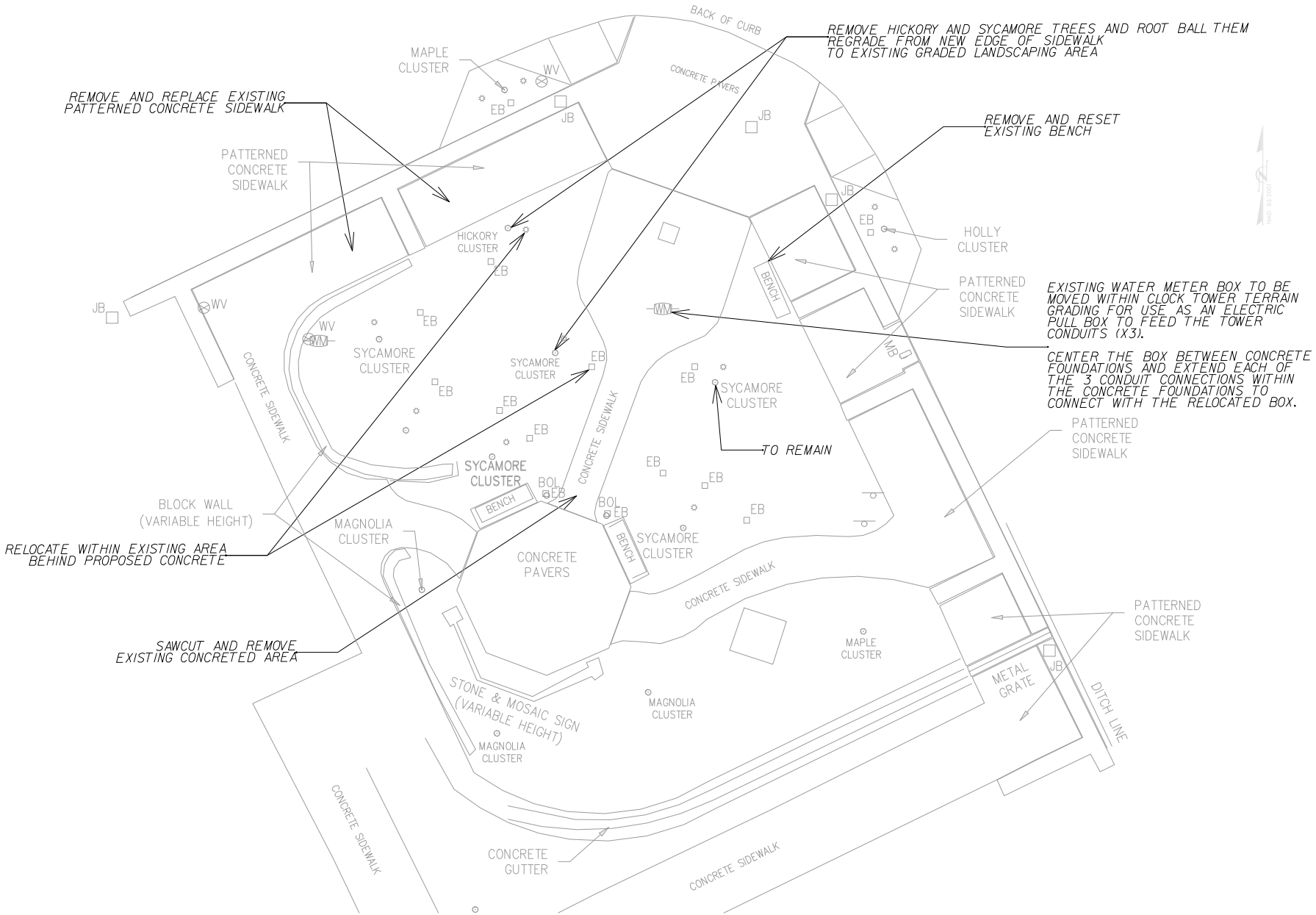


CITY OF LENOIR - CLOCK TOWER

EXISITING CONDITIONS DEMO AND SITE PREP PLAN

CITY OF LENOIR, NORTH CAROLINA

Revisions

Issue Dates: 07/20/2026

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Designed By: EKW

Checked By: BRN

Date: 07/20/26

Mattern & Craig
ENGINEERS - SURVEYORS
231 19th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-7133
FAX (828) 855-7133

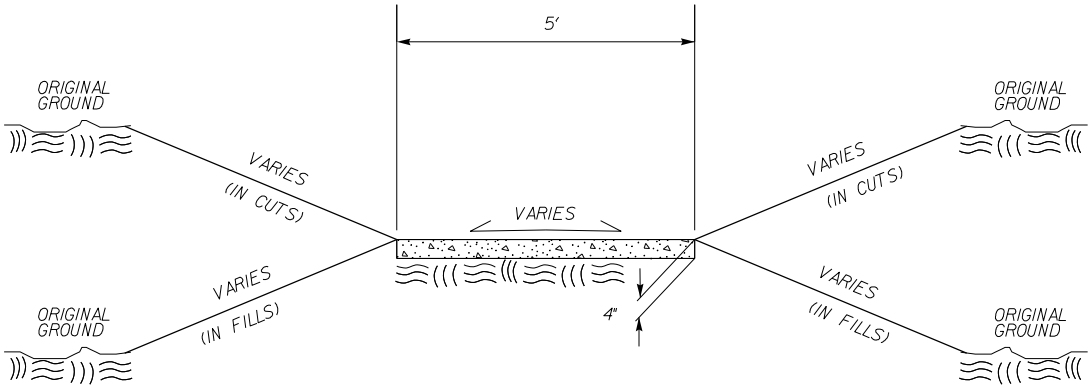
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Commission Number: 4322E

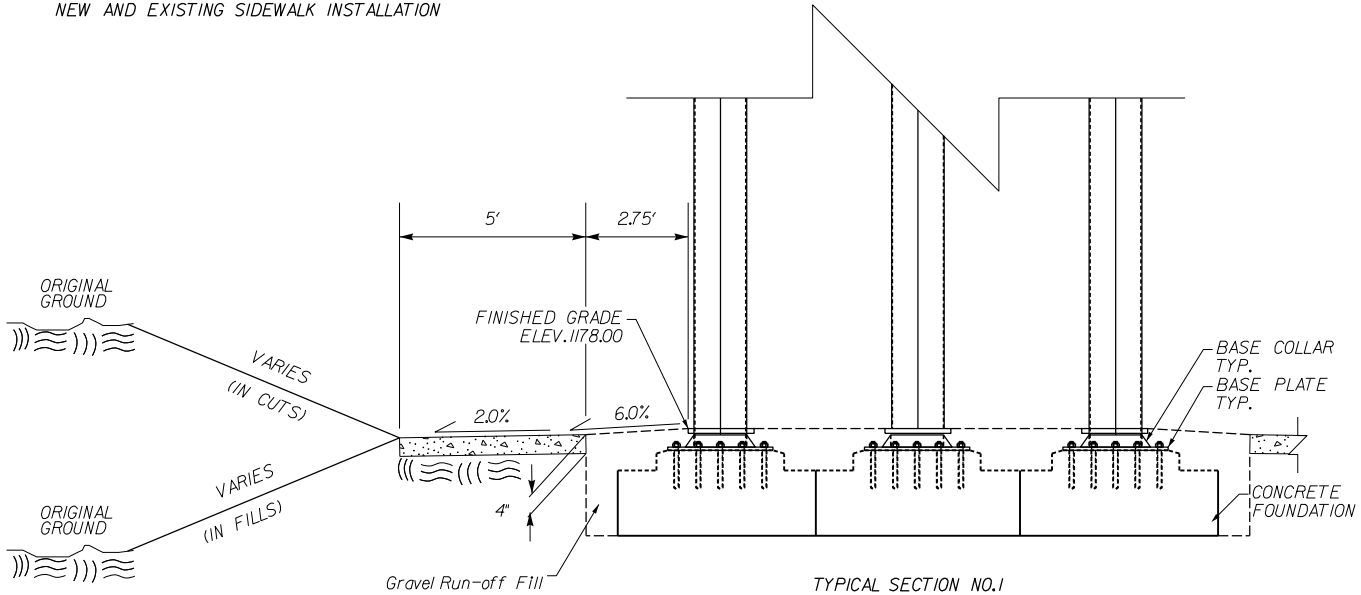
Sheet No.:

C-01



TYPICAL SECTION NO.1

NEW AND EXISTING SIDEWALK INSTALLATION



TYPICAL SECTION NO.1

CLOCK TOWER RUST RUN-OFF GRAVEL TRAP AND NEW SIDEWALK

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Mattern & Craig
ENGINEERS - SURVEYORS
231 16th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-1133
FAX (828) 855-1133

CITY OF LENOIR - CLOCK TOWER

TYPICAL SECTIONS

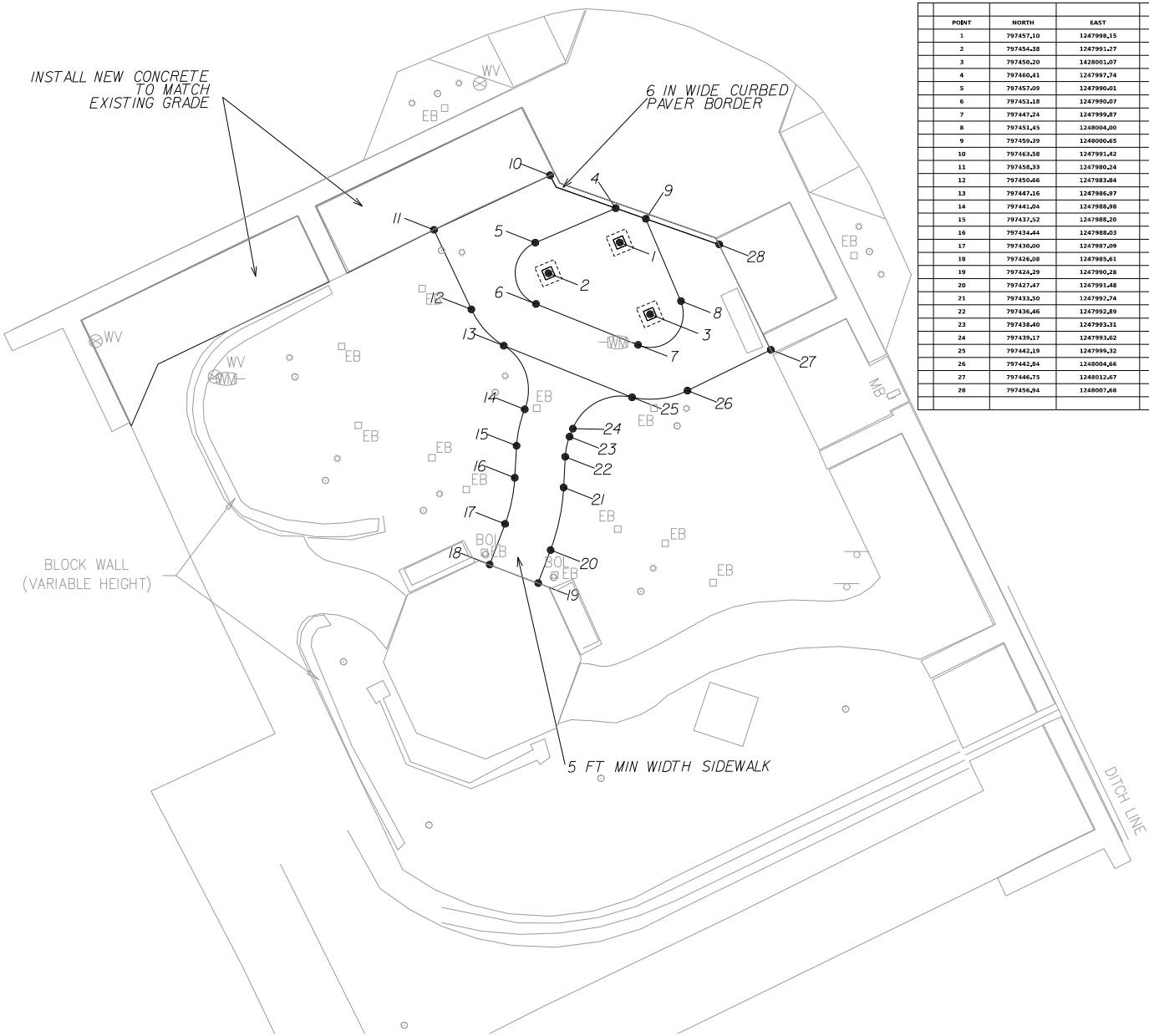
CITY OF LENOIR, NORTH CAROLINA

Vertical Scale: AS NOTED

Horizontal Scale: AS NOTED

Commission Number: 4322E

Sheet No.: C-02



POINT	NORTH	EAST	ELEVATION	DESCRIPTION	RADIUS (FT)
1	797457.10	1247998.15	1178.00	Column 1 of 3	
2	797454.38	1247991.27	1178.00	Column 2 of 3	
3	797450.20	1428001.07	1178.00	Column 3 of 3	
4	797460.41	1247997.74	1177.64	Begin Median	
5	797457.09	1247990.01	1177.39	PC	3.2
6	797451.18	1247990.07	1177.25	PT	
7	797447.24	1247999.87	1177.11	PC	3.2
8	797451.45	1248004.00	1177.15	PT	
9	797459.39	1248000.65	1177.62	END MEDIAN	
10	797463.58	1247991.42	1177.61	BEGIN EDGE OF SIDEWALK_LT	
11	797458.33	1247980.24	1177.20		
12	797450.66	1247983.84	1177.18	PC	8.2
13	797447.16	1247986.97	1177.15	PCC	5
14	797441.04	1247988.98	1176.93	PCC	11
15	797437.52	1247988.20	1176.84	PT	
16	797434.44	1247988.03	1176.75	PC	15
17	797430.00	1247987.09	1176.62	PT	
18	797426.08	1247985.61	1176.68	END EDGE OF SIDEWALK_LT	
19	797424.29	1247990.28	1176.69	BEGIN EDGE OF SIDEWALK_RT	
20	797427.47	1247991.48	1176.62	PC	20
21	797433.50	1247992.74	1176.75	PT	
22	797436.46	1247992.89	1176.81	PC	6
23	797438.40	1247993.31	1176.84	PT	
24	797439.17	1247993.62	1176.86	PC	5
25	797442.19	1247999.32	1177.00	PCC	8.2
26	797442.84	1248004.66	1176.97	PT	
27	797446.75	1248012.67	1176.92		
28	797456.94	1248007.68	1177.40	END EDGE OF SIDEWALK_RT	

NOTE:

CONCRETE PAD AND SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00% PER ADA.

Revisions

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Mattern & Craig
ENGINEERS - SURVEYORS
231 19th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-2133
FAX (828) 855-1133

CITY OF LENOIR - CLOCK TOWER

LAYOUT AND GRADE PLAN

CITY OF LENOIR, NORTH CAROLINA

Vertical Scale: AS NOTED

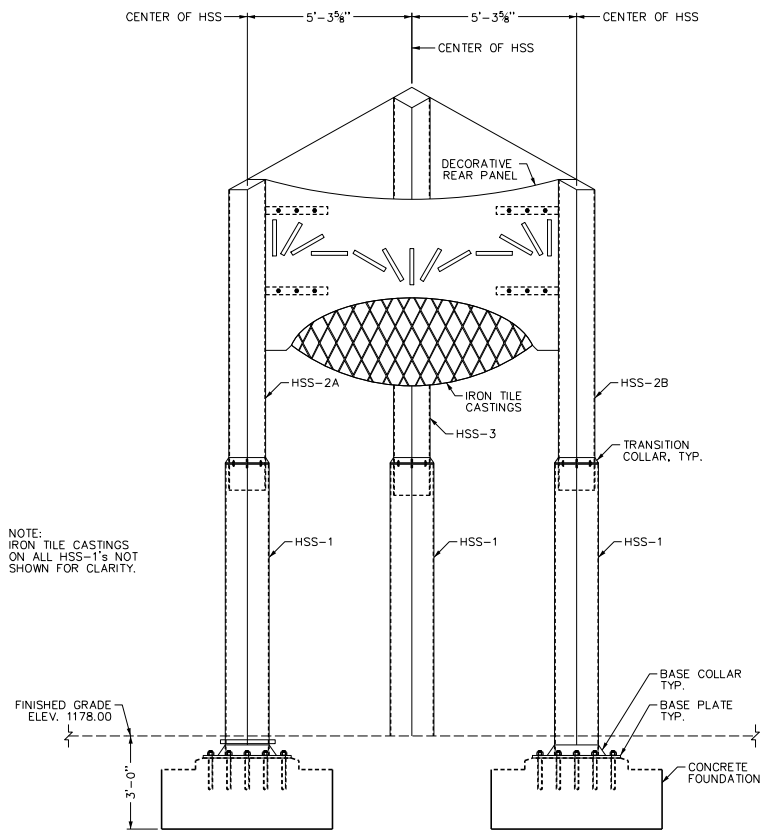
Horizontal Scale: AS NOTED

Commission Number: 4322E

Sheet No.:

C-03

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REAR ELEVATION VIEW

GENERAL NOTES

ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, DATED JANUARY 2024.

ALL STRUCTURAL STEEL BARS AND PLATES SHALL BE CORTEN ASTM A588 WITH A MINIMUM YIELD STRENGTH OF 50 KSI.

ALL STRUCTURAL STEEL TUBES SHALL BE CORTEN ASTM A847 WITH A MINIMUM YIELD STRENGTH OF 50 KSI.

CONTRACTOR SHALL SATISFY ANY ADDITIONAL OSHA AND STATE SAFETY REQUIRMENTS.

ALL ELEVATIONS SHOWN IN FEET UNLESS NOTED OTHERWISE.

CONTRACTOR SHALL LOCATE ALL UTILITIES AND UTILITY ELEVATIONS PRIOR TO CONSTRUCTION. ALL UTILITIES TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR.

ALL CONCRETE SHALL BE CLASS A (f'c = 3,000 PSI).

All REINFORCING STEEL SHALL BE GRADE 60.

REINFORCING STEEL MAY BE SHIFTED SLIGHTLY AS NECESSARY TO CLEAR ANCHOR BOLTS.

ALL WELDING SHALL BE IN ACCORDANCE WITH CURRENT AWS SPECIFICATIONS PERFORMED BY A CERTIFIED WELDER.

E70XX ELECTRODES SHALL BE USED FOR ALL WELDING.

ANCHOR BOLTS SHALL BE HEADED 1" DIA. ASTM F1554 GR 36. ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 12" INTO THE CONCRETE.

ALL FIELD CONNECTIONS TO BE 1" DIA. ASTM F3125 GRADE A325 BOLTS WITH CORRESPONDING NUTS AND WASHERS.

THERE SHALL BE CONDUITS CENTERED IN EACH TOWER LEG PEDESTAL. SEE SHEET S-3 FOR MORE DETAILS.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
S-1	REAR ELEVATION, GENERAL NOTES, AND INDEX OF SHEETS
S-2	STRUCTURE SIDE ELEVATIONS
S-3	FOUNDATION DETAILS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34955 TIMOTHY J. TOMASINO
8/5/2026

Date
Revisions

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Designed By: TJT
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Mattern & Craig
ENGINEERS - SURVEYORS
231 19th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-1133
FAX (828) 855-1133

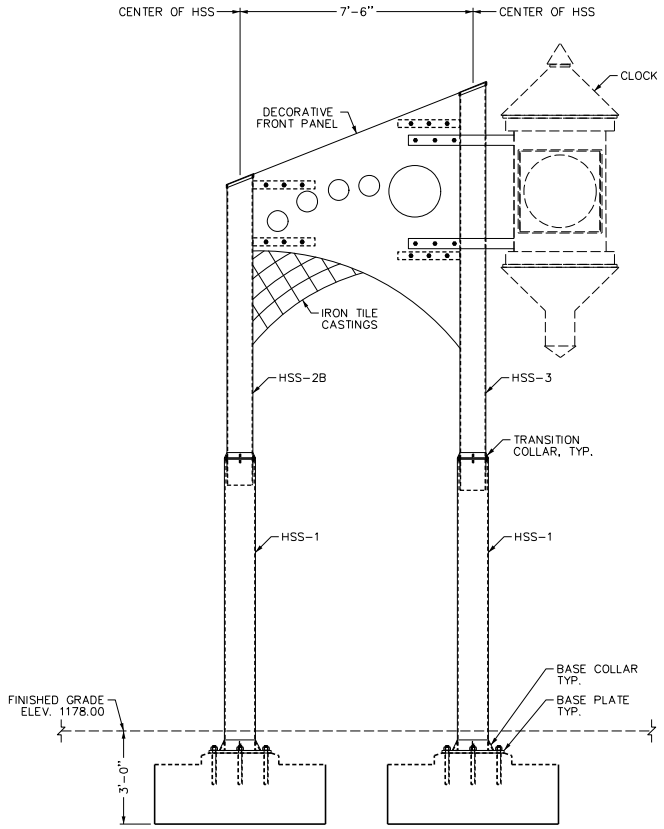
CITY OF LENOIR - CLOCK TOWER

REAR ELEVATION, GENERAL NOTES AND INDEX OF SHEETS

CITY OF LENOIR, NORTH CAROLINA

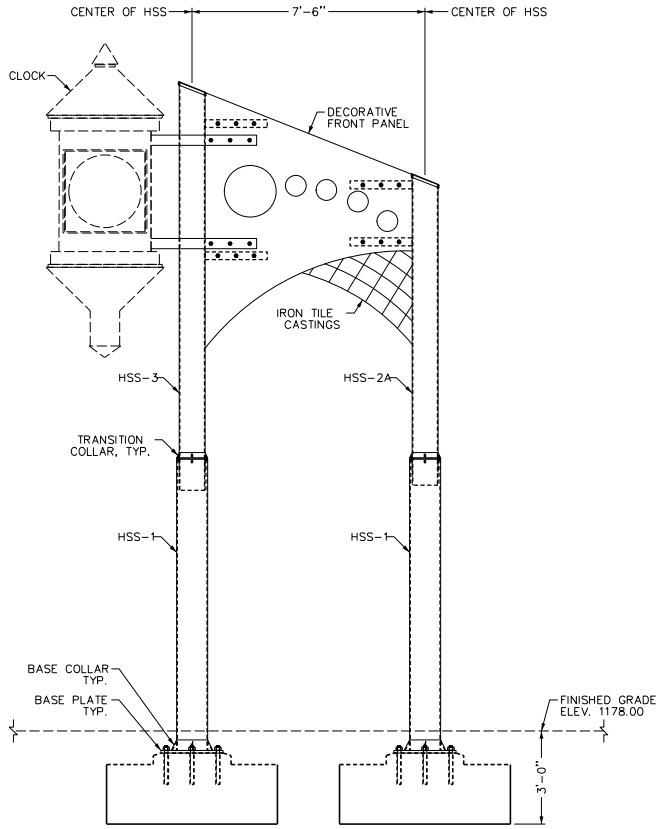
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Horizontal Scale: 1/2" = 1'-0"
Commission Number: 4322E
Sheet No.: S-1

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SIDE 2B VIEW

NOTE:
IRON TILE CASTINGS ON ALL HSS-1's NOT SHOWN FOR CLARITY.



SIDE 2A VIEW

SIDE ELEVATION VIEWS

NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL
034955
TIMOTHY J. TOMMASINO
8/5/2026

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Mattern & Craig
ENGINEERS - SURVEYORS
231 19th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-1133
FAX (828) 855-1133

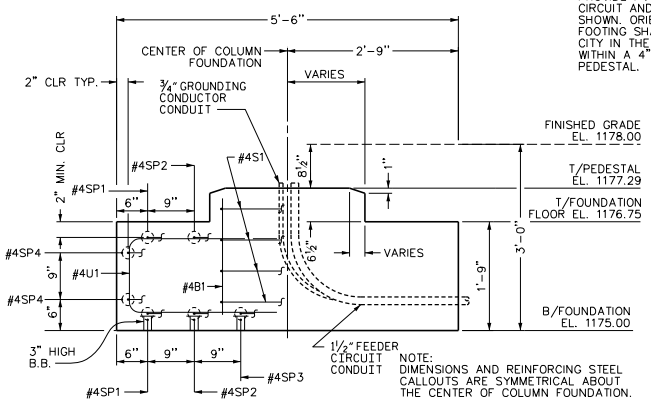
CITY OF LENOIR - CLOCK TOWER

STRUCTURE SIDE ELEVATIONS

CITY OF LENOIR, NORTH CAROLINA

Vertical Scale: 1/2" = 1'-0"
Horizontal Scale: 1/2" = 1'-0"
Commission Number: 4322E
Sheet No.: S-2

Docusign Envelope ID: 8785CF57-C343-58ED-61DD-3F697CA33B90



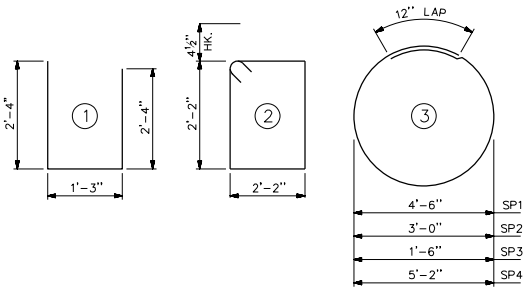
NOTE:
PROVIDE PVC CONDUIT FOR FEEDER CIRCUIT AND GROUNDING CIRCUIT AS SHOWN. ORIENTATION OF OUTLET OF FOOTING SHALL BE VERIFIED BY THE CITY IN THE FIELD. CONDUITS SHALL BE WITHIN A 4" CIRCLE CENTERED ON THE PEDESTAL.

NOTE:
DIMENSIONS AND REINFORCING STEEL CALLOUTS ARE SYMMETRICAL ABOUT THE CENTER OF COLUMN FOUNDATION.

TYP. COLUMN FOUNDATION SECTION

SCALE: 1" = 1'-0"

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

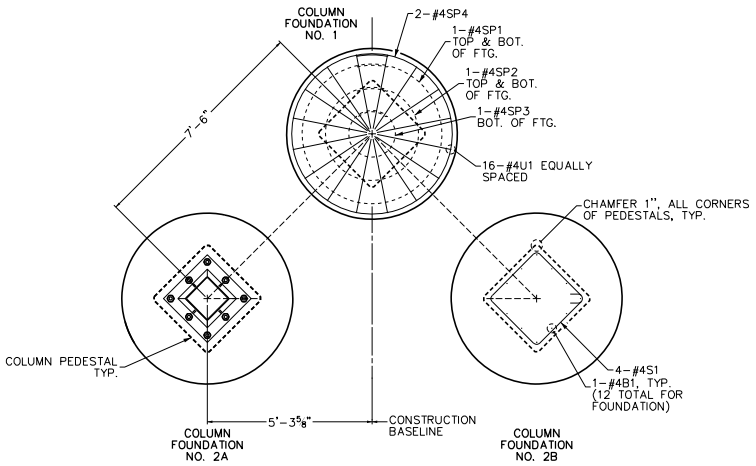
BILL OF MATERIAL
FOR TOWER FOUNDATION

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	36	#4	STR	1'-11"	46
S1	12	#4	2	9'-5"	75
SP1	6	#4	3	15'-2"	60
SP2	6	#4	3	10'-6"	42
SP3	3	#4	3	5'-9"	12
SP4	6	#4	3	17'-3"	69
U1	48	#4	1	5'-11"	190

REINFORCING STEEL 493 LBS.

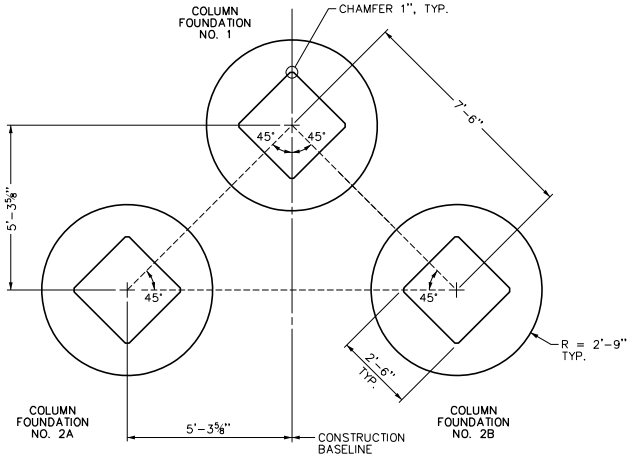
CLASS A CONCRETE 5.0 C.Y.

1" DIA. ANCHOR BOLTS NO. 24



SUBSTRUCTURE PLAN 1

SCALE: ½" = 1'-0"



SUBSTRUCTURE LAYOUT

SCALE: ½" = 1'-0"

SHEET NOTES:

1. REINFORCING STEEL MAY BE SHIFTED SLIGHTLY TO AVOID CONFLICT WITH THE CONDUITS AND ANCHOR BOLTS.

2. ANCHOR BOLTS SHALL BE CAST INTO THE FOUNDATION. DRILLING AND ANCHORING OF ANCHOR BOLTS IS NOT ALLOWED. THE CONTRACTOR SHALL MAKE/OBTAIN A TEMPLATE OF THE ACTUAL ANCHOR BOLTS LOCATIONS BASED ON THE AS CONSTRUCTED TOWER BASE PLATES, TO LOCATE THE ANCHOR BOLTS.

3. DIMENSIONS AND REINFORCING STEEL IS SIMILAR FOR ALL FOUNDATION ELEMENTS.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34955 TIMOTHY J. TOMASINO
8/5/2026

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Mattern & Craig
ENGINEERS - SURVEYORS
231 19th AVENUE NE
HICKORY, NORTH CAROLINA 28601
(828) 855-0921
FAX (828) 855-1133

CITY OF LENOIR - CLOCK TOWER
FOUNDATION DETAILS
CITY OF LENOIR, NORTH CAROLINA

Vertical Scale: AS NOTED
Horizontal Scale: AS NOTED
Commission Number: 4322E
Sheet No.:
S-3