
617.63		22								
616.63	Hard Gray Silty Clay Till and Cobbles	23	9	SS	5.0	98	S	11		
615.63		24								
614.63		25								
613.63		26	10	SS	5.0	115	S	10		
612.63		27								
611.63	Auger Refusal on Cobbles	28								
610.63		29								
609.63		30								
608.63		31								
607.63		32								
606.63		33								
605.63		34								
604.63		35								
603.63		36								
602.63		37								
601.63		38								
600.63		39								
599.63		40								
598.63		41								

Groundwater Data: Water after auger removal 10-feet below top of ground.
Comments:

DRAWN BY: FDAP
CHECKED BY: JKC
DATE: 08/2023

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

SOIL BORINGS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 128
FILE NO.: 66437.00 Y-
OF 183

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-02
Surface Elev. 640.83
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 49+23.5, 0.06 RT
1706943.4760 766828.0476

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV.	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
640.83	Black Silty Clay Topsoil								
639.83	Medium Stiff Brown/Gray Silty Clay								
637.83	Medium Stiff Brown/Gray Clayey Silt	1	SS	0.6	6	B/S	20		
635.83	Stiff Brown/Gray Silty Clay Loam Till with Sand Seams	2	SS	1.4	11	S	22		Water
633.83	Stiff Brown/Gray Gravely Loam Till	3	SS	1.2	9	B/S	18		
630.83	Stiff to Very Stiff Brown/Gray Sandy Silt Loam Till with Cobbles	4	SS	1.0	21	S	19		
628.83	Hard Gray Gravely Silt Loam Till with Cobbles	5	SS	---	110	---	10		
		6	SS	---	120	---	11		
		7	SS	---	105	---	10		
		8	SS	---	95	---	10		

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
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BORING LOG

Sheet 2 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-02
Surface Elev. 640.83
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 49+23.5, 0.06 RT
1706943.4760 766828.0476

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
619.83	Hard Gray Gravely Silt Loam Till with Cobbles	9	SS	---	77	---	9		
		10	SS	---	105	---	7		
613.83	Hard Red Shale	11	SS	---	36	---	15		
610.83	Hard Gray Shale	12	SS	---	55	---	14		
		13	SS	---	95	---	13		
601.83	Hard Gray/Brown Shale	14	SS	---	100	---	12		

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-02
Surface Elev. 640.83
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 49+23.5, 0.06 RT
1706943.4760 766828.0476

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
598.83	Hard Gray/Brown Shale								
596.83	Auger Refusal								

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

SHEET 73 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: FDAP
CHECKED BY: JKC
DATE: 08/2023

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

SOIL BORINGS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 129 OF 183

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-03
Surface Elev. 642.56
Auger Depth 44'
Rotary Depth NA
Start Date 09/02/23
Finish Date 09/02/23

Location: STA 50+00, 0.04 RT
1706936.3526 766904.2276

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
642.56	Black Silty Clay Topsoil									
641.56	Medium Stiff Black/Brown Silty Clay Fill	1								
640.56		2								
639.56		3	1	SS	0.8	5	B	25		
638.56	Medium Stiff Brown/Gray Silty Clay Loam Till with Sand Seams	4								
637.56		5								Water
636.56		6	2	SS	1.0	5	B/S	23		
635.56		7								
634.56	Stiff Brown/Gray Silty Clay Loam Till	8	3	SS	1.0	10	S	19		
633.56		9								
632.56	Very Stiff Gray Silt Loam Till with Cobbles	10								
631.56		11	4	SS	---	20	---	11		
630.56		12								
629.56		13	5	SS	---	23	---	10		
628.56		14								
627.56		15	6	SS	---	28	---	9		
626.56	Hard Gray Silt Loam Till with Cobbles	16								
625.56		17								
624.56		18	7	SS	---	41	---	7		
623.56		19								
622.56		20	8	SS	---	53	---	6		

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 2 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-03
Surface Elev. 642.56
Auger Depth 44'
Rotary Depth NA
Start Date 09/02/23
Finish Date 09/02/23

Location: STA 50+00, 0.04 RT
1706936.3526 766904.2276

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
621.56		22								
620.56	Hard Gray Silt Loam Till with Cobbles	23	9	SS	---	63	---	6		
619.56		24								
618.56		25								
617.56		26	10	SS	---	79	---	6		
616.56		27								
615.56	Hard Red Shale	28	11	SS	---	31	---	15		
614.56		29								
613.56		30								
612.56	Very Stiff Red/Gray Shale	31	12	SS	---	27	---	14		
611.56		32								
610.56		33								
609.56	Hard Gray/Brown Shale	34								
608.56		35								
607.56		36	13	SS	---	31	---	14		
606.56		37								
605.56		38								
604.56		39								
603.56	Hard Brown/Gray Sandy Shale	40								
602.56		41	14	SS	---	20 / 1"	---	12		
601.56										

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-03
Surface Elev. 642.56
Auger Depth 44'
Rotary Depth NA
Start Date 09/02/23
Finish Date 09/02/23

Location: STA 50+00, 0.04 RT
1706936.3526 766904.2276

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
600.56		43								
599.56	Hard Brown/Gray Sandy Shale	44								
598.56	Auger Refusal	45								
597.56		46								
596.56		47								
595.56		48								
594.56		49								
593.56		50								
592.56		51								
591.56		52								
590.56		53								
589.56		54								
588.56		55								
587.56		56								
586.56		57								
585.56		58								
584.56		59								
583.56		60								
582.56		61								
581.56		62								
580.56										

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

SHEET 74 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: FDAP	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION			Chamlin & Associates	SOIL BORINGS
DATE: 08/2023					

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 130 OF 183

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 1 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-04
Surface Elev. 640.50
Auger Depth 46' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 50+78.3, 2.23 LT
1706929.1708 766980.4155

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
640.50	Black Silty Clay Topsoil									
639.50	Medium Stiff Dark Gray/Brown Silty Clay	1								
638.50		2								
637.50		3	1	SS	0.6	3	B/S	24		
636.50		4								
635.50	Medium Stiff Brown/Gray Silty Clay with Sand Seams	5								Water
634.50		6	2	SS	0.6	4	S	23		
633.50		7								
632.50	Medium Stiff to Stiff Brown/Gray Silt Loam	8	3	SS	1.3	5	S	18		
631.50		9								
630.50	Very Stiff Brown Silty Loam Till	10								
629.50		11	4	SS	2.4	19	S	17		
628.50		12								
627.50	Very Stiff Gray Silt Loam Till with Cobbles	13	5	SS	---	28	---	16		
626.50		14								
625.50	Hard Gray Silt Loam Till with Cobbles	15								
624.50		16	6	SS	---	30	---	15		
623.50		17								
622.50		18	7	SS	---	35	---	14		
621.50		19								
620.50		20	8	SS	---	44	---	12		

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments: Drilled with continuous flight augers from 41 feet to refusal at 46 feet.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 2 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-04
Surface Elev. 640.50
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 50+78.3, 2.23 LT
1706929.1708 766980.4155

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
619.50	Hard Gray Gravely Silt Loam Till with Cobbles	22								
618.50		23	9	SS	---	57	---	12		
617.50		24								
616.50		25								
615.50		26	10	SS	---	58	---	12		
614.50		27								
613.50	Hard Red Shale	28	11	SS	---	32	---	14		
612.50		29								
611.50		30	12	SS	---	31	---	15		
610.50	Hard Gray Shale	31								
609.50		32								
608.50		33								
607.50		34								
606.50		35	13	SS	---	15 / 1"	---	14		
605.50		36								
604.50		37								
603.50		38								
602.50		39								
601.50	Hard Gray/Brown Shale	40	14	SS	---	20 / 1"	---	13		
600.50		41								
599.50										

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments: Drilled with continuous flight augers from 41 feet to refusal at 46 feet.

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354
Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

BORING LOG

Sheet 3 of 3

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-04
Surface Elev. 640.50
Auger Depth 46' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 50+78.3, 2.23 LT
1706929.1708 766980.4155

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
598.50	Hard Gray/Brown Shale	43								
597.50		44								
596.50		45								
595.50		46								
594.50	Auger Refusal with continuous flight augers	47								
593.50		48								
592.50		49								
591.50		50								
590.50		51								
589.50		52								
588.50		53								
587.50		54								
586.50		55								
585.50		56								
584.50		57								
583.50		58								
582.50		59								
581.50		60								
580.50		61								
579.50		62								
578.50										

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments: Drilled with continuous flight augers from 41 feet to refusal at 46 feet.

SHEET 75 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

DRAWN BY: FDAP
CHECKED BY: JKC
DATE: 08/2023

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

SOIL BORINGS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 131
FILE NO.: 66437.00 Y-
OF 183

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Sheet 1 of 3

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-05
Surface Elev. 641.26
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 51+55, 0.08 RT
1706921.8386 767058.5404

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) *ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
641.26	Black Silty Clay Topsoil									
640.26	Medium Stiff Brown/Gray Silty Clay	1								
639.26		2								
638.26	Medium Stiff Brown/Gray Clayey Silt	3	1	SS	0.6	6	B/S	23		
637.26		4								
636.26	Stiff Brown/Gray Silty Clay Loam Till with Sand Seams	5								Water
635.26		6	2	SS	1.4	11	S	19		
634.26		7								
633.26	Stiff Brown/Gray Gravely Loam Till	8	3	SS	1.2	9	B/S	18		
632.26		9								
631.26		10								
630.26	Stiff to Very Stiff Brown/Gray Sandy Silt Loam Till with Cobbles	11	4	SS	2.0	21	S	17		
629.26		12								
628.26	Hard Gray Gravely Silt Loam Till with Cobbles	13	5	SS	---	110	---	16		
627.26		14								
626.26		15								
625.26		16	6	SS	---	120	---	15		
624.26		17								
623.26		18	7	SS	---	105	---	14		
622.26		19								
621.26		20	8	SS	---	95	---	14		

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Sheet 2 of 3

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-05
Surface Elev. 641.26
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 51+55, 0.08 RT
1706921.8386 767058.5404

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
620.26		22								
619.26	Hard Gray Gravely Silt Loam Till with Cobbles	23	9	SS	---	77	---	15		
618.26		24								
617.26		25								
616.26		26	10	SS	---	105	---	14		
615.26		27								
614.26	Hard Red Shale	28	11	SS	---	36	---	15		
613.26		29								
612.26		30								
611.26	Hard Gray Shale	31	12	SS	---	55	---	14		
610.26		32								
609.26		33								
608.26		34								
607.26		35	13	SS	---	95	---	14		
606.26		36								
605.26		37								
604.26		38								
603.26		39								
602.26	Hard Gray/Brown Shale	40	14	SS	---	100	---	12		
601.26		41								
600.26										

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

Midwest Testing Services, Inc.
3705 Progress Blvd.
Peru, IL 61354

BORING LOG

Sheet 3 of 3

Phone: 815-223-6696
Fax: 815-223-6659
e-mail: mts37@comcast.net

Client: City of Peru
Project Name: Route 251 Pedestrian Bridge
Project Site: Rte 251; from Plaza Drive E. to E. of Frontage Rd.
Peru, IL

Boring No. B-05
Surface Elev. 641.26
Auger Depth 44' Rotary Depth NA
Start Date 08/26/23 Finish Date 08/26/23

Location: STA 51+55, 0.08 RT
1706921.8386 767058.5404

DRILLED BY: Randy Safranski, Diedrich D-120

(DEPTH) ELEV.	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
599.26										
598.26	Hard Gray/Brown Shale	43								
597.26	Auger Refusal	44								
596.26		45								
595.26		46								
594.26		47								
593.26		48								
592.26		49								
591.26		50								
590.26		51								
589.26		52								
588.26		53								
587.26		54								
586.26		55								
585.26		56								
584.26		57								
583.26		58								
582.26		59								
581.26		60								
580.26		61								
579.26		62								

Groundwater Data: Water after auger removal 5-feet below top of ground.
Comments:

SHEET 76 OF 76 BRIDGE SHEETS "CONTRACT NO. 87876"

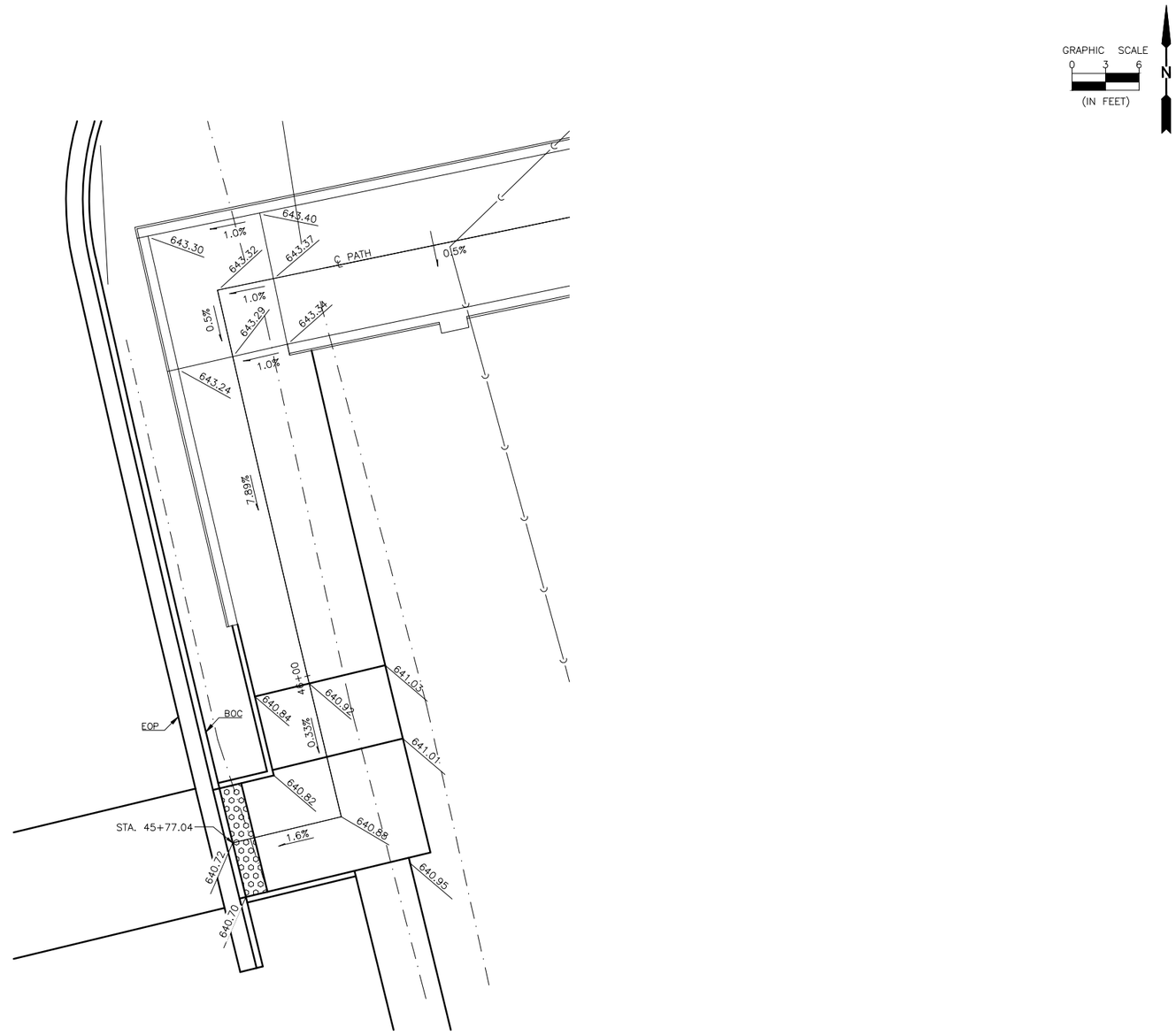
DRAWN BY: FDAP	REVISIONS			PERU MORRIS	PERU ITEP SHARED USE PATH PROJECT
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION			OTTAWA MENDOTA	SECTION 23-00073-00-BT
DATE: 08/2023				ILLINOIS	LASALLE COUNTY

Chamlin & Associates

SOIL BORINGS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y-
SHEET 132 OF 183



WEST END OF BRIDGE PATH DETAIL

"CONTRACT NO. 87876"

DRAWN BY: JW	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 08/2023				

Chamlin & Associates

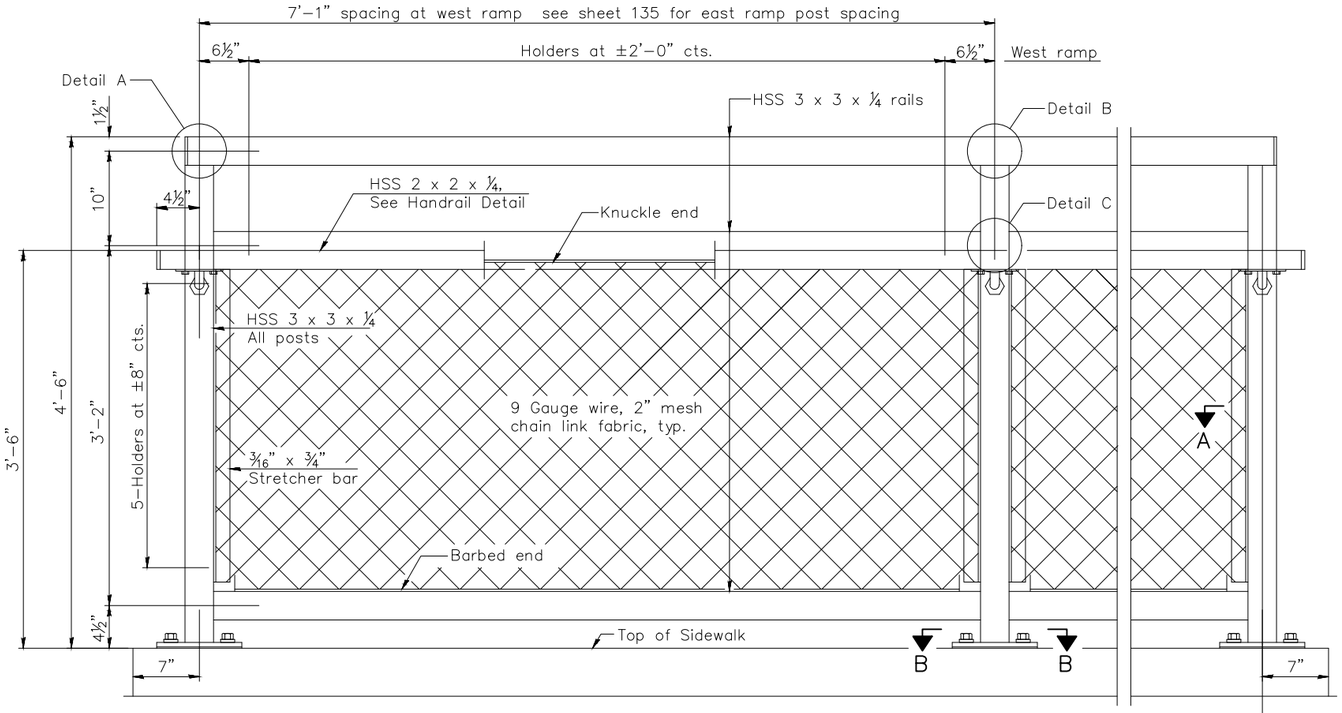
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

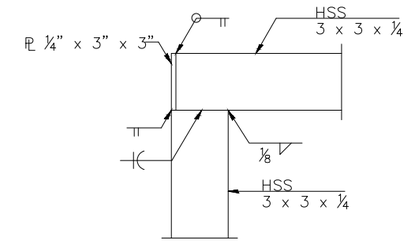
GRADING DETAIL AT WEST END OF BRIDGE PATH

CONSTRUCTION PLANS

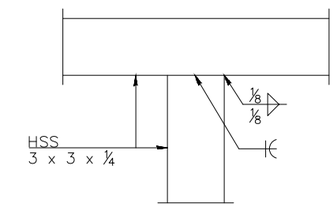
CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	133	
FILE NO.: 66437.00 Y-	OF	183	



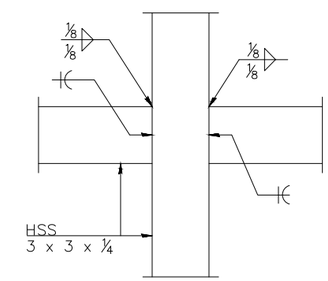
ELEVATION BICYCLE RAILING
(Inside face)



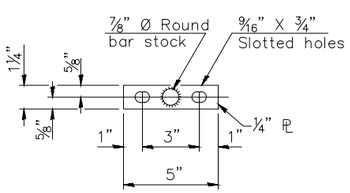
DETAIL A



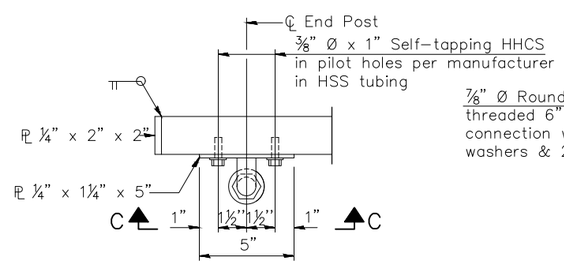
DETAIL B

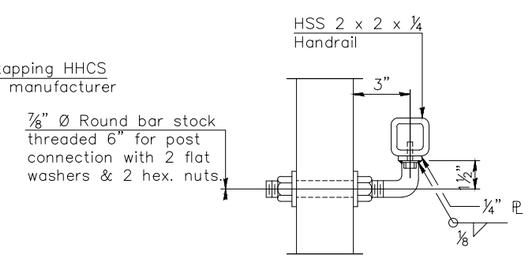


DETAIL C



VIEW C–C
(Handrail)



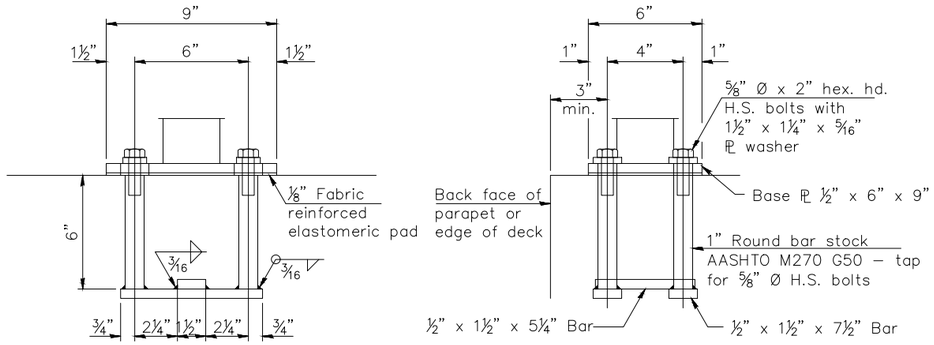


HANDRAIL DETAIL

(Sheet 1 of 2)

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS				PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	BICYCLE RAILING WITH HANDRAIL SN 050-7500	CONSTRUCTION PLANS	CURRENT AS OF: 12/20/2024
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION					SCALE: AS NOTED — SHEET 134
DATE: 06/2023									FILE NO.: 66437.00 Y– — OF 183



ANCHORAGE ASSEMBLY

The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates.

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

Notes:

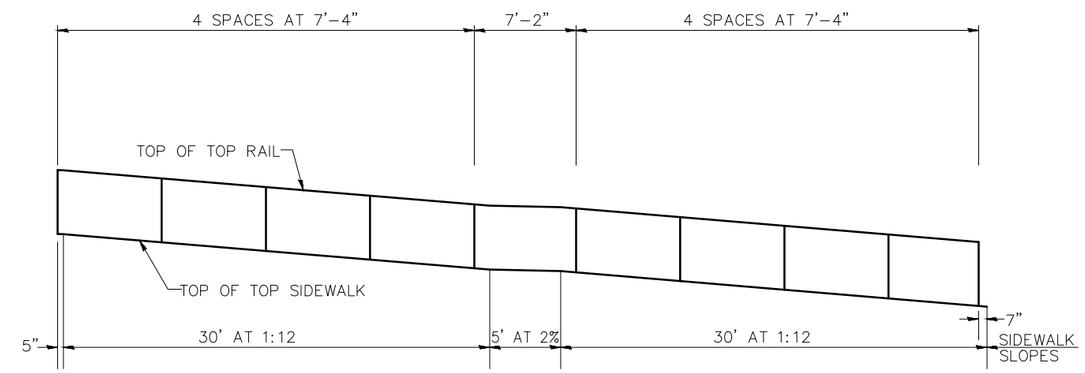
CVN testing is not required for the HSS tubing used in the Bicycle Railing

All heavy hex nuts shall be according to ASTM A 563 grade DH.

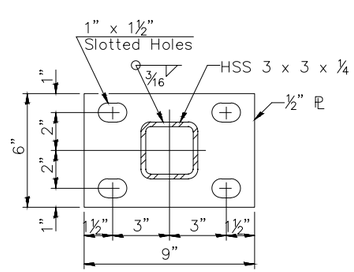
All fully threaded anchor rods shall be ASTM F1554 grade 105.

The post base plate shall be fastened to the sidewalk snug tight and given an additional ⅛" turn.

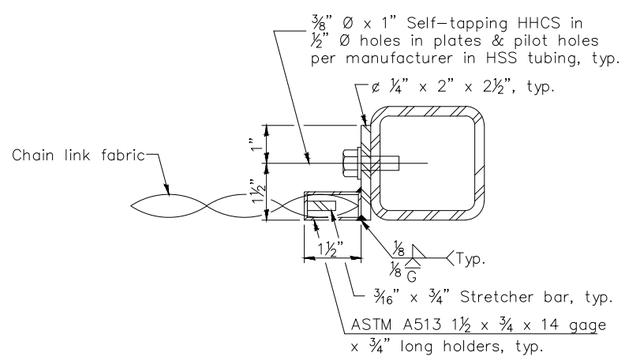
All posts, rail, splices, anchor devices and plates of the railing shall be painted. The inorganic Zinc rich primer/acrylic/acrylic paint system shall be used for shop and field painting of railing. The color of the final coat shall be reddish brown, Munsell no. 2.5 YR 3/4.



EAST RAMP POST SPACING DETAIL



SECTION B–B



SECTION A–A

BILL OF MATERIAL

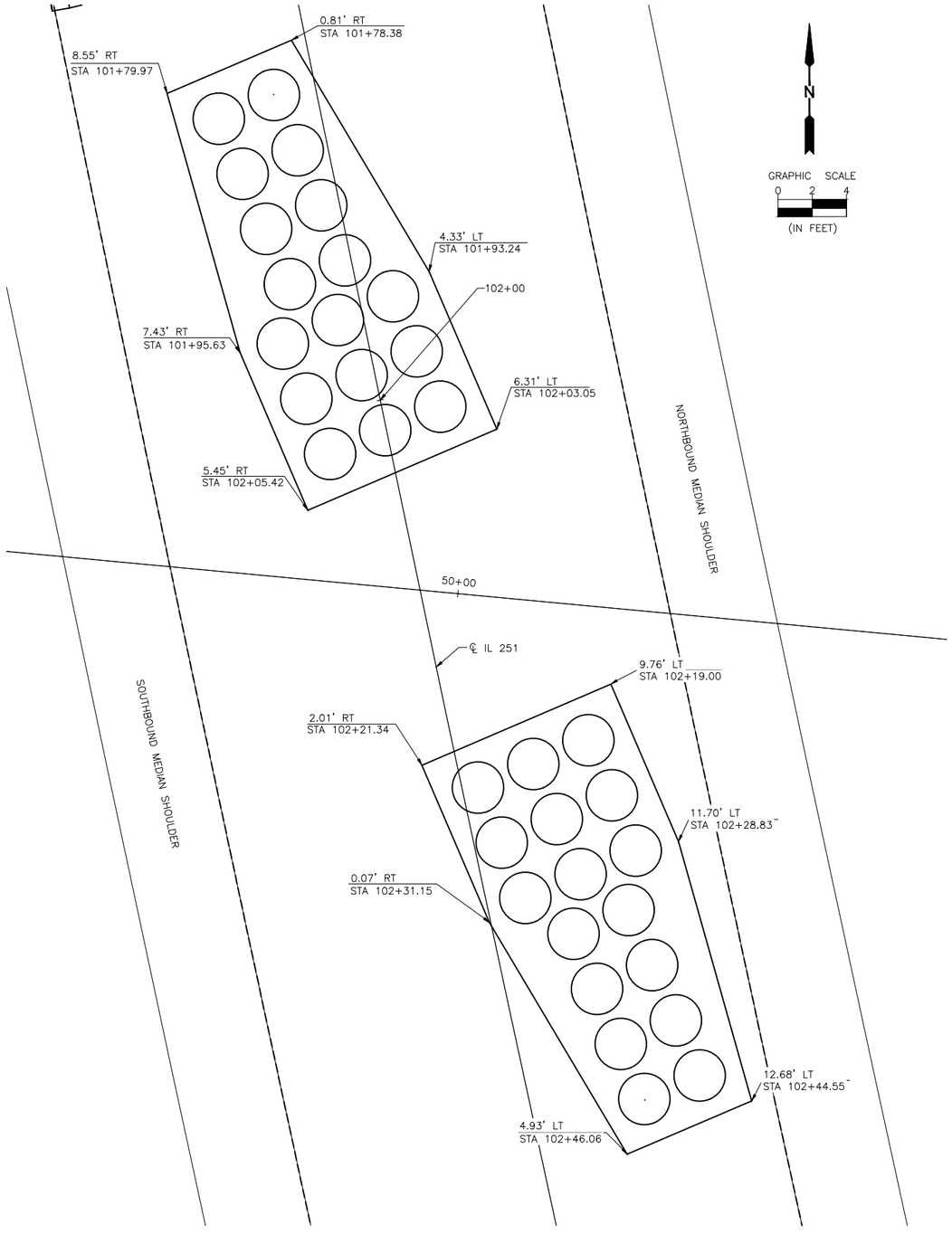
Item	Unit	Quantity
BICYCLE RAILING (SPECIAL)	Foot	87

(Sheet 2 of 2)

"CONTRACT NO. 87876"

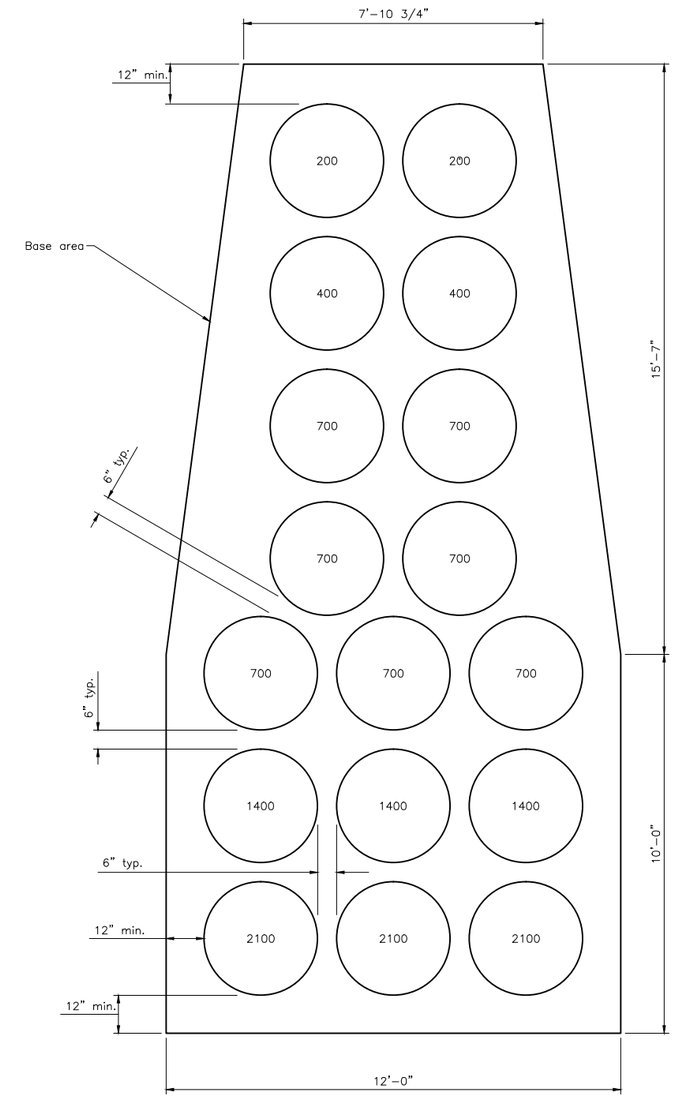
DRAWN BY: LMP	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY	BICYCLE RAILING WITH HANDRAIL SN 050-7500	CONSTRUCTION PLANS
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION			CURRENT AS OF: 12/20/2024
DATE: 06/2023							SCALE: AS NOTED / SHEET 135
							FILE NO.: 66437.00 Y– / OF 183

Chamlin & Associates



STATION & OFFSET

SCALE: 1:2



TEST LEVEL 2 ARRAY

(Numbers inside sand modules indicate sand weight in pounds.)

"CONTRACT NO. 87876"

DRAWN BY: JJW	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 12/2023					

Chamlin & Associates

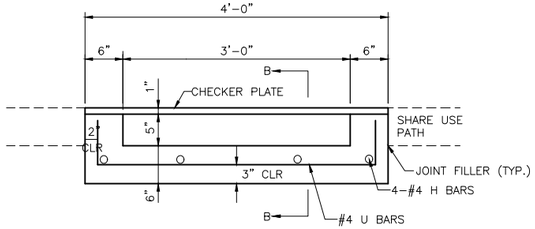
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

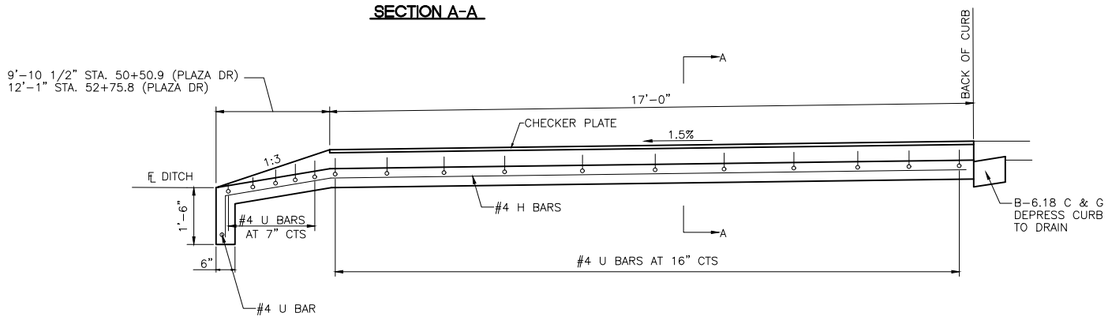
ATTENUATORS DETAILS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	136	
FILE NO.: 66437.00 Y-	OF	183	

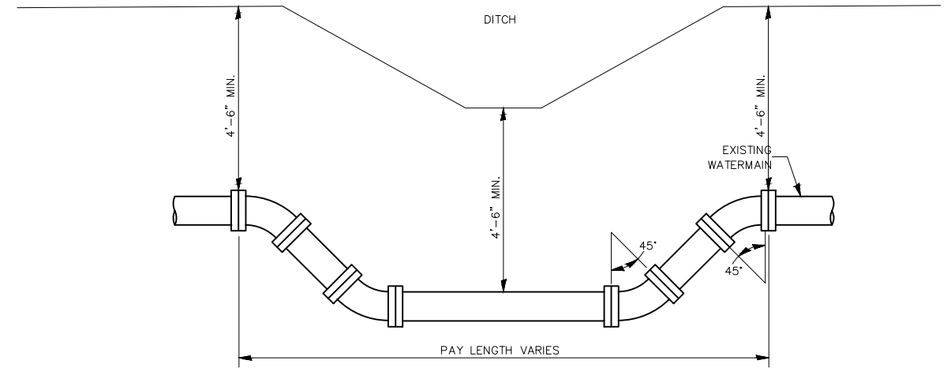


SECTION A-A

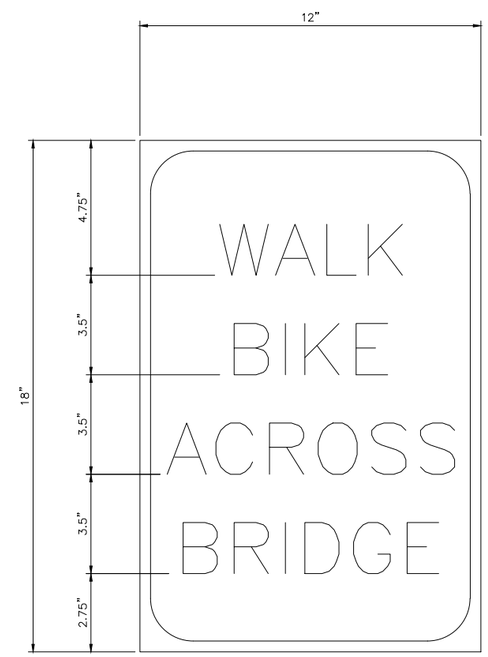


SECTION B-B

PAVED FLUME AT PLAZA DRIVE CURB CUTS (2 REQUIRED)



ADJUSTING WATERMAIN DETAIL



SERIES 2C LETTERS
MARGIN 0.375"
BORDER 0.438"
BLACK TEXT AND BORDER (NON-REFLRECTORIZED)
WHITE BACKGROUND (REFLECTORIZED)

SIGN DETAIL (2 REQUIRED)

"CONTRACT NO. 87876"

DRAWN BY: MMG	REVISIONS			
CHECKED BY: MWP	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

Chamlin & Associates

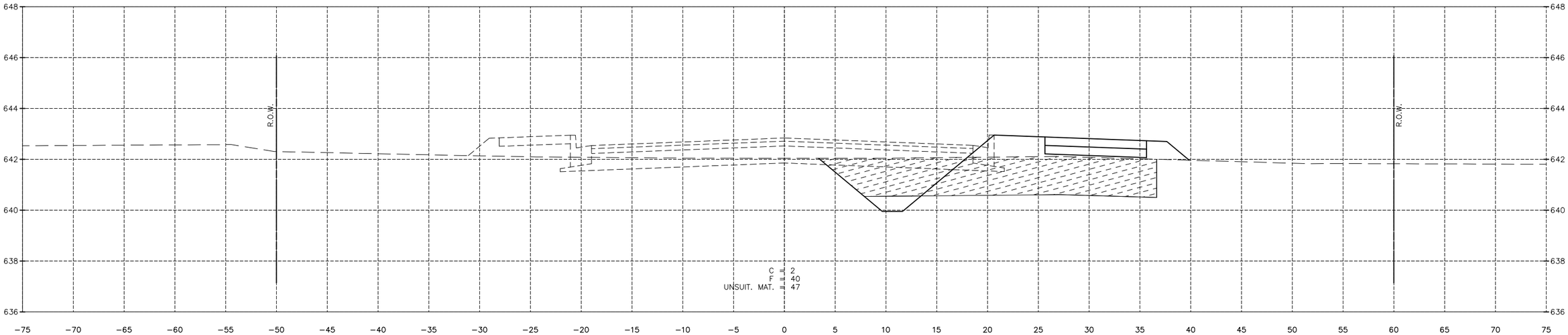
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

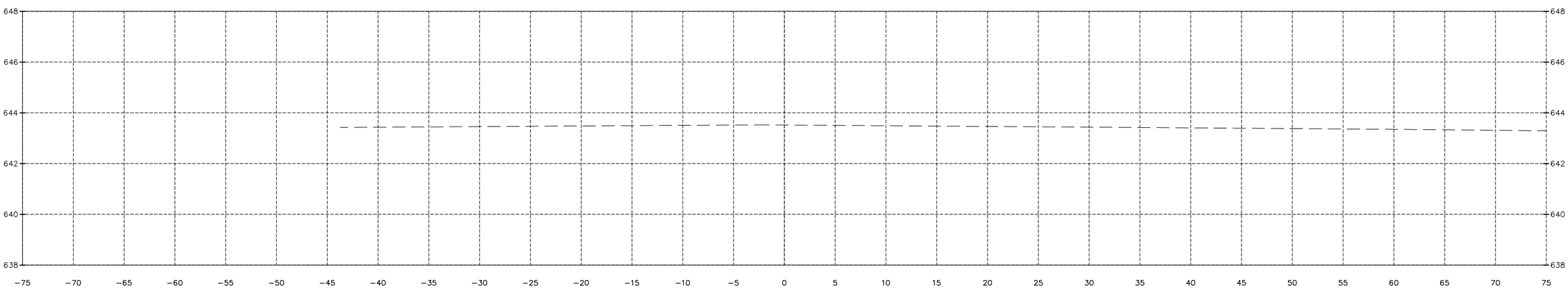
DETAILS

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET 137		
FILE NO.: 66437.00 Y-	OF 183		



10+50.00



10+00.00

– UNSUITABLE MATERIAL

– C&G REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

Chamlin & Associates

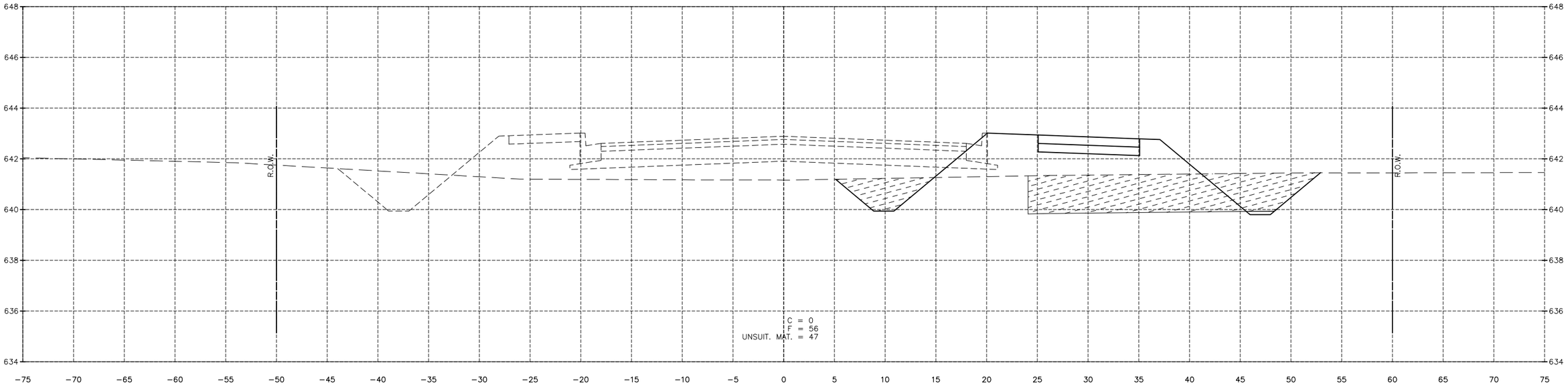
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

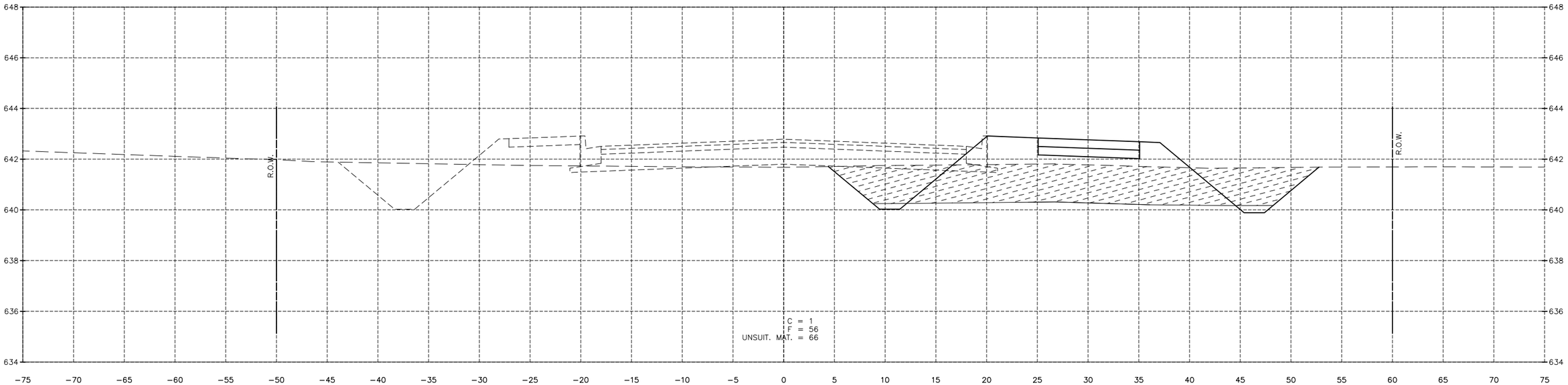
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 138
FILE NO.: 66437.00 Y–	OF 183



11+00.00



10+69.15

– UNSUITABLE MATERIAL – C&G REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

Chamlin & Associates

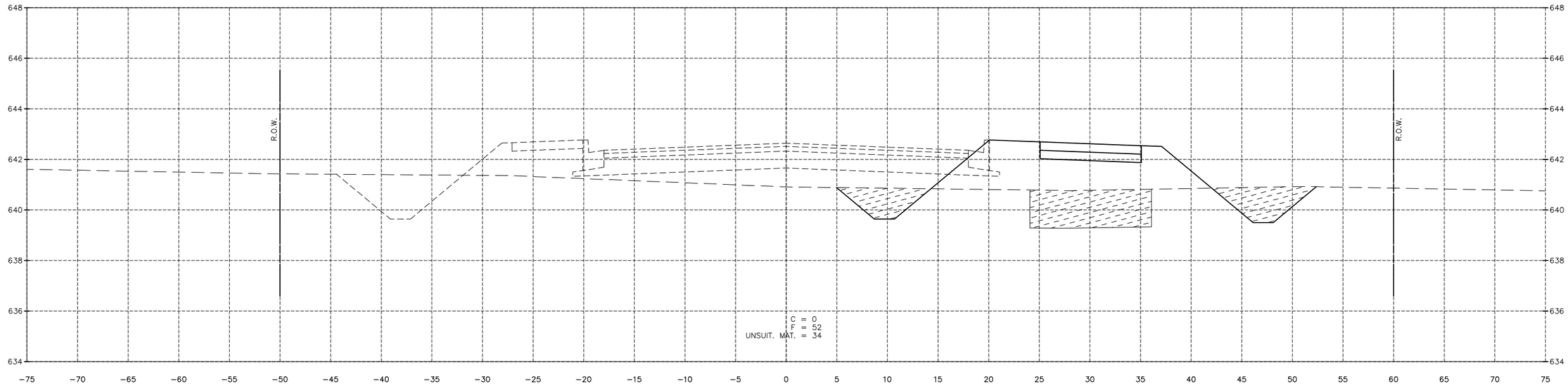
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

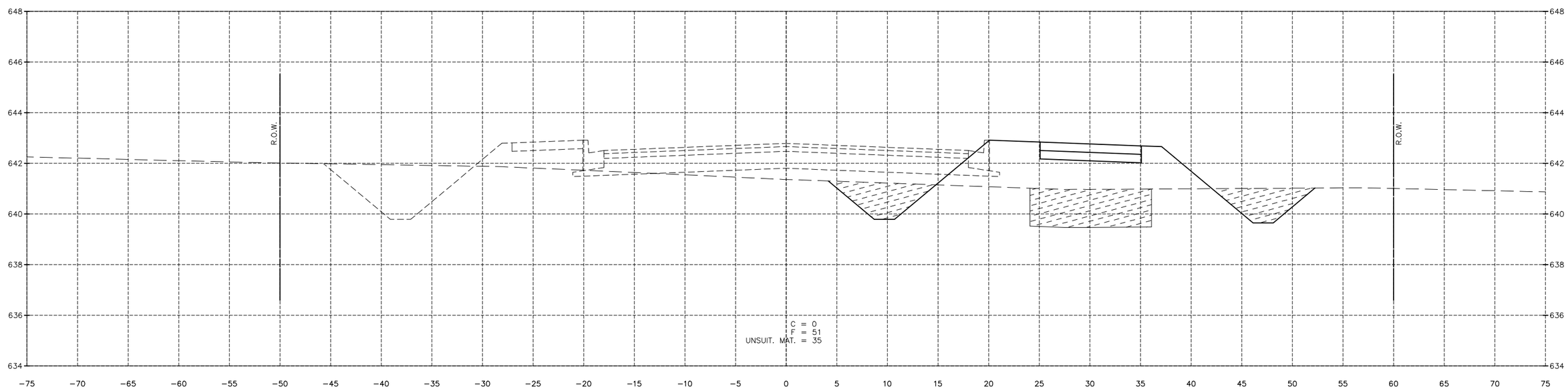
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	139	
FILE NO.: 66437.00 Y–	OF	183	



12+00.00



11+50.00

– UNSUITABLE MATERIAL – C&G REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

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PERU MORRIS
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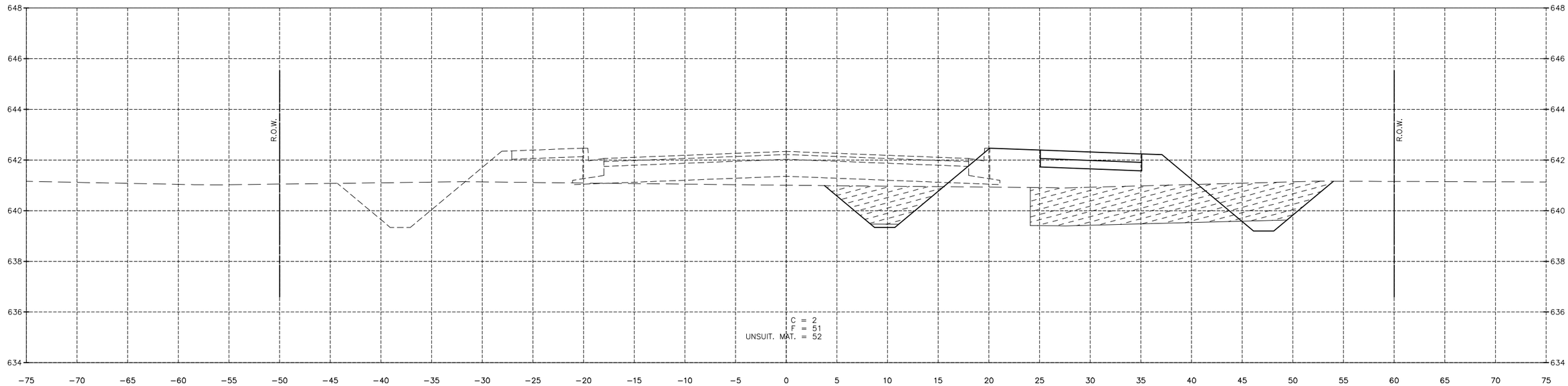
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	140	
FILE NO.: 66437.00 Y–	OF	183	



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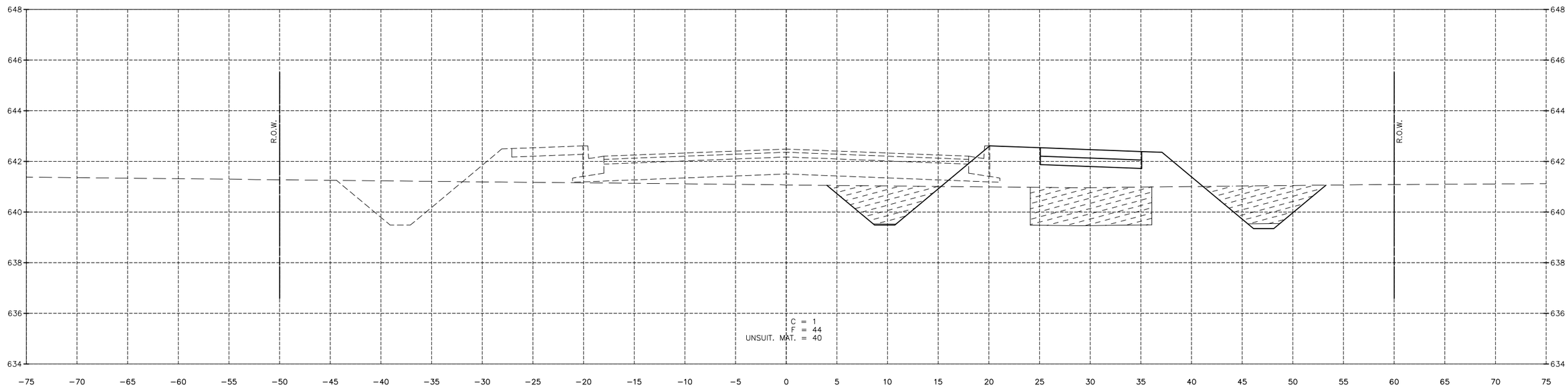

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– UNSUITABLE MATERIAL – C&G REMOVAL

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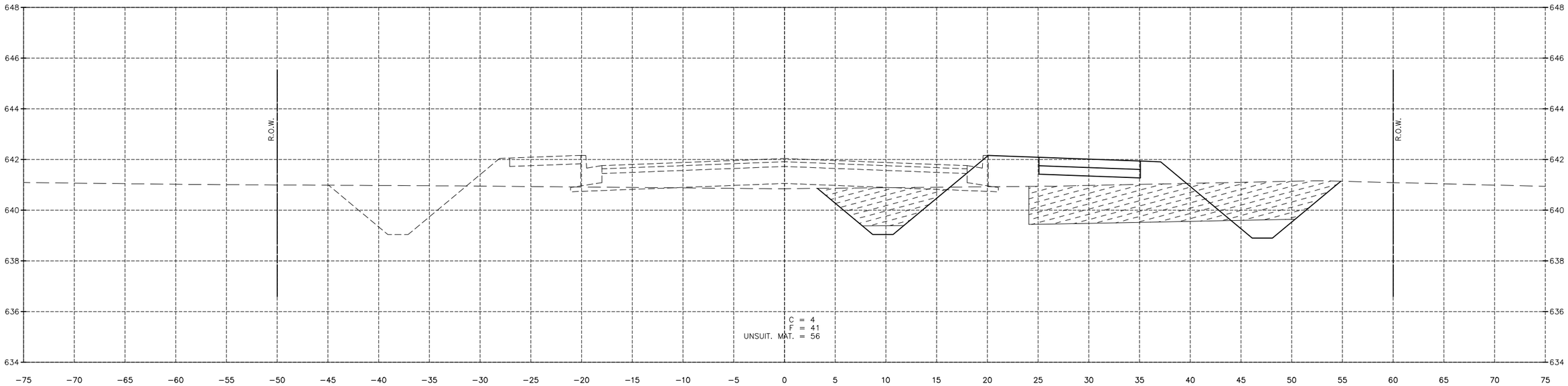
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 141
FILE NO.: 66437.00 Y–	OF 183



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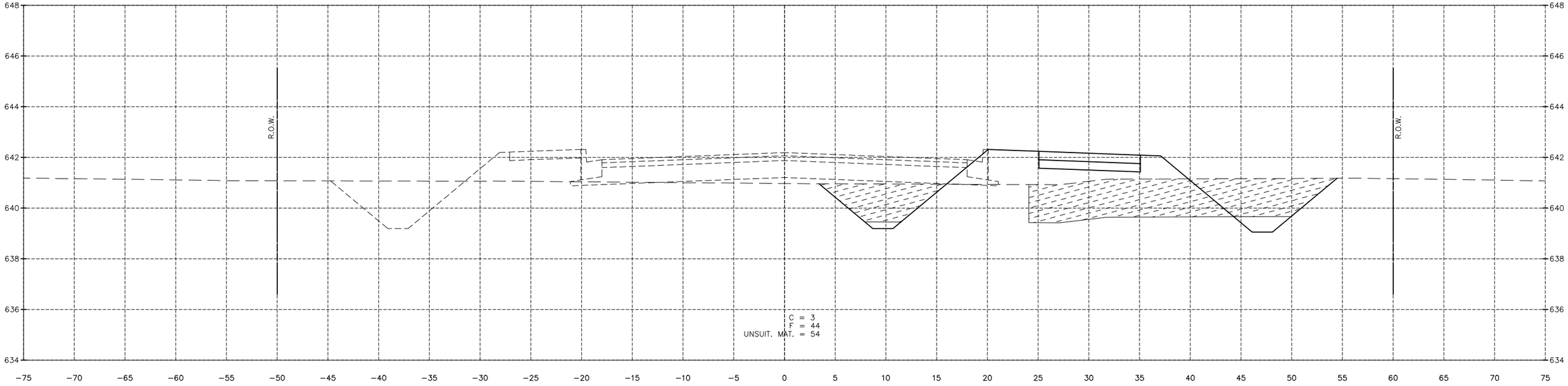

13+50.00

– UNSUITABLE MATERIAL – C&G REMOVAL

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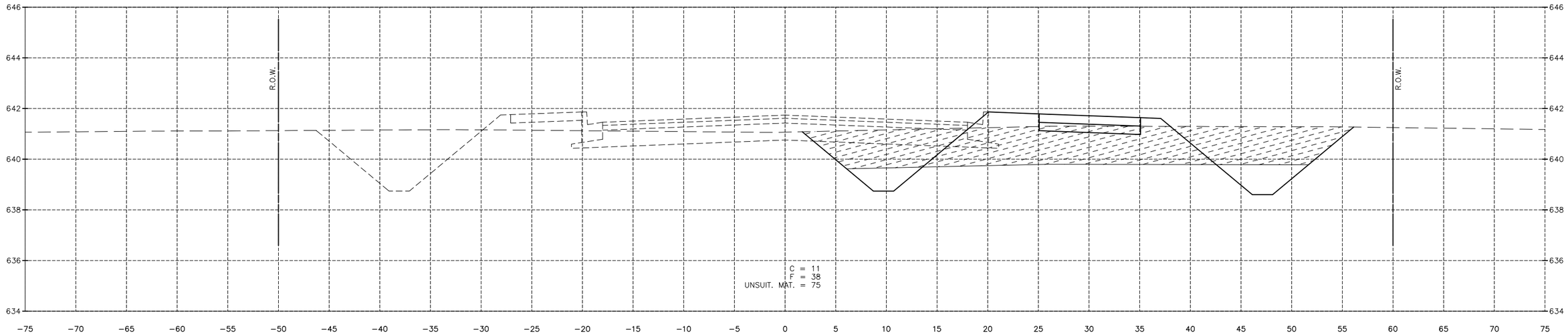
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 142
FILE NO.: 66437.00 Y–
OF 183



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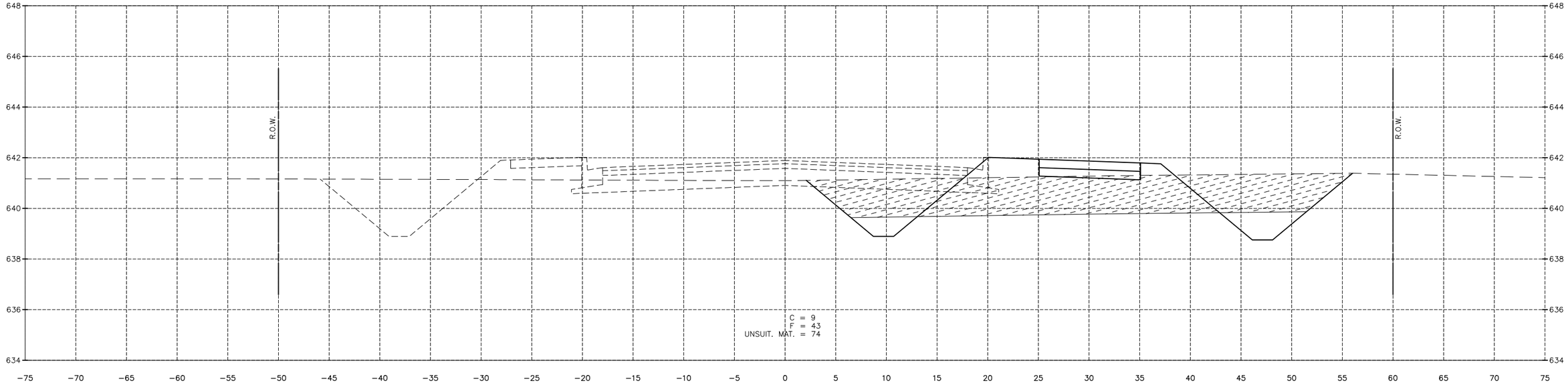

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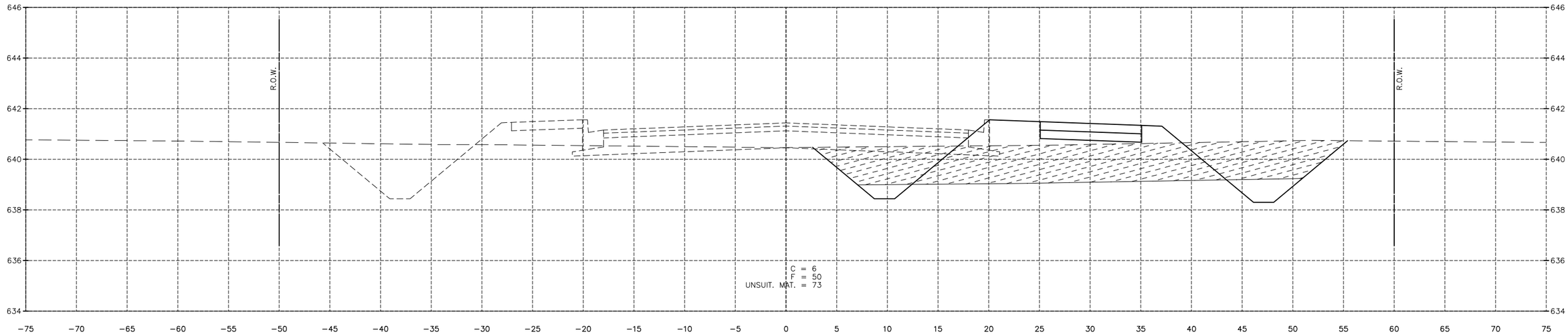
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	143	
FILE NO.: 66437.00 Y–	OF	183	



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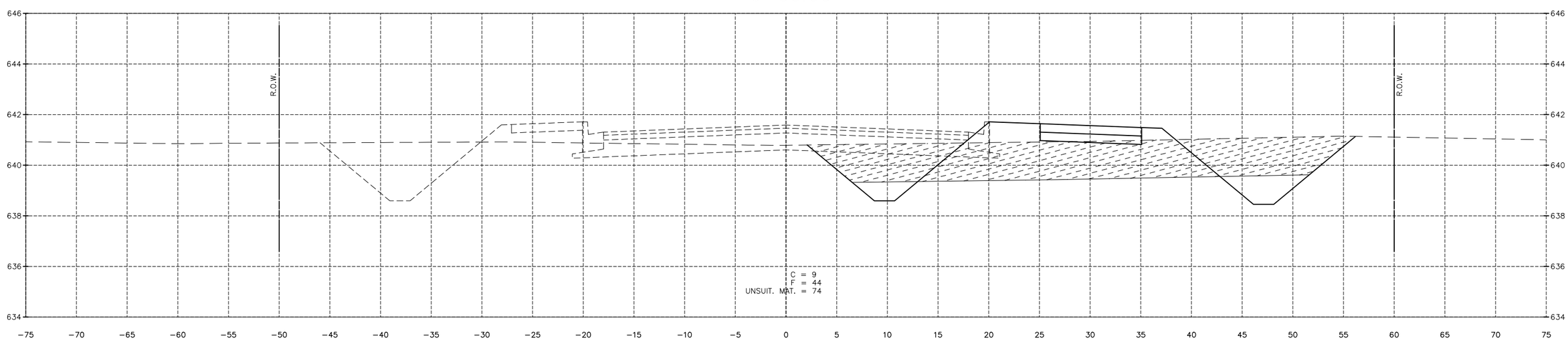

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– UNSUITABLE MATERIAL – C&G REMOVAL

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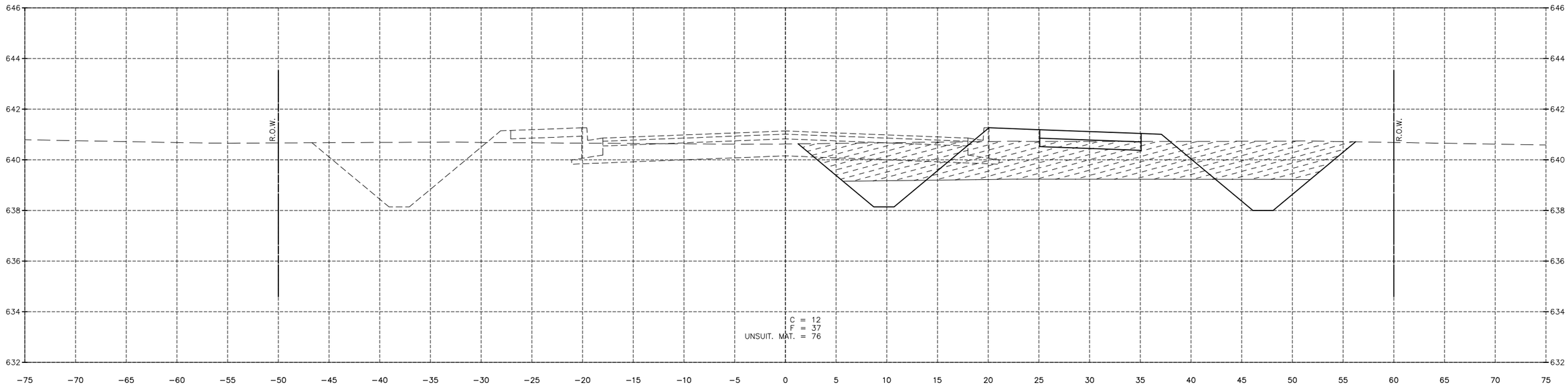
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	144	
FILE NO.: 66437.00 Y–	OF	183	



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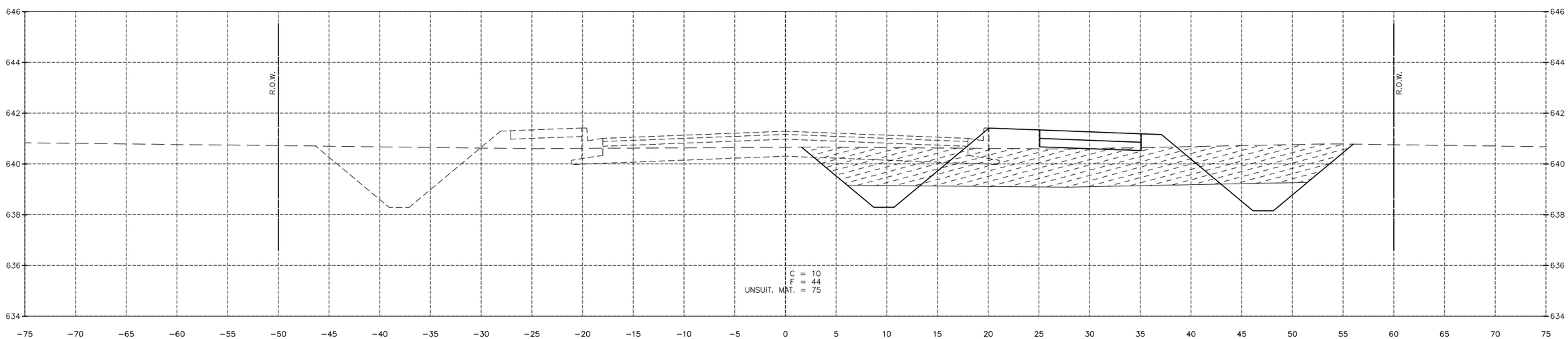

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LASALLE COUNTY

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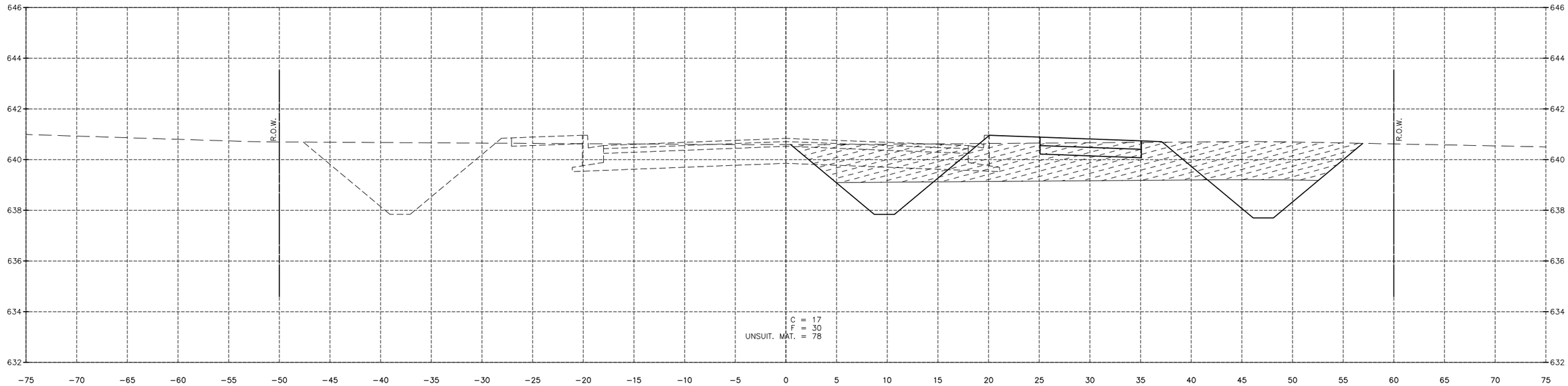
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	145	
FILE NO.: 66437.00 Y–	OF	183	



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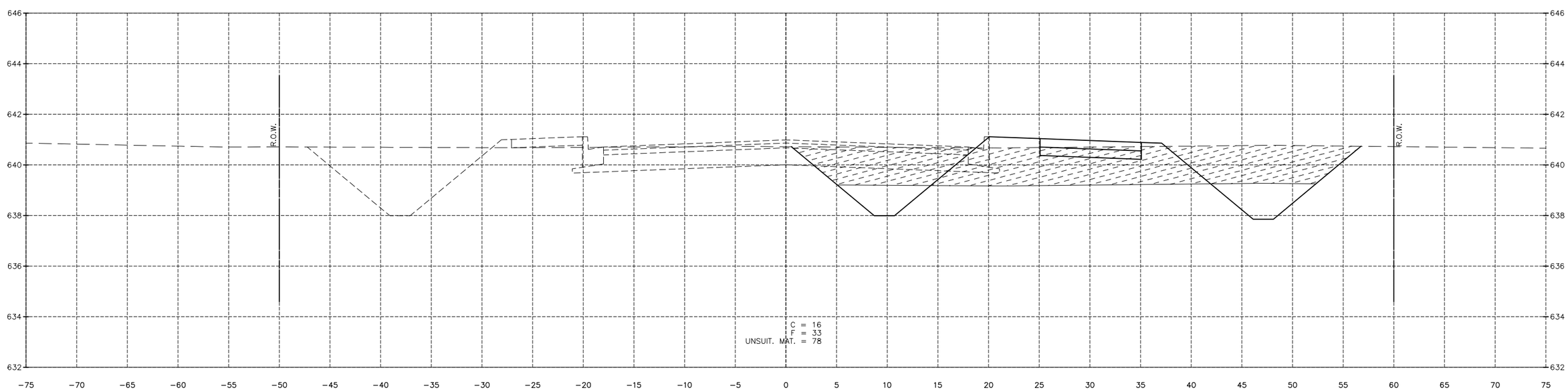

17+50.00

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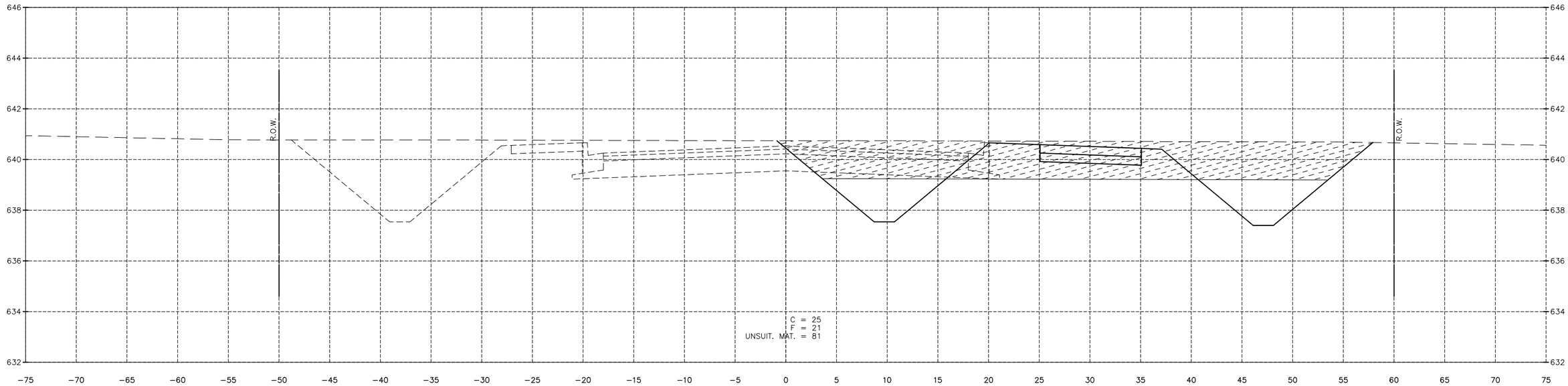
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 146
FILE NO.: 66437.00 Y–	OF 183



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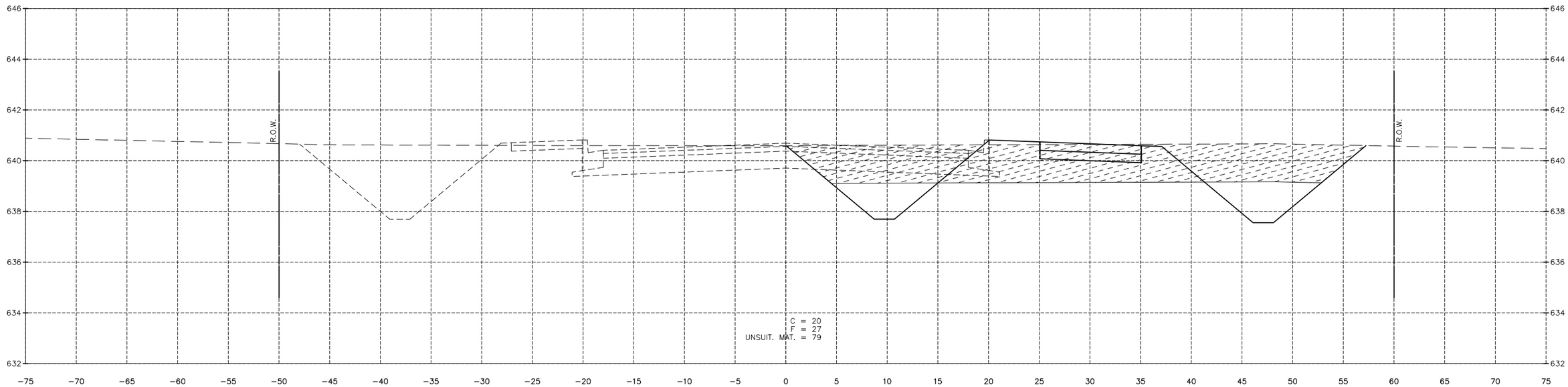

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SECTION 23-00073-00-BT
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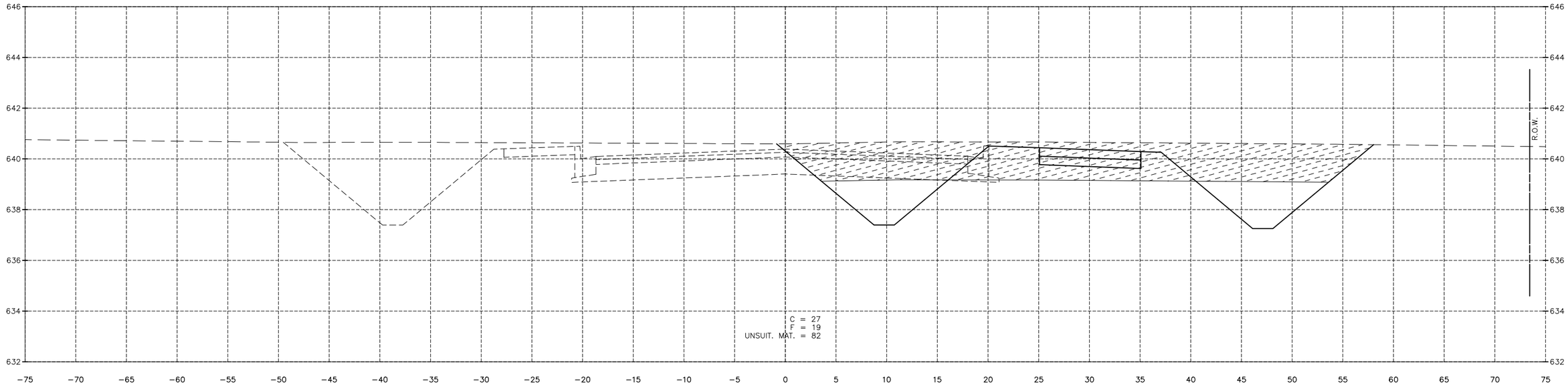
CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	147	
FILE NO.: 66437.00 Y–	OF	183	



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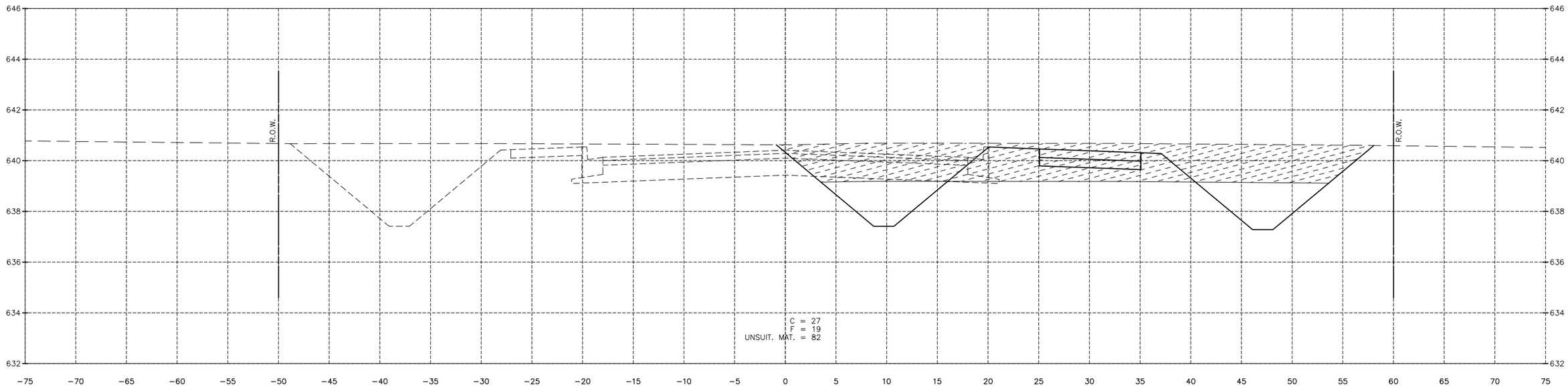

19+41.89

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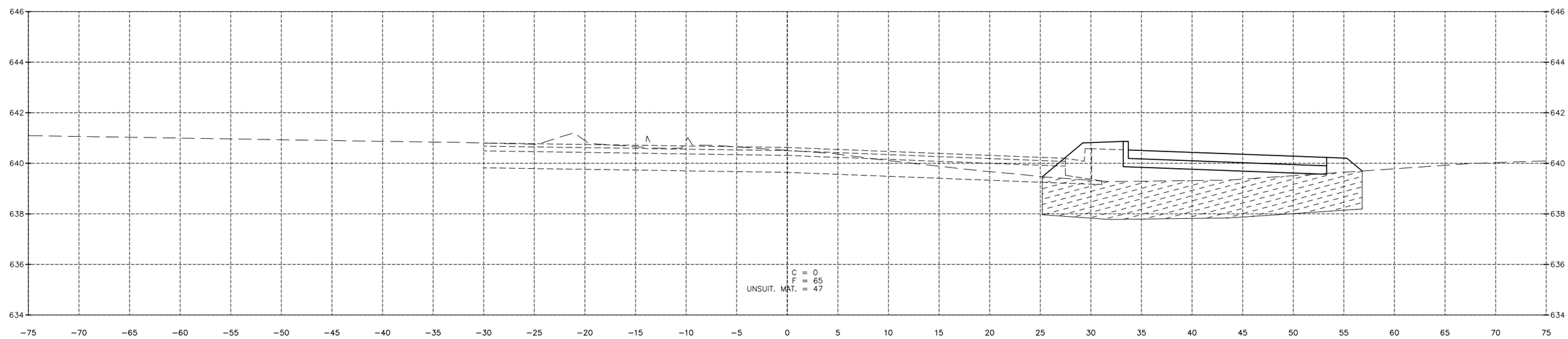
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 148
FILE NO.: 66437.00 Y–	OF 183



20+00.00

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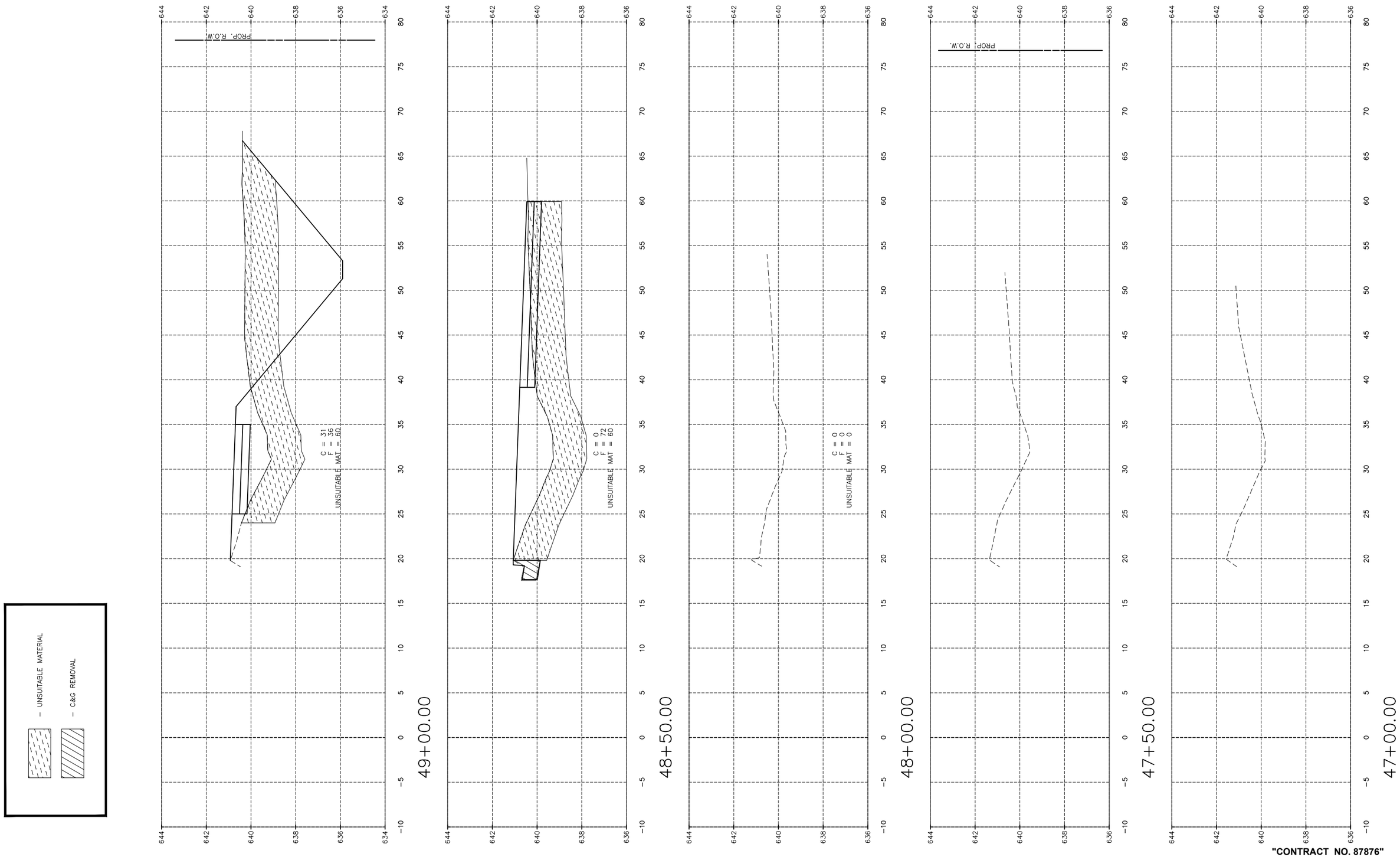
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PATH WAY

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	149
FILE NO.: 66437.00 Y–	OF	183



"CONTRACT NO. 87876"

CHAMLIN & ASSOCIATES, INC. © 2023
Drawing Name: G:\Users\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\150-153-XSEC-PLAZA.dwg Last Modified: Wednesday, December 18, 2024 9:41:07 AM Plotted On: Wednesday, December 18, 2024 10:35:47 AM by Josh Washkowick

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DATE: 06/2023

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PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PLAZA DRIVE

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
FILE NO.: 66437.00 Y–

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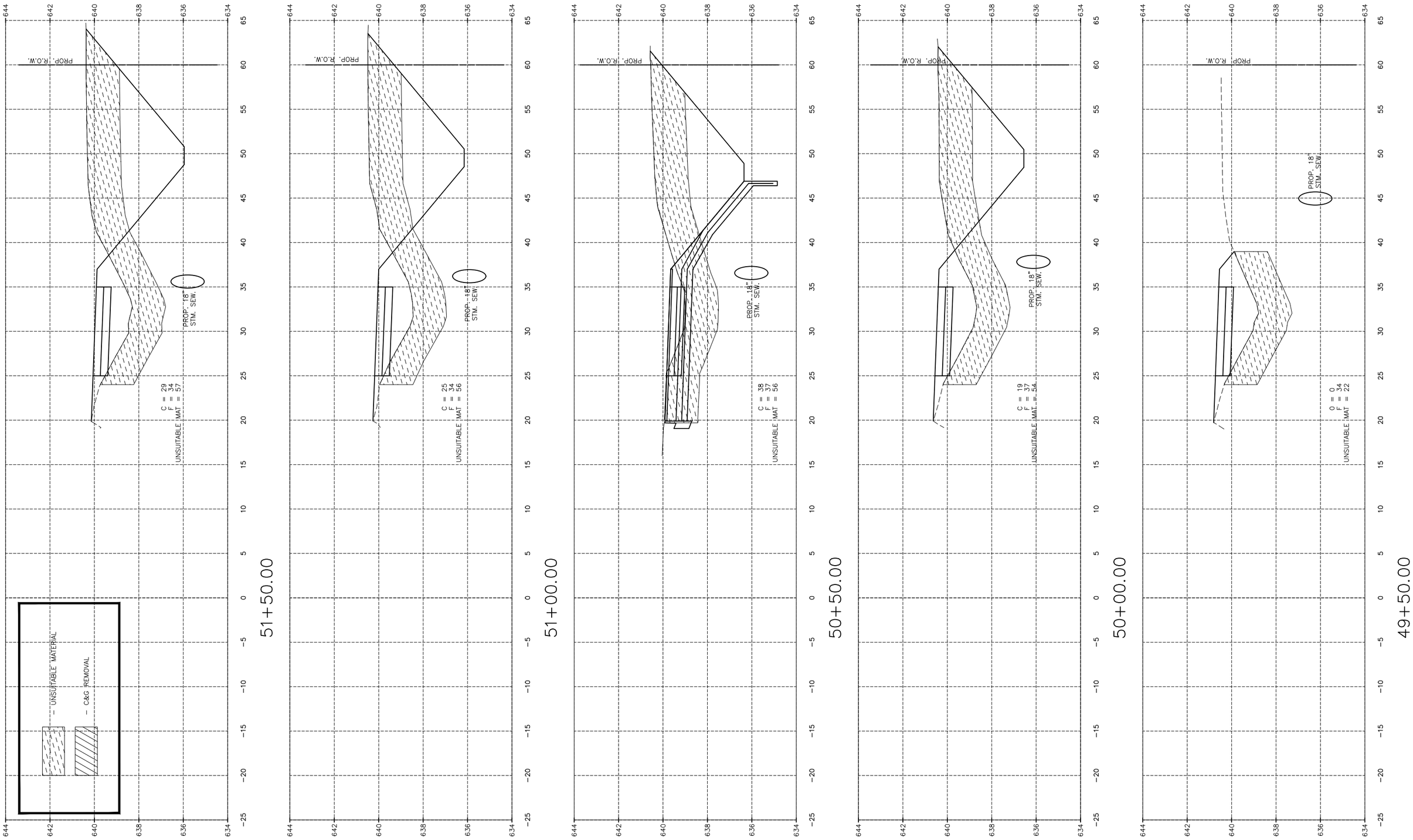
OF 183



"CONTRACT NO. 87876"

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Drawing Name: G:\Users\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\150-153-XSEC-PLAZA.dwg Last Modified: Wednesday, December 18, 2024 9:41:07 AM Plotted On: Wednesday, December 18, 2024 10:37:06 AM by Josh Washkowick

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DATE: 06/2023					

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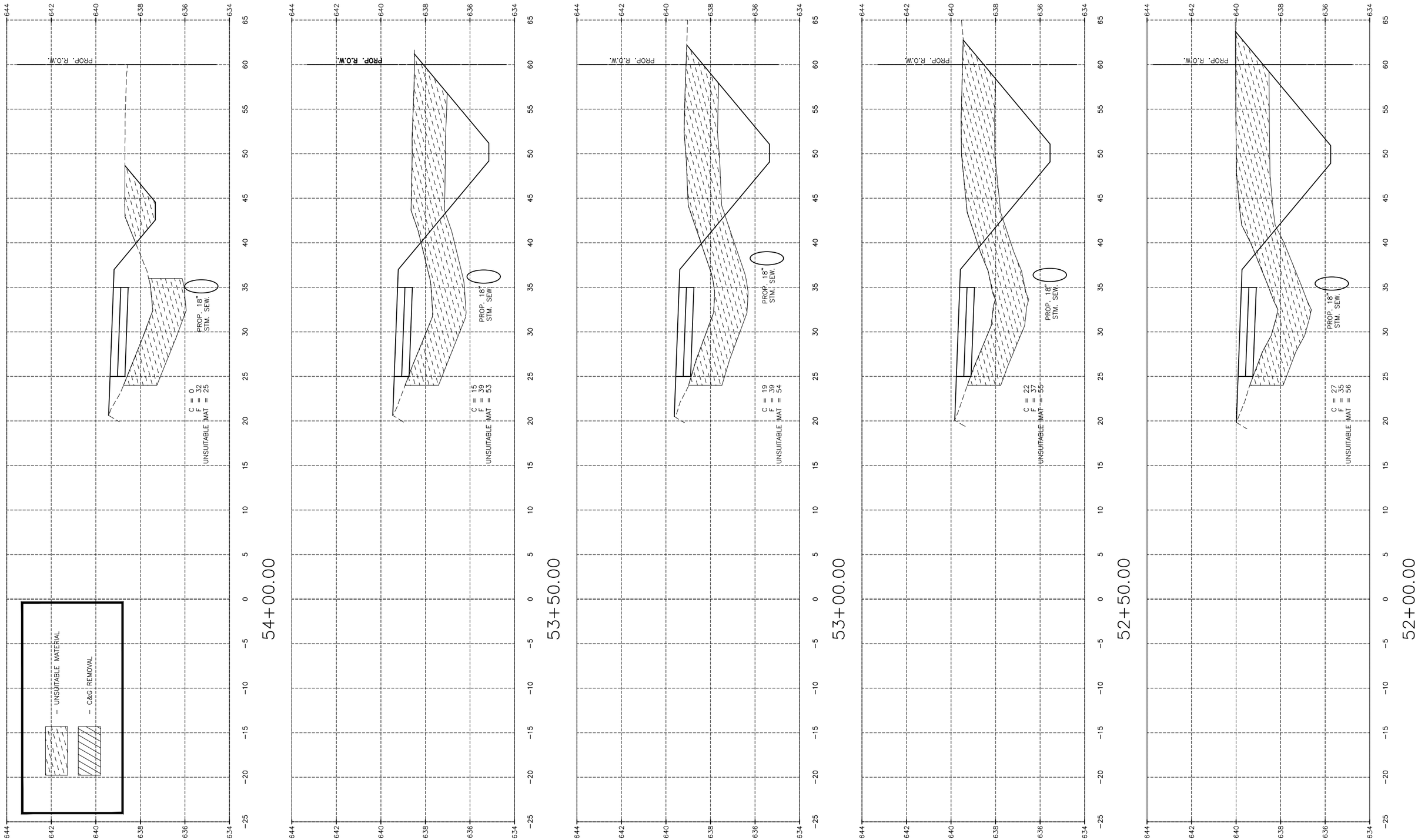
CROSS SECTIONS
PLAZA DRIVE

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 151
FILE NO.: 66437.00 Y-	OF 183



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SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PLAZA DRIVE

CONSTRUCTION PLANS

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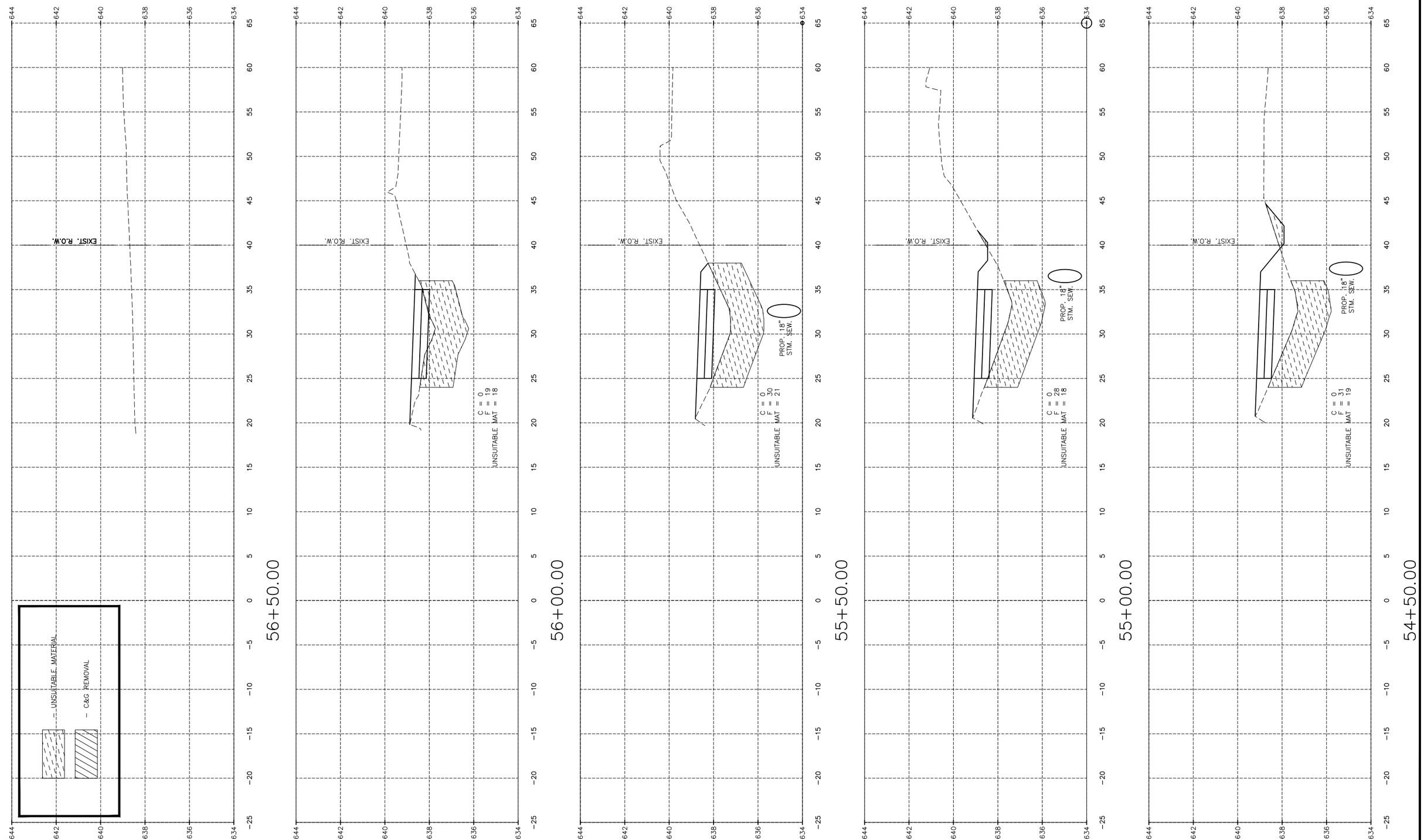
SCALE: AS NOTED	SHEET	152
FILE NO.: 66437.00 Y–	OF	183



"CONTRACT NO. 87876"

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Drawing Name: G:\Users\K\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\150-153-XSEC-PLAZA.dwg Last Modified: Wednesday, December 18, 2024 9:41:07 AM Plotted On: Wednesday, December 18, 2024 10:40:05 AM by Josh Washkowick

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SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
PLAZA DRIVE

CONSTRUCTION PLANS

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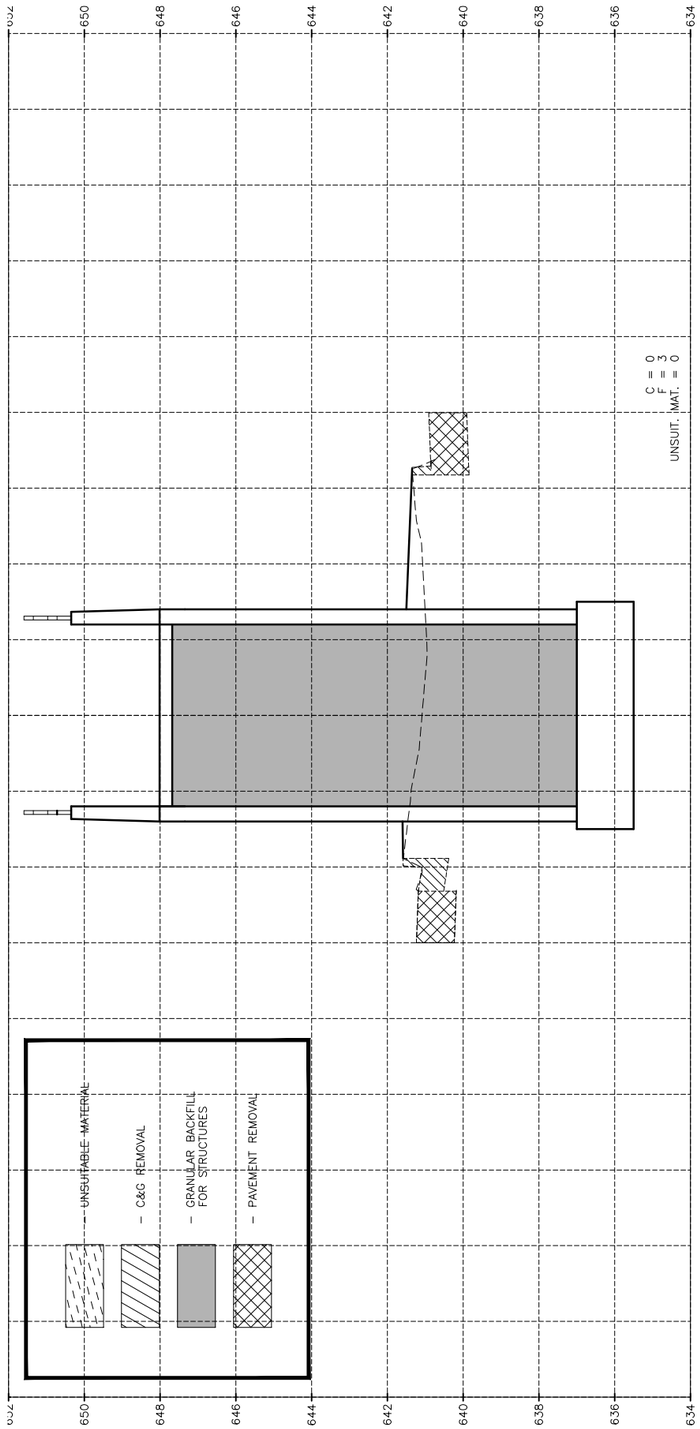
SCALE: AS NOTED
SHEET 153
FILE NO.: 66437.00 Y-
OF 183



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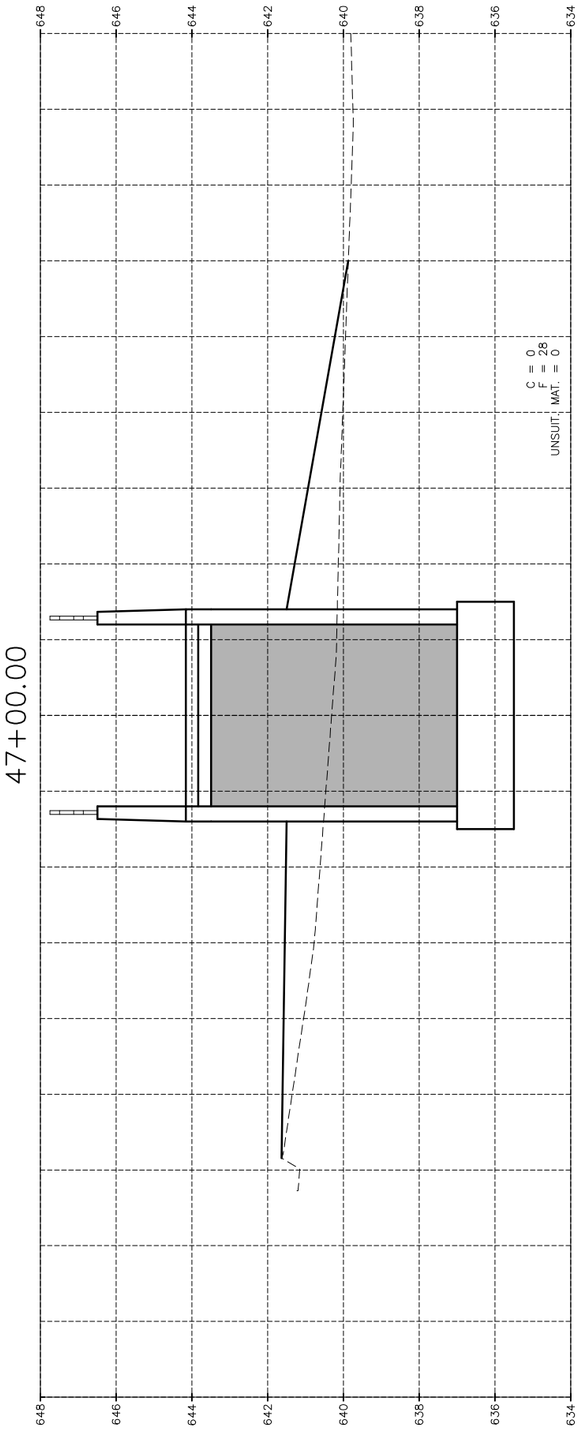

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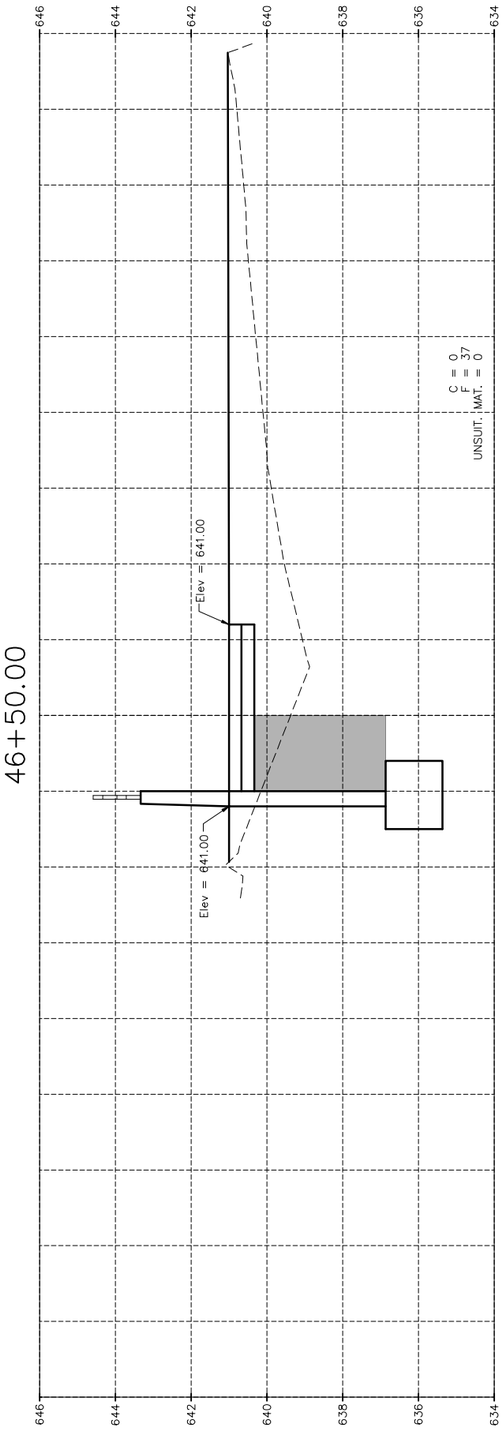

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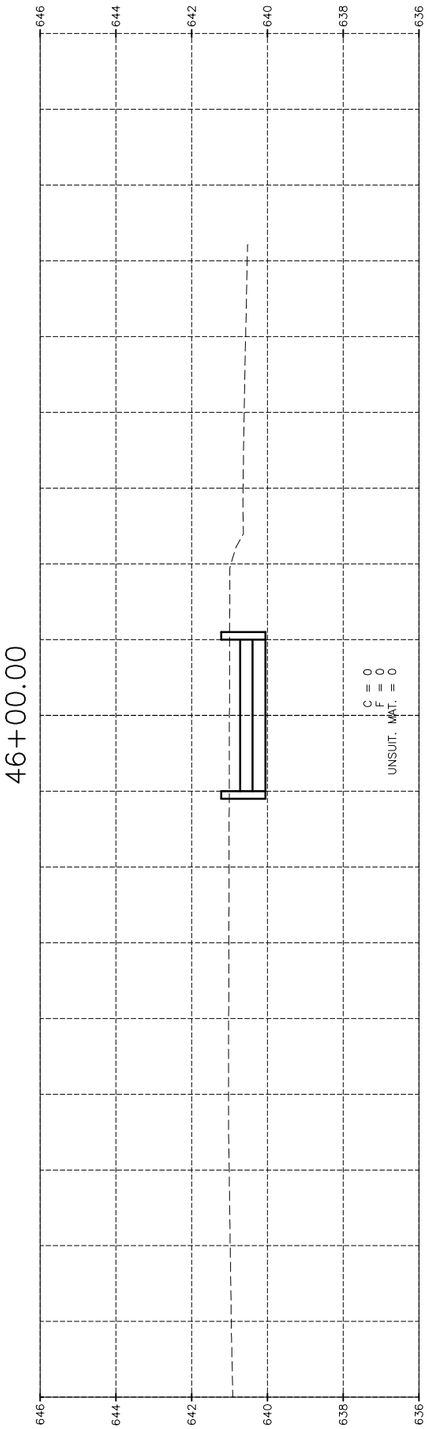

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"CONTRACT NO. 87876"

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Plotted On: Wednesday, December 18, 2024 10:00:08 AM

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LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	154
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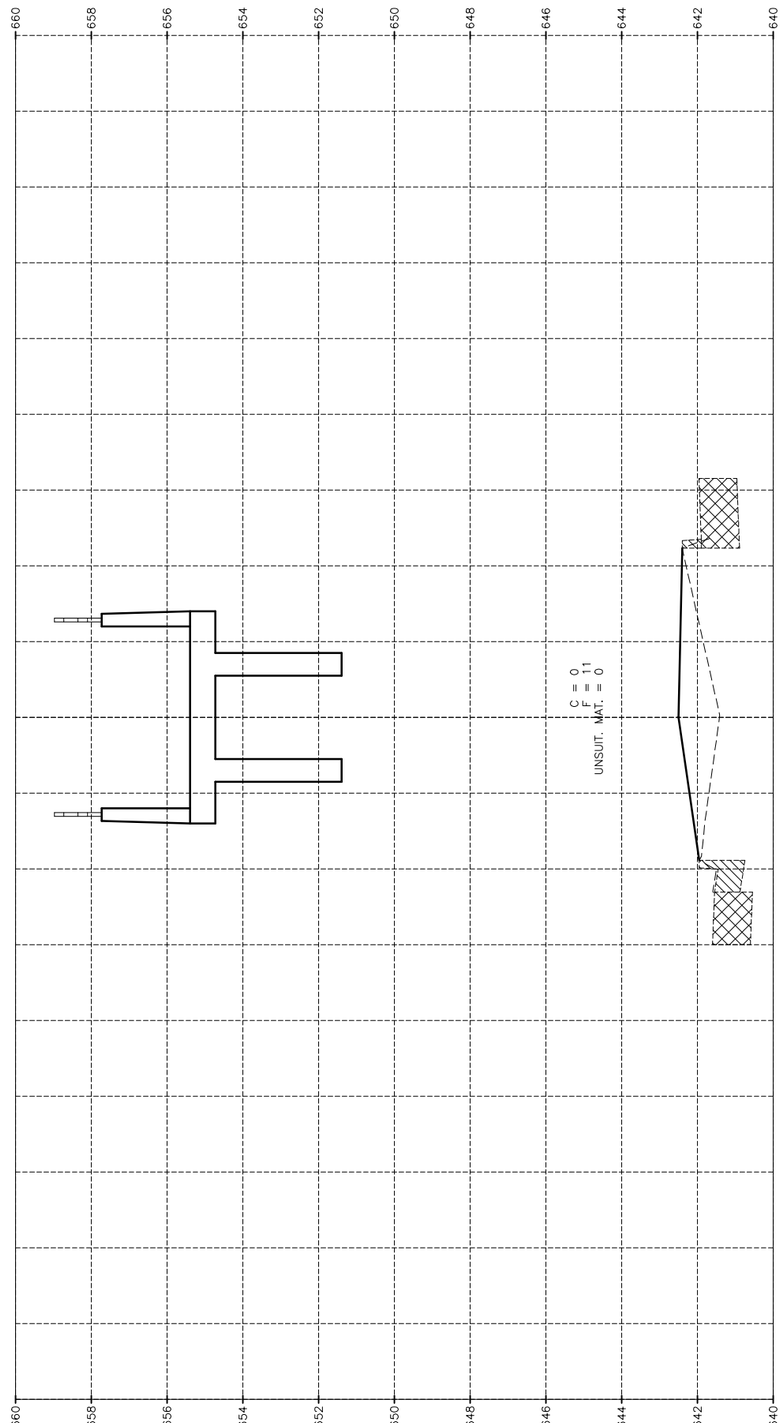

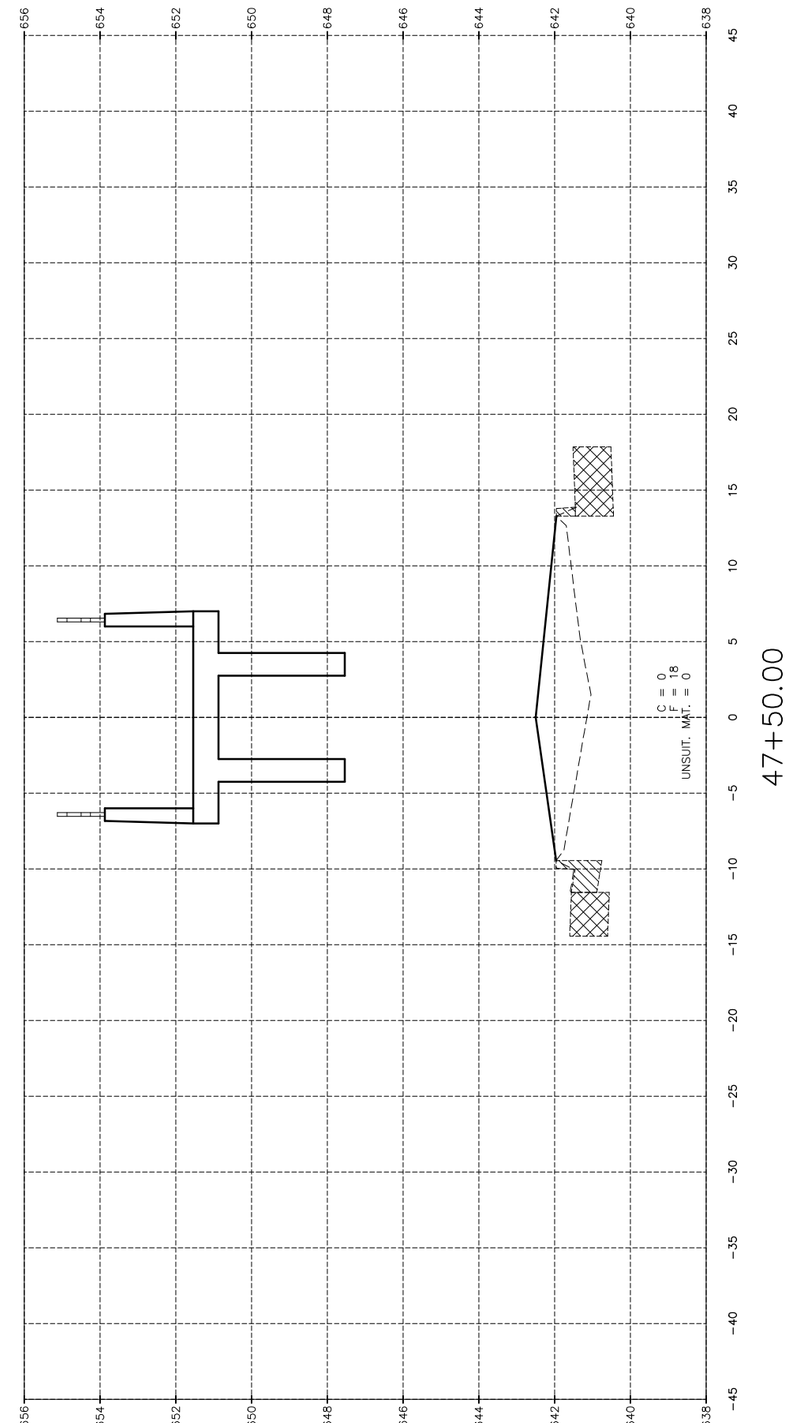

- UNSUITABLE MATERIAL
- C&G REMOVAL
- GRANULAR BACKFILL FOR STRUCTURES
- PAVEMENT REMOVAL

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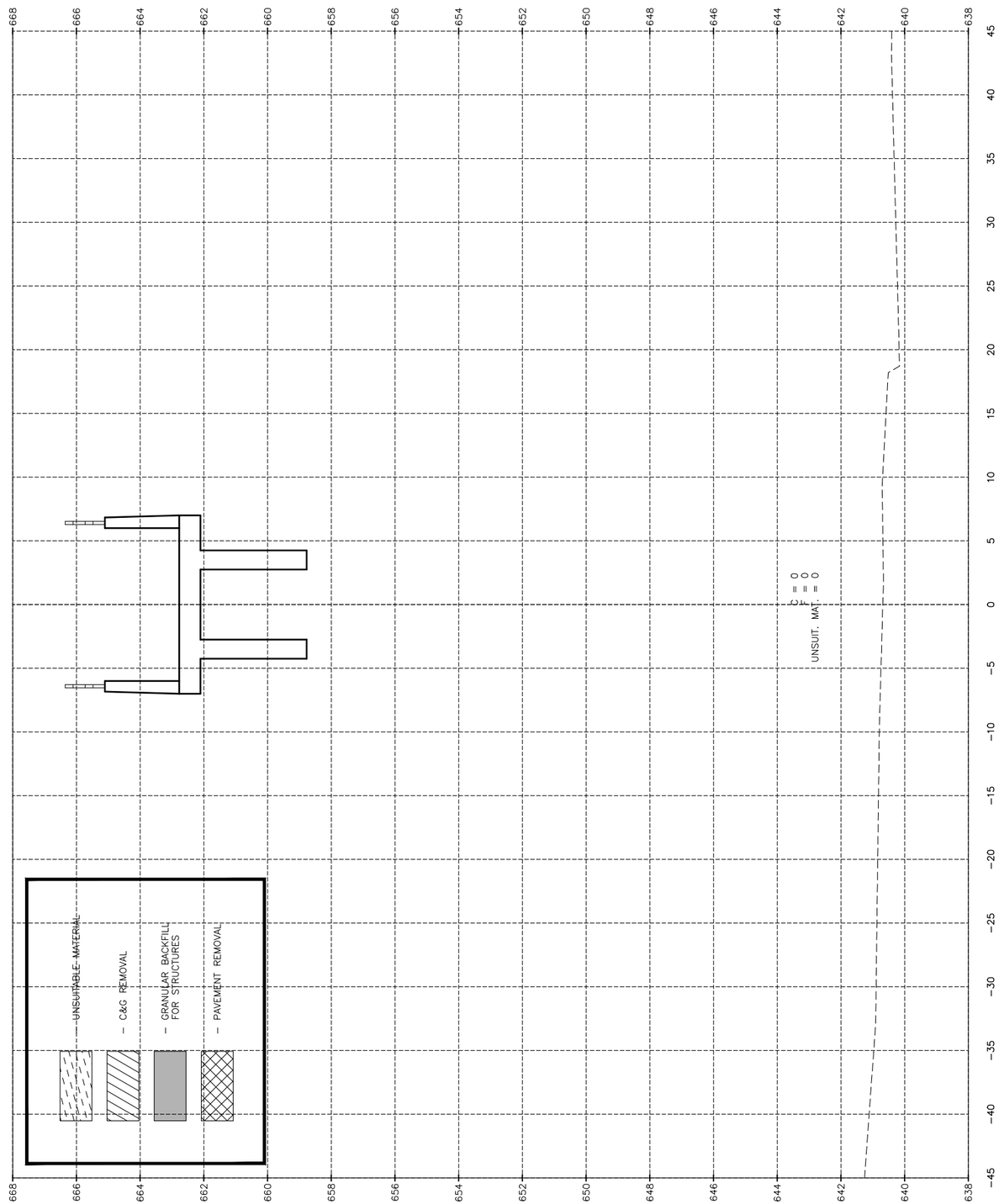
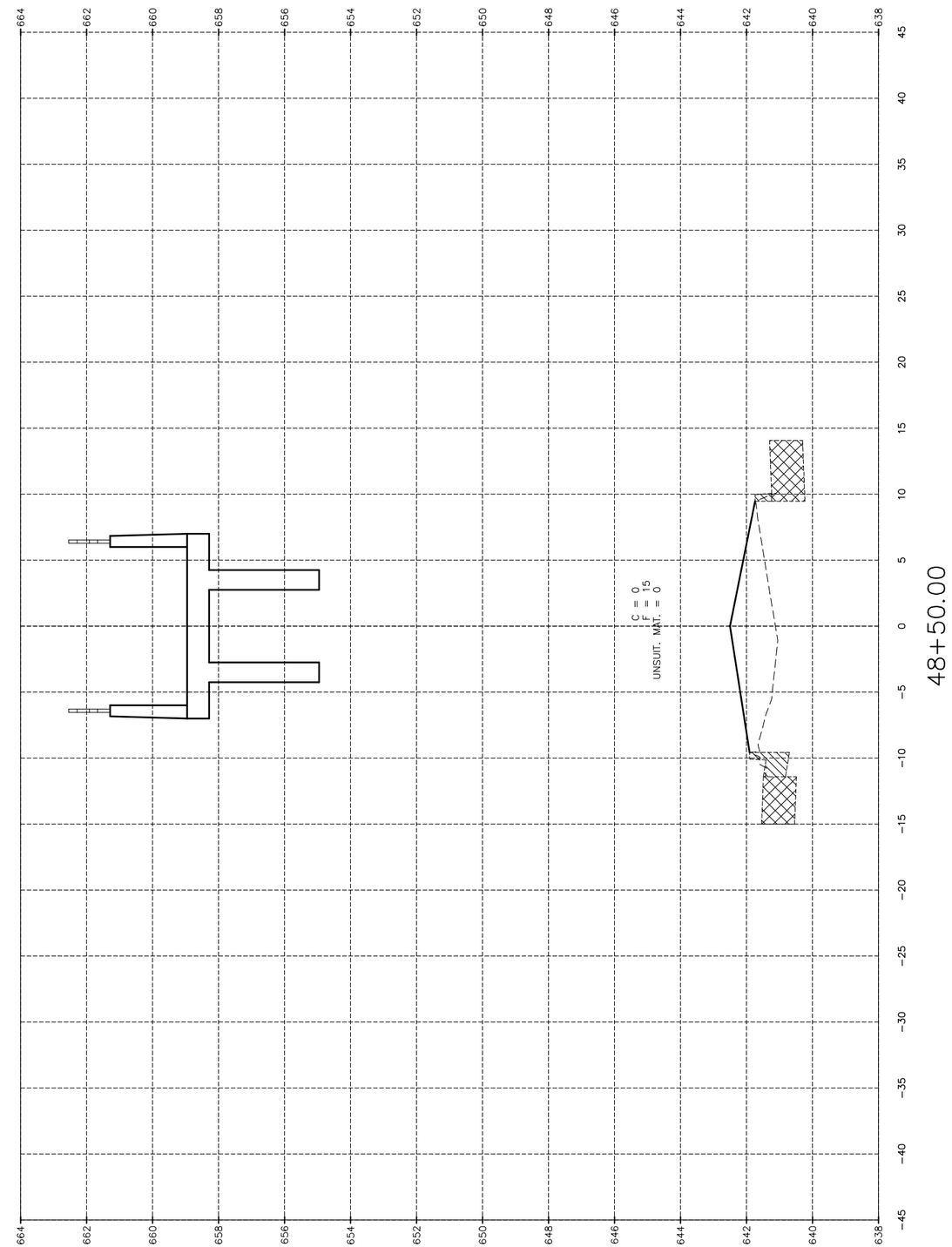
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	155	
FILE NO.: 66437.00 Y-	OF	183	





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CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

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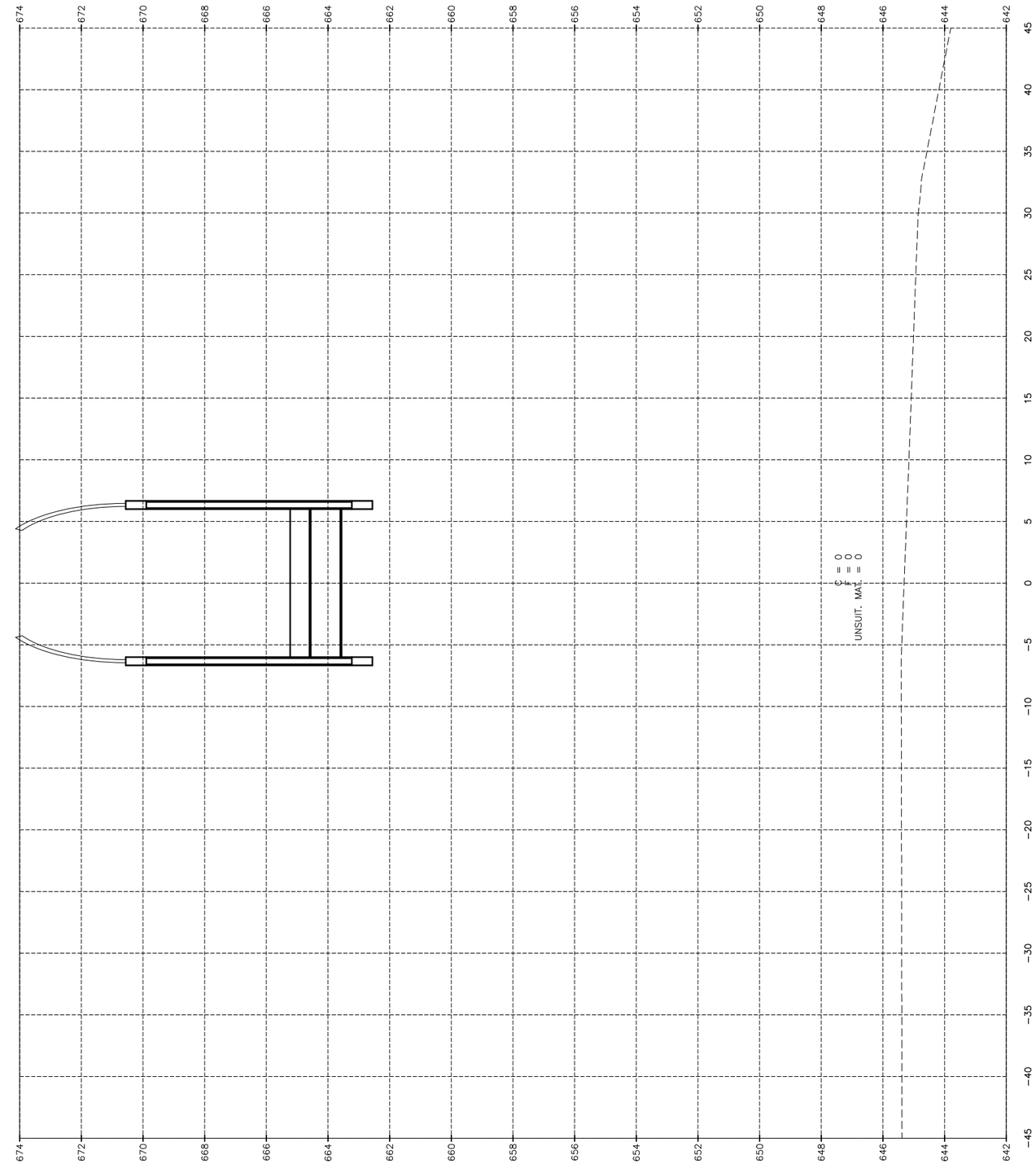
SCALE: AS NOTED
SHEET 156
FILE NO.: 66437.00 Y-
OF 183



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- C&G REMOVAL
- GRANULAR BACKFILL FOR STRUCTURES
- PAVEMENT REMOVAL

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SCALE: AS NOTED	SHEET	157
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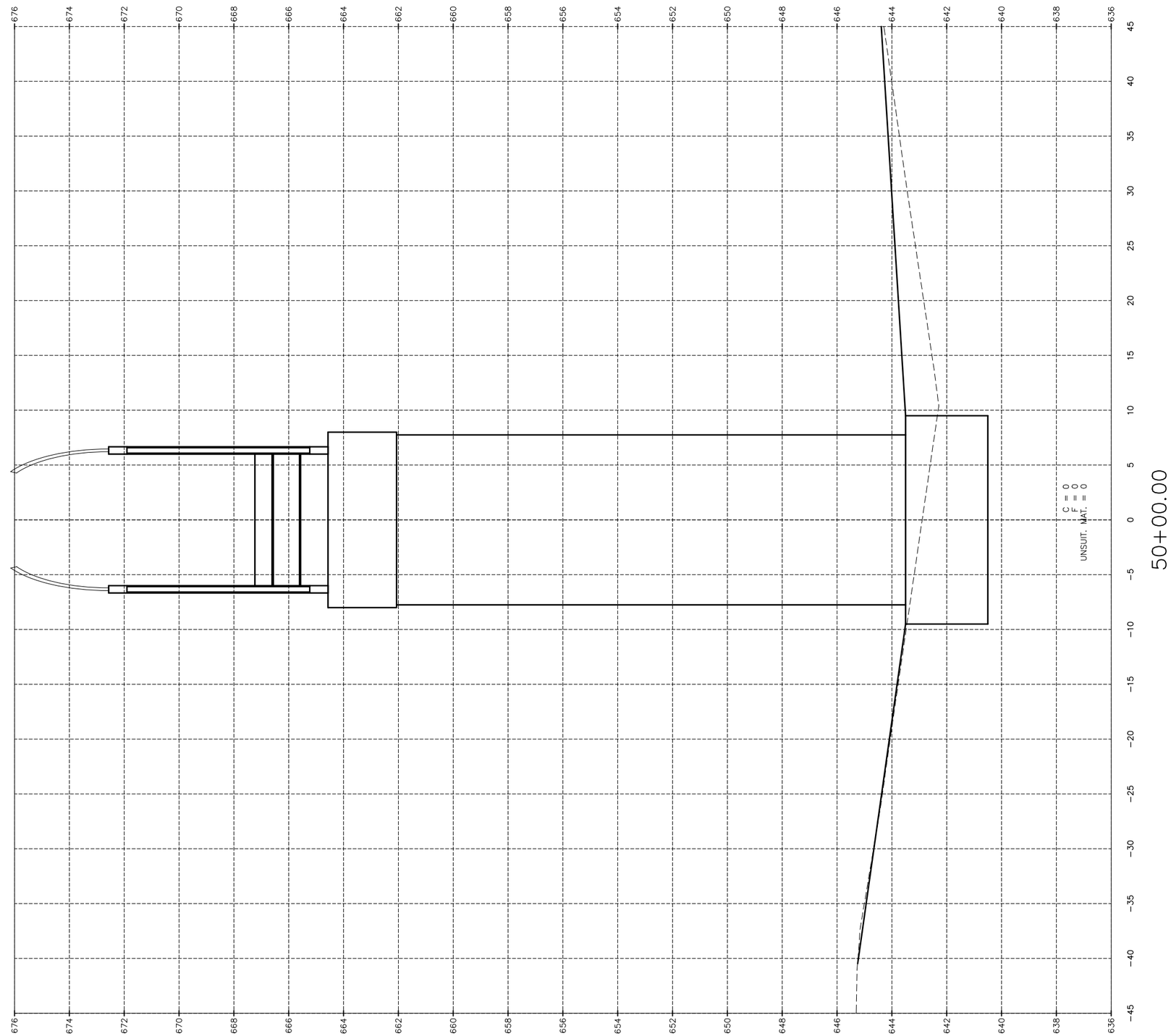

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- C&G REMOVAL
- GRANULAR BACKFILL FOR STRUCTURES
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LEVEL	BY	DATE	DESCRIPTION

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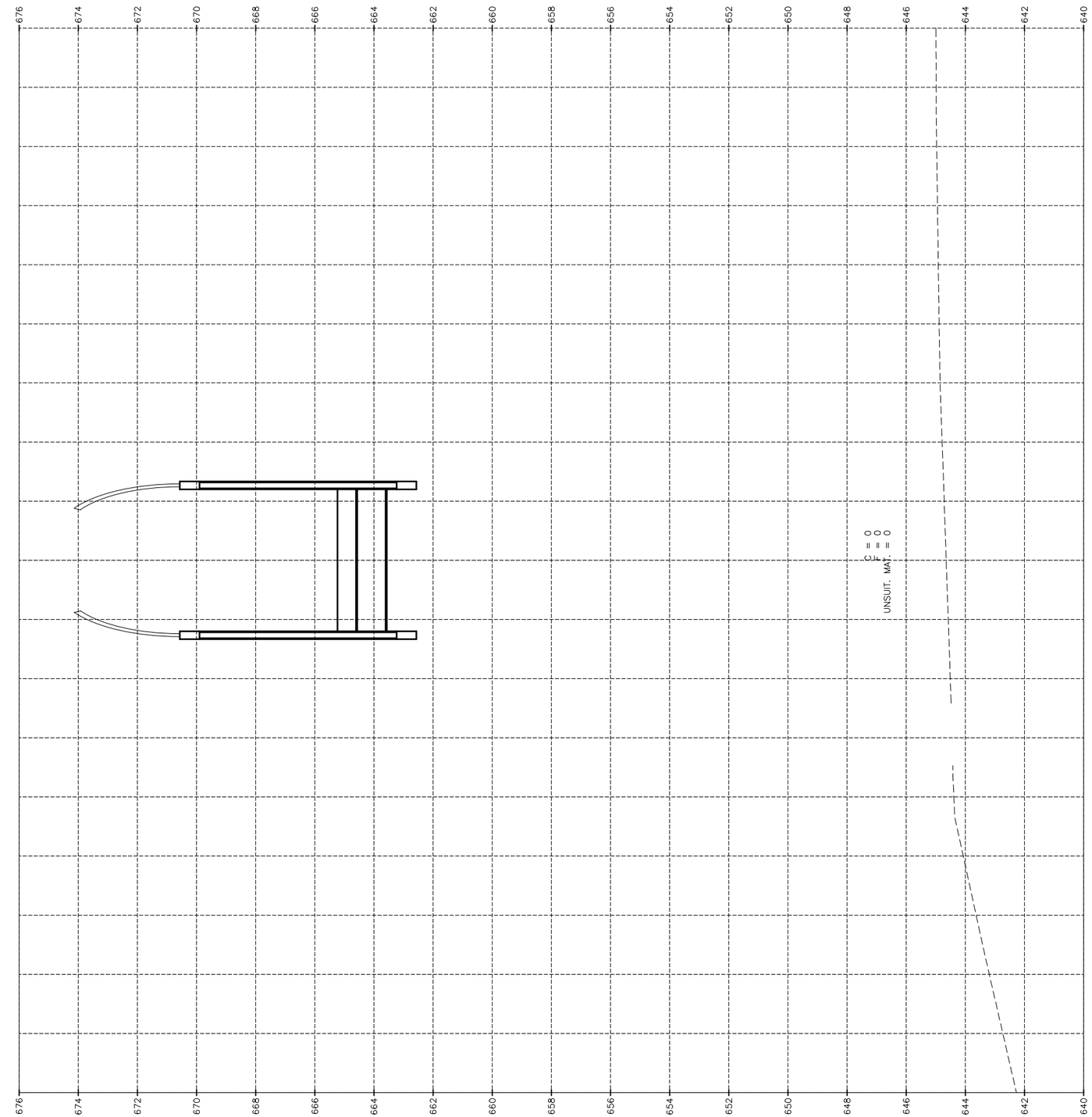
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 158
FILE NO.: 66437.00 Y-
OF 183



- UNSUITABLE MATERIAL
- C&G REMOVAL
- GRANULAR BACKFILL FOR STRUCTURES
- PAVEMENT REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 06/2023					

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PERU MORRIS
OTTAWA MENDOTA
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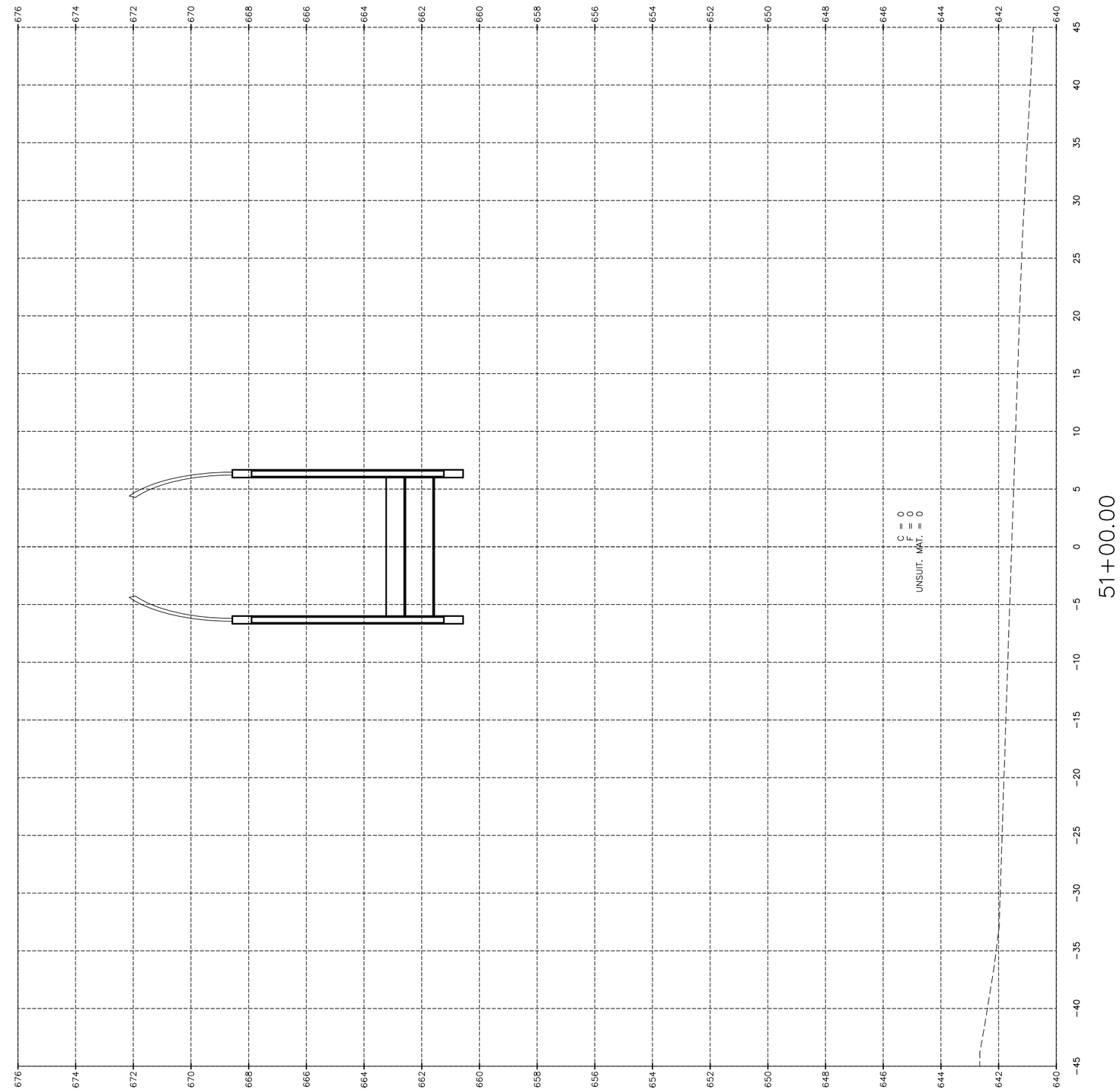
PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024			
SCALE: AS NOTED	SHEET	159	
FILE NO.: 66437.00 Y-	OF	183	



"CONTRACT NO. 87876"

- UNSUITABLE MATERIAL
- C&G REMOVAL
- GRANULAR BACKFILL FOR STRUCTURES
- PAVEMENT REMOVAL

DRAWN BY: LMP	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 06/2023					

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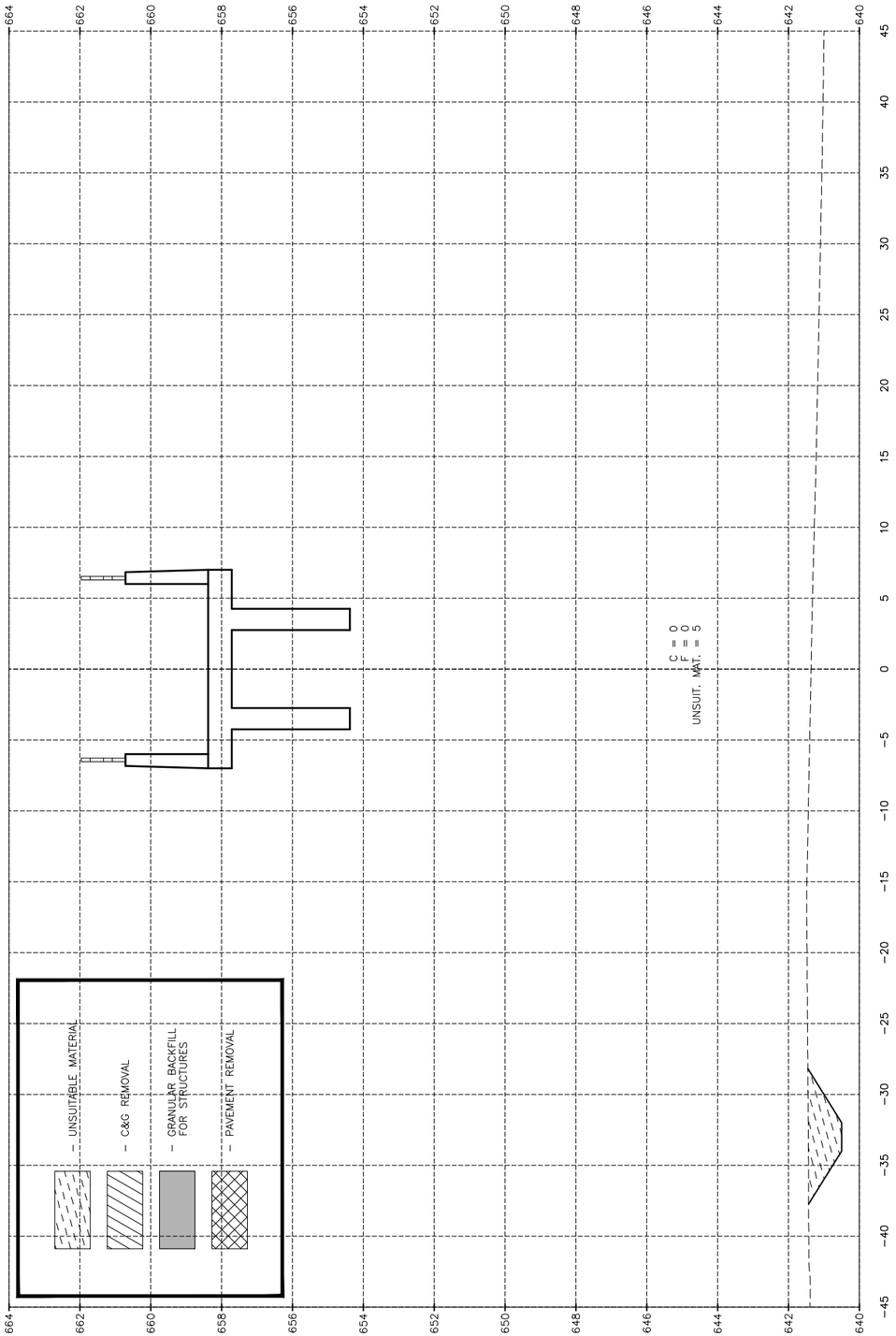
ILLINOIS

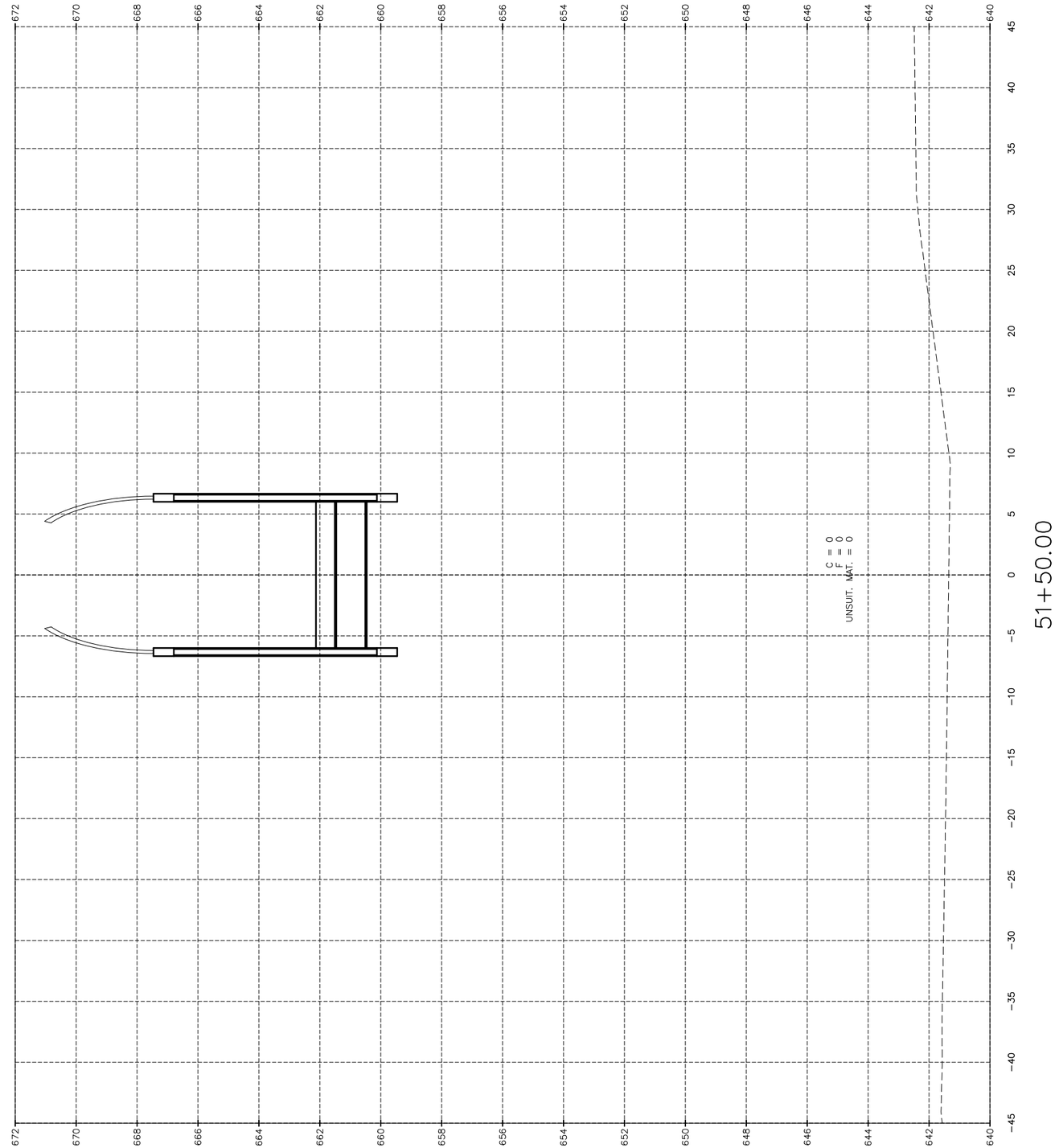
PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	160
FILE NO.: 66437.00 Y-	OF	183





"CONTRACT NO. 87876"

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Drawing Name: G:\Users\K\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\154-166-XSEC-BRIDGE PATH.dwg Last Modified: Wednesday, December 18, 2024 10:00:08 AM Plotted On: Wednesday, December 18, 2024 10:19:04 AM by: Josh Washkowiak

DRAWN BY: LMP	REVISIONS				
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DATE: 06/2023					

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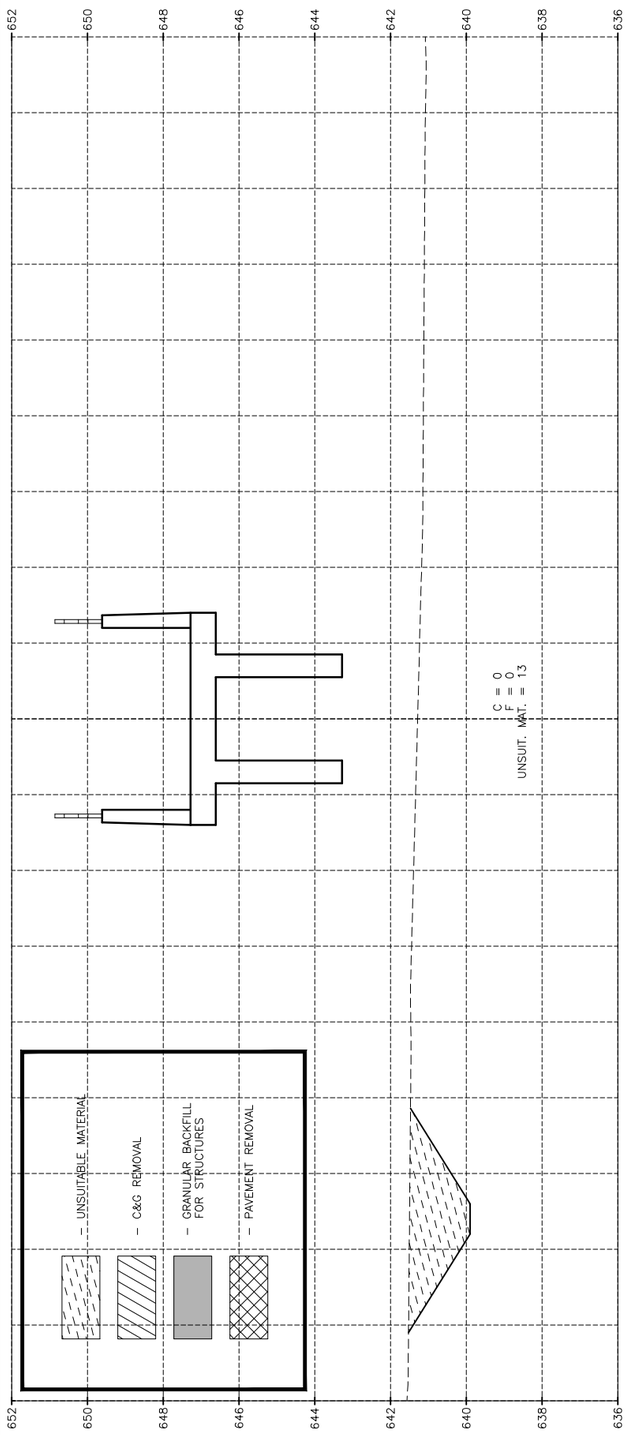
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	161
FILE NO.: 66437.00 Y-	OF	183



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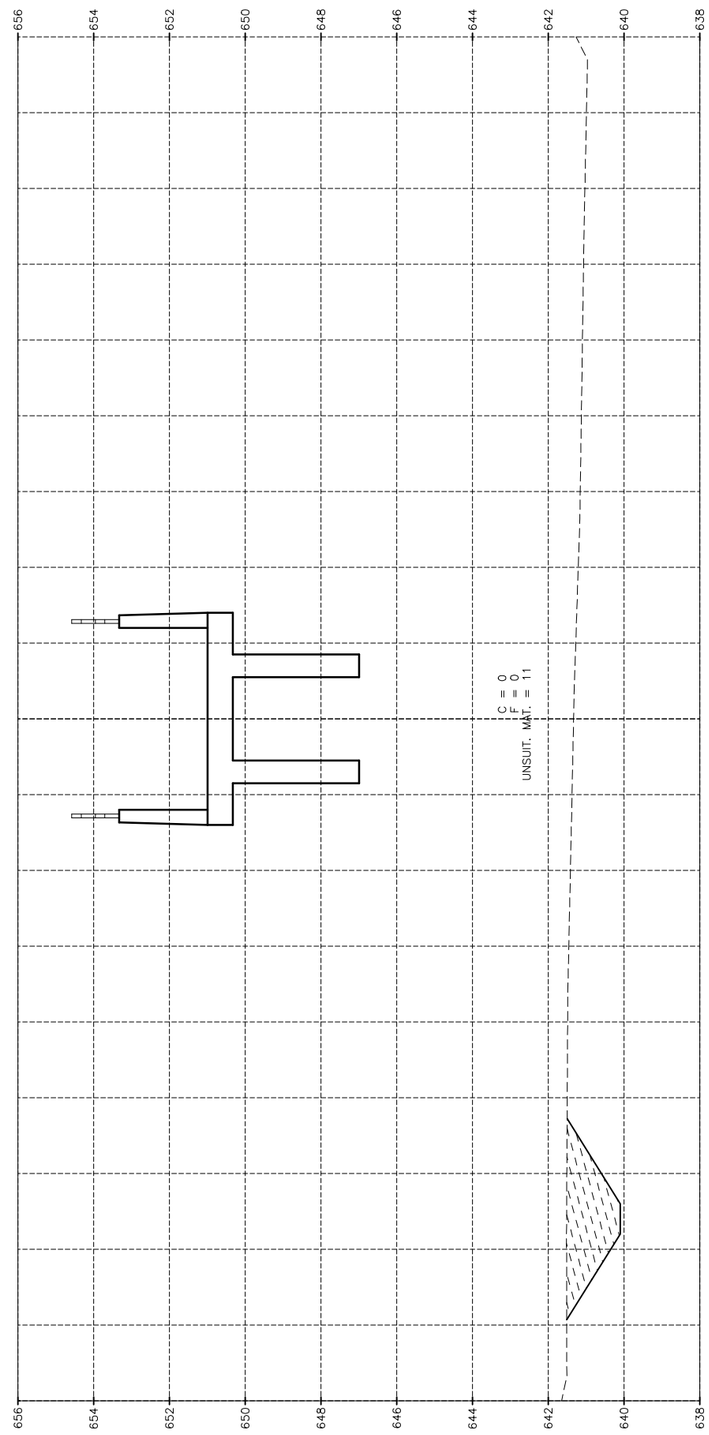

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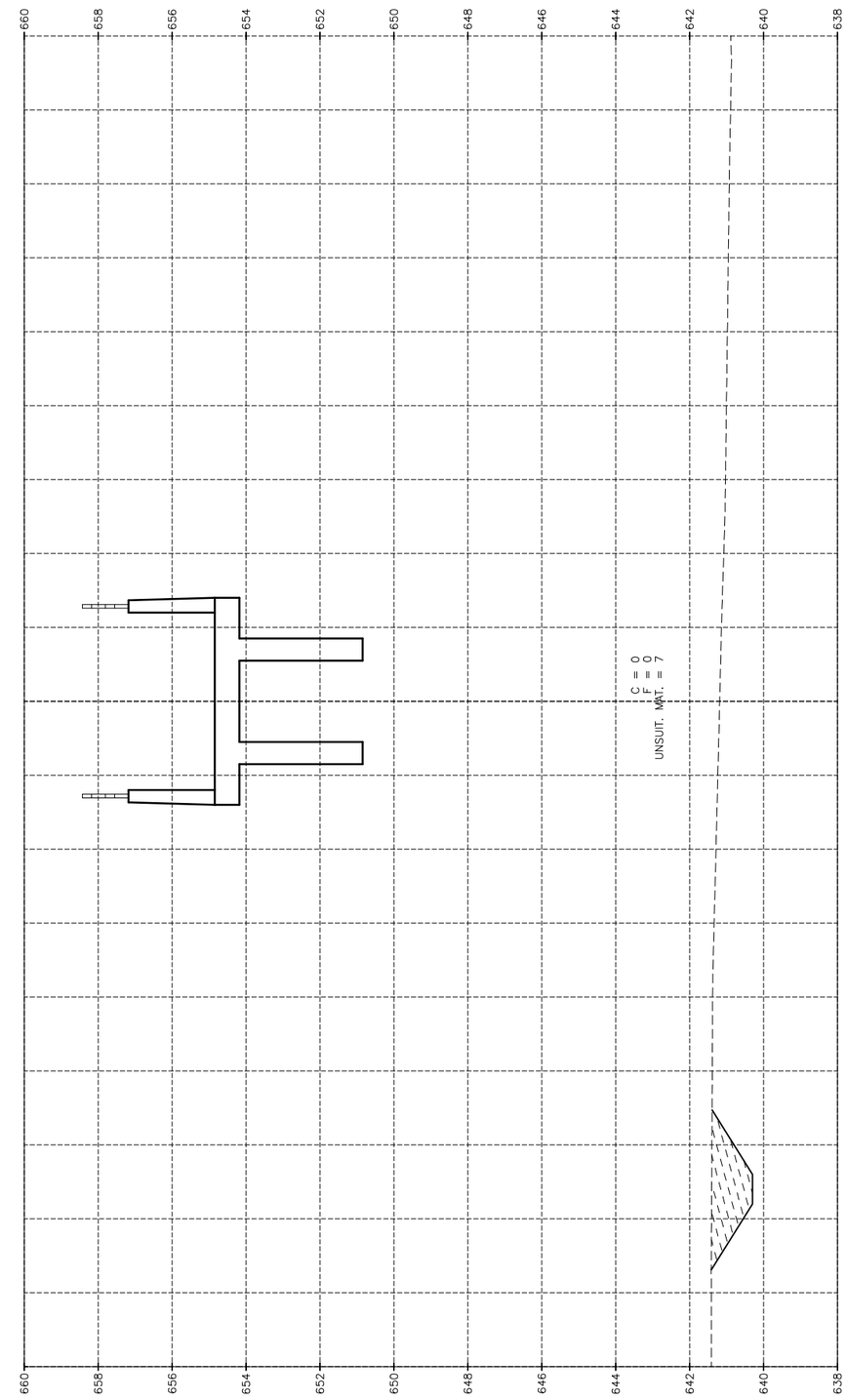

52+50.00

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DATE: 06/2023					

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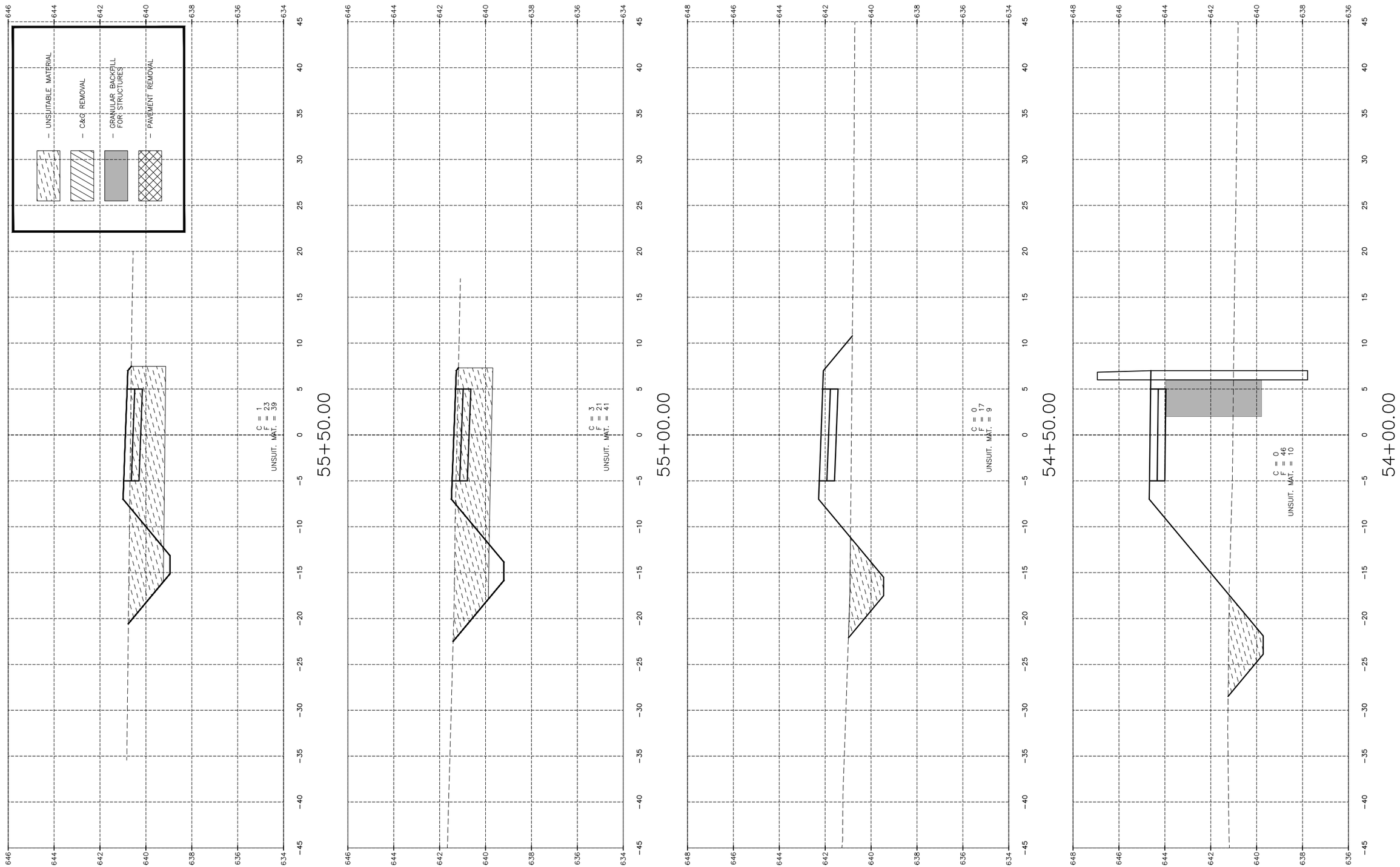
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 162
FILE NO.: 66437.00 Y-
OF 183



"CONTRACT NO. 87876"

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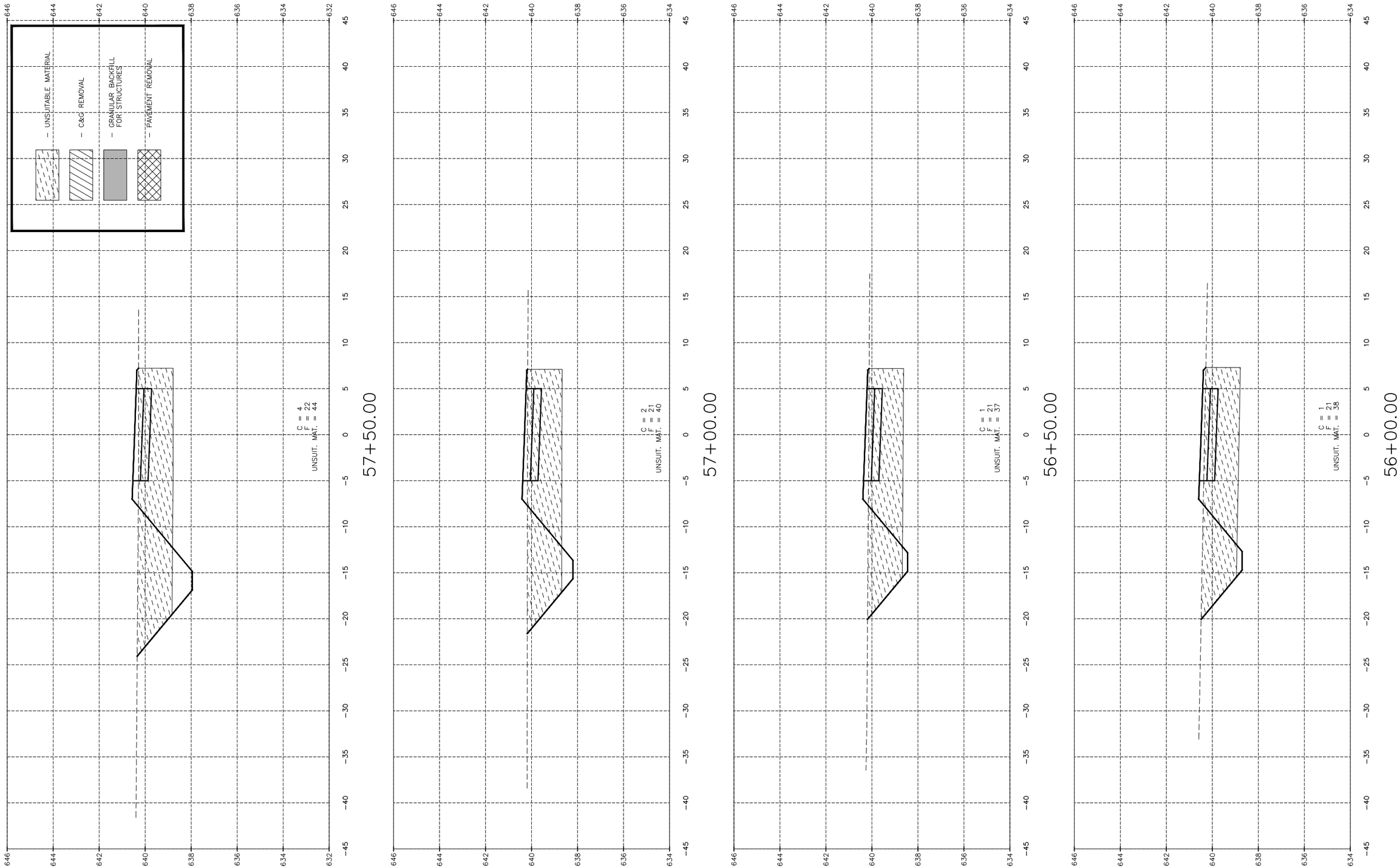
Drawing Name: G:\Users\K\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\154-166-XSEC-BRIDGE PATH.dwg Last Modified: Wednesday, December 18, 2024 10:00:08 AM Plotted On: Wednesday, December 18, 2024 10:24:18 AM by: Josh Washkowiak

DRAWN BY: 12/20/2024	REVISIONS			PERU MORRIS OTTAWA MENDOTA ILLINOIS	**PERU ITEP SHARED USE PATH PROJECT SECTION 23-00073-00-BT LASALLE COUNTY**	**CROSS SECTIONS BRIDGE PATH**	CONSTRUCTION PLANS	CURRENT AS OF: 12/20/2024	
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION				SCALE: AS NOTED	SHEET 163
DATE: 06/2023								FILE NO.: 66437.00 Y-	OF 183



"CONTRACT NO. 87876"

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Drawing Name: G:\Users\K\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\154-166-XSEC-BRIDGE PATH.dwg Last Modified: Wednesday, December 18, 2024 10:26:43 AM by Josh Washkowiak
Plotted On: Wednesday, December 18, 2024 10:00:08 AM

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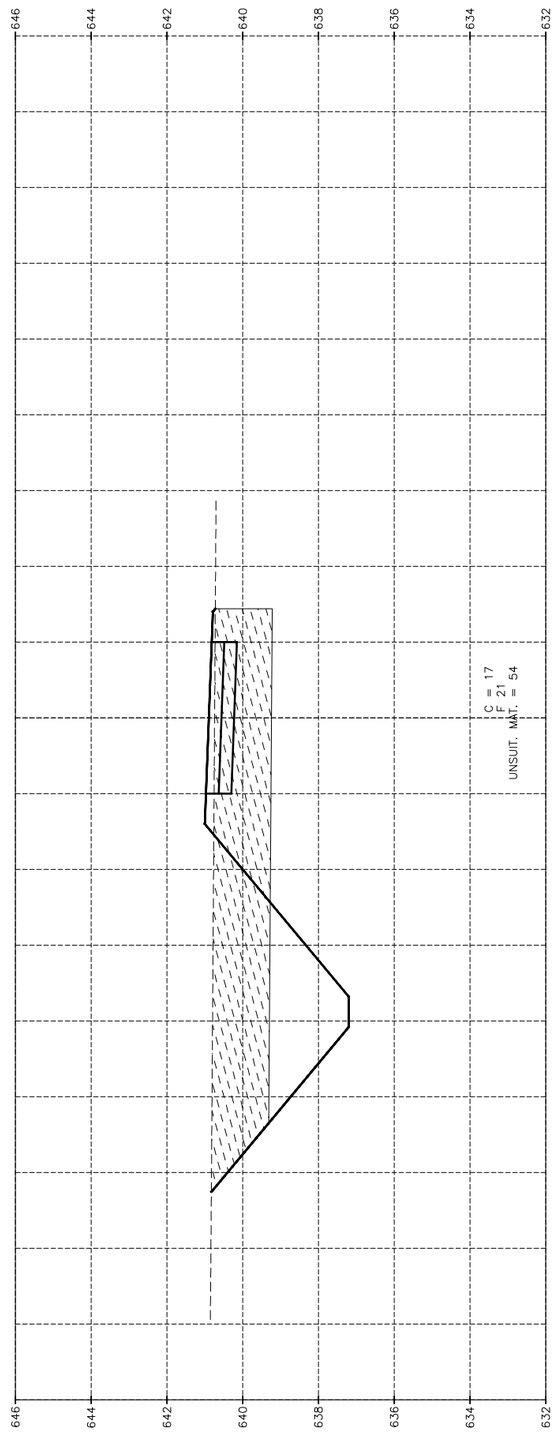
OTTAWA MENDOTA
ILLINOIS

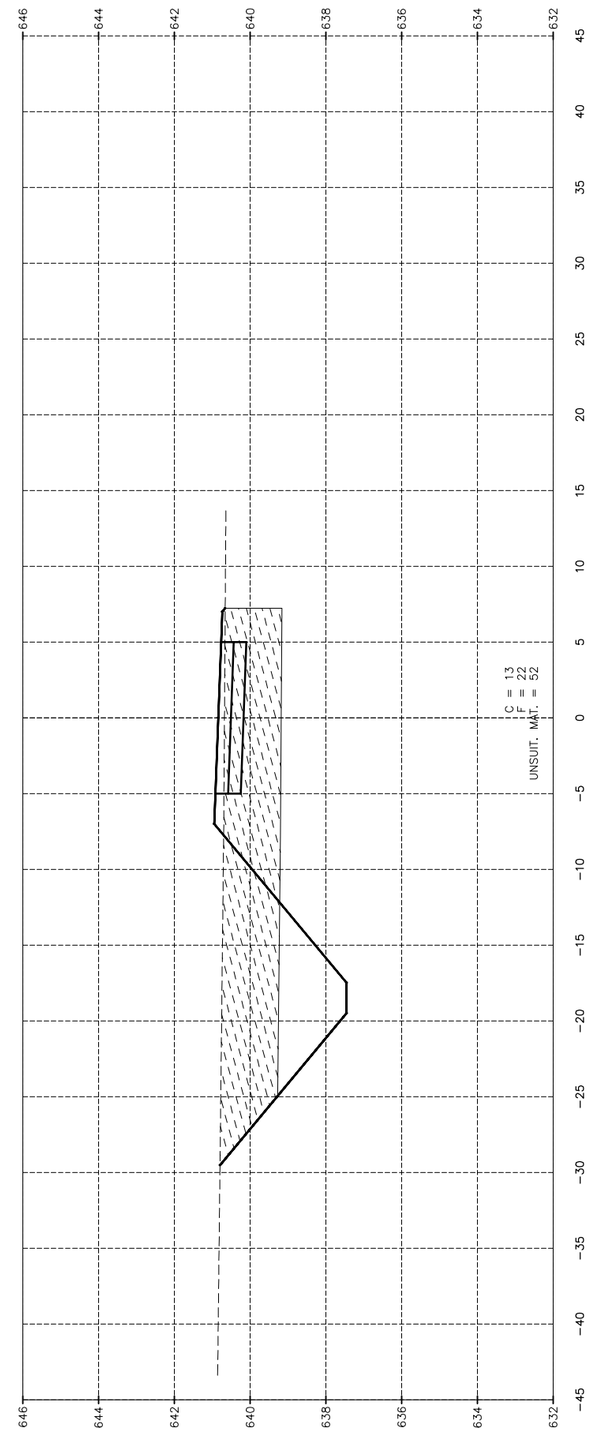
PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

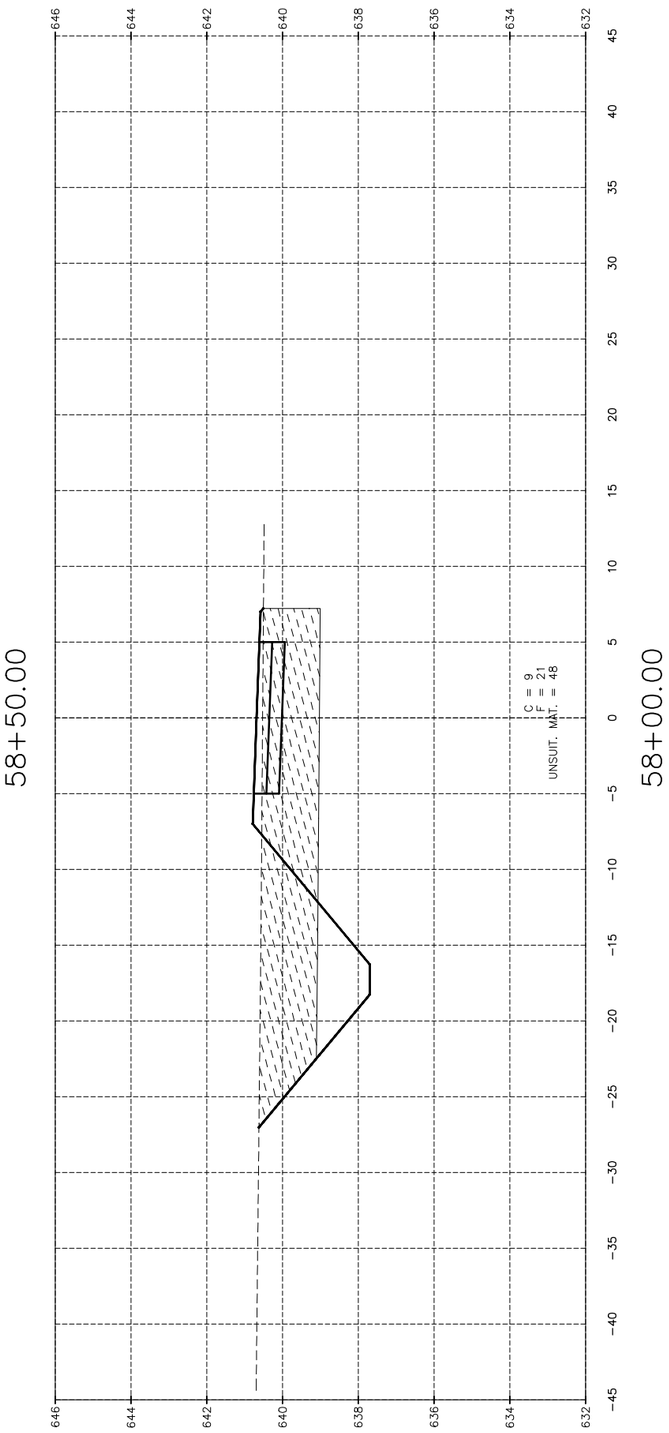
CROSS SECTIONS
BRIDGE PATH

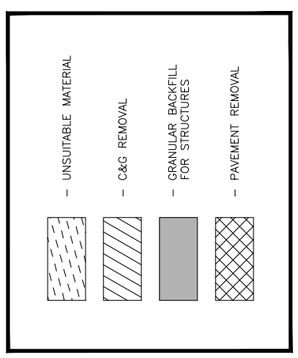
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 164
FILE NO.: 66437.00 Y-
OF 183









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DATE: 06/2023				

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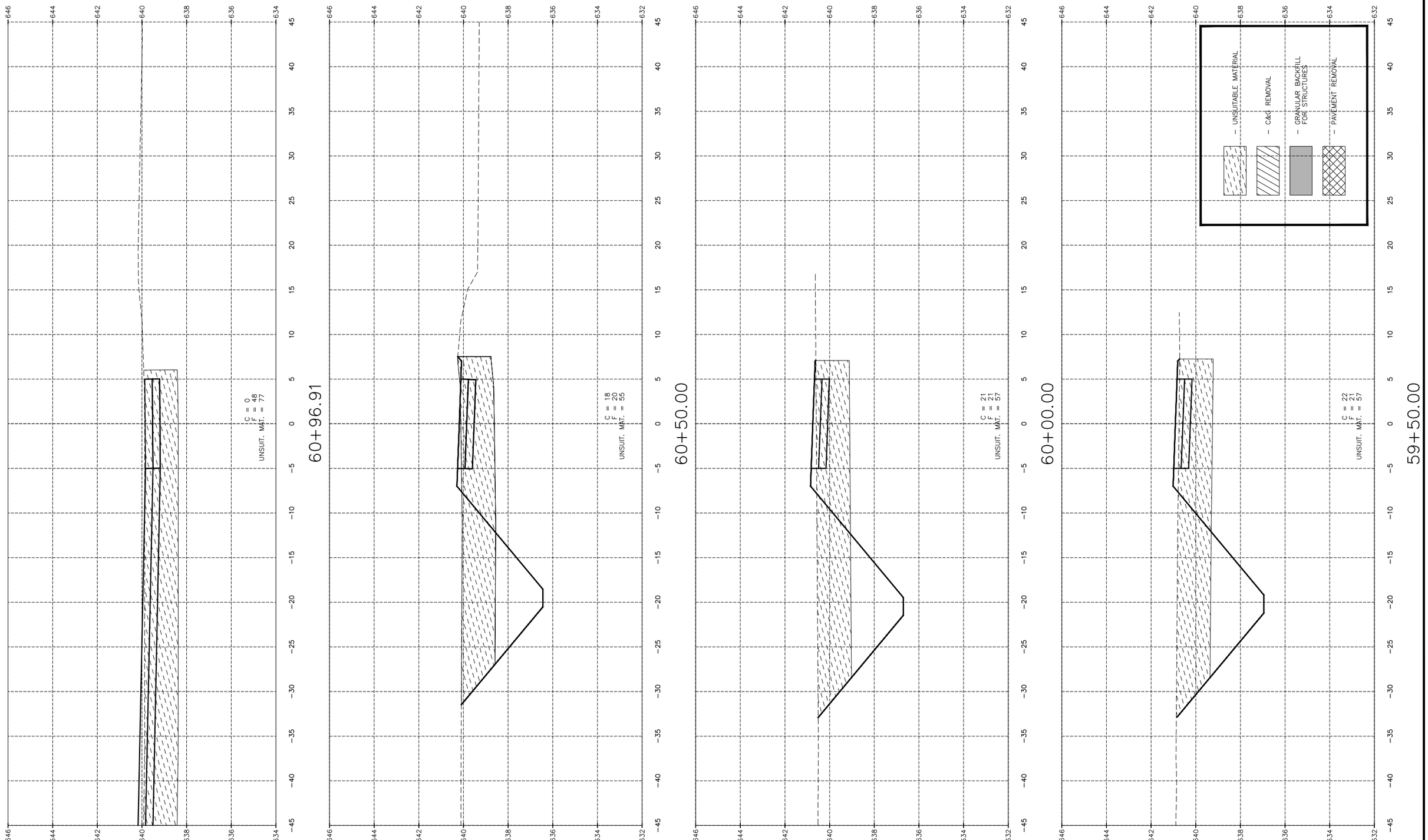
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	165
FILE NO.: 66437.00 Y-	OF	183



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DATE: 06/2023

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION

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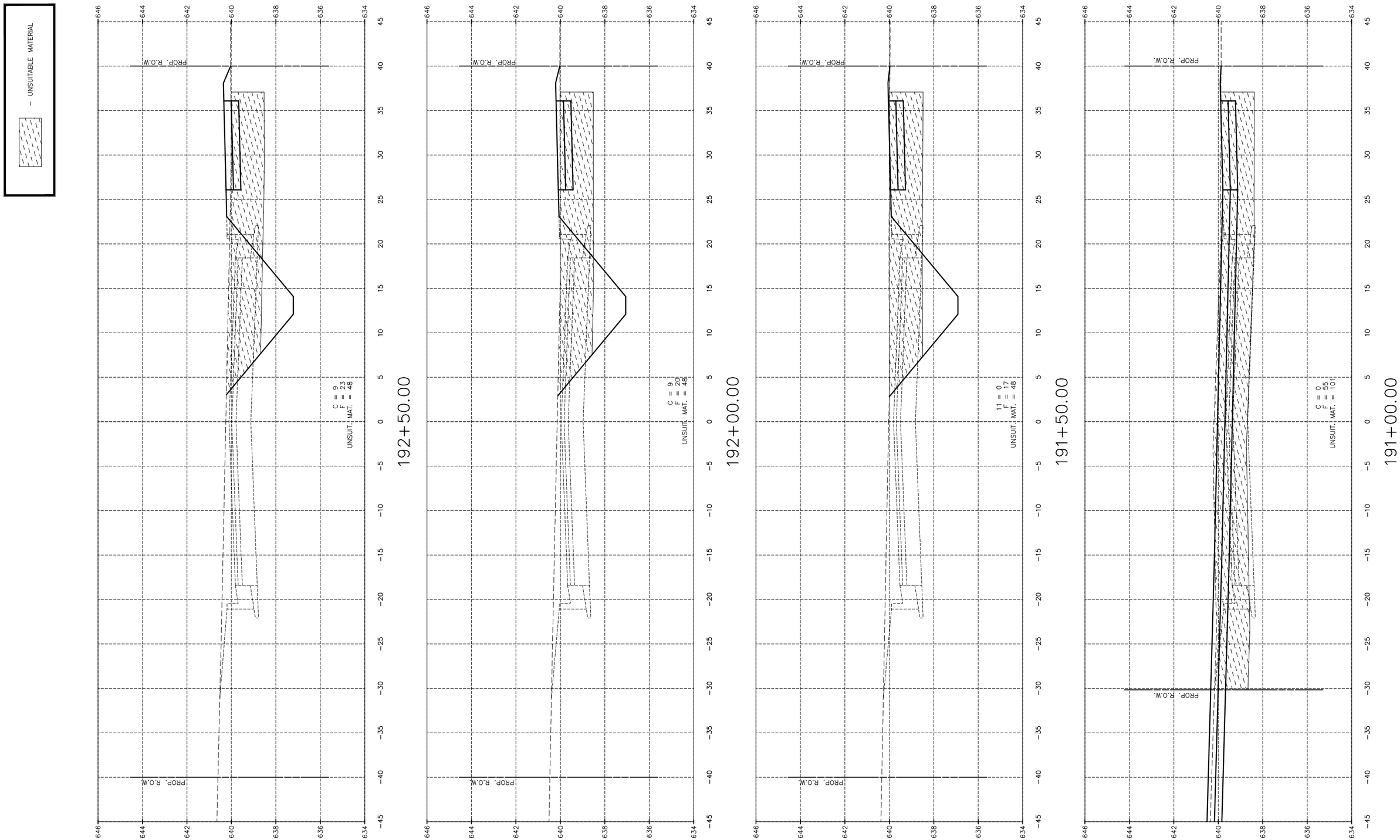
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BRIDGE PATH

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 166
FILE NO.: 66437.00 Y-
OF 183



"CONTRACT NO. 87876"

DRAWN BY: DS
CHECKED BY: JKC
DATE: 06/2023

REVISIONS

LEVEL	BY	DATE	DESCRIPTION

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OTTAWA MENDOTA
ILLINOIS

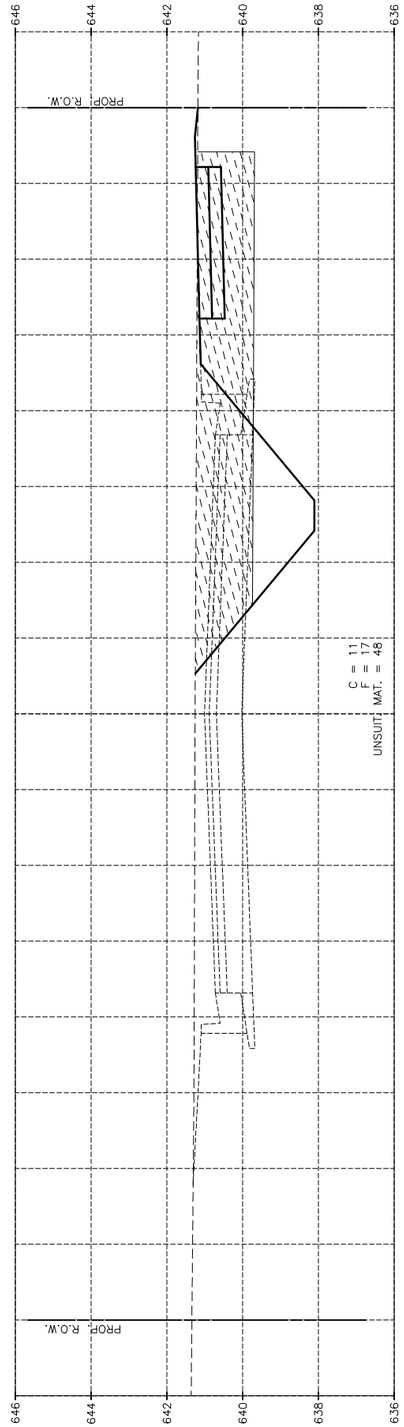
PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BECKER DRIVE

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
SCALE: AS NOTED
SHEET 167
FILE NO.: 66347.00 Y–
OF 183

– UNSUITABLE MATERIAL



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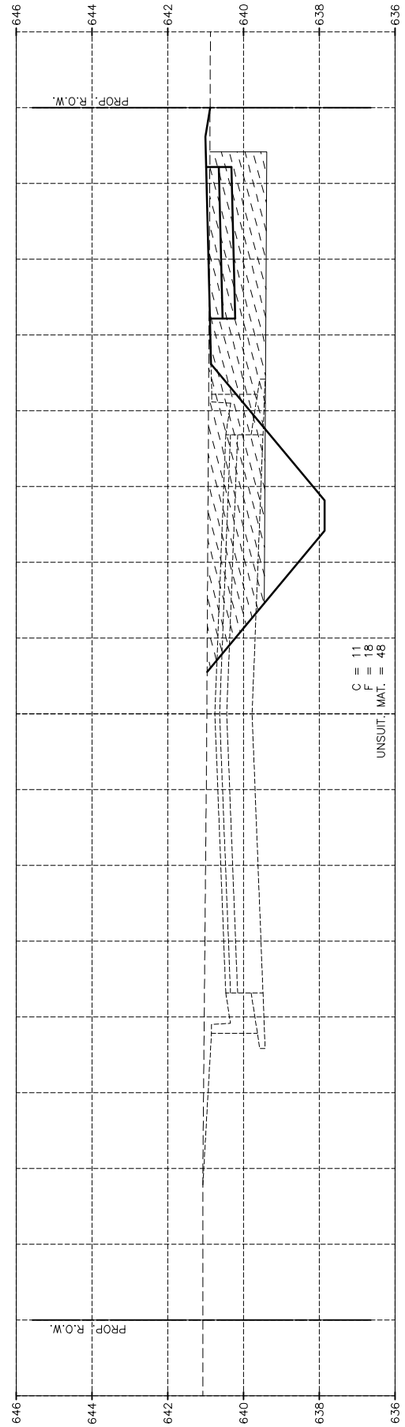

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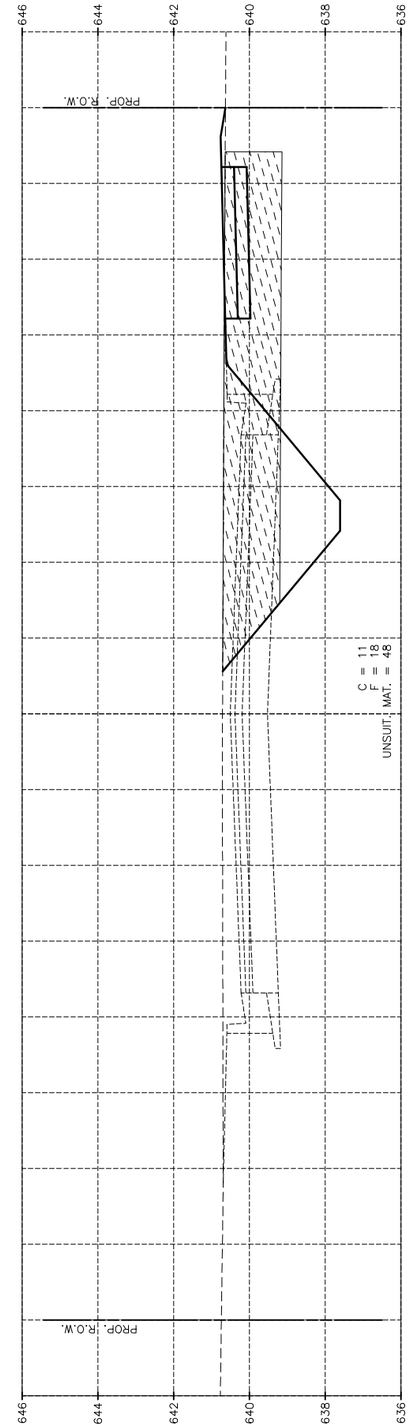

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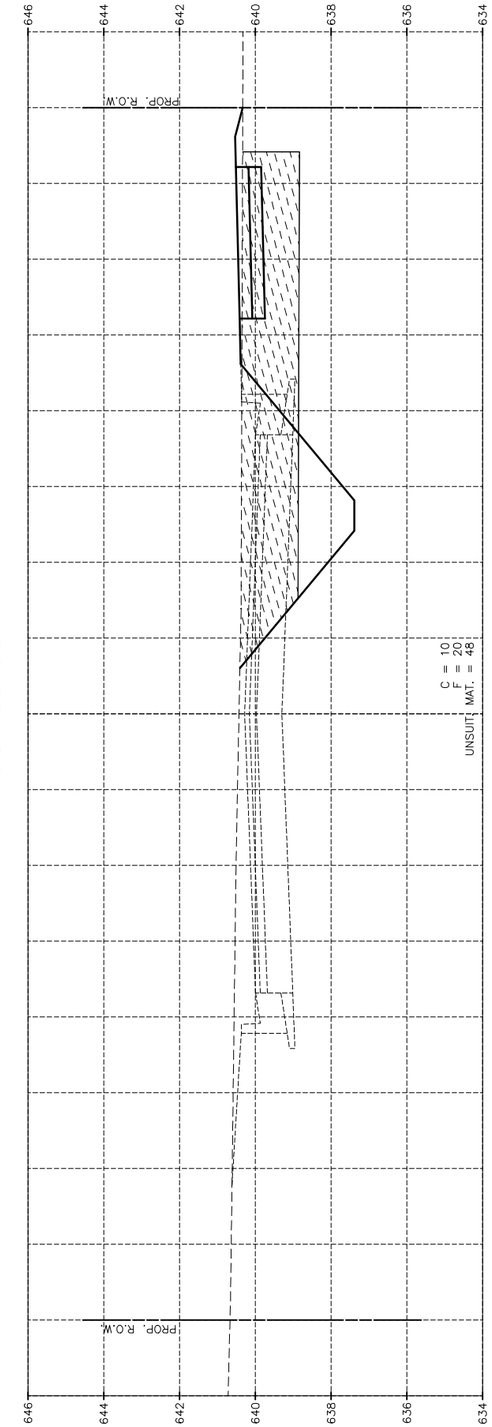

193+00.00

"CONTRACT NO. 87876"

DRAWN BY: DS	REVISIONS				PERU MORRIS	PERU ITEP SHARED USE PATH PROJECT	CROSS SECTIONS	CONSTRUCTION	CURRENT AS OF: 12/20/2024	
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	OTTAWA MENDOTA	SECTION 23-00073-00-BT	BECKER DRIVE	PLANS	SCALE: AS NOTED	SHEET 168
DATE: 06/2023					ILLINOIS	LASALLE COUNTY			FILE NO.: 66347.00 Y–	OF 183

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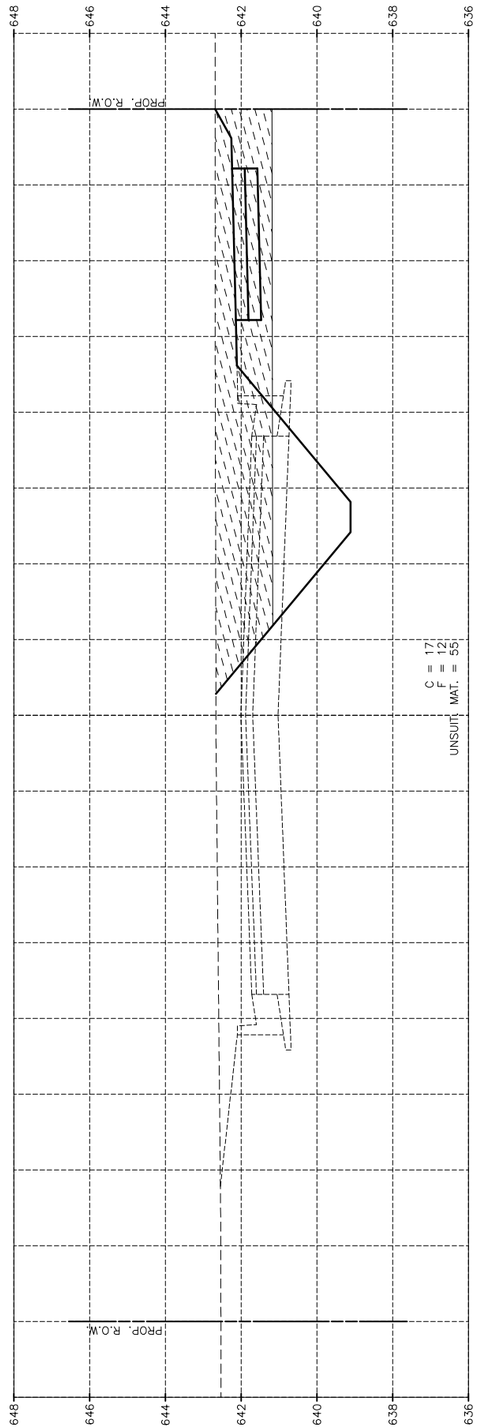
– UNSUITABLE MATERIAL



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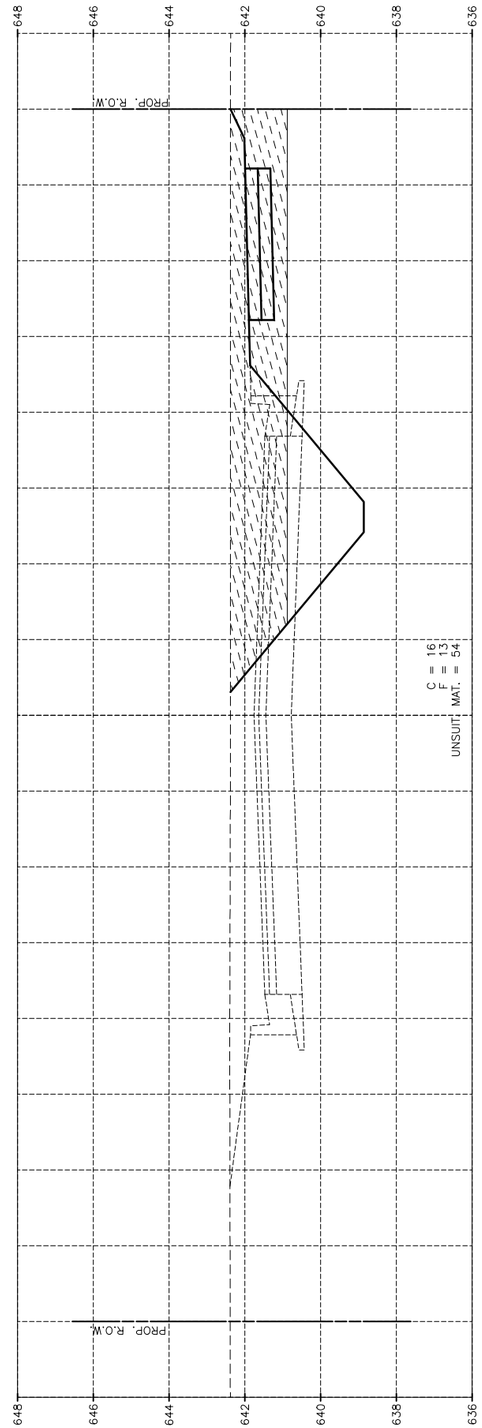

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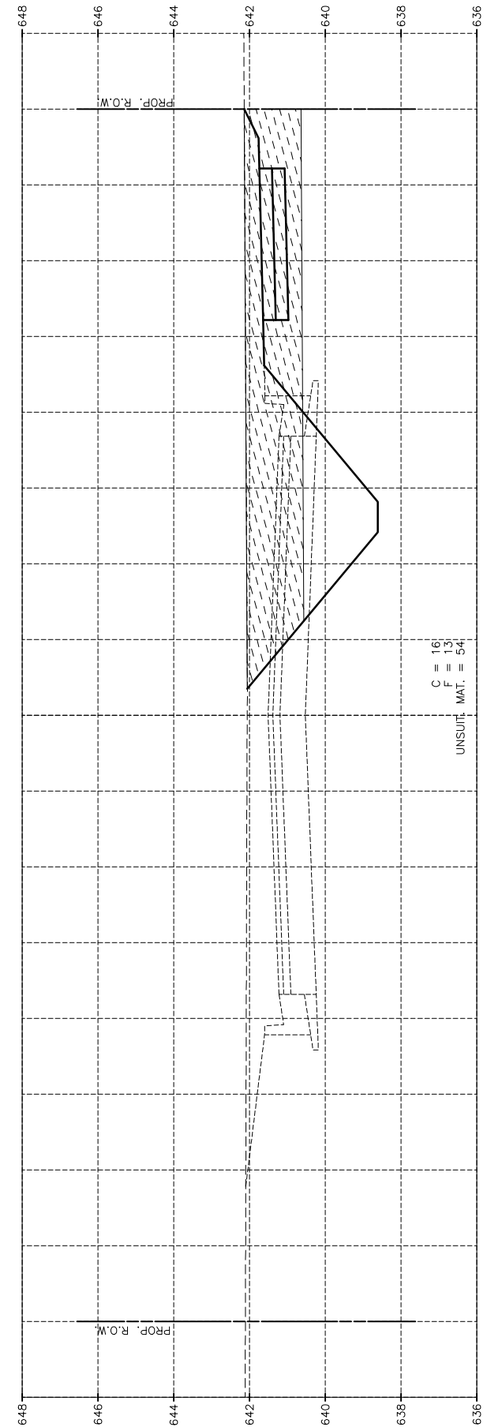

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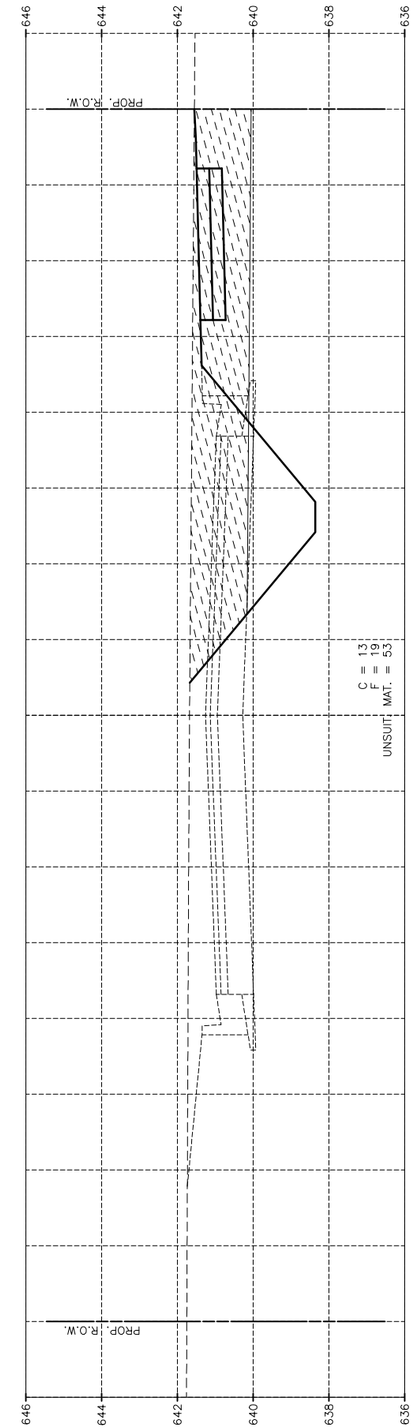

195+00.00

"CONTRACT NO. 87876"

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DATE: 06/2023				

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OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
BECKER DRIVE

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	169
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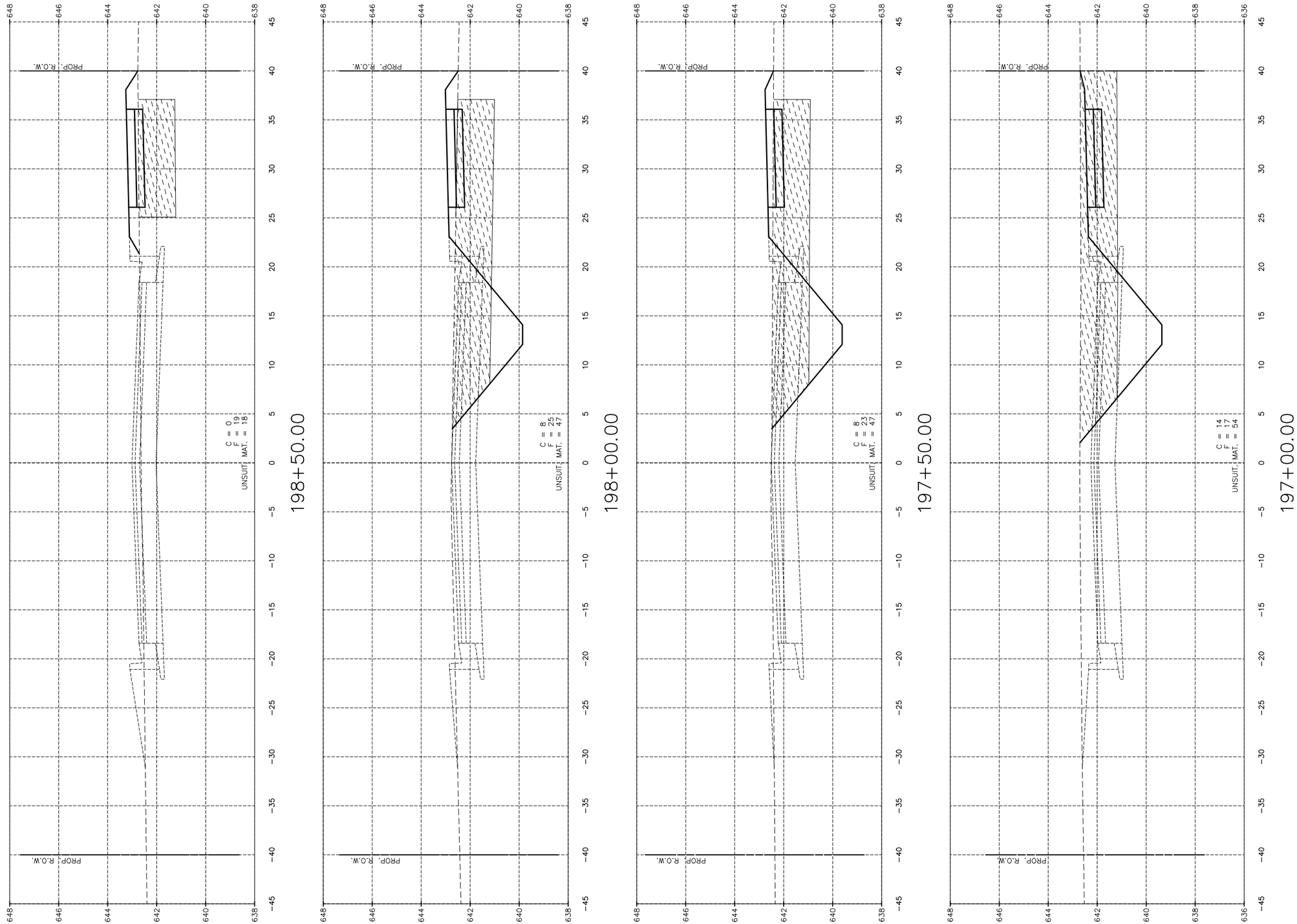

– UNSUITABLE MATERIAL

"CONTRACT NO. 87876"

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Drawing Name: G:\Users\K\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\167-171-XSEC-BECKER.dwg Last Modified: Wednesday, December 18, 2024 10:44:19 AM Plotted On: Wednesday, December 18, 2024 10:57:04 AM by Josh Washkowick

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DATE: 06/2023				

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ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
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CROSS SECTIONS
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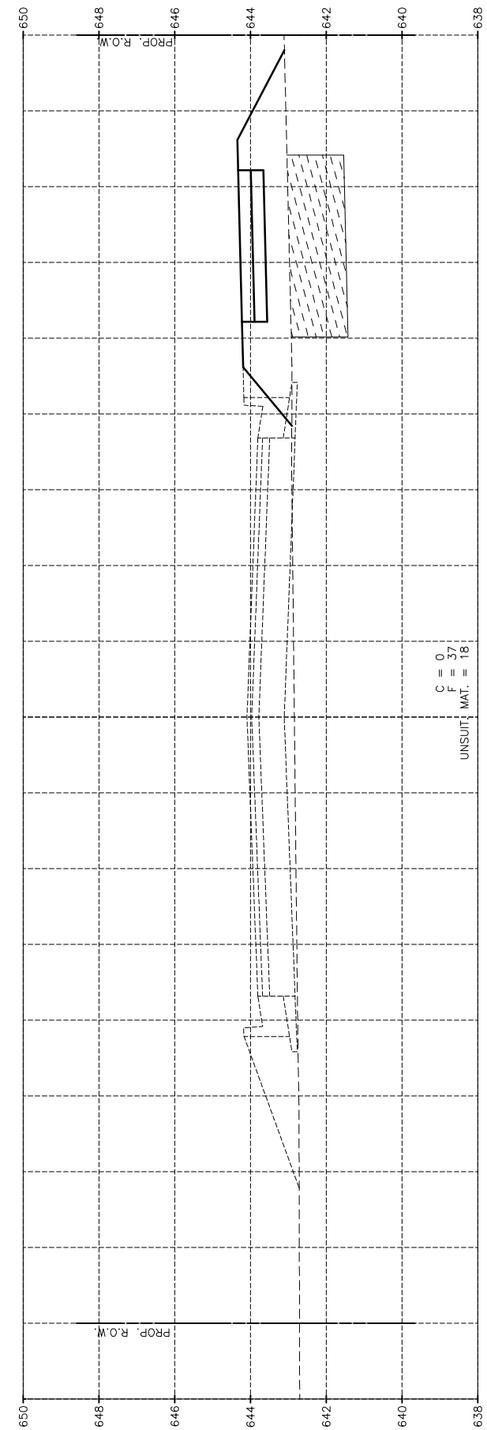
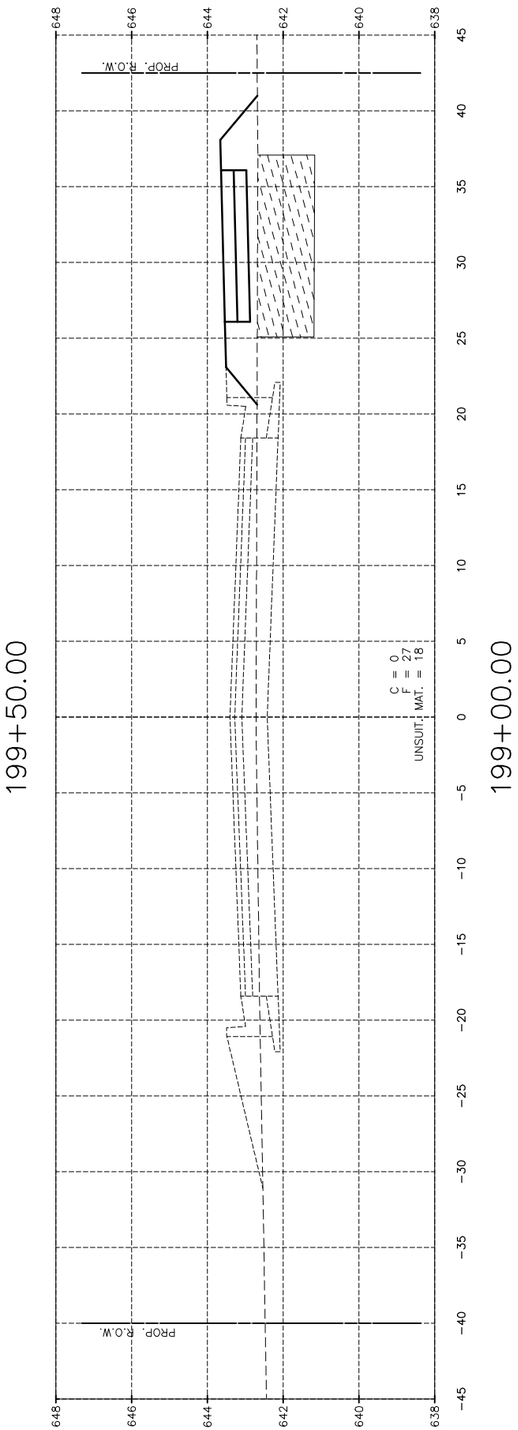
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	170
FILE NO.: 66347.00 Y–	OF	183

– UNSUITABLE MATERIAL





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DATE: 06/2023				

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PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
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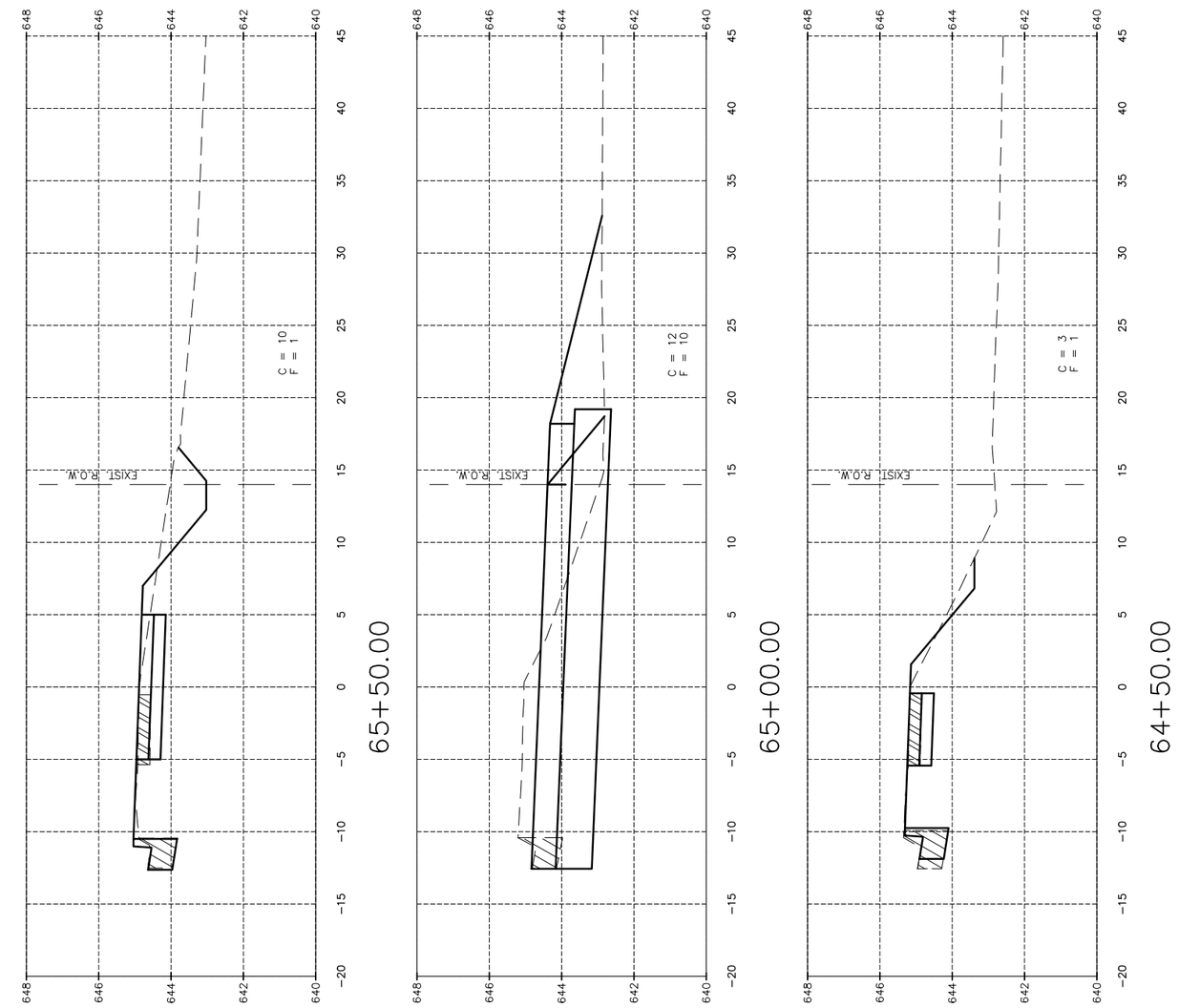
CROSS SECTIONS
BECKER DRIVE

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	171
FILE NO.: 66347.00 Y–	OF	183



- UNSUITABLE MATERIAL
- C&G REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS				
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION	
DATE: 06/2023					

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PERU ITEP SHARED USE PATH PROJECT
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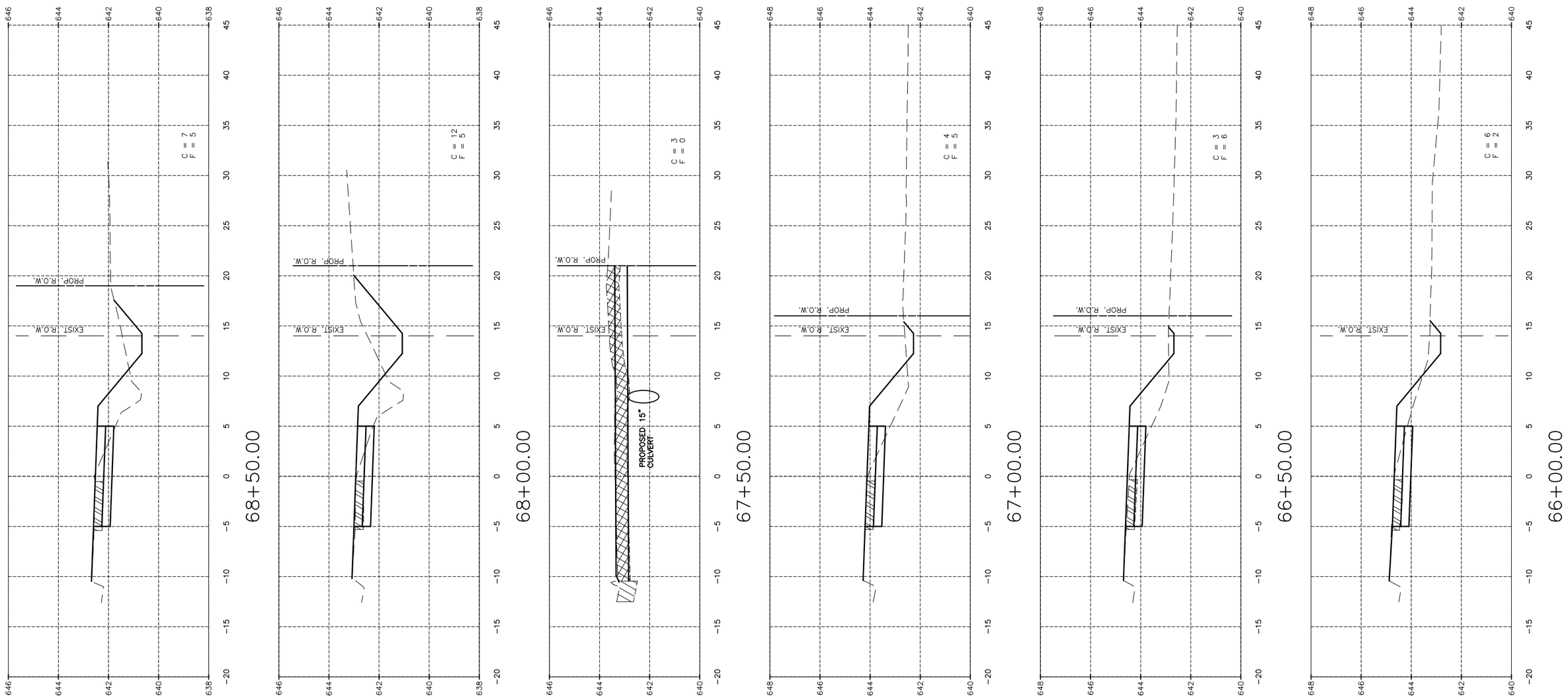
CROSS SECTIONS
WENZEL ROAD

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 172
FILE NO.: 66437.00 Y–	OF 183



"CONTRACT NO. 87876"

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Drawing Name: G:\Users\0\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\172-177-XSEC-WENZEL.dwg Last Modified: Tuesday, December 17, 2024 11:30:17 AM Plotted On: Wednesday, December 18, 2024 11:09:26 AM by Josh Washkewick

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DATE: 06/2023					

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ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
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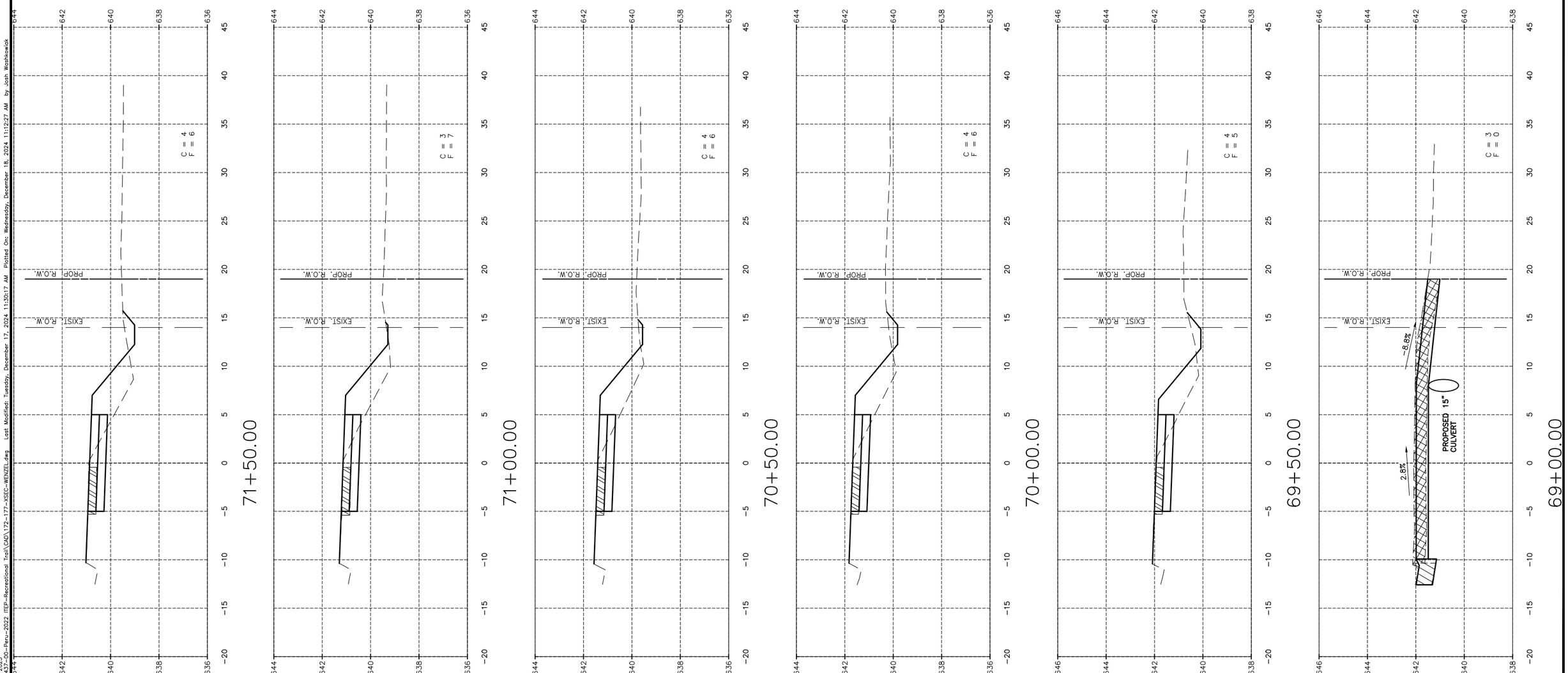
WENZEL ROAD

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	173
FILE NO.: 66437.00 Y–	OF	183



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DATE: 06/2023				

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PERU ITEP SHARED USE PATH PROJECT
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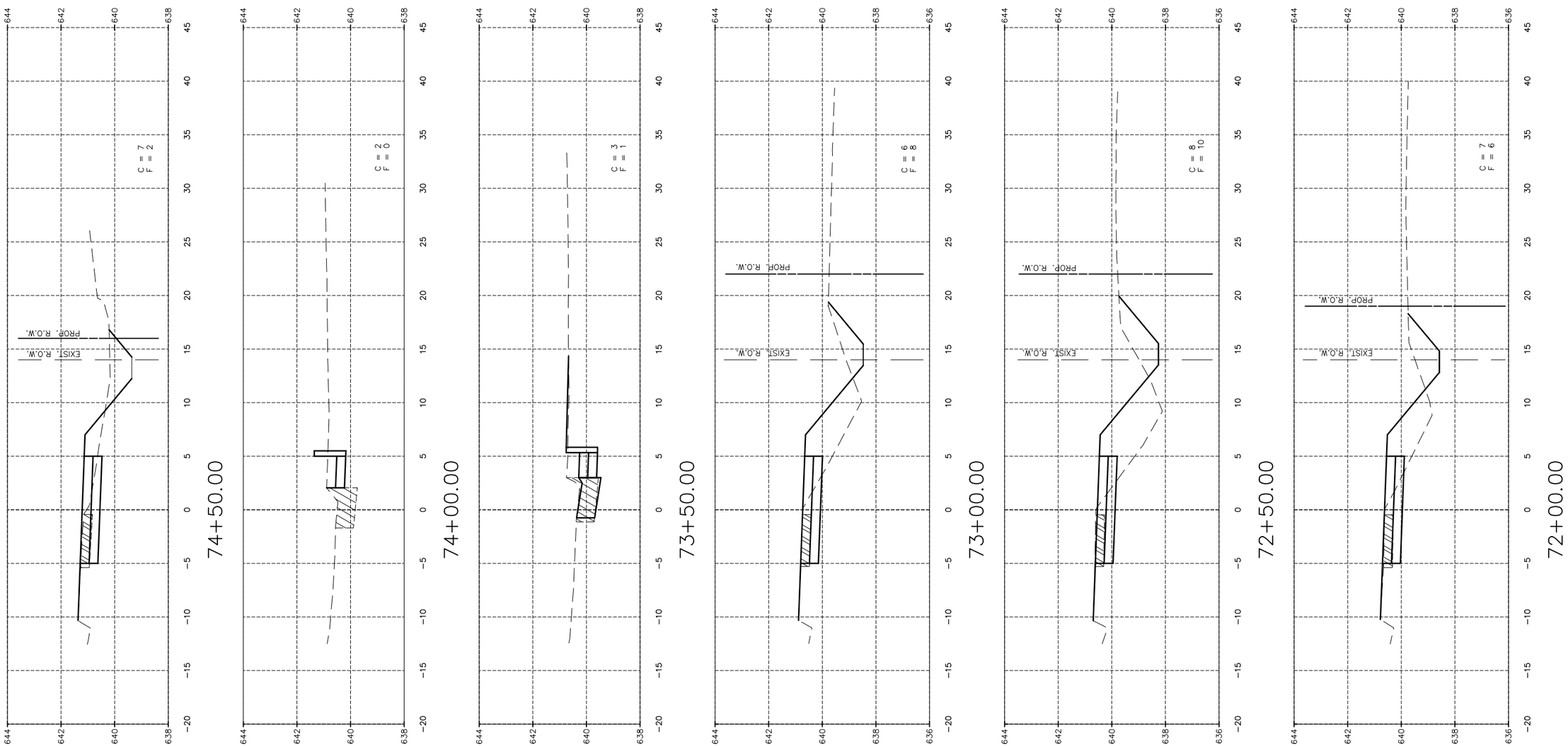
WENZEL ROAD

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 174
FILE NO.: 66437.00 Y–	OF 183



- UNSUITABLE MATERIAL
- C&G REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL

"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

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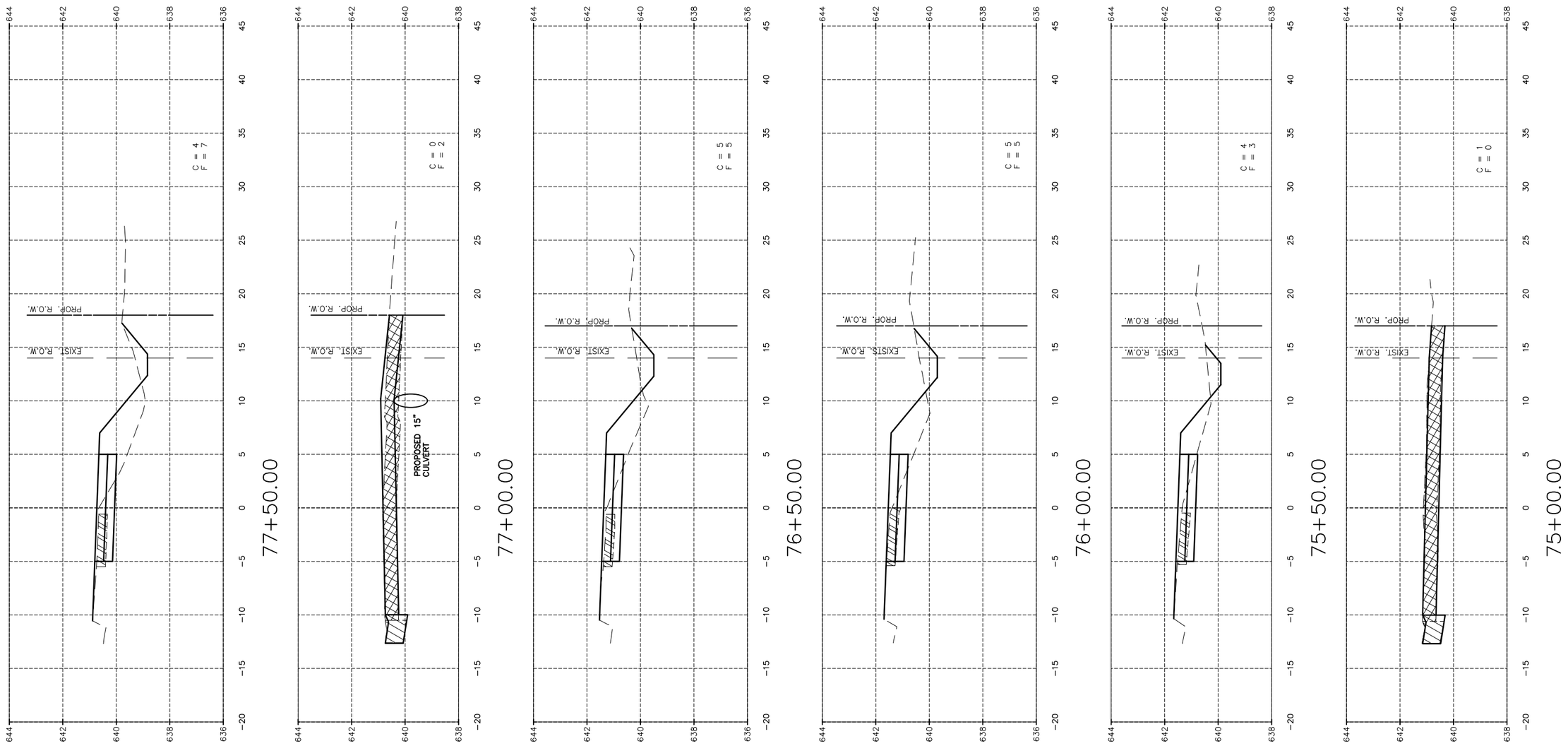
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
WENZEL ROAD

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024		
SCALE: AS NOTED	SHEET	175
FILE NO.: 66437.00 Y-	OF	183



"CONTRACT NO. 87876"

DRAWN BY: LMP	REVISIONS				CURRENT AS OF: 12/20/2024	
CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION				SCALE: AS NOTED	SHEET 176
DATE: 06/2023					FILE NO.: 66437.00 Y–	OF 183

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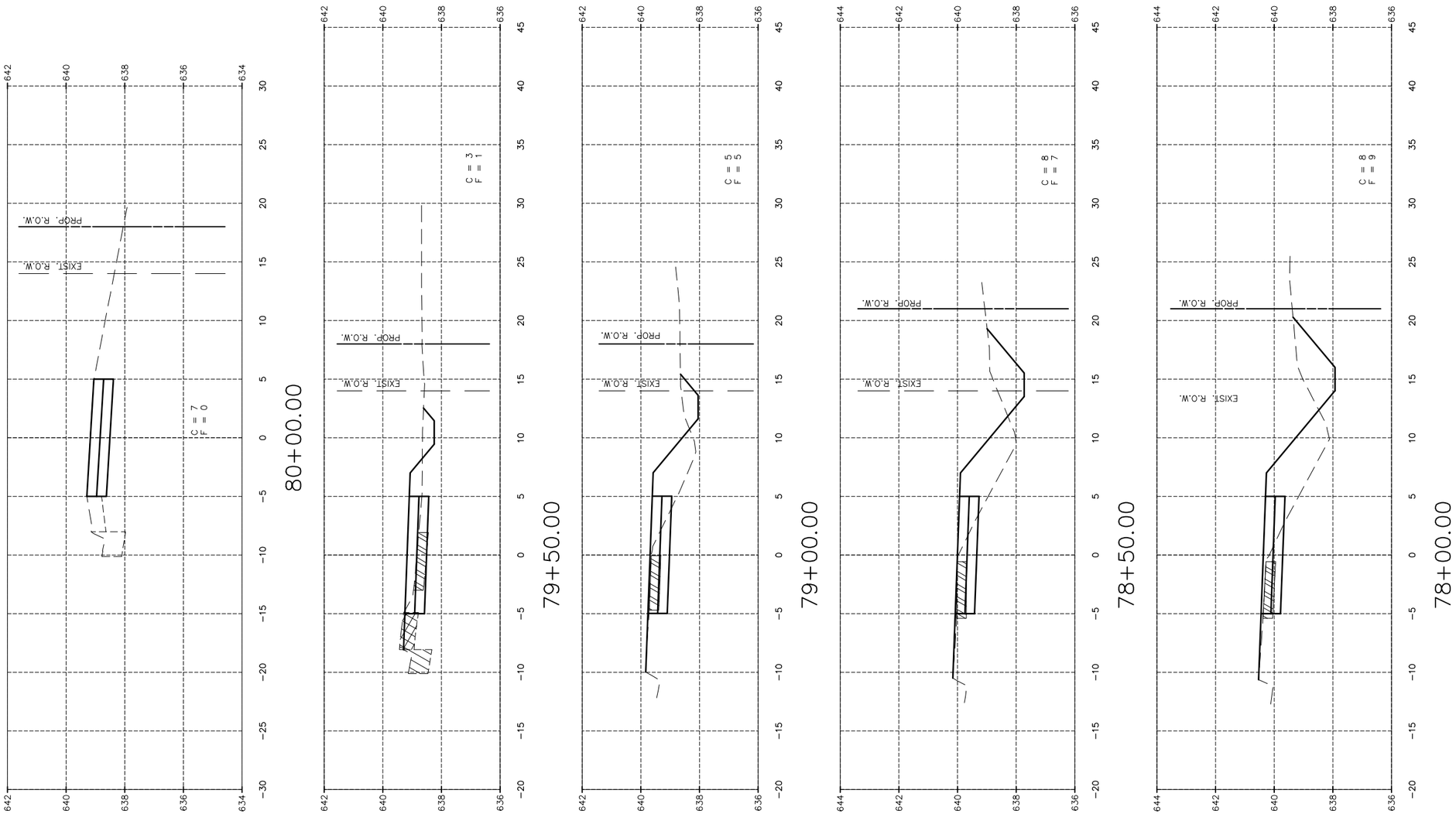
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
WENZEL ROAD

CONSTRUCTION PLANS



– UNSUITABLE MATERIAL
– C&G REMOVAL
– SIDEWALK REMOVAL
– PAVEMENT REMOVAL

"CONTRACT NO. 87876"

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Drawing Name: G:\Users\KK\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\172-177-XSEC-WENZEL.dwg Last Modified: Tuesday, December 17, 2024 11:30:17 AM Plotted On: Wednesday, December 18, 2024 11:30:54 AM by Josh Washkewick

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CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 06/2023				

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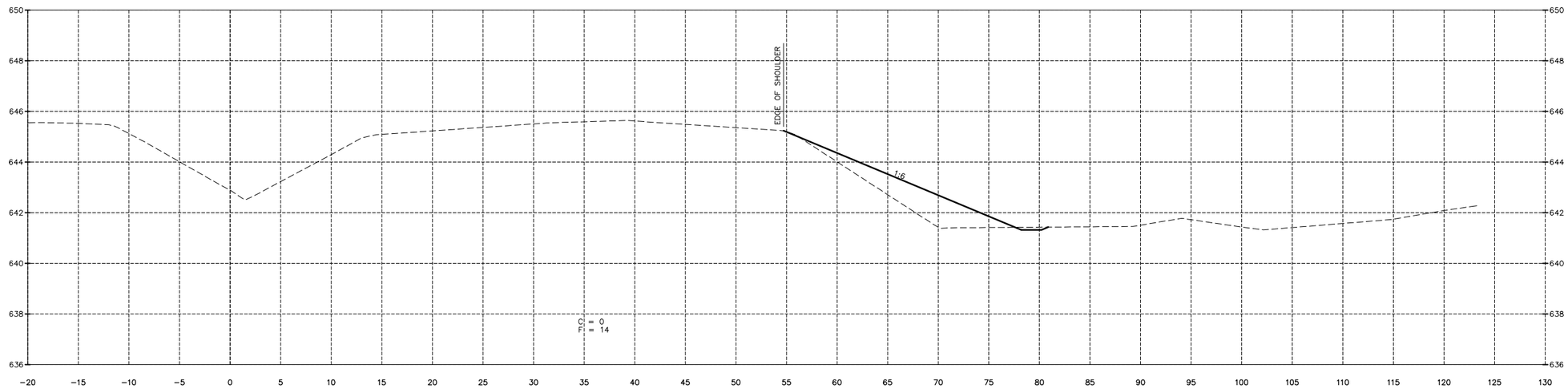
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
WENZEL ROAD

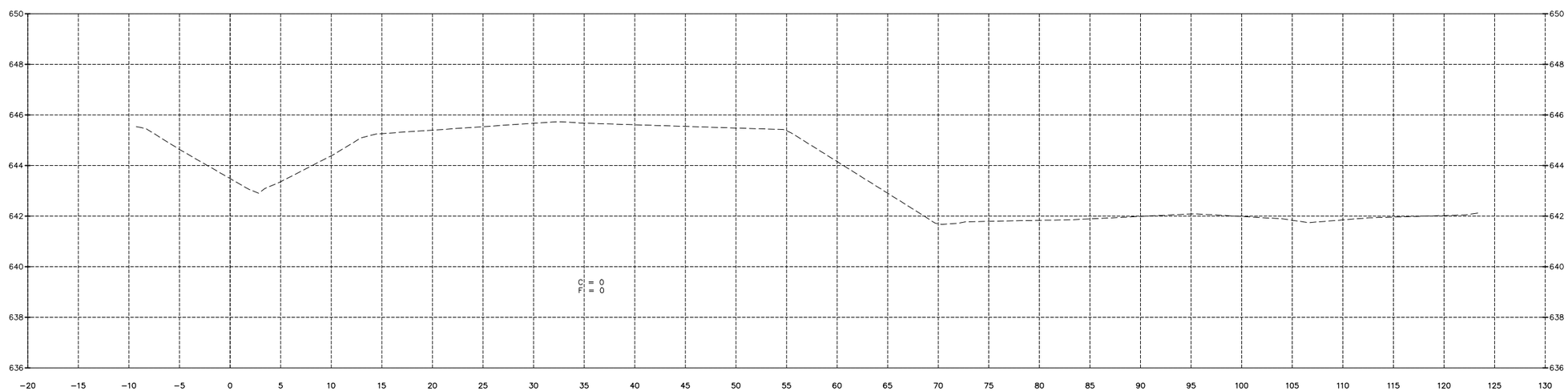
CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
SCALE: AS NOTED	SHEET 177
FILE NO.: 66437.00 Y–	OF 183



101+00.00

BEGIN 1:6 SLOPE AT STA 100+85



100+50.00

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OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
ILLINOIS ROUTE 251

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024
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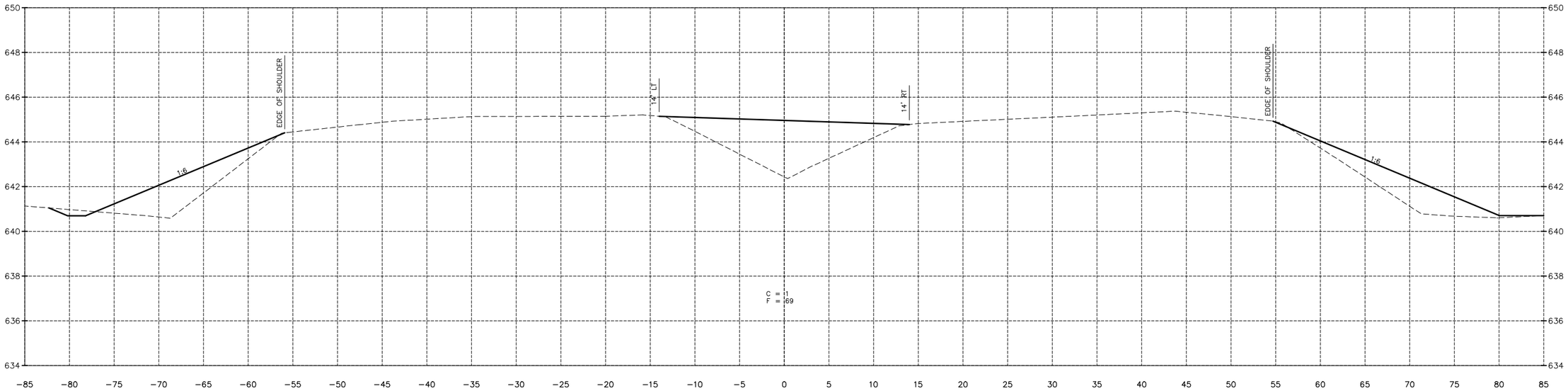
SHEET 178 OF 183



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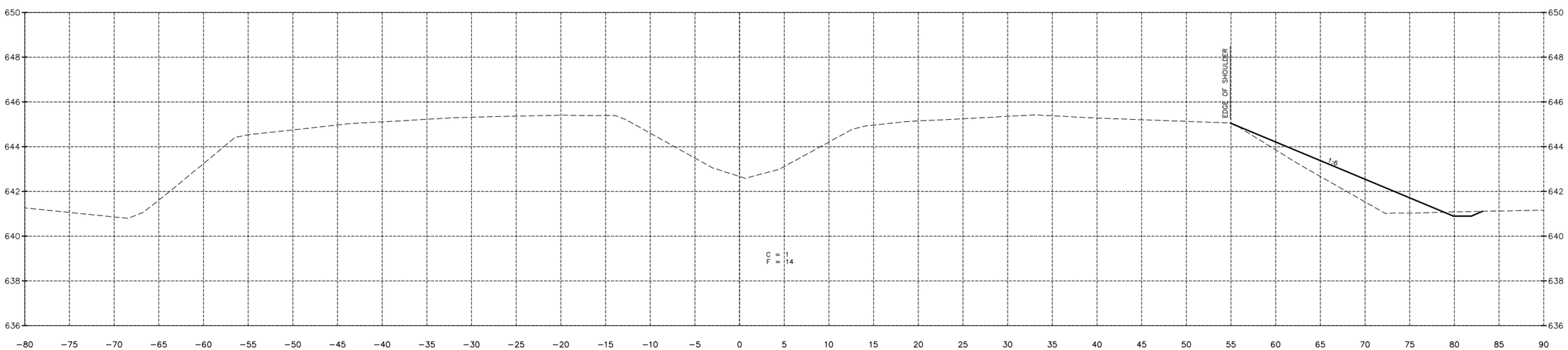

101+50.00

"CONTRACT NO. 87876"

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DATE: 06/2023				ILLINOIS	LASALLE COUNTY			FILE NO.: 66437.00 Y-	OF 183

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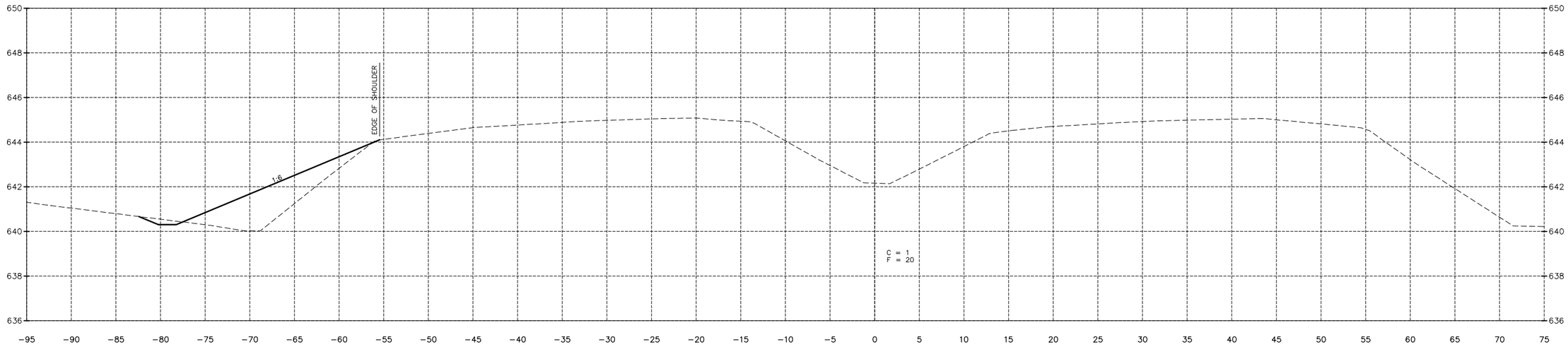

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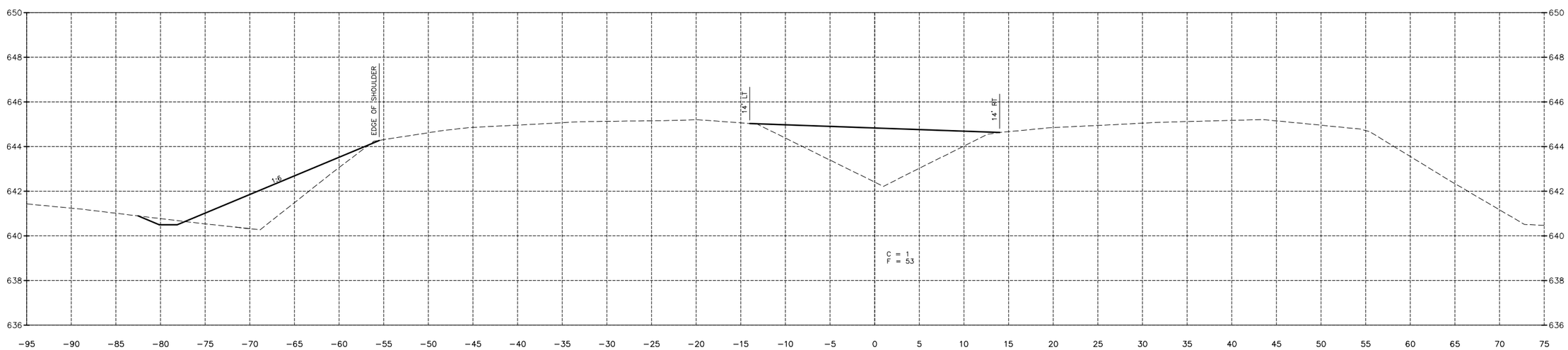

102+50.00

"CONTRACT NO. 87876"

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CHECKED BY: JKC	LEVEL / BY / DATE / DESCRIPTION			OTTAWA MENDOTA	SECTION 23-00073-00-BT	ILLINOIS ROUTE 251	PLANS	SCALE: AS NOTED	SHEET 180
DATE: 06/2023				ILLINOIS	LASALLE COUNTY			FILE NO.: 66437.00 Y-	OF 183

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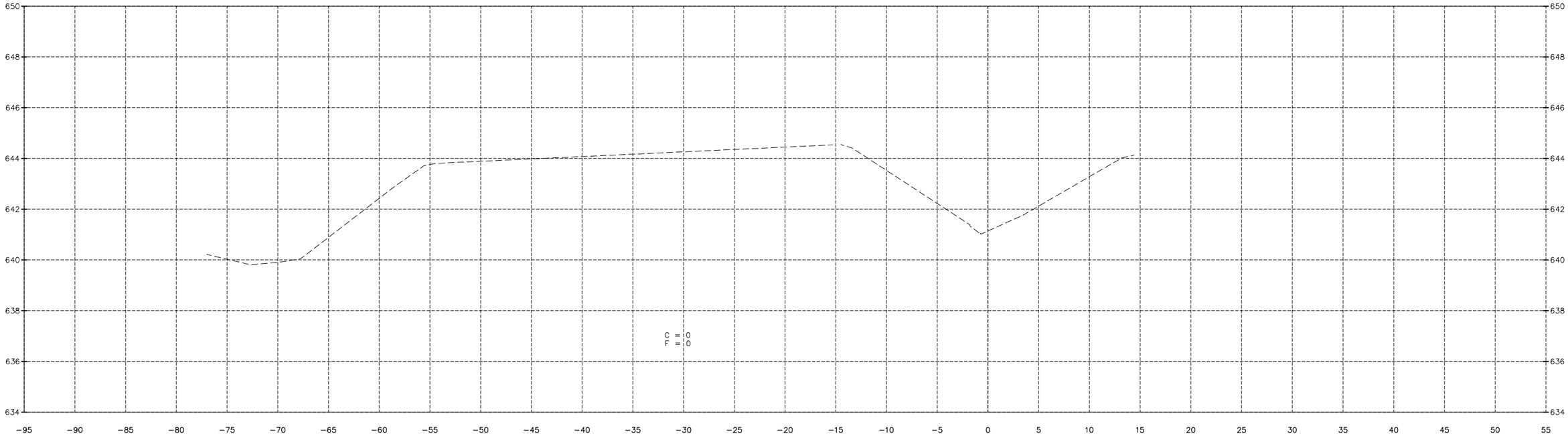

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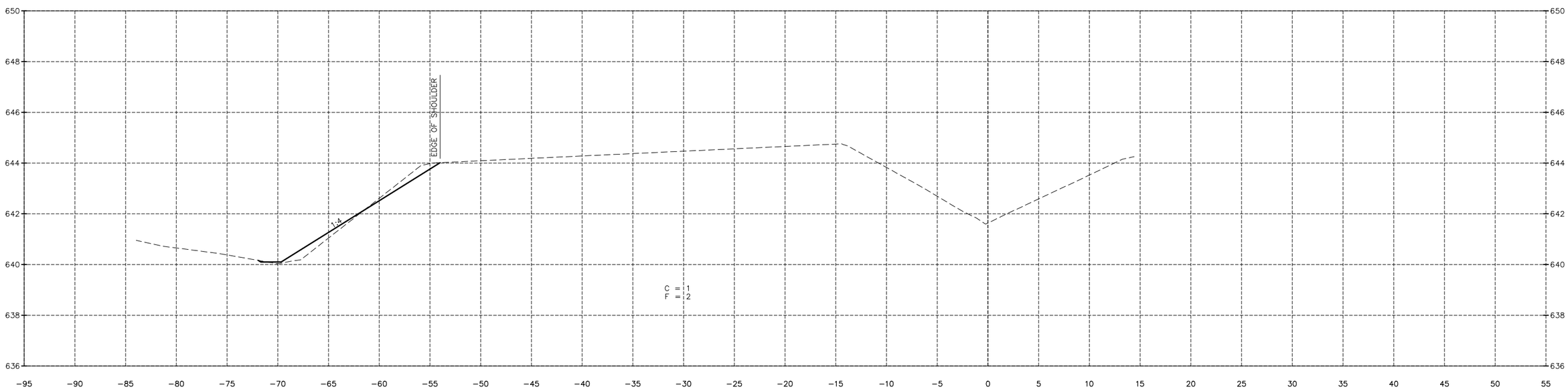

103+50.00

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PERU MORRIS
OTTAWA MENDOTA
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PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
ILLINOIS ROUTE 251

CONSTRUCTION PLANS

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SCALE: AS NOTED	SHEET	181
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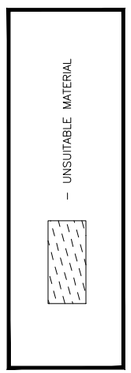

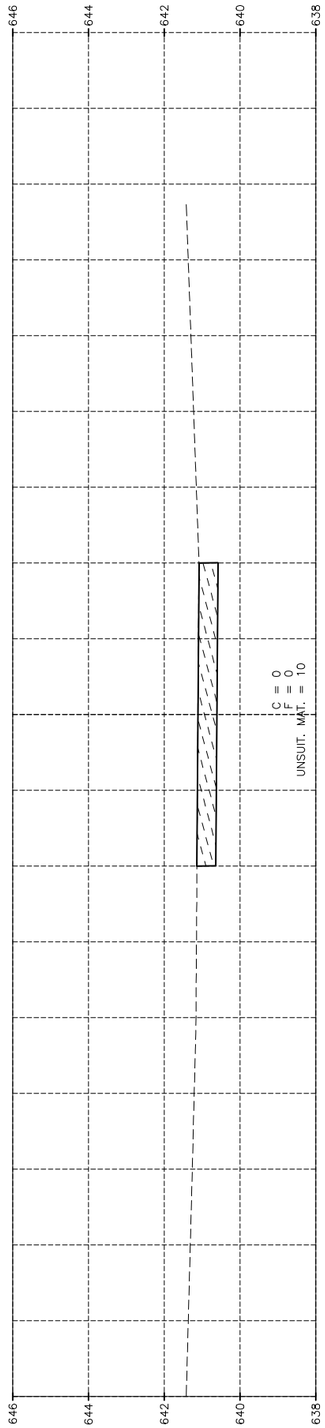

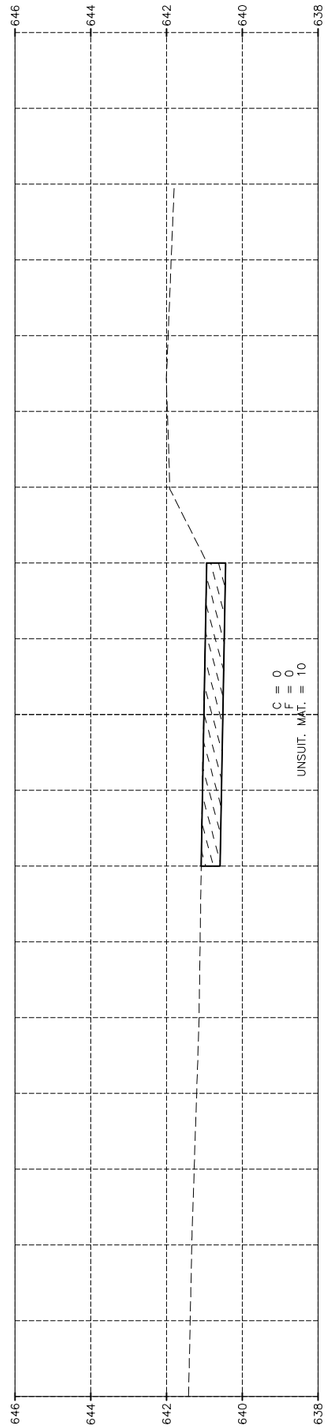

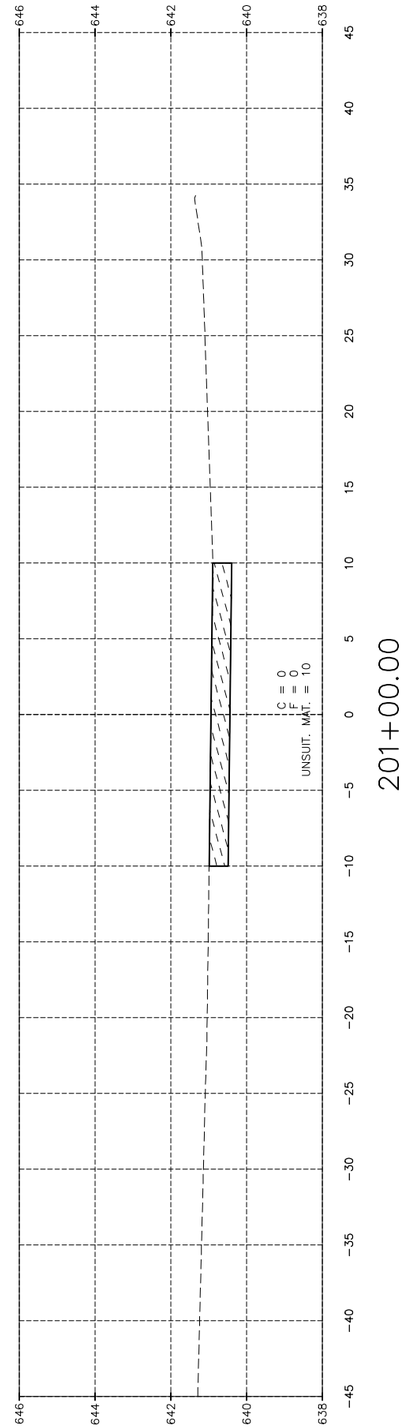

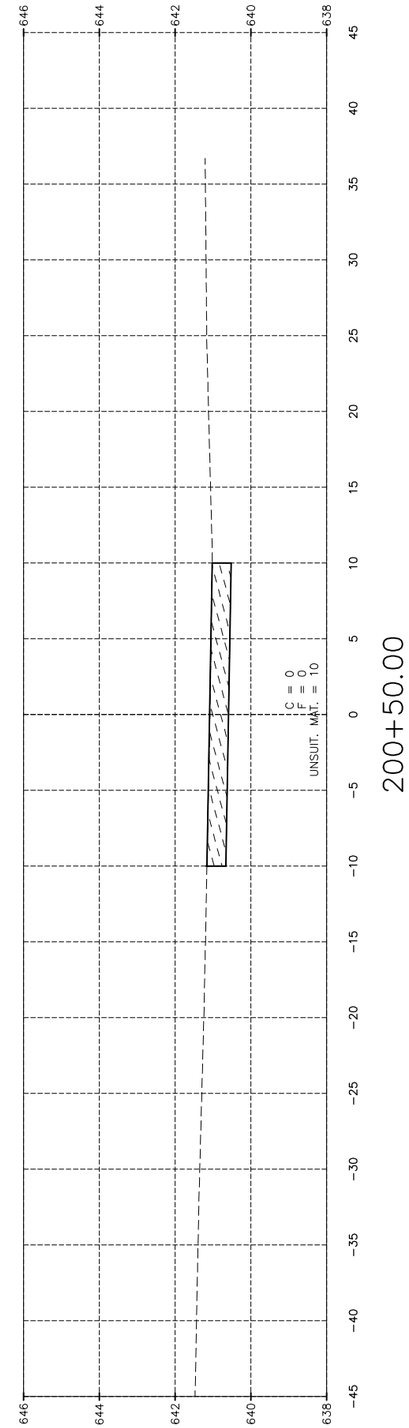

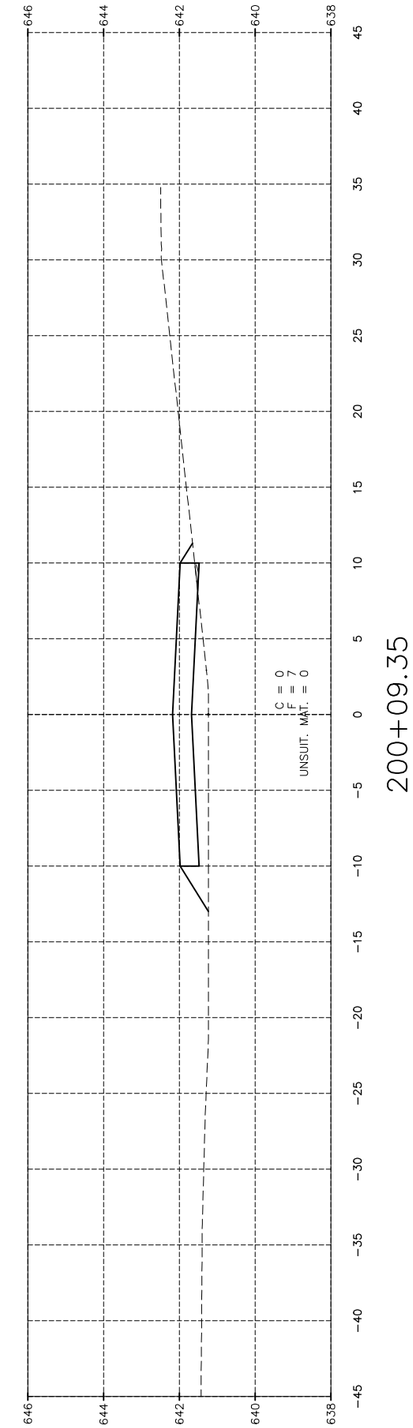

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Drawing Name: G:\Users\0\66437-00-Peru-2022 ITEP-Recreational Trail\CAD\182-183-XSEC-FARM ACCESS.dwg Last Modified: Tuesday, December 17, 2024 10:39:56 AM Plotted On: Wednesday, December 18, 2024 11:50:36 AM by Josh Washkewick

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PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

PERU ITEP SHARED USE PATH PROJECT
SECTION 23-00073-00-BT
LASALLE COUNTY

CROSS SECTIONS
FARM ACCESS ROAD

CONSTRUCTION PLANS

CURRENT AS OF: 12/20/2024	
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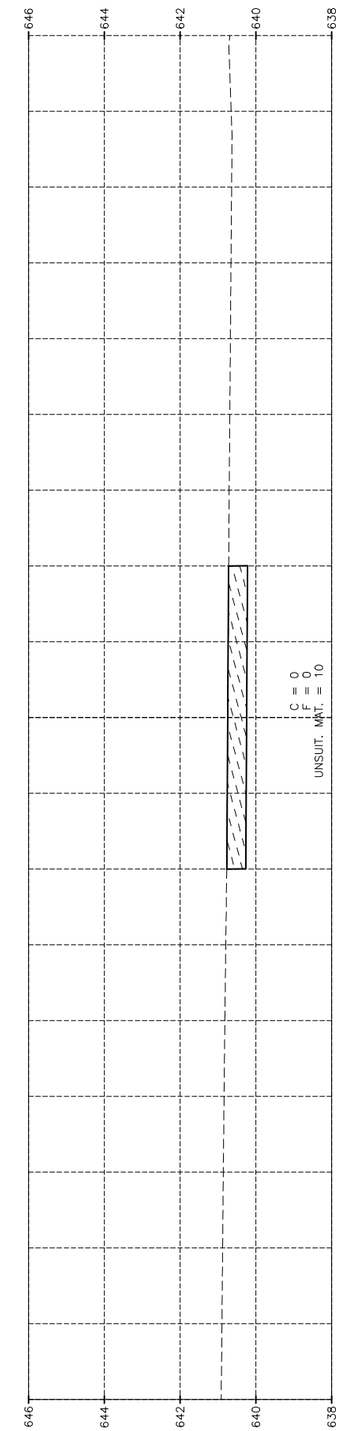
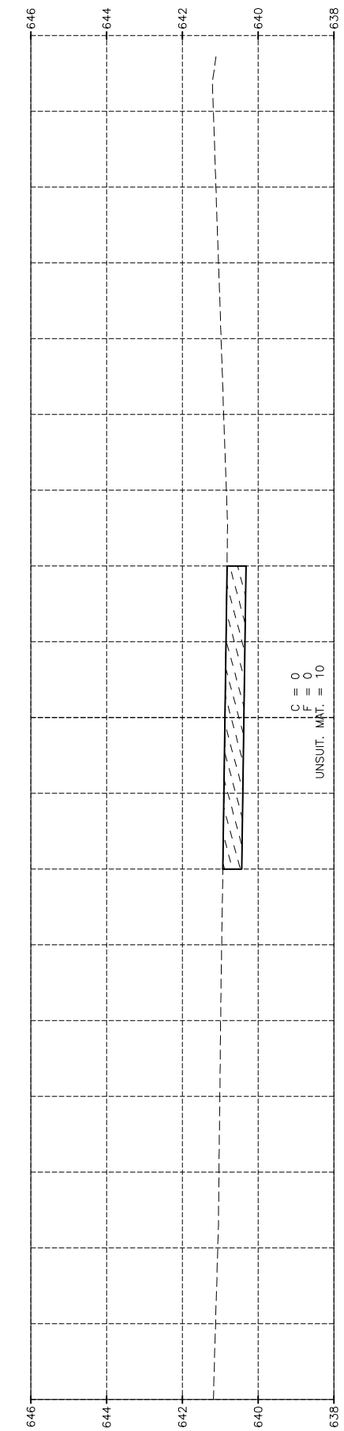
– UNSUITABLE MATERIAL



203+00.00



202+50.00

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