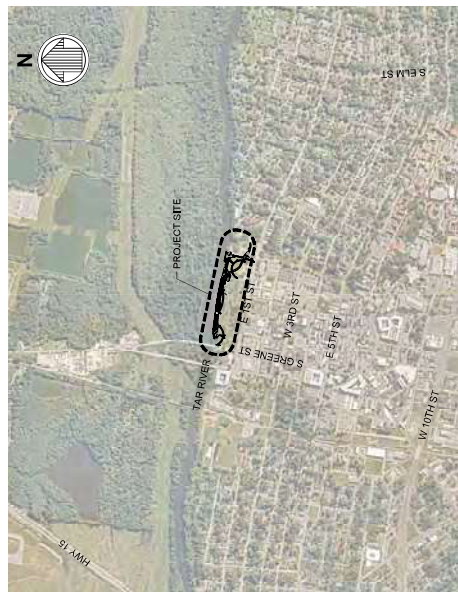


2	3	4	5
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LOCATION PLAN
SCALE: NTS

1. THE TOPOGRAPHY PRESENTED ON THE SITE PLAN IS BASED ON 2017 SURVEY CONDUCTED BY THE EAST GROUP AND CAN ONLY BE CONSIDERED AS REPRESENTATIVE OF CONDITIONS AT THAT TIME, SURVEY VERTICAL REFERENCE NAVD88 DATUM.

- GENERAL NOTES (CONTINUED):

- PERMITS:**

- STAGING:**

- DATUM:

- | | | |
|---------------------|----------|---------|
| FEMA 100 YEAR FLOOD | 22.90 FT | NAVD 88 |
| FEMA 500 YEAR FLOOD | 25.80 FT | |
| FLOOD STAGE | 9.46 FT | |
| NORMAL POOL | 1.00 FT | |

AC
ACI
AEC
AISC
APPR.
APPROX
ASTM
ACREAGE
AMERICAN CONCRETE INSTITUTE
AREA OF ENVIRONMENTAL CONCERN
AMERICAN INSTITUTE OF STEEL CONSTRUCTION
APPROVER
APPROXIMATE
AMERICAN INTERNATIONAL

- LEGEND:

- ## DETAIL CALL OUT

-
- A diagram of a circular feature, likely a well or borehole, with a central point labeled 'A1'. The circle is divided into four quadrants. The top-left quadrant is labeled 'DIRECTION OF VIEW'. The top-right quadrant is labeled 'PHOTOGRAPH NUMBER*'. The bottom-left quadrant is labeled 'SHEET WHERE PHOTOGRAPH IS SHOWN'. The bottom-right quadrant is labeled 'S-601'.

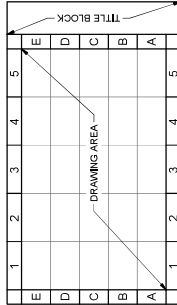
SECTION CANNOT

-

KEYED NOTE

- ## DETAIL CALLOUT WITH LEADERS

* VIEW NUMBER IS BASED ON THE (DACS) LOCATION OF THE LOWER-LEFT EXTENTS OF THE VIEW ON THE REFERENCED SHEET. WHEN REFERENCING DRAWING INFORMATION BETWEEN SHEETS, BOTH THE VIEW AND SHEET NUMBERS MUST BE QUOTED TOGETHER - EITHER IN A CALLOUT FORMAT AS SHOWN ABOVE OR IN THE FORM:



DRAWING AREA COORDINATE SYSTEM (DACS)

- NORTH AMERICAN DATUM OF 1983
NORTH AMERICAN VERTICAL DATUM OF 1988
NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL QUALITY

- [illegible]

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

GENERAL NOTES,
ABBREVIATIONS & LEGEND

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

GENERAL NOTES,
ABBREVIATIONS & LEGEND

	4700 TALLAS BLVD. SUITE 200 AUSTIN, TX 78756 J. AMERSON 202-540-1070 0	Discrepancy Date	Inventory Date	M&M's 2/21/15	Inventory Date	Inventory Date	Inventory Date	Inventory Date	Inventory Date
---	--	---------------------	-------------------	------------------	-------------------	-------------------	-------------------	-------------------	-------------------



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

1. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES.
2. NO TITLE CAVENY OR COMMENT WAS PROVIDED TO THE EAST GROUP BY THE OWNER OR ANY AGENT OF THE OWNER AT THE TIME OF THIS SURVEY.
3. THIS PROPERTY IS SUBJECT TO THE TARPAMOLICO RIVER RIPARIAN BUFFER RULES.
4. THE SURVEYOR MADE NO ATTEMPT TO LOCATE OR DELINEATE ANY WETLANDS LOCATED ON THE SUBJECT PROPERTY.
5. THE SURVEYOR MAKES NO GUARANTEE THAT THERE ARE NO OTHER EASEMENTS THAT MAY BENEFIT OR BURDEN THE SUBJECT PROPERTY.
6. THIS PROPERTY IS LOCATED IN ZONE X AND IS PARTIALLY LOCATED IN A SPECIAL FLOOD HAZARD AREA AS TAKEN FROM N.F.P. RATE MAP DATED 12/1/2006. THE SUBJECT PROPERTY PANEL 927404860000; SEE FLOOD ELEVATION (SFE) NOTED HEREON.
7. REFERENCE IS HEREBY MADE TO A SURVEY MAP OF THE WEST/EAST ADJACENT PROPERTY BY TINGERS AND ASSOCIATES DATED JUNE 19, 1978 TITLED "PROPERTY OF ROBERT T. MONTAQUANA, ETC."
8. UNDERGROUND UTILITIES TAKEN FROM INFORMATION PROVIDED BY GREENMOUND UTILITIES COMMISION FROM ABOVE GROUND EVIDENCE.
9. THIS SURVEY UPDATE DOES NOT INCLUDE MICROIMAGES FOR THE PROPERTY INSTALLED AFTER THE JUNE 1978 REVISION.

593	CB HOOD = 24.76 INV = 18.76	THROAT INLET = 15.36 N INV = 9.16 SW INV = 11.72
781	THROAT INLET = 15.36 N INV = 9.16	THROAT INLET = 15.26 INV = 11.36
797	THROAT INLET = 15.26 INV = 11.36	DI TOP = 16.34 N INV = 8.27 INV OUT = 11.67
804	DI TOP = 16.34 N INV = 8.27	THROAT INLET = 21.07 INV = 17.46
899	DI TOP = 22.27 INV = 17.46	DI TOP = 24.77 THROAT INLET = 23.78 INV = 19.79
904	DI TOP = 24.77 THROAT INLET = 23.78 INV = 19.79	DI TOP = 18.67 CB HOOD = 24.70 INV = 15.36
934	DI TOP = 18.67 CB HOOD = 24.70 INV = 15.36	

[illegible]

Model	Log-likelihood	df	AIC	BIC	Bayes factor
CB H000 = 45.08 INV = 39.68	(2158)	2295	4.59	2158	0.00
CB H000 = 50.59 INV = 46.00	(2178)	2305	4.59	2178	0.00
CB H000 = 50.94 INV = 46.81	(2179)	2310	±	2179	0.00
IB TOP = 49.42 INV = 44.42	(2194)	2312	4.79	2194	0.00
CB H000 = 45.19 INV = 42.27	(2285)	2302	4.66	2285	0.00
IB TOP = 45.18 S INV = 41.58 INV = 39.33	(2270)	2303	4.04	2270	0.00
CB H000 = 45.21 INV = 40.70	(2279)	2304	4.64	2279	0.00

[illegible]

ECM	EXISTING CONCRETE MONUMENT
EIP	EXISTING IRON PIPE
EIS	EXISTING RAIL STAKE
ENRS	EXISTING RAIL ROAD SPIKE
ACP	ASBESTOS CONCRETE PIPE
ALA	AREA LIGHT
ASW	ASBESTOS WALK
BMT	BONDED MULCH TRAIL
BCH	BENCH
BT	BIRCH TREE
CB	CATCH BASIN
CI	CAST IRON PIPE
CLF	CHAIN LINK FENCE
CMB	CREPE MYRTLE BUSH
CWB	CONCRETE SIDEWALK
CYP	CYPRESS TREE
CR	CORNER
EB	ELECTRIC BOX
EMH	ELECTRIC MANHOLE
ET	ELM TREE

(100)	SMH TOP = 24.06 BOTTOM = 12.31 INVS TO BE ABANDONED	(1713)	SMH TOP = 28.02 INV =
(101)	SMH TOP = 23.48 SMH INV = 15.36 INV = 7.63	(1912)	SMH TOP = 26.99 SMH INV = 13.74 INV = 23.19
(446)	SMH TOP = 17.14 INV = 7.54	(2102)	SMH TOP = 22.76 INV = 8.31
(463)	SMH TOP = 20.74 INV = 7.54	(2103)	SMH TOP = 22.76 INV = 8.06
(755)	SMH TOP = 17.08 INV INACCESSIBLE	(2272)	SMH TOP = 44.94 INV =
(1599)	SMH TOP = 21.68 INV = 6.43	(2409)	SMH TOP = 48.12 INV =

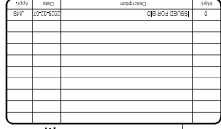
SSMH TOP = 47.41 INV = 7.11	SSMH TOP = INV =	SSMH TOP = INV = 9.02
(2415)	(2447)	(2454)
SSMH TOP = 50.71 INV =	SSMH TOP = 45.24 INV =	SSMH TOP = 16.50 INV = 7.10
(2472)	(2503)	(2506)
SSMH TOP = 28.46 INV = 7.11	SSMH TOP = 17.22 INV = 9.02	
(2546)	(2549)	

[illegible]

LINE TABLE		
LINE	LENGTH	BEARING
L2	45.41	N74°17'15"E
L3	45.55	S87°56'58"E
L4	49.77	S74°14'12"E
L5	16.93	S68°11'05"E
L6	16.45	S52°08'02"E
L7	13.36	S37°02'13"E

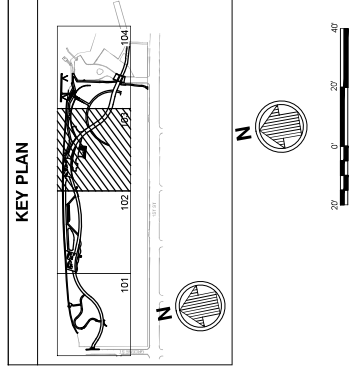
	NOT TO SCALE
0	NO POINT SET
—E—	OVERHEAD ELECTRIC
—SS—	SEWER LINE
—SD—	STORM DRAIN
—UC—	UNDERGROUND CABLE
—UGT—	UNDERGROUND TELECOMMUNICATIONS
—UE—	UNDERGROUND ELECTRIC
—UC—	UNDERGROUND GAS
—W—	WATER LINE

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

[illegible]

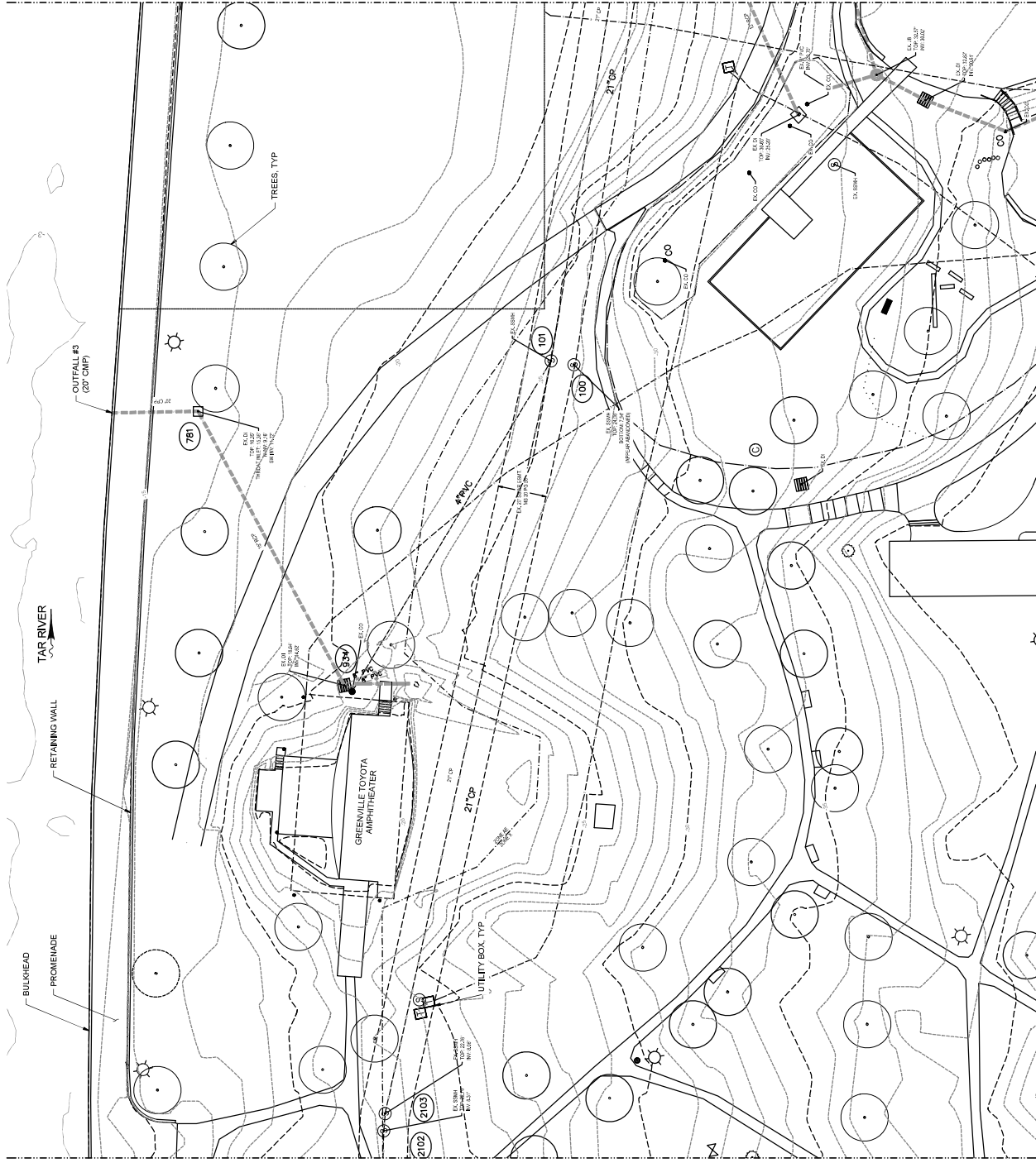
SEAL	SEAL	Sheet Reference No. V-103 INDEX: 9 OF 114
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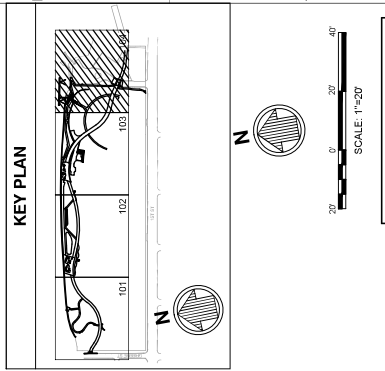
1. TOPOGRAPHY SURVEY WAS CONDUCTED BY THE EAST GROUP OF MARCH 2017 AND CAN ONLY BE CONSIDERED AS REPRESENTATIVE OF CONDITIONS AT THAT TIME. SURVEY VERTICAL REFERENCE NAVD83 DATUM. SEE SHEETS SUI THRU S14.
2. BATHYMETRIC SURVEY WAS CONDUCTED BY GEODYNAMICS, LLC IN NOVEMBER & DECEMBER 2022 AND JANUARY 2023 AND CAN ONLY BE CONSIDERED AS REPRESENTATIVE OF CONDITIONS AT THAT TIME. SURVEY VERTICAL REFERENCE NAVD83 DATUM. SEE SHEET V-001 FOR SURVEY NOTES AND LEGEND.
- 3.



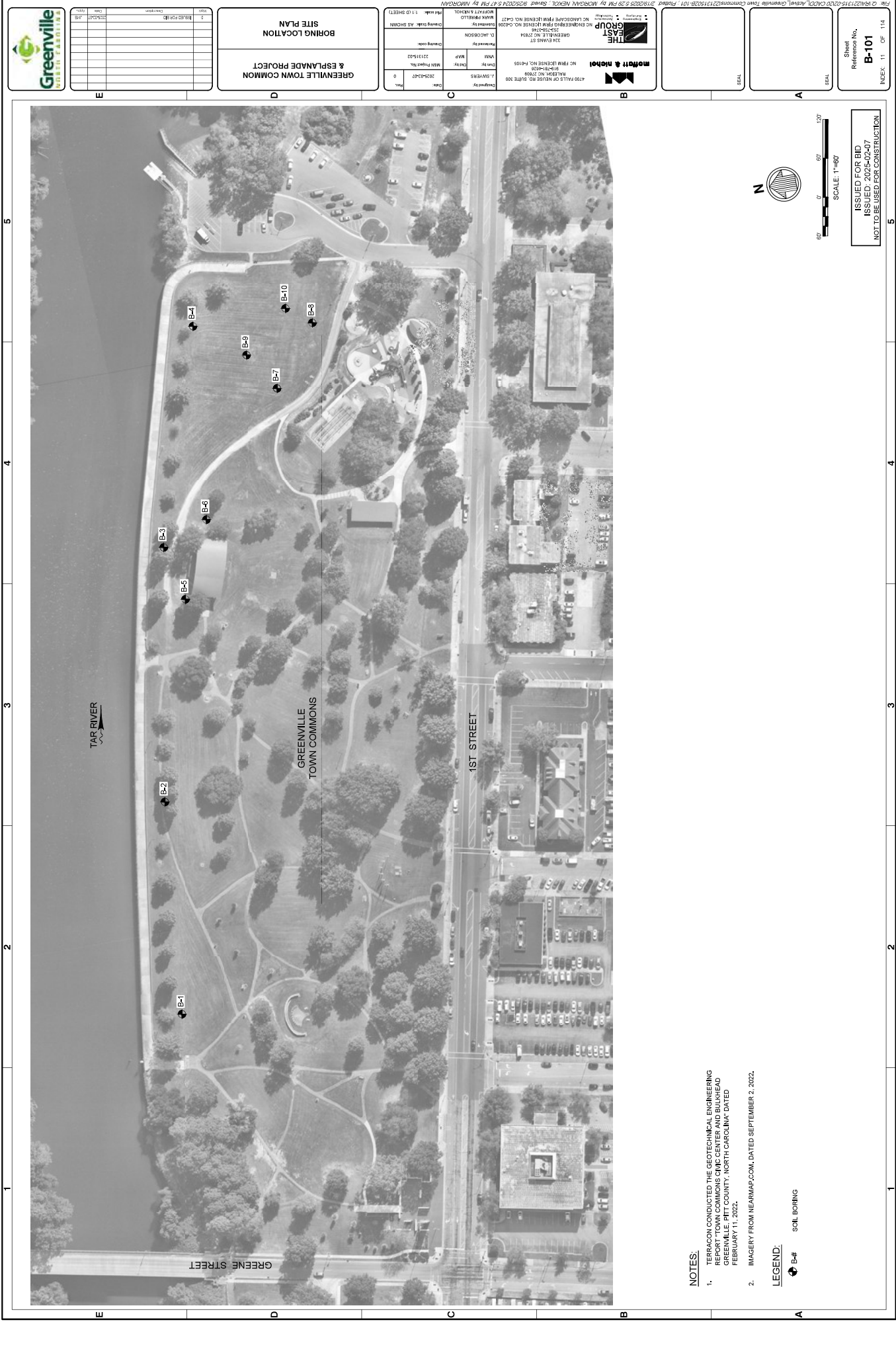
ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING





1. TOPOGRAPHY SURVEY WAS CONDUCTED BY THE EAST GROUP ON MARCH 2021 AND CAN ONLY BE CONSIDERED AS REPRESENTATIVE OF CONDITIONS AT THAT TIME. SURVEY VERTICAL REFERENCE NAVD88 DATUM. SEE SHEETS SUI THRU SUI4.
2. BATHYMETRIC SURVEY WAS CONDUCTED BY GEODYNAMICS, LLC IN NOVEMBER & DECEMBER 2022 AND JANUARY 2023 AND CAN ONLY BE CONSIDERED AS REPRESENTATIVE OF CONDITIONS AT THAT TIME. SURVEY VERTICAL REFERENCE NAVD88 DATUM.
3. SEE SHEET W001 FOR SURVEY NOTES AND LEGEND.



- NOTES:**
1. TERRACON CONDUCTED THE GEOTECHNICAL ENGINEERING REPORT "TOWN COMMONS CIVIC CENTER AND BULKHEAD GREENVILLE, PITT COUNTY, NORTH CAROLINA" DATED FEBRUARY 11, 2022.
 2. IMAGERY FROM NEARMAP.COM, DATED SEPTEMBER 2, 2022.

LEGEND:
● B-# SOIL BORING

ISSUED FOR BID
ISSUED: 2023-02-07
NOT TO BE USED FOR CONSTRUCTION

SCALE: 1"=60'



BEAL

Sheet
Reference No.
B-101
INDEX: 11 OF 114

BEAL

BEAL

moftitt & nebel
INCORPORATED
1700 FALLS OF NEUSE RD., SUITE 100
RALEIGH, NC 27603
TEL: 919-485-7800
FAX: 919-485-7800
www.moftitt.com

THE GROUP
INCORPORATED
10000 WILSON ROAD, SUITE 100
GREENVILLE, NC 27604
TEL: 800-368-7272
www.thegroupinc.com

Drawn by: J. JACOBSON	Checked by: J. JACOBSON
Scale: 1"=60'	Scale: 1"=60'
Project: GREENVILLE COMMONS CIVIC CENTER AND BULKHEAD	Project: GREENVILLE COMMONS CIVIC CENTER AND BULKHEAD
Client: GREENVILLE, PITT COUNTY, NORTH CAROLINA	Client: GREENVILLE, PITT COUNTY, NORTH CAROLINA
Date: 2023-02-07	Date: 2023-02-07
Sheet: 11 OF 114	Sheet: 11 OF 114

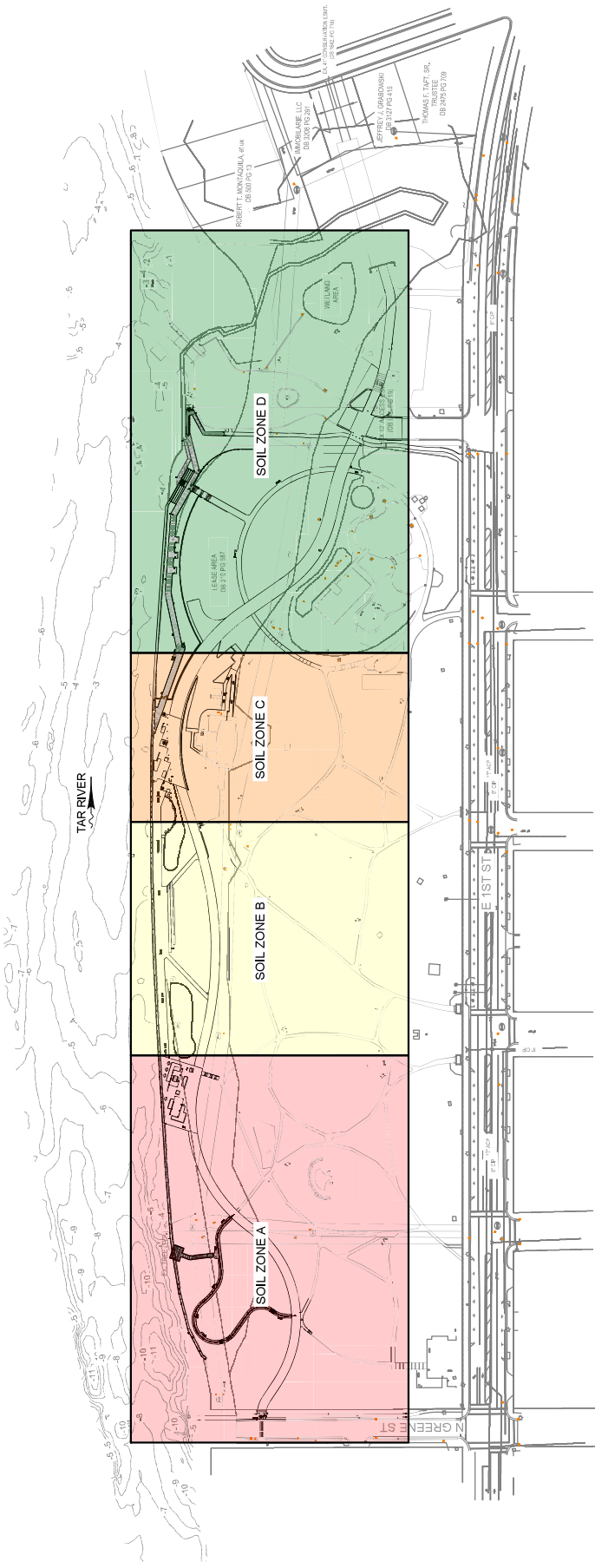
**BORING LOCATION
SITE PLAN**
**GREENVILLE TOWN COMMONS
& ESPLANADE PROJECT**

NO.	DATE	DESCRIPTION
1	2023-02-07	ISSUED FOR BID
2	2023-02-07	ISSUED FOR BID
3	2023-02-07	ISSUED FOR BID
4	2023-02-07	ISSUED FOR BID
5	2023-02-07	ISSUED FOR BID
6	2023-02-07	ISSUED FOR BID
7	2023-02-07	ISSUED FOR BID
8	2023-02-07	ISSUED FOR BID
9	2023-02-07	ISSUED FOR BID
10	2023-02-07	ISSUED FOR BID
11	2023-02-07	ISSUED FOR BID



NOTES:

1. PRELIMINARY VALUES ARE BASED ON TERRACON GEOTECHNICAL ENGINEERING REPORT FOR THE TOWN COMMON PARK - BULKHEAD AND ESPLANADE PROJECT, PROJECT No. 72245905 TERRACON REPORT DATED MAY 16, 2024.
2. SOIL ZONES ARE PRELIMINARY FOR PLANNING PURPOSES AND VARIATIONS BETWEEN ZONES, INCLUDING TRANSITIONS, SHOULD BE CONSIDERED.



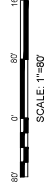
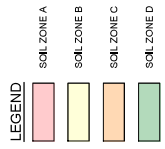
PRELIMINARY GROUTED ANCHOR ULTIMATE BOND STRESS VALUES PER SOIL ZONE

SOIL ZONE A - GROUTED ANCHOR ULTIMATE BOND STRESS			
TOP ELEVATION (NAVD88)	BOTTOM ELEVATION (NAVD88)	ULTIMATE BOND STRESS (PSI)	
18.0	15.0	15	
15.0	13.0	5	
13.0	10.0	12	
10.0	-5.0	10	
-5.0	-10.0	20	
-10.0	-20.0	15	
-20.0	-25.0	59	
-25.0	-50.0	12	
-50.0	-57.0	20	

SOIL ZONE B - GROUTED ANCHOR ULTIMATE BOND STRESS			
TOP ELEVATION (NAVD88)	BOTTOM ELEVATION (NAVD88)	ULTIMATE BOND STRESS (PSI)	
18.0	5.0	10	
5.0	0.0	10	
0.0	-10.0	25	
-10.0	-25.0	59	
-25.0	-50.0	12	
-50.0	-57.0	12	

SOIL ZONE C - GROUTED ANCHOR ULTIMATE BOND STRESS			
TOP ELEVATION (NAVD88)	BOTTOM ELEVATION (NAVD88)	ULTIMATE BOND STRESS (PSI)	
18.0	0.0	10	
0.0	-10.0	17	
-10.0	-25.0	59	
-25.0	-50.0	17	
-50.0	-57.0	10	
-57.0	-57.0	20	

SOIL ZONE D - GROUTED ANCHOR ULTIMATE BOND STRESS			
TOP ELEVATION (NAVD88)	BOTTOM ELEVATION (NAVD88)	ULTIMATE BOND STRESS (PSI)	
18.0	4.0	10	
4.0	-1.0	7	
-1.0	-6.0	4	
-6.0	-16.0	17	
-16.0	-36.0	59	
-36.0	-56.0	11	
-56.0	-58.0	20	



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

Sheet
Reference No.
B-102

INDEX 12 OF 114

DRAWING SCALES SHOWN BASED ON 24" X 36" DRAWING

DATE	2
REVISED FOR	2
PROJECT	COMMON PARK - BULKHEAD AND ESPLANADE PROJECT
PROJECT NO.	72245905
TERRACON REPORT DATED	MAY 16, 2024

SOIL ZONE SITE PLAN

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

324 KINGS RD
GREENVILLE, NC 27634
TEL: 813-450-1000
WWW.MOFFITTANDNICHOL.COM

324 KINGS RD
GREENVILLE, NC 27634
TEL: 813-450-1000
WWW.GREENVILLE-NC.EDU

DESIGNED BY
D. JACOBSON

CHECKED BY
M. HENRIKSEN

DATE
2025-02-07

PROJECT NO.
72245905

PROJECT NAME
COMMON PARK - BULKHEAD AND ESPLANADE PROJECT

PROJECT LOCATION
COMMON PARK - BULKHEAD AND ESPLANADE PROJECT

SEAL

SEAL

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

Sheet
Reference No.
B-601

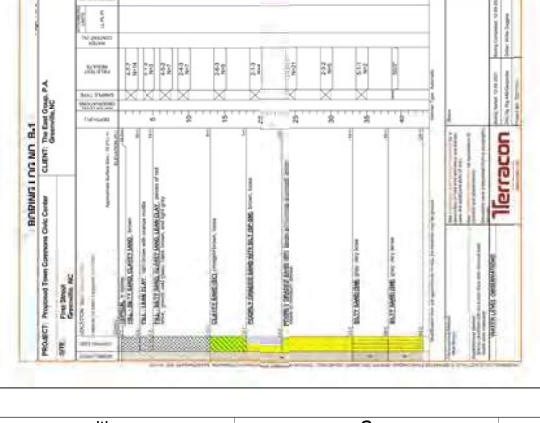
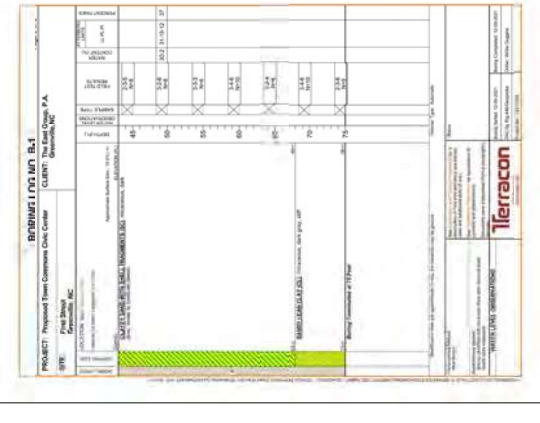
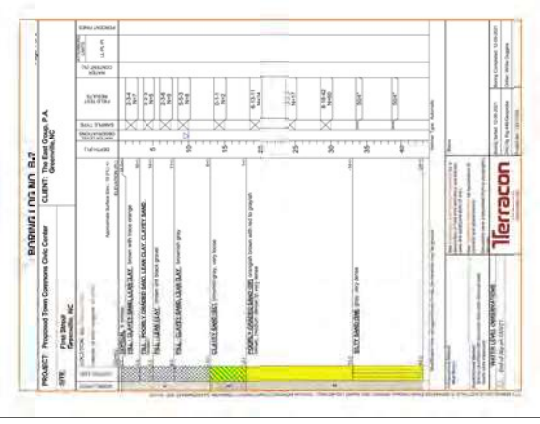
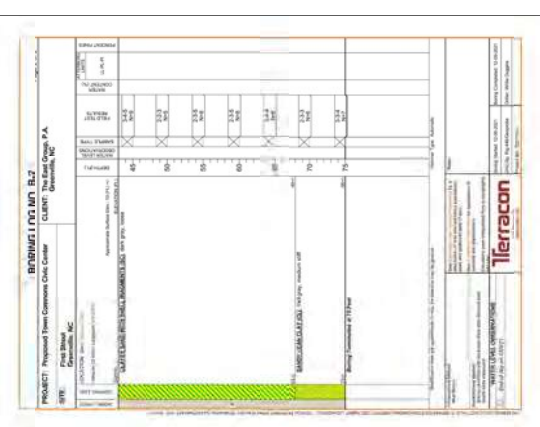
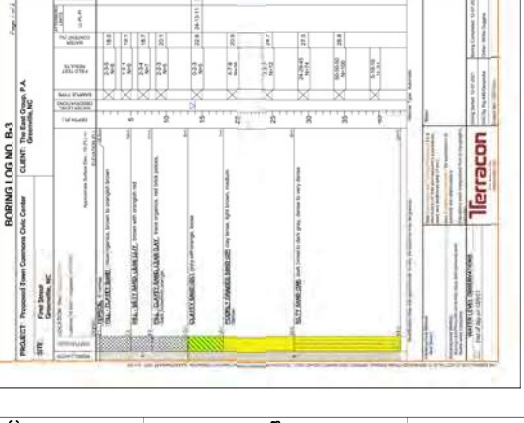
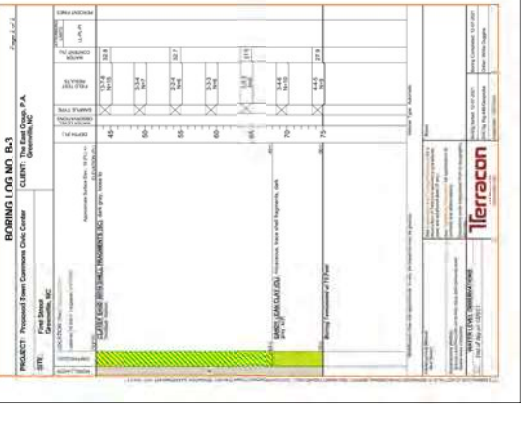
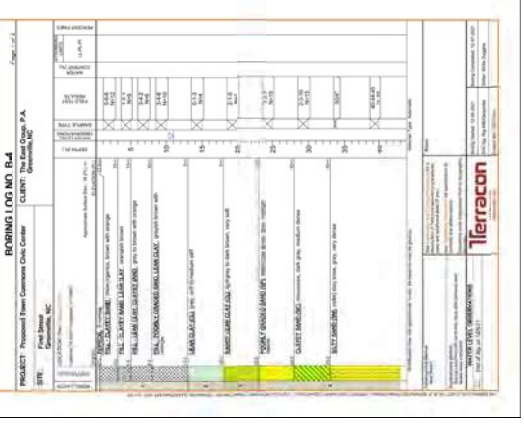
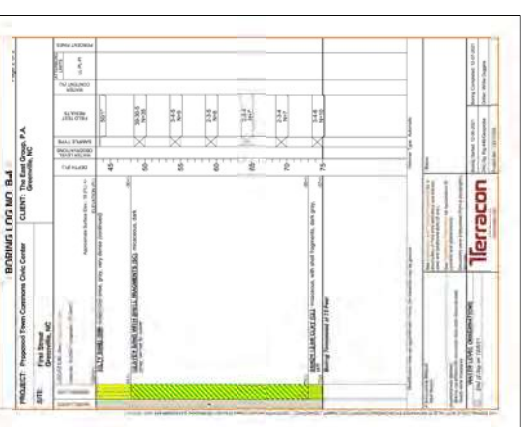
INDEX: 13 OF 114

BEAL

BEAL

BEAL

BEAL



DATE: 02/07/2025
DRAWN BY: J. JACOBSON
CHECKED BY: J. JACOBSON
PROJECT: GREENVILLE TOWN COMMON & ESPLANADE PROJECT
SHEET 1 OF 2

GREENVILLE TOWN COMMON & ESPLANADE PROJECT
SHEET 1 OF 2





GREENVILLE
PLANNING & ENGINEERING

NO.	DATE	DESCRIPTION
1	02/21/2025	ISSUED FOR BID
2	02/21/2025	ISSUED FOR BID
3	02/21/2025	ISSUED FOR BID
4	02/21/2025	ISSUED FOR BID
5	02/21/2025	ISSUED FOR BID

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

SHEET 1 OF 4

DATE: 02/21/2025
DRAWN BY: J. JACOBSON
CHECKED BY: J. JACOBSON
SCALE: AS SHOWN
SHEET: 1 OF 4

PROJECT NO: 2025-02-07
SHEET NO: 101
SHEET TOTAL: 114



02/21/2025

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

SHEET
Reference No.
D-101
INDEX: 15 OF 114

- NOTES:
1. QUANTITIES SHOWN ARE FOR THIS SHEET ONLY.
 2. QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES PRIOR TO REMOVAL.
 3. REFER TO V-SHEETS FOR SURVEY NOTES.
 4. COORDINATE REMOVAL OF MEASUREMENT INSTRUMENTS WITH USGS.
 5. INSTALL EROSION CONTROL & TREE PROTECTION DEVICES PRIOR TO COMMENCING DEMOLITION (SEE SHEETS CE101, CE102, & CE301 THRU CE304).

DEMOLITION LEGEND:

DEMOLISH & DISPOSE OF OBJECT

DEMOLISH & DISPOSE OF LIGHTPOLE (SHALL COORDINATE W/ GREENVILLE UTILITY COMMISSION PRIOR TO REMOVAL)

DEMOLISH & DISPOSE OF CONCRETE SIDEWALK BULKHEAD

PARTIALLY DEMOLISH & DISPOSE OF STEEL

DEMOLISH & DISPOSE OF BRICK RETAINING WALL

GRADING DISTURBANCE AREA (REMOVE EXIST. VEGETATION AS NEEDED)

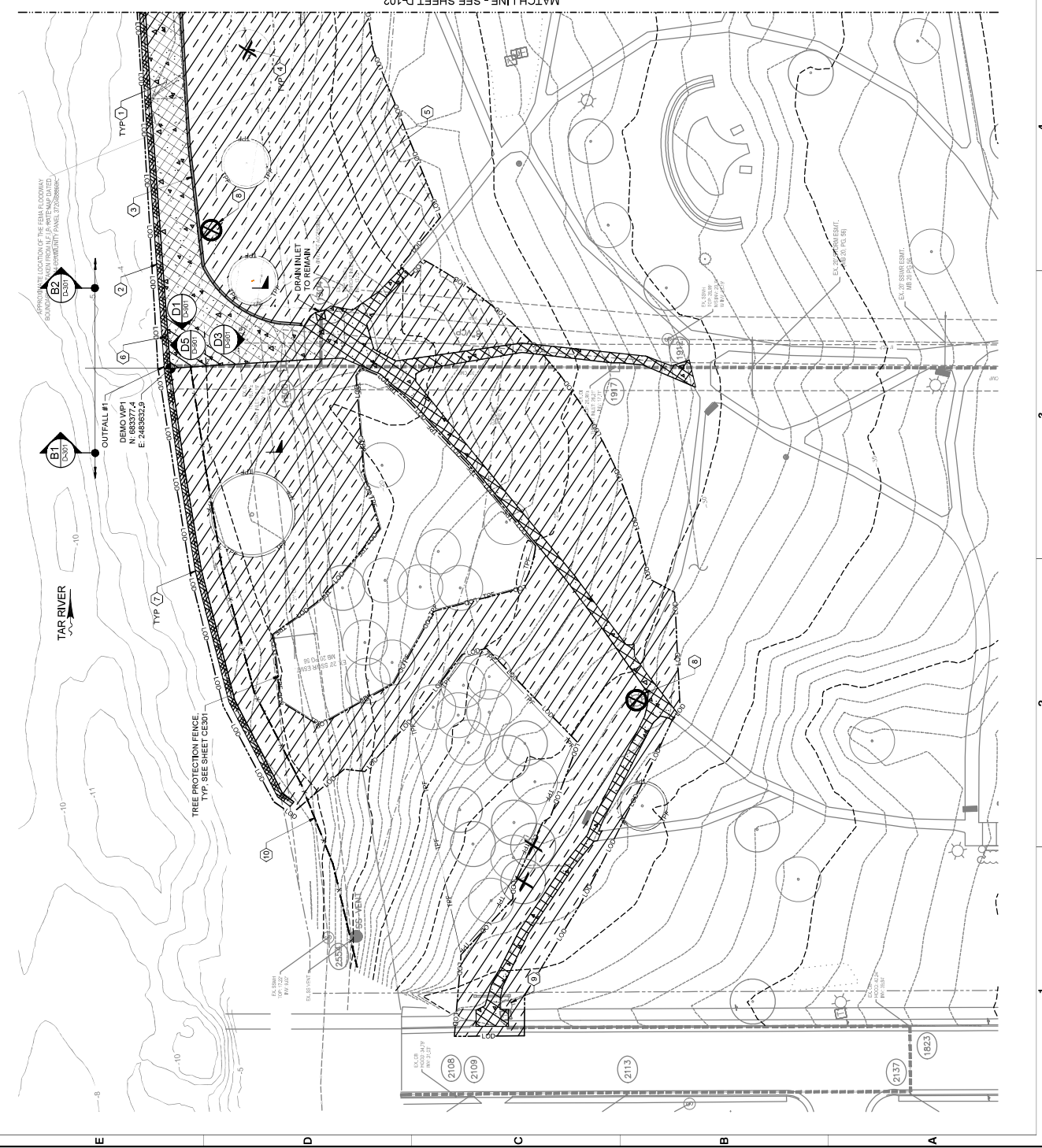
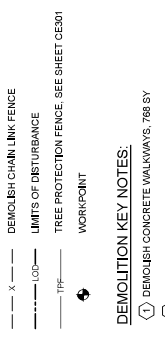
DEMOLISH CHAIN LINK FENCE

LIMITS OF DISTURBANCE

TREE PROTECTION FENCE. SEE SHEET CE301

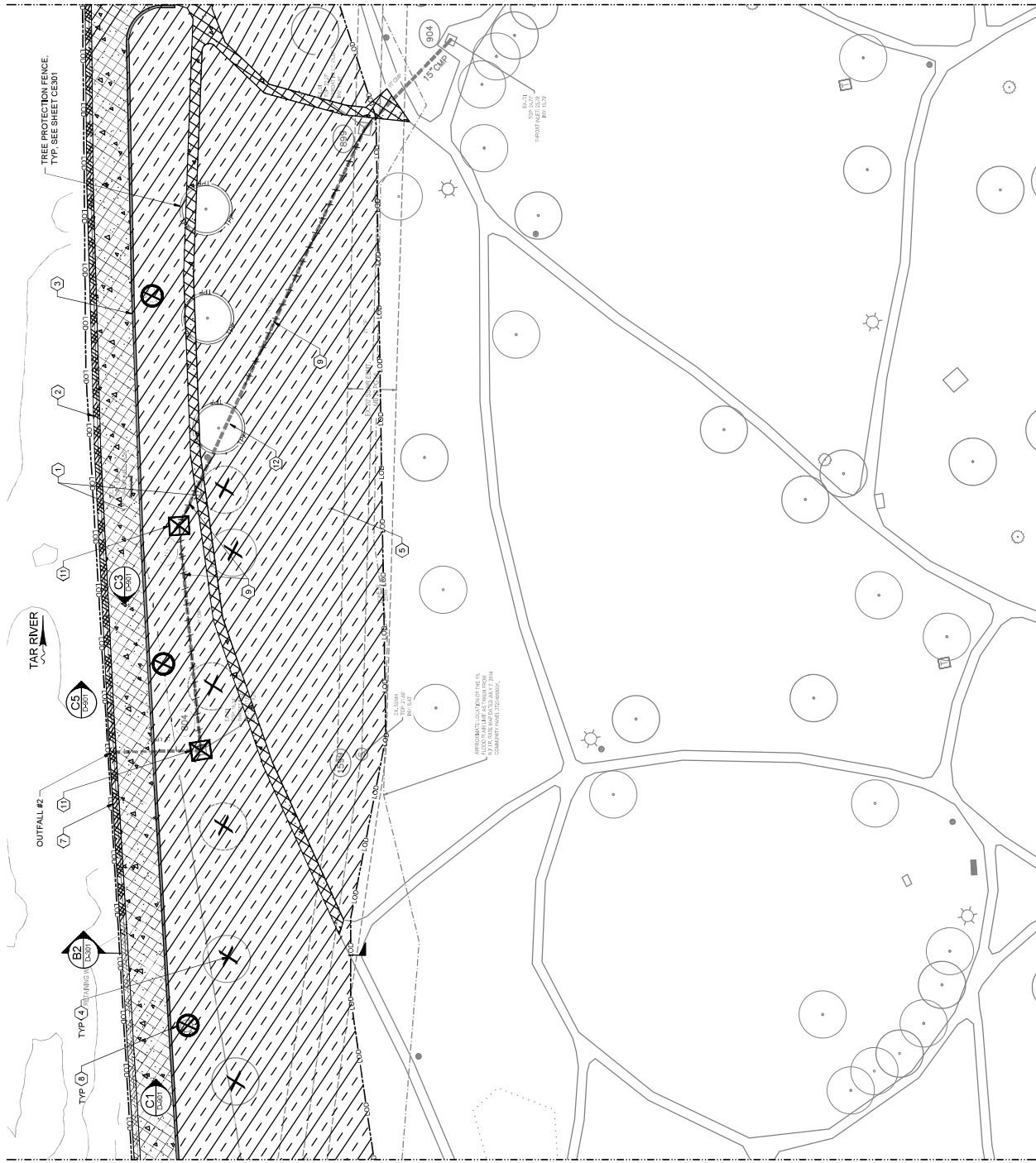
WORKPOINT

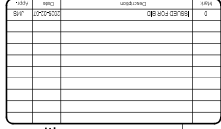
- DEMOLITION KEY NOTES:**
1. DEMOLISH CONCRETE WALKWAYS, 769 SY
 2. PARTIALLY DEMOLISH SHEET PILE BULKHEAD, 395 LF
 3. DEMOLISH BRICK RETAINING WALL, 185 LF
 4. DEMOLISH TREE, 3 EA
 5. EXCAVATION AREA, 36,365 SQ FT
 6. TEMPORARILY REMOVE USGS GAUGE & RE-INSTALL. SEE NOTE 4, 1 EA
 7. DEMOLISH METAL HANDRAIL WITH CHAIN LINK MESH, 395 LF
 8. REMOVE & DISPOSE OF POLE LUMINAIRE AND FOUNDATION. PULL BACK CONDUCTORS TO NEAREST UPSTREAM DEVICE OUTSIDE DEMO LIMITS. REMOVE CONDUIT BACK TO LIMIT OF DEMOLITION AND CAP, 2 EA
 9. REMOVE & DISPOSE OF POLE FOUNDATION, REMOVE & SALVAGE POLE LUMINAIRE, CONDUIT AND CONDUCTORS FOR REUSE, 1 EA
 10. DEMOLISH CHAIN LINK FENCE, 272 LF



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

C
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING





Rev.	0	Project No.	221315-02	code:		Scale: AS SHOWN	Sheet: 1:1 (D SHEET)
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Company	4170 WALTS OF NEWBURG RD, SUITE 100 MADISON, NJ 07093	Company	234 RAVEN ST NEWARK, NJ 07102
Owner	CHAMBERS, JAMES	Owner	CHAMBERS, JAMES
Manager	CHAMBERS, JAMES	Manager	CHAMBERS, JAMES
Address	4170 WALTS OF NEWBURG RD, SUITE 100 MADISON, NJ 07093	Address	234 RAVEN ST NEWARK, NJ 07102
Phone	908-666-1111	Phone	908-666-1111
Website	www.chambers.com	Website	www.chambers.com



Sheet
Reference No.
D-103

DEMOLITION LEGEND:

- 
 --- LOD ---
 --- TPF ---
 [X]
 DEMOLISH & DISPOSE OF DROP INLET

- ① DEMOLISH CONCRETE WALKWAYS, 107 SY
- ② PARTIALLY DEMOLISH SHEET PILE BULKHEAD, 476 LF
- ③ DEMOLISH BRICK RETAINING WALL, 476 LF
- ④ DEMOLISH TREE, 9 EA
- ⑤ EXCAVATION AREA, 59.70 SQFT
- ⑥ DEMOLISH METAL HANDRAIL WITH CHAINLINK MESH, 476 LF
- ⑦ DEMOLISH POLE, LUMINAIRE AND FOUNDATION, PULL BACK CONDUCTORS TO NEAREST UPSTREAM DEPOSE OUTSIDE DEMO LIMITS, REMOVE CONDUIT BACK TO LIMIT OF DEMOLITION CAP, 3 EA
- ⑧ DEMOLISH STORM DRAINAGE PIPE, 183 LF
- ⑨ DEMOLISH & DEPOSE OF DROP INLET, 2 EA
- ⑩ DEMOLISH & DEPOSE OF GRAVEL DRIVE, 422 SY
- ⑪ DEMOLISH & DEPOSE OF ASPHALT PATH, 133 SY
- ⑫ DEMOLISH & DEPOSE OF STAIRS

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

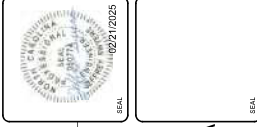
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DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING



NO.	DESCRIPTION	DATE
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2	ISSUED FOR CONSTRUCTION	2025-02-07
3	ISSUED FOR CONSTRUCTION	2025-02-07
4	ISSUED FOR CONSTRUCTION	2025-02-07
5	ISSUED FOR CONSTRUCTION	2025-02-07
6	ISSUED FOR CONSTRUCTION	2025-02-07
7	ISSUED FOR CONSTRUCTION	2025-02-07
8	ISSUED FOR CONSTRUCTION	2025-02-07
9	ISSUED FOR CONSTRUCTION	2025-02-07
10	ISSUED FOR CONSTRUCTION	2025-02-07

DEMOLITION PLAN
GREENVILLE TOWN COMMON
& ESPLANADE PROJECT
SHEET 4 OF 4

NO. 1	DESCRIPTION	DATE
1	ISSUED FOR BID	2025-02-07
2	ISSUED FOR CONSTRUCTION	2025-02-07
3	ISSUED FOR CONSTRUCTION	2025-02-07
4	ISSUED FOR CONSTRUCTION	2025-02-07
5	ISSUED FOR CONSTRUCTION	2025-02-07
6	ISSUED FOR CONSTRUCTION	2025-02-07
7	ISSUED FOR CONSTRUCTION	2025-02-07
8	ISSUED FOR CONSTRUCTION	2025-02-07
9	ISSUED FOR CONSTRUCTION	2025-02-07
10	ISSUED FOR CONSTRUCTION	2025-02-07



Sheet
Reference No.
D-104
INDEX: 16 OF 114

- NOTES:
1. QUANTITIES SHOWN ARE FOR THIS SHEET ONLY.
 2. QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES PRIOR TO REMOVAL.
 3. REFER TO V-SHEETS FOR SURVEY NOTES.
 4. INSTALL EROSION CONTROL & TREE PROTECTION DEVICES PRIOR TO COMMENCING DEMOLITION (SEE SHEETS CE101, CE102, & CE301 THRU CE304).

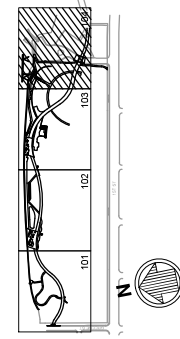
DEMOLITION LEGEND:

- DEMOLISH & DISPOSE OF OBJECT
DEMOLISH & DISPOSE OF LIGHTPOLE (SHALL COORDINATE W/ GREENVILLE UTILITY COMMISSION PRIOR TO REMOVAL)
DEMOLISH & DISPOSE OF CONCRETE SIDEWALK BULKHEAD
PARTIALLY DEMOLISH & DISPOSE OF STEEL
DEMOLISH & DISPOSE OF BRICK RETAINING WALL
GRADING DISTURBANCE AREA (REMOVE EXIST. VEGETATION AS NEEDED)
DEMOLISH & DISPOSE OF ASPHALT PATH & ROADWAY
DEMOLISH & DISPOSE OF CURB & GUTTER
LIMITS OF DISTURBANCE
TREE PROTECTION FENCE
WORKPOINT

DEMOLITION KEY NOTES:

- 1 DEMOLISH CONCRETE WALKWAYS, 486 SY
- 2 PARTIALLY DEMOLISH SHEET PILE BULKHEAD, 295 LF
- 3 DEMOLISH BRICK RETAINING WALL, 238 LF
- 4 DEMOLISH TREE, 3 EA
- 5 EXCAVATION AREA, 48,274 SQFT
- 6 DEMOLISH METAL HANDRAIL WITH CHAINLINK MESH, 255 LF
- 7 DEMOLISH POLE, LUMINAIRE AND FOUNDATION, PULL BACK CONDUITS TO NEAREST UPSTREAM DEVICE OUTSIDE DEMO LIMITS, REMOVE CONDUIT BACK TO LIMIT OF DEMOLITION AND CAP, 1 EA
- 8 DEMOLISH & DISPOSE OF ASPHALT PATH & ROADWAY, 866 SY
- 9 DEMOLISH & DISPOSE OF CONC CURB & GUTTER, 267 LF

KEY PLAN



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ISSUED: 2025-02-07
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MATCH LINE - SEE SHEET D-103

MATCH LINE - SEE SHEET D-401



Date:	2025-02-07	Rev:	0
MSN Project No.		221315-02	
Drawing code:			
Drawing scale: AS SHOWN		Sheet number: 1:1 (D SHEET)	

 Moffatt & Nichol 4100 FALLS OF NEUSE RD. SUITE 300 WASHINGTON, NC 27608 919-491-4208 NC FIRM LICENSE NO. F-1055	Prepared By: J. SWANBERG Date: 01/29/2015 Name:	THE EAST GROUP  324 EVANS ST WASHINGTON, NC 27604 NC ENGINEERING FIRM LICENSE NO. C-02089 NC LANDSCAPE FIRM LICENSE NO. C-473	Approved By: J. SWANBERG Date: 01/29/2015 Name:
---	---	---	---



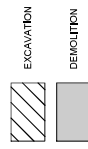
Sheet
Reference No.
D-301

5

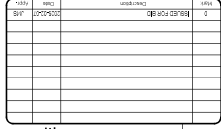


- NOTES:**
1. PRIOR TO THE DEMOLITION OF THE BRICK RETAINING WALL EXCAVATE THE FILL BEHIND THE WALL. CONTRACTOR SHALL STABILIZE WALL DURING DEMOLITION.
 2. DEMOLISH EXISTING BULKHEAD LADDER, WHERE PRESENT, TO SAME ELEVATION AS BULKHEAD DEMOLITION.
 3. INSTALL NEW BULKHEAD PRIOR TO DEMOLITION OF EXISTING BULKHEAD. REFER TO GENERAL SHEETS FOR CONSTRUCTION SEQUENCE.

LEGEND:

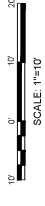
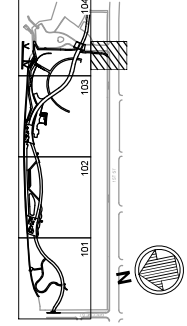


C
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING

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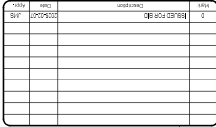
Sheet
Reference No.
D-401

5 EXCAVATION AREA, 1,942 SQFT
14 DEMOLISH & DISPOSE OF ASPHALT PATH & ROADWAY, 8 SY
18 DEMOLISH & DISPOSE OF CONC CURB & GUTTER, 5 LF



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DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING



GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

[illegible]

Sheet
Reference No.
D-901

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

C
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING



D1 DEMOLITION PHOTOGRAPH
D-101 SCALE: NTS



C1 DEMOLITION PHOTOGRAPH
D-102 SCALE: NTS



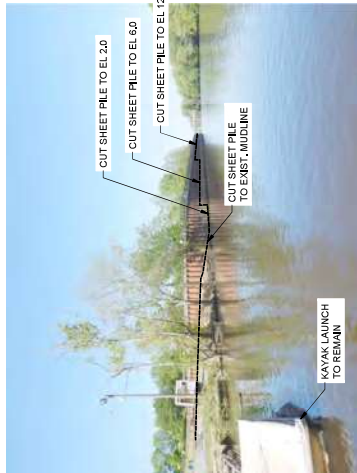
A1 DEMOLITION PHOTOGRAPH
D-103 SCALE: NTS



D3 DEMOLITION PHOTOGRAPH
D-101 SCALE: NTS



C3 DEMOLITION PHOTOGRAPH
D-102 SCALE: NTS



A3 DEMOLITION PHOTOGRAPH
D-104 SCALE: NTS



D5 DEMOLITION PHOTOGRAPH
D-101 SCALE: NTS



C5 DEMOLITION PHOTOGRAPH
D-102 SCALE: NTS



A5 DEMOLITION PHOTOGRAPH
D-104 SCALE: NTS

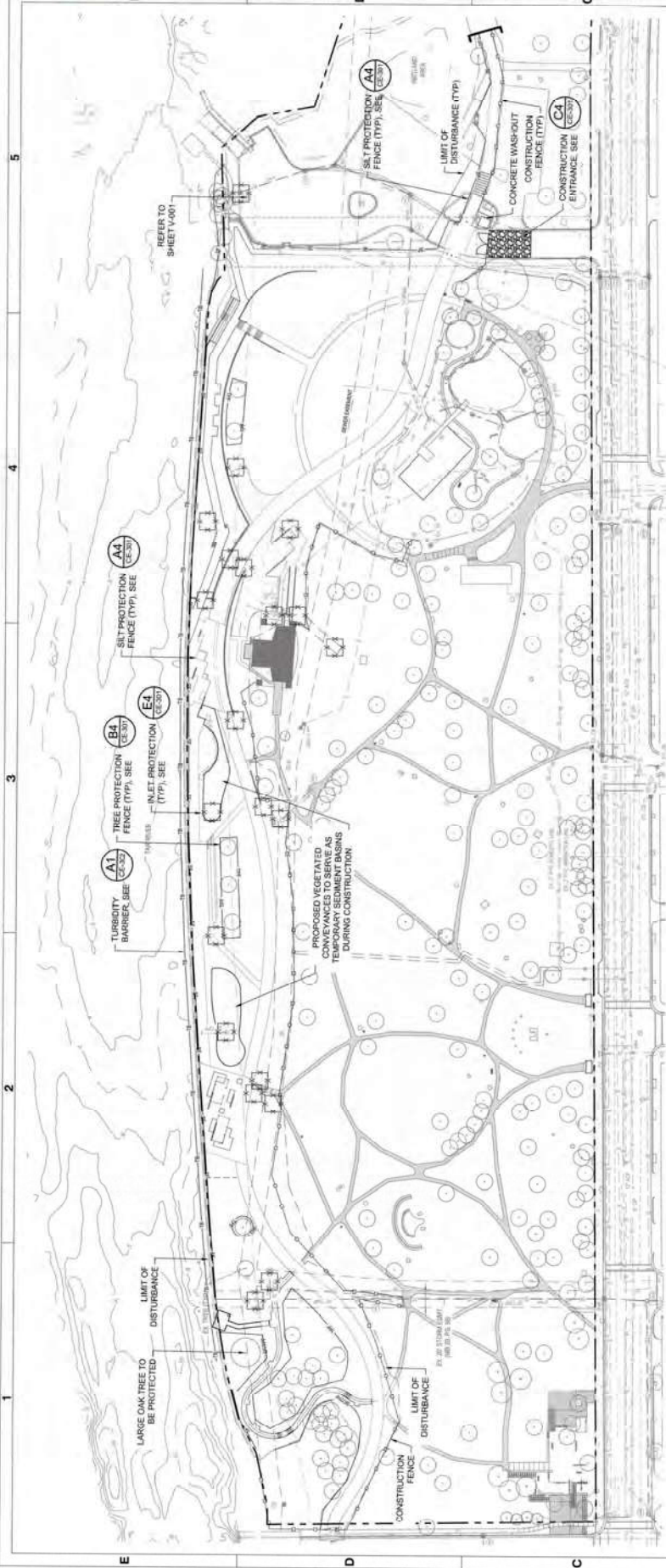


OWNER / DEVELOPER
CITY OF GREENVILLE
2000 CEDAR LANE
GREENVILLE, NC 27608

CONTACT MARK NOTTINGHAM PARKS PLANNER
252-328-4242
mnotting@cityofgreenville.org

ISSUED FOR BID
ISSUED: 2025-02-07
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DRAWING SCALES SHOWN BASED ON 24" QTR DRAWING

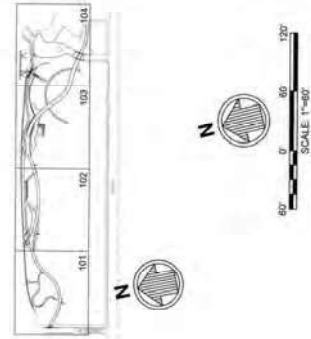


EROSION CONTROL LEGEND:

- SILT FENCE
- TREE PROTECTION FENCE
- TURBIDITY BARRIER
- INLET PROTECTION
- CONSTRUCTION FENCE / LIMITS OF DISTURBANCE

CONSTRUCTION TO BE PHASED:

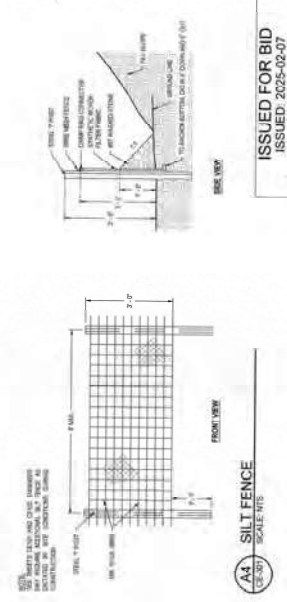
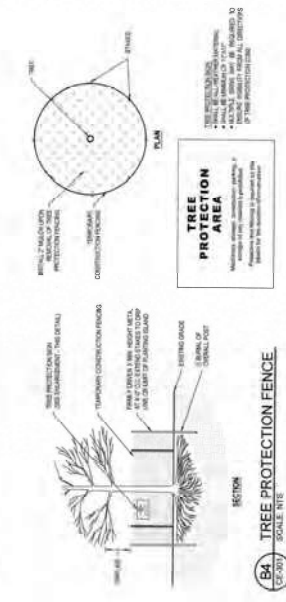
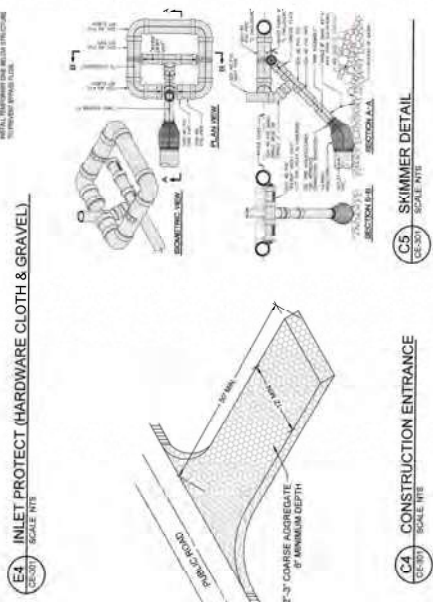
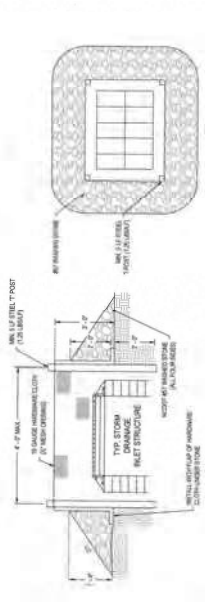
FORTHCOMING CONSTRUCTION COSTS PLAN TO BE DEVELOPED IN COORDINATION WITH CITY OF GREENVILLE RECREATION & PARKS DEPARTMENT. WORK WILL BE PHASED IN ACCORDANCE WITH CONSTRUCTION LOGISTICS PLAN.



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ISSUED: 2025-02-07

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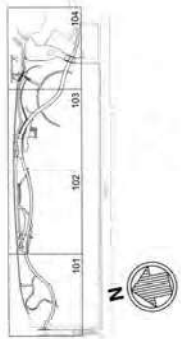


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GRADING NOTES

1. ALL VEGETATION AND TOPSOIL SHALL BE PLACED IN ACCORDANCE WITH THE SPECIFICATIONS WITHIN 14 DAYS OF COMPLETION OF GRADING WORK. ANY REMAINING VEGETATION SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO THE START OF THE GRADING WORK.
2. AFTER STRIPPING TOPSOIL AND PRIOR TO PLACING FILL IT IS RECOMMENDED THAT ALL BUILDING, DRIVEWAYS AND DRIVEWAYS BE PROTECTED WITH A 12\"/>
3. CONTRACTOR SHALL CONTACT THE ENGINEER AND SCHEDULE A PROOF ROLL FOR SURGRADE AND WHEN AGGREGATE BASE COURSE HAS BEEN INSTALLED ALL FILL SHALL BE COMPACTED TO AT LEAST 95% OF THE THEORETICAL MAXIMUM DRY DENSITY (ASTM D698).
4. ALL CUT LEFT CLEANOUT MUST BE DONE SUCH THAT THE CUT IS PROTECTED FROM EROSION BY BLOWN OR STREAM FOR CLEANUP UNDER NO CIRCUMSTANCES SHALL STORMWATER BE BLOWN DOWNSTREAM.
5. GRADING CONTRACTOR SHALL TEMPORARY REED AND MAINTAIN UNDISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS WITHIN 14 DAYS OF COMPLETION OF GRADING WORK. ANY REMAINING VEGETATION SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO THE START OF THE GRADING WORK.
6. ALL EXCESS TOPSOIL, STORMWATER MATERIAL TO BE HAULED OFF-SITE AND DISPOSED OF AT AN APPROVED SITE.
7. ALL PLANTING AREAS SHALL BE BACKFILLED WITH TOPSOIL, A RAKED DOWN, REMOVING ALL CLOSING AND ROOTS, AND LEFT READY FOR SEEDING & PLANTING.
8. ALL DEWATERING OPERATIONS SHALL BE FILTERED PRIOR TO LEAVING THE SITE.
9. CONTRACTOR TO CONTACT GUC (282-555-1451) TO SCHEDULE INSPECTION OF ALL STORM PIPE / SEWER MAIN CROSSINGS.



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Greenville
NORTH CAROLINA

NO.	DESCRIPTION	DATE
1	2025-02-07	2025-02-07
2	2025-02-07	2025-02-07
3	2025-02-07	2025-02-07
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8	2025-02-07	2025-02-07
9	2025-02-07	2025-02-07
10	2025-02-07	2025-02-07

OVERALL GRADING & DRAINAGE PLAN
GREENVILLE TOWN COMMONS
& ESPLANADE PROJECT

PROJECT INFORMATION

PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & ESPLANADE PROJECT
PROJECT LOCATION	101-105 S. 10TH ST. GREENVILLE, NC 27601
PROJECT OWNER	GREENVILLE TOWN COMMONS
PROJECT ENGINEER	MOFFITT & NICHOL
PROJECT ARCHITECT	MOFFITT & NICHOL
PROJECT LANDSCAPE ARCHITECT	MOFFITT & NICHOL
PROJECT CIVIL ENGINEER	MOFFITT & NICHOL
PROJECT ELECTRICAL ENGINEER	MOFFITT & NICHOL
PROJECT MECHANICAL ENGINEER	MOFFITT & NICHOL
PROJECT PLUMBING ENGINEER	MOFFITT & NICHOL
PROJECT STRUCTURAL ENGINEER	MOFFITT & NICHOL
PROJECT TRAFFIC ENGINEER	MOFFITT & NICHOL
PROJECT ENVIRONMENTAL ENGINEER	MOFFITT & NICHOL
PROJECT HISTORIC PRESERVATION ENGINEER	MOFFITT & NICHOL
PROJECT OTHER ENGINEER	MOFFITT & NICHOL

MOFFITT & NICHOL
101-105 S. 10TH ST. GREENVILLE, NC 27601
TEL: 252-333-1111
WWW.MOFFITTANDNICHOL.COM

GREENVILLE TOWN COMMONS
101-105 S. 10TH ST. GREENVILLE, NC 27601
TEL: 252-333-1111
WWW.GREENVILLETOWNCOMMONS.COM

CG100
INDEX 33 OF 114



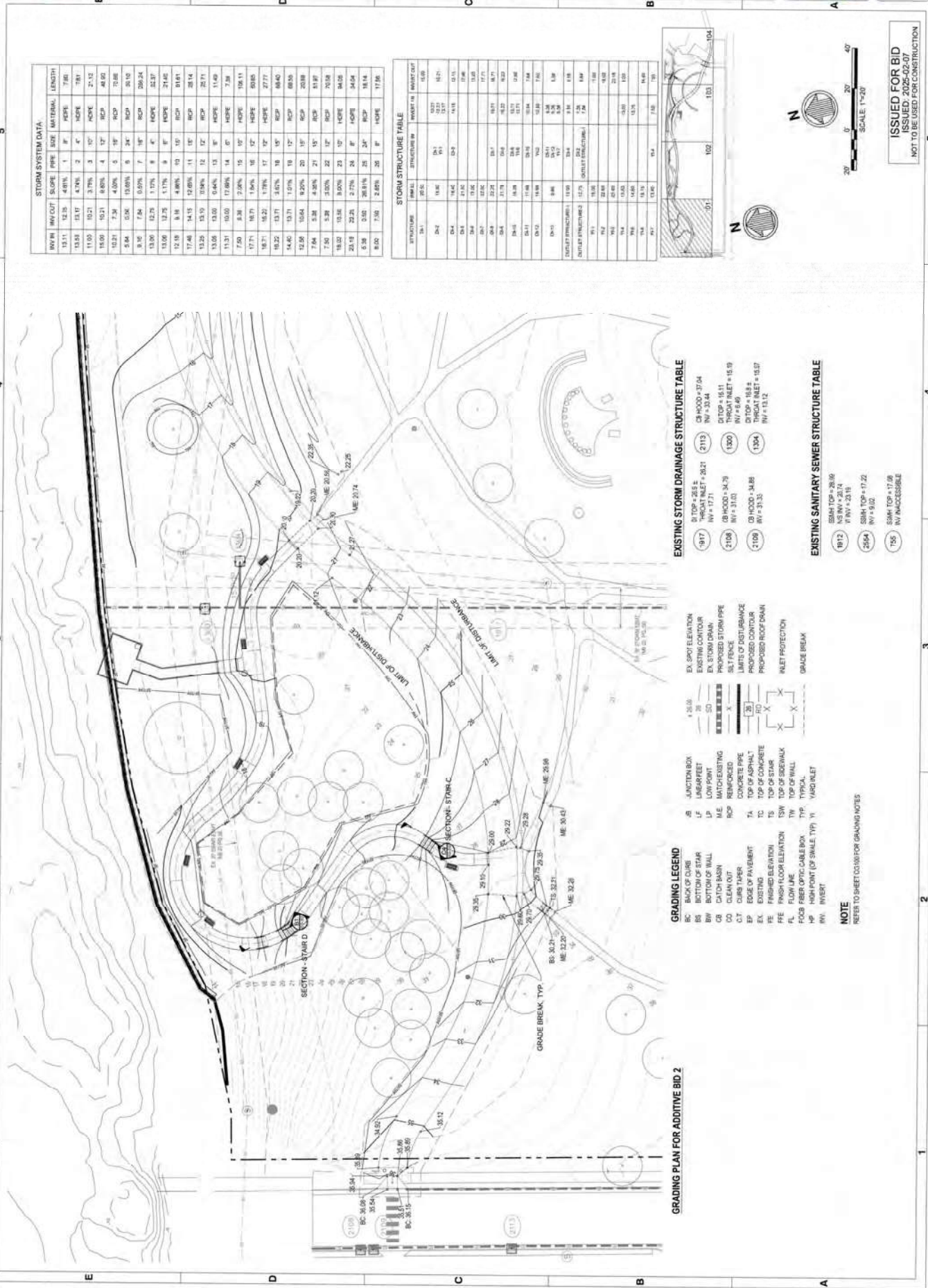
STORM STRUCTURE TABLE			
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39.4	16.00	16.00	11.00
39.5	16.00	16.00	11.00
39.6	16.00	16.00	11.00
39.7	16.00	16.00	11.00
39.8	16.00	16.00	11.00
39.9	16.00	16.00	11.00
40.0	16.00	16.00	11.00
40.1	16.00	16.00	11.00
40.2	16.00	16.00	11.00
40.3	16.00	16.00	11.00
40.4	16.00	16.00	11.00
40.5	16.00	16.00	11.00
40.6	16.00	16.00	11.00
40.7	16.00	16.00	11.00
40.8	16.00	16.00	11.00
40.9	16.00	16.00	11.00
41.0	16.00	16.00	11.00
41.1	16.00	16.00	11.00
41.2	16.00	16.00	11.00
41.3	16.00	16.00	11.00
41.4	16.00	16.00	11.00
41.5	16.00	16.00	11.00
41.6	16.00	16.00	11.00
41.7	16.00	16.00	11.00
41.8	16.00	16.00	11.00
41.9	16.00	16.00	11.00
42.0	16.00	16.00	11.00
42.1	16.00	16.00	11.00
42.2	16.00	16.00	11.00
42.3	16.00	16.00	11.00
42.4	16.00	16.00	11.00
42.5	16.00	16.00	11.00
42.6	16.00	16.00	11.00
42.7	16.00	16.00	11.00
42.8	16.00	16.00	11.00
42.9	16.00	16.00	11.00
43.0	16.00	16.00	11.00
43.1	16.00	16.00	11.00
43.2	16.00	16.00	11.00
43.3	16.00	16.00	11.00
43.4	16.00	16.00	11.00
43.5	16.00	16.00	11.00
43.6	16.00	16.00	11.00
43.7	16.00	16.00	11.00
43.8	16.00	16.00	11.00
43.9	16.00	16.00	11.00
44.0	16.00	16.00	11.00
44.1	16.00	16.00	11.00
44.2	16.00	16.00	11.00
44.3	16.00	16.00	11.00
44.4	16.00	16.00	11.00
44.5	16.00	16.00	11.00
44.6	16.00	16.00	11.00
44.7	16.00	16.00	11.00
44.8	16.00	16.00	11.00
44.9	16.00	16.00	11.00
45.0	16.00	16.00	11.00
45.1	16.00	16.00	11.00
45.2	16.00	16.00	11.00
45.3	16.00	16.00	11.00
45.4	16.00	16.00	11.00
45.5	16.00	16.00	11.00
45.6	16.00	16.00	11.00
45.7	16.00	16.00	11.00
45.8	16.00	16.00	11.00
45.9	16.00	16.00	11.00
46.0	16.00	16.00	11.00
46.1	16.00	16.00	11.00
46.2	16.00	16.00	11.00
46.3	16.00	16.00	11.00
46.4	16.00	16.00	11.00
46.5	16.00	16.00	11.00
46.6	16.00	16.00	11.00
46.7	16.00	16.00	11.00
46.8	16.00	16.00	11.00
46.9	16.00	16.00	11.00
47.0	16.00	16.00	11.00
47.1	16.00	16.00	11.00
47.2	16.00	16.00	11.00
47.3	16.00	16.00	11.00
47.4	16.00	16.00	11.00
47.5	16.00	16.00	11.00
47.6	16.00	16.00	11.00
47.7	16.00	16.00	11.00
47.8	16.00	16.00	11.00
47.9	16.00	16.00	11.00
48.0	16.00	16.00	11.00
48.1	16.00	16.00	11.00
48.2	16.00	16.00	11.00
48.3	16.00	16.00	11.00
48.4	16.00	16.00	11.00
48.5	16.00	16.00	11.00
48.6	16.00	16.00	11.00
48.7	16.00	16.00	11.00
48.8	16.00	16.00	11

1917	THROAT INLET = 26.21 INV = 17.71	CB HO2O = 37.04 INV = 33.44
2108	CB HO2O = 34.78 INV = 31.33	DI TOP = 16.11 THROAT INLET = 15.19 INV = 8.49
2109	CB HO2O = 34.86 INV = 31.33	DI TOP = 16.8 ± THROAT INLET = 15.97 INV = 13.12

1912	SSMH TOP = 28.96 NUS INV = 20.74 W INV = 23.19
2554	SSMH TOP = 17.22 INV = 9.92
755	SSMH TOP = 17.08 INV UNACCESSIBLE

NOTE
REFER TO SHEET CG100 FOR GRADING NOTES







NO.	DESCRIPTION	DATE
1	DESIGNED BY	
2	CHECKED BY	
3	APPROVED BY	
4	DATE	

GRADING & DRAINAGE PLAN (CENTER-WEST)

NO.	DESCRIPTION	DATE
1	DESIGNED BY	
2	CHECKED BY	
3	APPROVED BY	
4	DATE	

GREENVILLE TOWN COMMISSION
PLANNING & ZONING DEPARTMENT
100 SOUTH MAIN STREET, 3RD FLOOR
GREENVILLE, SC 29601
TEL: 864.606.1234
WWW.GREENVILLE-SC.gov



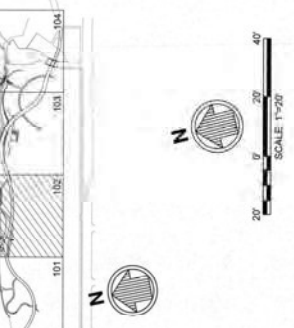
Sheet
Reference No.
CG-102
INDEX 35 OF 114

STORM SYSTEM DATA						
IN/IN	IN/OUT	SLOPE	PIPE	SIZE	MATERIAL	LENGTH
15.11	12.75	4.01%	3'	8"	HDPE	7.80
15.53	13.17	4.24%	2'	4"	HDPE	7.81
11.00	10.21	2.76%	3'	12"	HDPE	21.12
15.00	10.21	9.80%	4'	12"	RCP	46.90
16.21	7.38	4.05%	5'	12"	RCP	70.86
8.84	0.50	10.65%	5'	24"	RCP	38.10
5.16	7.84	8.50%	7'	36"	RCP	38.24
15.00	12.75	1.25%	8'	4"	HDPE	22.31
15.00	12.75	1.75%	9'	4"	HDPE	21.40
15.15	9.16	4.88%	10'	18"	RCP	51.51
17.46	14.15	12.65%	11'	18"	RCP	26.14
12.26	13.10	0.68%	12'	12"	RCP	25.71
10.05	13.00	5.44%	12'	8"	HDPE	17.63

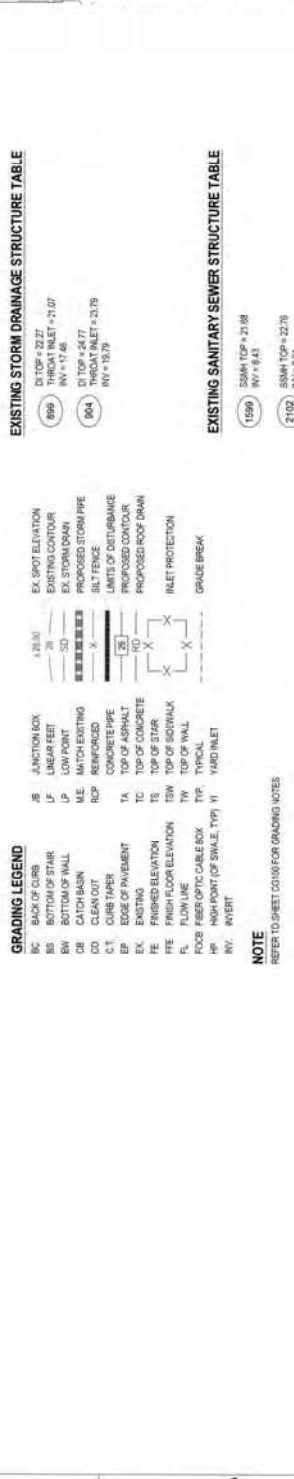
STORM STRUCTURE TABLE				
STRUCTURE	NO.	STRUCTURE IN	STRUCTURE OUT	INVERT ELEV.
1	1	1	1	15.11
2	2	2	2	15.53
3	3	3	3	11.00
4	4	4	4	15.00
5	5	5	5	16.21
6	6	6	6	8.84
7	7	7	7	5.16
8	8	8	8	15.00
9	9	9	9	15.00
10	10	10	10	15.15
11	11	11	11	17.46
12	12	12	12	12.26
13	13	13	13	10.05
14	14	14	14	11.31
15	15	15	15	7.60
16	16	16	16	12.71
17	17	17	17	15.71
18	18	18	18	16.22
19	19	19	19	14.40
20	20	20	20	15.68
21	21	21	21	7.64
22	22	22	22	7.60
23	23	23	23	10.02
24	24	24	24	5.38
25	25	25	25	6.00

EXISTING STORM DRAINAGE STRUCTURE TABLE				
STRUCTURE	NO.	STRUCTURE IN	STRUCTURE OUT	INVERT ELEV.
1	1	1	1	15.11
2	2	2	2	15.53
3	3	3	3	11.00
4	4	4	4	15.00
5	5	5	5	16.21
6	6	6	6	8.84
7	7	7	7	5.16
8	8	8	8	15.00
9	9	9	9	15.00
10	10	10	10	15.15
11	11	11	11	17.46
12	12	12	12	12.26
13	13	13	13	10.05
14	14	14	14	11.31
15	15	15	15	7.60
16	16	16	16	12.71
17	17	17	17	15.71
18	18	18	18	16.22
19	19	19	19	14.40
20	20	20	20	15.68
21	21	21	21	7.64
22	22	22	22	7.60
23	23	23	23	10.02
24	24	24	24	5.38
25	25	25	25	6.00

EXISTING SANITARY SEWER STRUCTURE TABLE				
STRUCTURE	NO.	STRUCTURE IN	STRUCTURE OUT	INVERT ELEV.
1	1	1	1	15.11
2	2	2	2	15.53
3	3	3	3	11.00
4	4	4	4	15.00
5	5	5	5	16.21
6	6	6	6	8.84
7	7	7	7	5.16
8	8	8	8	15.00
9	9	9	9	15.00
10	10	10	10	15.15
11	11	11	11	17.46
12	12	12	12	12.26
13	13	13	13	10.05
14	14	14	14	11.31
15	15	15	15	7.60
16	16	16	16	12.71
17	17	17	17	15.71
18	18	18	18	16.22
19	19	19	19	14.40
20	20	20	20	15.68
21	21	21	21	7.64
22	22	22	22	7.60
23	23	23	23	10.02
24	24	24	24	5.38
25	25	25	25	6.00



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



NOTE
REFER TO SHEET CG-101 FOR GRADING NOTES

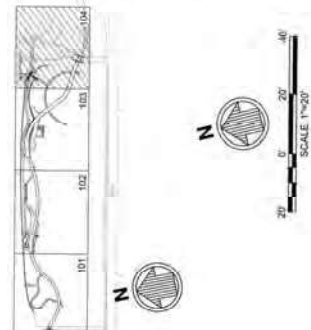
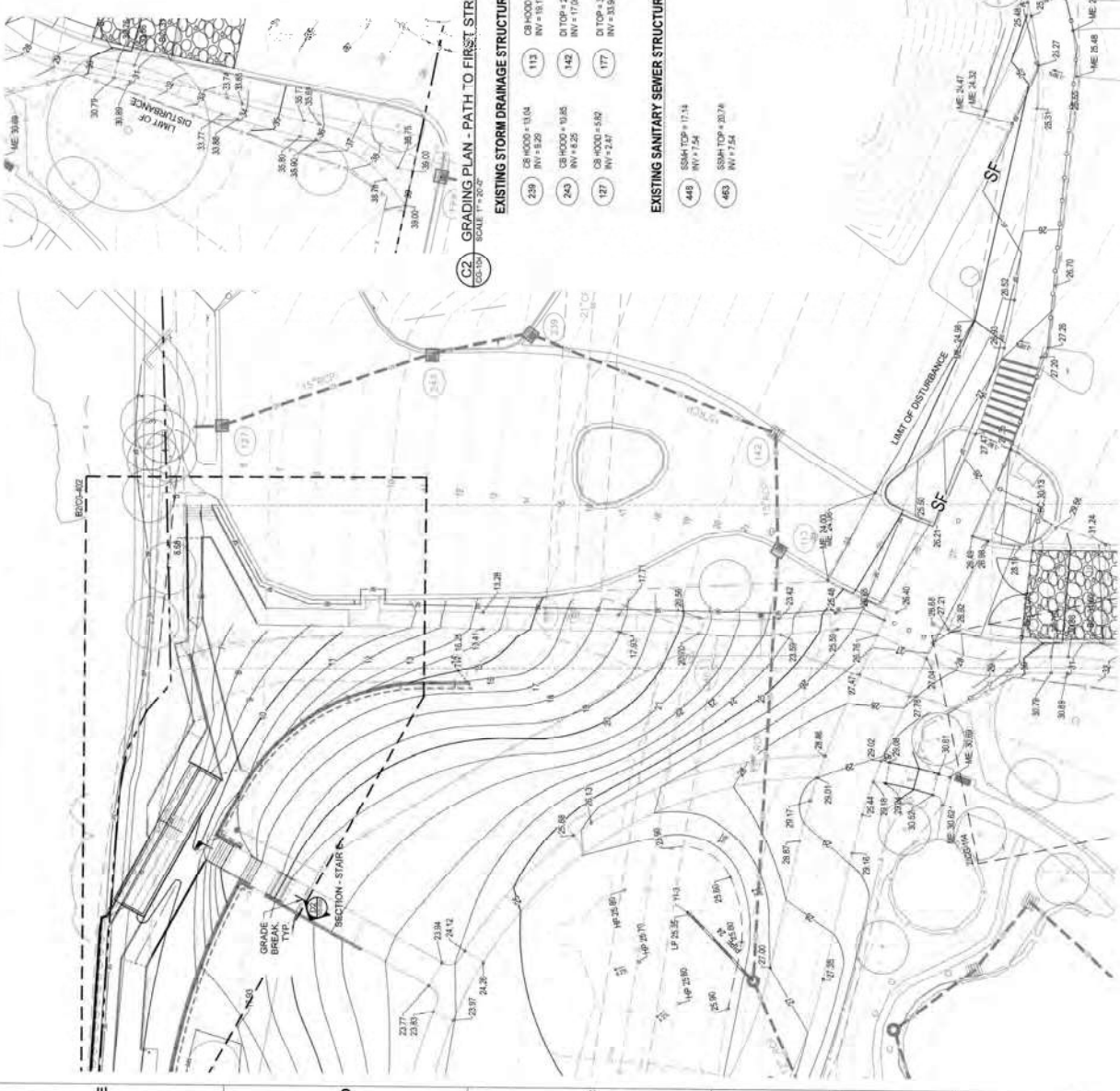
STORM STRUCTURE TABLE 6				WATER FLOW	
STRUCTURE	INLET	STRUCTURE IN	STRUCTURE NO.	WATER IN	WATER OUT
30-1	20-10	2-1	2-2	10.2	10.2
30-2	15-10	15-1	15-2	15.1	15.1
30-3	18-10	18-1	18-2	18.1	18.1
30-4	18-10	18-1	18-2	18.1	18.1
30-5	21-10	21-1	21-2	21.1	21.1
30-6	11-10	11-1	11-2	11.1	11.1
30-7	22-10	22-1	22-2	22.1	22.1
30-8	22-10	22-1	22-2	22.1	22.1
30-9	21-10	21-1	21-2	21.1	21.1
30-10	16-10	16-1	16-2	16.1	16.1
30-11	17-10	17-1	17-2	17.1	17.1
30-12	18-10	18-1	18-2	18.1	18.1
30-13	8-10	8-1	8-2	8.1	8.1
30-14	13-10	13-1	13-2	13.1	13.1
30-15	13-10	13-1	13-2	13.1	13.1
30-16	12-10	12-1	12-2	12.1	12.1
30-17	12-10	12-1	12-2	12.1	12.1
30-18	12-10	12-1	12-2	12.1	12.1
30-19	12-10	12-1	12-2	12.1	12.1
30-20	12-10	12-1	12-2	12.1	12.1
30-21	12-10	12-1	12-2	12.1	12.1
30-22	12-10	12-1	12-2	12.1	12.1
30-23	12-10	12-1	12-2	12.1	12.1
30-24	12-10	12-1	12-2	12.1	12.1
30-25	12-10	12-1	12-2	12.1	12.1
30-26	12-10	12-1	12-2	12.1	12.1
30-27	12-10	12-1	12-2	12.1	12.1
30-28	12-10	12-1	12-2	12.1	12.1
30-29	12-10	12-1	12-2	12.1	12.1
30-30	12-10	12-1	12-2	12.1	12.1
30-31	12-10	12-1	12-2	12.1	12.1
30-32	12-10	12-1	12-2	12.1	12.1
30-33	12-10	12-1	12-2	12.1	12.1
30-34	12-10	12-1	12-2	12.1	12.1
30-35	12-10	12-1	12-2	12.1	12.1
30-36	12-10	12-1	12-2	12.1	12.1
30-37	12-10	12-1	12-2	12.1	12.1
30-38	12-10	12-1	12-2	12.1	12.1
30-39	12-10	12-1	12-2	12.1	12.1
30-40	12-10	12-1	12-2	12.1	12.1
30-41	12-10	12-1	12-2	12.1	12.1
30-42	12-10	12-1	12-2	12.1	12.1
30-43	12-10	12-1	12-2	12.1	12.1
30-44	12-10	12-1	12-2	12.1	12.1
30-45	12-10	12-1	12-2	12.1	12.1
30-46	12-10	12-1	12-2	12.1	12.1
30-47	12-10	12-1	12-2	12.1	12.1
30-48	12-10	12-1	12-2	12.1	12.1
30-49	12-10	12-1	12-2	12.1	12.1
30-50	12-10	12-1	12-2	12.1	12.1
30-51	12-10	12-1	12-2	12.1	12.1
30-52	12-10	12-1	12-2	12.1	12.1
30-53	12-10	12-1	12-2	12.1	12.1
30-54	12-10	12-1	12-2	12.1	12.1
30-55	12-10	12-1	12-2	12.1	12.1
30-56	12-10	12-1	12-2	12.1	12.1
30-57	12-10	12-1	12-2	12.1	12.1
30-58	12-10	12-1	12-2	12.1	12.1

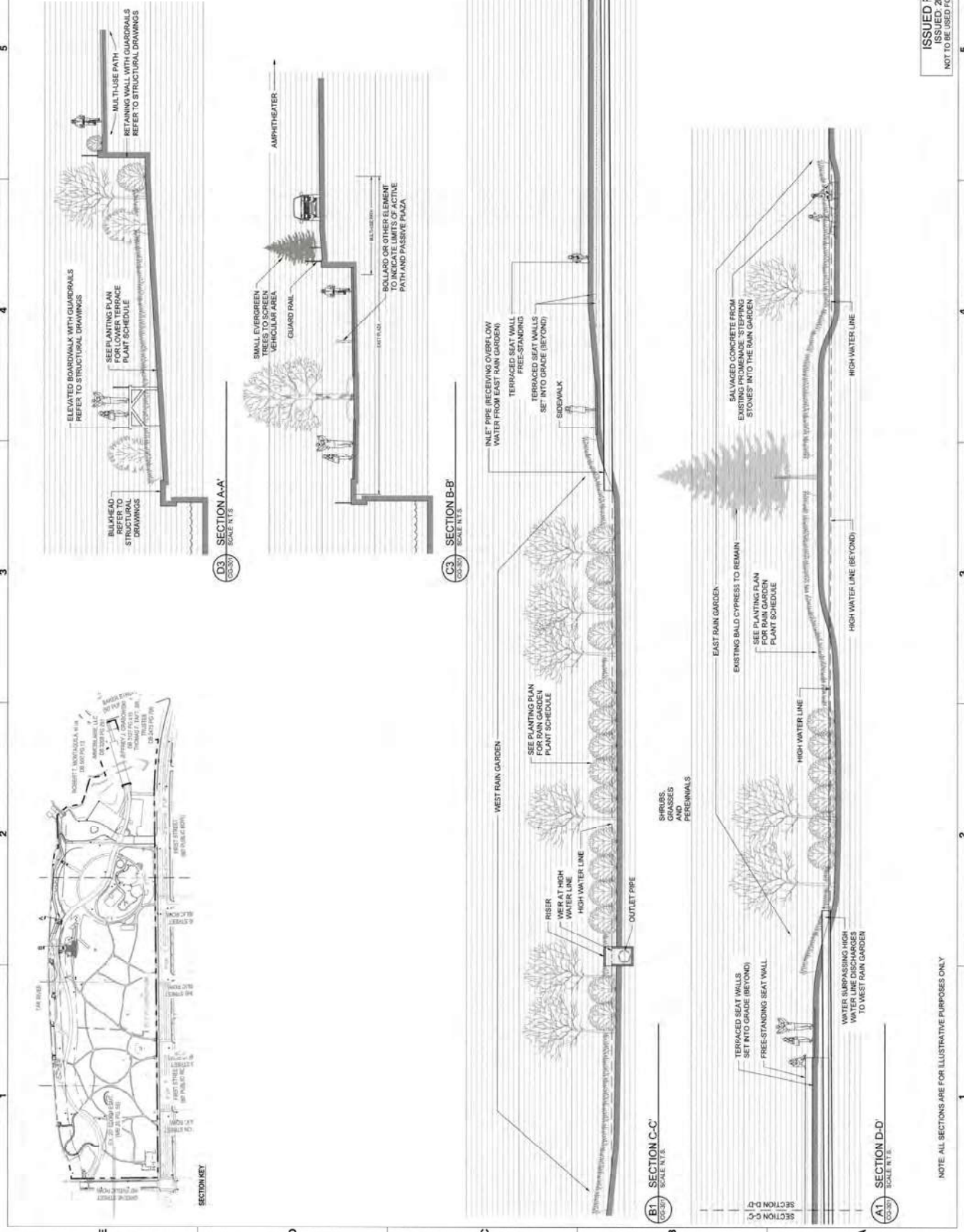
TABLE	
47	GRADING LEGEND BC BACK OF CURB BS BOTTOM OF STAIR BW BOTTOM OF WALL CB CATCH BASIN CO CLEAN OUT CT CURB TAPER EP EDGE OF PAVEMENT EX EXISTING FE FINISHED ELEVATION FFE FINISH FLOOR ELEVATION FL FLOW LINE FOP FINISH OPTIC CABLE BOX HOB HIGH POINT OF SWALE

EXISTING STORM DRAINAGE STRUCTURE TABLE			
239	CB HCOG = 13.04 INV = 8.25	113	CB HCOG = 22.47 INV = 19.17
243	CB HCOG = 10.85 INV = 8.25	142	D1 TOP = 20.48 INV = 17.05
127	CB HCOG = 5.92 INV = 3.17	177	D1 TOP = 38.94

EXISTING SANITARY SEWER STRUCTURE TABLE

448	SS44 TDP = 17.14 INV = 7.54
463	SS44 TDP = 20.78





NO.	REVISION	DATE
1	ISSUED FOR BID	01.31.25
2	ISSUED FOR CONSTRUCTION	01.31.25
3	ISSUED FOR CONSTRUCTION	01.31.25
4	ISSUED FOR CONSTRUCTION	01.31.25
5	ISSUED FOR CONSTRUCTION	01.31.25

SITE SECTIONS	
SECTION A	SECTION B
SECTION C	SECTION D
SECTION E	SECTION F

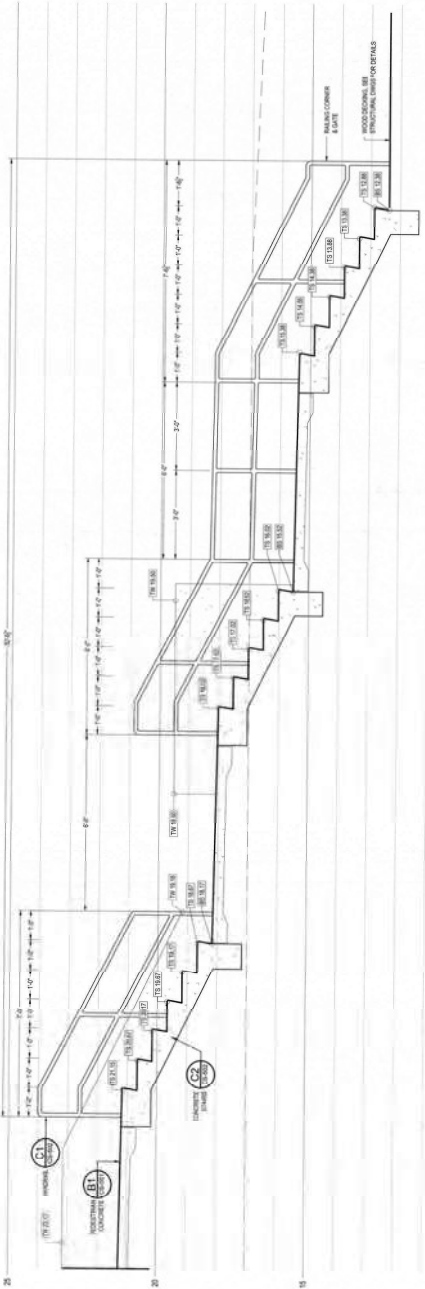
SECTION A	SECTION B
SECTION C	SECTION D
SECTION E	SECTION F



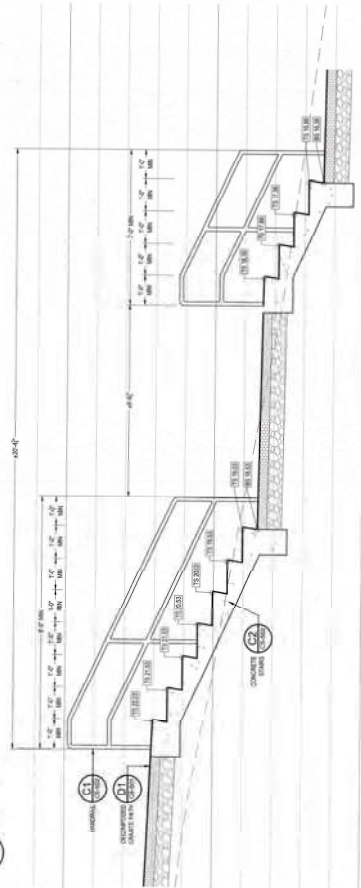
Sheet No.	CG-302
Index	39 OF 114

ISSUED FOR BID
ISSUED FOR CONSTRUCTION
NOT TO BE USED FOR CONSTRUCTION

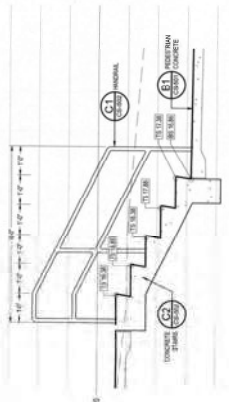
DRAWING SCALES SHOWN BASED ON PAPER DRAWING



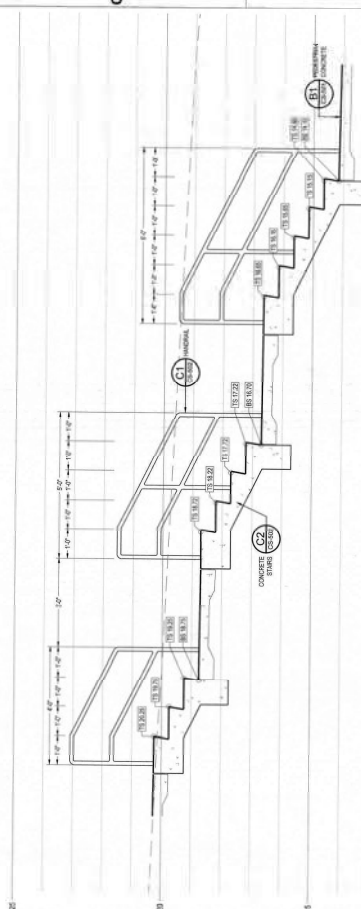
A2 SECTION - STAIR A
SCALE 1/2" = 1'-0"



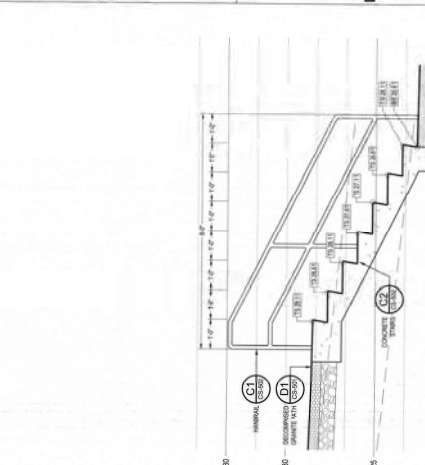
B3 SECTION - STAIR B
SCALE 1/2" = 1'-0"



C4 SECTION - STAIR C
SCALE 1/2" = 1'-0"



D4 SECTION - STAIR D
SCALE 1/2" = 1'-0"



E4 SECTION - STAIR E
SCALE 1/2" = 1'-0"



GREENVILLE TOWN COMMONS & EXPLORATION PROJECT

GRADING & DRAINAGE

PLAN ENLARGEMENTS

PROFESSIONAL SEAL

STATE OF NORTH CAROLINA

EXPIRATION DATE: 12/31/2025

NO. 10131

DATE: 01/13/25

Sheet No.

CG-401

INDEX 41 OF 114

PROJECT: GREENVILLE TOWN COMMONS & EXPLORATION PROJECT

DATE: 01/13/25

BY: ALEX FLYNN

SCALE: 1/8" = 1'-0"

PROJECT: GREENVILLE TOWN COMMONS & EXPLORATION PROJECT

DATE: 01/13/25

BY: ALEX FLYNN

SCALE: 1/8" = 1'-0"

PROJECT: GREENVILLE TOWN COMMONS & EXPLORATION PROJECT

DATE: 01/13/25

BY: ALEX FLYNN

SCALE: 1/8" = 1'-0"

PROJECT: GREENVILLE TOWN COMMONS & EXPLORATION PROJECT

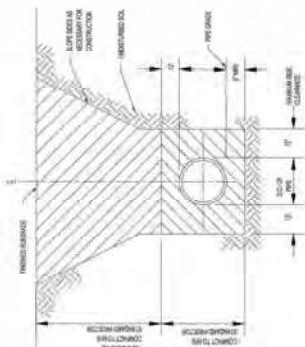
DATE: 01/13/25

BY: ALEX FLYNN

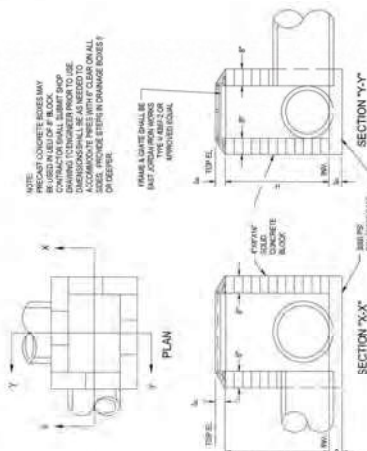
SCALE: 1/8" = 1'-0"







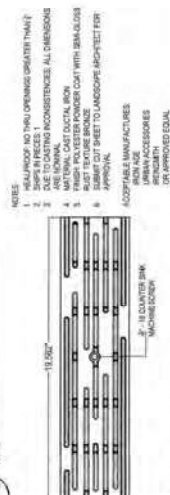
E1 STORM DRAIN TRENCH



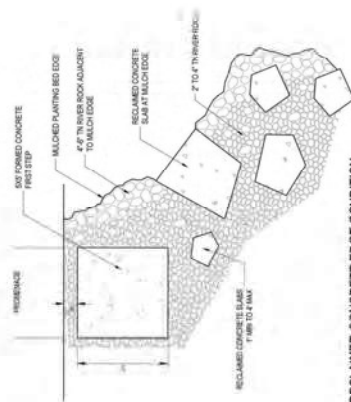
C1 DROP INLET
A1 T-5



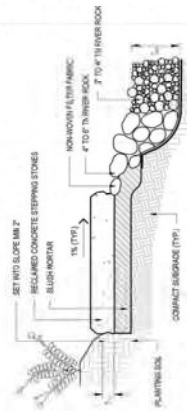
B1 YARD INLET
CG-637 N 15



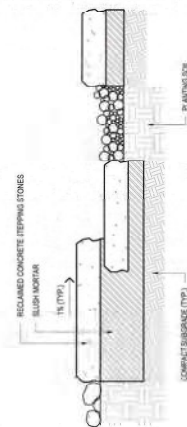
A1 5" (NOM) DECORATIVE METAL TRENCH GRATE



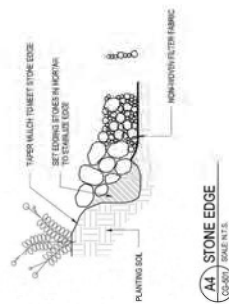
B2 RECLAIMED CONCRETE EDGE CONDITION



A2 RECLAIMED CONCRETE AT EAST PLAZA



A3 STACKED AND MORTARED RECLAIMED CONCRETE



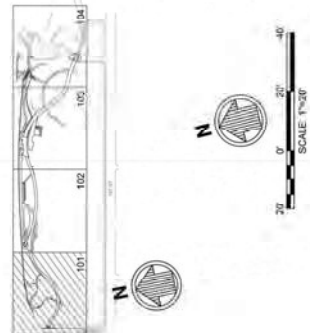
A4 STONE EDGE
SCALE: N.T.S.
CG-501

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

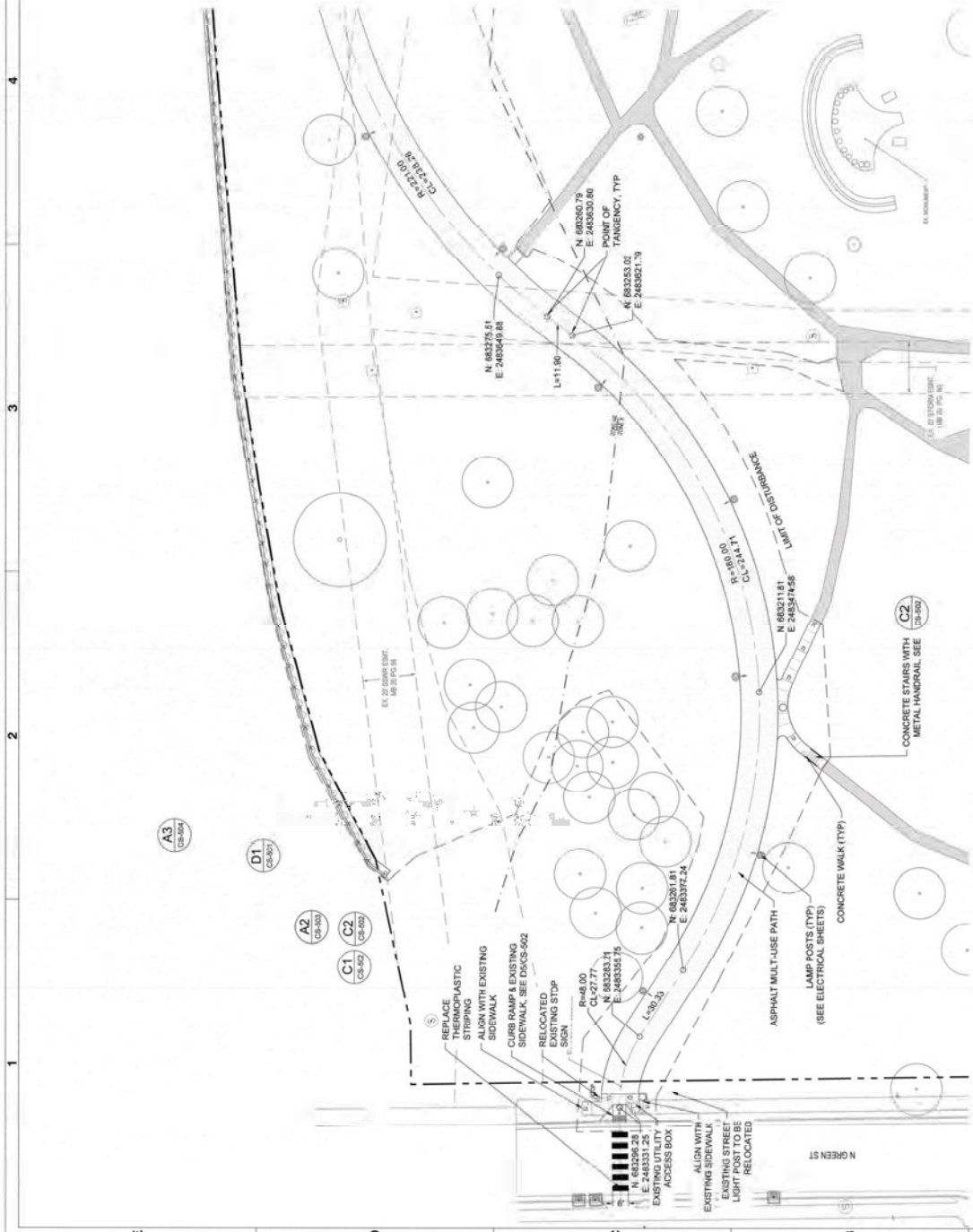
QTY	ITEM	SIZE	COLOR/FINISH	NOTES
13	Blackout fabric Armrests	6" width		Refer to Ducker Sheet on Sheet C2-530
5	Black-finish 3-ply with Armrests	6" width		Ducker Sheet to coordinate with Ducker Sheet C2-530
2	Black-finish 3-ply with Locking footrests	34" W		Refer to Ducker Sheet C2-530
6	Black back			Refer to Ducker Sheet C2-530
3	3-Plyc. Table	6"		Refer to Ducker Sheet C2-530
4	Plum Table			Refer to Ducker Sheet C2-530
14	Plaza Chair			Refer to Memo "Bent" Table on Sheet C2-531
20	Transferring Backrest and Armrest	42" gal.		Refer to Memo "Bent" Chairs on Sheet C2-531
4	Concrete back pad with armrests	7" x 36" x 20" Seat 20" Seat		Refer to Ducker Sheet C2-531
2	Concrete Back Pad with Transferring	7" x 36" x 20" Seat 20" Seat		Refer to "Spineless" Seat on Sheet C2-531
2	Concrete Back Pad with Transferring	7" x 36" x 20" Seat 20" Seat		Refer to "Spineless" Seat on Sheet C2-531
1	Concrete Chairbase Table	9" x 16"		Refer to "Concrete Outdoor Table" on Sheet C2-531
1	Concrete Table	9" x 16"		Refer to "Concrete Table" on Sheet C2-531
2	Concrete Table			Refer to "Concrete Table" on Sheet C2-531

SITE MATERIALS LEGEND

PATTERN	MATERIAL	DETAIL
	HEAVY DUTY ASPHALT PAVEMENT	FDCS-80T
	STANDARD ASPHALT PAVEMENT	EDCS-80T
	GRAVEL PAVING	DUCS-80T
	PEDESTRIAN CONCRETE	BDCS-50T
	VEHICULAR CONCRETE	AVCS-80T
	DECOMPOSED GRANITE	ANCDS-80T
	GRAVEL PAVEMENT	BDCS-80T
	COMPOSITE WOOD DECKING. SEE STRUCTURAL PLANS	-
	TIMBER BRIDGE. SEE STRUCTURAL PLANS	-
	CONCRETE PAVERS	DUCS-90T



EXISTING MATERIALS LEGEND

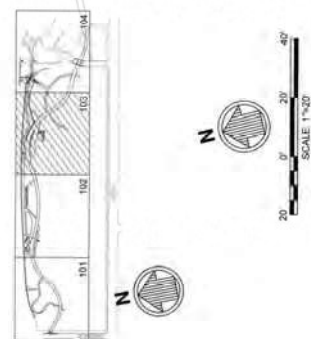
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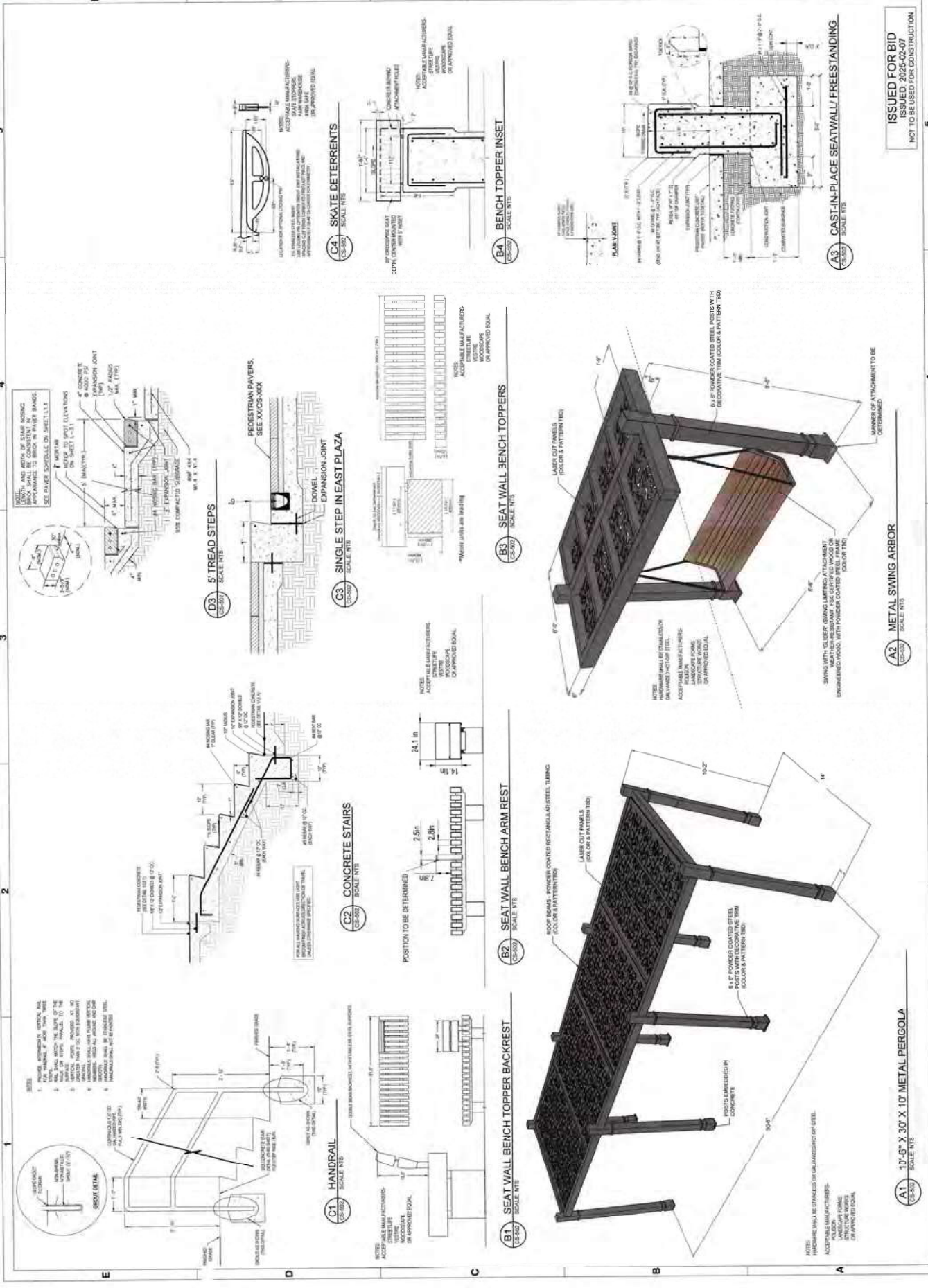


PATTERN	MATERIAL	DETAIL
	HEAVY-CITY ASPHALT PAVEMENT	P1C3-501
	STANDARD ASPHALT PAVEMENT	E1C3-501
	GRAVEL PAVING	D1C3-501
	PEDESTRIAN CONCRETE	B1C3-501
	VEHICULAR CONCRETE	A1C3-501
	DECOMPOSED GRANITE	A3C3-501
	GRASS PAVEMENT	B3C3-501
	COMPOSITE WOOD DECKING	-
	STRUCTURAL PANS	-
	TIMBER BRIDGE	-
	STRUCTURAL PANS	-
	CONCRETE PAVERS	D2C3-501



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION





1

BIKE RACK
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

2

DUO TRASH & RECYCLING RECEPTACLE
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

3

BACKLESS BENCH
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

4

BACKED BENCH
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

5

COLLAPSIBLE BOLLARD
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

6

ANCHORED SWIVEL WOOD SLAT CHAIR
SCALE: 1/8" = 1'-0"

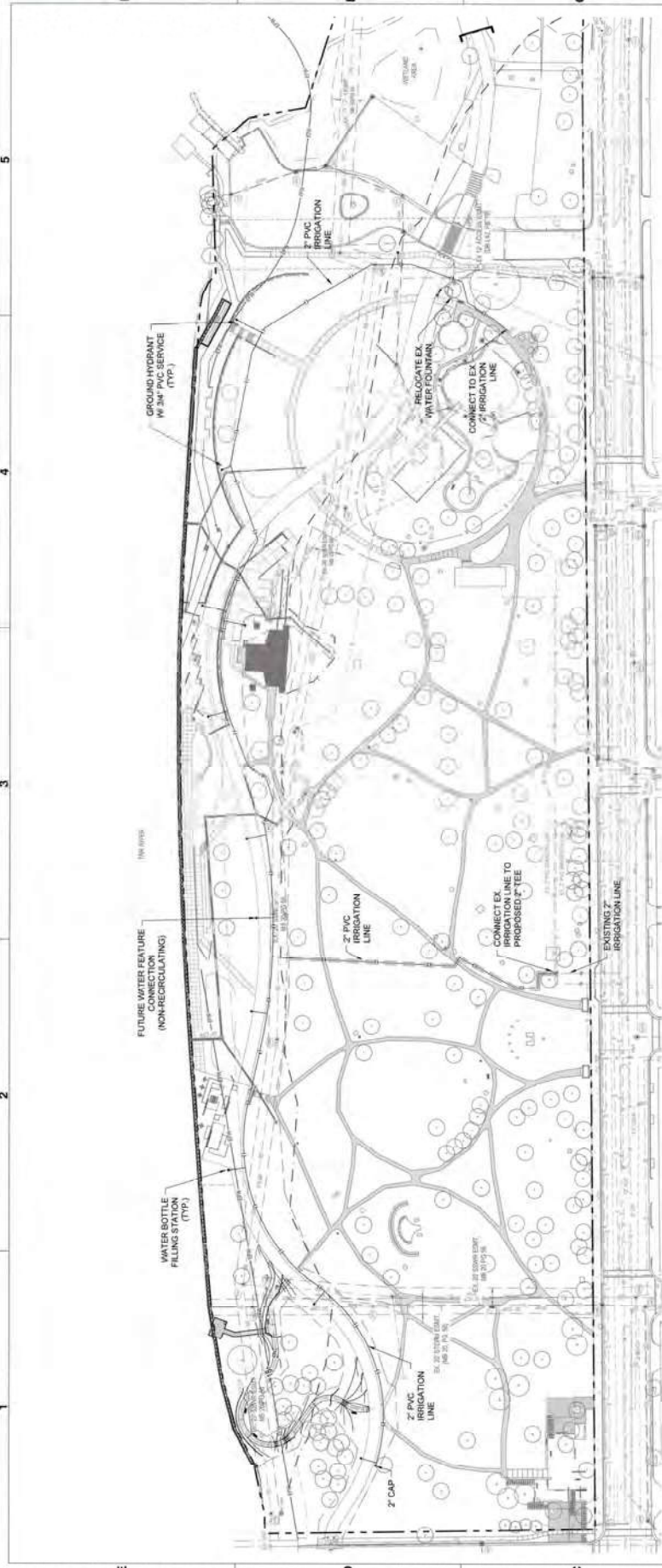
NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)

7

FOLD DOWN MOUNT
SCALE: 1/8" = 1'-0"

NOTE: ACCEPTABLE MANUFACTURERS: 1) ALL STEEL, WELDING CODED BY THE RACK (DO NOT USE RECYCLED PLASTIC) 2) 1/2" x 3/4" DIMENSION (DO NOT INCREASE) 3) 1/2" x 3/4" DIMENSION (DO NOT INCREASE)



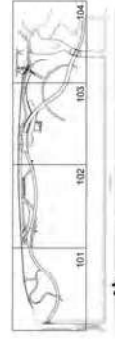


UTILITY NOTES

1. ALL SEWER AND WATER MAIN CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
2. LOCATIONS OF EXISTING UTILITIES AS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND COORDINATE CONNECTION WITH PROPER AUTHORITIES. CALL NC ONE-CALL CENTER, INC. AT 811 72 HOURS BEFORE ANY EXCAVATION IS BEGUN. EXCAVATION SHALL BE STOPPED IMMEDIATELY IF ANY EXISTING UTILITIES ARE LOCATED IN HIGHWAY RIGHT-OF-WAY. PRIVATE UTILITY EASEMENTS OR PUBLIC SPACES WILL BE REQUIRED BY NORTH CAROLINA LAW TO GIVE NOTICE OF THE PROPOSED EXCAVATION TO ALL EXISTING AREA UTILITIES AT LEAST 3 WORKING DAYS BEFORE STARTING TO DIG.
3. THE UTILITY OWNER IS TO LOCATE ITS FACILITIES IN THE AREA OF THE PROPOSED EXCAVATION. UTILITY MEMBERS OF NC ONECALL CAN BE CONTACTED AT 811.
4. CONTRACTOR SHALL NOTIFY UTILITIES ENGINEER 72 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE ALL EXISTING UTILITY TENS WITH THE UTILITY ENGINEER. WATER MAINS SHALL BE BURIED A DEPTH OF 36 INCHES UNLESS NOTED OTHERWISE.
6. CONTRACTOR SHALL MAINTAIN COMPREHENSIVE (DEPTH AND HORIZONTAL LOCATIONS) FIELD "AS-BUILT'S" FOR ALL INSTALLATIONS AND SUBMIT TO THE ENGINEER.
7. ALL PERMITS AND FEES REQUIRED FOR CONSTRUCTION OF IMPROVEMENTS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
8. WATER SERVICE TO BE PROVIDED TO THIS GENERAL AREA ONCE FOUNTAIN DESIGN & WATER REQUIREMENTS DETERMINED.
9. CONTRACTOR TO CONTACT GUC (252-561-1551) TO SCHEDULE INSPECTION OF ALL STORM PIPE / SEWER MAIN CROSSINGS.

LEGEND

- AL AREA LIGHT
- BLD BUILDING
- CB CATCH BASIN
- CONC CONCRETE
- CONC PAD CONCRETE PAD
- CSW CONCRETE SIDEWALK
- DI DROP INLET
- EB EXISTING BOX
- EX EXISTING
- FINISH FLOOR ELEVATION
- FF FUTURE FINISH FLOOR
- INVERT
- JUNCTION BOX
- LANDSCAPE AREA
- POWER POLE
- PP POWER POLE
- RCP REINFORCED CONCRETE PIPE
- SS SANITARY SEWER
- TYP. TYPICAL
- EX. SPOT ELEVATION
- EX. EXISTING CONTOUR
- EX. STORM DRAIN
- PROPOSED STORM PIPE
- PROPOSED SANITARY SEWER SERVICE
- OVERHEAD ELECTRIC
- SS SANITARY SEWER
- UNDERGROUND ELECTRIC
- W EXISTING WATER MAIN
- PROPOSED WATER MAIN
- PROPOSED NATURAL GAS LINE
- EXISTING STRUCTURE (SEE SHEET V-001 FOR STRUCTURE INFO)
- EFW—EDGE OF FLOODWAY



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

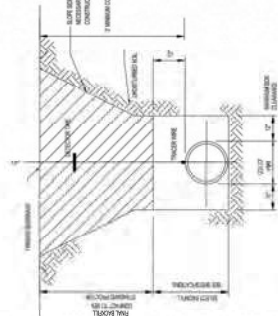
Greenville
 ENGINEERS & ARCHITECTS

1000 WEST MAIN STREET, SUITE 200
 GREENVILLE, NC 27601
 TEL: 252-333-1111
 FAX: 252-333-1112

OVERALL UTILITY PLAN

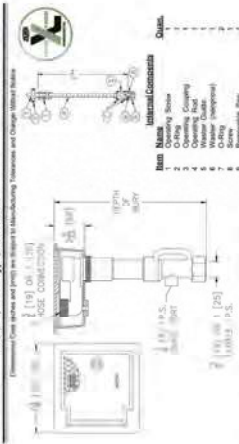
GREENVILLE TOWN COMMONS
 A. EPL/MADE PROJECT

PROJECT NO. 2025-02-07
 SHEET NO. 55 OF 114
 INDEX



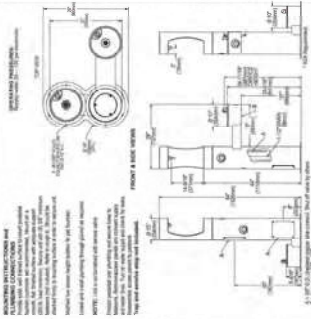
E1 WATER PIPE TRENCH

ZURN
Z1360XL
GROUND HYDRANT
Encased, Flush Type, Non-Freeze
SPECIFICATION SHEET
TAG _____



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90.0 (88)	89.0 (88)	89.0 (88)

B2 OUTDOOR BOTTLE FILLING STATION





PLANTING PLAN (WEST)

GREENVILLE TOWN COMMONS & REHABILITATION PROJECT

THE GROUP EAST

234 PINEVIEW DR
GREENVILLE, SC 29615
TEL: 864.606.1234
WWW.THEGROUPEAST.COM

CL101

INDEX 59 OF 114

DATE: 01/11/2023

BY: [Signature]

CHECKED: [Signature]

PROJECT NO: 230223-01

DATE: 01/11/2023

BY: [Signature]

CHECKED: [Signature]

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DATE: 01/11/2023

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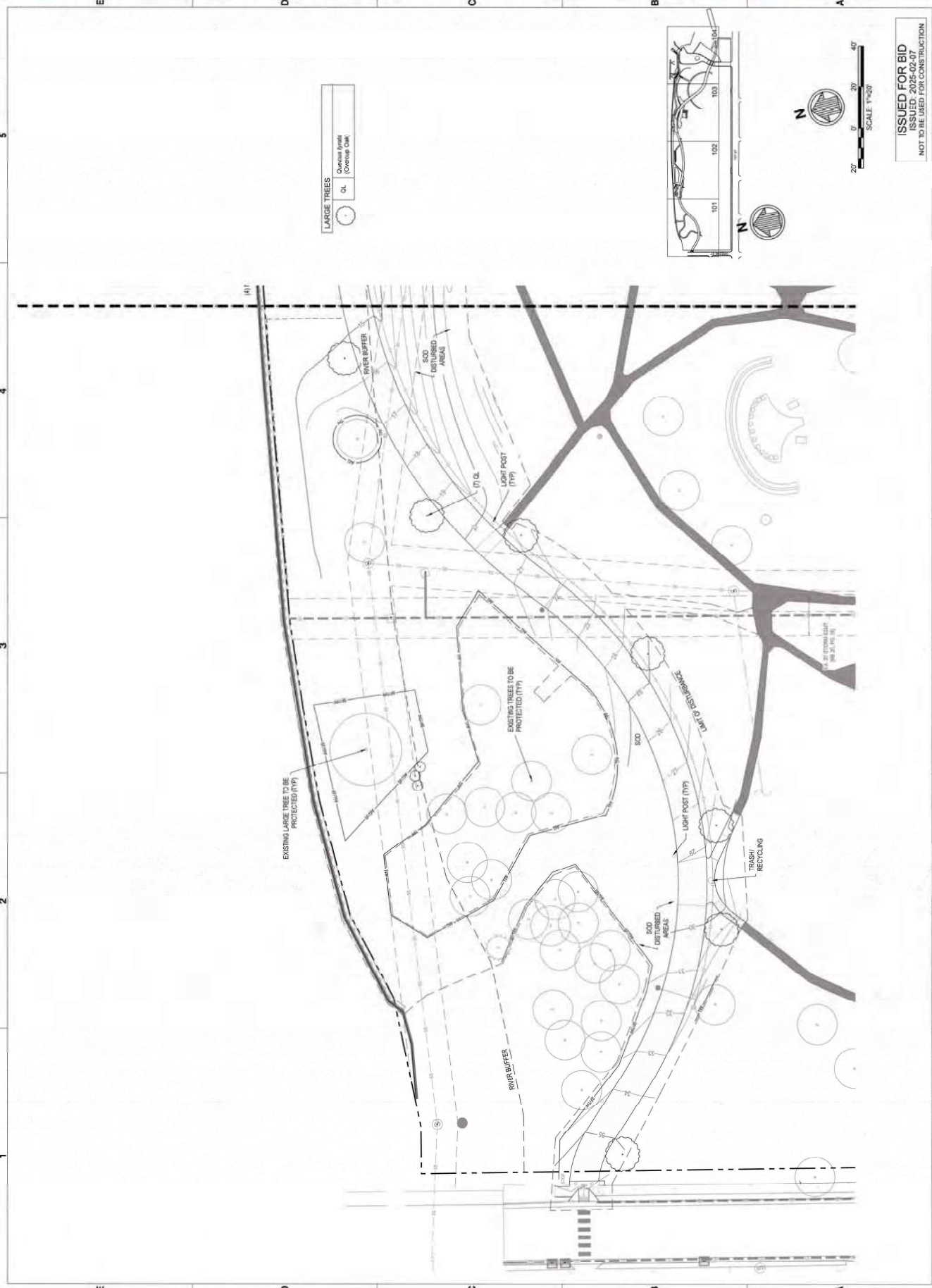
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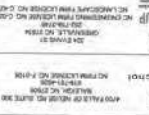
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DATE: 01/11/2023

BY: [Signature]

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MISS J. M. P. by COTTON BUNDLE

[illegible][illegible]

GRASSES & PERENNIALS	
	Muhlenbergia laevis (Pink Muhly Grass)





DATE	2/25/25
BY	MM
CHECKED BY	MM
APPROVED BY	MM
PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & REPLACEMENT PROJECT
PROJECT LOCATION	GREENVILLE TOWN COMMONS (CENTER-WEST)
PROJECT DESCRIPTION	PLANTING WEST

GREENVILLE TOWN COMMONS
& REPLACEMENT PROJECT
PLANTING WEST
(CENTER-WEST)

DATE	2/25/25
BY	MM
CHECKED BY	MM
APPROVED BY	MM
PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & REPLACEMENT PROJECT
PROJECT LOCATION	GREENVILLE TOWN COMMONS (CENTER-WEST)
PROJECT DESCRIPTION	PLANTING WEST

GREENVILLE TOWN COMMONS
& REPLACEMENT PROJECT
PLANTING WEST
(CENTER-WEST)

DATE	2/25/25
BY	MM
CHECKED BY	MM
APPROVED BY	MM
PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & REPLACEMENT PROJECT
PROJECT LOCATION	GREENVILLE TOWN COMMONS (CENTER-WEST)
PROJECT DESCRIPTION	PLANTING WEST

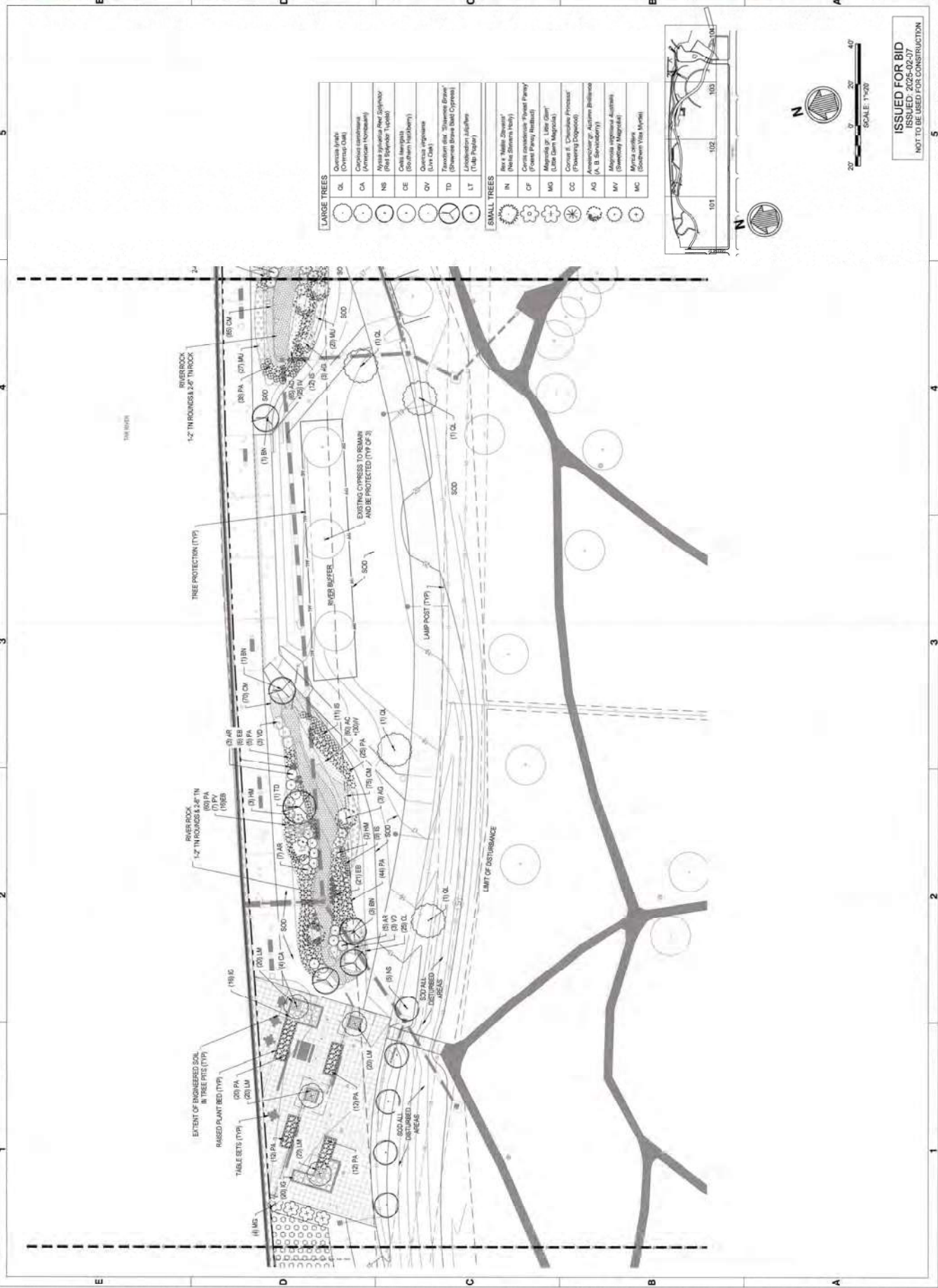
GREENVILLE TOWN COMMONS
& REPLACEMENT PROJECT
PLANTING WEST
(CENTER-WEST)

DATE	2/25/25
BY	MM
CHECKED BY	MM
APPROVED BY	MM
PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & REPLACEMENT PROJECT
PROJECT LOCATION	GREENVILLE TOWN COMMONS (CENTER-WEST)
PROJECT DESCRIPTION	PLANTING WEST

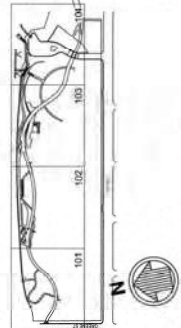
GREENVILLE TOWN COMMONS
& REPLACEMENT PROJECT
PLANTING WEST
(CENTER-WEST)

DATE	2/25/25
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PROJECT NO.	2025-02-07
PROJECT NAME	GREENVILLE TOWN COMMONS & REPLACEMENT PROJECT
PROJECT LOCATION	GREENVILLE TOWN COMMONS (CENTER-WEST)
PROJECT DESCRIPTION	PLANTING WEST

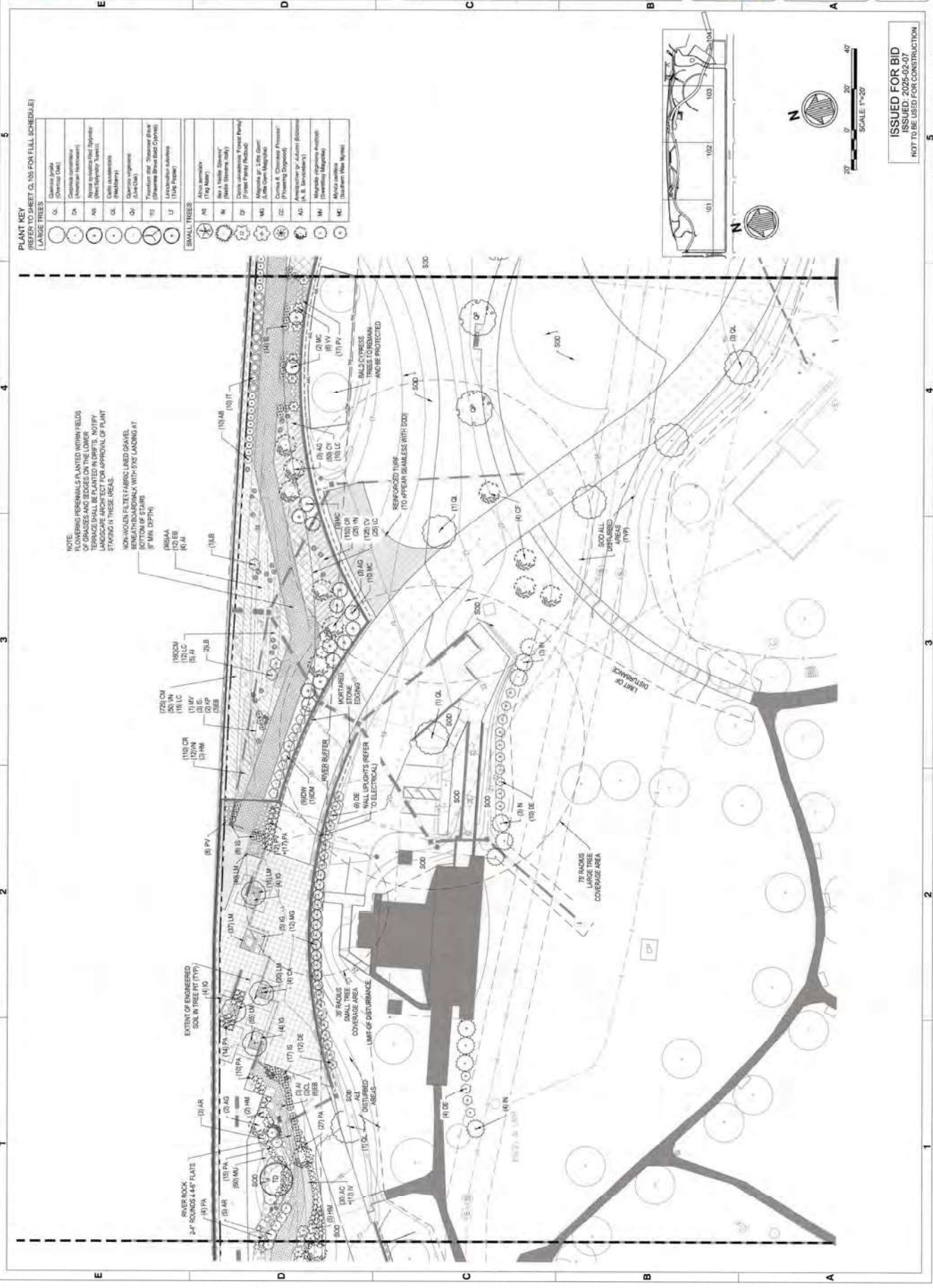
GREENVILLE TOWN COMMONS
& REPLACEMENT PROJECT
PLANTING WEST
(CENTER-WEST)



LARGE TREES	
OL	Quercus laevis (Live Oak)
CA	Casahuate (American Horsechestnut)
NS	Nyssa sylvatica (Red Spider) (Lycium)
CE	Celtis occidentalis (Southern Hackberry)
OV	Quercus virginiana (Live Oak)
TD	Taxodium distichum (Swamp Cypress)
LT	Liriodendron tulipifera (Tulip Poplar)
SMALL TREES	
IN	Pinus strobus (White Pine)
CF	Conium maculatum (Poison Hemlock)
MG	Magnolia grandiflora (Southern Magnolia)
CC	Cornus florida (Flowering Dogwood)
AG	Amelanchier alnifolia (Shadblow)
MY	Myrica asplenifolia (Sweetflag)
MC	Myrica asplenifolia (Sweetflag)



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



NO.	DATE	DESCRIPTION
1	02.13.25	ISSUED FOR BID
2	02.13.25	ISSUED FOR BID
3	02.13.25	ISSUED FOR BID
4	02.13.25	ISSUED FOR BID
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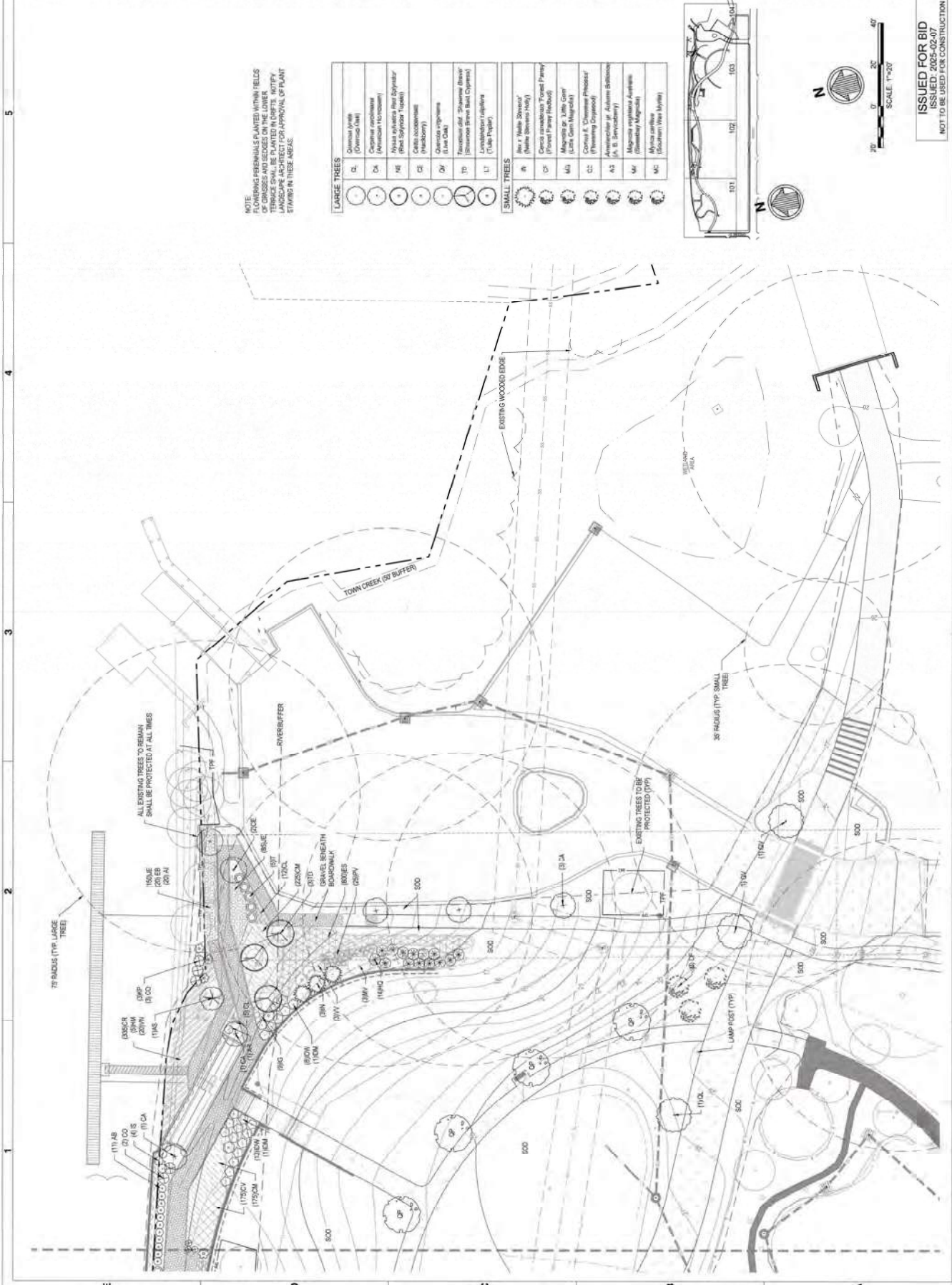
PLANTING PLAN (EAST)
GREENWILE TOWN COMMONS
A REPLACEMENT PROJECT

NO.	DATE	DESCRIPTION
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2	02.13.25	ISSUED FOR BID
3	02.13.25	ISSUED FOR BID
4	02.13.25	ISSUED FOR BID
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9	02.13.25	ISSUED FOR BID
10	02.13.25	ISSUED FOR BID

NOTES:
1. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.
2. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.
3. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.



CL104
INDEX: 02 OF 114

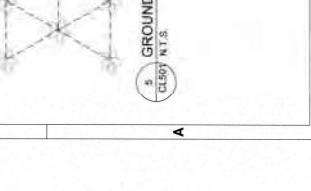
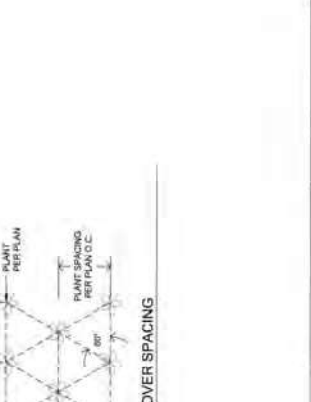


NOTE:
1. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.
2. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.
3. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH THE GREENWILE TOWN COMMONS LANDSCAPE ARCHITECTURE PLAN.

LARGE TREES	
CL	Clusia rosea (Flamingo Tree)
DA	Diospyros virginiana (Persimmon)
FA	Ficus religiosa (Banyan Tree)
GA	Gleditsia triacanthos (Honey Locust)
HA	Hibiscus syriacus (Rose of Sharon)
IA	Ipomoea pes-caprae (Climbing Hydrangea)
JA	Jasminum officinale (Common Jasmine)
KA	Kalmia latifolia (Coastal Dogwood)
LA	Lonicera japonica (Japanese Honeysuckle)
MA	Magnolia grandiflora (Southern Magnolia)
NA	Nandina domestica (Heavenly Bamboo)
OA	Ostrya virginiana (Live Oak)
PA	Parthenocissus vitacea (Boston Ivy)
QA	Quercus prinus (White Oak)
RA	Rosa rugosa (Rugosa Rose)
SA	Saxifraga oppositifolia (Saxifrage)
TA	Taxus canadensis (Norfolk Island Spruce)
UA	Ulmus americana (American Elm)
VA	Viburnum cinnamomeum (Cinnamon Spice Viburnum)
WA	Wisteria sinensis (Chinese Wisteria)
XA	Xanthoxylum (Sourwood)
YA	Yucca filamentosa (Fountain Plant)
ZA	Zelkova serrata (Japanese Zelkova)
SMALL TREES	
AB	Abutilon (Flamingo Tree)
AC	Acacia (Acacia)
AD	Adiantum (Maidenhair Fern)
AE	Aegle (Aegle)
AF	African Violet (African Violet)
AG	Agave (Agave)
AH	Amaranthus (Amaranthus)
AI	Anemone (Anemone)
AJ	Antennaria (Antennaria)
AK	Artemisia (Artemisia)
AL	Aster (Aster)
AM	Azalea (Azalea)
AN	Begonia (Begonia)
AO	Begonia (Begonia)
AP	Begonia (Begonia)
AQ	Begonia (Begonia)
AR	Begonia (Begonia)
AS	Begonia (Begonia)
AT	Begonia (Begonia)
AU	Begonia (Begonia)
AV	Begonia (Begonia)
AW	Begonia (Begonia)
AX	Begonia (Begonia)
AY	Begonia (Begonia)
AZ	Begonia (Begonia)



ISSUED FOR BID
ISSUED 2025-02-07
NOT TO BE USED FOR CONSTRUCTION





Greenville

ENGINEERING & ARCHITECTURE

NO.	REVISION	DATE
1	ISSUED FOR BID	02/27/2025

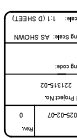
GREENVILLE TOWN COMMON

& ESPLANADE PROJECT

PILE PLAN

SHEET 1 OF 4

BASE BID



D. JACOBSON

REGISTERED PROFESSIONAL ENGINEER

NO. 40238

PROJECT INFORMATION

PROJECT NO. 2025-02-07

DATE: 02/27/2025

SCALE: 1"=20'



M. H. SMITH

REGISTERED PROFESSIONAL ENGINEER

NO. 40238

PROJECT INFORMATION

PROJECT NO. 2025-02-07

DATE: 02/27/2025

SCALE: 1"=20'

- NOTES:**
- SOIL ANCHOR LOCATIONS MAY BE ADJUSTED UP TO 1 FOOT IN THE FIELD TO AVOID OBSTRUCTIONS. SEE SHEET S-507 FOR ADDITIONAL INFORMATION.
 - FOR SOIL ANCHOR SCHEDULE, SEE SHEET S-501.

LEGEND:



STEEL SHEET PILE BULKHEAD

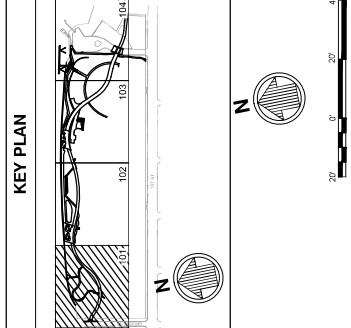


SOIL ANCHOR DESIGNATION



WORKPOINT (ALONG CL OF SSP BULKHEAD)

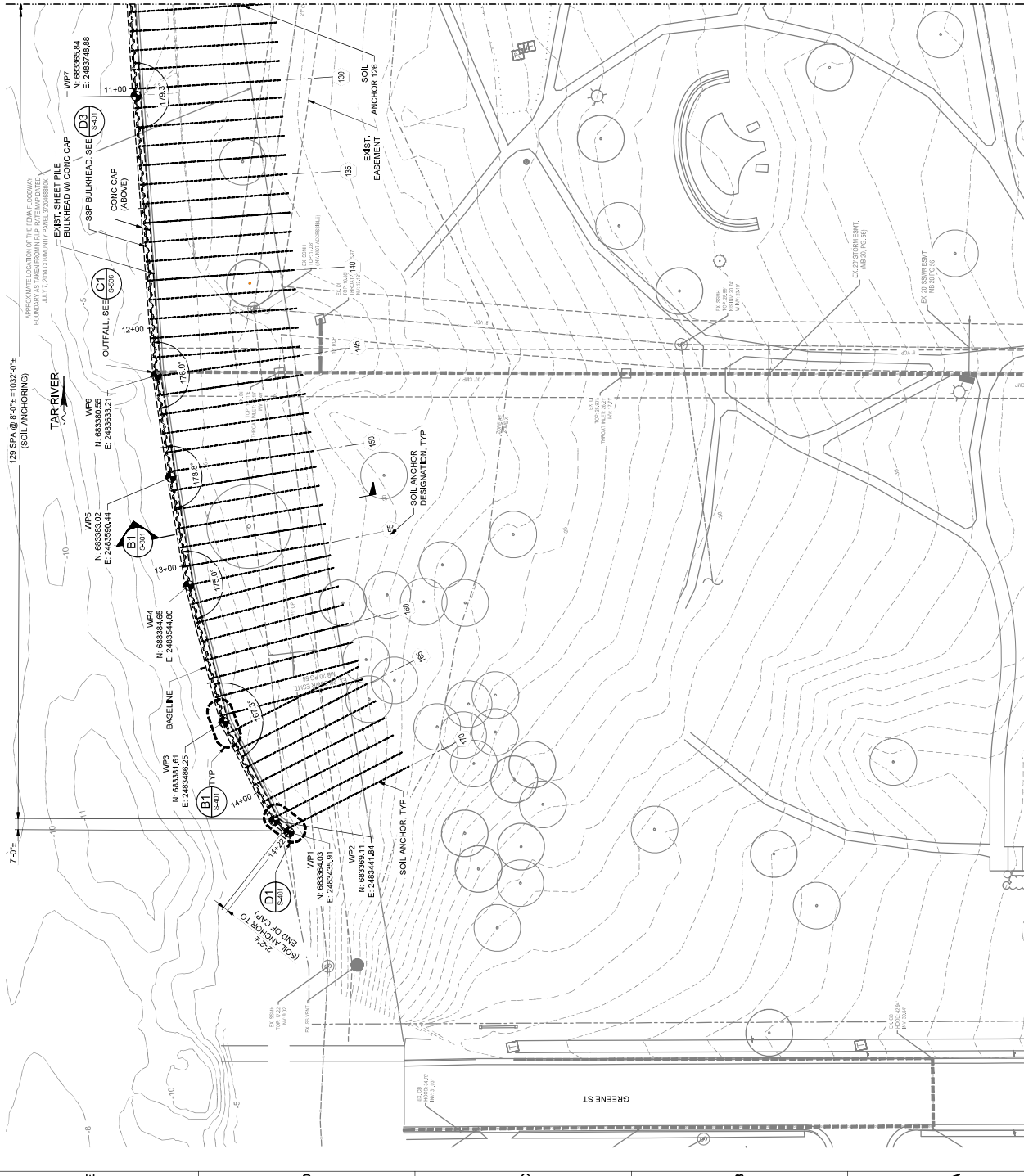
KEY PLAN

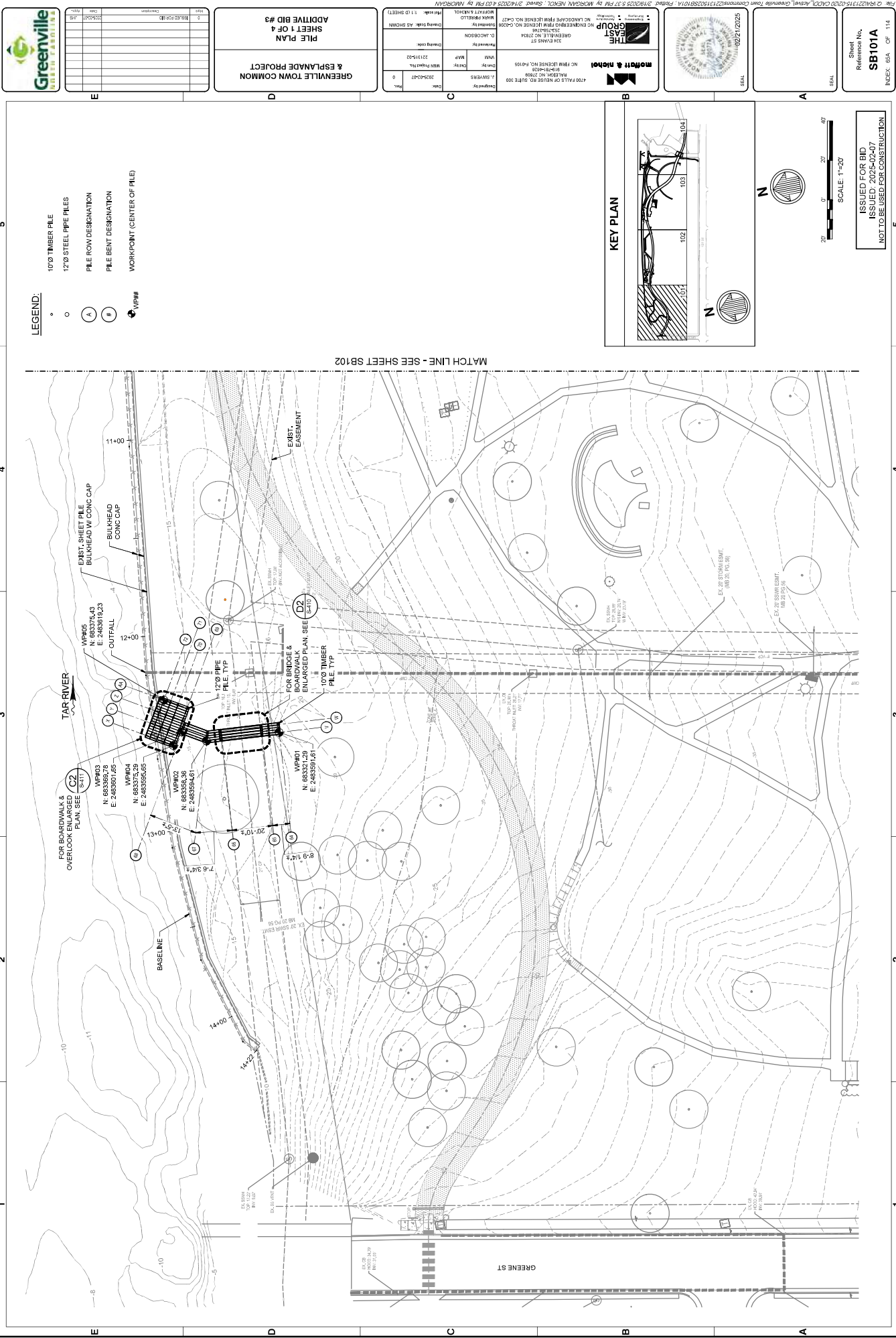


ISSUED FOR BID

ISSUED: 2025-02-07

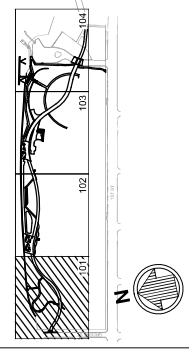
NOT TO BE USED FOR CONSTRUCTION





- LEGEND:**
- 10'x10' TIMBER PILE
 - 12'x12' STEEL PIPE PILES
 - PILE ROW DESIGNATION
 - PILE BENT DESIGNATION
 - WORKPOINT (CENTER OF FILE)

KEY PLAN



ISSUED FOR BID
ISSUED: 2023-02-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 24"X36" DRAWING

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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PILE PLAN
SHEET 1 OF 4
GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

ADDITIVE BID #3

INDEX

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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INDEX

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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INDEX

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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INDEX

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26	NO. 27	NO. 28	NO. 29	NO. 30	NO. 31	NO. 32	NO. 33	NO. 34	NO. 35	NO. 36	NO. 37	NO. 38	NO. 39	NO. 40	NO. 41	NO. 42	NO. 43	NO. 44	NO. 45	NO. 46	NO. 47	NO. 48	NO. 49	NO. 50	NO. 51	NO. 52	NO. 53	NO. 54	NO. 55	NO. 56	NO. 57	NO. 58	NO. 59	NO. 60	NO. 61	NO. 62	NO. 63	NO. 64	NO. 65	NO. 66	NO. 67	NO. 68	NO. 69	NO. 70	NO. 71	NO. 72	NO. 73	NO. 74	NO. 75	NO. 76	NO. 77	NO. 78	NO. 79	NO. 80	NO. 81	NO. 82	NO. 83	NO. 84	NO. 85	NO. 86	NO. 87	NO. 88	NO. 89	NO. 90	NO. 91	NO. 92	NO. 93	NO. 94	NO. 95	NO. 96	NO. 97	NO. 98	NO. 99	NO. 100
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NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	NO. 23	NO. 24	NO. 25	NO. 26
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NO.	REVISION	DATE
1	ISSUED FOR BID	02/27/2025

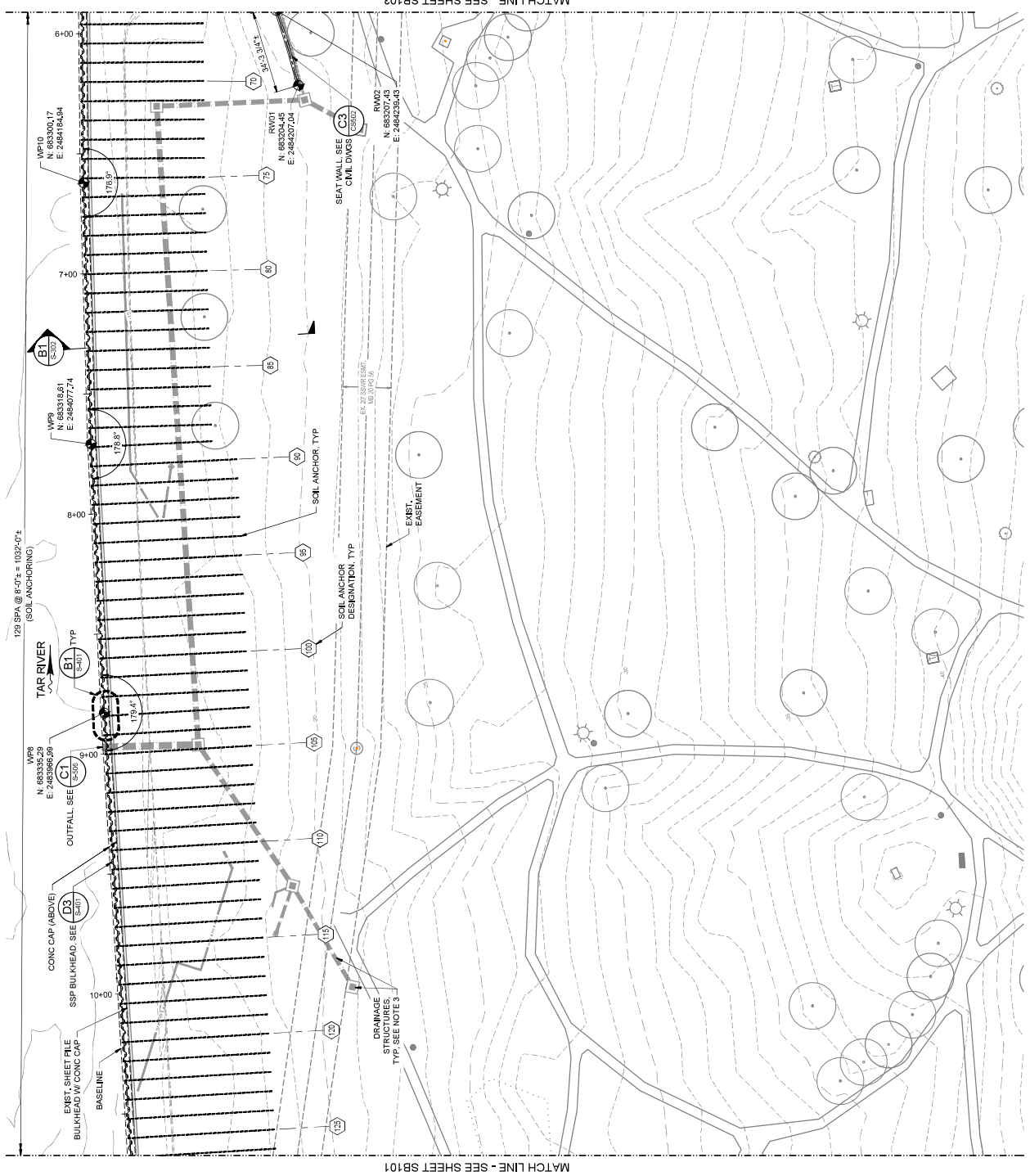
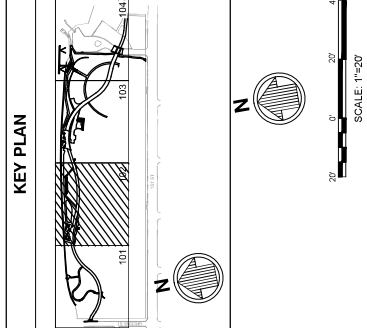
FILE PLAN SHEET 2
OF 4 BASE BID

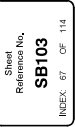
GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

324 ELMERS RD GREENVILLE, NC 27634 NO ENGINEERING FROM LICENSE NO. C-227 NO LANDSCAPE FROM LICENSE NO. C-227 NO EROSION CONTROL FROM LICENSE NO. C-227 NO FIRM LICENSE NO. C-227	DESIGNED BY D. JACOBSON CHECKED BY D. JACOBSON DATE 02/27/2025
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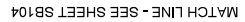
Sheet
Reference No.
SB102
INDEX: 66 OF 114

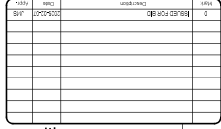
- NOTES:**
- SOIL ANCHOR LOCATIONS MAY BE ADJUSTED UP TO 1 FOOT IN THE FIELD TO AVOID OBSTRUCTIONS. SEE SHEET S-507 FOR ADDITIONAL INFORMATION.
 - FOR SOIL ANCHOR SCHEDULE, SEE SHEET S-501.
 - FOR STORM DRAINAGE ELEVATIONS, SEE CIVIL DRAWINGS.
- LEGEND:**
- STEEL SHEET PILE BULKHEAD
 - SOIL ANCHOR DESIGNATION
 - WORKPOINT (ALONG CL OF SSP BULKHEAD)
 - WORKPOINT (ALONG CL OF RETAINING WALL)





DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING

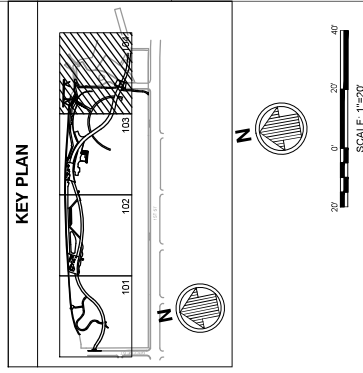


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Sheet
Reference No.
SB104
INDEX: 68 OF 114

LEGEND:

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-  H
-  A
-  R
-  S
-  W
-  B



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING





DATE	2/2/2025
BY	MR. J. COLE
CHECKED	MR. J. COLE
APPROVED	MR. J. COLE
PROJECT	GREENVILLE TOWN COMMON
SHEET	1 OF 4

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT
DECK PLAN
SHEET 1 OF 4
ADDITIVE BID #3

DATE	2/2/2025
BY	MR. J. COLE
CHECKED	MR. J. COLE
APPROVED	MR. J. COLE
PROJECT	GREENVILLE TOWN COMMON
SHEET	1 OF 4



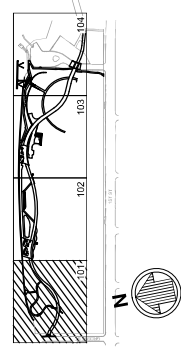
Sheet
Reference No.
ST101A
INDEX: 65A OF 114

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

SCALE: 1"=20'



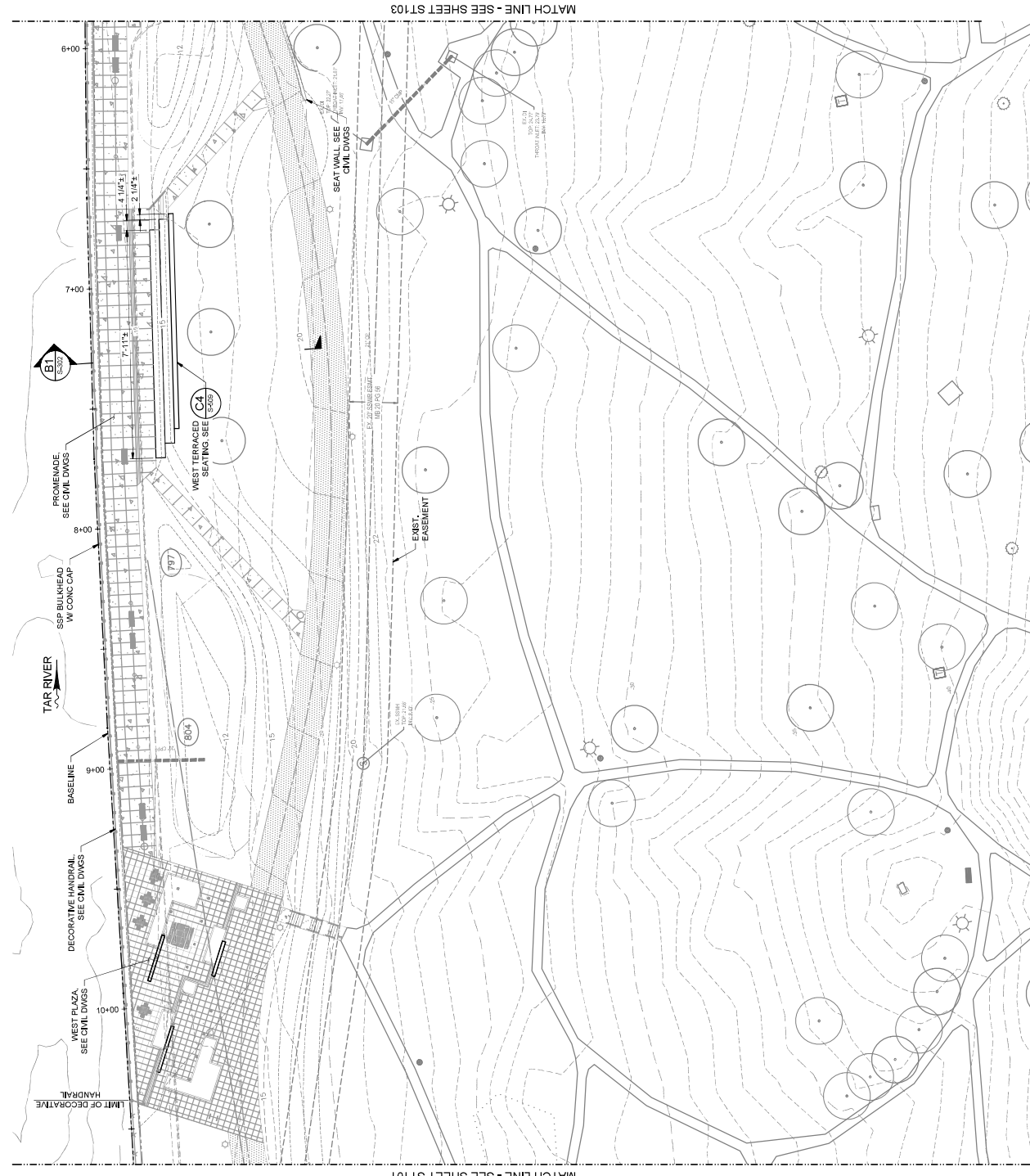
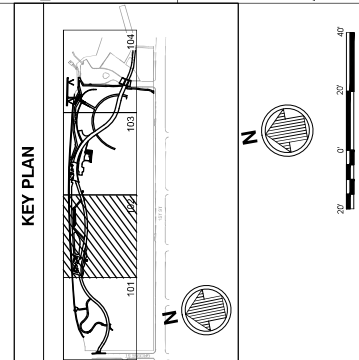
KEY PLAN

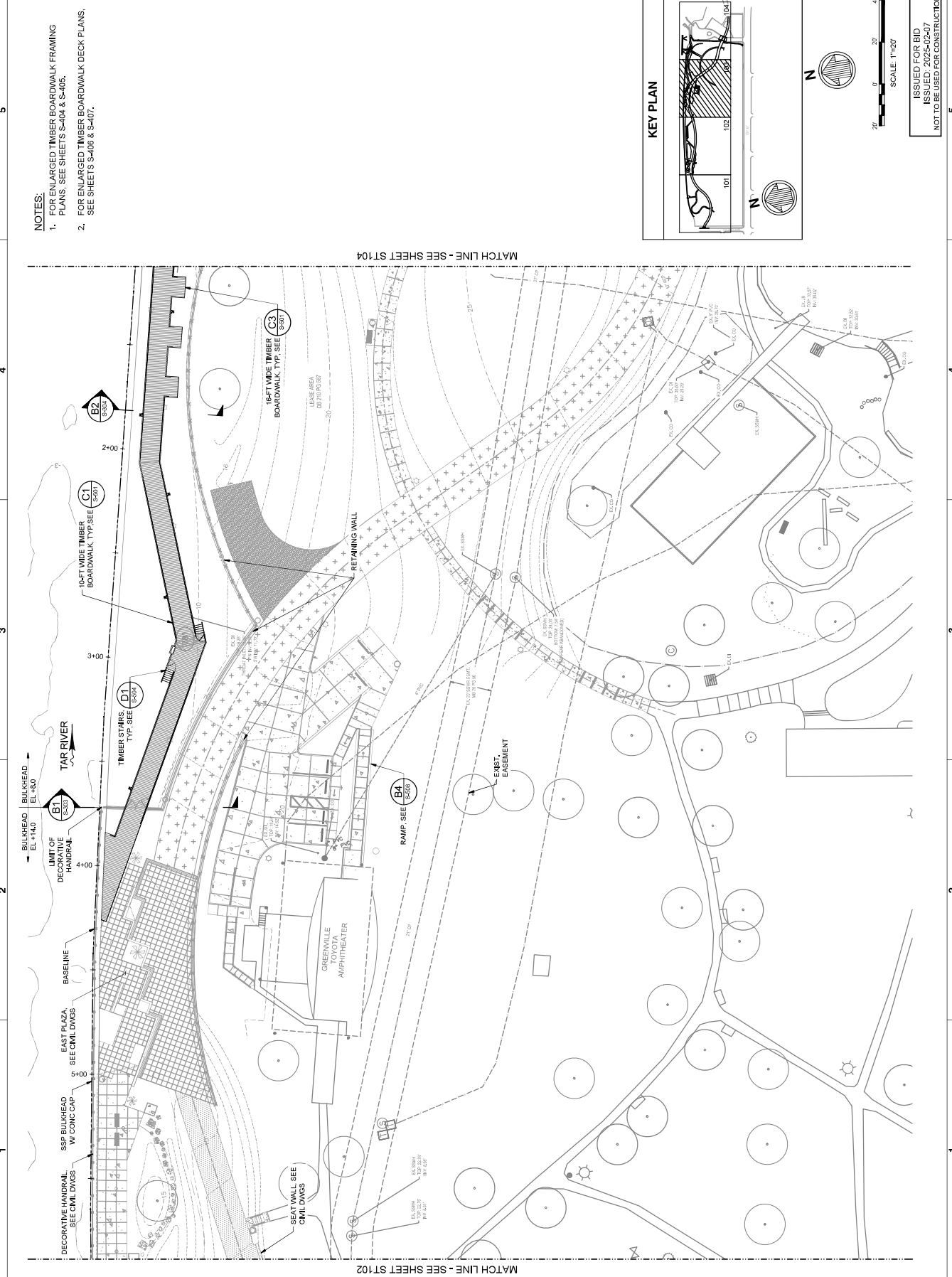


MATCH LINE - SEE SHEET ST102



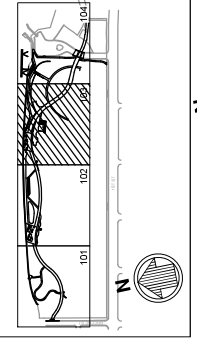
DRAWING SCALES SHOWN BASED ON 24"X36" DRAWING





- NOTES:**
- FOR ENLARGED TIMBER BOARDWALK FRAMING PLANS, SEE SHEETS S-404 & S-405.
 - FOR ENLARGED TIMBER BOARDWALK DECK PLANS, SEE SHEETS S-406 & S-407.

KEY PLAN



SCALE: 1"=20'

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

DECK PLAN
SHEET 3 OF 4
BASE BID

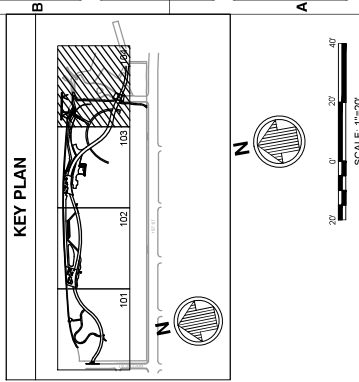
Drawn by: J. JACOBSON
Checked by: J. JACOBSON
Scale: 1"=10 SHEETS
Date: 2/21/2025

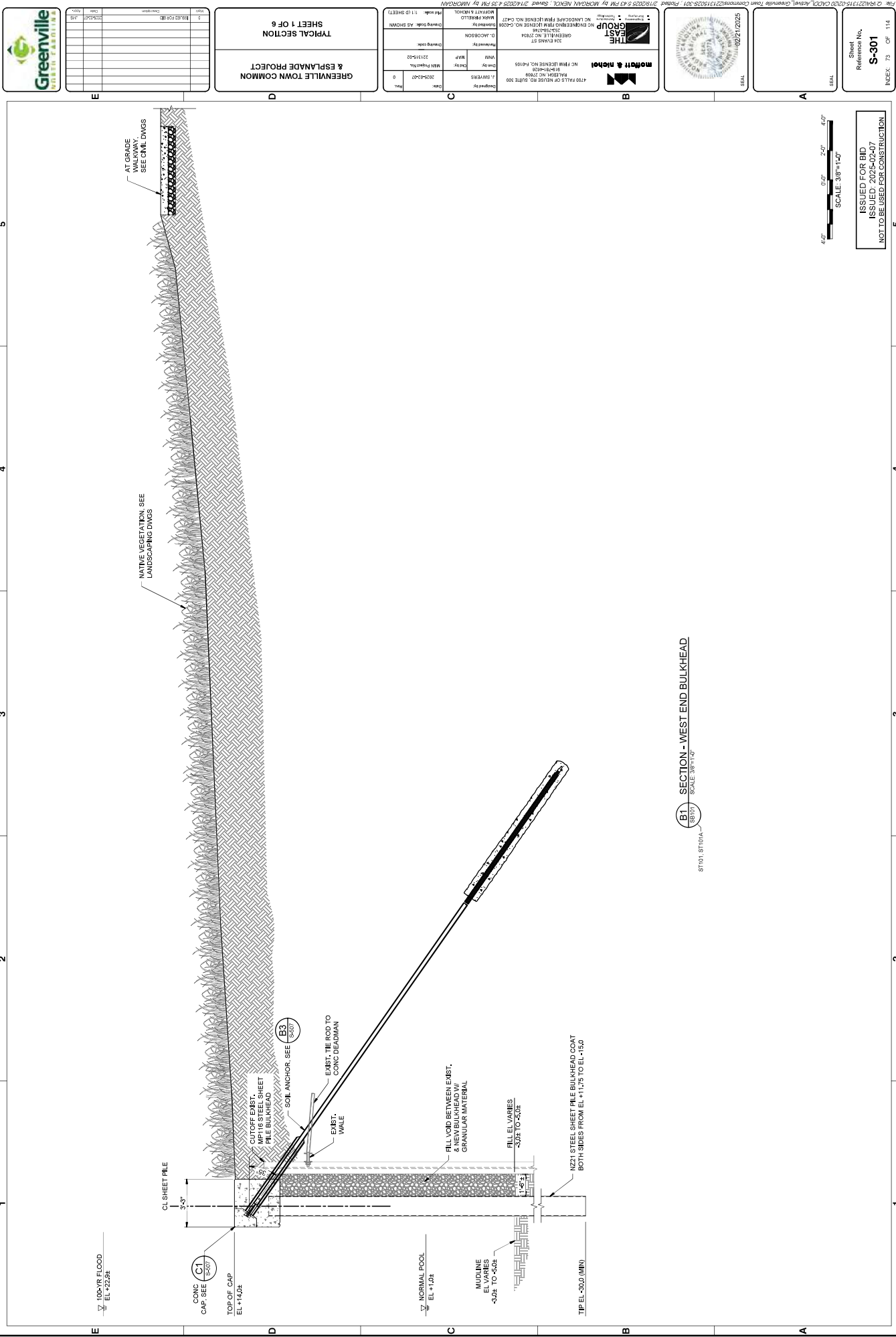
Project: 2025-02-07
Sheet: ST103
Index: 71 of 114



NOTES:

1. FOR ENLARGED TIMBER BOARDWALK FRAMING PLANS, SEE SHEETS S-404 & S-405.
2. FOR ENLARGED TIMBER BOARDWALK DECK PLANS, SEE SHEETS S-406 & S-407.





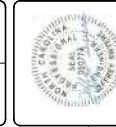
B1 SECTION - WEST END BULKHEAD
SCALE 3/8"=1'-0"

SCALE 3/8"=1'-0"

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

Sheet
Reference No.
S-301
INDEX: 73 OF 114

10/27/2025
EAL



THE GROUP
INCORPORATED
2500 WILSON
GREENVILLE, NC 27634
REGISTERED PROFESSIONAL ENGINEER
NO. 40228
EXPIRATION DATE 10/27/2025
DESIGNED BY: D. JACOBSON
CHECKED BY: M. KENNEDY
DATE: 10/27/2025
PROJECT: GREENVILLE TOWN COMMON & ESPLANADE PROJECT
SHEET: 1 OF 6

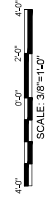
GREENVILLE TOWN COMMON & ESPLANADE PROJECT
TYPICAL SECTION
SHEET 1 OF 6



[illegible]

Sheet
Reference No.
S-303
INDEX: 75 OF 114

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



B1 SECTION - BULKHEAD STEP DOWN
ST103 SCALE: 3/8"=1'-0"



DATE	DESCRIPTION
10/27/2025	ISSUED FOR BID
10/27/2025	ISSUED FOR CONSTRUCTION

TYPICAL SECTION

SHEET 5 OF 6

GREENVILLE TOWN COMMON & ESPLANADE PROJECT

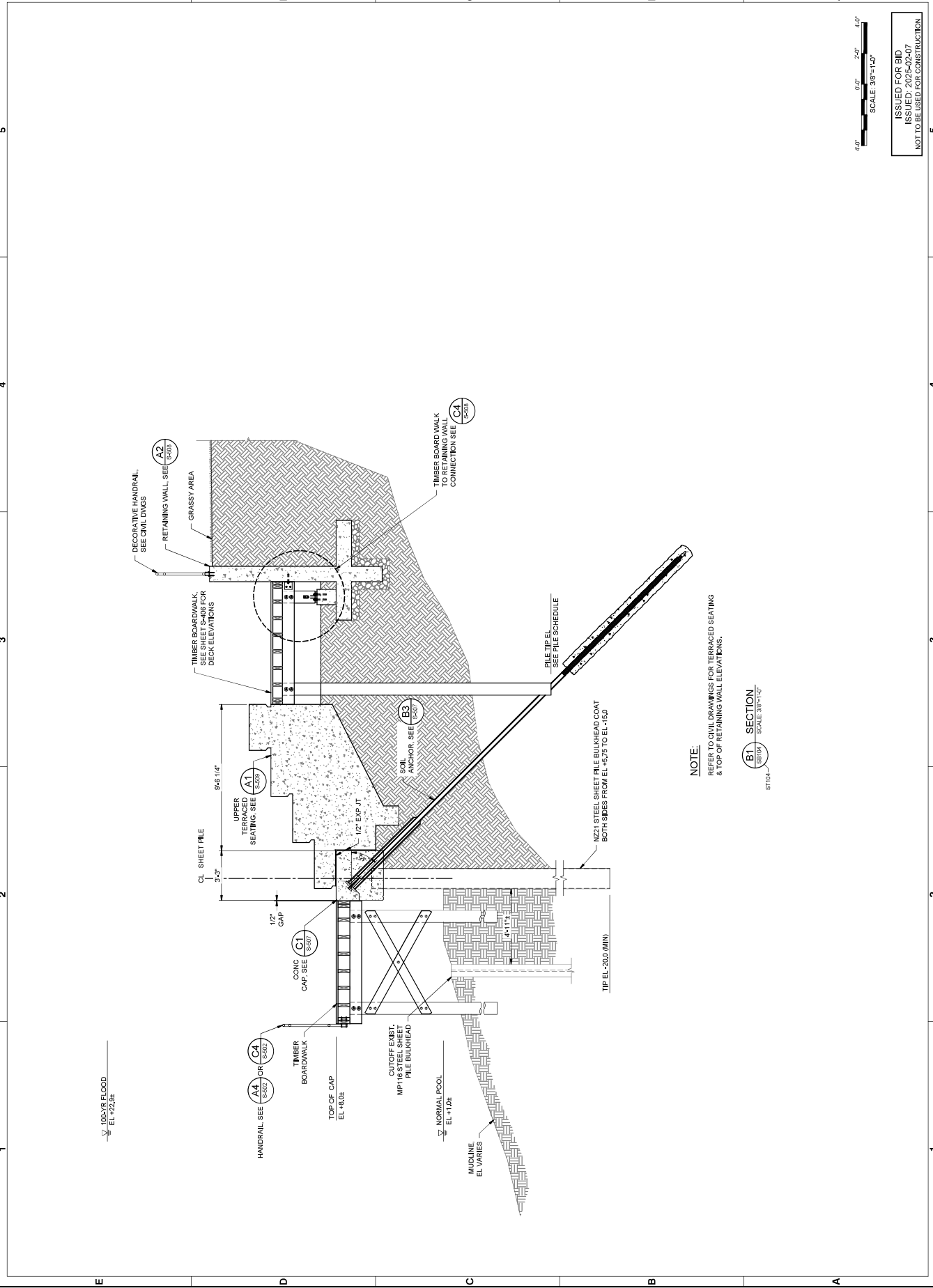



THE GREEN GROUP
 324 KINGS ST.
 GREENVILLE, NC 27634
 NO ENGINEERING FIRM LICENSE NO. C-2727
 NO LANDSCAPE FIRM LICENSE NO. C-477
 MARY WHEELER
 O. JACOBSON
 Drawing Title: AS SHOWN
 Drawing Scale: 1" = 10' SHEET 5 OF 6
 Drawing Date: 10/27/2025
 MAP: 211115-02
 MSA Project No.: 2025-02-07
 L. SWANSON
 4700 FALLS OF NEUSE RD., SUITE 100
 RALEIGH, NC 27608
 NO FIRM LICENSE NO. L-1055
 Drawing By: J. SWANSON
 Check By: L. SWANSON
 Date: 10/27/2025
 Title: 5



10/27/2025
 SEAL

Sheet Reference No.
S-305
 INDEX: 77 OF 114



4'-0"
 0'-0"
 2'-0"
 4'-0"
 SCALE 3/8"=1'-0"
 5

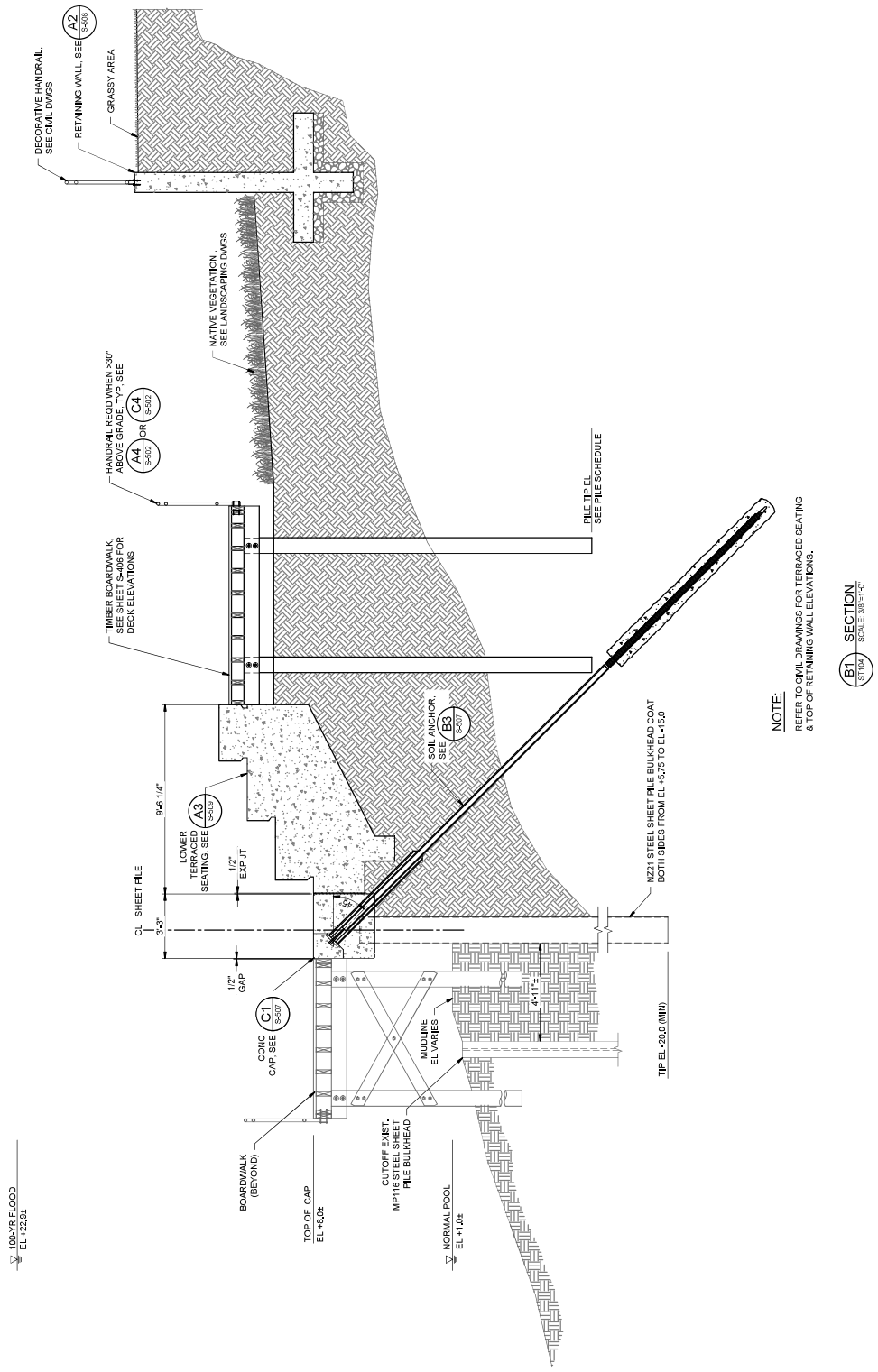
ISSUED FOR BID
 ISSUED: 2025-02-07
 NOT TO BE USED FOR CONSTRUCTION

DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING

[illegible]

Sheet
Reference No.
S-306

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



NOTE:
REFER TO CIVIL DRAWINGS FOR TERRACED SEATING
& TOP OF RETAINING WALL ELEVATIONS.

B1 SECTION
ST104
SCALE: 3/8"=1'-0"

DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING



GREENVILLE TOWN COMMON & ESPLANADE PROJECT

ENLARGED BULKHEAD CONNECTIONS

Sheet Reference No. **S-401**

INDEX 79 OF 114

SEAL

10/27/2025

SEAL

10/27/2025

SEAL

10/27/2025

GREENVILLE TOWN COMMON & ESPLANADE PROJECT

ENLARGED BULKHEAD CONNECTIONS

4700 FALLS OF NEUSE RD, SUITE 100
RALEIGH, NC 27603
NC FIRM LICENSE NO. 1-4195

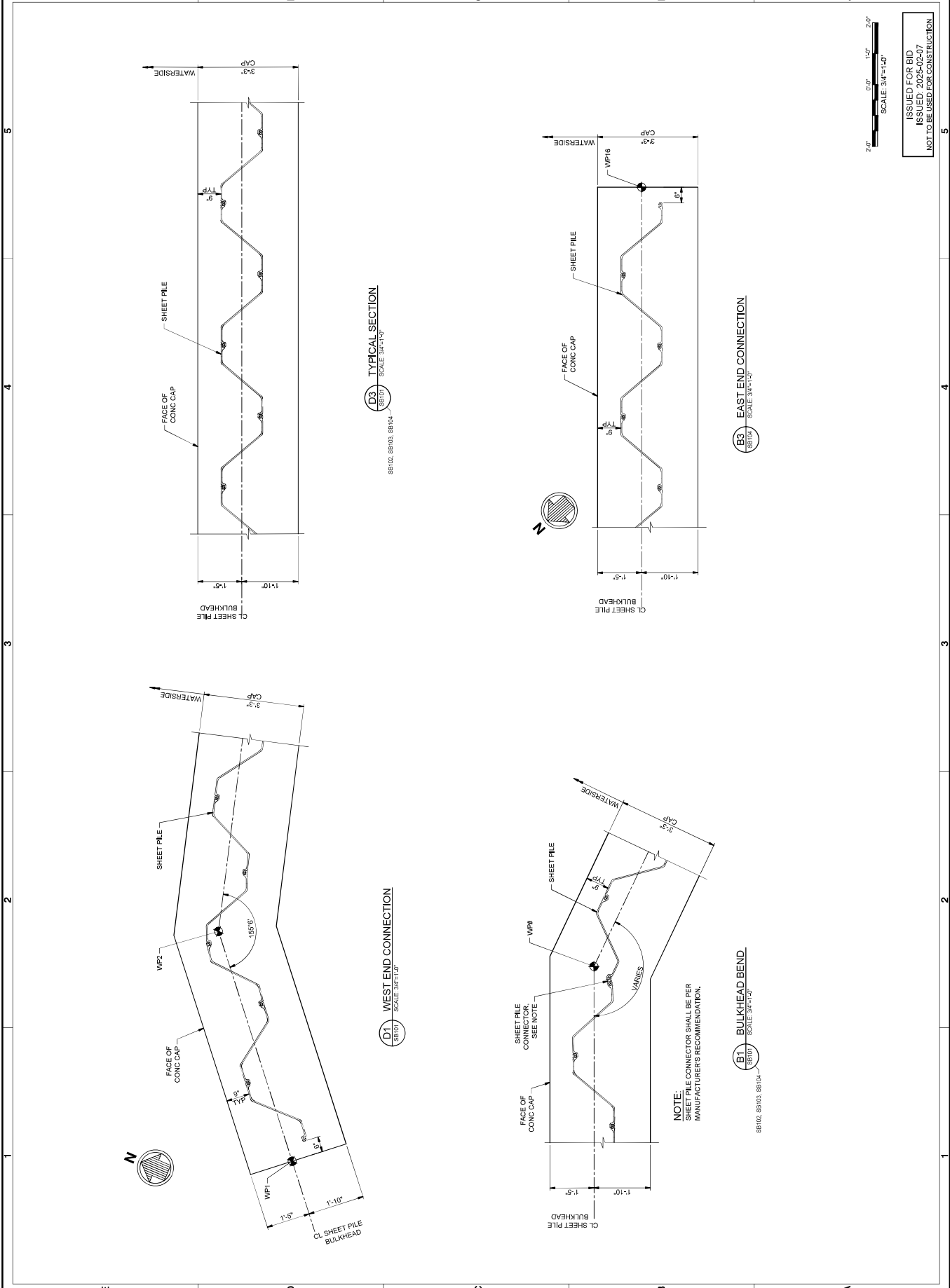
mohebt & mohebt

2025-02-07

4700 FALLS OF NEUSE RD, SUITE 100
RALEIGH, NC 27603
NC FIRM LICENSE NO. 1-4195

mohebt & mohebt

2025-02-07





REV	DATE	DESCRIPTION
1	02/27/2025	ISSUED FOR BID

GREENVILLE TOWN COMMON & ESPLANADE PROJECT

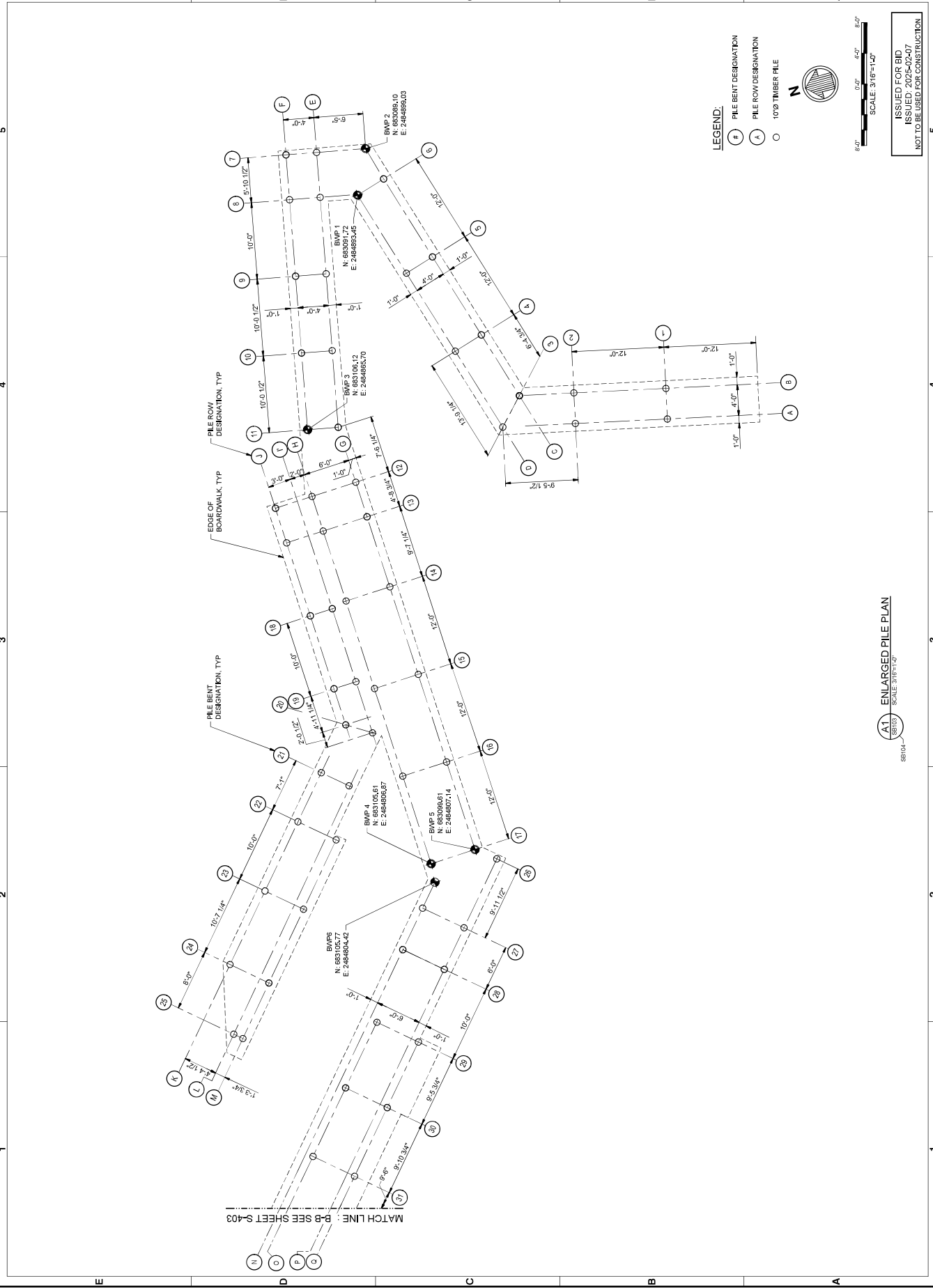
BOARDWALK ENLARGED PILE PLAN

SHEET 1 OF 2

Drawn by	Checked by	Reviewed by
MAKING	MAKING	MAKING
2/27/2025	2/27/2025	2/27/2025

316 FALLS OF NEUSE RD, SUITE 100
GREENVILLE, NC 27634
GREENVILLE TOWN COMMON
NO LANDSCAPE FIRM LICENSE NO. C-27
MAKING & ASSOCIATES
NO ENGINEERING FIRM LICENSE NO. C-27
MAKING & ASSOCIATES
NO ENGINEERING FIRM LICENSE NO. C-27
MAKING & ASSOCIATES







REV	DATE	DESCRIPTION
1	02/27/2025	ISSUED FOR BID

GREENVILLE TOWN COMMON & ESPLANADE PROJECT

BOARDWALK ENLARGED PILE PLAN

SHEET 1 OF 2

Drawn by	Checked by	Reviewed by
MAKING	MAKING	MAKING
2/27/2025	2/27/2025	2/27/2025

316 FALLS OF NEUSE RD, SUITE 100
GREENVILLE, NC 27634
GREENVILLE TOWN COMMON
NO LANDSCAPE FIRM LICENSE NO. C-27
MAKING & ASSOCIATES
NO ENGINEERING FIRM LICENSE NO. C-27
MAKING & ASSOCIATES
NO ENGINEERING FIRM LICENSE NO. C-27
MAKING & ASSOCIATES





Sheet	Reference No.
S-403	
INDEX	81 OF 114

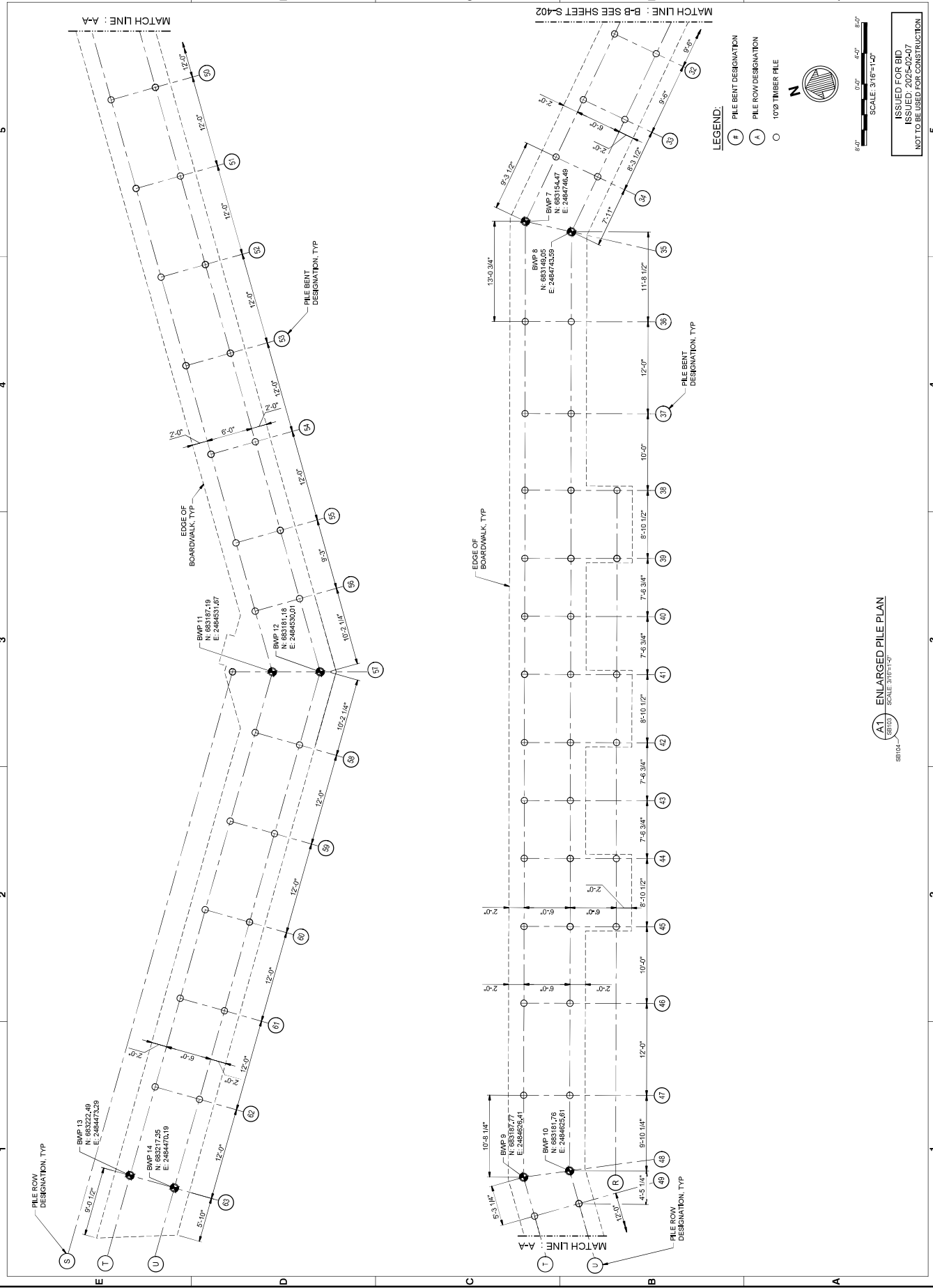
GREENVILLE ENLARGED PILE PLAN
& ESPLANE COMMON
SHEET 2 OF 2

Drawn by	2025-02-07
Checked by	2025-02-07
Reviewed by	2025-02-07
Approved by	2025-02-07

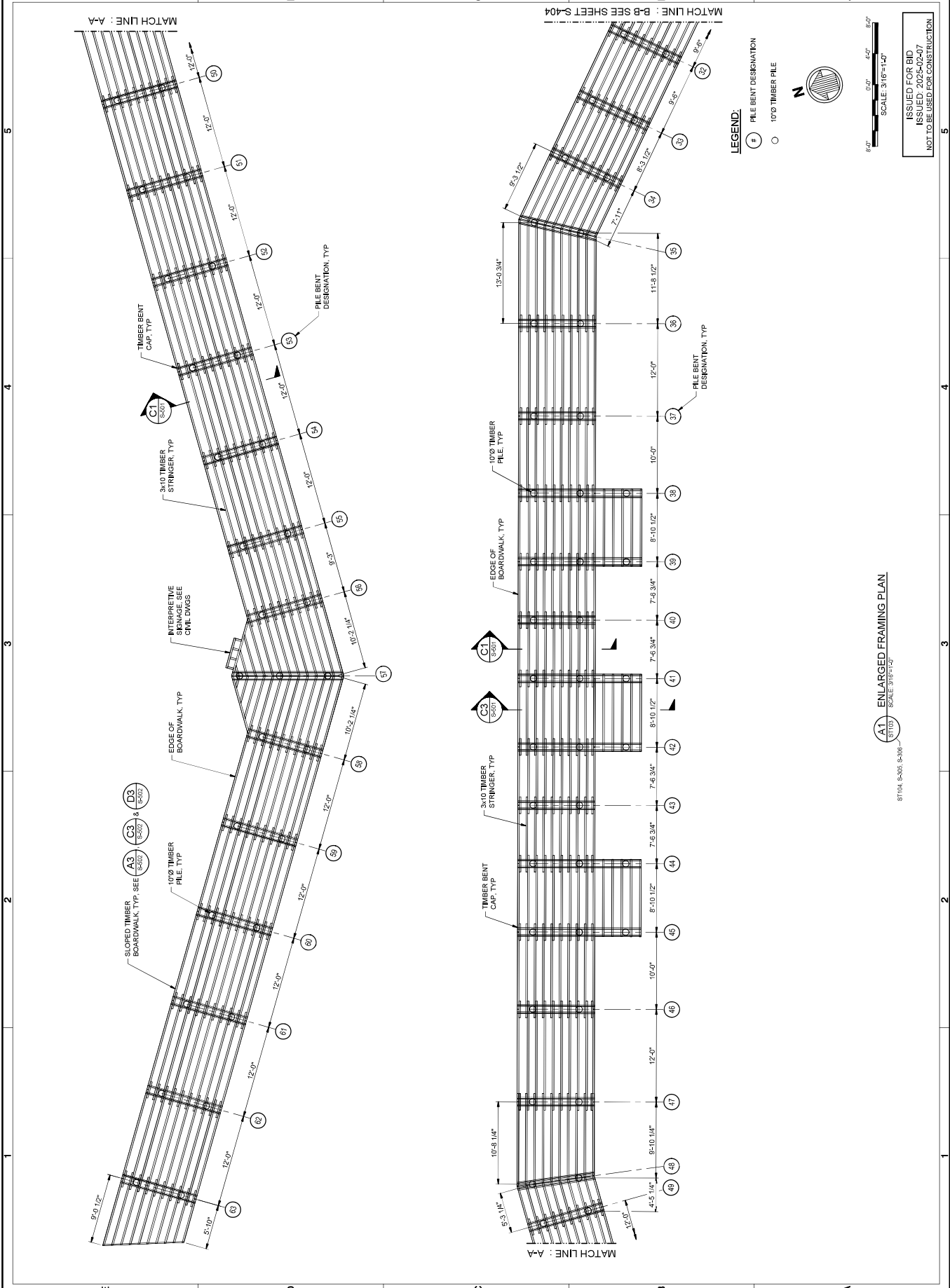
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Project No.	2025-02-07
Project Date	2025-02-07
Project Location	GREENVILLE, NC
Project Description	GREENVILLE ENLARGED PILE PLAN
Project Status	GREENVILLE ENLARGED PILE PLAN



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



DRAWING SCALES SHOWN BASED ON 24"X36" DRAWING



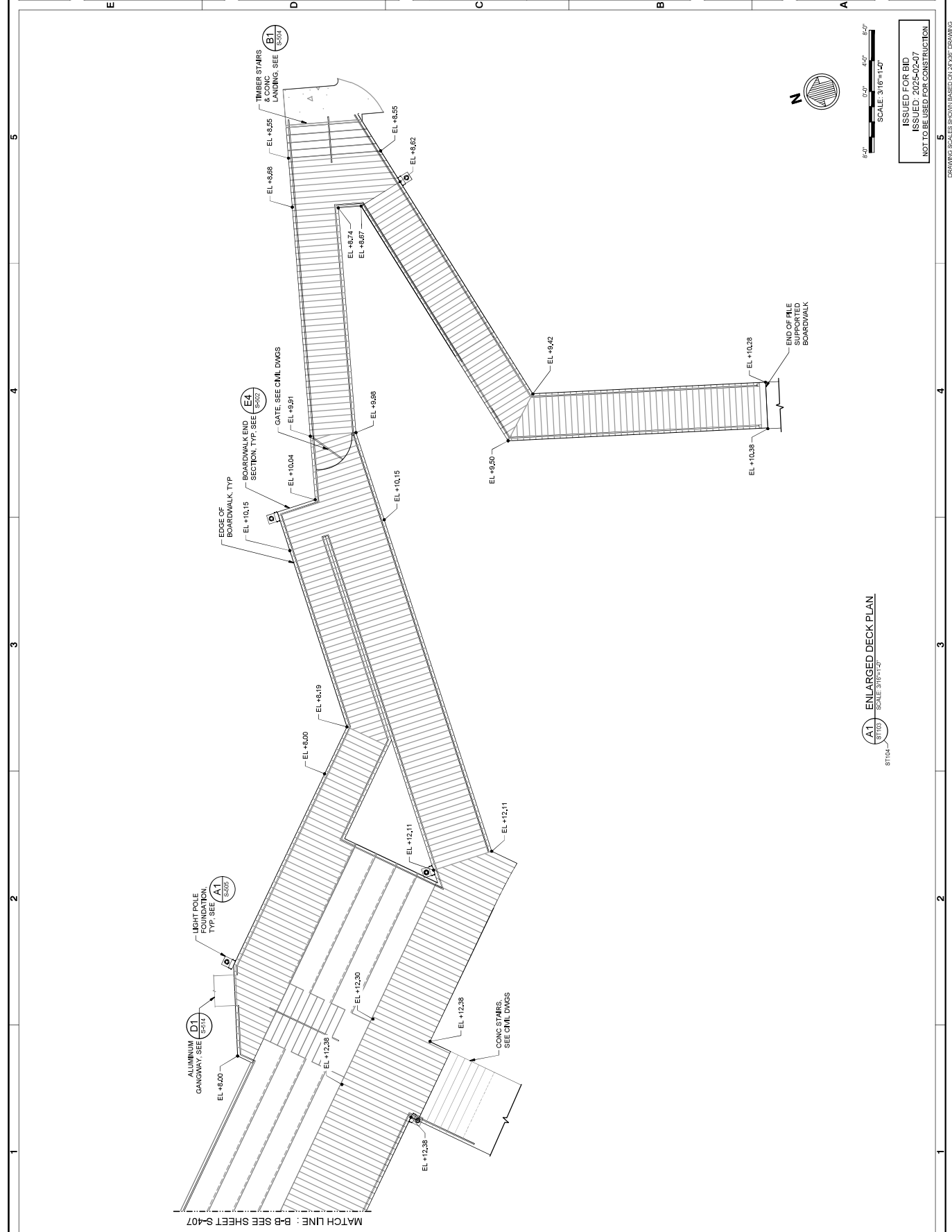


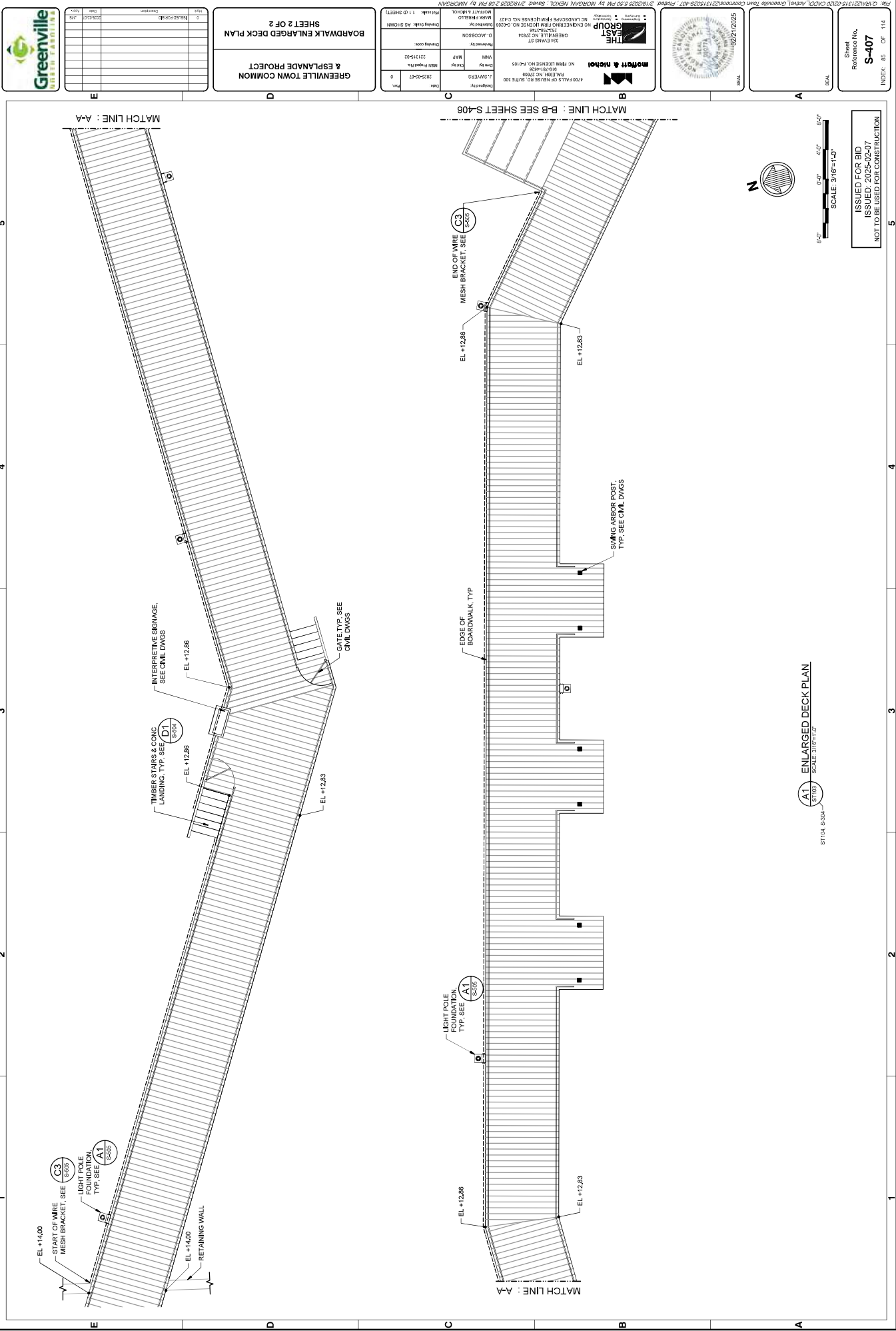
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912-PM-029 N. FM LICENSE NO. 140155	DATE 2005-03-07	DATE 2011-01-07	0
334 ELLIS ST GREENWICH, NC 27824 N. FM LICENSE NO. C-2038	NAME D. JACOBSON	DATE 2005-03-07	0
00 LANDSCAPE FIRM LICENSE NO. C-237	NAME MORRIS & SONS, INC.	DATE 2005-03-07	0

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

BOARDWALK ENLARGED DECK PLAN

SHEET 1 OF 2

[illegible]



DRAWING SCALES SHOWN BASED ON 1/4" = 1'-0" DRAWING

Sheet
Reference No.
S-407
INDEX: 66 OF 114

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

A1 ENLARGED DECK PLAN
SCALE: 3/16" = 1'-0"
SECTION: S-404



SCALE: 3/16" = 1'-0"
8'-0" 4'-0" 2'-0" 1'-0" 0'-0"

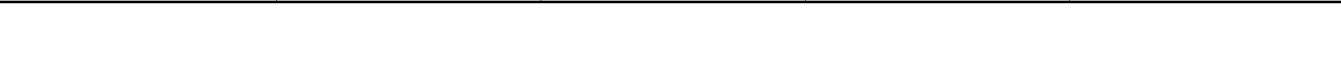


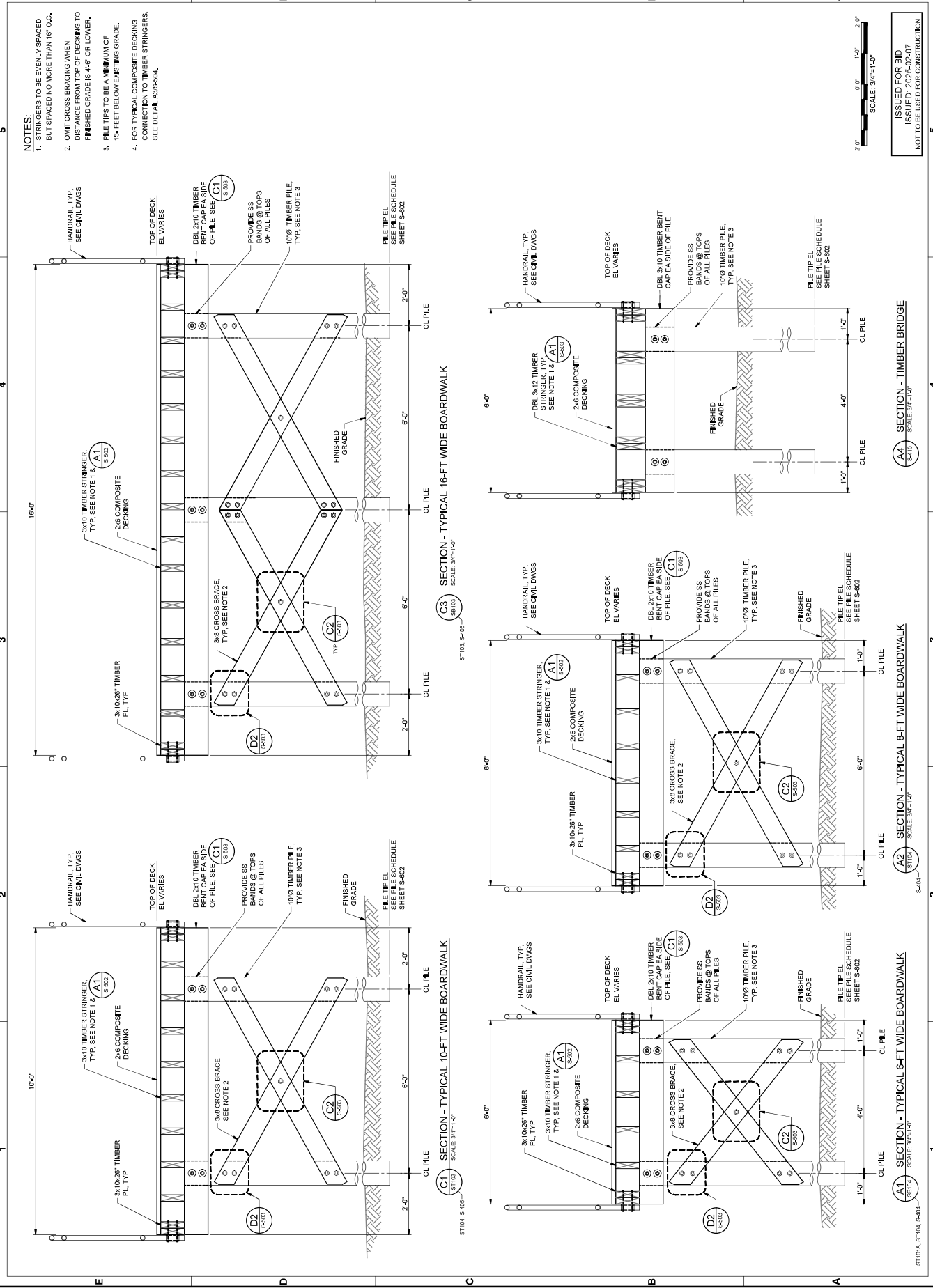
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Client: Greenville Town	Project: Greenville Town Common & Esplanade Project
Design: 2025-02-07	Revision: 1.0
Drawn: 2025-02-07	Checked: 2025-02-07
Scale: 3/16" = 1'-0"	Sheet: S-407

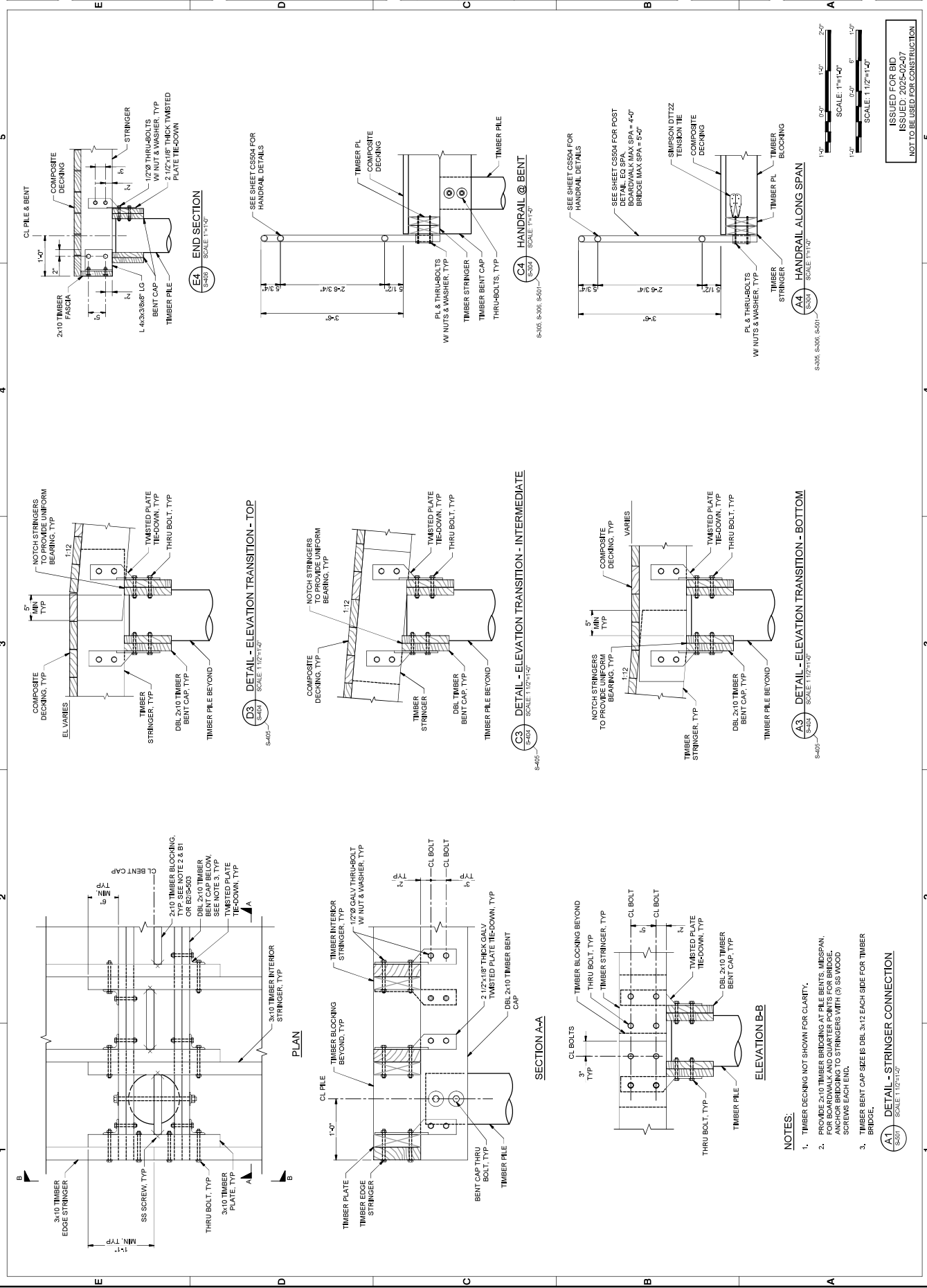
GREENVILLE TOWN COMMON
& ESPLANADE PROJECT
SHEET 2 OF 2
BOARDWALK ENLARGED DECK PLAN

Rev	Description	Date
1	Initial Issue	2025-02-07
2	Revised per comments	2025-02-07











NOTE:
SLEEPERS TO BE EVENLY SPACED
BUT SPACED NO MORE THAN 16" O.C.

B1 **BLOCKING**
S-502 SCALE: 1 1/2"=1'-0"

B2 BLOCKING
9-502
SCALE: 1 1/2"=1'-0"

16"
TYP

A4 SLAB CONNECTION

Diagram illustrating a bridge structure, showing a cross-section of a stringer and twisted plating.



TIE-DOWN, TYP
1"Ø GALV THRU BO
W/ OGEE WASHER
DBL 3x12 PILE CAP
MEMBERS, TYP

TIMBER PILE

1/2" Ø THRU
BOLT, TYP

3x8 TIMBER
STRINGER, TYPE
1/2" STIFFENER PL.

Technical drawing of a rectangular box. The top edge is labeled "2 SC EAC". The front face has a small circle in the center. The side face has a small circle in the center. The bottom edge has a small circle in the center.

A

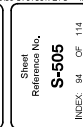
ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

A3 TIMBER BENT CAP CONNECTION
S-410 SCALE: 1 1/2"=1'-0"

A2 **9-503** **TIMBER STRINGER TO**
STL BEAM CONNECTION
SCALE: 1 1/2"=1'-0"

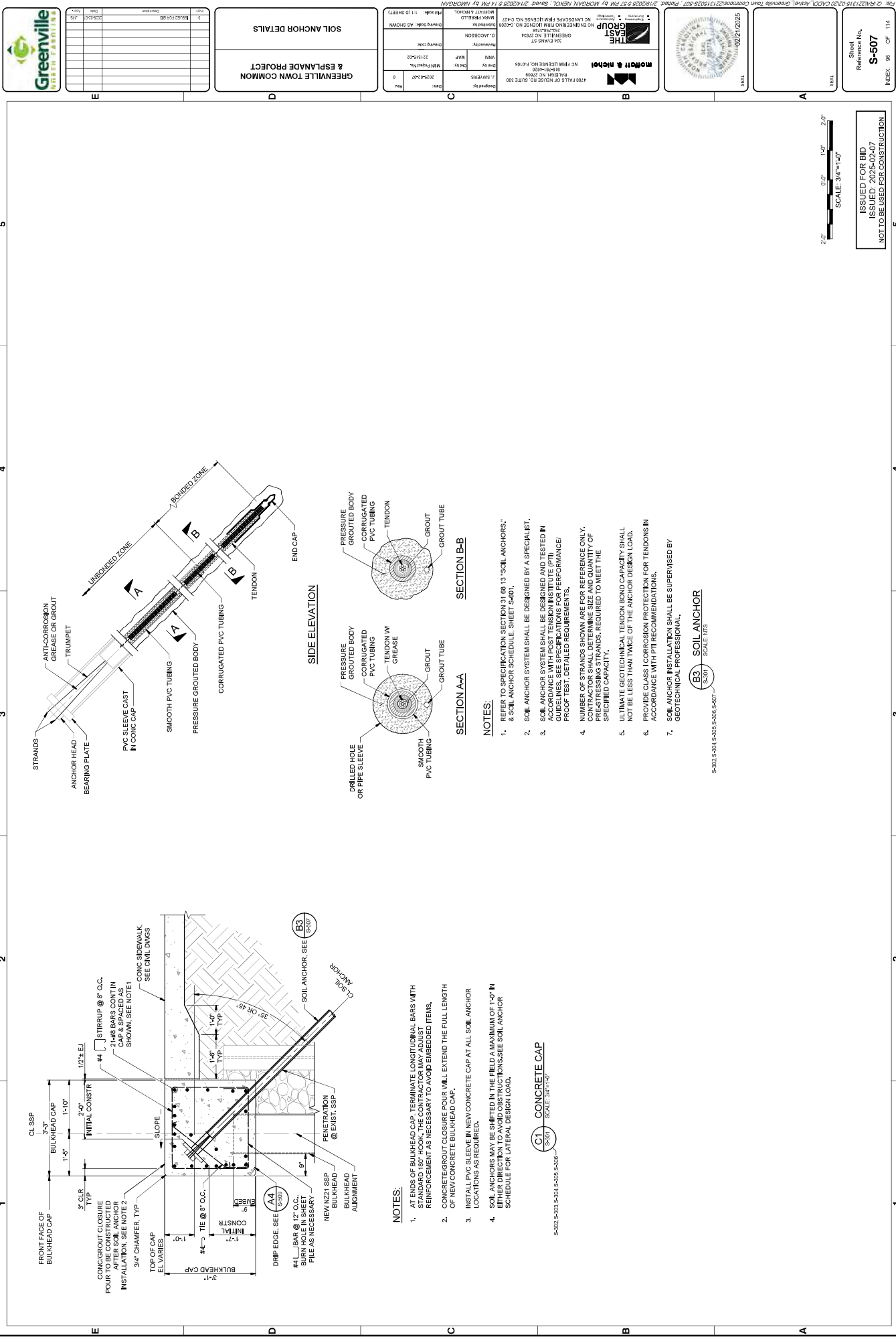
A1 DOUBLE TIMBER ASSEMBLY
S-501
SCALE: NTS

DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING





5
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING



NOTES:

1. AT ENDS OF BULKHEAD CAP, TERMINATE LONGITUDINAL BARS WITH STANDARD 180° HOOK. THE CONTRACTOR MAY ADJUST REINFORCEMENT AS NECESSARY TO AVOID EMBEDDED ITEMS.
2. CONCRETE/GROUT CLOSURE POUR WILL EXTEND THE FULL LENGTH OF NEW CONCRETE BULKHEAD CAP.
3. INSTALL PVC SLEEVE IN NEW CONCRETE CAP AT ALL SOIL ANCHOR LOCATIONS AS REQUIRED.
4. SOIL ANCHORS MAY BE SLOTTED IN THE FIELD A MAXIMUM OF 1'-0" IN EITHER DIRECTION TO AVOID OBSTRUCTIONS. SEE SOIL ANCHOR SCHEDULE FOR LATERAL DESIGN LOAD.

CL CONCRETE CAP
SCALE: 3/8"=1'-0"

NOTES:

1. REFER TO SPECIFICATION SECTION 5.08.13 "SOIL ANCHORS," & SOIL ANCHOR SCHEDULE SHEET S401.
2. SOIL ANCHOR SYSTEM SHALL BE DESIGNED BY A SPECIALIST.
3. SOIL ANCHOR SYSTEM SHALL BE DESIGNED AND TESTED IN ACCORDANCE WITH POST TENSION INSTITUTE (PTI) GUIDELINES. SEE SPECIFICATIONS FOR PERFORMANCE/ PROOF TEST, DETAILED REQUIREMENTS.
4. NUMBER OF STRANDS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR SHALL DETERMINE SIZE AND QUANTITY OF STRANDS BASED ON TENSILE LOADS REQUIRED TO MEET THE SPECIFIED CAPACITY.
5. ULTIMATE GEOTECHNICAL TENSION BOND CAPACITY SHALL NOT BE LESS THAN TWICE OF THE ANCHOR DESIGN LOAD.
6. PROVIDE CLASS I CORROSION PROTECTION FOR TENDONS IN ACCORDANCE WITH PTI RECOMMENDATIONS.
7. SOIL ANCHOR INSTALLATION SHALL BE SUPERVISED BY GEOTECHNICAL PROFESSIONAL.

B3 SOIL ANCHOR
SCALE: 1/8"=1'-0"

S-302, S-303, S-304, S-305, S-306, S-507

SCALE: 3/4"=1'-0"

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

Greenville
GREENVILLE TOWN COMMON

NO.	DESCRIPTION	DATE
1	ISSUED FOR BID	02/27/2025

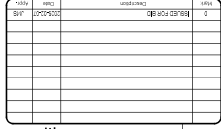
GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

SOIL ANCHOR DETAILS

NO.	DESCRIPTION	DATE
1	ISSUED FOR BID	02/27/2025

Greenville
GREENVILLE TOWN COMMON
1110 FALLS OF NEUSE RD., SUITE 100
RALEIGH, NC 27603
TEL: 919.440.1000
WWW.GREENVILLE-NC.GOV

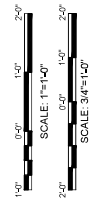
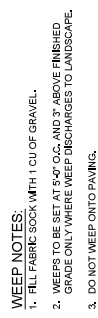
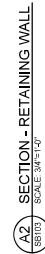
Project No. 2025-02-07
Sheet No. S-507
Index: 96 of 114



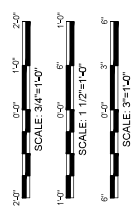
Date:		2025-02-07	Rev:	0
MBN Project No.		221315-02		
Drawing code:				
Drawing scale:		AS SHOWN		
Sheet scale:		1:1 (D SHEET)		



INDEX: 97 OF 114



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION





[illegible]

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT

DEBRIS DEFLECTOR DETAILS
ADDITIVE BID #1

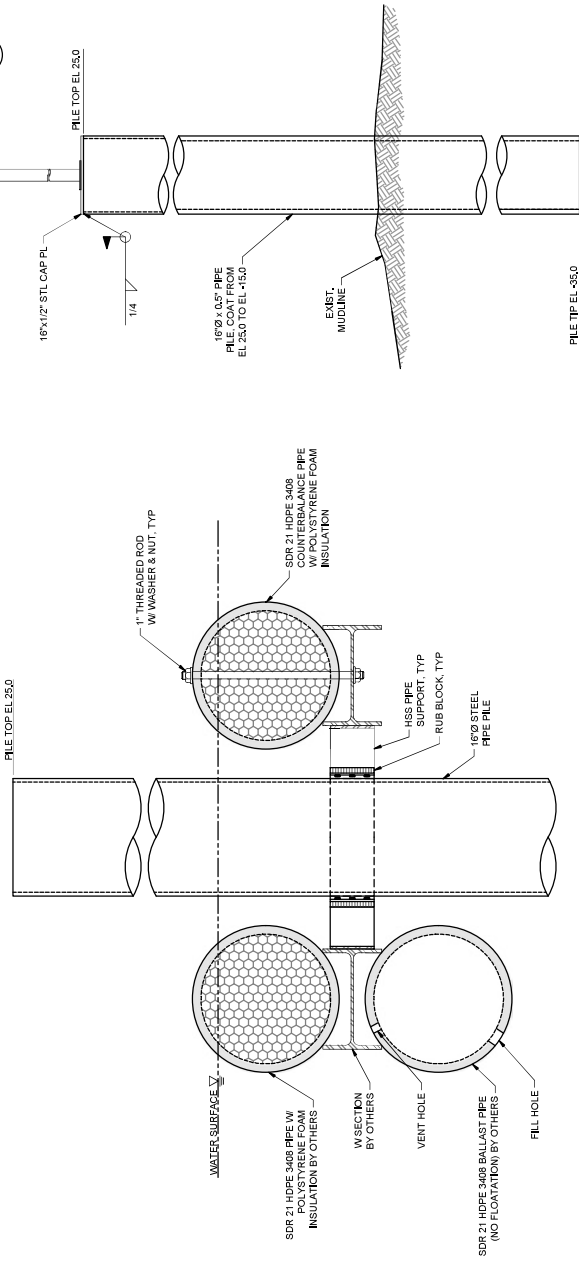
Date:	2025-02-07	Rev:	0
Main Project No. 221315-02			
Drawing code:			
Drawing scale: AS SHOWN			
Sheet No.: 1:1 (D SHEET)			

 4100 FALLS OF NEUSE RD. SUITE 300 RALEIGH, NC 27608 919-281-4456 NC FIRM LICENSE NO. F-1055	THE EAST GROUP  334 EVANS ST GREENVILLE, NC 27634 NO ENGINEERING FIRM LICENSE NO. C-0208 NO LANDSCAPE FIRM LICENSE NO. C-427
Designed By: J. SWYGERS Drawn By: NMAP	Reviewed By: D. JOHNSON MADE IN NORTH CAROLINA

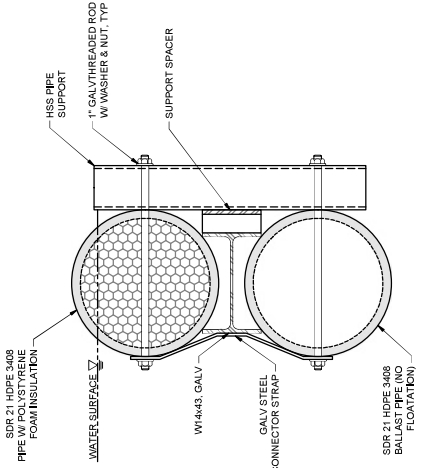


Sheet
Reference No.
S-513

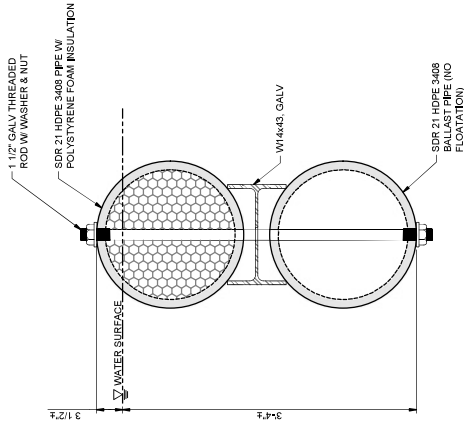
NAVIGATION
LIGHT, SEE
A4
S-512



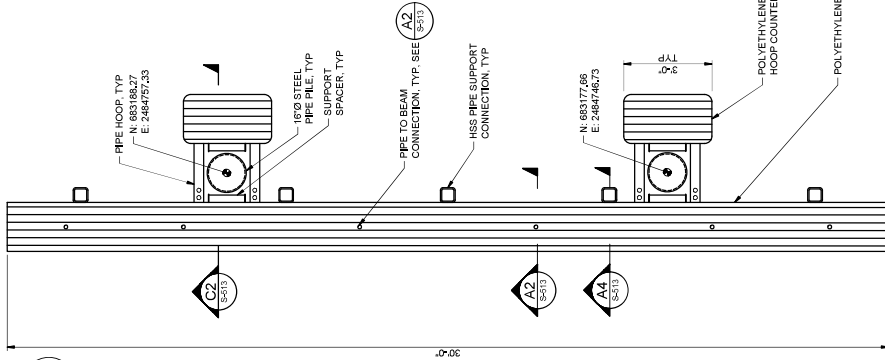
C5 SECTION - STEEL PIPE PILE
S-513 SCALE: 1"=1'-0"



A4 SECTION - PIPE SUPPORT CONNECTION
SCALE: 1 1/2"=1'-0"

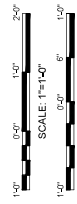


A2 SECTION - PIPE TO BEAM CONNECTION
S-513 SCALE: 1 1/2"=1'-0"



B1 PLAN - DEBRIS DEFLECTOR
SCALE: 1/2"=1'-0"

NOTE: DEBRIS DEFLECTOR SYSTEM TO BE DESIGNED BY MANUFACTURER.

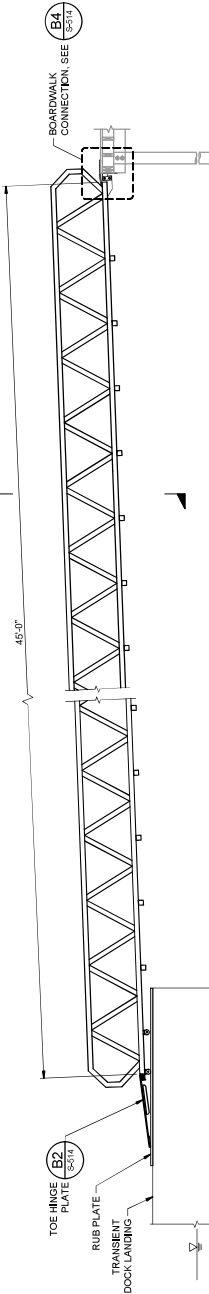


ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

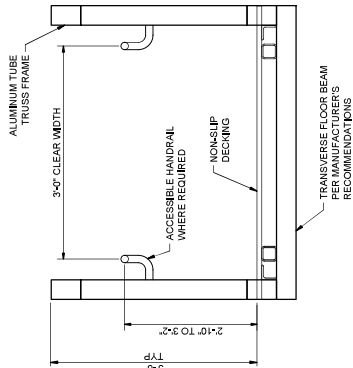
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING

NOTES:

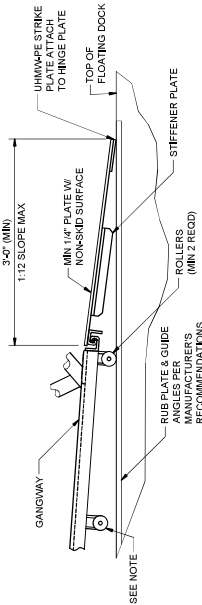
1. SHORE CONNECTION SHALL INCLUDE A TRANSITION PLATE SPANNING FROM THE GANGWAY TO THE SHORE SIDE STRUCTURE.
2. SHORE CONNECTION SHALL BE INCLUDED WITH GANGWAY SUBMITTAL FOR APPROVAL.
3. SHORE CONNECTION SHALL BE DESIGNED TO MEET ALL APPLICABLE DESIGN CRITERIA INCLUDING BUT NOT LIMITED TO CHANGES IN WATER LEVEL, LIVE LOAD, AND WEIGHT OF GANGWAY.



D1 ELEVATION - ALUMINUM GANGWAY
SCALE: NTS
S-409



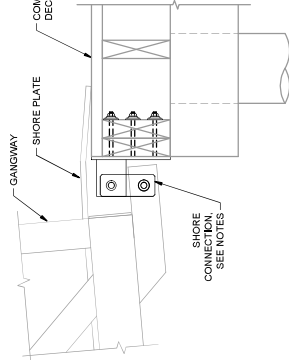
B1 SECTION
SCALE: NTS
S-514



NOTE:

CONTRACTOR SHALL PROVIDE A SECONDARY ROLLER/SUPPORT TO ACCOMMODATE HIGH WATER EVENTS AT FLOATING DOCK ONLY.

B2 DETAIL - HINGE PLATE
SCALE: NTS
S-514



B4 DETAIL - LANDING CONNECTION
SCALE: NTS
S-514



NO.	REVISION	DATE
1	ISSUED FOR BID	02/27/2025
2	FOR CONSTRUCTION	02/27/2025

GREENVILLE TOWN COMMONS
& ESPLANADE PROJECT
GANGWAY DETAILS
ADDITIVE BID #1

Drawn by: J. JACOBSON	Checked by: J. JACOBSON	Reviewed by: J. JACOBSON
Scale: 1/4" = 1'-0"	Scale: 1/4" = 1'-0"	Scale: 1/4" = 1'-0"
Sheet: 1 of 1	Sheet: 1 of 1	Sheet: 1 of 1



Sheet
Reference No.
S-514
INDEX: 103 OF 114

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

TIMBER PILE SCHEDULE						TIMBER PILE SCHEDULE						PIPE PILE SCHEDULE							
PILE BENT	PILE ROW	PILE TYPE	PILE CUTOFF EL (NAVD88)	ESTIMATED PILE TIP EL (NAVD88)	BID LENGTH (VLF)	PILE BENT	PILE ROW	PILE TYPE	PILE CUTOFF EL (NAVD88)	ESTIMATED PILE TIP EL (NAVD88)	BID LENGTH (VLF)	PILE LINE	PILE ROW	PILE SIZE	PILE CUTOFF EL (NAVD88)	ESTIMATED PILE TIP EL (NAVD88)	BID LENGTH (VLF)		
E	1	A	10"Ø TIMBER	9.2	+10.8	20	37	T	10"Ø TIMBER	12.0	-8.0	20	69	X	12" X-STRONG	20.3	-8.7	30	
		B	10"Ø TIMBER	9.1	+10.9	20	V	10"Ø TIMBER	11.9	-8.1	20	Y		12" X-STRONG	20.3	-8.7	30		
	2	A	10"Ø TIMBER	8.9	+11.1	20	T	10"Ø TIMBER	12.0	-8.0	20	Z		12" X-STRONG	20.3	-8.7	30		
	D	3	B	10"Ø TIMBER	8.7	+11.3	20	38	V	10"Ø TIMBER	11.9	-8.1	20	70	AA	12" X-STRONG	20.3	-8.7	30
			C	10"Ø TIMBER	8.6	+11.4	20	R	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		4	D	10"Ø TIMBER	8.5	+11.5	20	T	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
	D	5	C	10"Ø TIMBER	8.3	+11.7	20	39	R	10"Ø TIMBER	11.9	-8.1	20	71	Z	12" X-STRONG	20.3	-8.7	30
			D	10"Ø TIMBER	8.4	+11.6	20	V	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		6	C	10"Ø TIMBER	8.0	+12.0	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		C	7	D	10"Ø TIMBER	8.1	+11.9	20	40	V	10"Ø TIMBER	12.0	-8.0	20	72	Y	12" X-STRONG	20.3	-8.7
			E	10"Ø TIMBER	7.7	+12.3	20	T	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
8			F	10"Ø TIMBER	7.7	+12.3	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
C		9	E	10"Ø TIMBER	7.9	+12.1	20	41	V	10"Ø TIMBER	11.9	-8.1	20	73	Y	12" X-STRONG	20.3	-8.7	30
			F	10"Ø TIMBER	7.8	+12.2	20	R	10"Ø TIMBER	12.0	-8.0	20	Z		12" X-STRONG	20.3	-8.7	30	
		10	F	10"Ø TIMBER	8.3	+11.7	20	T	10"Ø TIMBER	11.9	-8.1	20	AA		12" X-STRONG	20.3	-8.7	30	
		B	11	F	10"Ø TIMBER	8.2	+11.8	20	42	T	10"Ø TIMBER	12.0	-8.0	20	74	X	12" X-STRONG	20.3	-8.7
			E	10"Ø TIMBER	8.7	+11.3	20	V	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	12		F	10"Ø TIMBER	8.6	+11.4	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	A	13	E	10"Ø TIMBER	9.1	+10.9	20	43	T	10"Ø TIMBER	12.0	-8.0	20	75	AA	12" X-STRONG	20.3	-8.7	30
			F	10"Ø TIMBER	9.0	+11.0	20	V	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		14	G	10"Ø TIMBER	9.2	+10.8	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		A	15	H	10"Ø TIMBER	9.2	+10.8	20	44	V	10"Ø TIMBER	11.9	-8.1	20	76	Z	12" X-STRONG	20.3	-8.7
			H	10"Ø TIMBER	9.2	+10.8	20	T	10"Ø TIMBER	12.0	-8.0	20	AA	12" X-STRONG		20.3	-8.7	30	
16			G	10"Ø TIMBER	9.2	+10.8	20	R	10"Ø TIMBER	11.9	-8.1	20	X	12" X-STRONG		20.3	-8.7	30	
A		17	J	10"Ø TIMBER	9.3	+10.7	20	45	V	10"Ø TIMBER	12.0	-8.0	20	77	Y	12" X-STRONG	20.3	-8.7	30
			H	10"Ø TIMBER	9.3	+10.7	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		18	J	10"Ø TIMBER	9.3	+10.7	20	R	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		A	19	H	10"Ø TIMBER	9.7	+10.3	20	46	V	10"Ø TIMBER	12.0	-8.0	20	78	X	12" X-STRONG	20.3	-8.7
			H	10"Ø TIMBER	9.7	+10.3	20	T	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	20		K	10"Ø TIMBER	10.2	-9.8	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	B	21	G	10"Ø TIMBER	10.7	-9.3	20	47	V	10"Ø TIMBER	12.0	-8.0	20	79	AA	12" X-STRONG	20.3	-8.7	30
			G	10"Ø TIMBER	10.7	-9.3	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		22	H	10"Ø TIMBER	11.2	-8.8	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		B	23	I	10"Ø TIMBER	8.6	+11.4	20	48	T	10"Ø TIMBER	12.0	-8.0	20	80	Z	12" X-STRONG	20.3	-8.7
			I	10"Ø TIMBER	8.4	+11.6	20	V	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
24			J	10"Ø TIMBER	7.9	+12.1	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
B		25	J	10"Ø TIMBER	7.5	+12.5	20	49	V	10"Ø TIMBER	12.0	-8.0	20	81	Y	12" X-STRONG	20.3	-8.7	30
			J	10"Ø TIMBER	7.5	+12.5	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		26	K	10"Ø TIMBER	7.3	+12.7	20	R	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		B	27	K	10"Ø TIMBER	7.1	+12.9	20	50	V	10"Ø TIMBER	12.0	-8.0	20	82	X	12" X-STRONG	20.3	-8.7
			K	10"Ø TIMBER	7.1	+12.9	20	T	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	28		L	10"Ø TIMBER	7.1	+12.9	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	A	29	M	10"Ø TIMBER	7.1	+12.9	20	51	V	10"Ø TIMBER	12.0	-8.0	20	83	AA	12" X-STRONG	20.3	-8.7	30
			M	10"Ø TIMBER	7.1	+12.9	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		30	K	10"Ø TIMBER	7.1	+12.9	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		A	31	L	10"Ø TIMBER	7.1	+12.9	20	52	T	10"Ø TIMBER	12.0	-8.0	20	84	Z	12" X-STRONG	20.3	-8.7
			L	10"Ø TIMBER	7.1	+12.9	20	V	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
32			P	10"Ø TIMBER	11.2	-8.8	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
A		33	N	10"Ø TIMBER	11.2	-8.8	20	53	V	10"Ø TIMBER	12.0	-8.0	20	85	Y	12" X-STRONG	20.3	-8.7	30
			N	10"Ø TIMBER	11.2	-8.8	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		34	P	10"Ø TIMBER	11.4	-8.6	20	R	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		A	35	O	10"Ø TIMBER	11.4	-8.6	20	54	T	10"Ø TIMBER	12.0	-8.0	20	86	X	12" X-STRONG	20.3	-8.7
			O	10"Ø TIMBER	11.4	-8.6	20	T	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	36		Q	10"Ø TIMBER	11.5	-8.5	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	A	37	Q	10"Ø TIMBER	11.5	-8.5	20	55	V	10"Ø TIMBER	12.0	-8.0	20	87	AA	12" X-STRONG	20.3	-8.7	30
			Q	10"Ø TIMBER	11.5	-8.5	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		38	Q	10"Ø TIMBER	11.6	-8.4	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		A	39	Q	10"Ø TIMBER	11.6	-8.4	20	56	T	10"Ø TIMBER	12.0	-8.0	20	88	Z	12" X-STRONG	20.3	-8.7
			Q	10"Ø TIMBER	11.7	-8.3	20	V	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
40			Q	10"Ø TIMBER	11.7	-8.3	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
A		41	Q	10"Ø TIMBER	11.8	-8.2	20	57	V	10"Ø TIMBER	12.0	-8.0	20	89	Y	12" X-STRONG	20.3	-8.7	30
			Q	10"Ø TIMBER	11.8	-8.2	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		42	Q	10"Ø TIMBER	11.9	-8.1	20	R	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		A	43	Q	10"Ø TIMBER	11.9	-8.1	20	58	V	10"Ø TIMBER	12.0	-8.0	20	90	X	12" X-STRONG	20.3	-8.7
			Q	10"Ø TIMBER	11.9	-8.1	20	T	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	44		Q	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	A	45	T	10"Ø TIMBER	12.0	-8.0	20	59	V	10"Ø TIMBER	12.0	-8.0	20	91	AA	12" X-STRONG	20.3	-8.7	30
			T	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		46	V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		A	47	V	10"Ø TIMBER	12.0	-8.0	20	60	T	10"Ø TIMBER	12.0	-8.0	20	92	Z	12" X-STRONG	20.3	-8.7
			V	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
48			V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
A		49	V	10"Ø TIMBER	12.0	-8.0	20	61	T	10"Ø TIMBER	12.0	-8.0	20	93	Y	12" X-STRONG	20.3	-8.7	30
			V	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		50	V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	AA		12" X-STRONG	20.3	-8.7	30	
		A	51	V	10"Ø TIMBER	12.0	-8.0	20	62	T	10"Ø TIMBER	12.0	-8.0	20	94	X	12" X-STRONG	20.3	-8.7
			V	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	Y	12" X-STRONG		20.3	-8.7	30	
	52		V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	Z	12" X-STRONG		20.3	-8.7	30	
	A	53	V	10"Ø TIMBER	12.0	-8.0	20	63	T	10"Ø TIMBER	12.0	-8.0	20	95	AA	12" X-STRONG	20.3	-8.7	30
			V	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	X		12" X-STRONG	20.3	-8.7	30	
		54	V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	Y		12" X-STRONG	20.3	-8.7	30	
		A	55	V	10"Ø TIMBER	12.0	-8.0	20	64	T	10"Ø TIMBER	12.0	-8.0	20	96	Z	12" X-STRONG	20.3	-8.7
			V	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	AA	12" X-STRONG		20.3	-8.7	30	
56			V	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø TIMBER	12.0	-8.0	20	X	12" X-STRONG		20.3	-8.7	30	
A		57	S	10"Ø TIMBER	12.0	-8.0	20	65	T	10"Ø TIMBER	12.0	-8.0	20	97	Y	12" X-STRONG	20.3	-8.7	30
			S	10"Ø TIMBER	12.0	-8.0	20	T	10"Ø TIMBER	11.9	-8.1	20	Z		12" X-STRONG	20.3	-8.7	30	
		58	U	10"Ø TIMBER	12.0	-8.0	20	R	10"Ø										

ELECTRICAL GENERAL NOTES

1. UNLESS SPECIFICALLY NOTED TO BE EXISTING, ALL WORK AND MATERIAL SHOWN ARE NEW AND SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, APPURTENANCES, SERVICES AND SUPERVISION FOR ALL WORK TO BE WORKED INTO A COMPLETE, CONVENIENT, AND ECONOMICAL SYSTEM OR SYSTEMS. ALL APPARATUS, PARTS, MATERIAL, AND ACCESSORIES WHICH ARE NECESSARY TO ACCOMPLISH THE WORK SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO MEET THE PARAMETERS INDICATED, MANUFACTURERS INSTRUCTIONS, WRITTEN OR OTHERWISE. SHALL BE FOLLOWED UNLESS SUPERSEDED HERE IN. ALL ITEMS SHOWN ARE NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS SPECIFICALLY INDICATED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING WORK, WIRING, AND MISCELLANEOUS ITEMS AS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
2. PROVIDE IS DEFINED TO MEAN THAT THE CONTRACTOR SHALL FURNISH, INSTALL, ADJUST, TEST AND INTEGRATE INTO A COMPLETE SYSTEM THE ITEM INDICATED, INCLUDING ALL HARDWARE, WIRING, AND MISCELLANEOUS ITEMS AS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
3. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING, CONDUIT, AND CONDUIT FITTINGS AND ACCESSORIES NOT PROVIDED BY OTHERS AND OTHER CONTRACTORS, UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE CONTRACT DOCUMENTS AS A WHOLE, THE ASSOCIATED APPURTENANCES FOR ALL EQUIPMENT REQUIRING POWER THAT IS NOT INDICATED ON THE ELECTRICAL DRAWINGS BUT INDICATED IN THE CONTRACT DOCUMENTS. THIS WORK SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
5. WHEREVER A NEW TO EXISTING CONNECTION IS REQUIRED, PROVIDE DEVICES, EXTENSION RINGS, SIZES, WIRE, CONDUIT FITTINGS, AND ASSOCIATED APPURTENANCES, PERFORM ALL CUTTING AND PATCHING AS REQUIRED TO MAKE THE CONNECTIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION OF ALL NEW WORK IDENTIFIED IN THE CONTRACT DOCUMENTS INCLUDING NEW WORK DEFINED IN THE EXISTING AND NEW ELECTRICAL ROOM LAYOUTS.
7. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS, DURING THE VISIT AND/ OR DURING CONSTRUCTION. IF ANY CONFLICTS OF THE CONTRACTOR TO PROVIDE SKETCHES TO THE ENGINEER OF RECORD ON THE CORRECTIVE MEASURES OF THE CONFLICT PRIOR TO THE WORK BEING PERFORMED, THE ENGINEER SHALL PROVIDE RECOMMENDATIONS BACK TO THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INCLUDE LABOR AND MATERIALS AT NO ADDITIONAL COST TIME TO THE OWNER AND NO ADDITIONAL COST TO THE CONTRACT AMOUNT.
8. THE CONTRACTOR SHALL CLOSELY STUDY THE CONSTRUCTION SEQUENCE AND NOTES AS OUTLINED. SLIGHT DEVIATIONS FROM CONFINED WORK SPACES MAY BE NECESSARY TO FULLY COMPLETE A CONSTRUCTION AREA AS OUTLINED ON THAT SHEET, THE DEVIATIONS SHALL BE MADE WITHIN THE LIMITS OF THE CONTRACT DOCUMENTS. HOWEVER, ALL SUCH DEVIATIONS SHALL BE MADE WITH NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL VERIFY LOCATION, SIZE AND LOAD OF ALL EQUIPMENT BEING INSTALLED. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND LOAD OF ALL EQUIPMENT ARE INSTALLED OTHER THAN INDICATED OR EQUIPMENT OF HIGHER OR LOWER LOADS IS INSTALLED. THE SIZE OF STARTERS, CIRCUITRY, PROTECTIVE DEVICES, AND ACCESSORIES SHALL BE ADJUSTED ACCORDINGLY AT NO ADDITIONAL COST TO THE OWNER.
10. CONDUIT ROUTINGS SHALL NOT INTERFERE WITH NEW OR EXISTING EQUIPMENT, PIPING, CONDUIT OR WORK AND SHALL NOT OBSTRUCT ACCESS TO ANY EQUIPMENT.
11. ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF LIGHTING FIXTURES AND DEVICES WITH OTHER CONTRACTORS WHOSE WORK IT WILL AFFECT. ANY WORK REQUIRED BY OTHER CONTRACTORS DIRECTLY RELATED TO THE WORK TO BE PERFORMED BY THE ELECTRICAL CONTRACTOR SHALL BE COMPLETED PRIOR TO THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR THE WORK PERFORMED.
12. A SEPARATE EQUIPMENT GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUITS, THE EQUIPMENT SHALL BE INSTALLED WITHIN THE SAME RACEWAY OR CONDUIT AS THE CIRCUIT SUCH THAT REMOVAL OF ANY DEVICE OR EQUIPMENT CANNOT INTERRUPT THE CONTINUITY OF THE EQUIPMENT GROUNDING CONDUCTOR TO AND FROM OTHER DEVICES OR EQUIPMENT.
13. WIRE AND CONDUIT FOR EQUIPMENT LOADS SHALL BE CONTINUOUS IN SIZE AND COUNT FROM THE SOURCE TO THE FINAL CONNECTION. SIZE AND COUNT SHALL BE AS INDICATED ON THE CIRCUIT HOMERUN, UNLESS OTHERWISE NOTED.
14. PROVIDE DIRECTORIES IN PANELBOARDS COMPLETE WITH LOAD TYPE, AND LOCATIONS.
15. PROVIDE STAINLESS STEEL CABLE/CONDUIT TAGS WITH STAINLESS STEEL STRAPS, EMBOSSED WITH IDENTIFICATION NUMBER, AND IDENTIFICATION NUMBER. PROVIDE IDENTIFICATION CONDUITS WIRE TERMINATIONS, WANCHES, HANDHOLES, TERMINATION BOXES, AND EXPOSED CONDUITS AT TERMINATIONS AND EVERY 100' OF EXPOSED CONDUIT.
16. PROVIDE COVER PLATES FOR ALL REMOVED ELECTRICAL SERVICE POINT OUTLETS, AND UNUSED EQUIPMENT REMOVED AS PART OF THIS PROJECT SCOPE.
17. ALL EMPTY CONDUITS SHALL HAVE A PULL STRING INSTALLED.
18. THE USE OF NYLON CABLE TIES IS STRICTLY PROHIBITED EXCEPT FOR TRAINING OF CONDUITS OR WHEN USED TO SECURE SWITCHGEAR, TRANSFORMER, TRANSFORMER SWITCHES, OR OTHER ELECTRICAL EQUIPMENT. CABLE TIES SHALL BE USED TO SECURE CONDUITS ONLY WHEN THEY ARE NOT ENCLOSURES. SHALL BE REMOVED REGARDLESS IF THEY ARE PLENUM RATED, MEANS OF SUPPORTING CONDUCTORS AND CONDUIT SHALL BE BY A METALLIC UL LISTED PRODUCT FOR SUPPORT OR THE USE.
19. MOUNTING HEIGHTS OF LIGHTING FIXTURES ARE AS SCHEDULED OR INDICATED ON DRAWINGS, HOWEVER, JOB CONDITIONS REQUIRE MOUNTING HEIGHTS DIFFERENT FROM THOSE SHOWN (SPECIFICALLY IN MECHANICAL ROOMS AND PLATFORM AREAS) TO AVOID PIPES, EQUIPMENT, OR OTHER OBSTRUCTIONS. MOUNTING HEIGHTS SHALL BE AS INDICATED ON DRAWINGS, UNLESS OTHERWISE NOTED.
20. SERVICE UNDERGROUND CONDUIT THROUGH AREAS COVERED BY GRASS, ATTEMPT TO MINIMIZE PATH OF CONDUIT THROUGH CONCRETE AREAS.
21. THE CUTTING OF HOLES FOR PENETRATIONS THROUGH CONCRETE AND MASONRY ASSEMBLIES IN NEW AND EXISTING STRUCTURES SHALL BE EXECUTED WITH A DIAMOND CORE DRILL OR CONCRETE SAW. PNEUMATIC HAMMER, IMPACT ELECTRIC, HAND OR MANUAL, HAMMER TYPE AS SPECIFIED, SHALL BE USED FOR PENETRATIONS. PENETRATIONS SHALL BE REPRESENTATIVE AS REQUIRED BY LIMITED WORKING SPACE.
22. PAINT ALL SURFACE MOUNTED CONDUITS TO MATCH ADJACENT SURFACES, UNLESS OTHERWISE NOTED.
23. THE TERM "CONDUIT" AS USED ON THIS PROJECT DOES NOT IMPLY A QUANTITY OF ONE SINGLE CONDUIT - IT COULD ALSO MEAN MORE THAN ONE CONDUIT. SEE PLANS FOR CONDUIT QUANTITIES.
24. MOUNTING HEIGHTS SHALL BE TO THE CENTER OF THE DEVICE INDICATED, UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS OF DEVICES SHALL BE INSTALLED PER THE DRAWINGS AND IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).
25. THE LATEST EFFECTIVE PUBLICATION OF THE FOLLOWING STANDARDS, CODES, ETC., FORM A PART OF THESE SPECIFICATIONS:
- AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
ASTM INTERNATIONAL (ASTM)
INTERNATIONAL BUILDING CODE (IBC 2015).
INTERNATIONAL FIRE CODES (IFC).
INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS(IEEE).
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA).
NATIONAL FIRE PROTECTION ASSOCIATION.
NATIONAL ELECTRICAL CODE (NEC 2020).
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
ILLUMINATING ENGINEERING SOCIETY (IES).
26. PEDESTRIAN PATHWAY LIGHTING CRITERIA:
A. IES G+ SECURITY LIGHTING FOR PUBLIC ACCESS
B. PEDESTRIAN PATHWAY:
0.8 FC MINIMUM AVERAGE
41 AVG/MIN RATIO
27. FLOOD ELEVATION:
A. SERVICE EQUIPMENT LOCATED IN FLOOD ZONE X PER FEMA FLOOD MAP #372048800K.
B. ALL ELECTRICAL EQUIPMENT MUST BE KEPT OUT OF REGULATORY FLOOD ZONE PER FEMA FLOOD MAP #372048800K. ELECTRICAL EQUIPMENT SHALL BE 7' ABOVE BASE FLOOD ELEVATION.

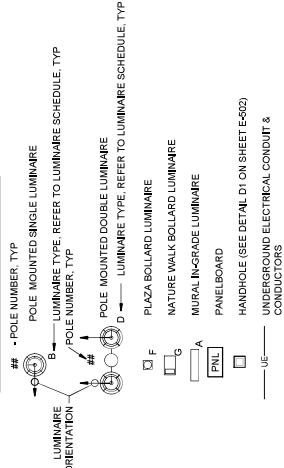
ABBREVIATIONS

ALL ABBREVIATIONS ARE NOT NECESSARILY USED

- [illegible]

LEGEND

ALL SYMBOLS ARE NOT NECESSARILY USED



CABLE CALLOUT DEFINITION

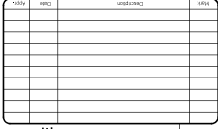
DUCTBANK COMPRISED OF SIX TWO-INCH CONDUITS

— CABLES P026 AND

(6) 2" CONDUITS [P026/P027, P028, (4) SPARES]

CABLE P028 IN A CONDUIT





Company Name	Company Code	Company Type	Company Address	Company Phone	Company Email	Company Website	Company Logo
400 TALLS OF NATURE SUITE 200	400T	RES	2000 N. 10TH AVE.	704.766.1000	400T@TALLSOFNATURE.COM	WWW.TALLSOFNATURE.COM	
MALEIGH INC 2000	MALE	RES	2000 N. 10TH AVE.	704.766.1000	MALEIGH@MALEIGHINC.COM	WWW.MALEIGHINC.COM	
NC FARM ESTATE INC 40105	NCFA	RES	40105 N. 10TH AVE.	704.766.1000	NCFARM@NCFARMESTATE.COM	WWW.NCFARMESTATE.COM	
2000 N. 10TH AVE	2000	RES	2000 N. 10TH AVE.	704.766.1000	2000@2000N10THAVE.COM	WWW.2000N10THAVE.COM	
THE EAST GROUP	THEE	RES	2000 N. 10TH AVE.	704.766.1000	THEE@THEEASTGROUP.COM	WWW.THEEASTGROUP.COM	
NO LANDSCAPE MAINTENANCE CO INC	NOLM	RES	2000 N. 10TH AVE.	704.766.1000	NOLM@NOLANDSCAPEMAINTENANCE.COM	WWW.NOLANDSCAPEMAINTENANCE.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
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CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
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CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N. 10TH AVE.	704.766.1000	CONC@CONCRETEBYDESIGN.COM	WWW.CONCRETEBYDESIGN.COM	
CONCRETE BY DESIGN INC 400T	CONC	RES	2000 N.				

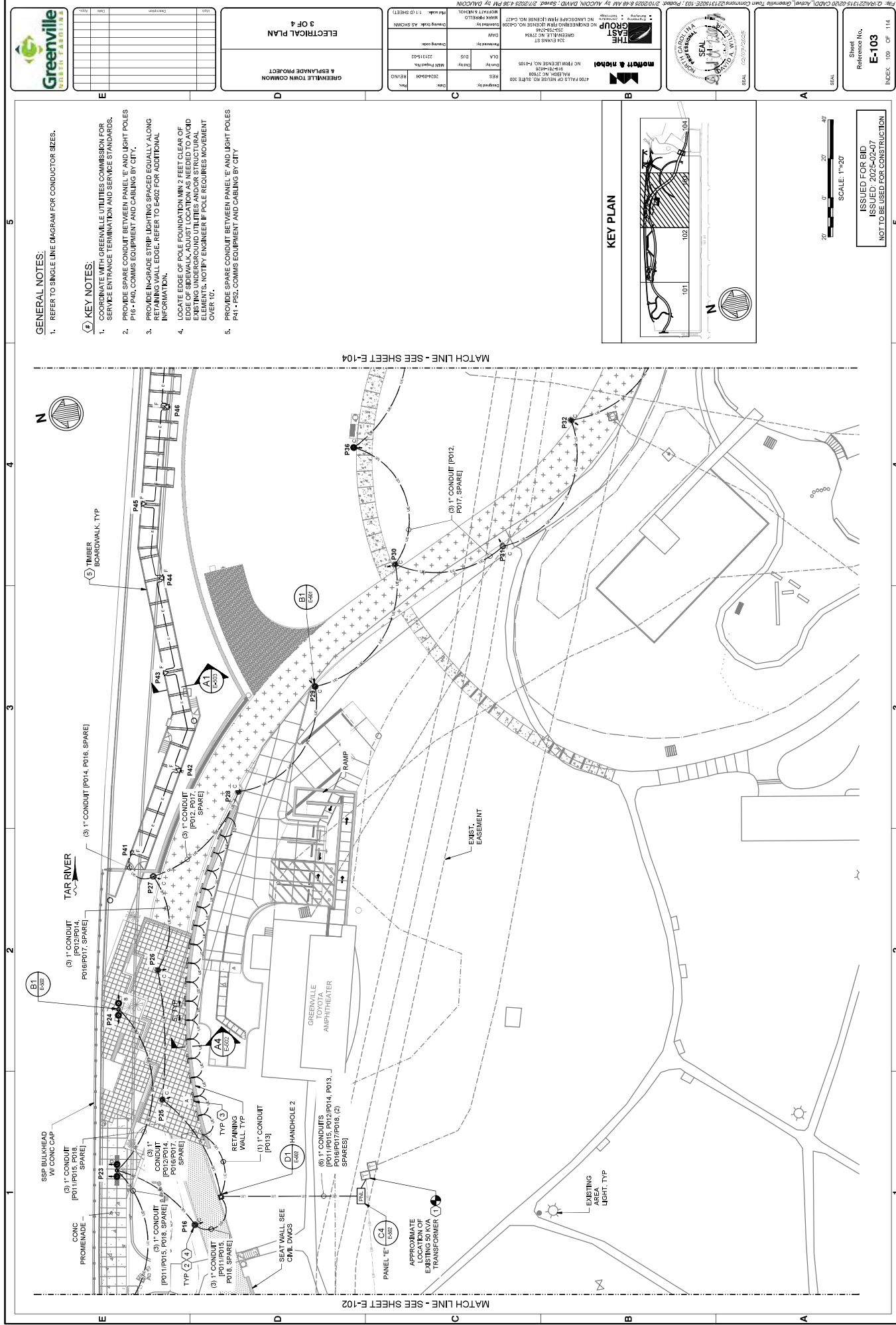


INDEX: 107 OF 114

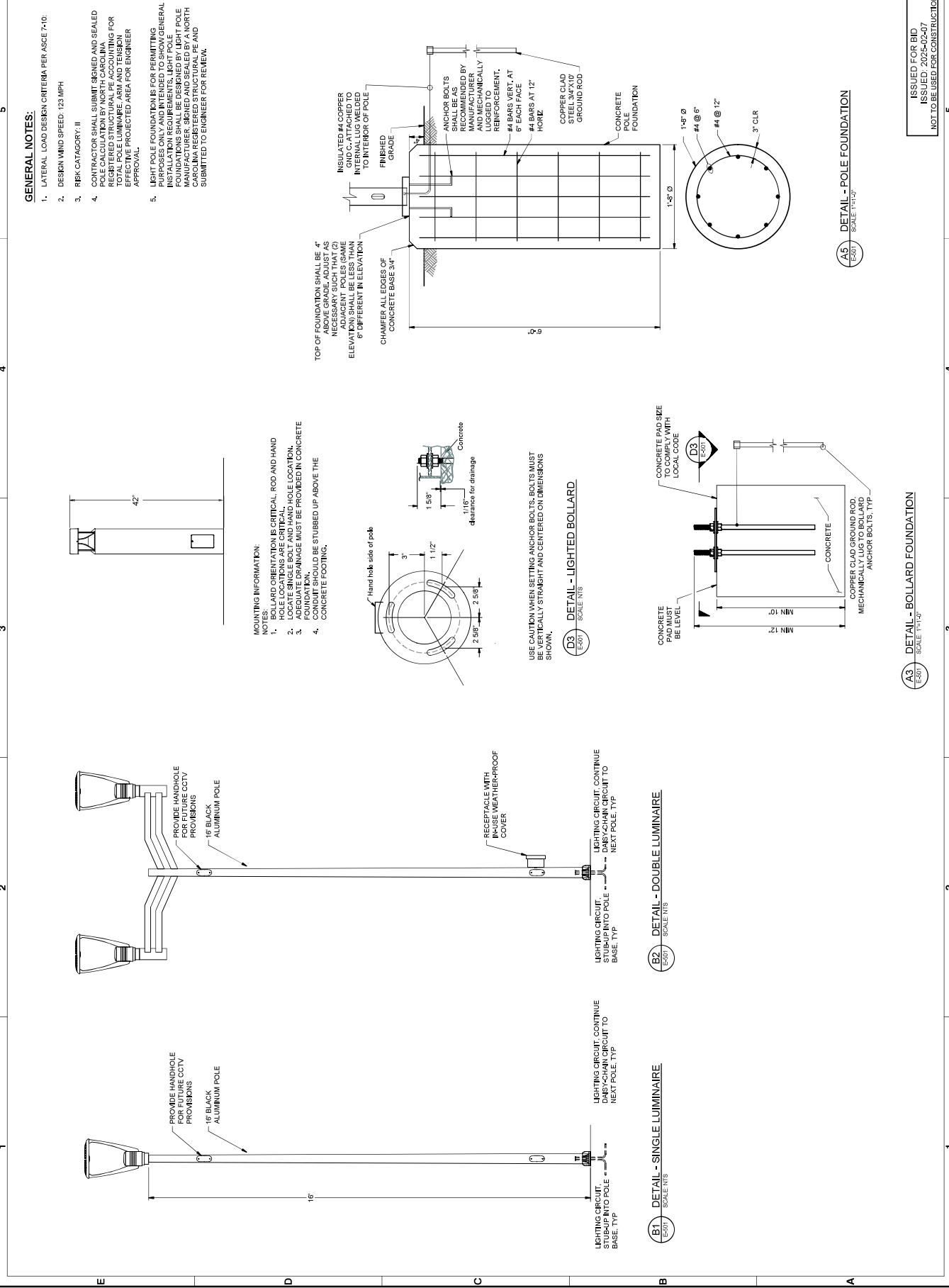
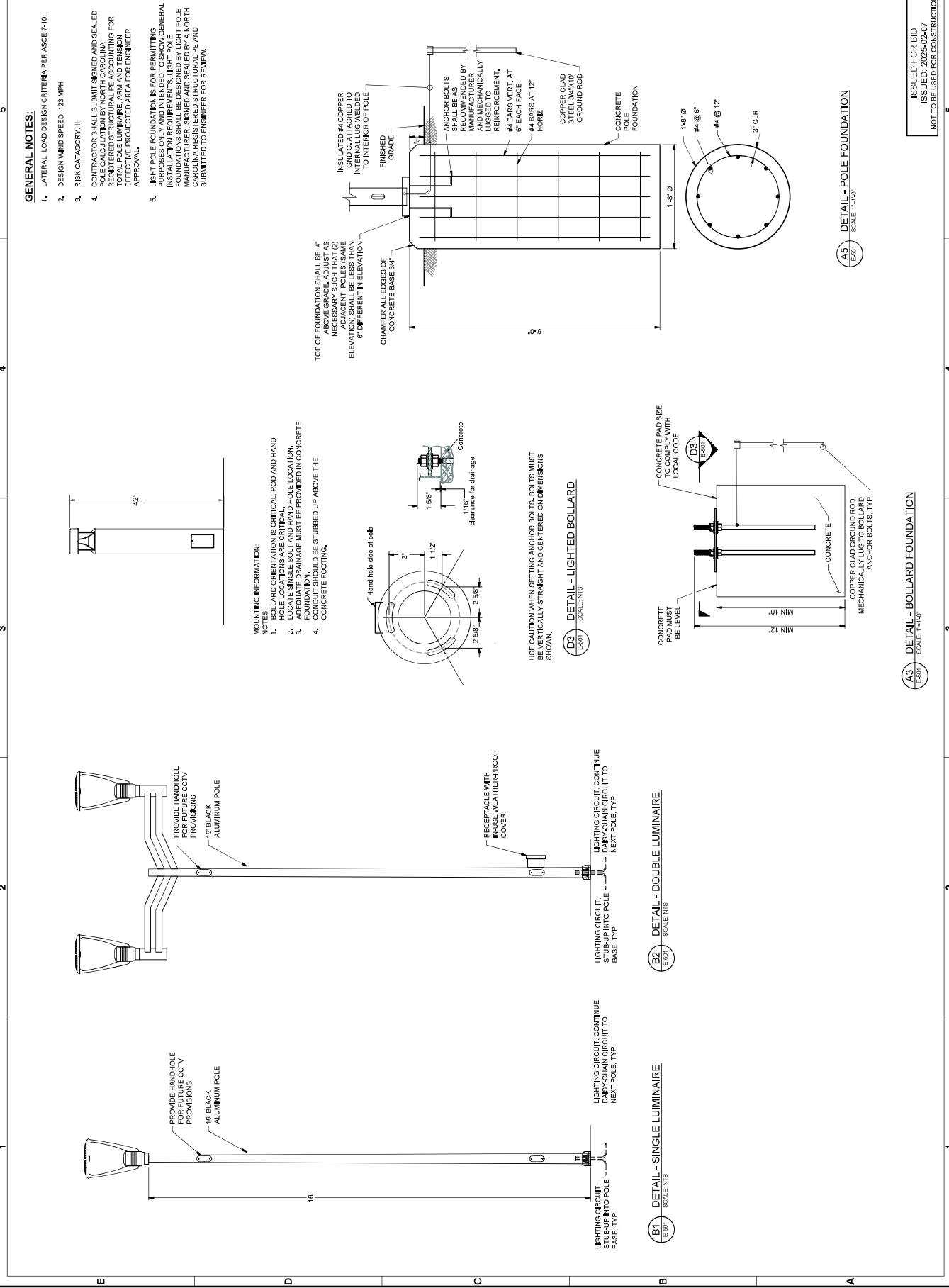
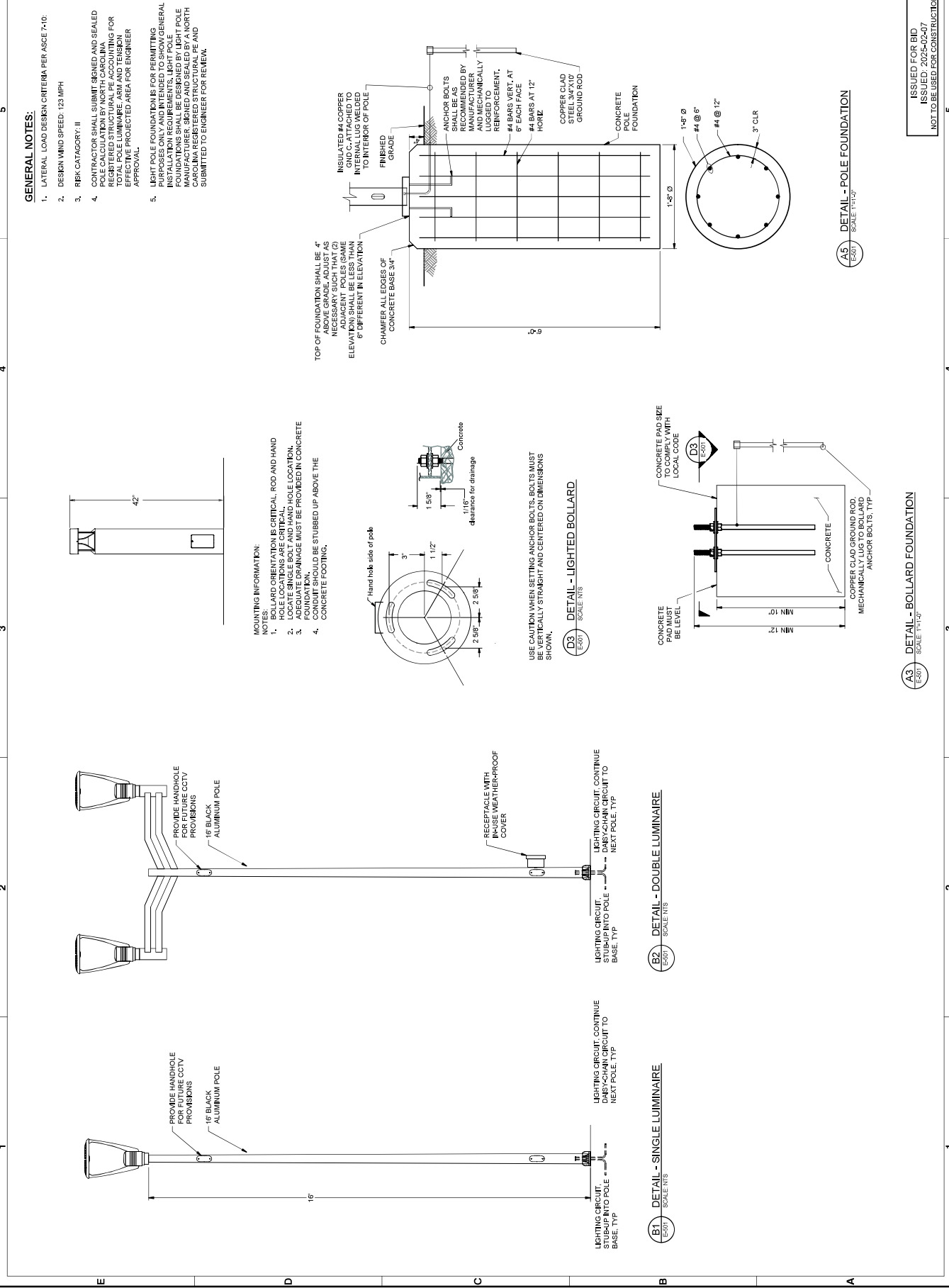
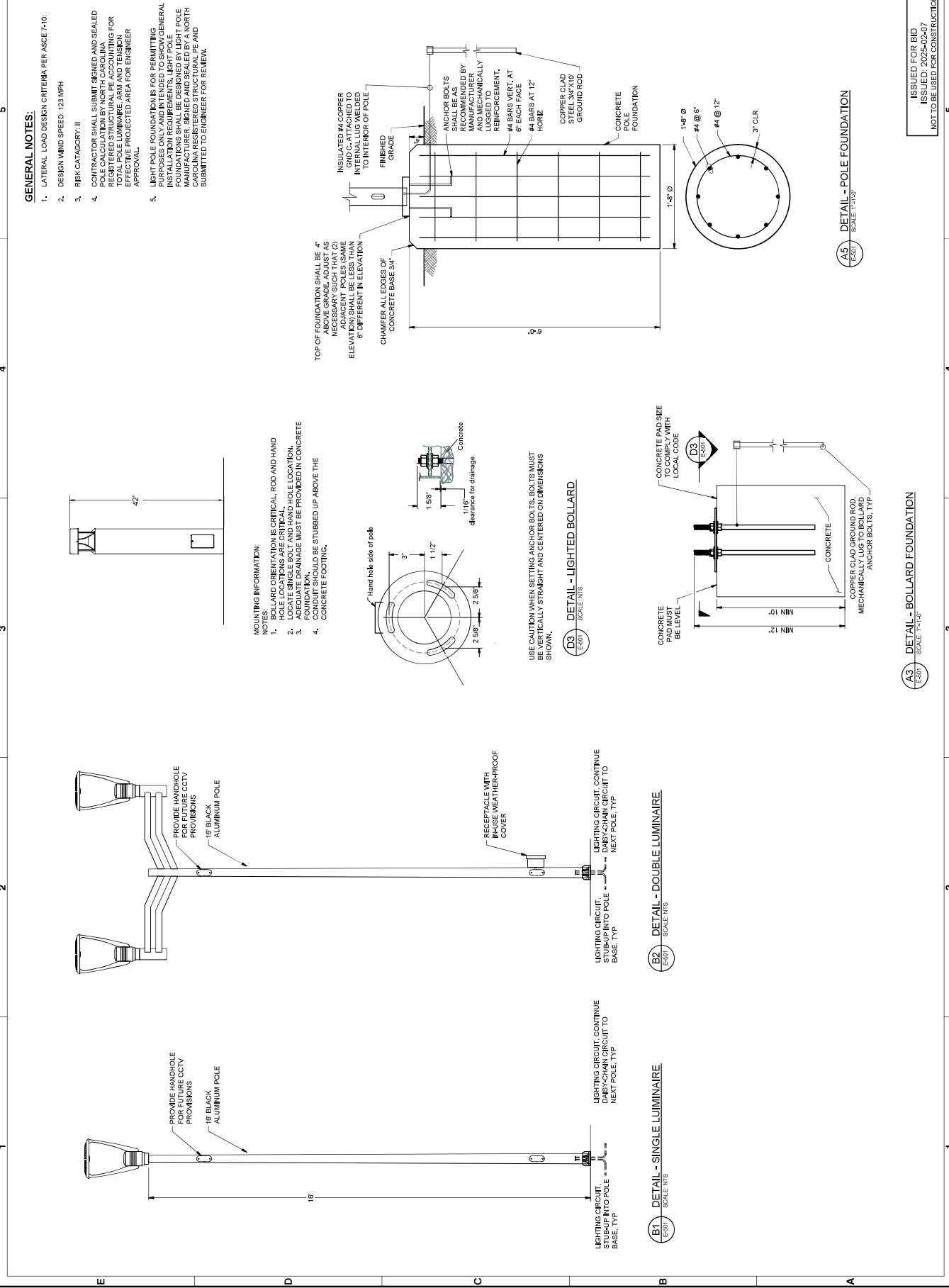
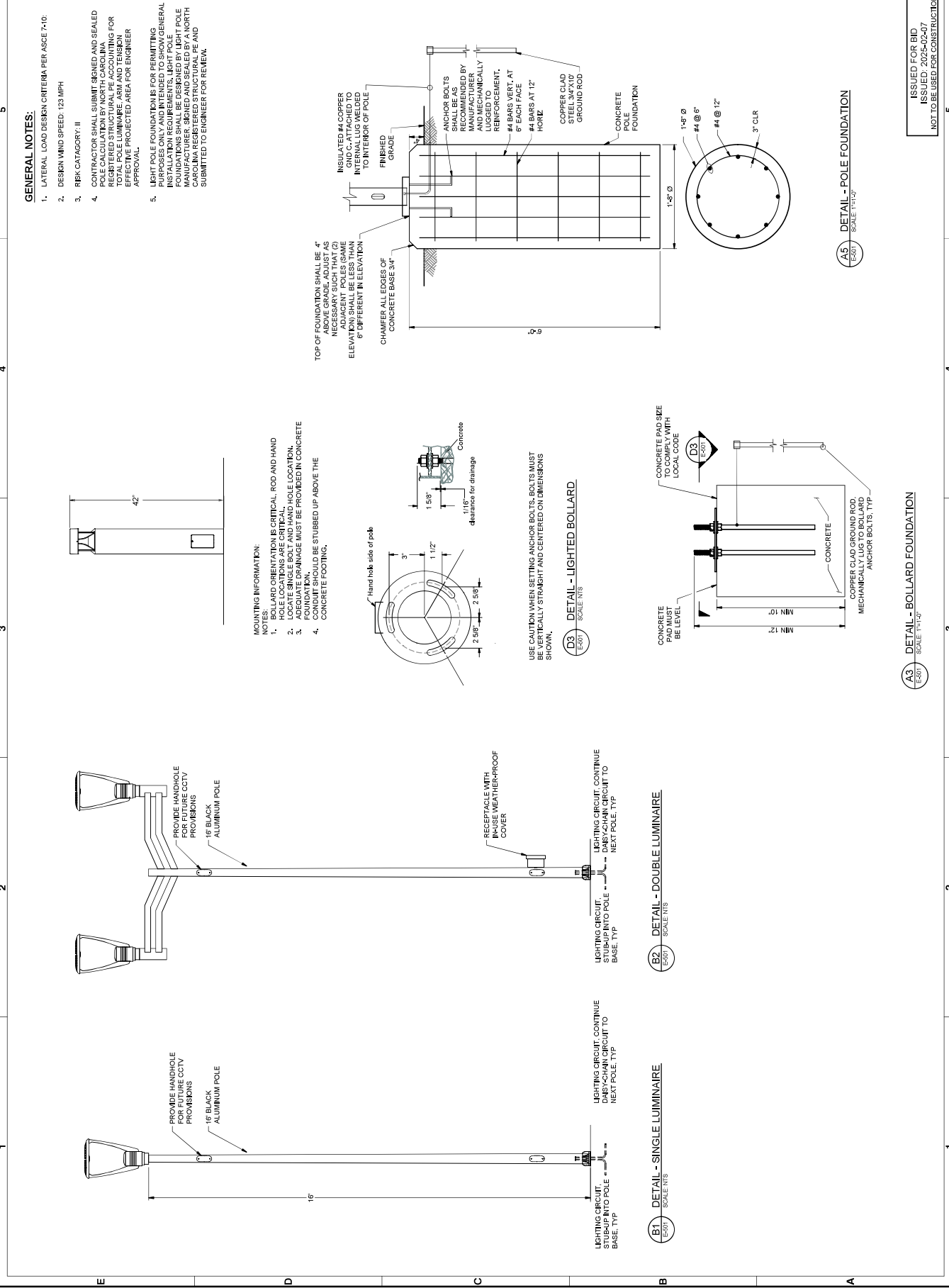
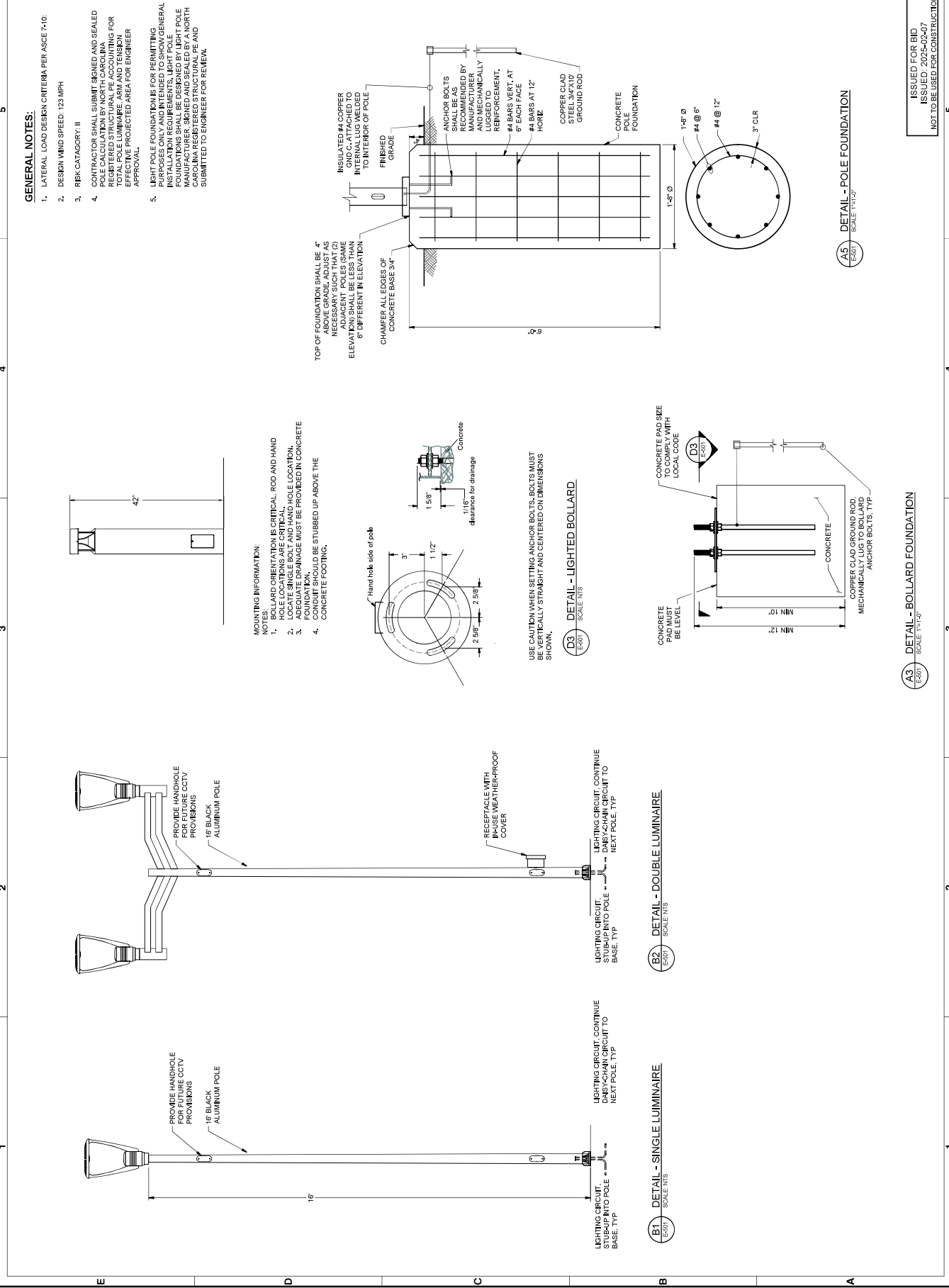
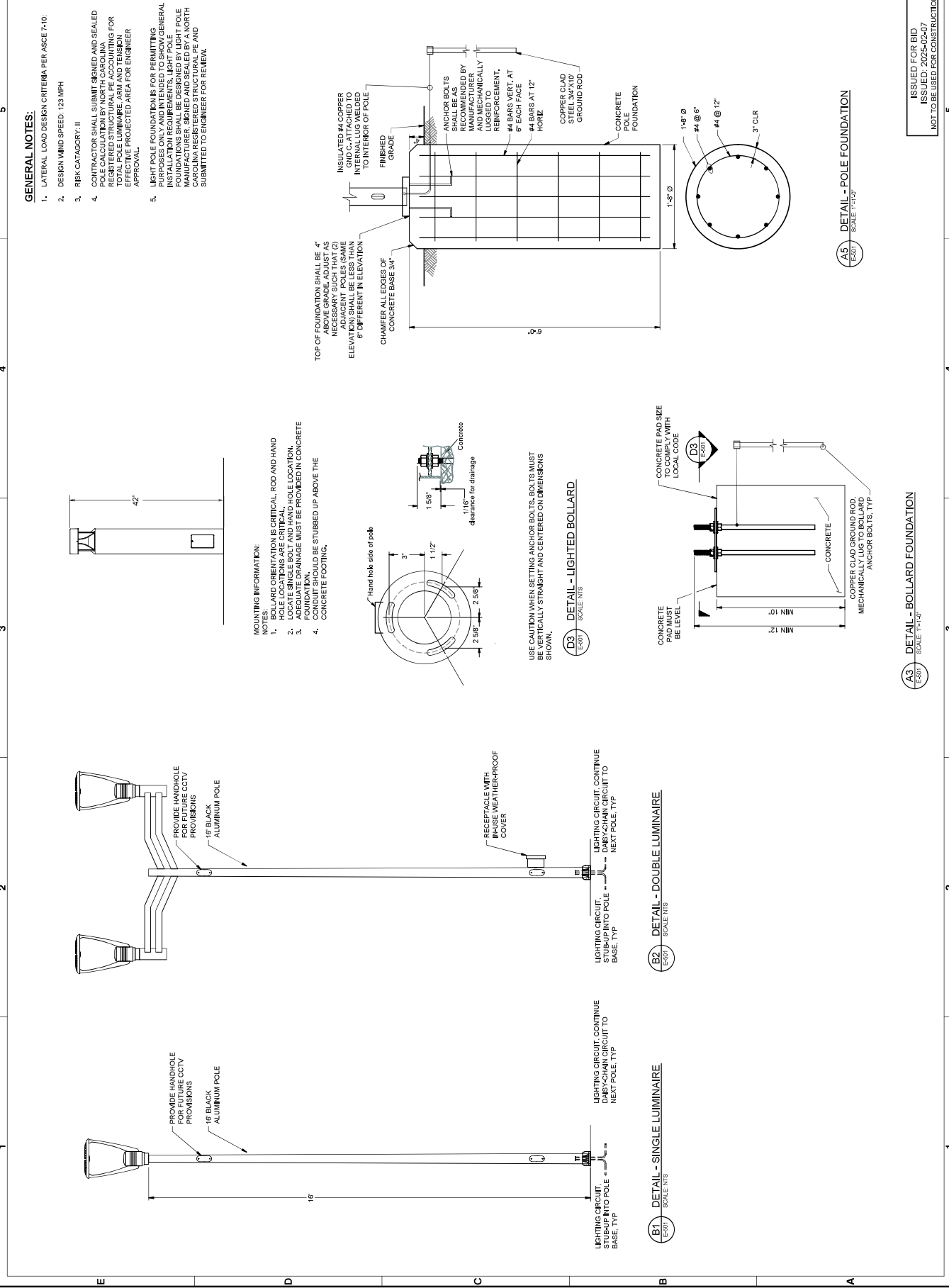
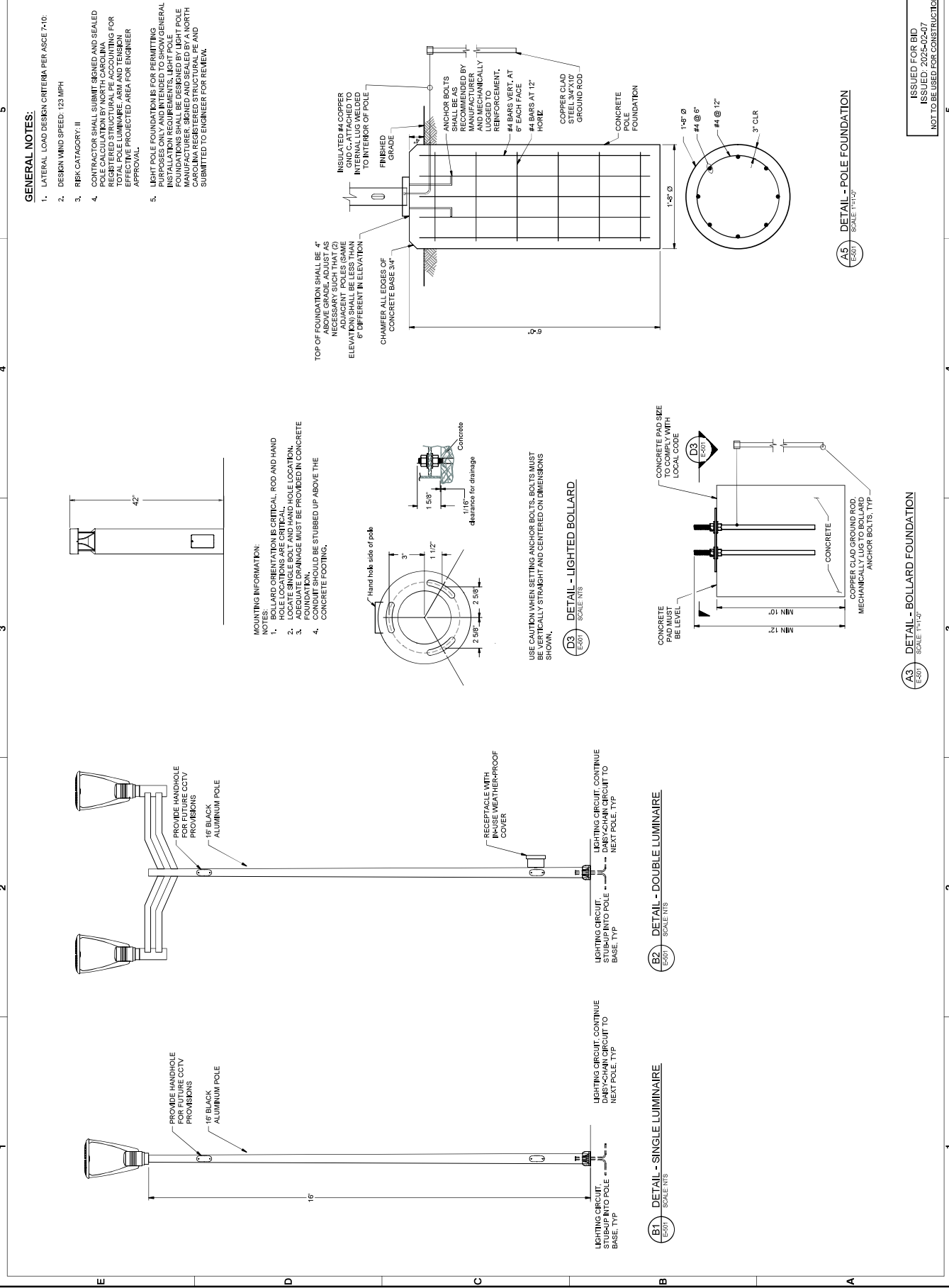
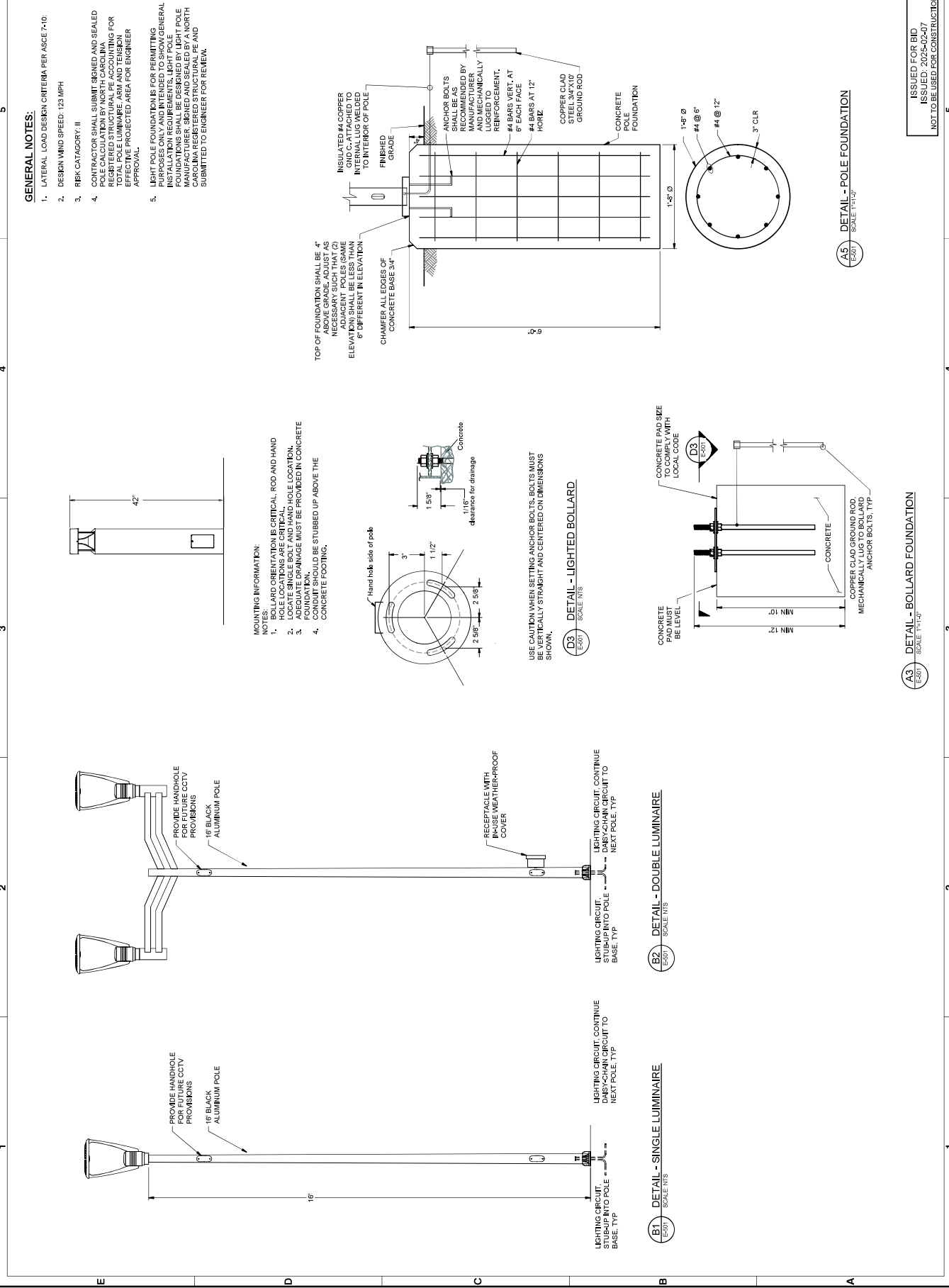
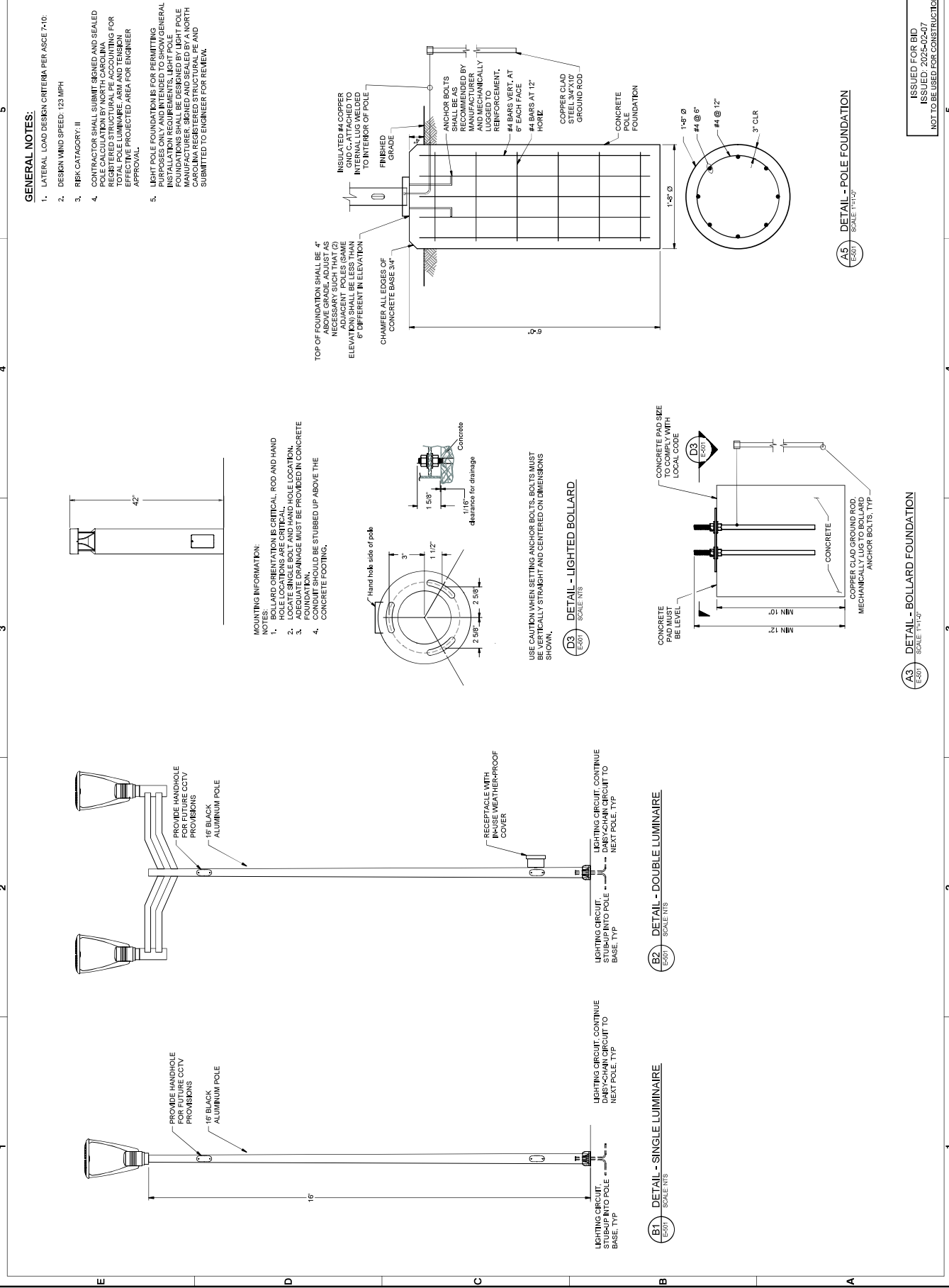
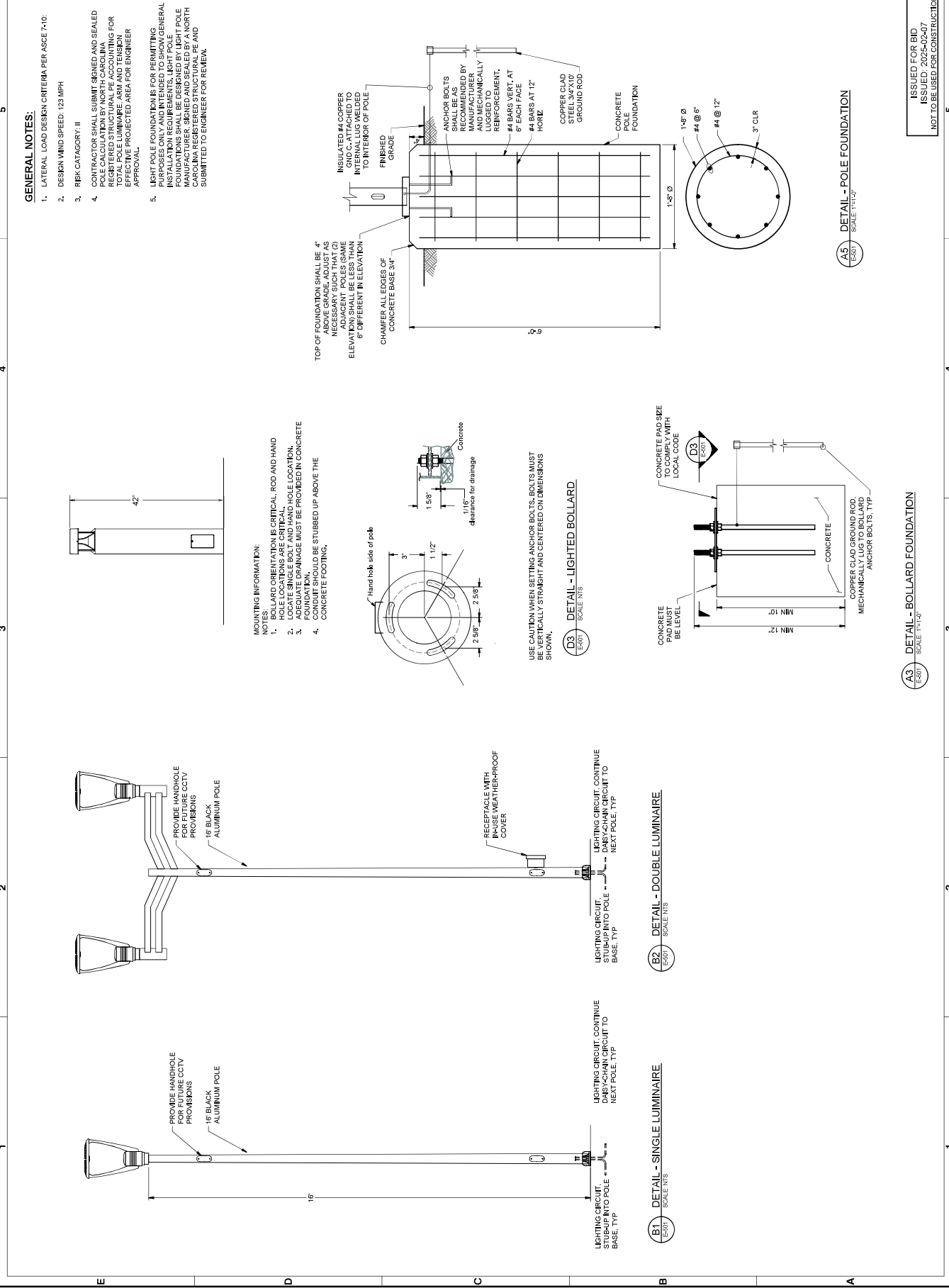
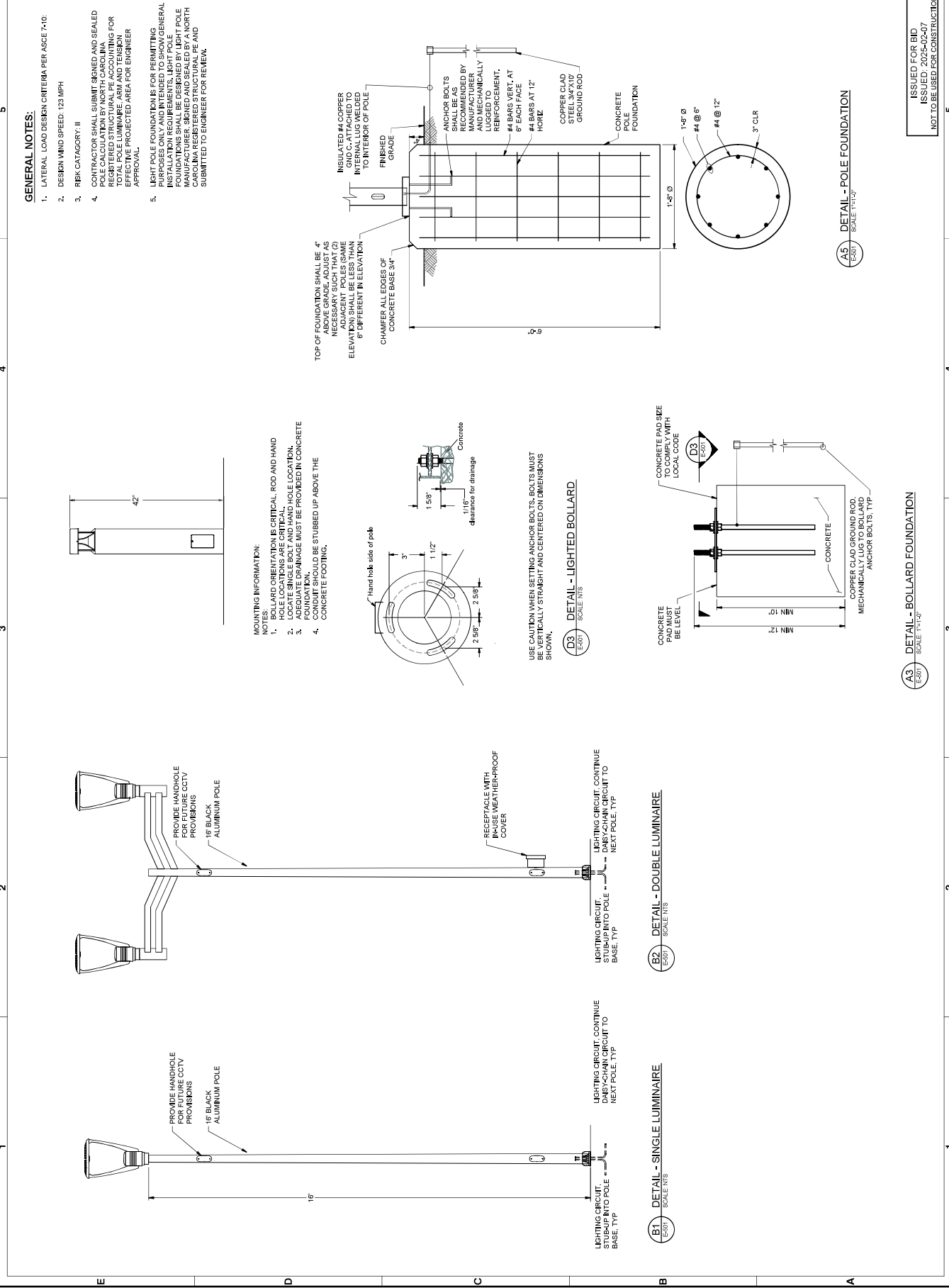
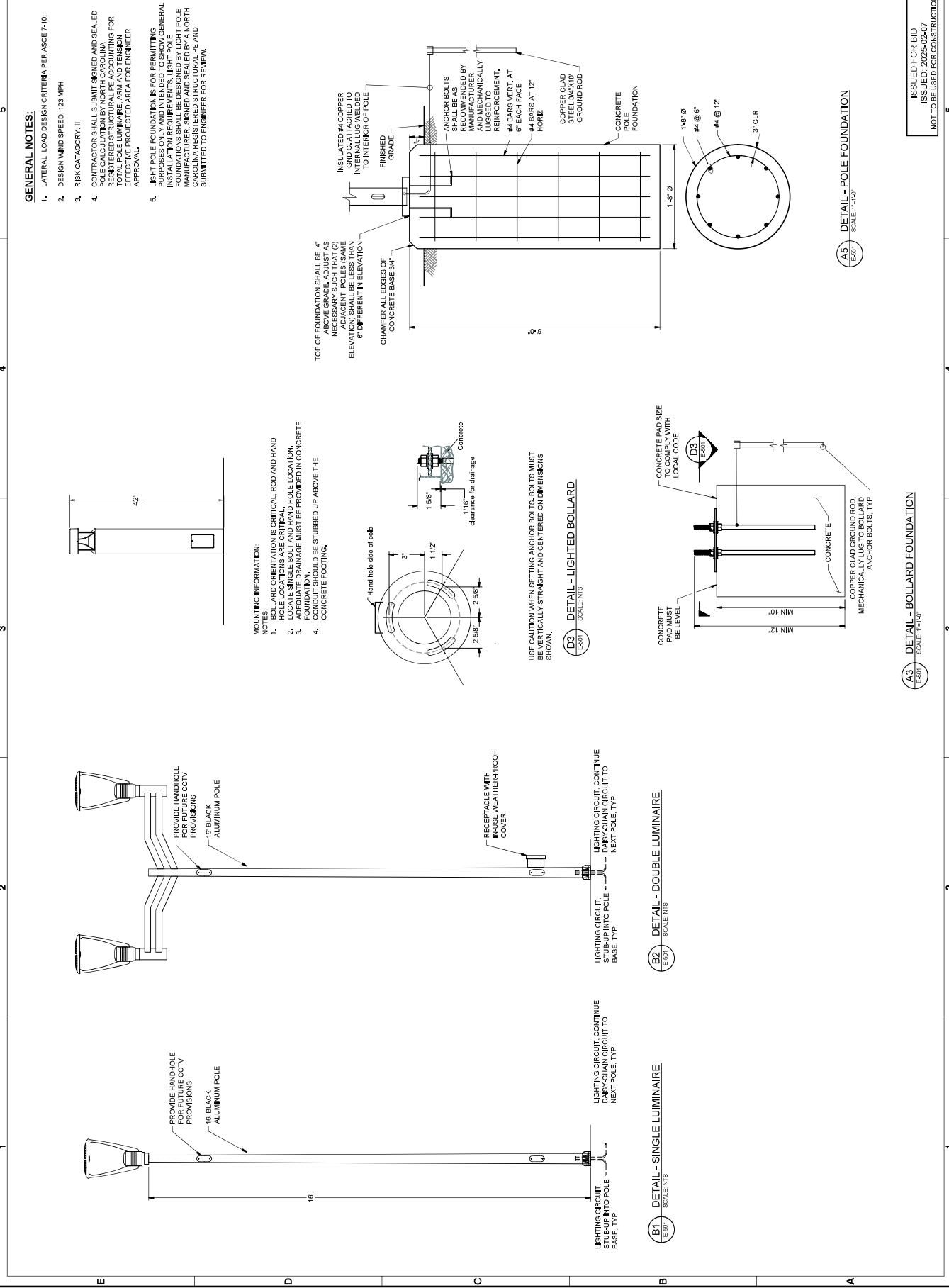
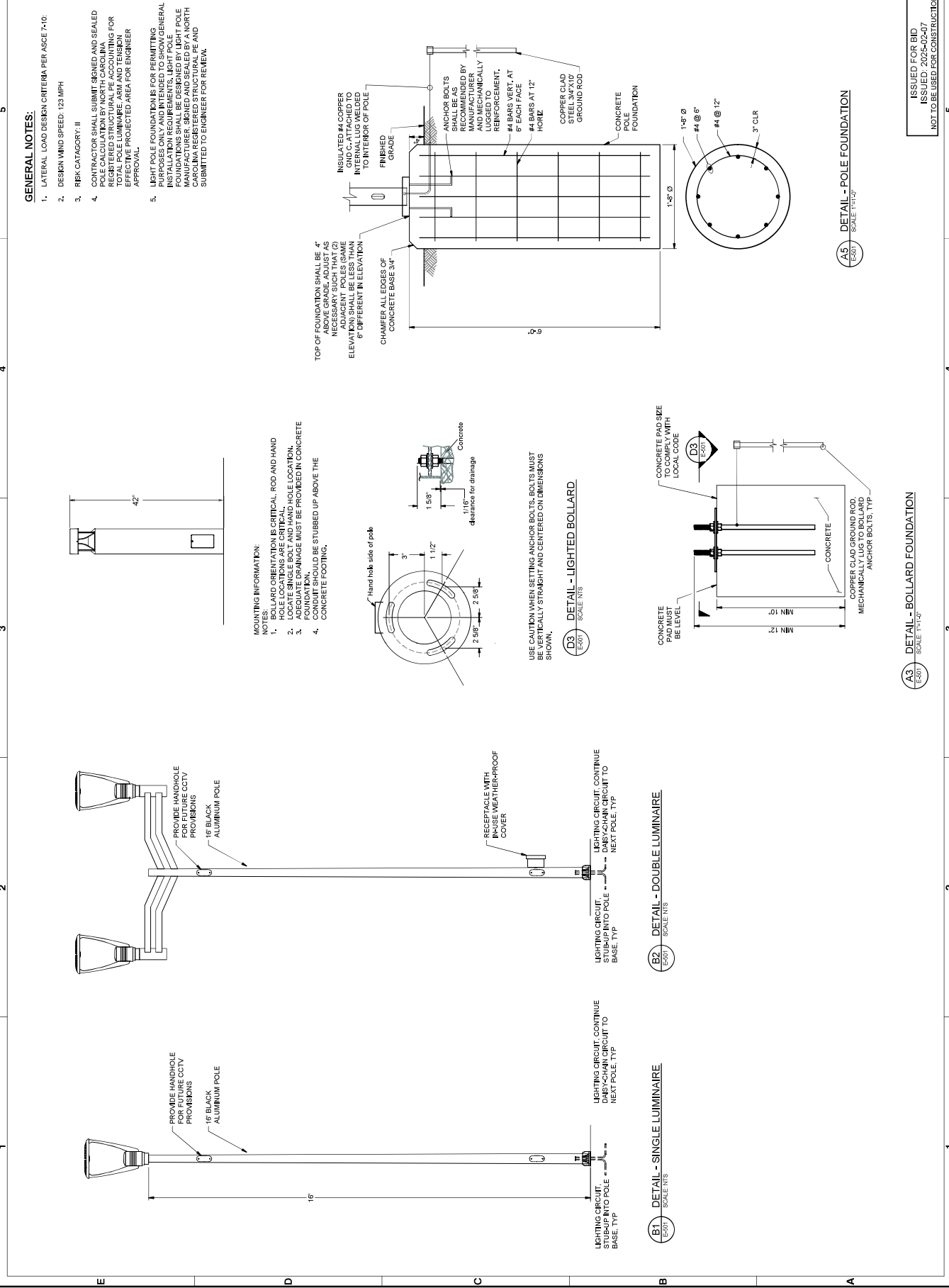
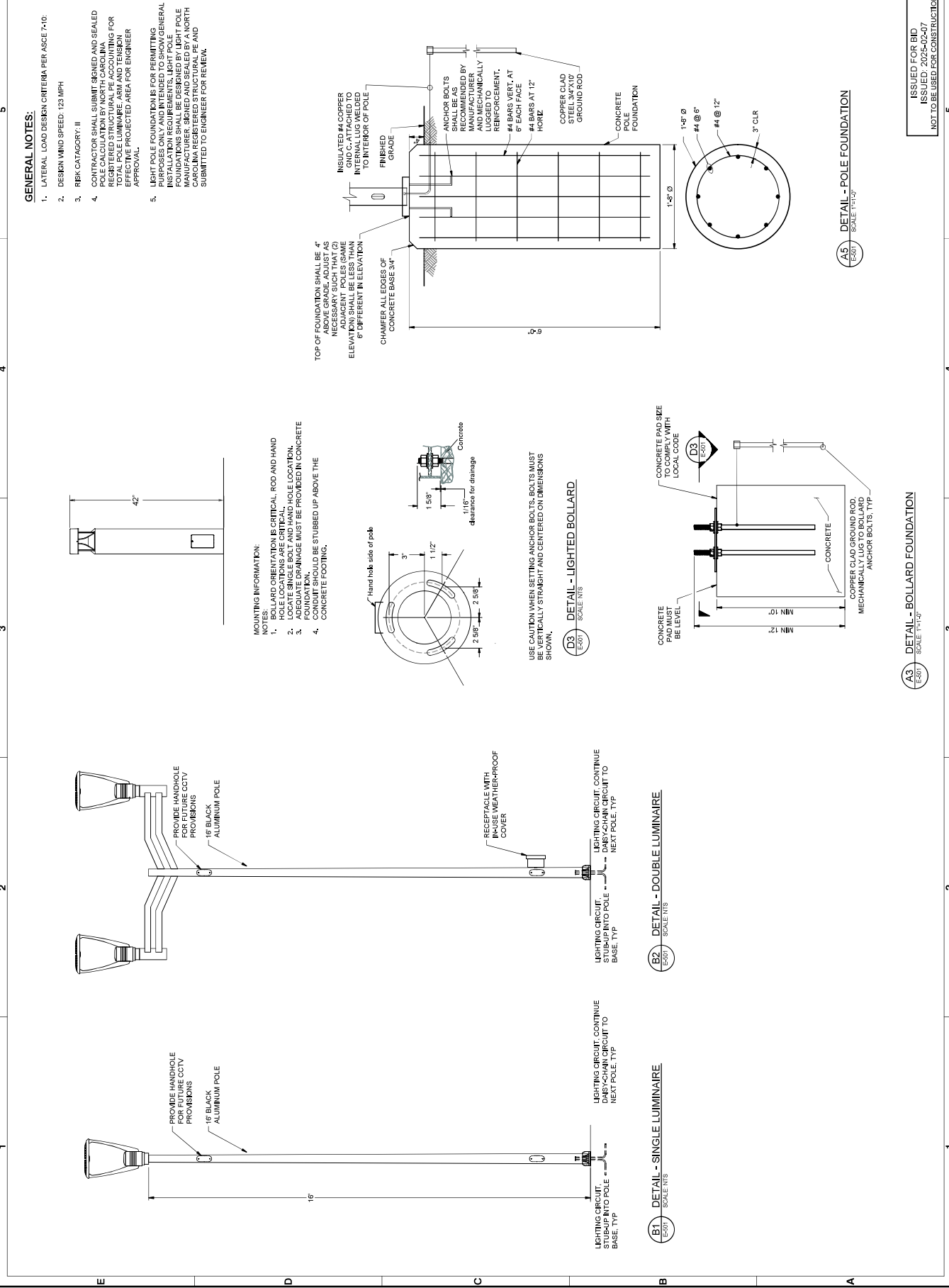
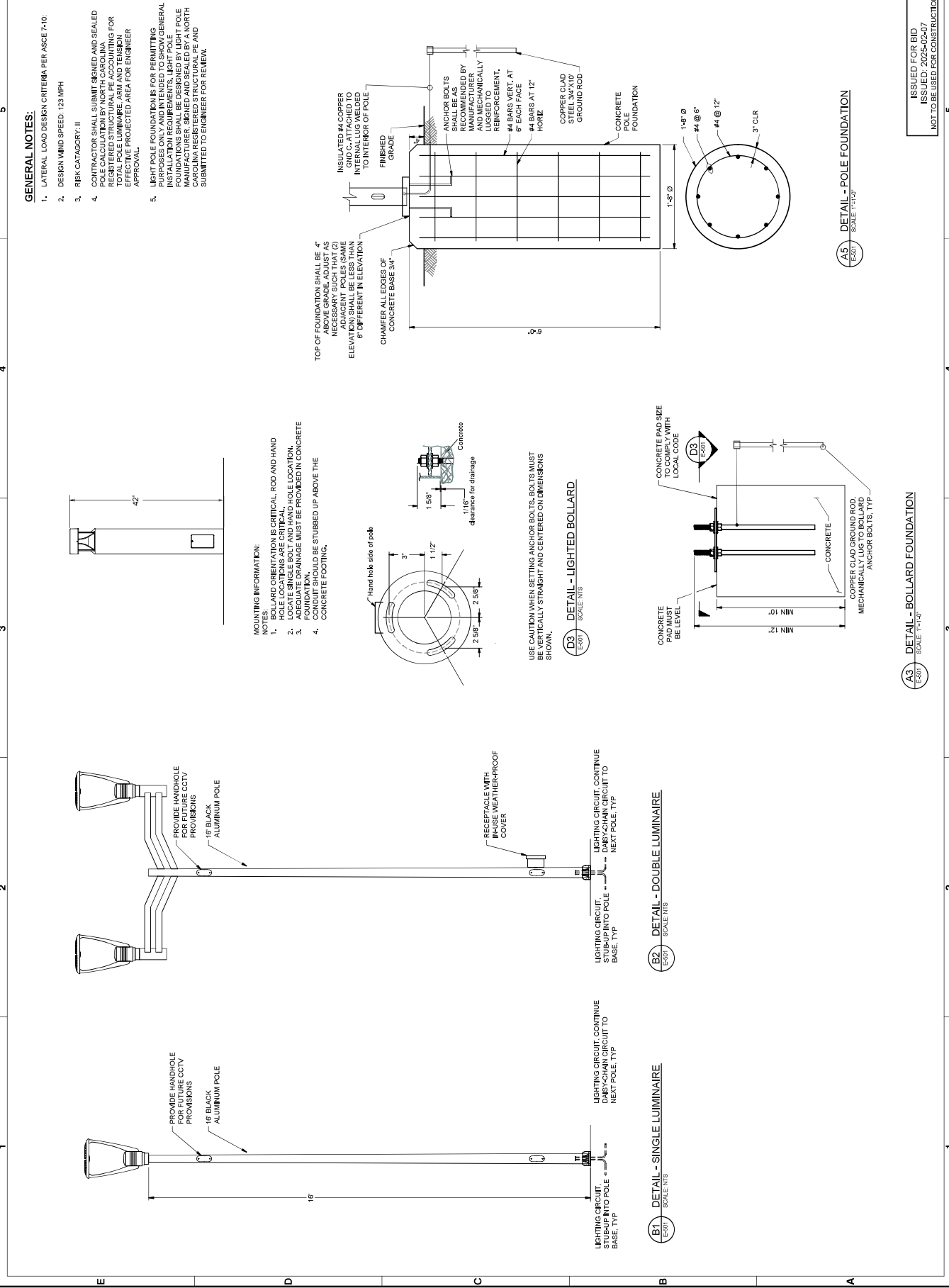
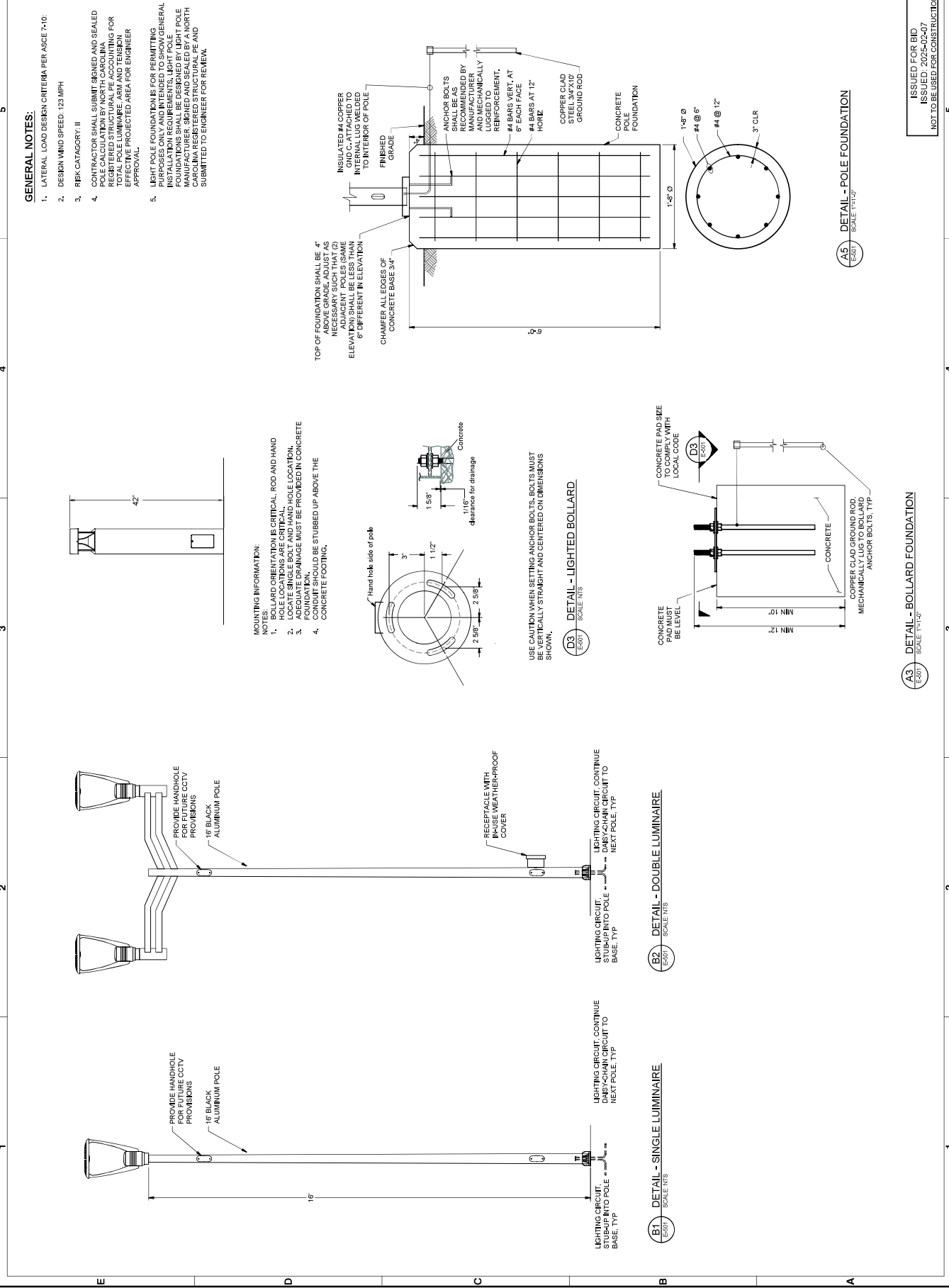
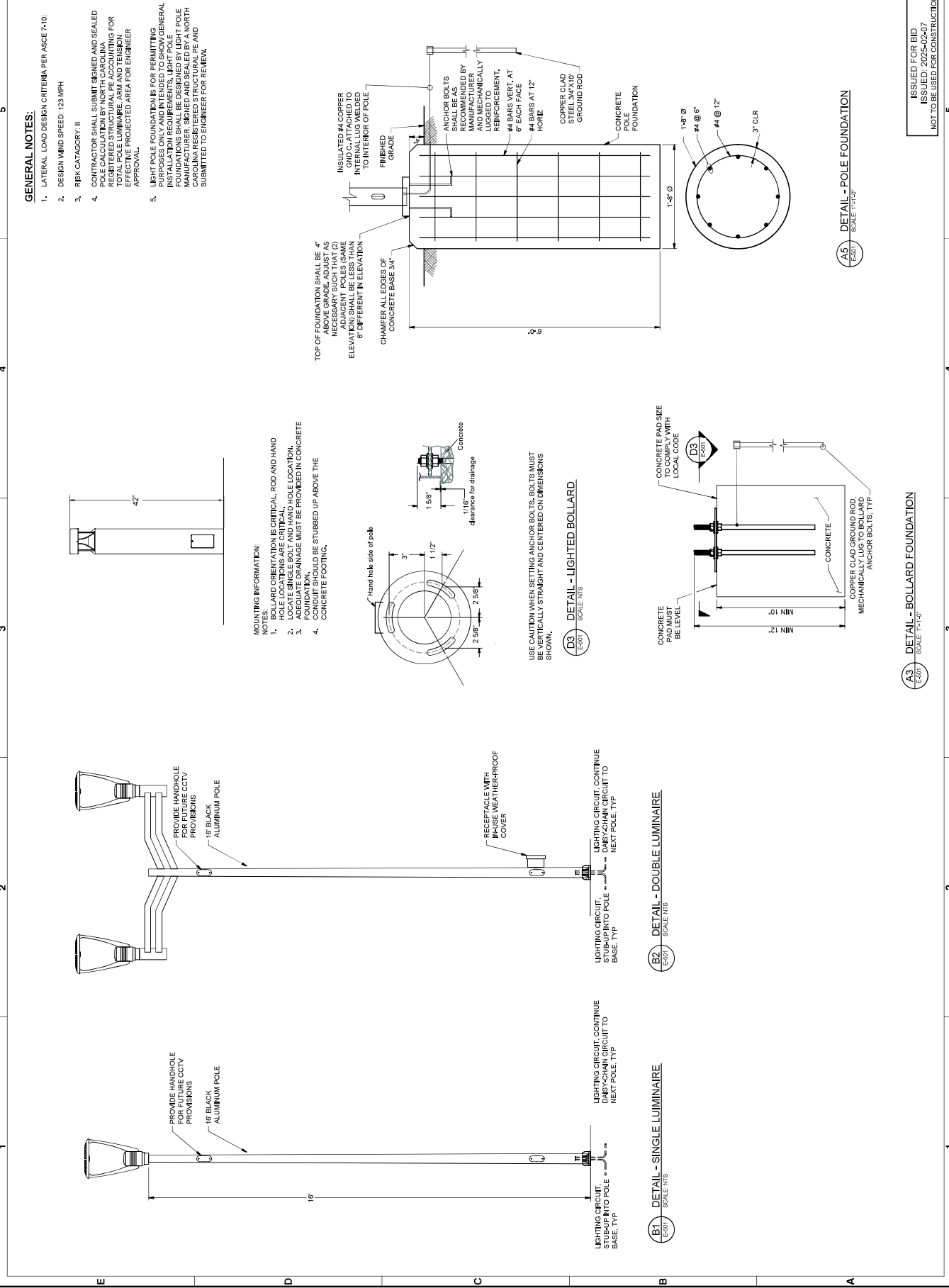
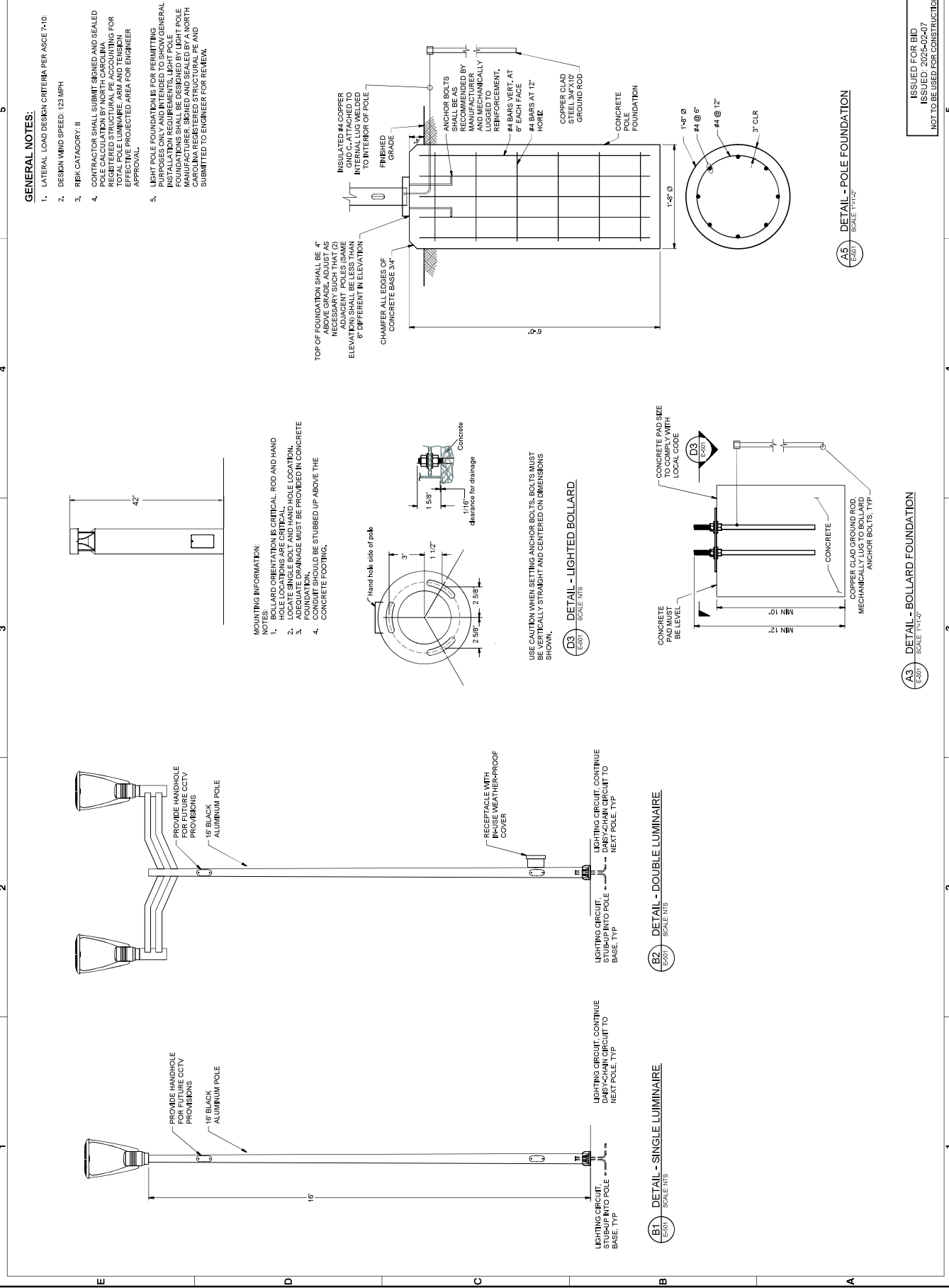
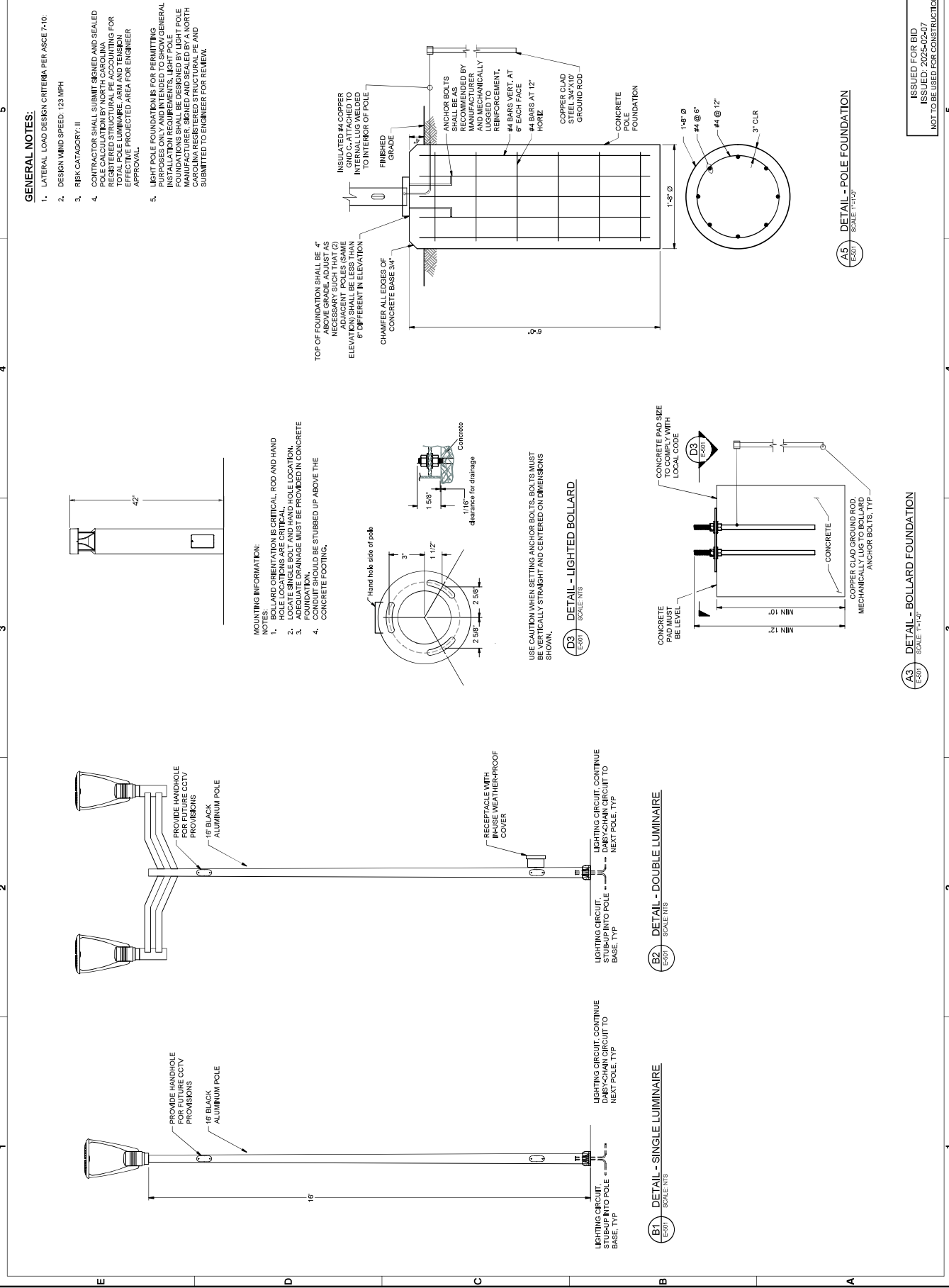
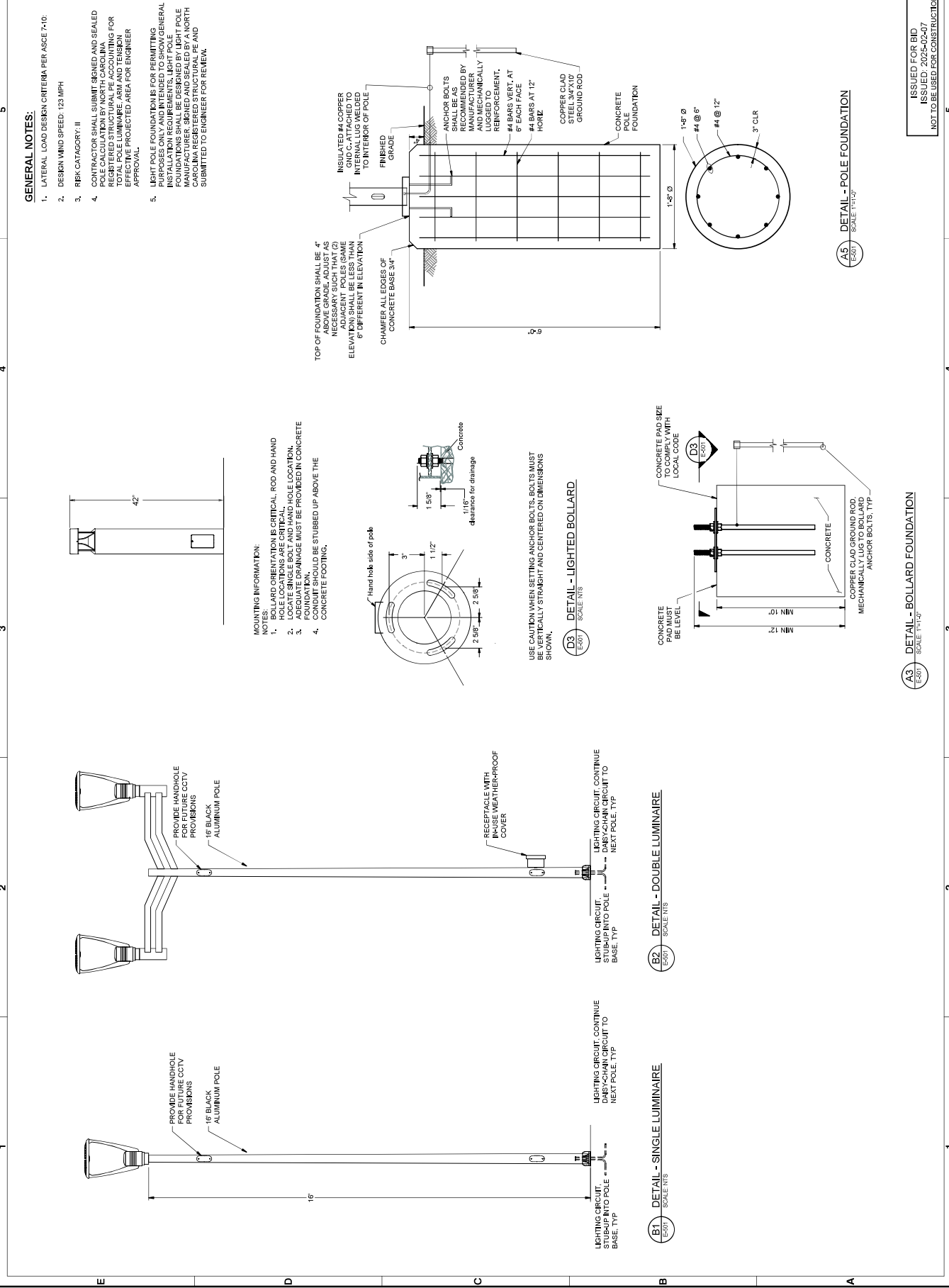
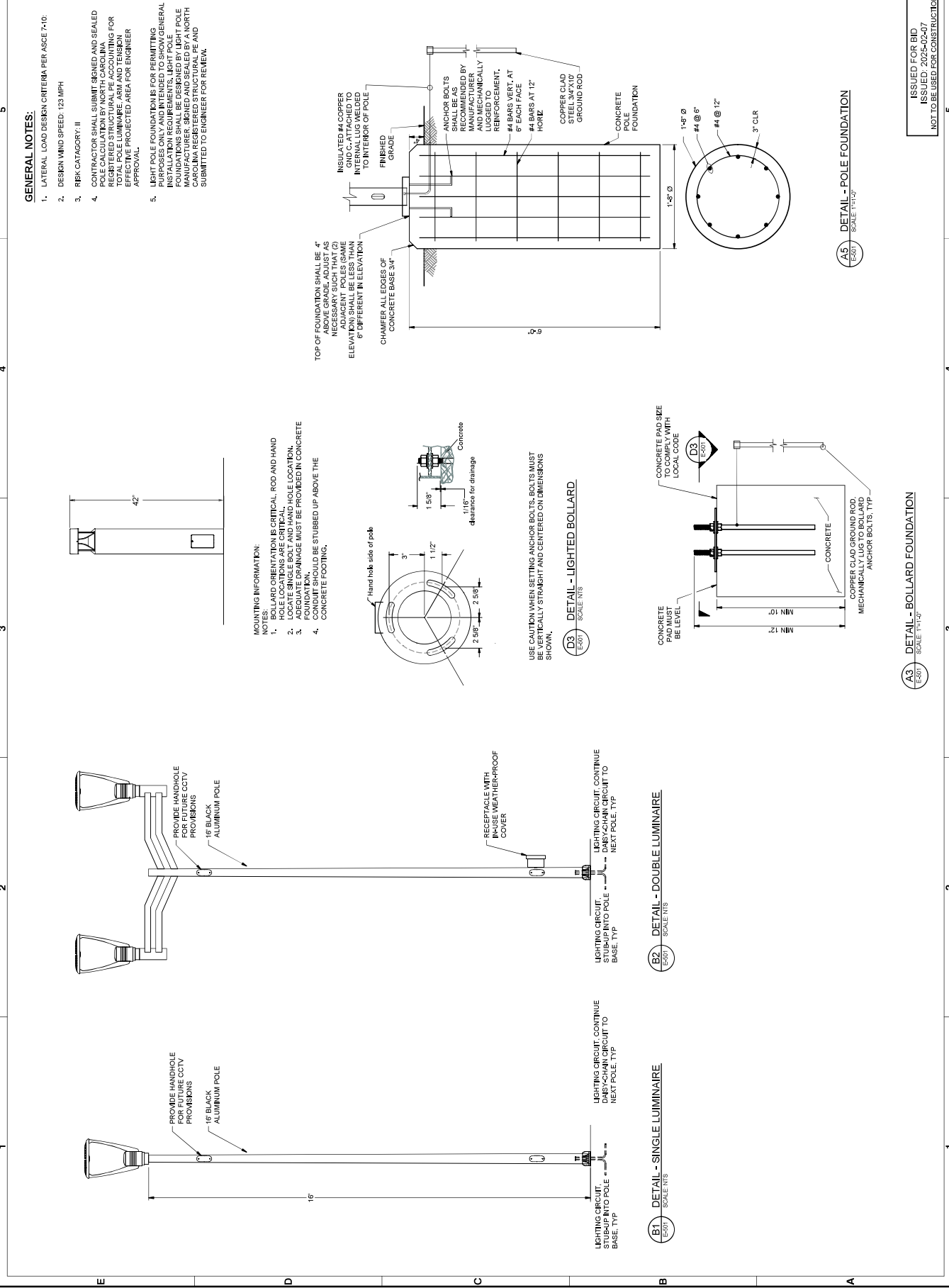
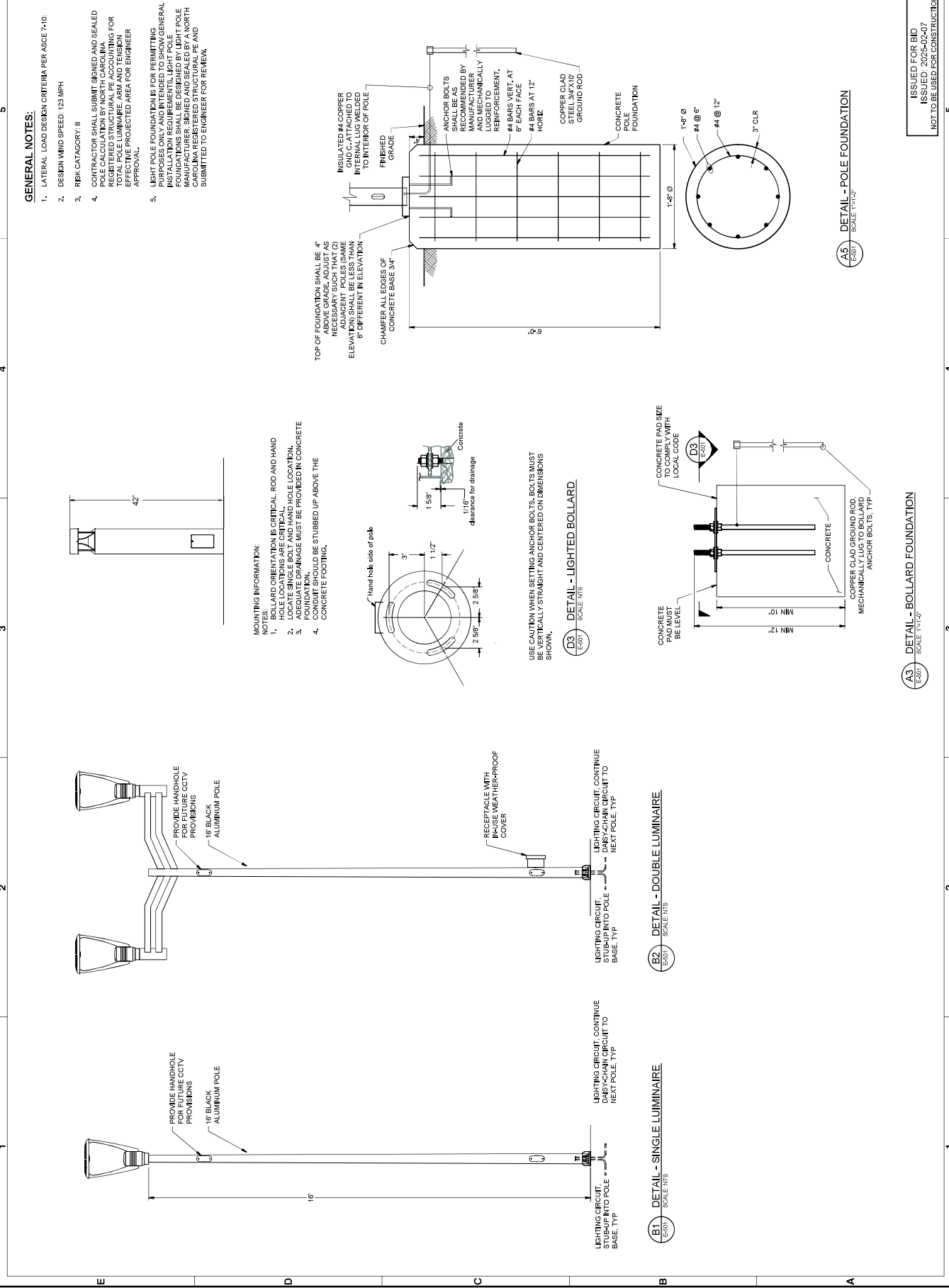
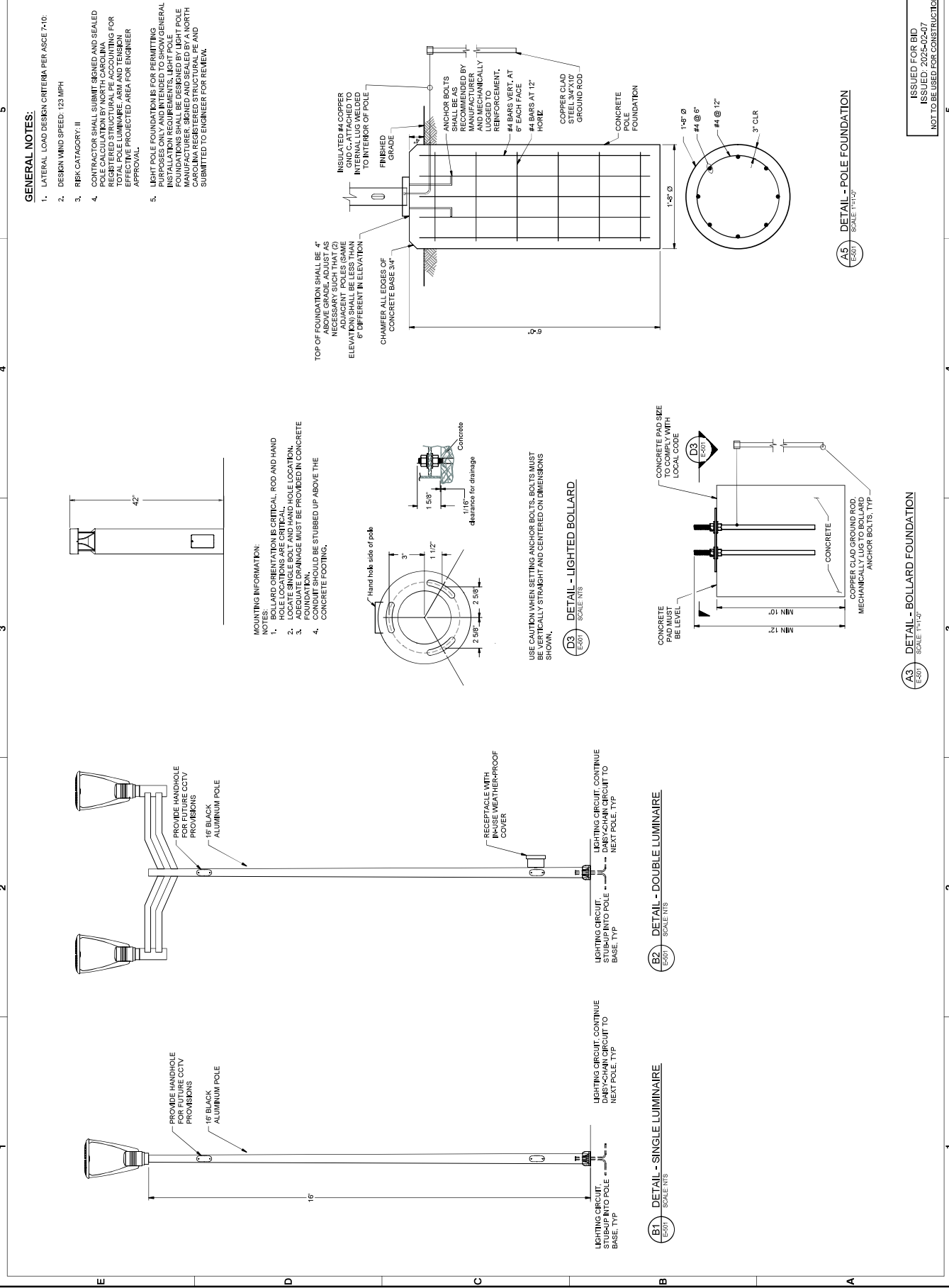
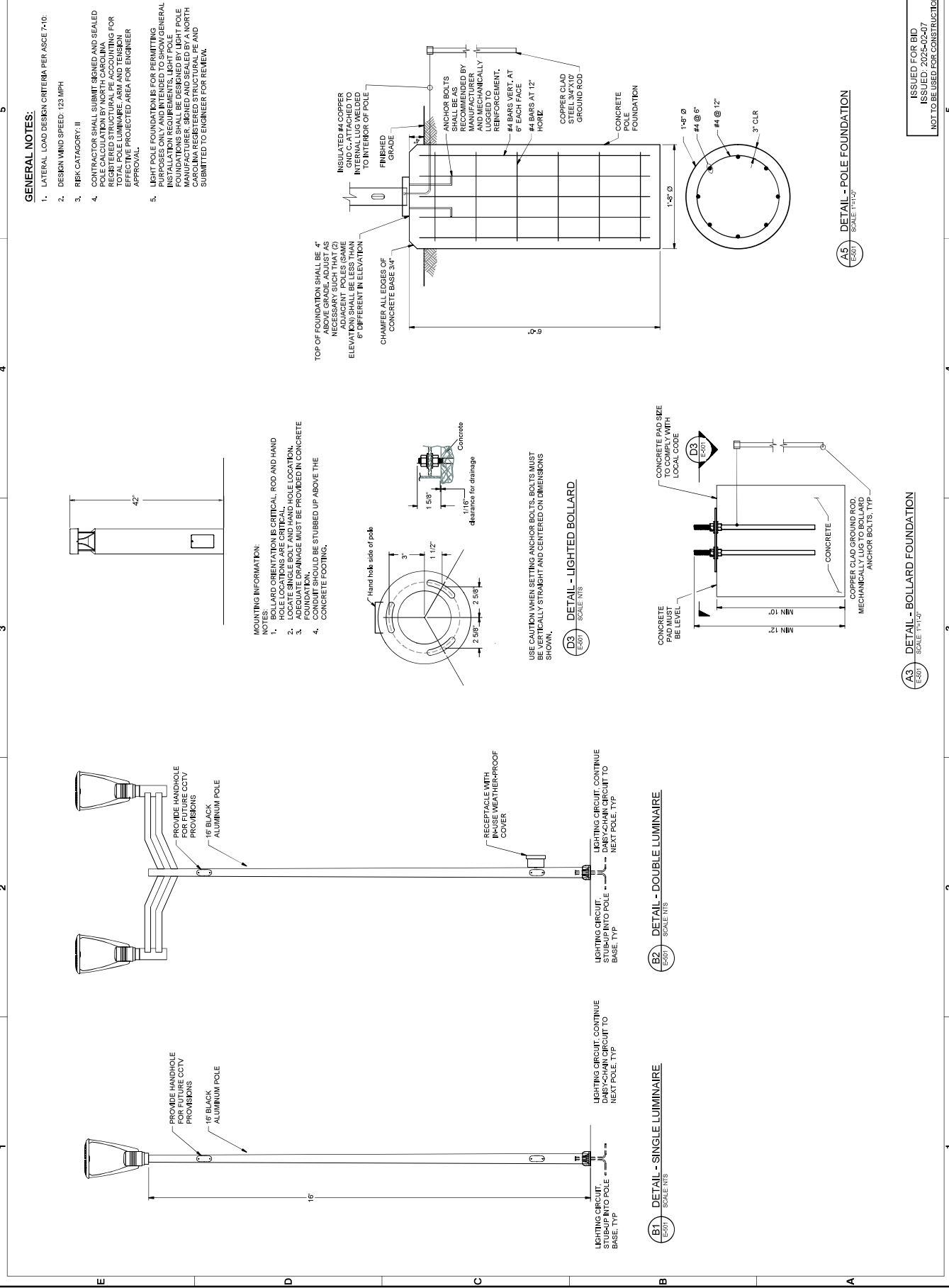
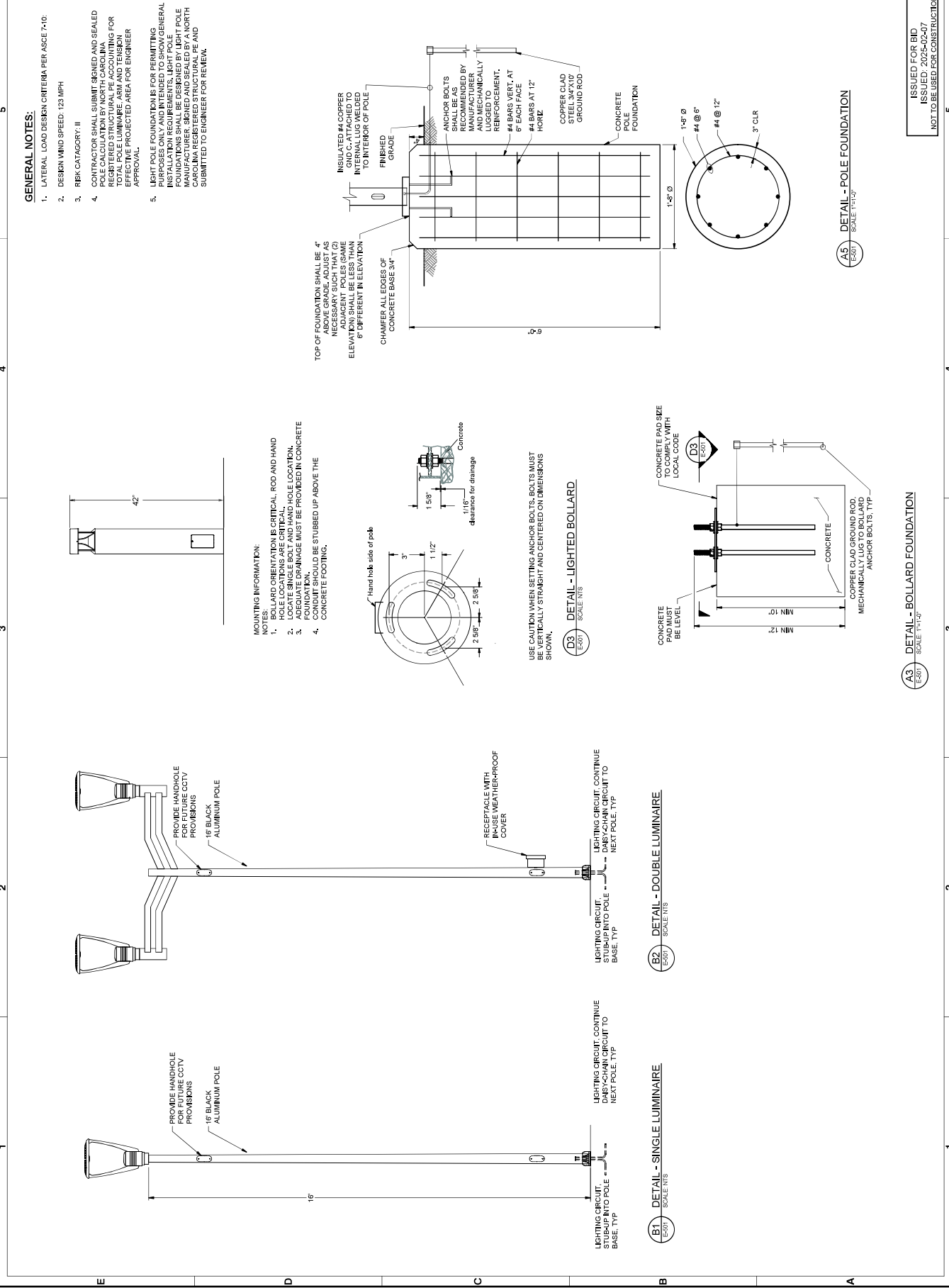
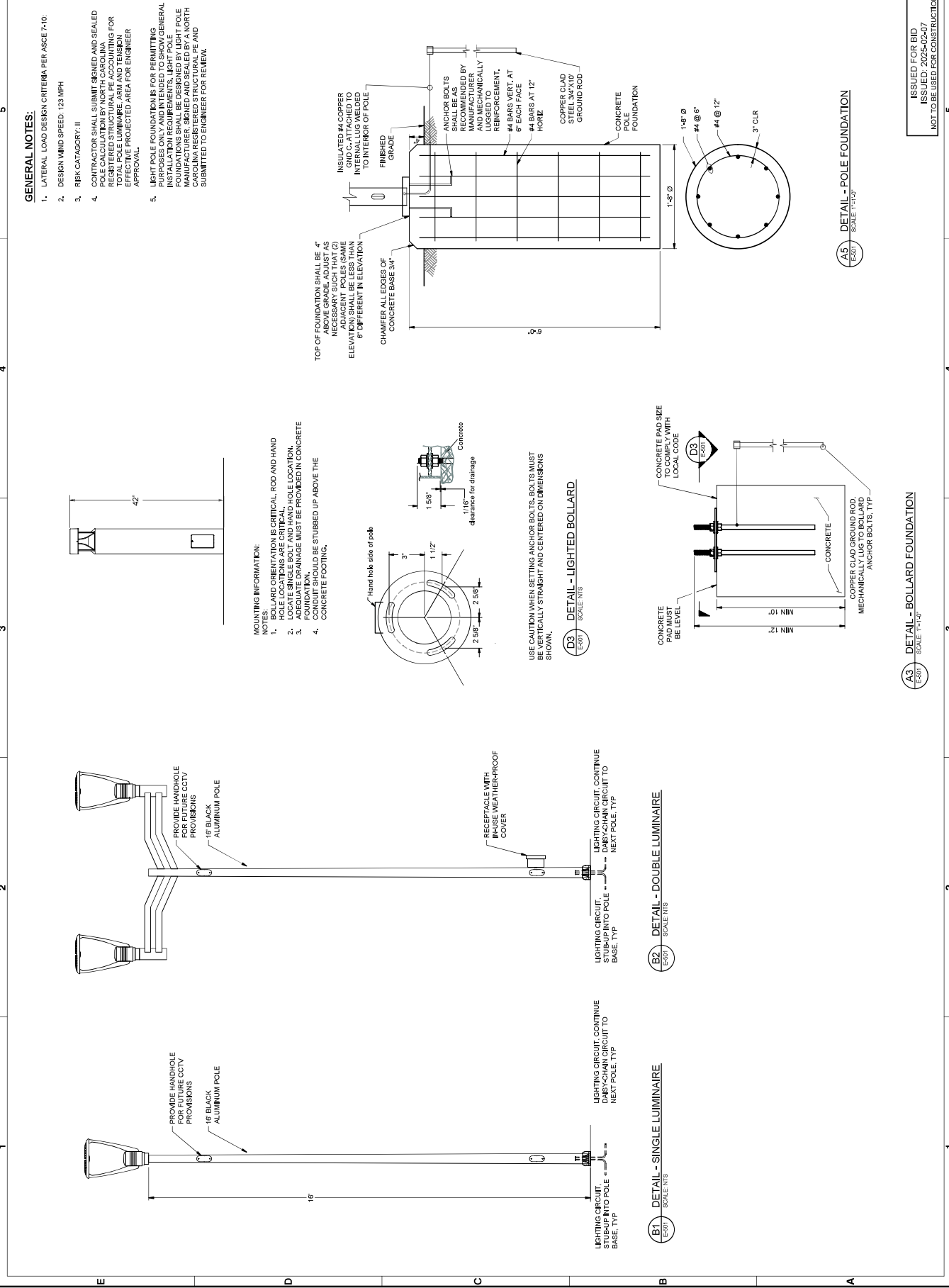
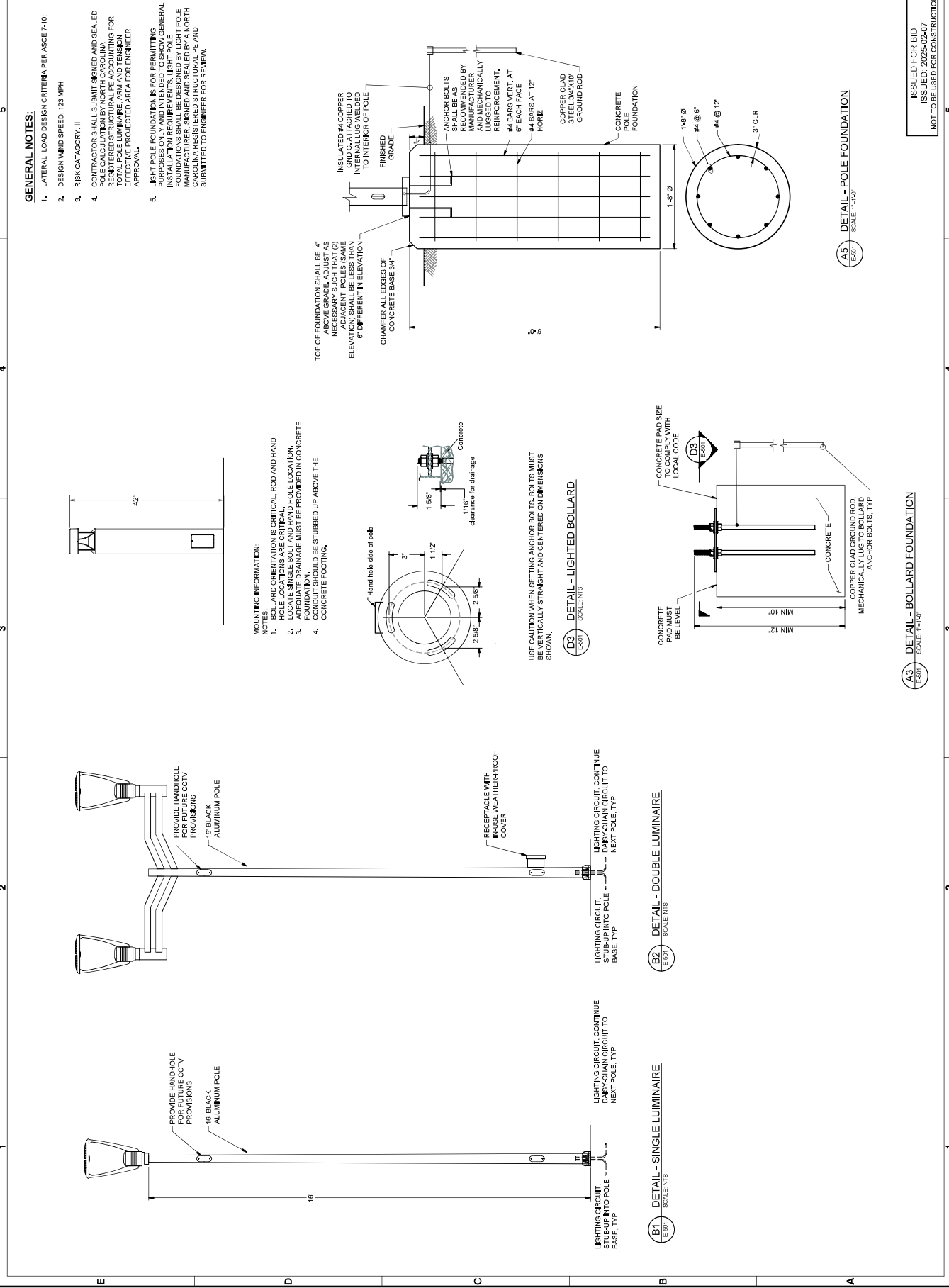
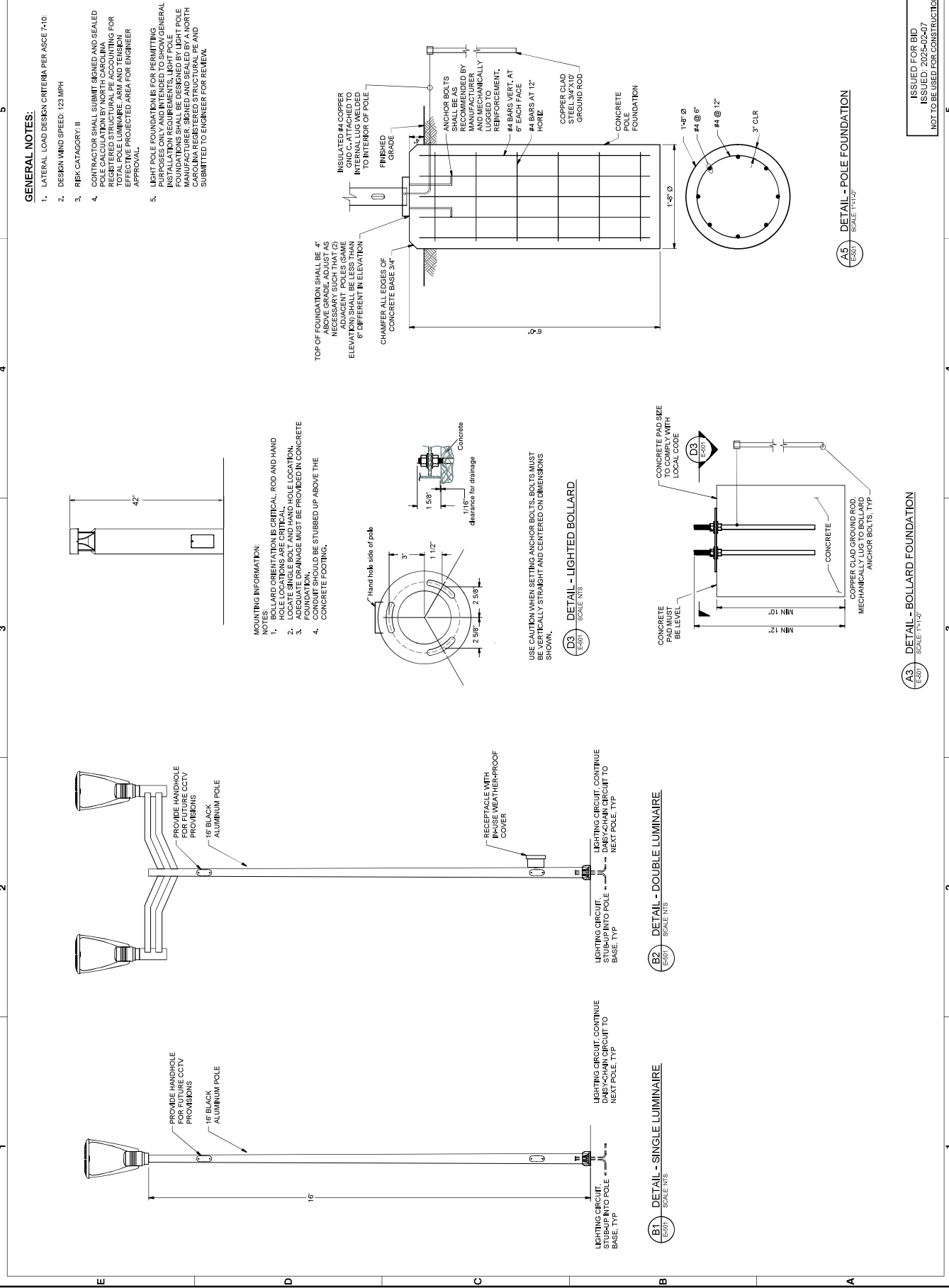
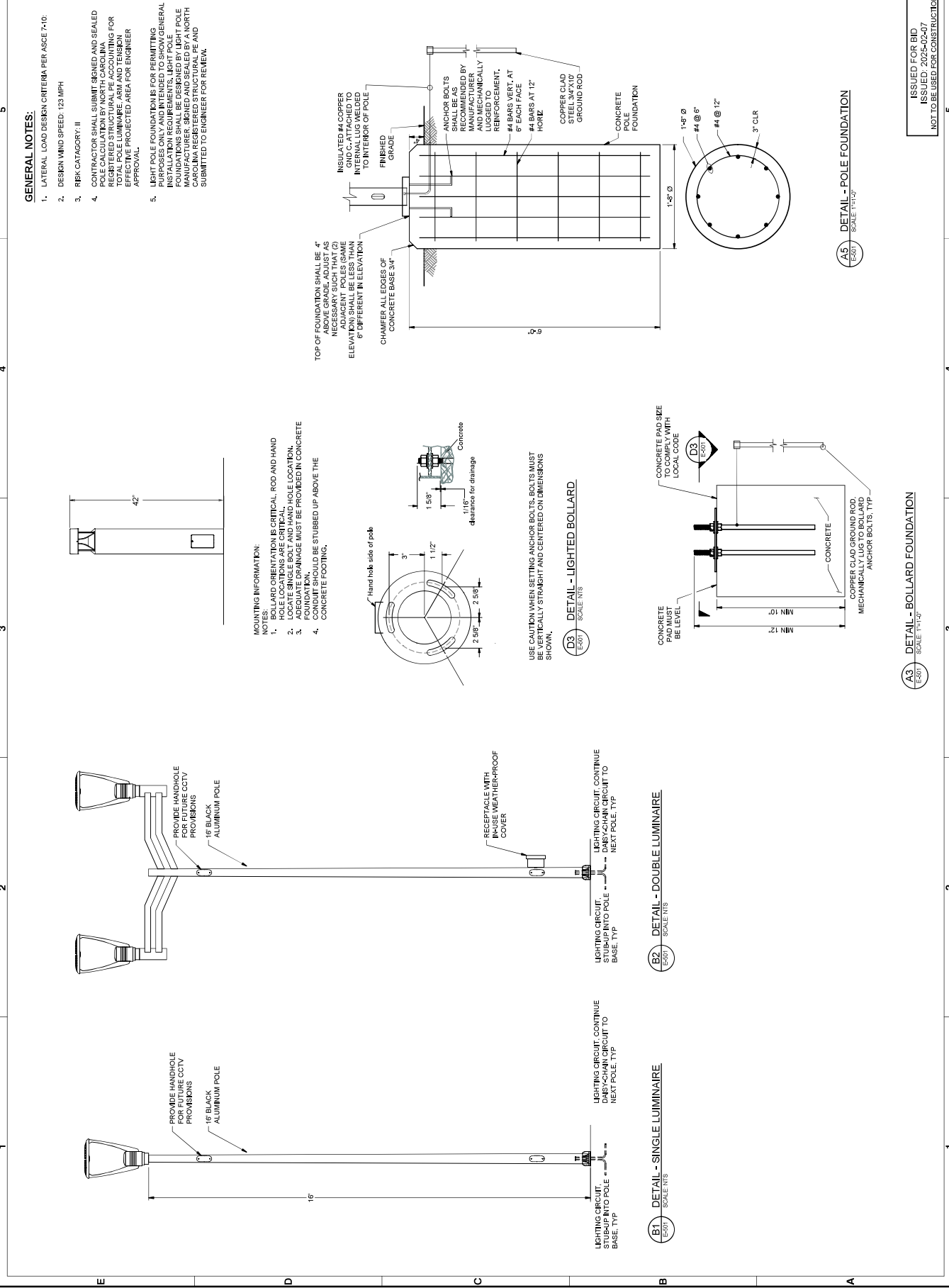
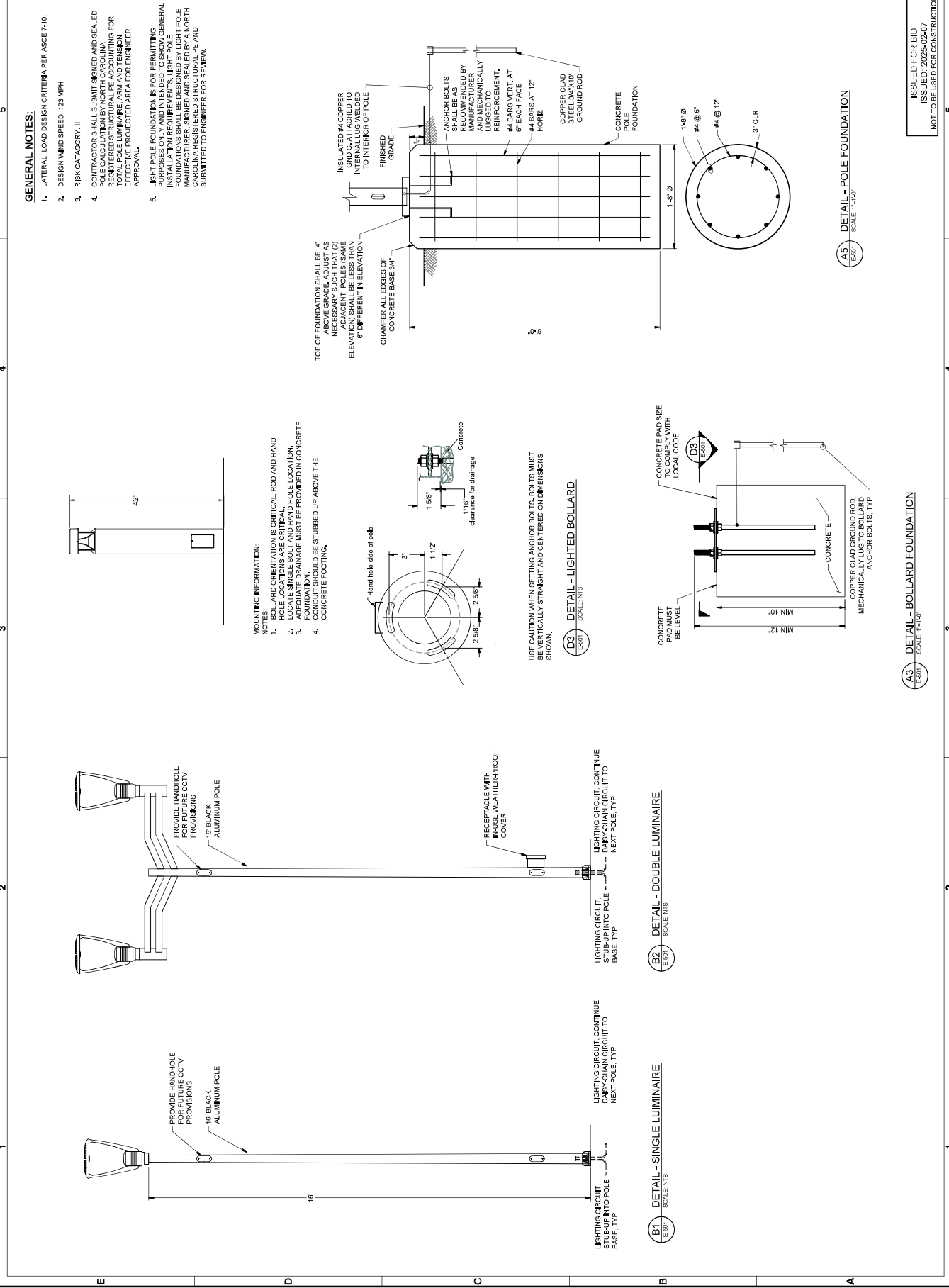
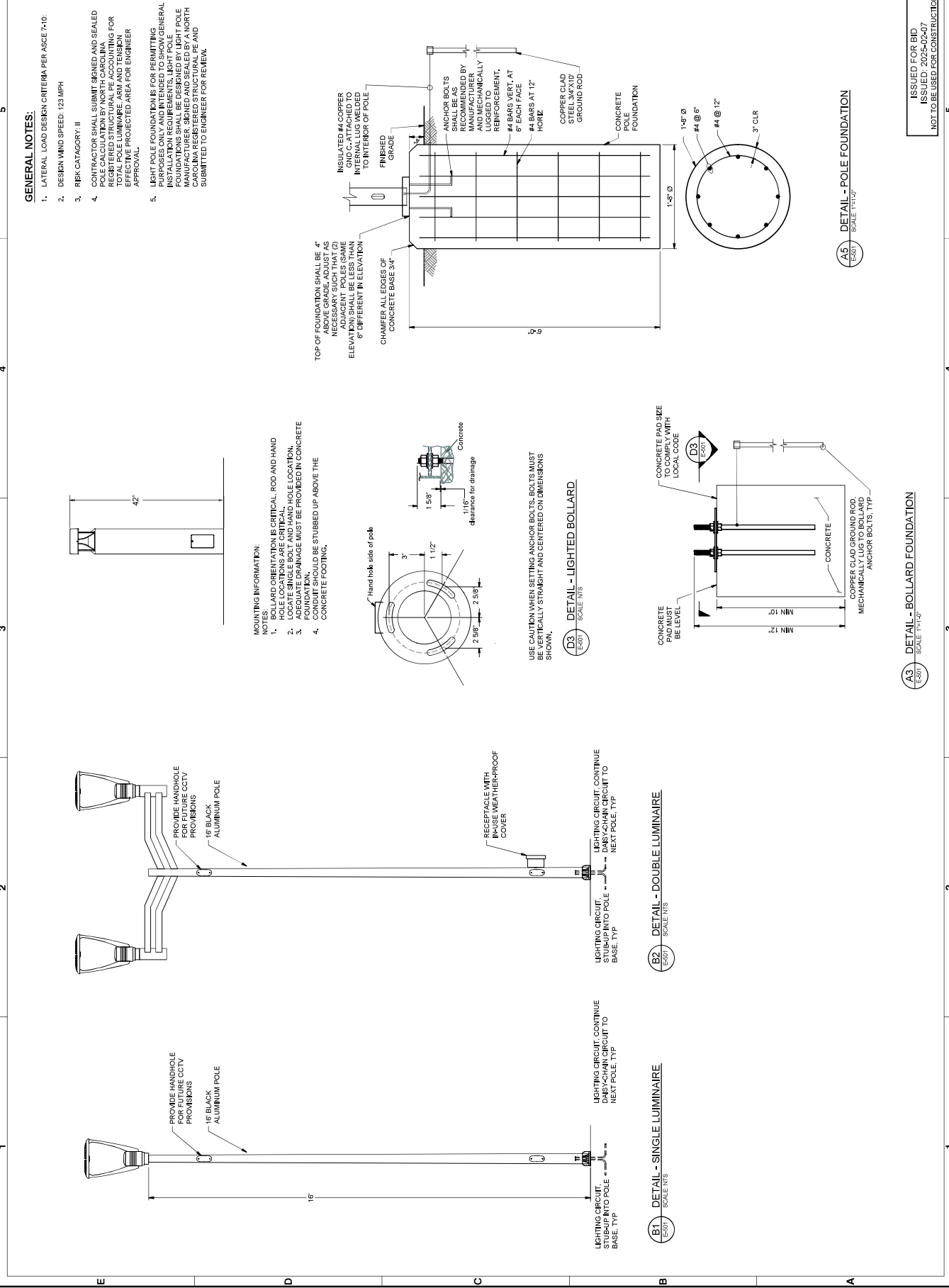
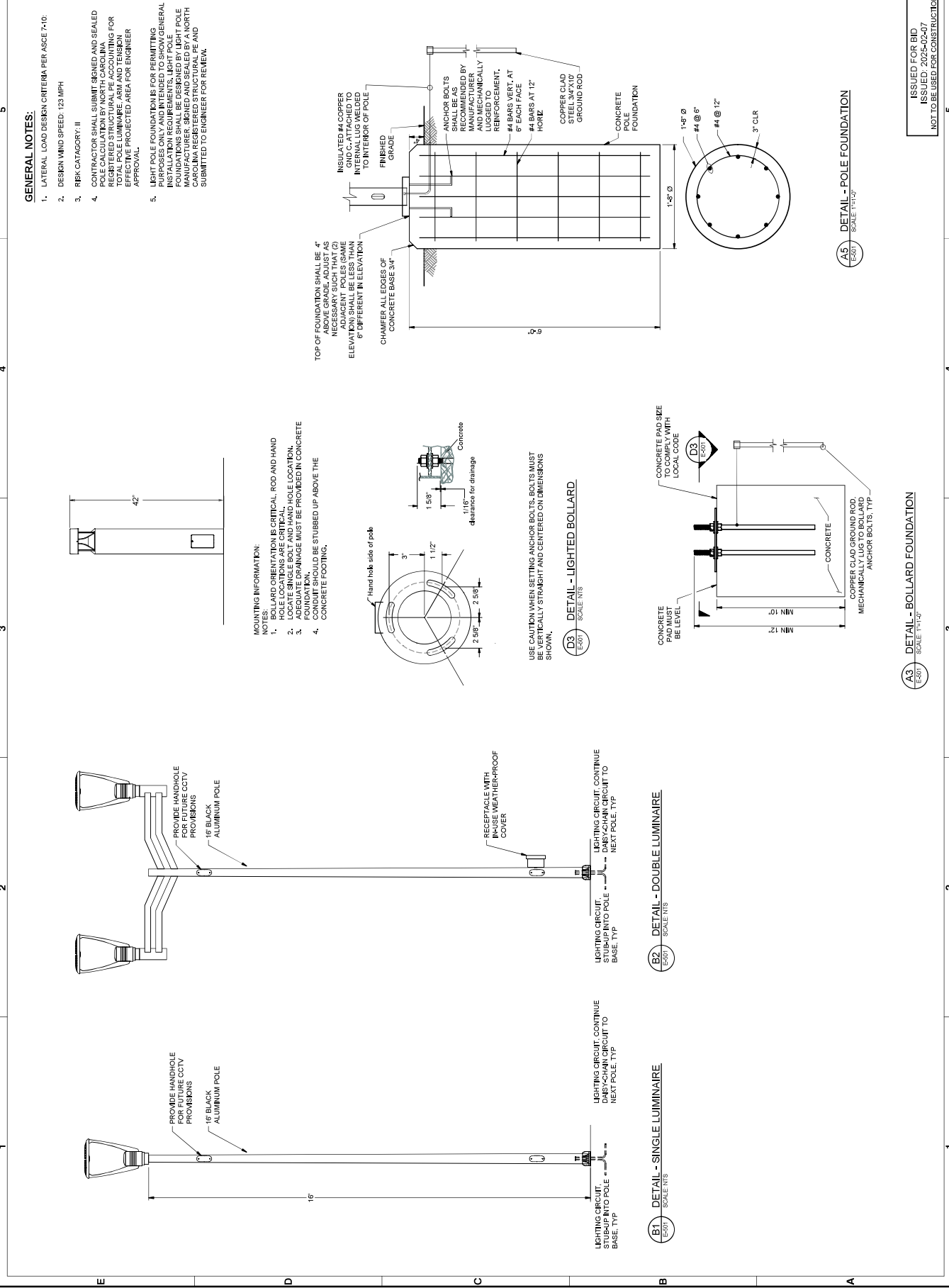
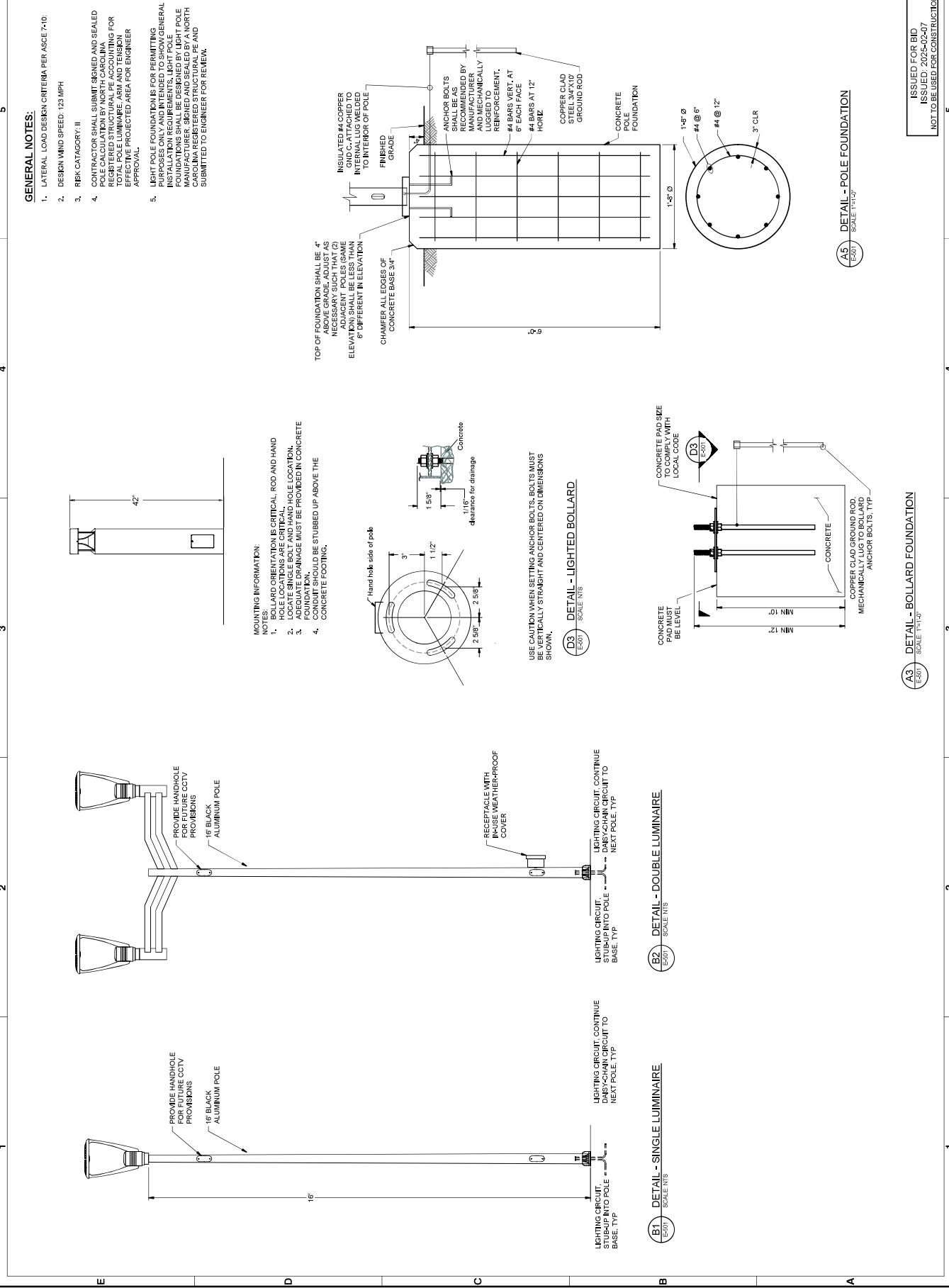
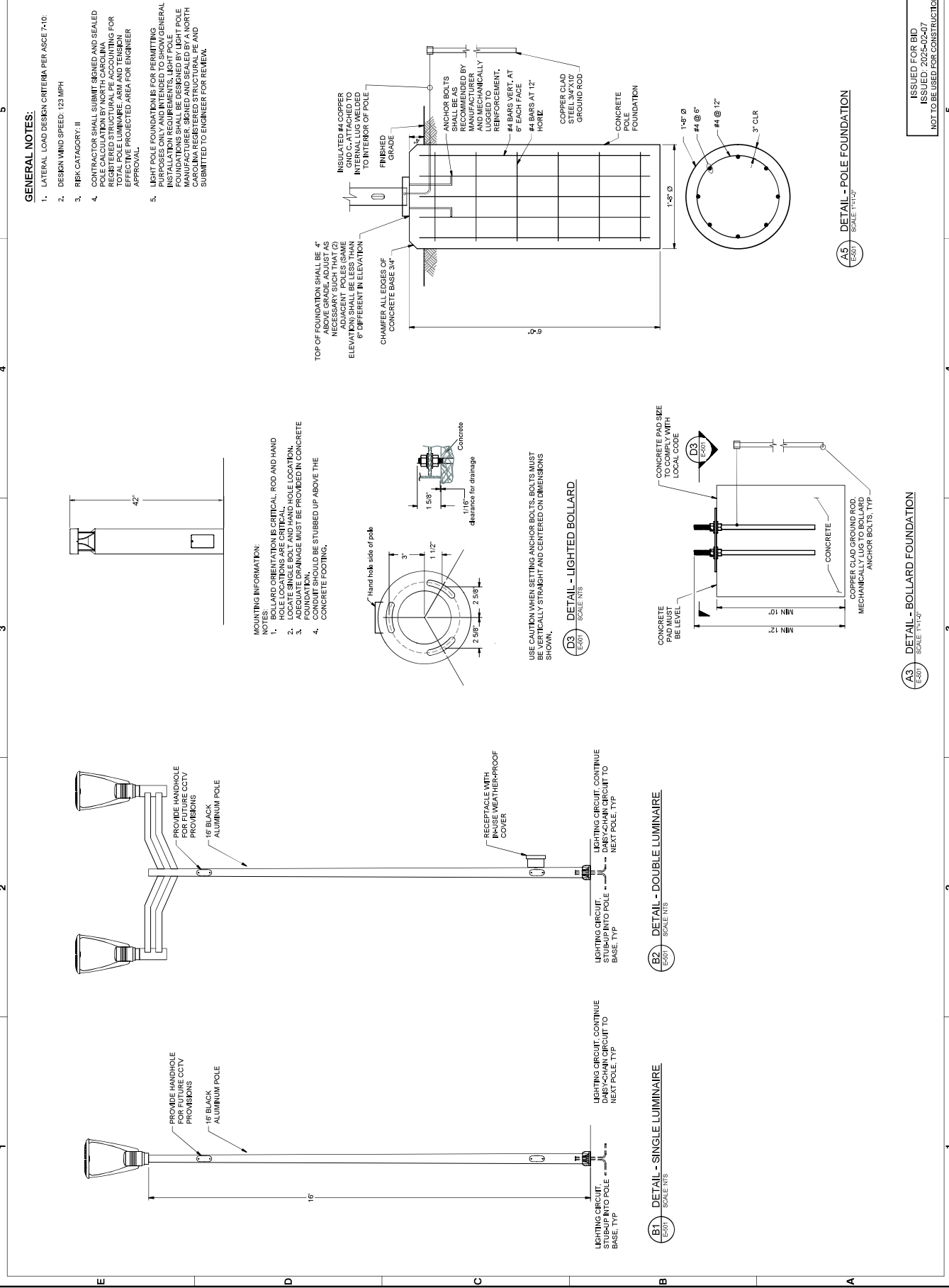
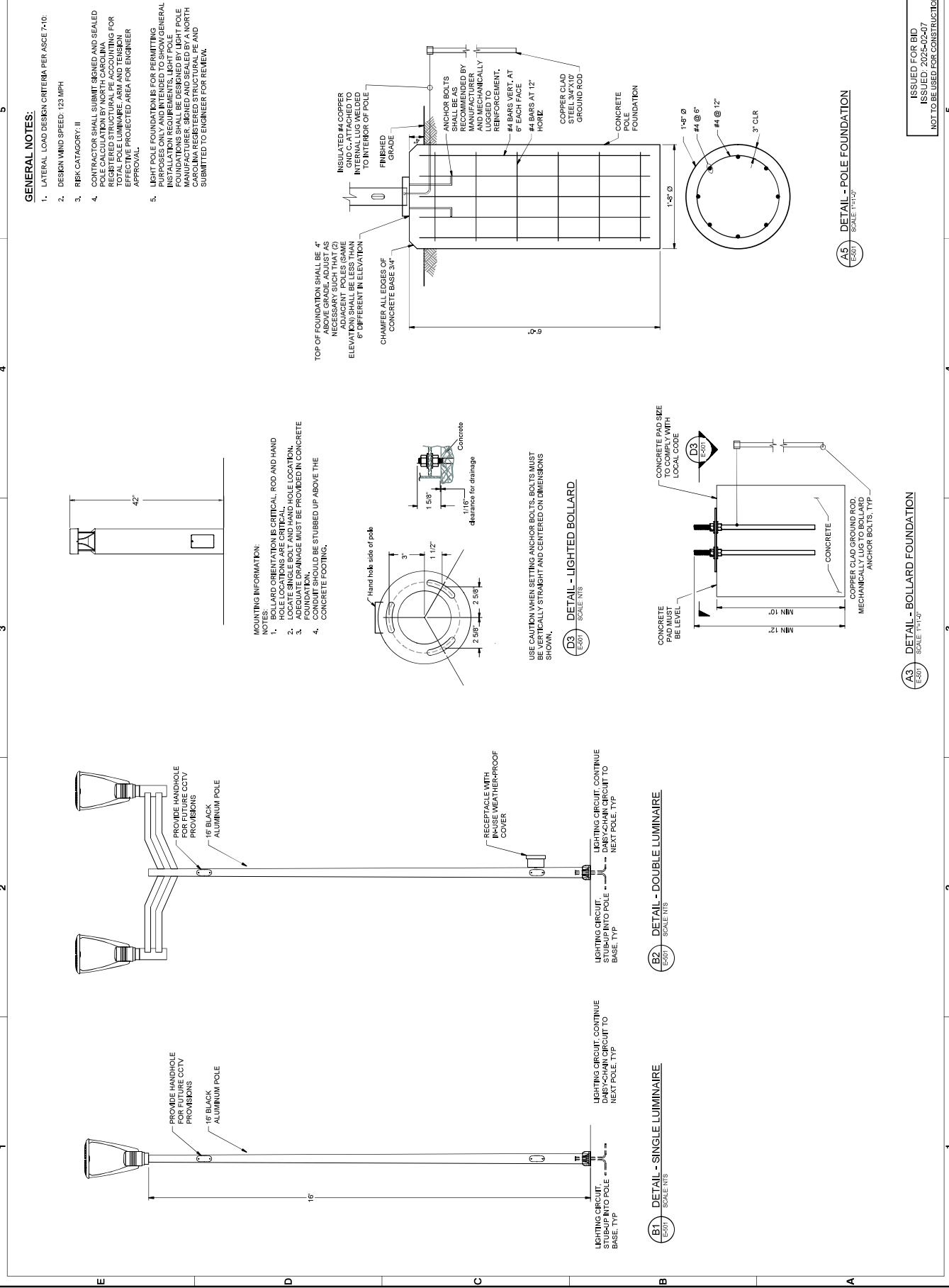
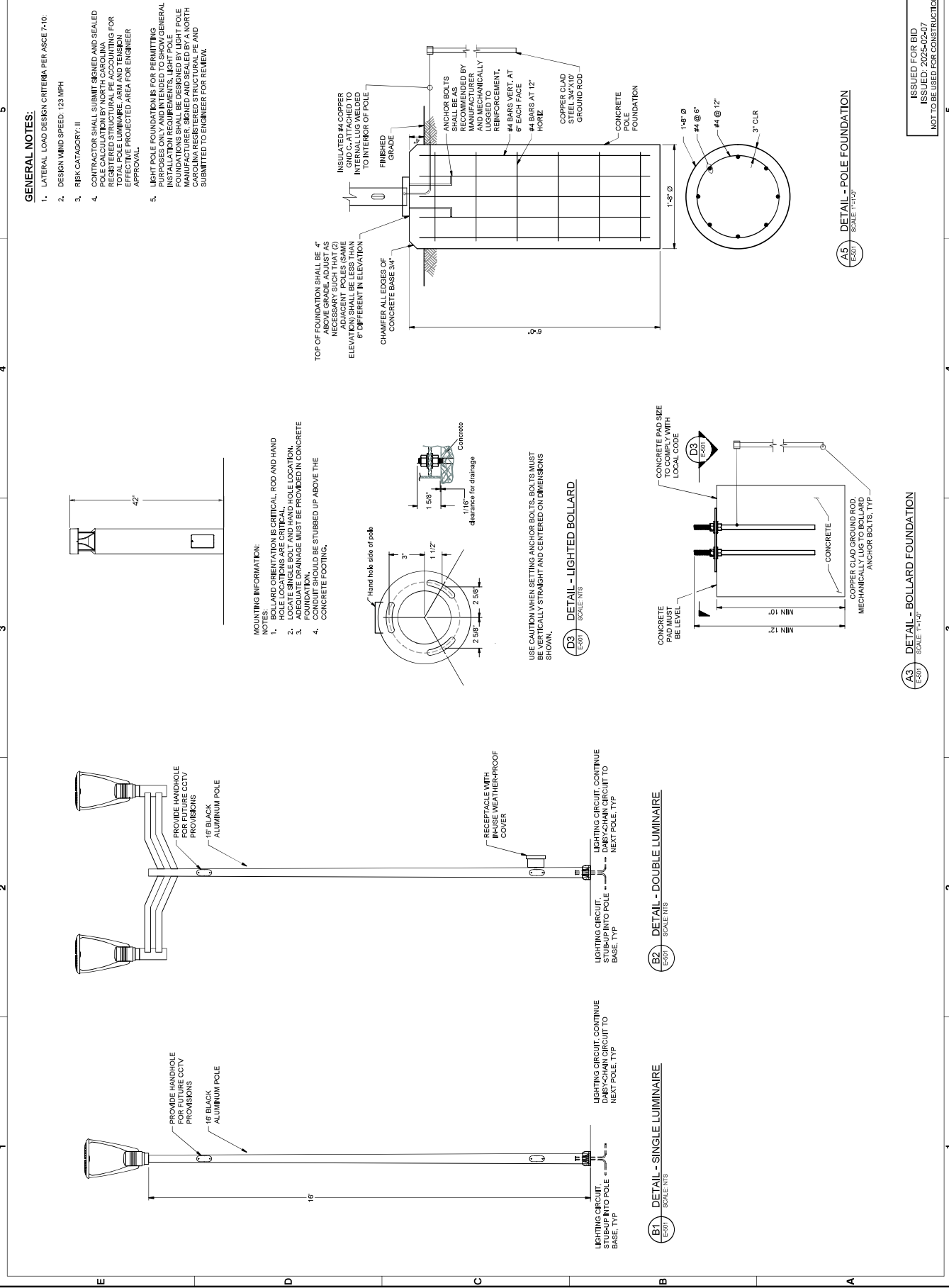
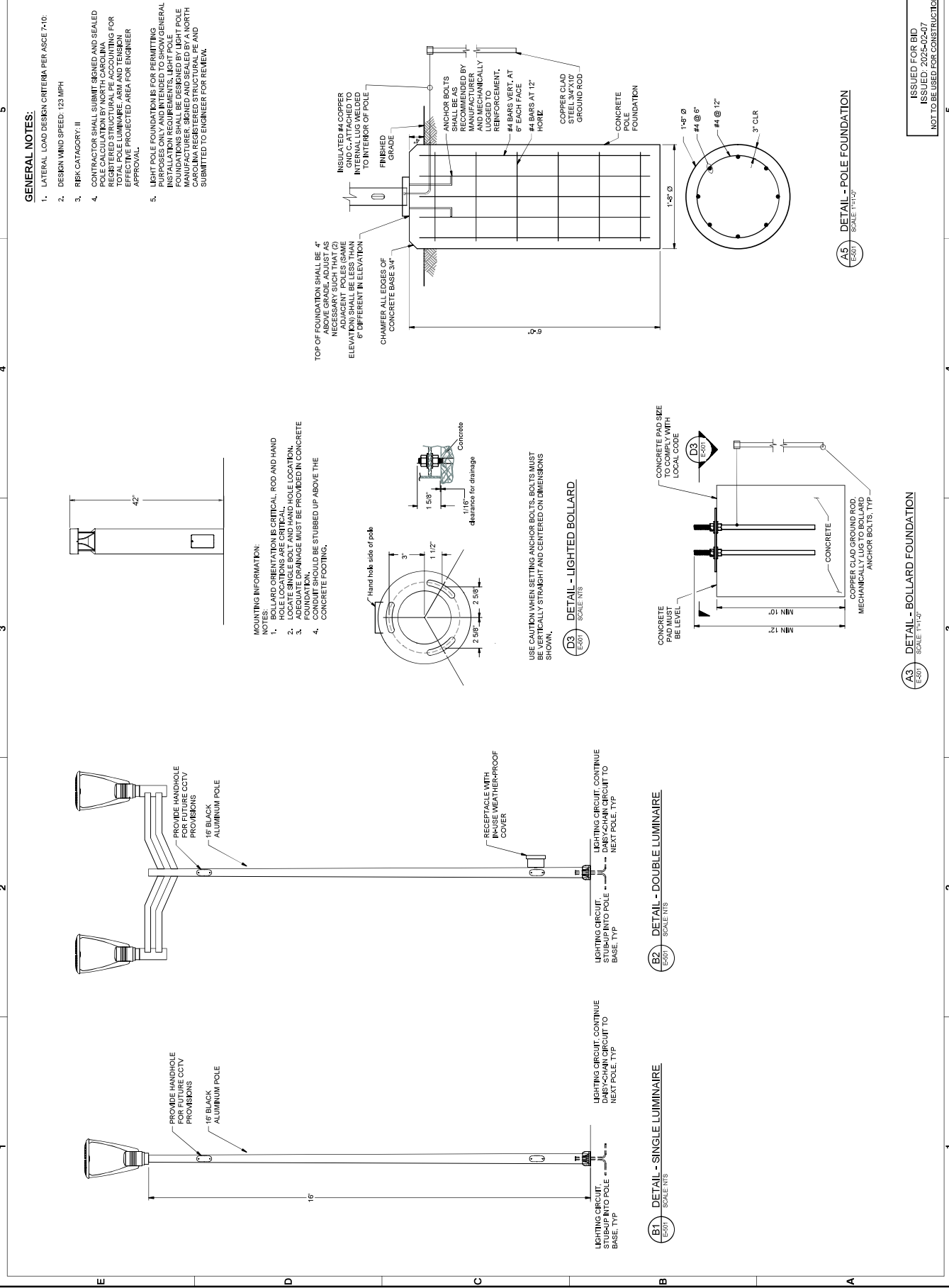
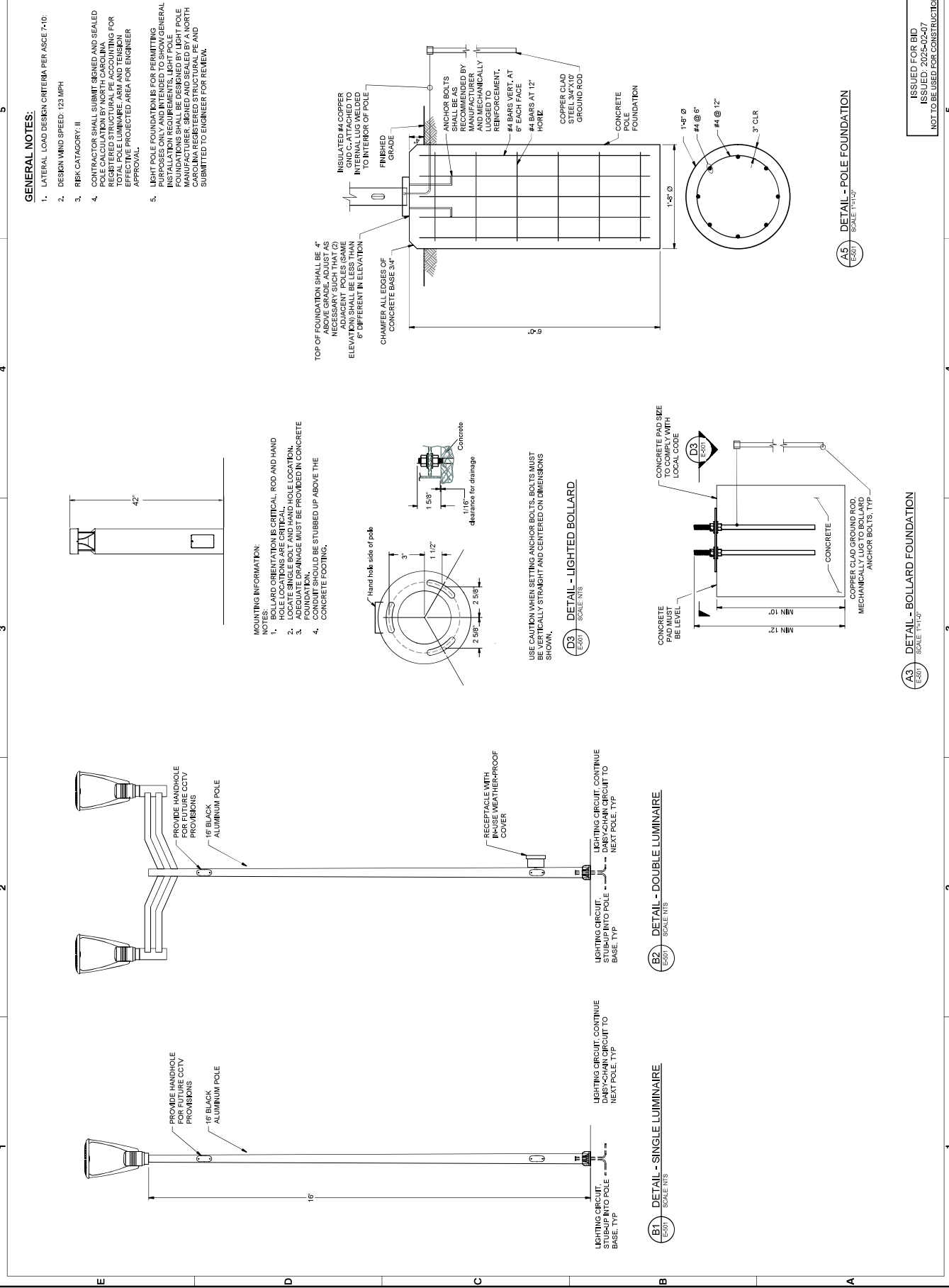
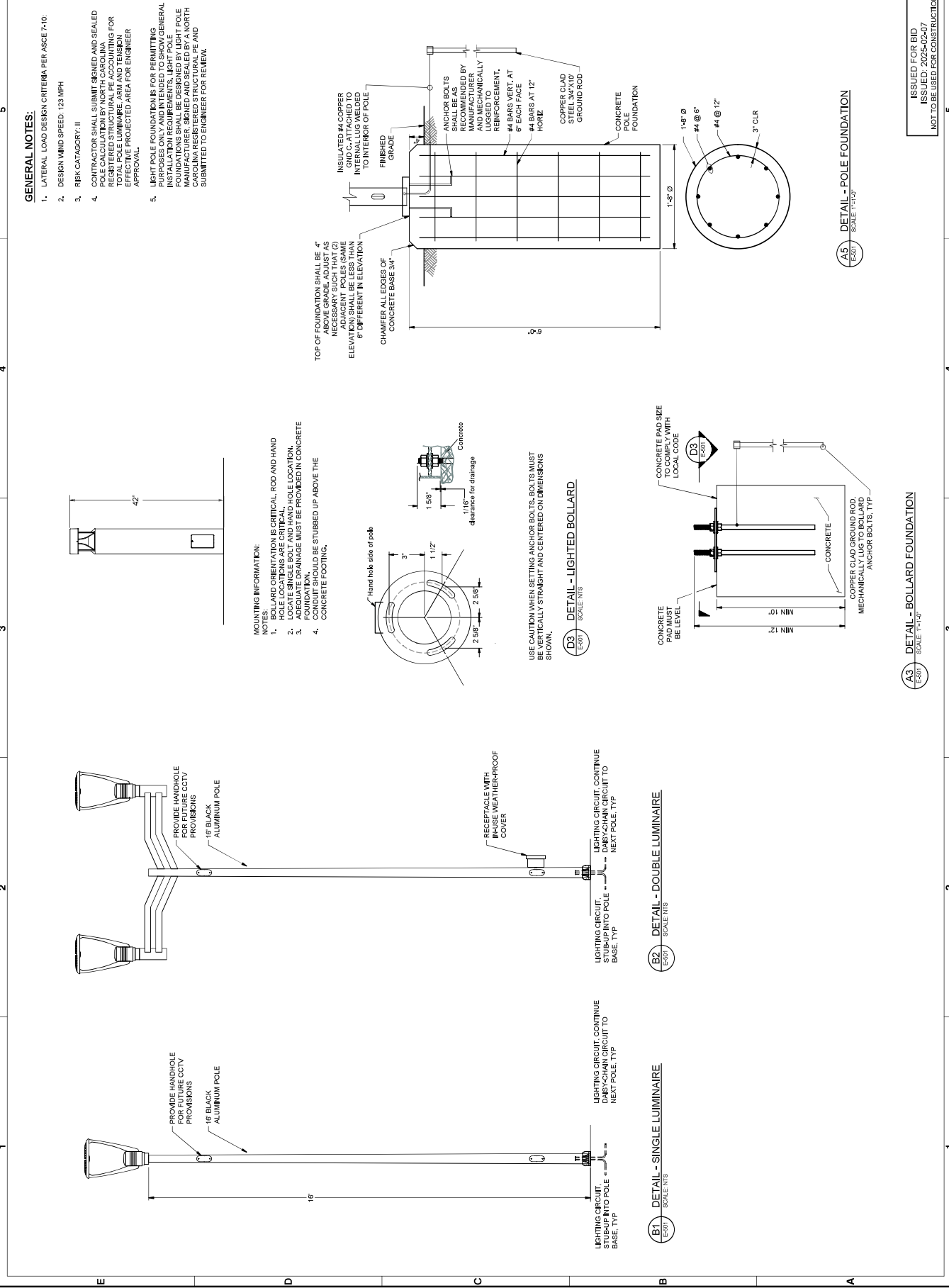
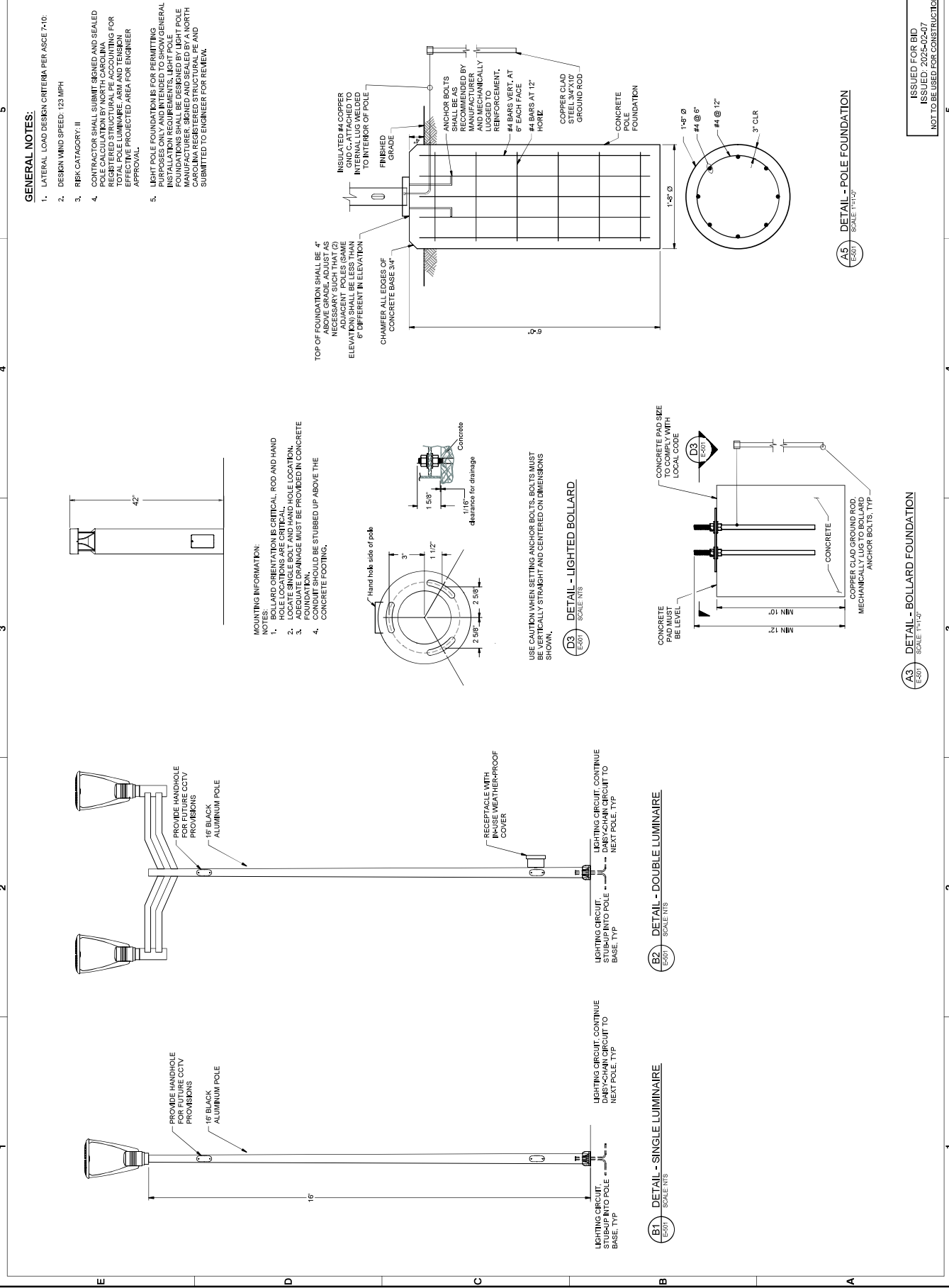
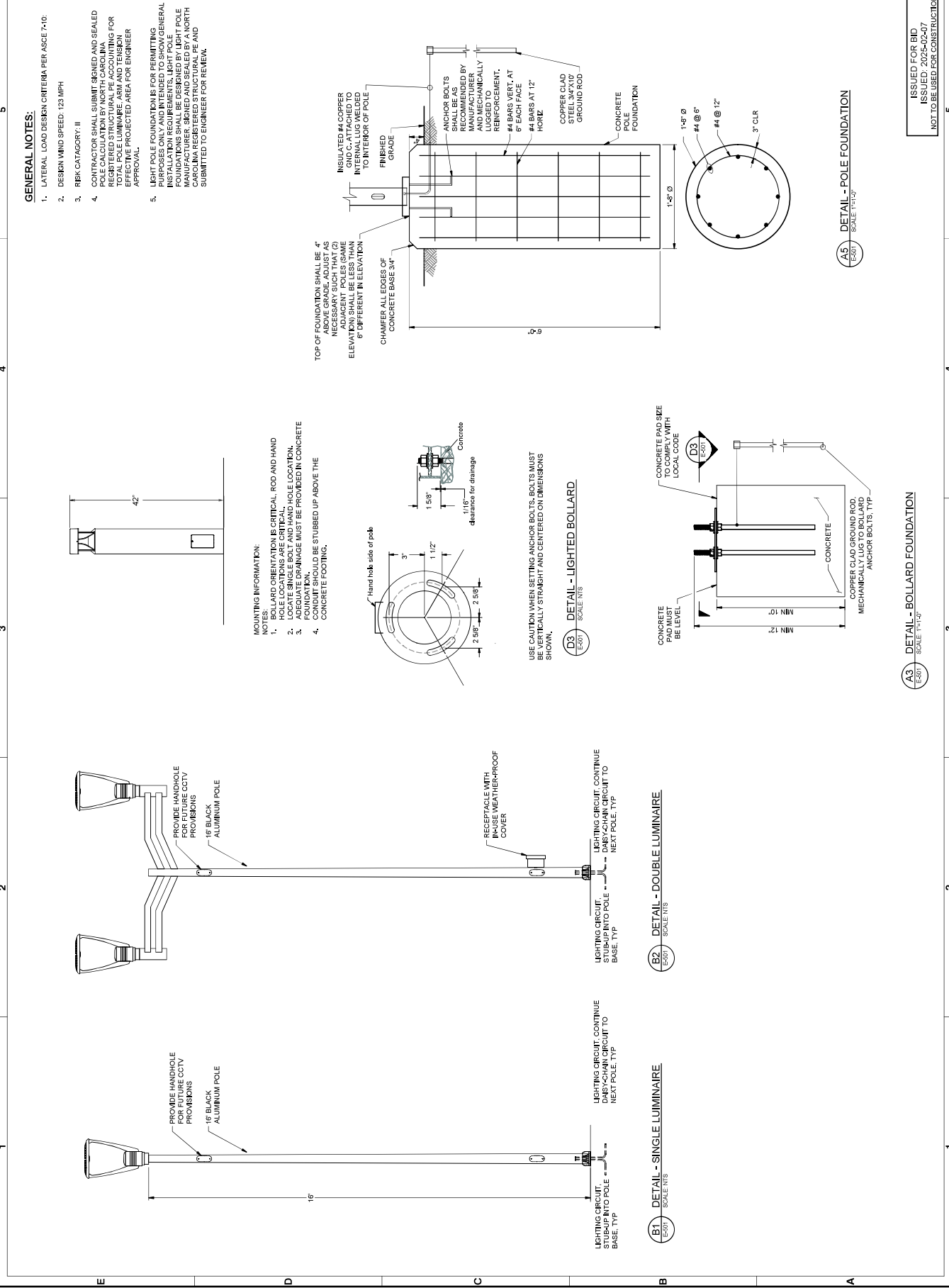
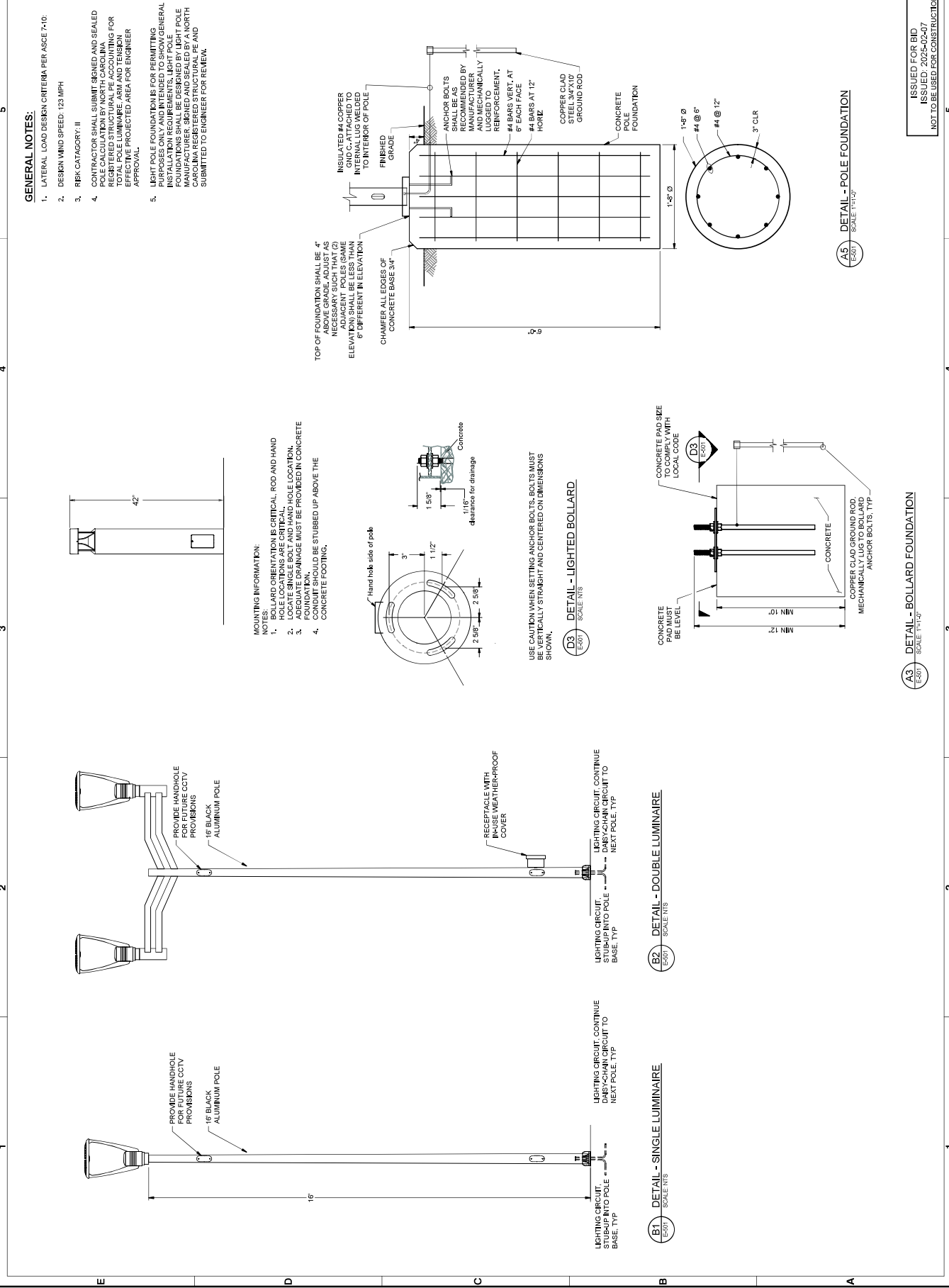
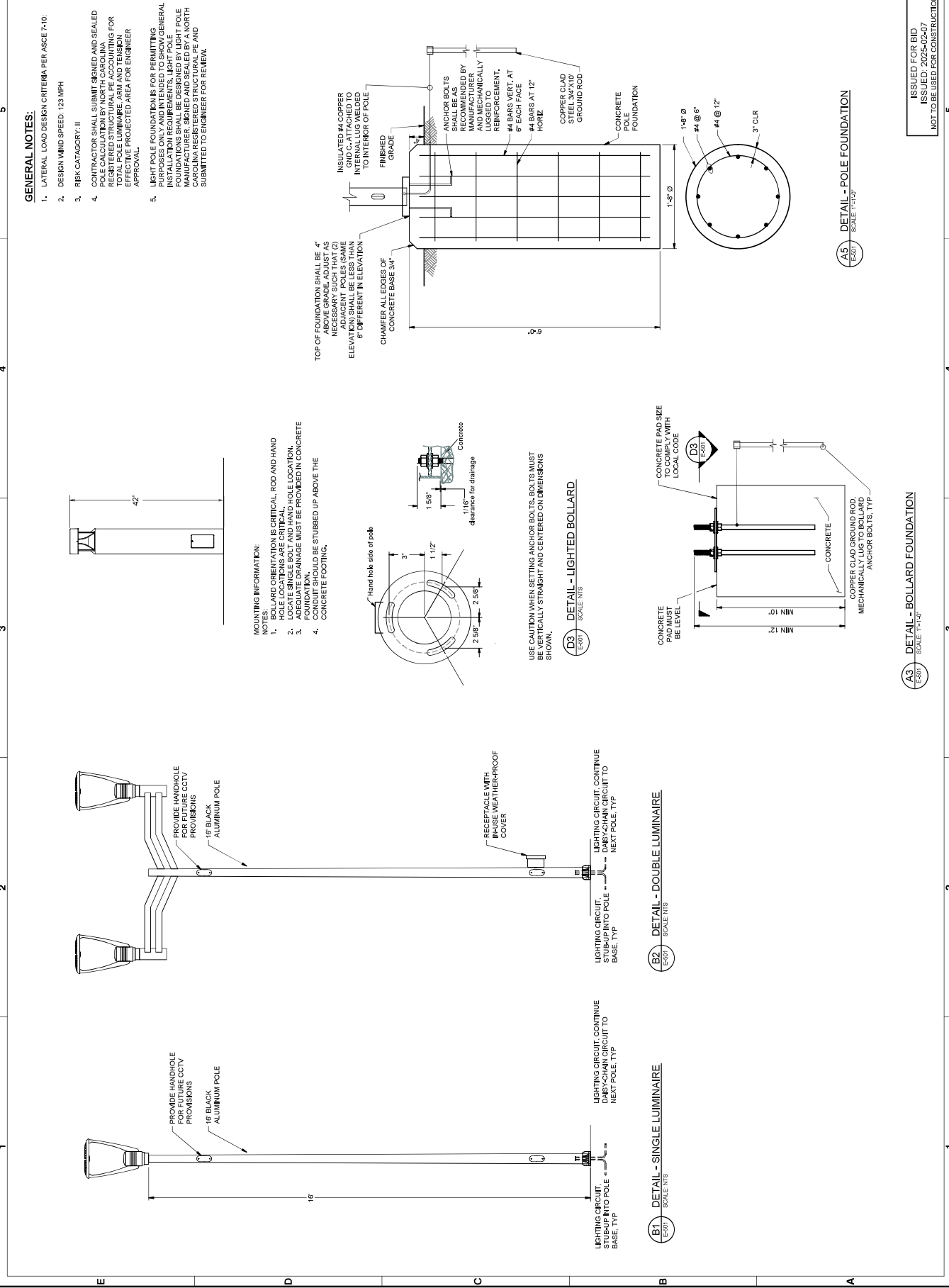
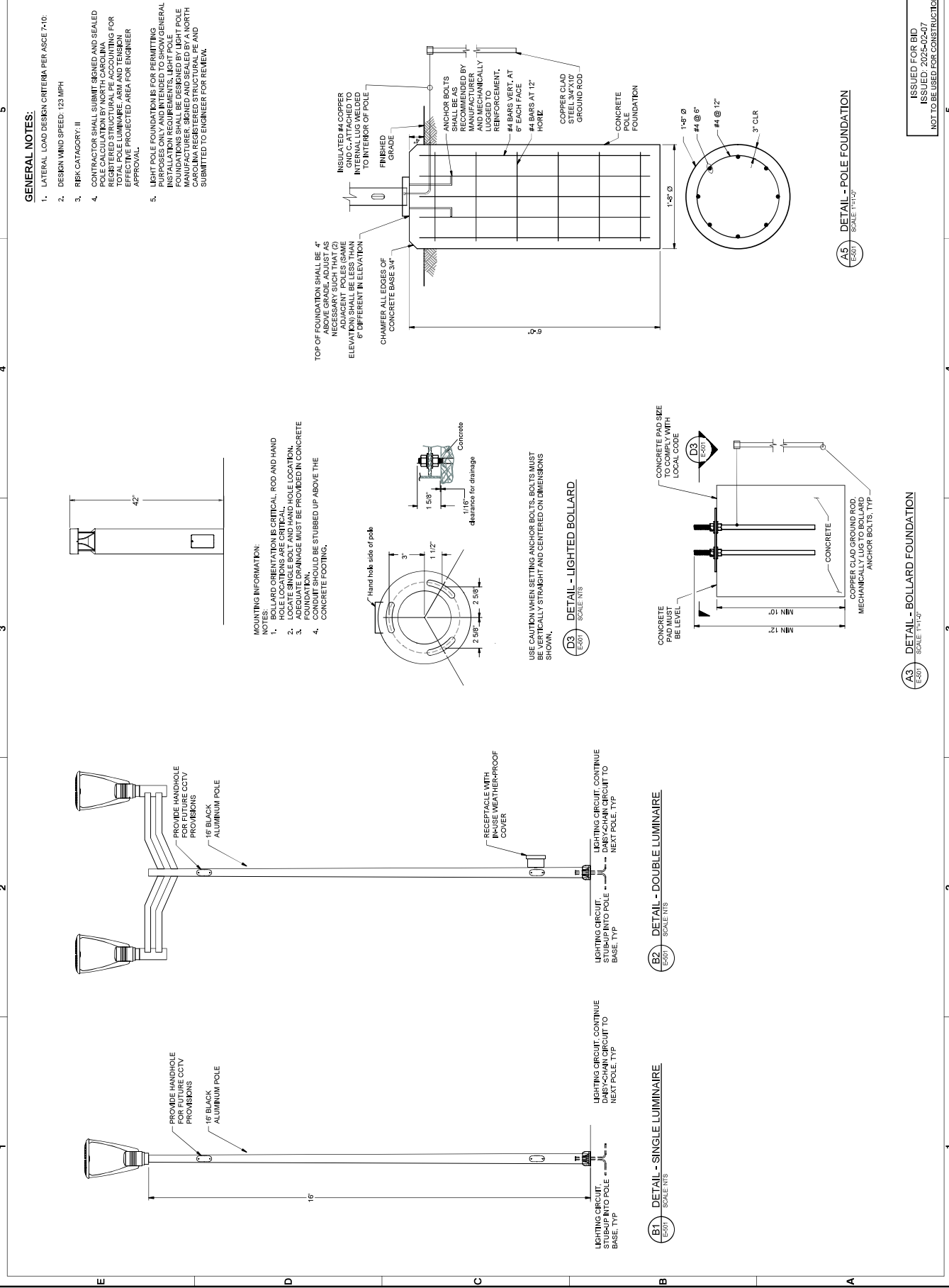
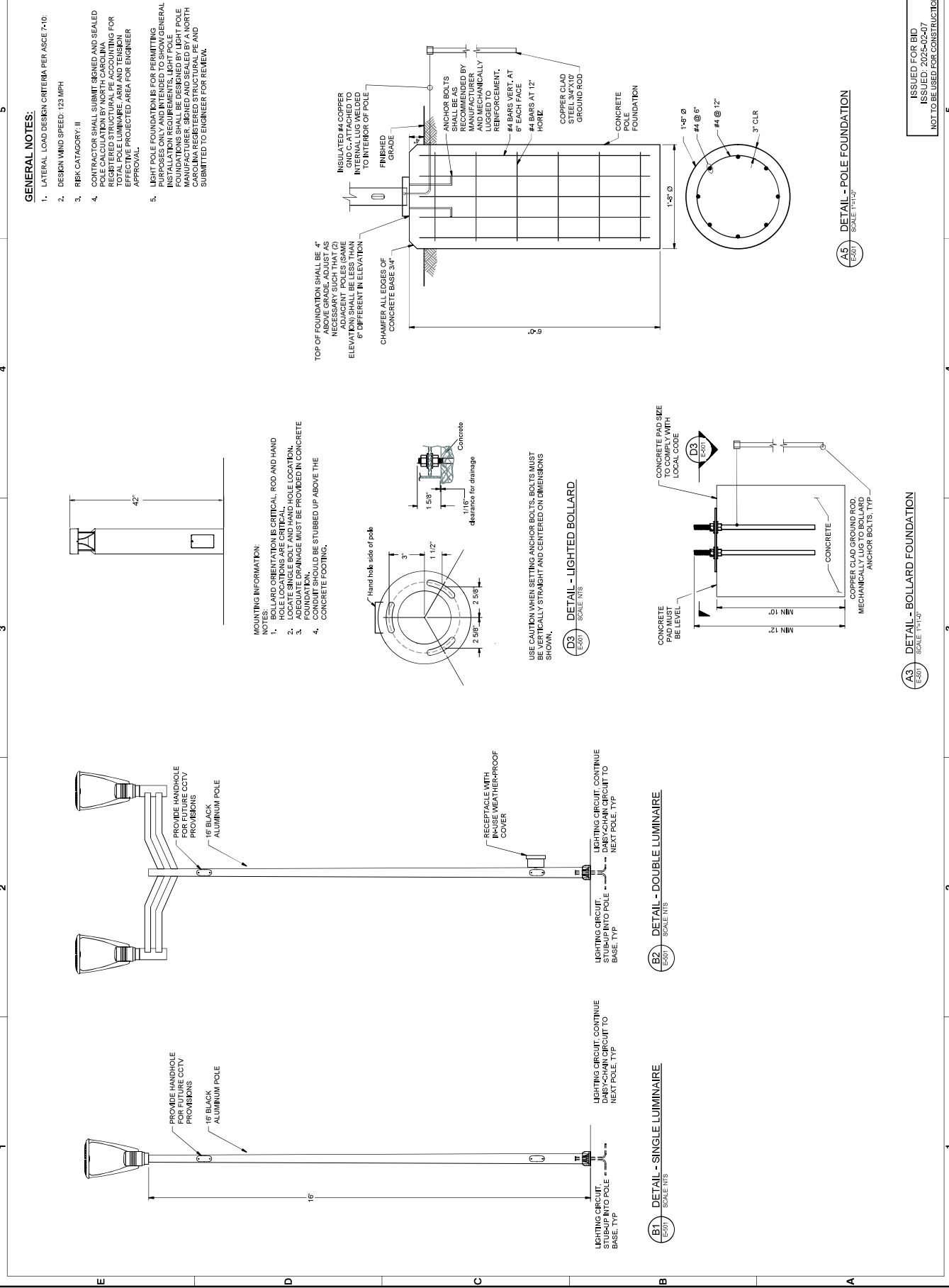
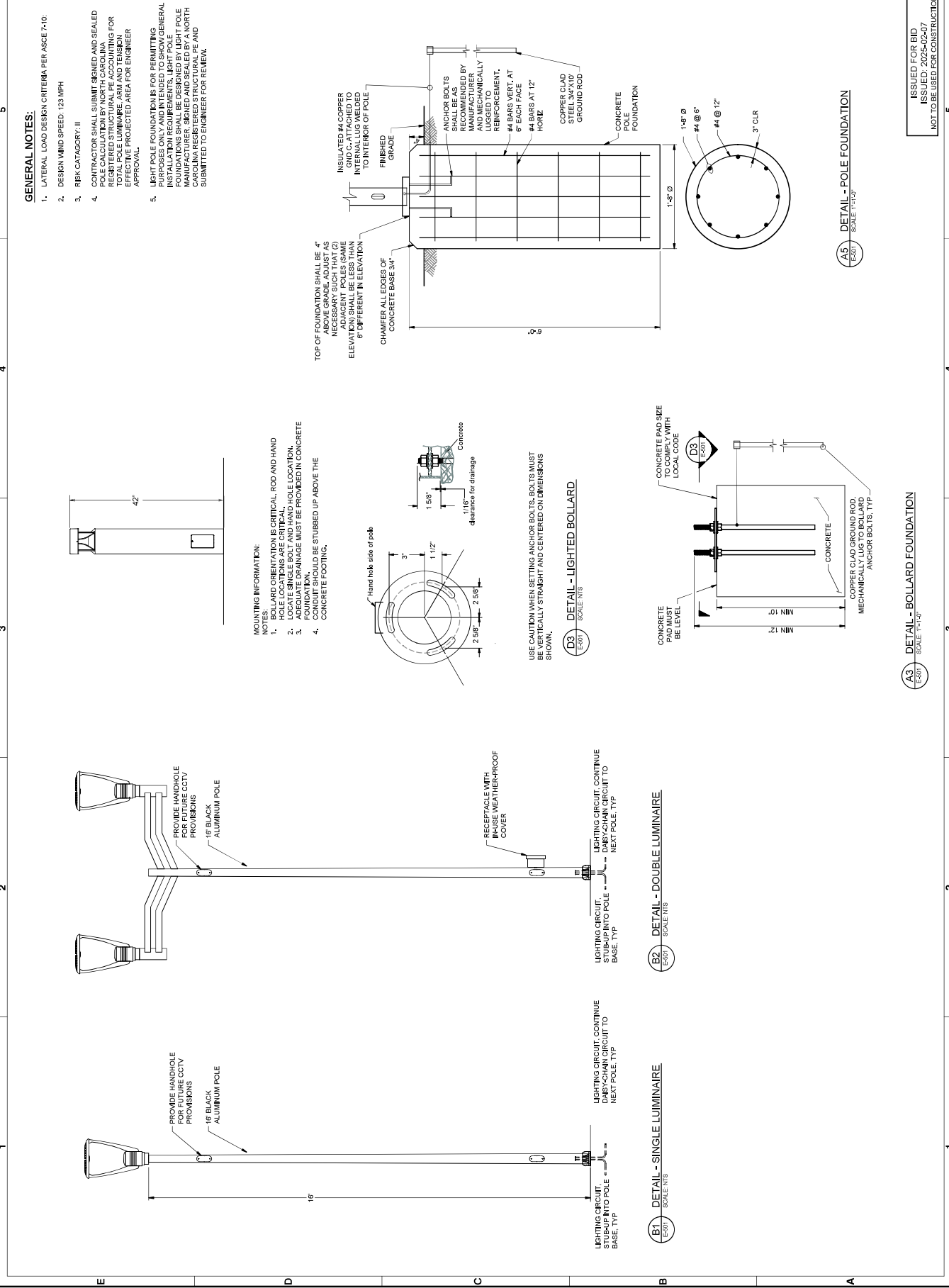
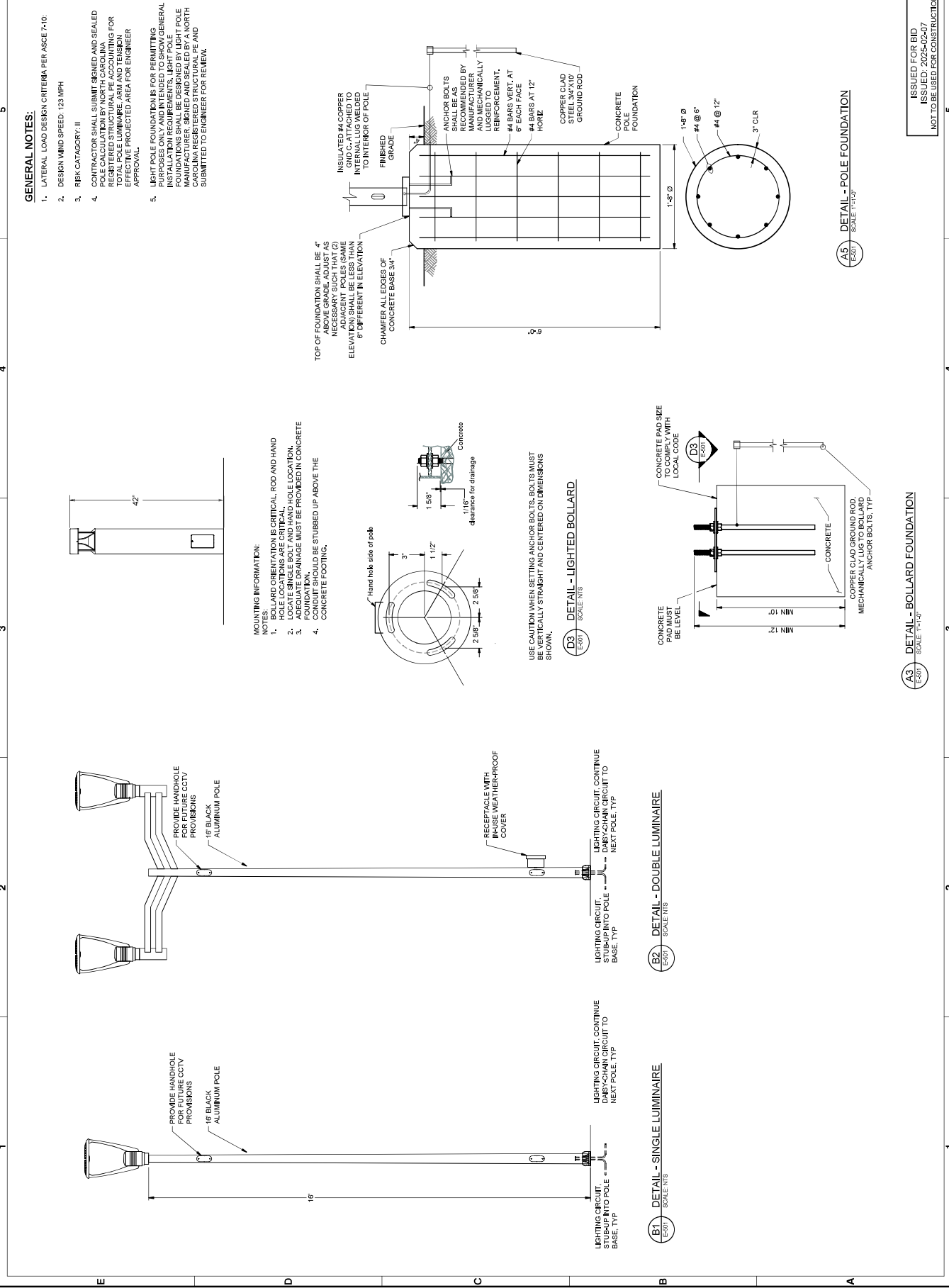
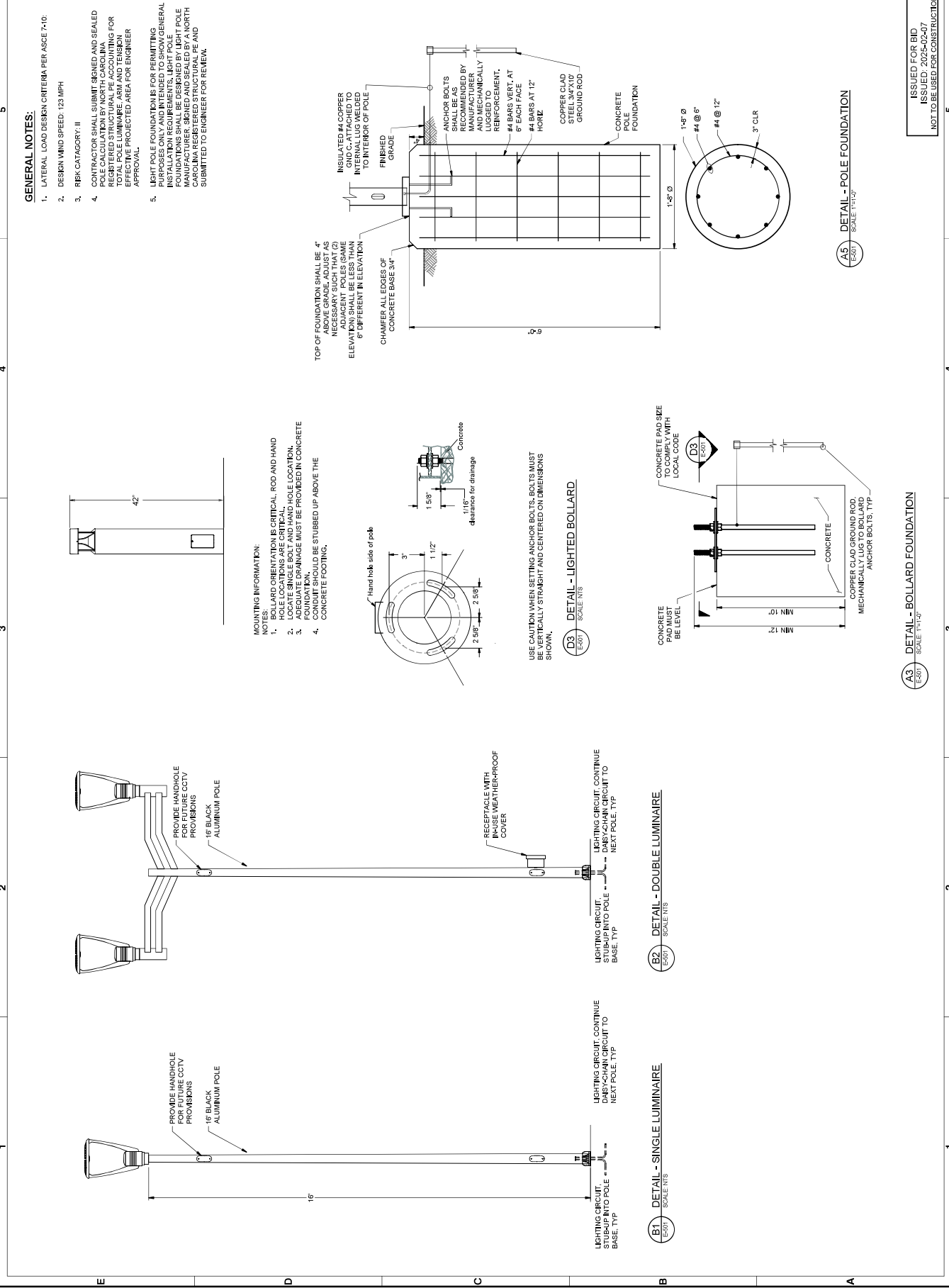
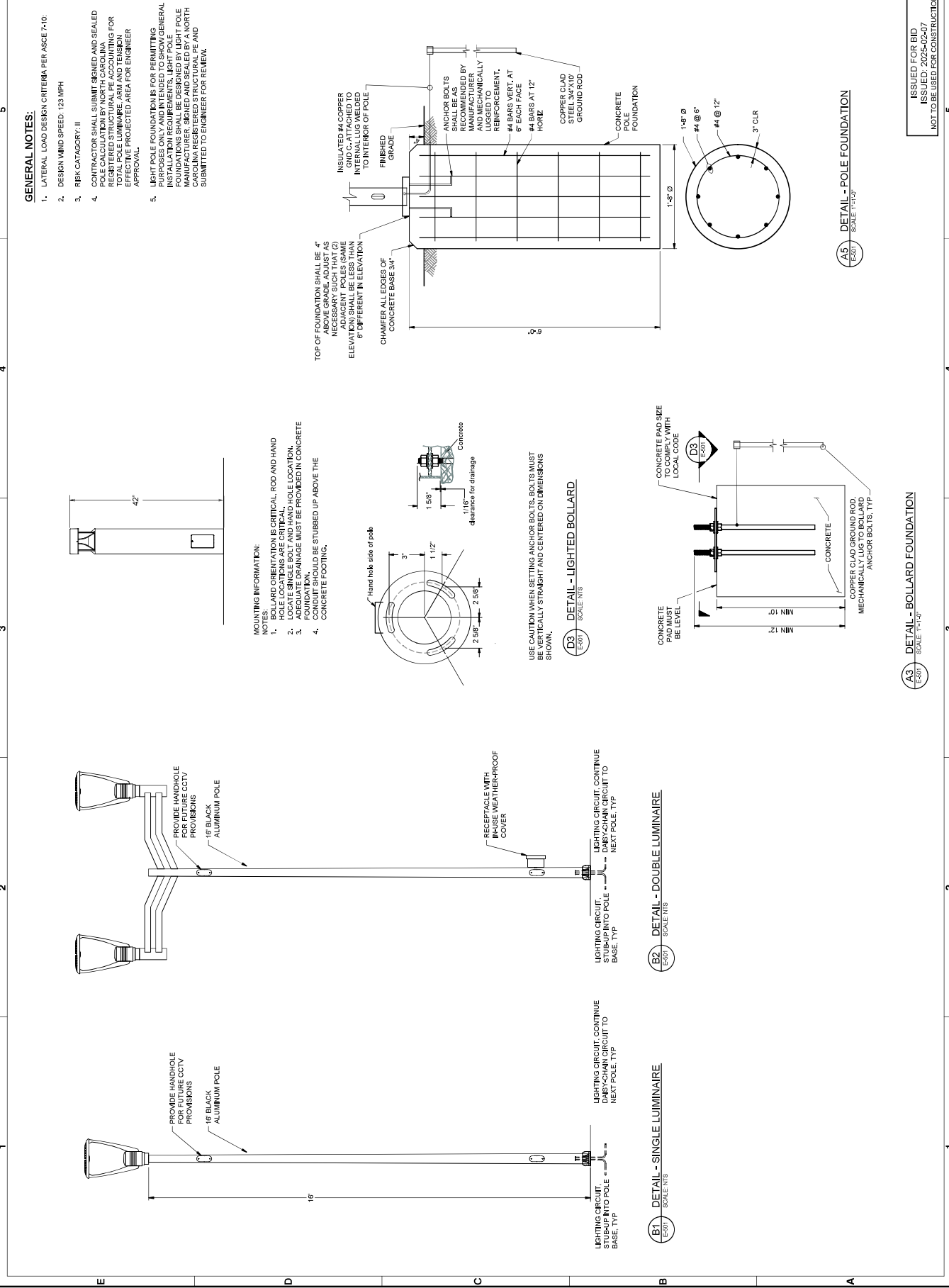
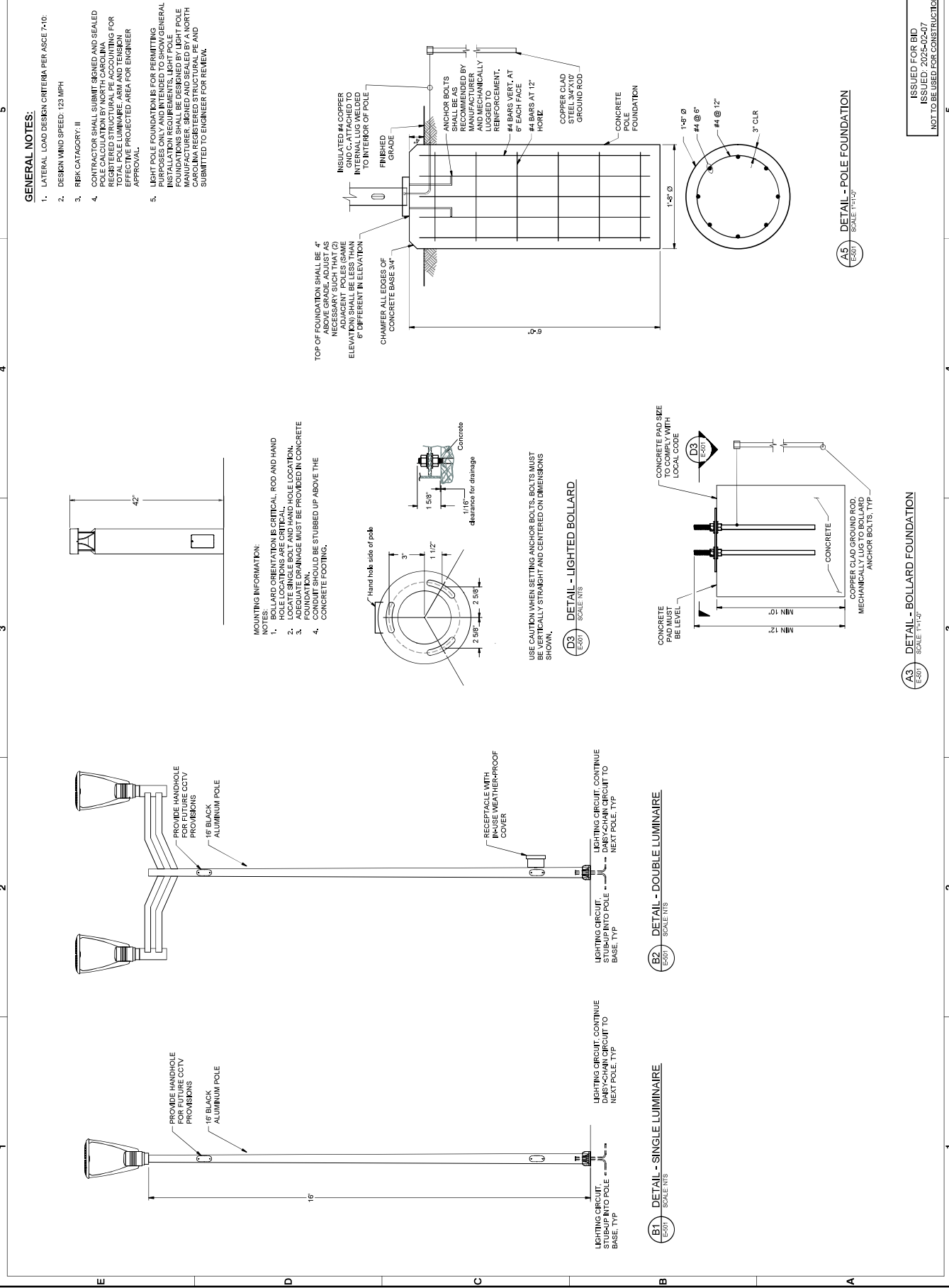
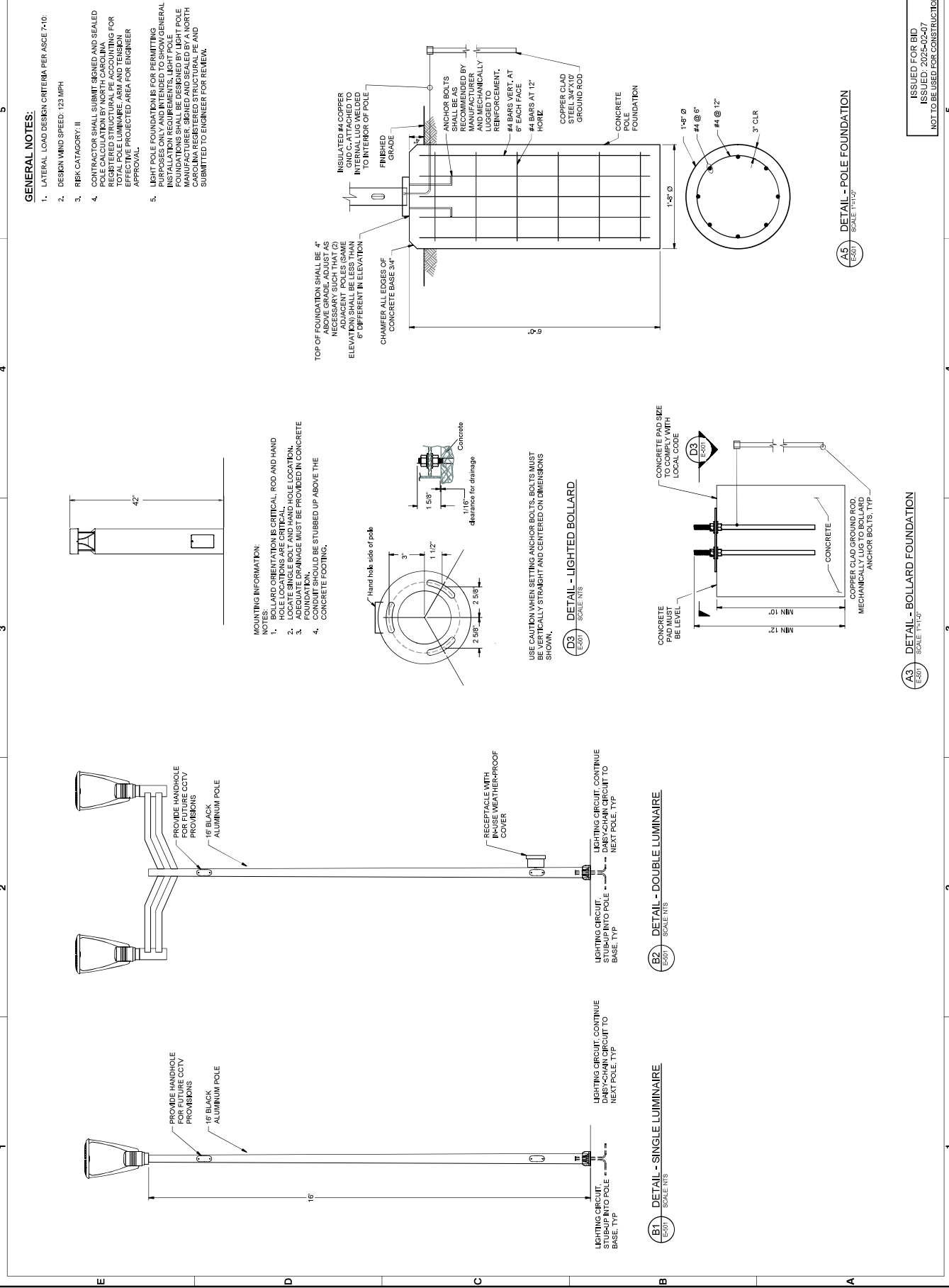
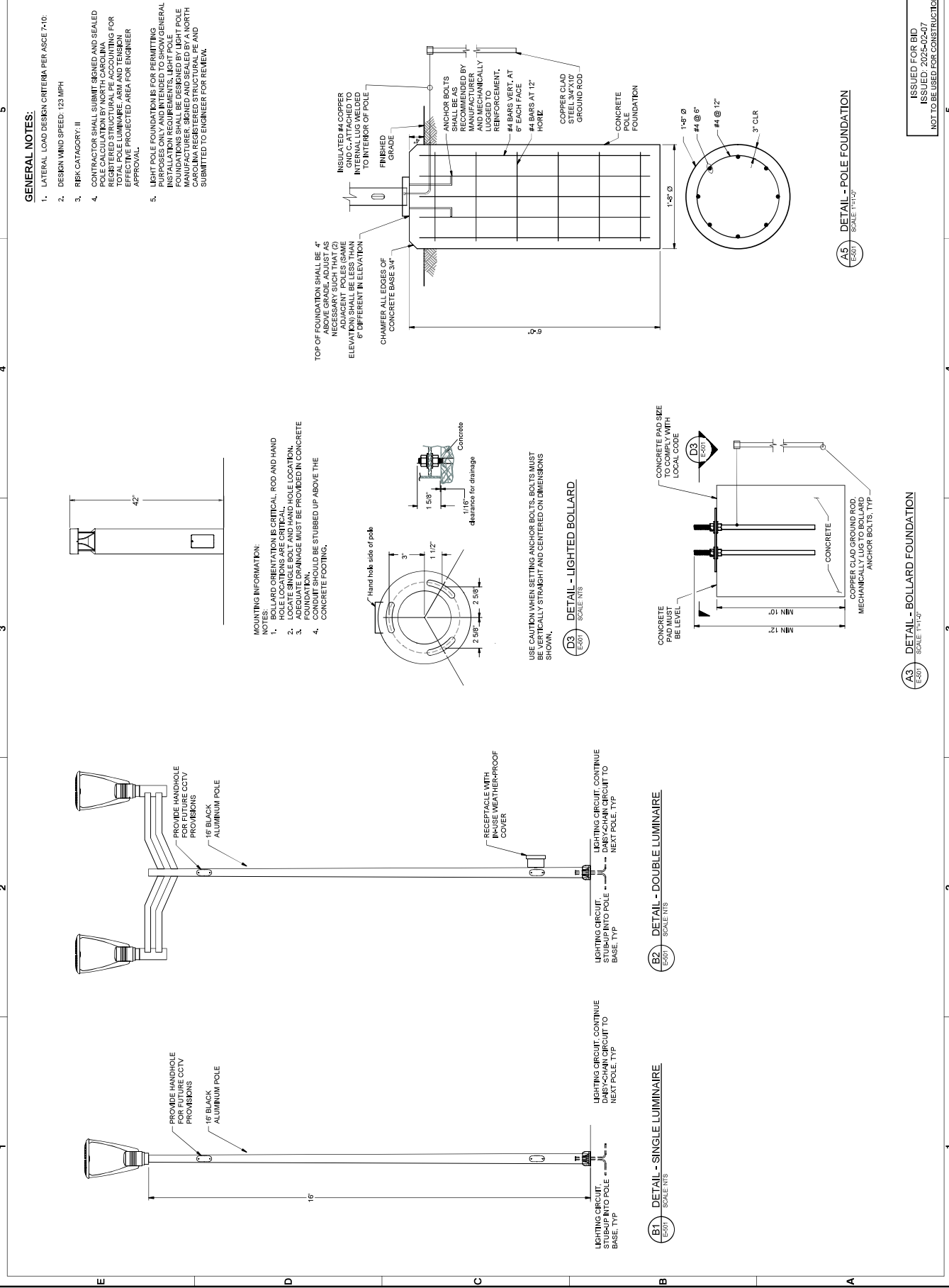
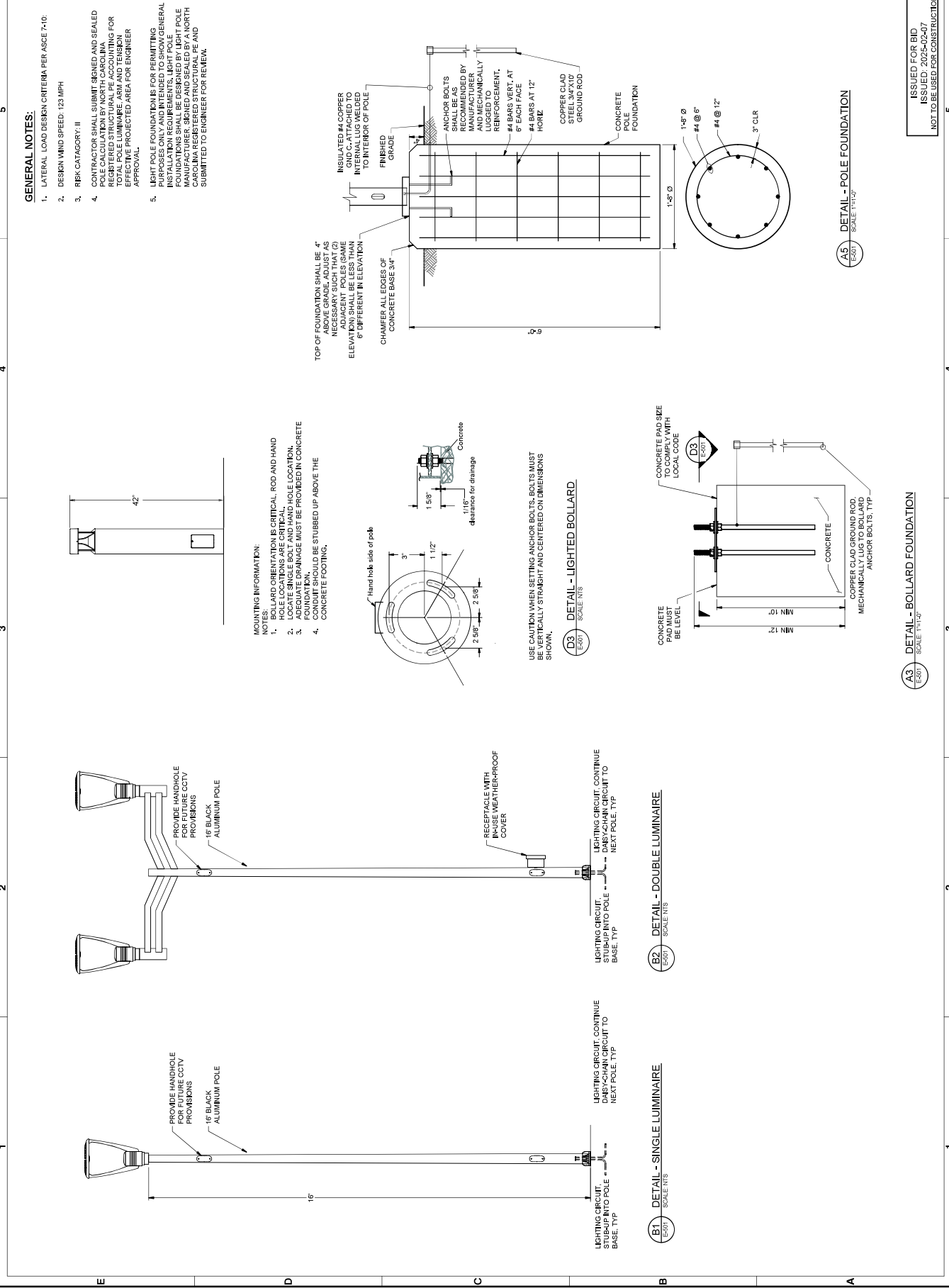
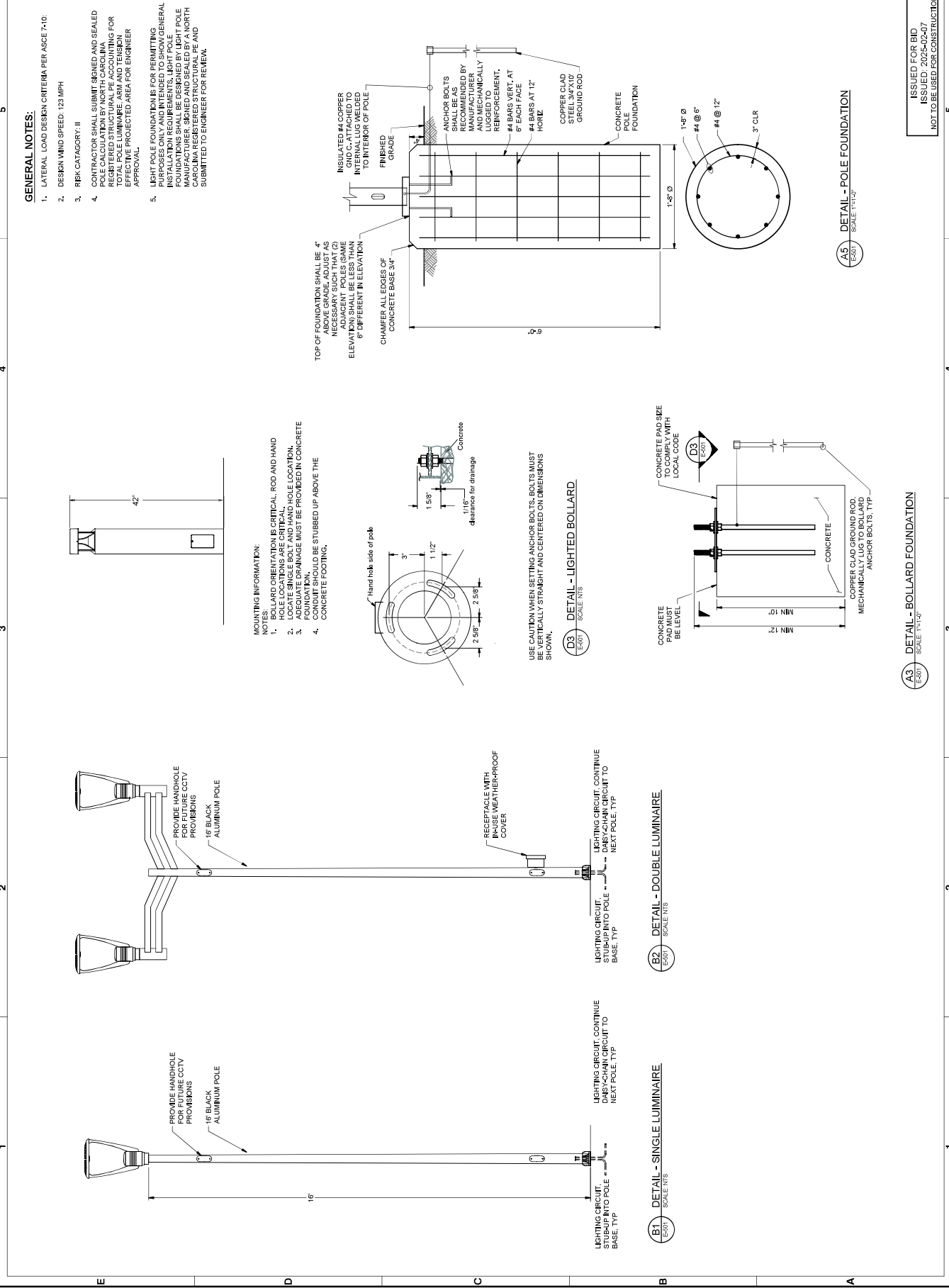
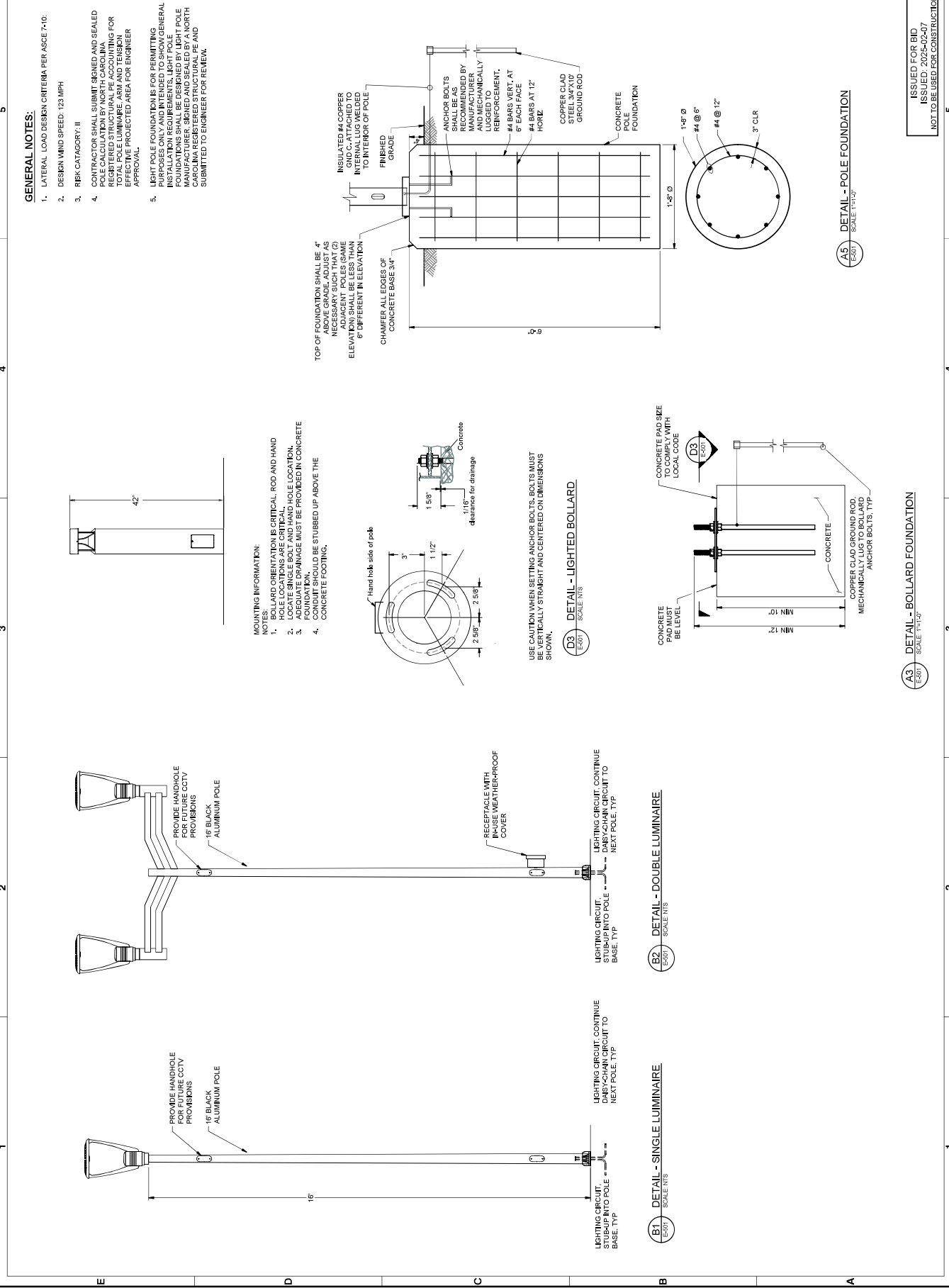
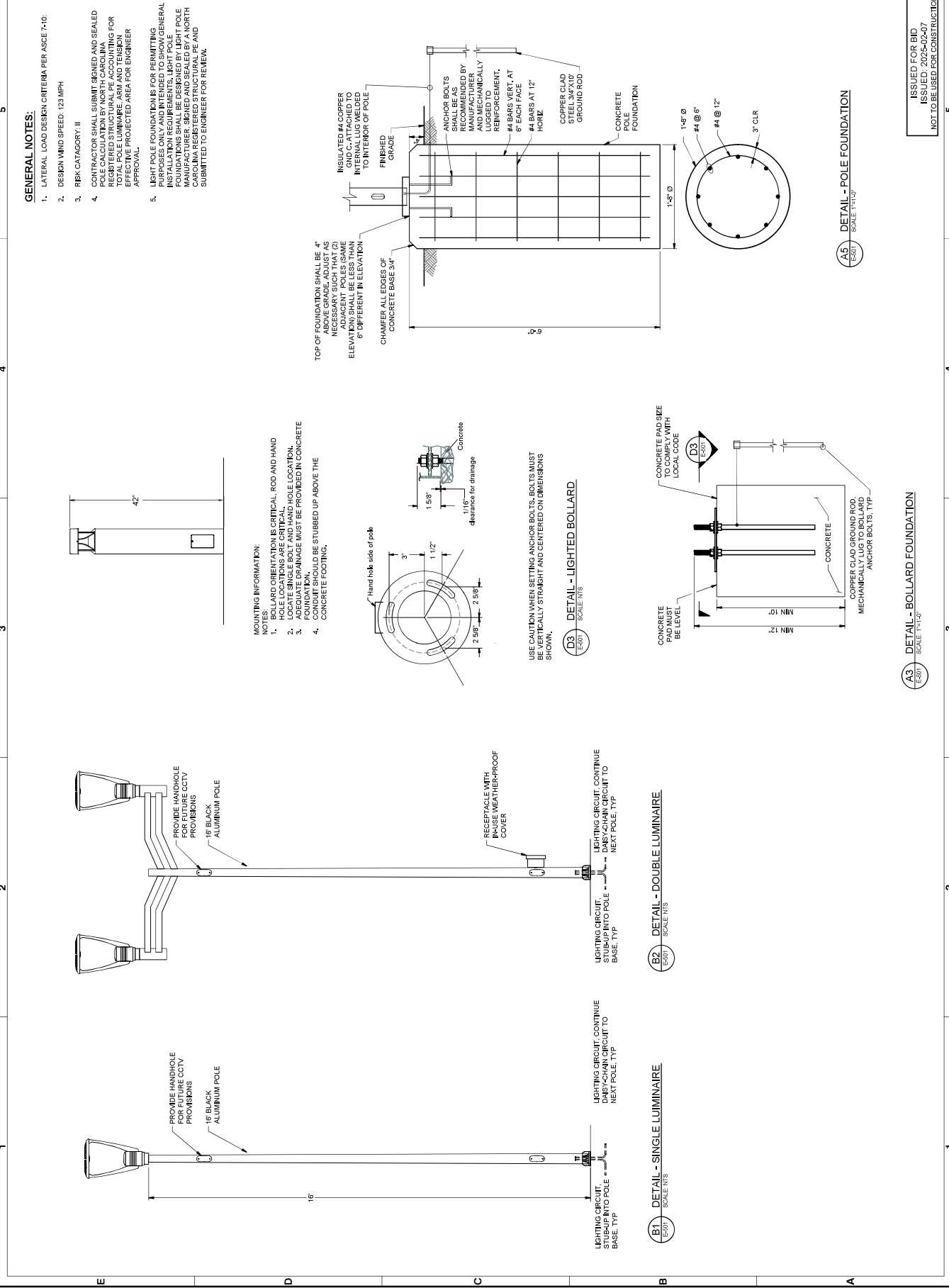
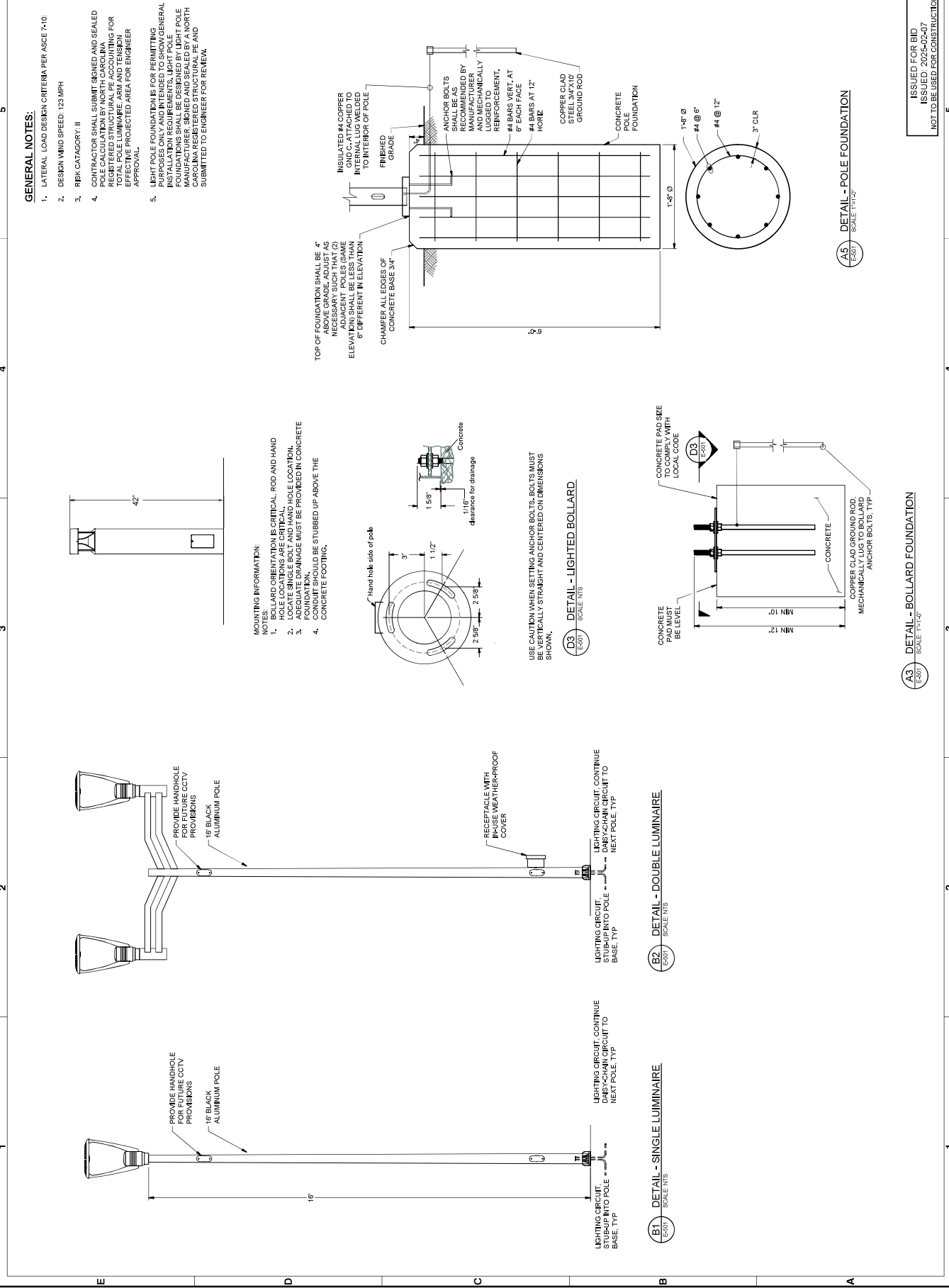
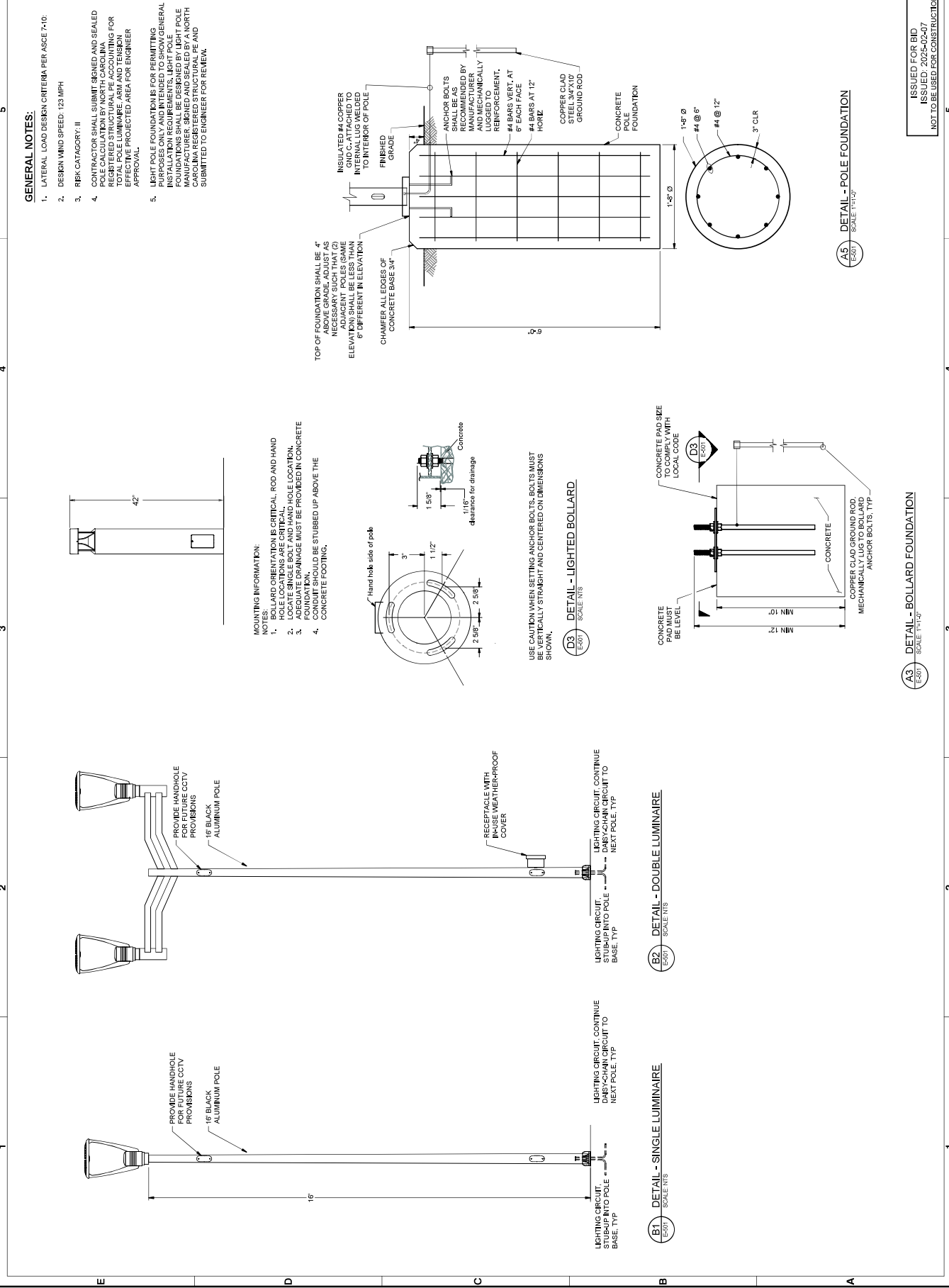
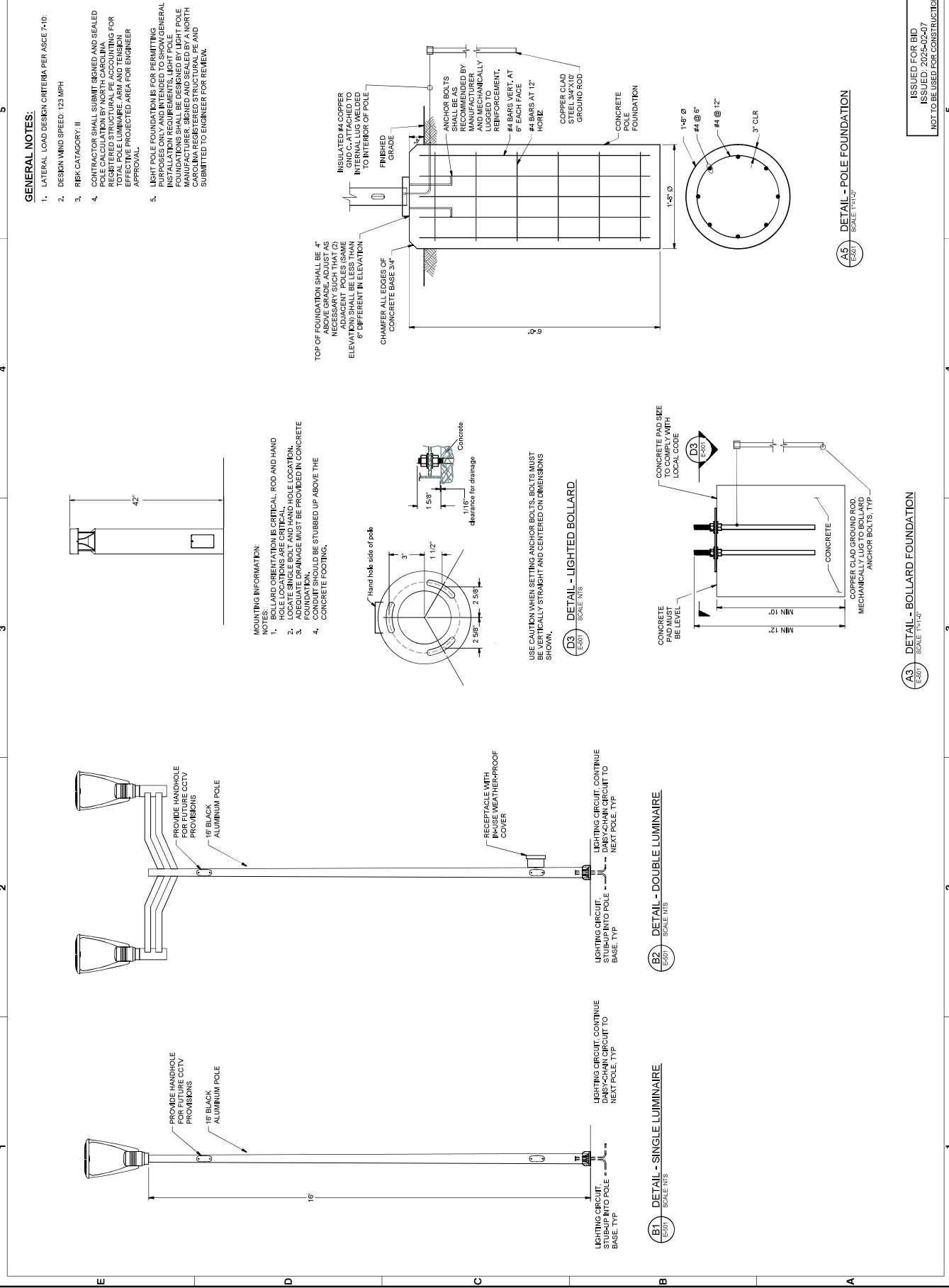
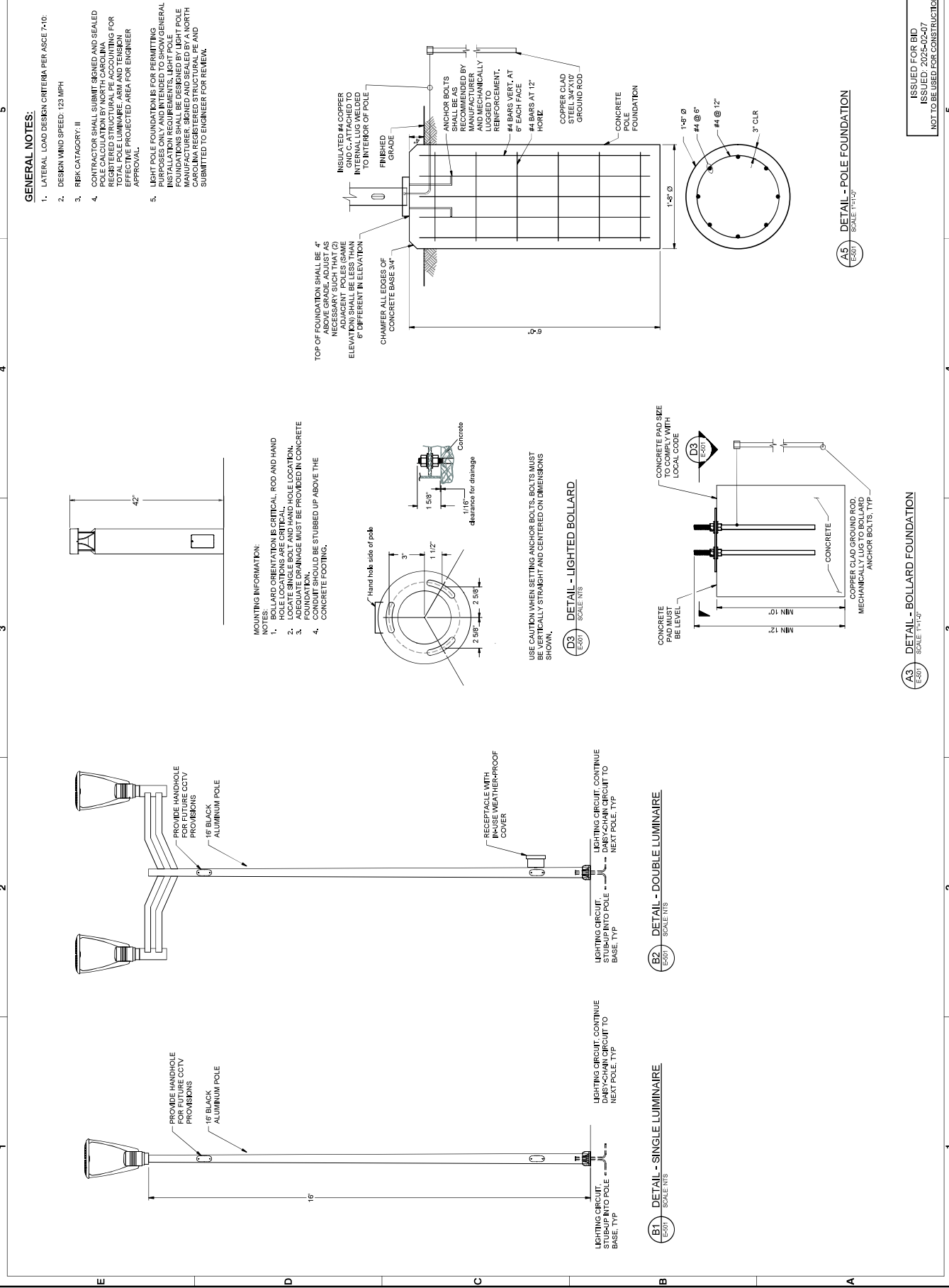
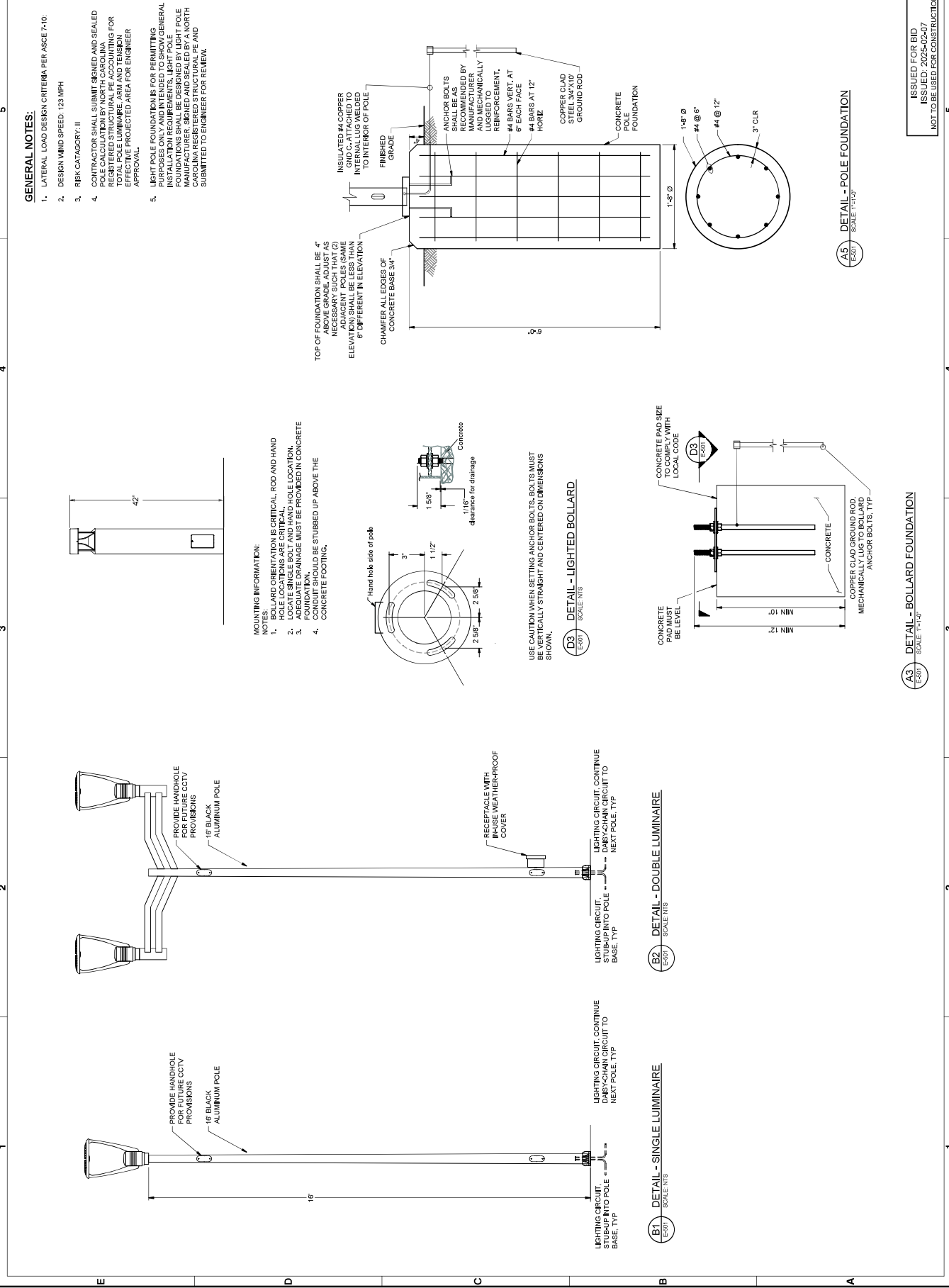
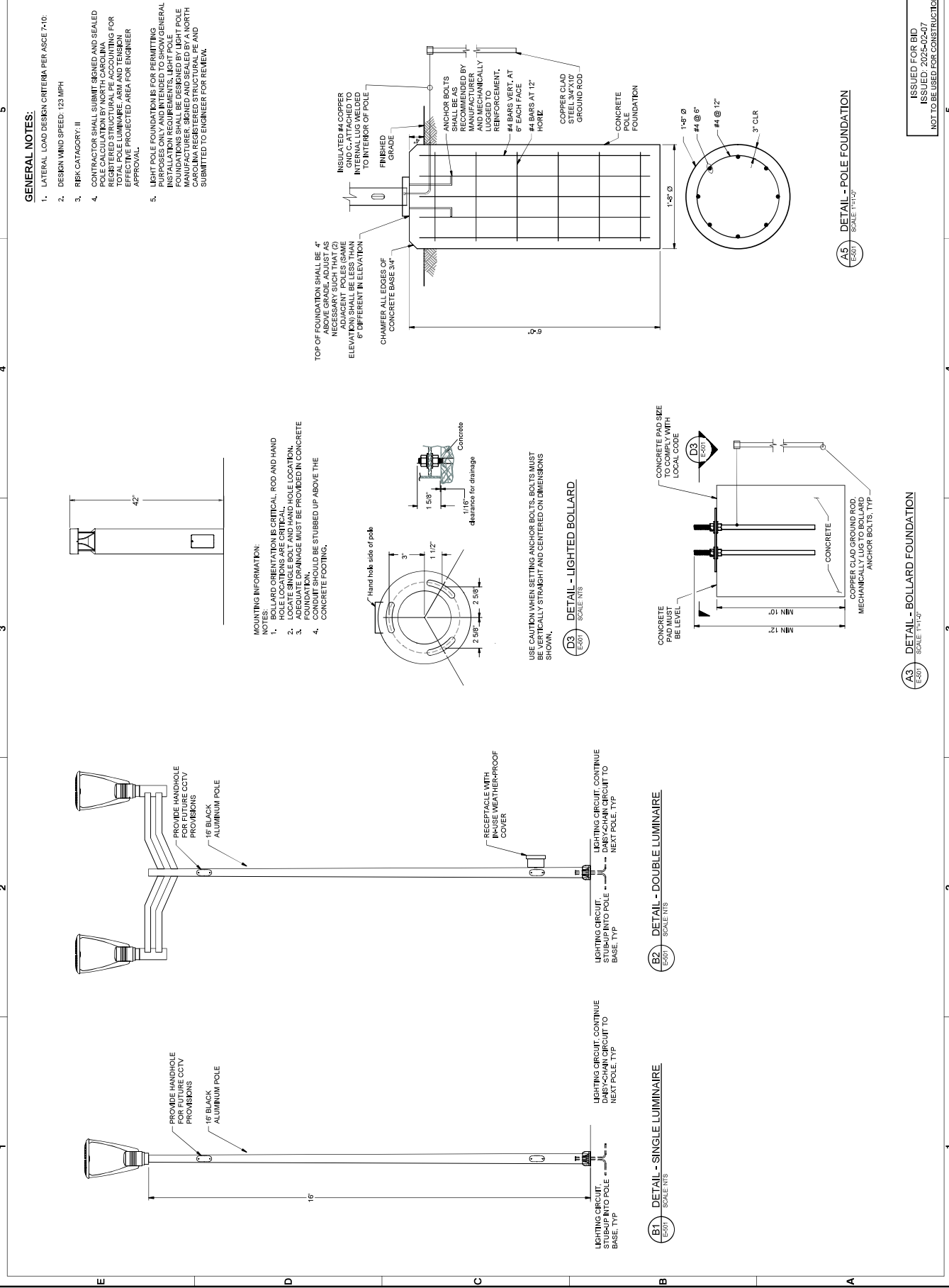
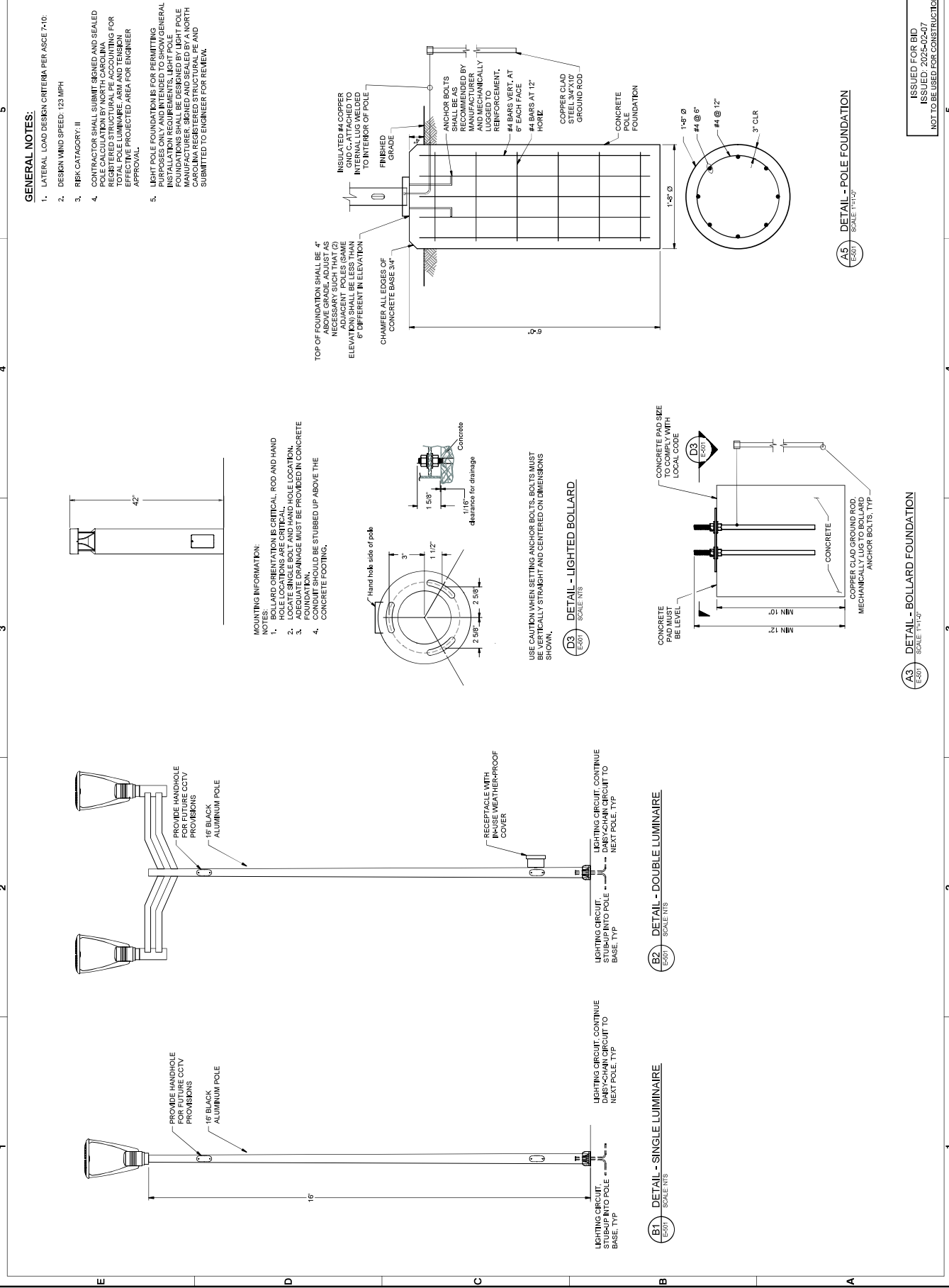
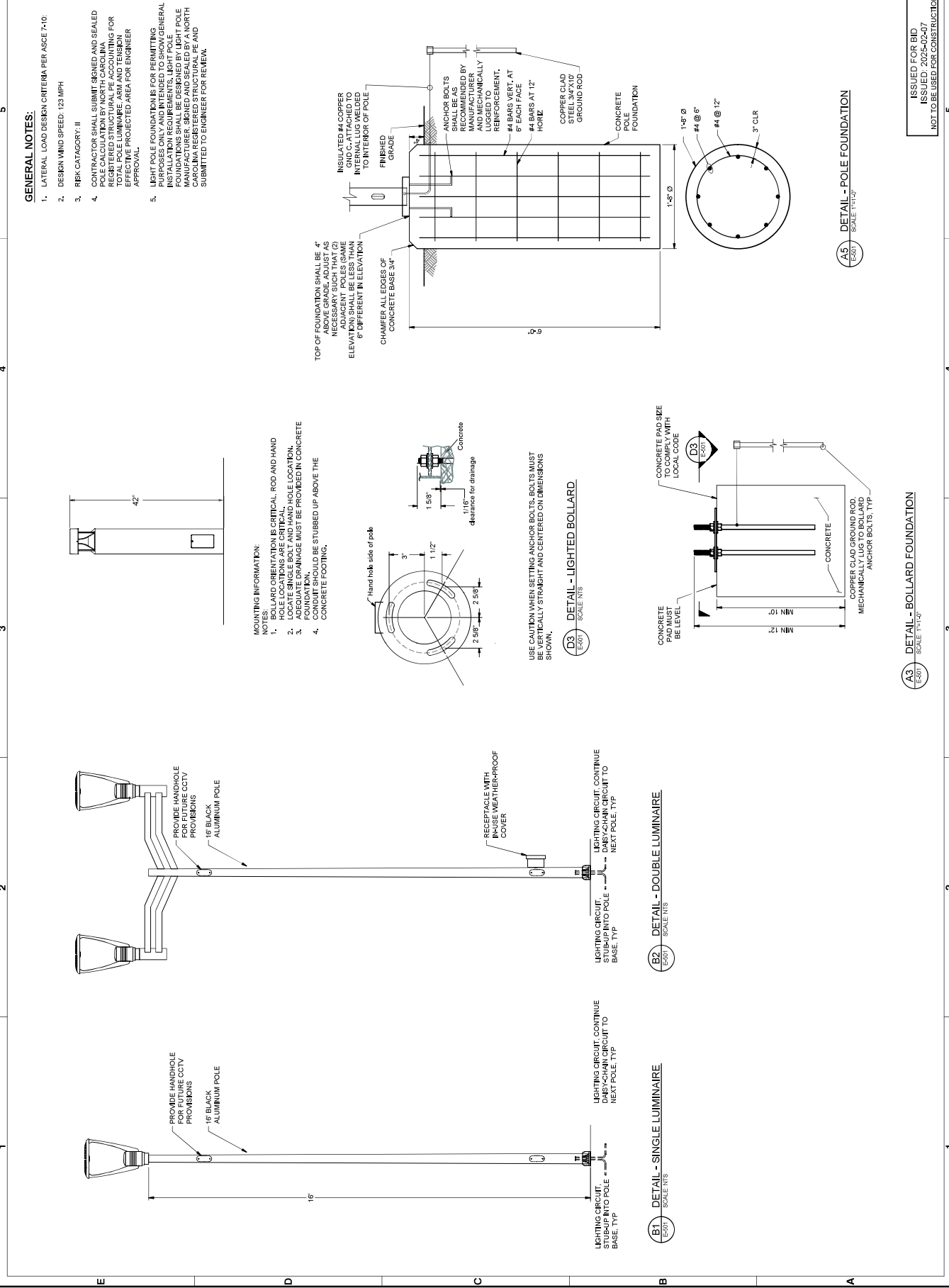
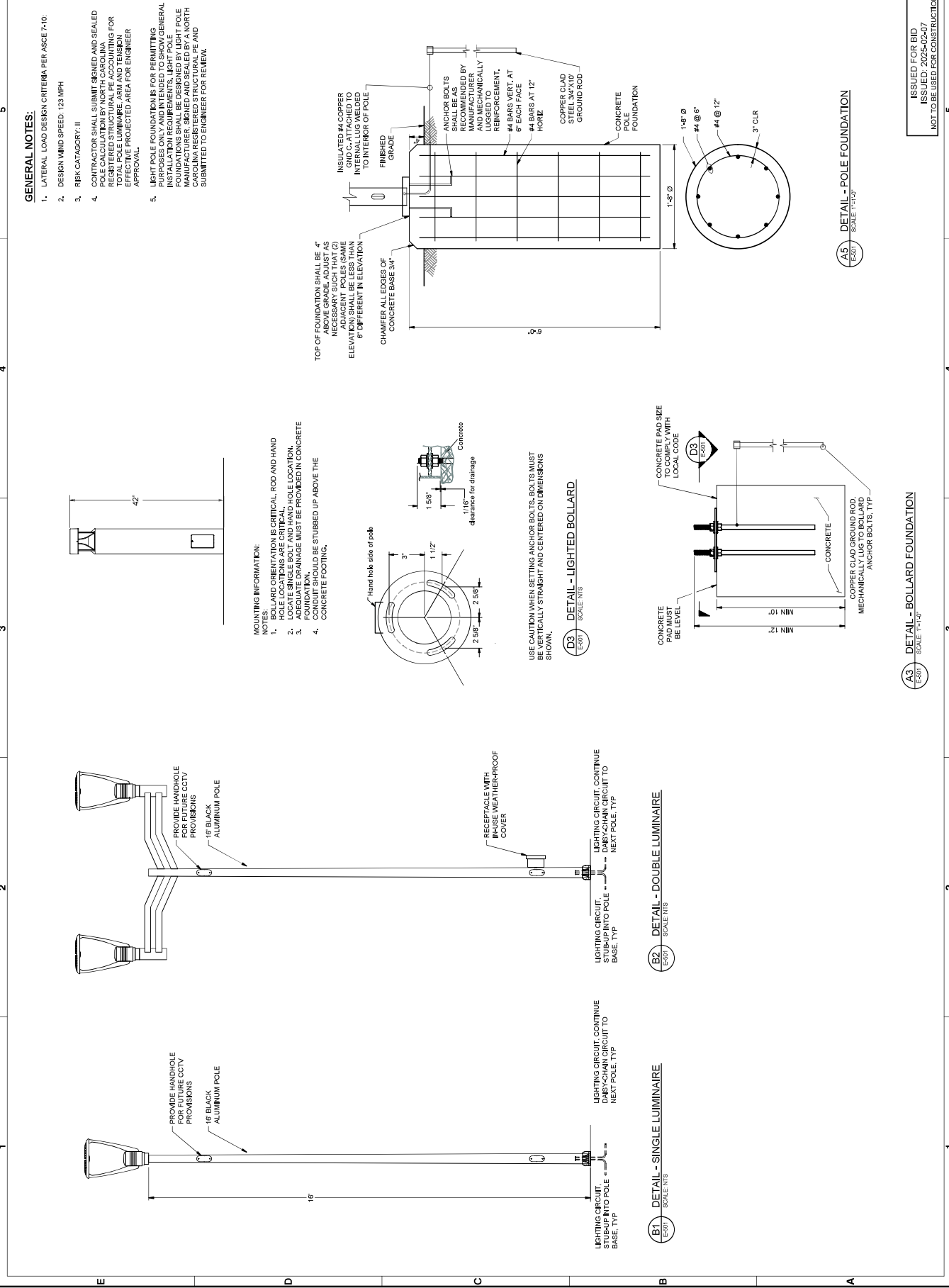
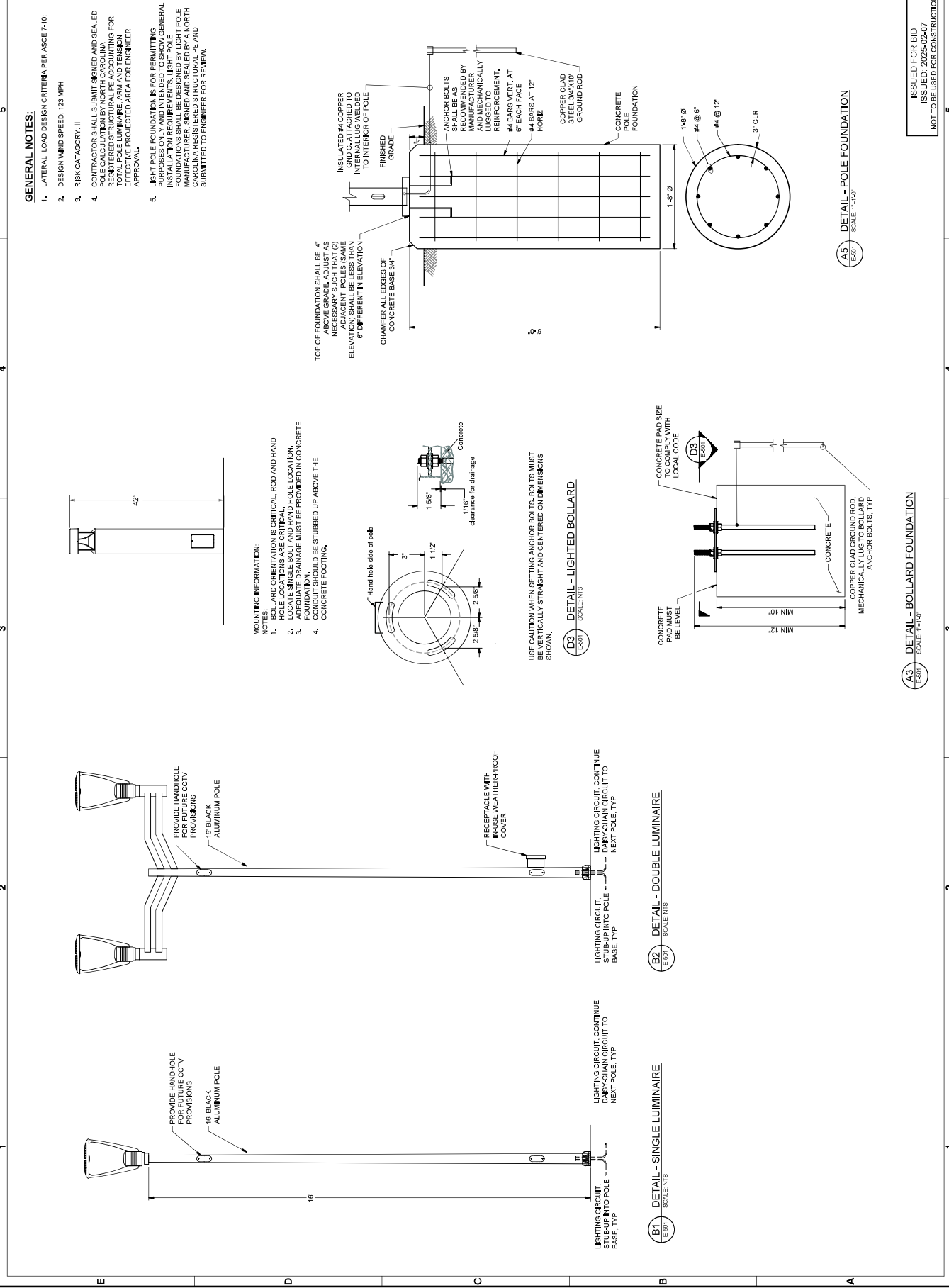
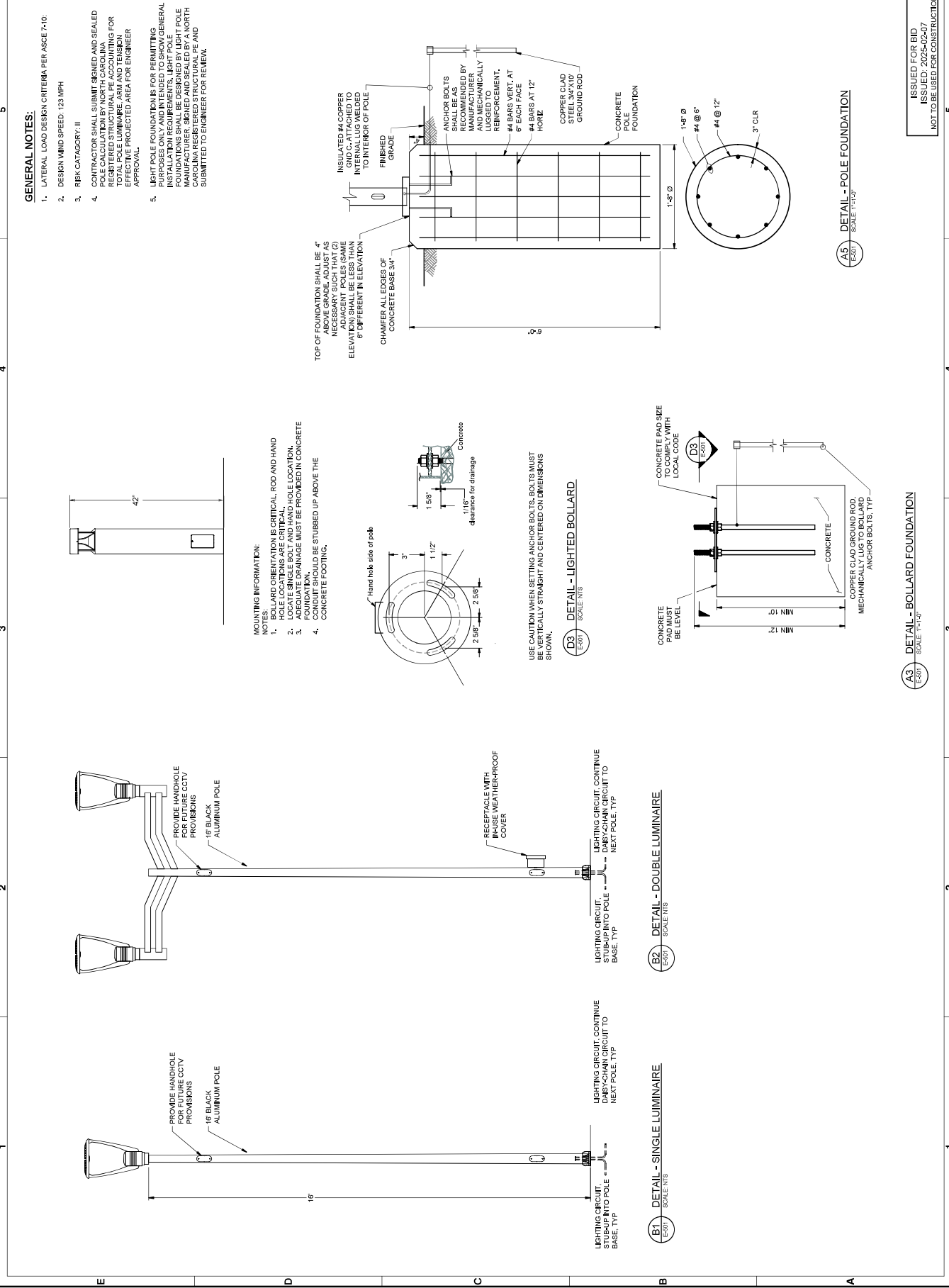
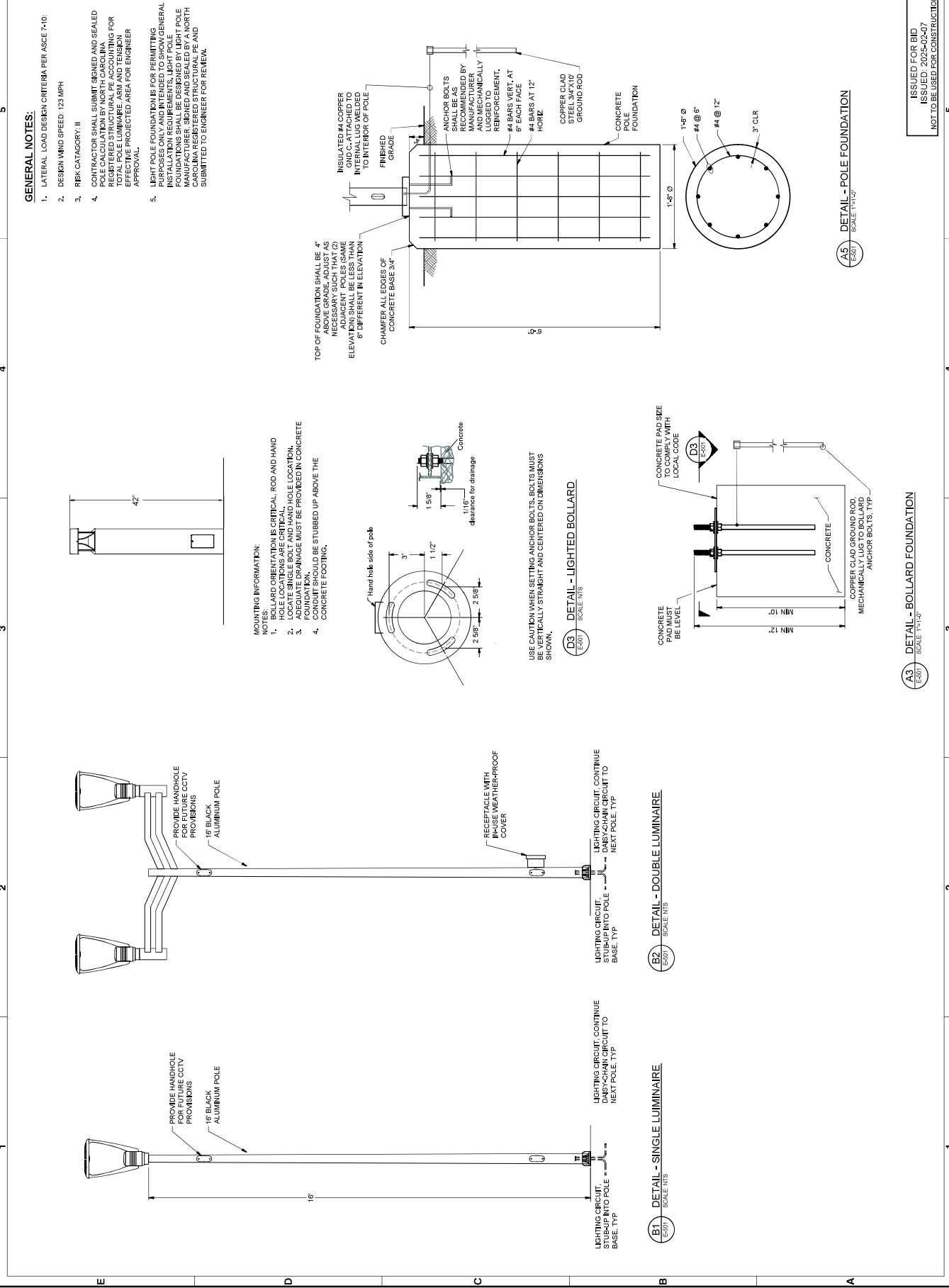
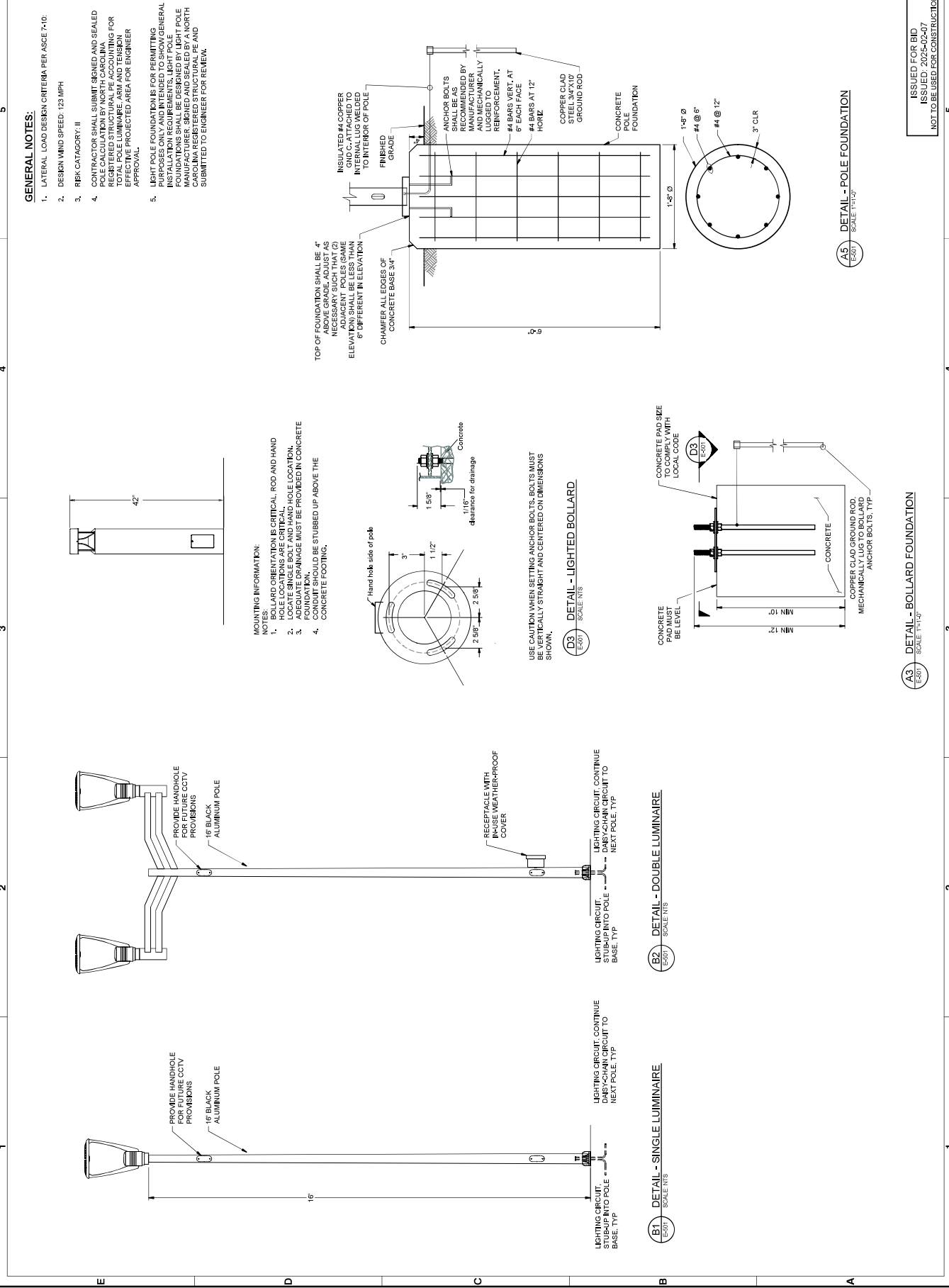
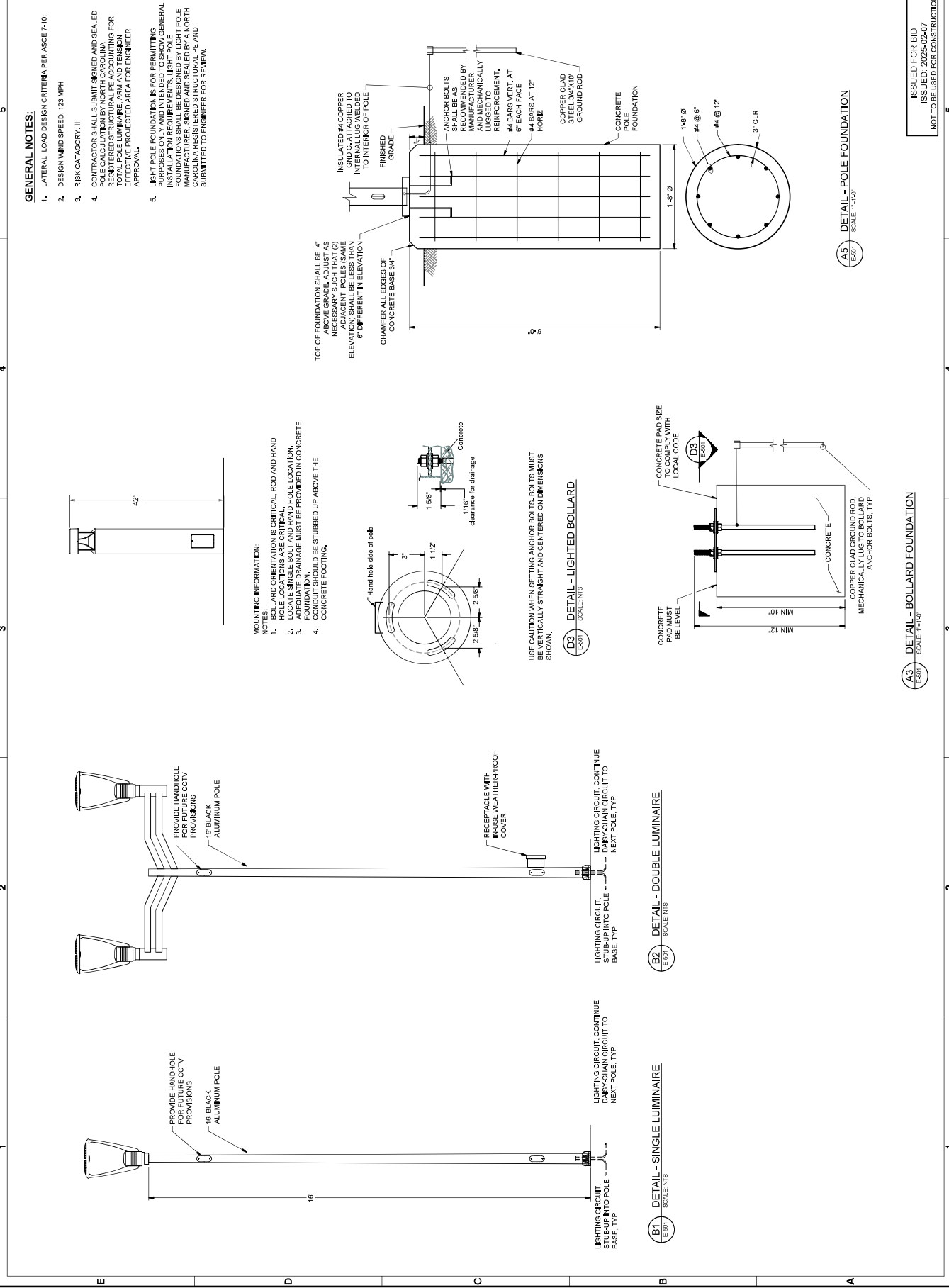
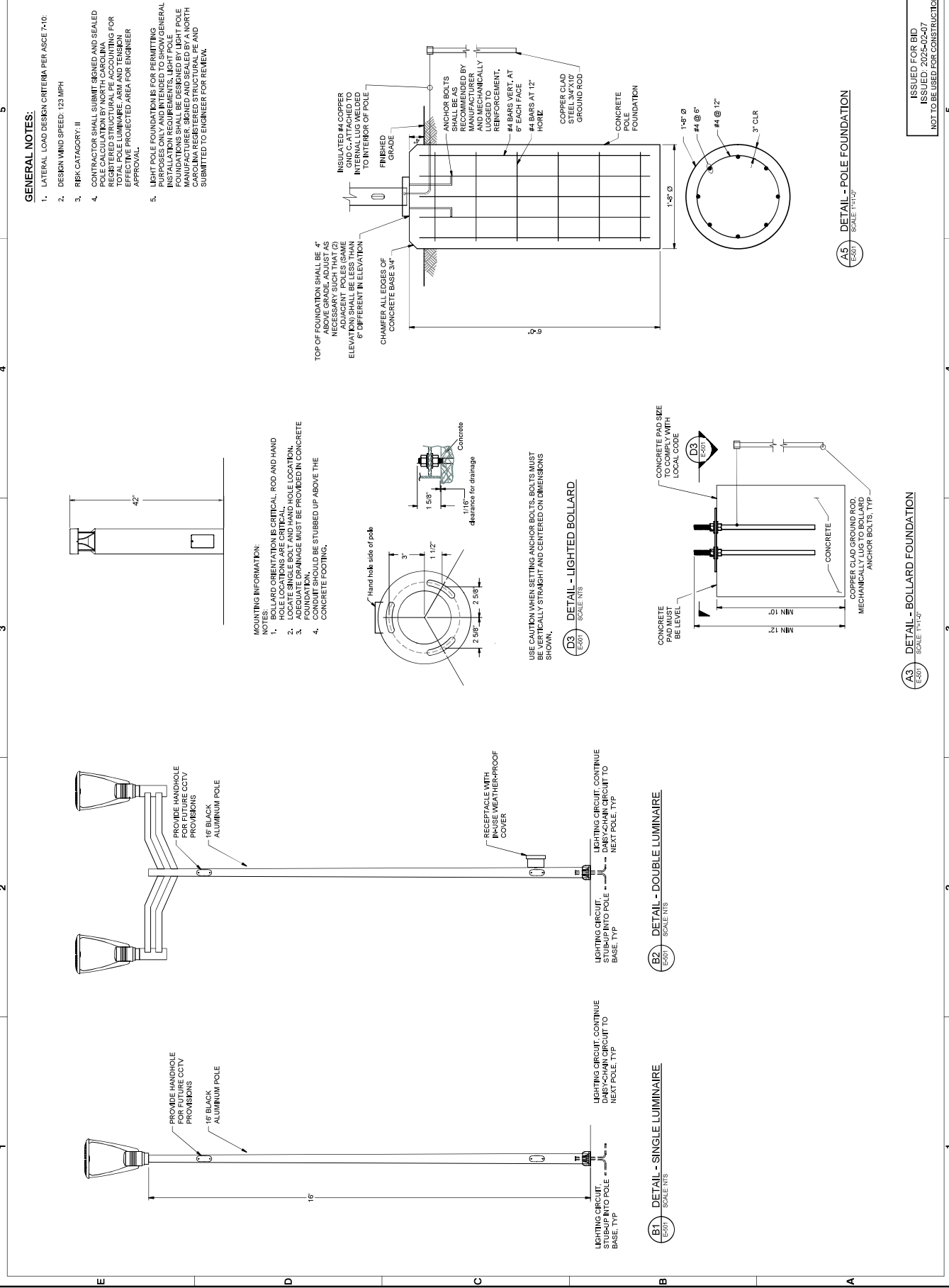
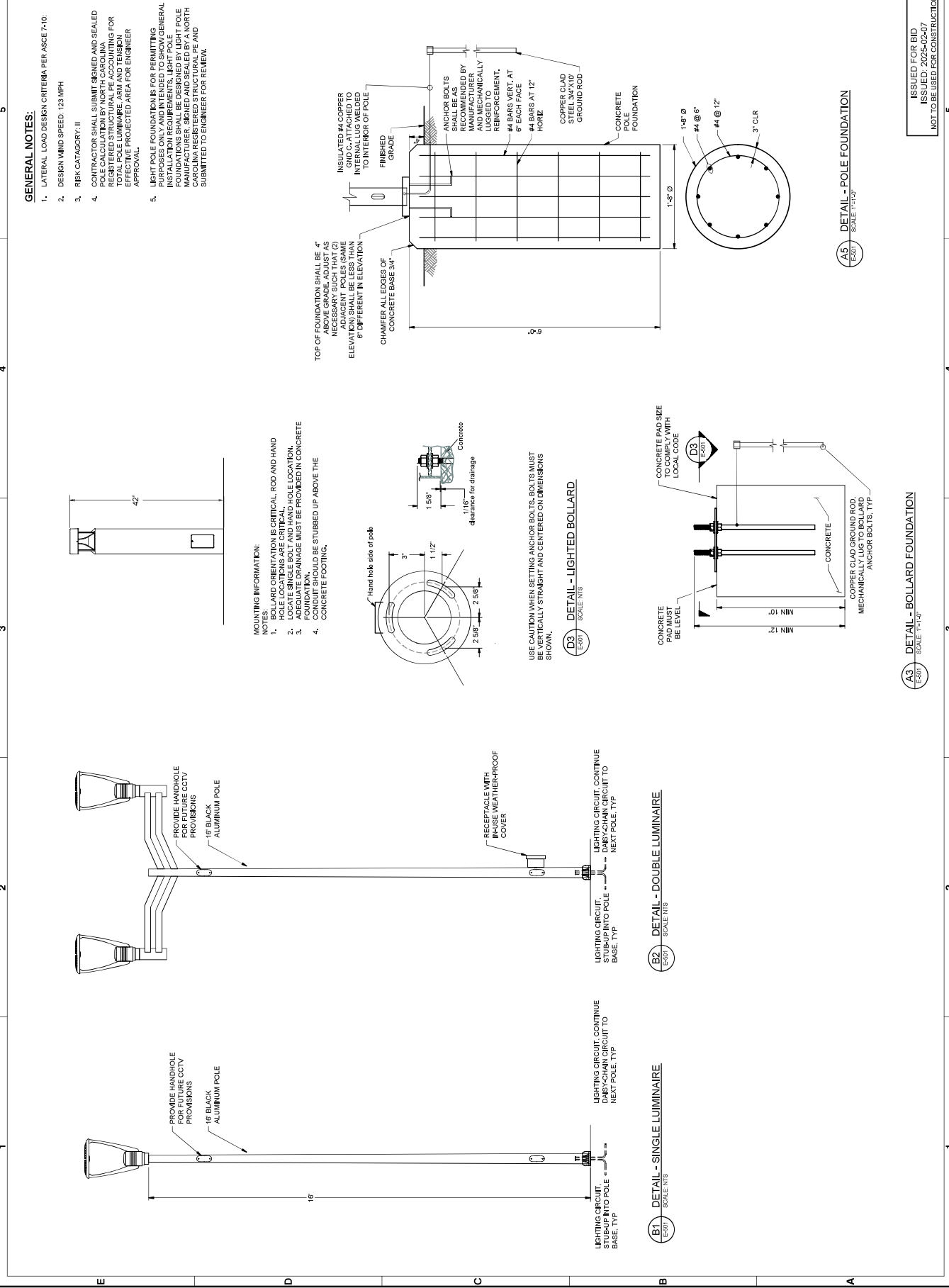
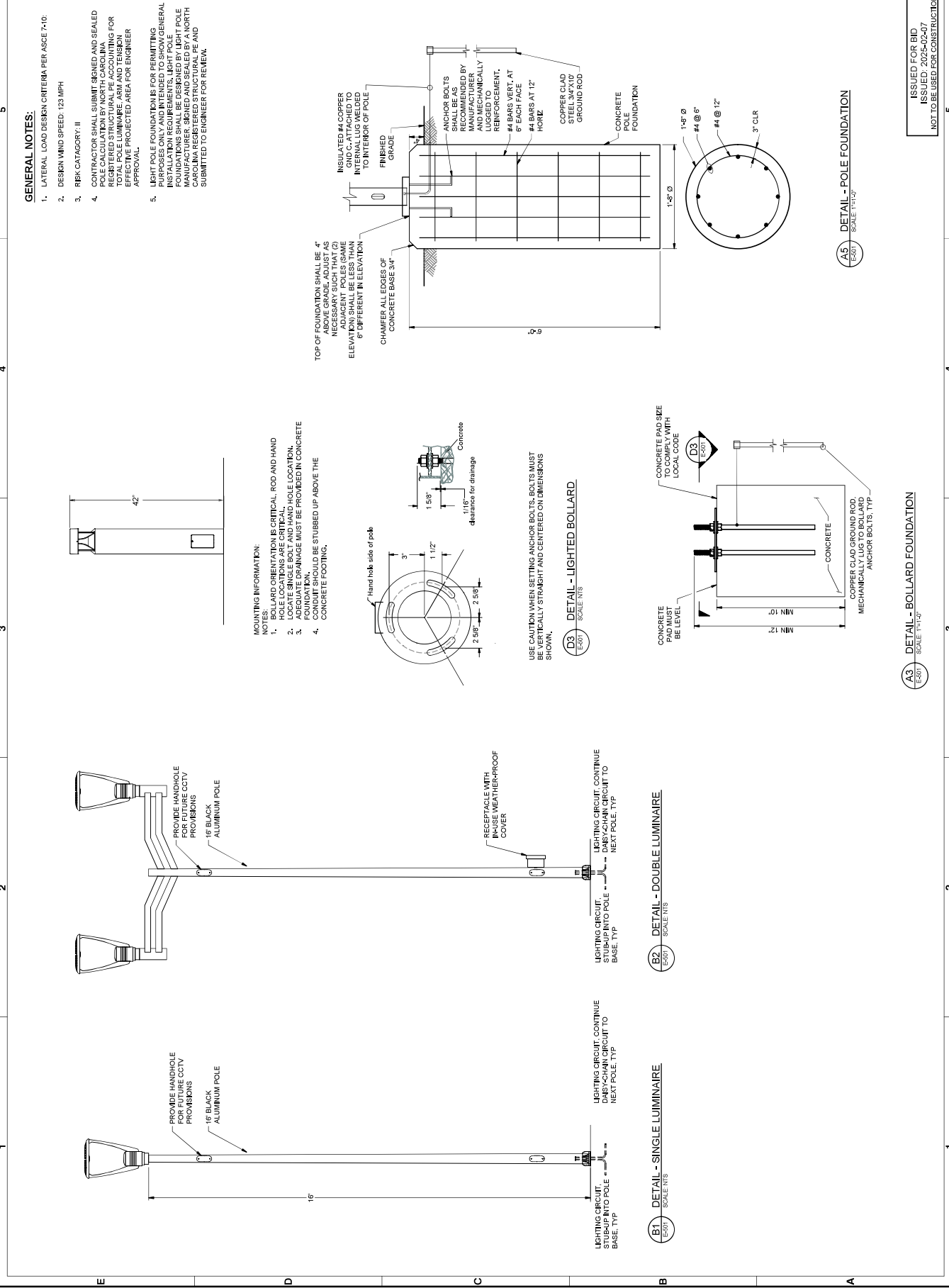
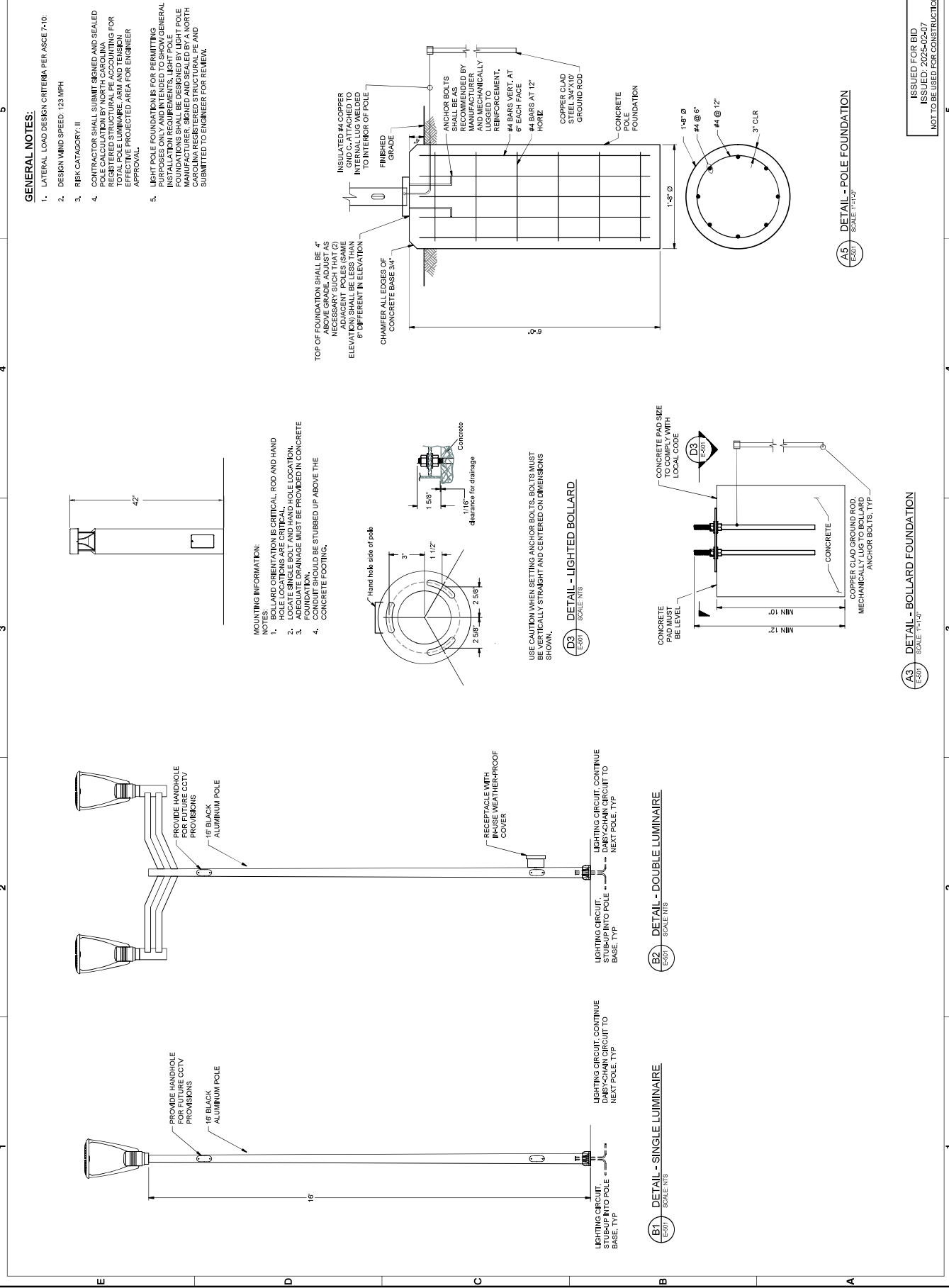
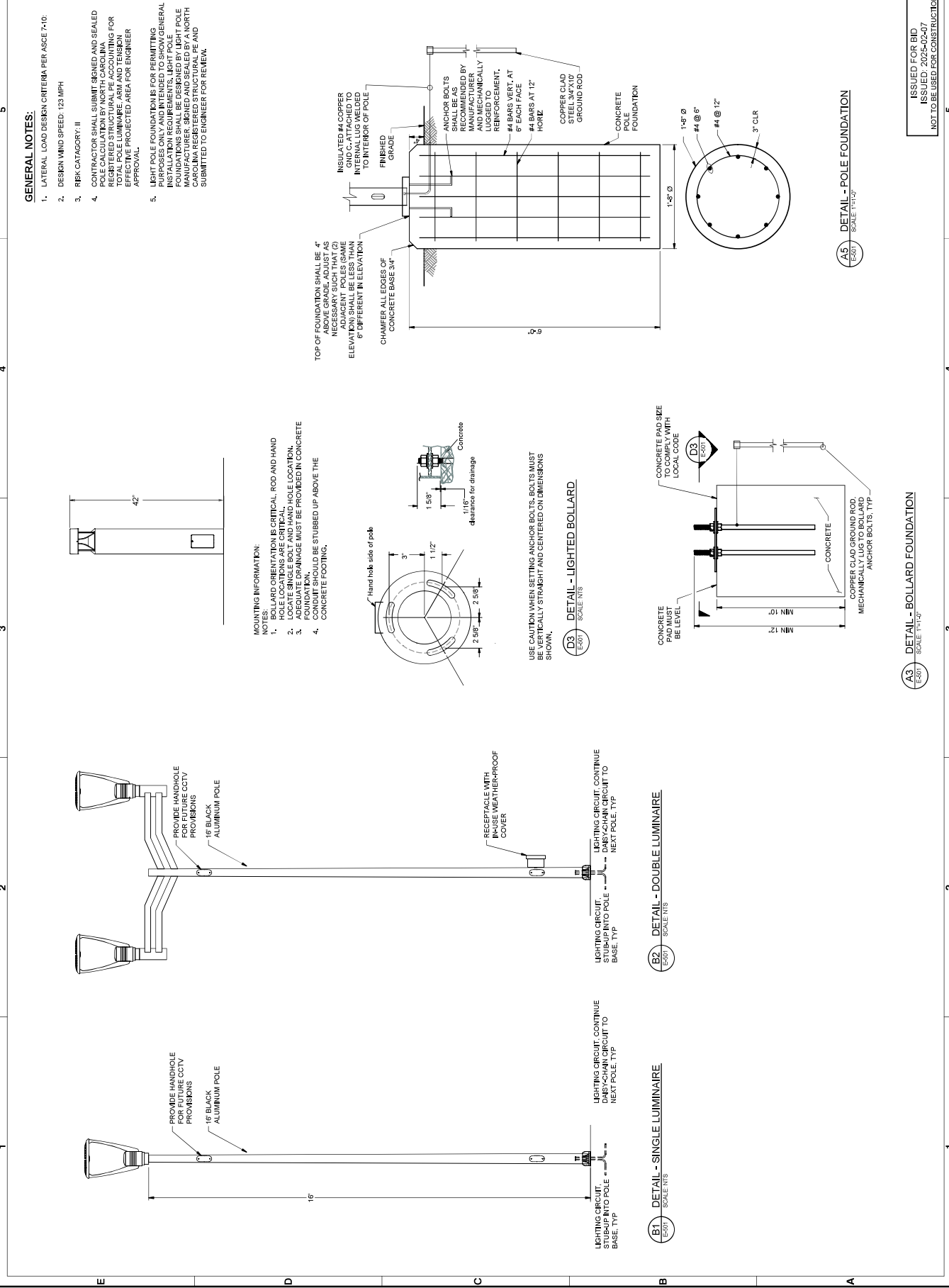
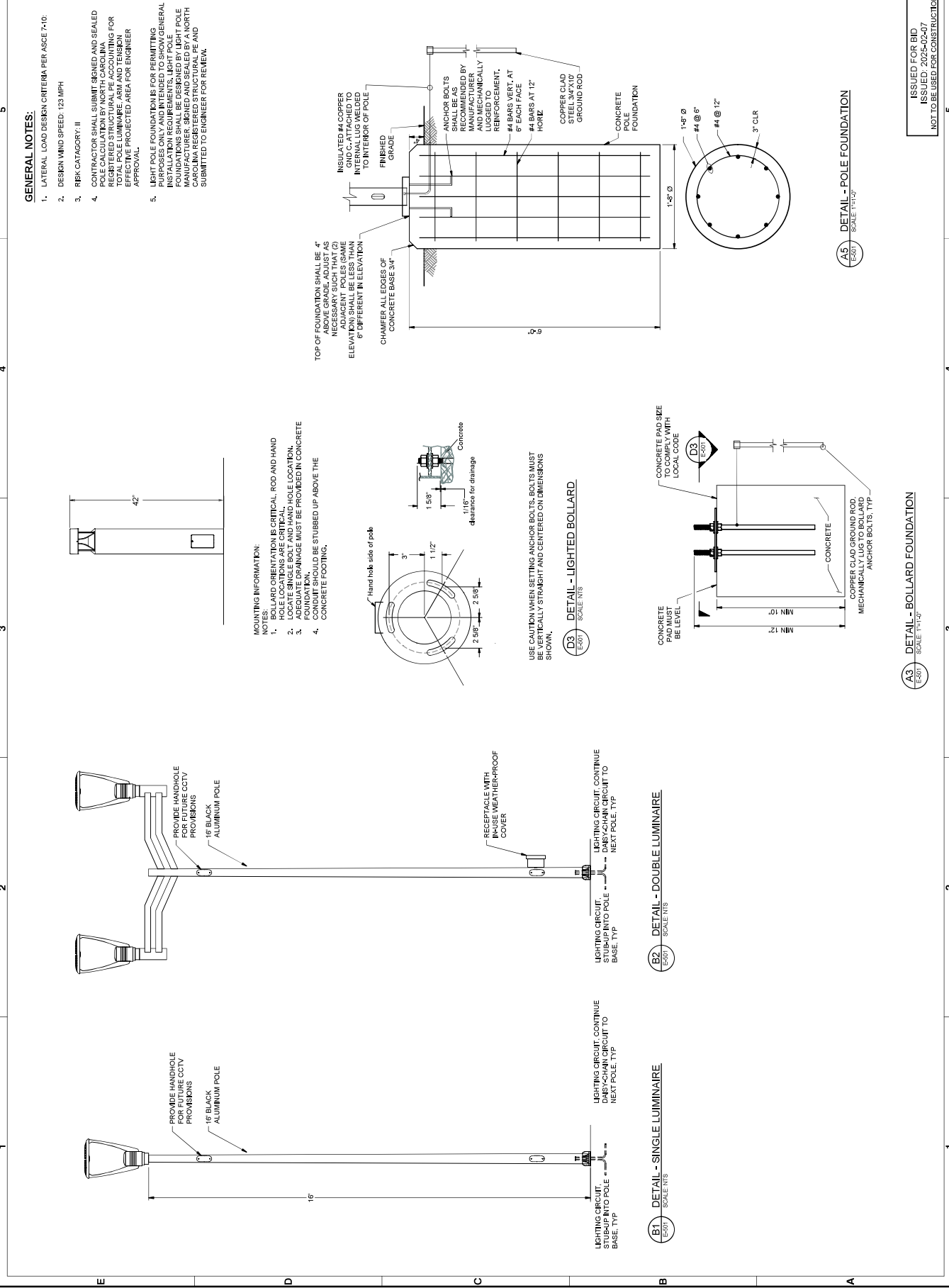
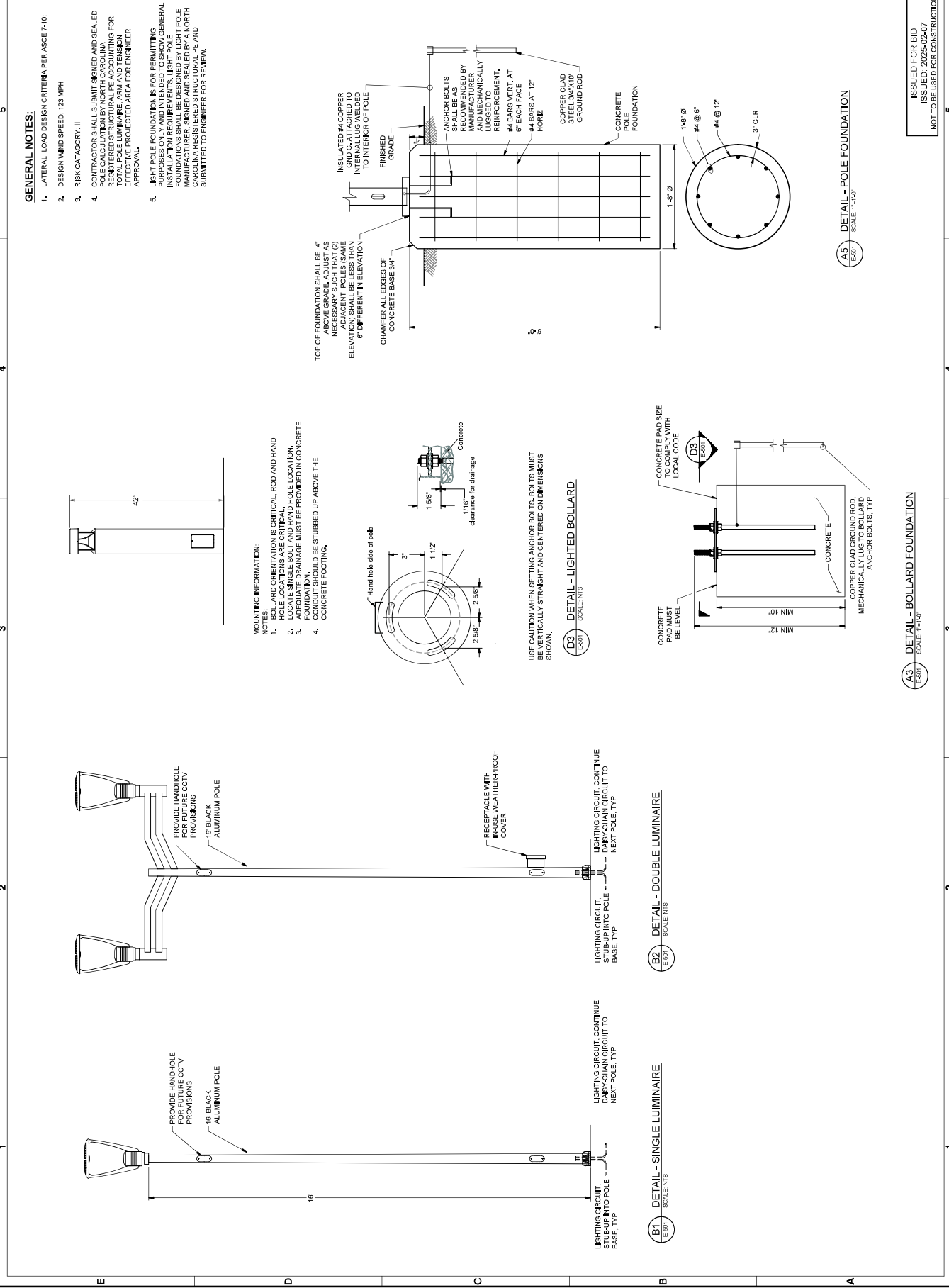
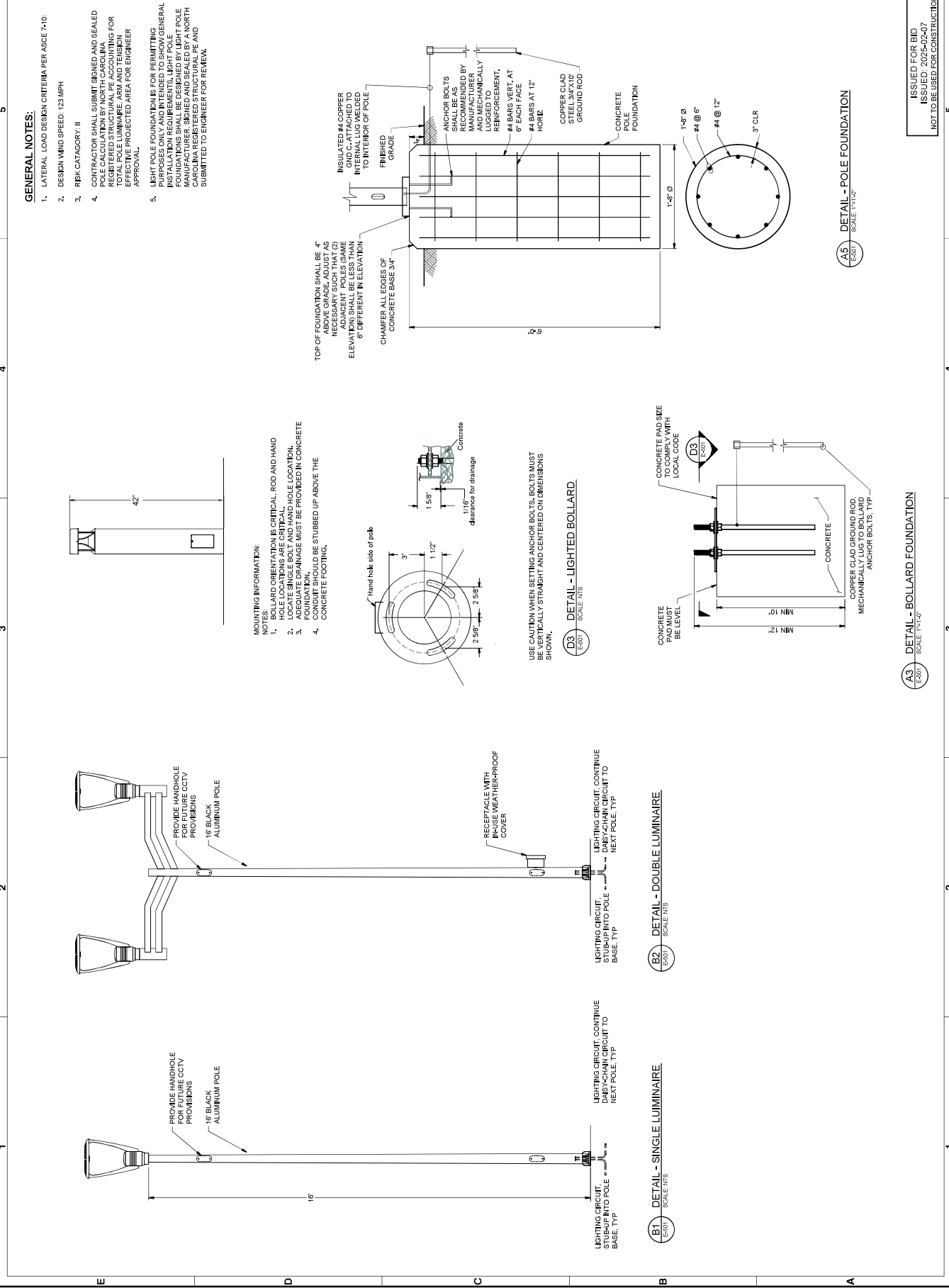
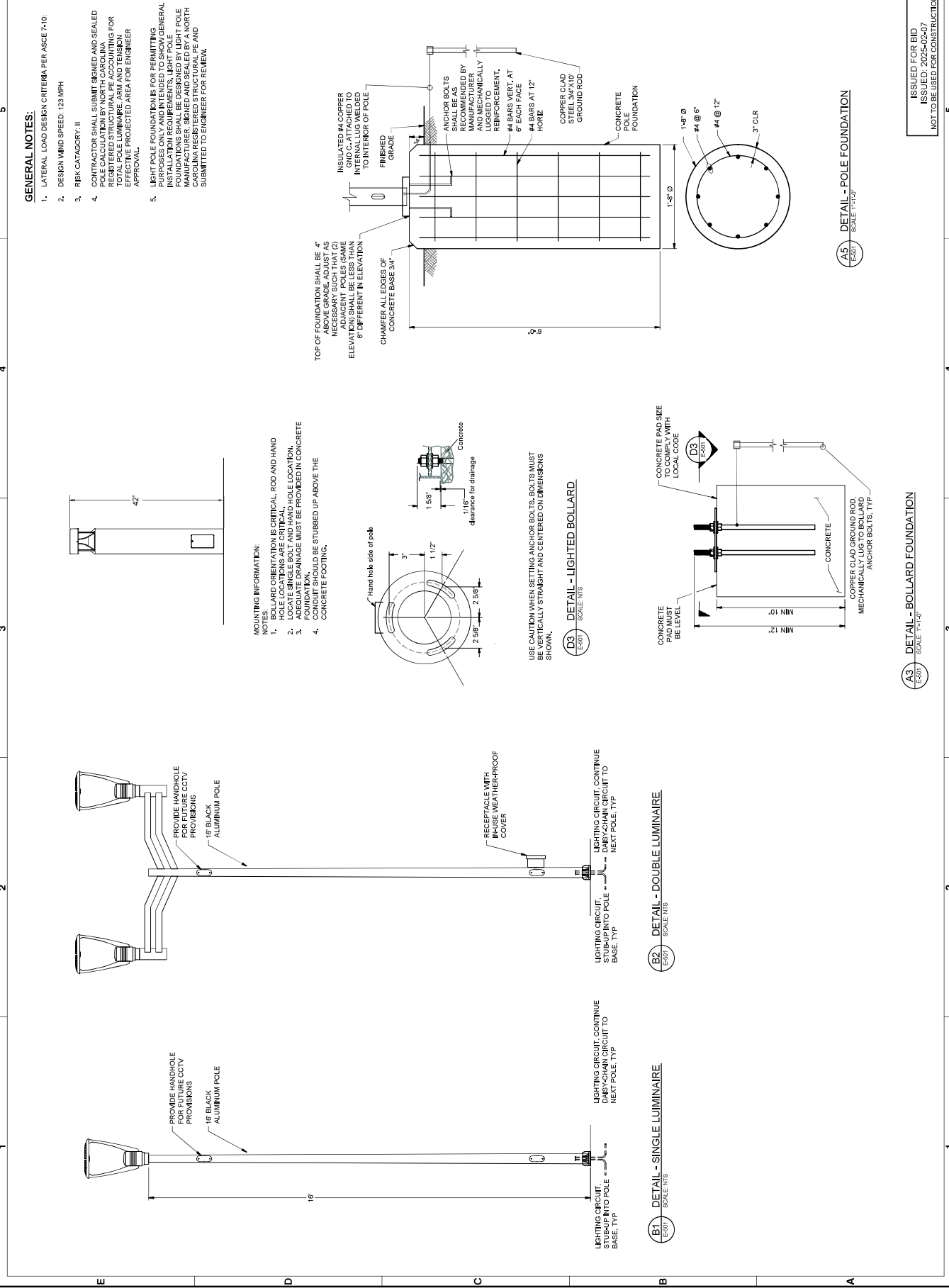
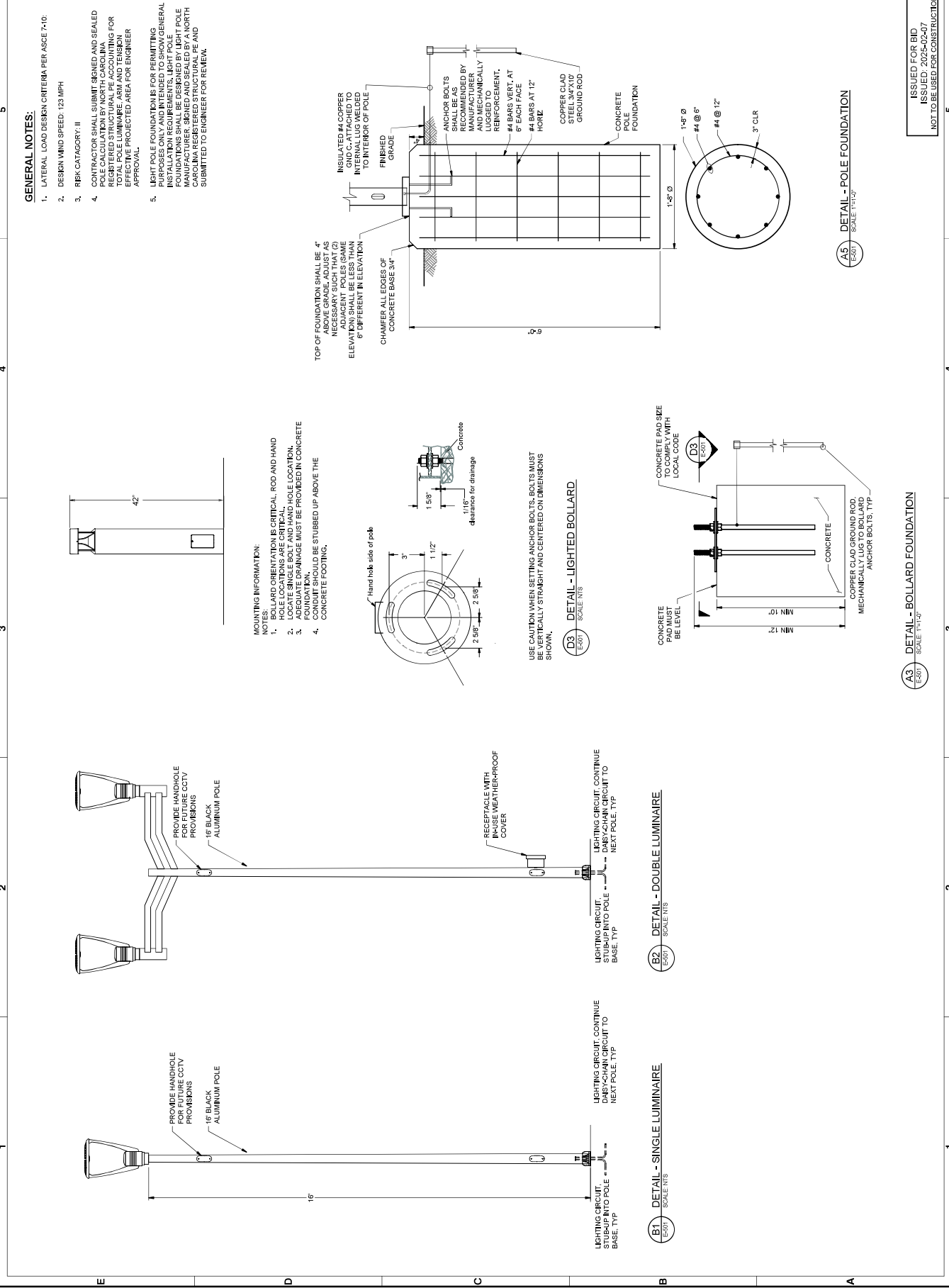
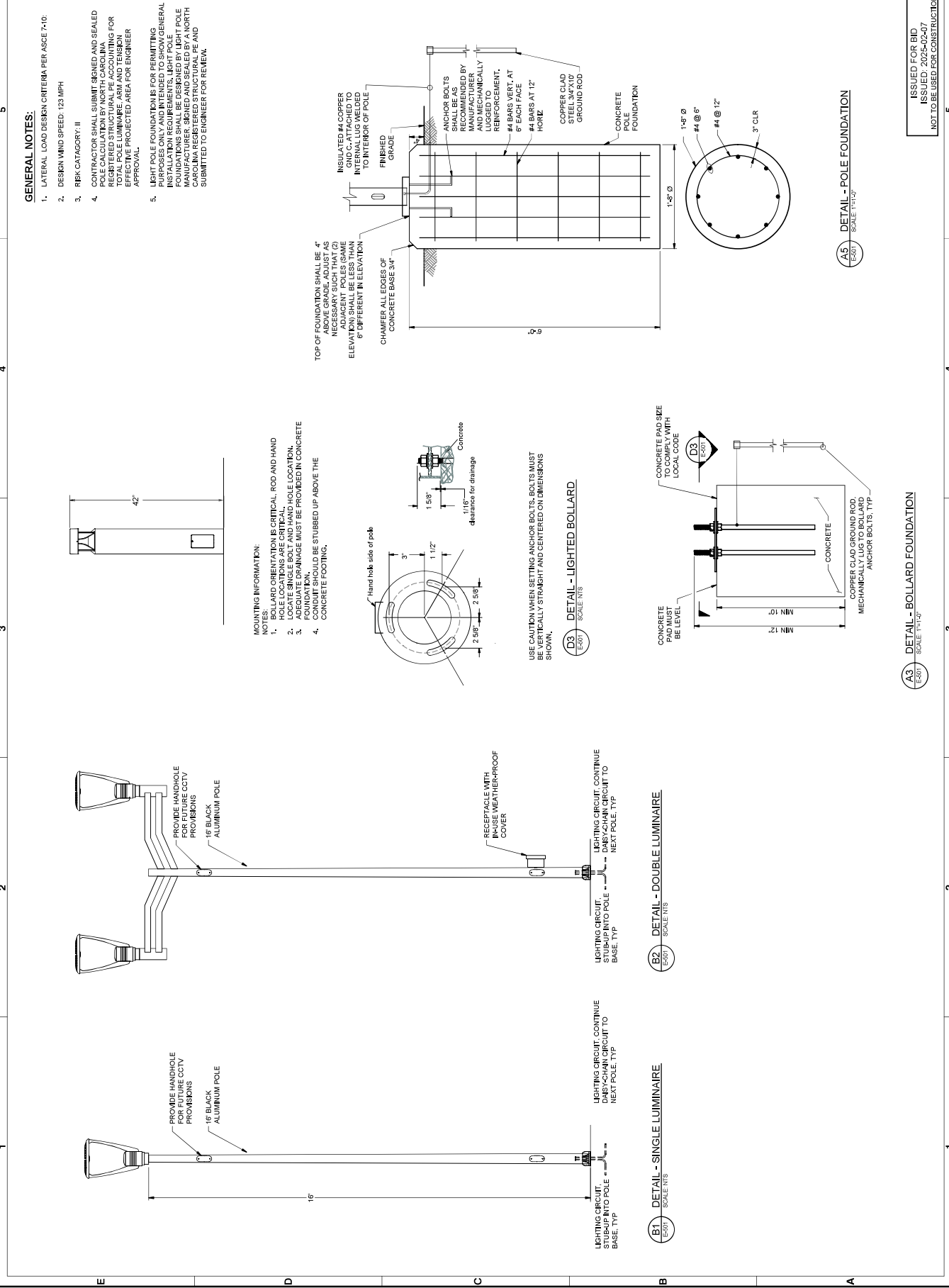
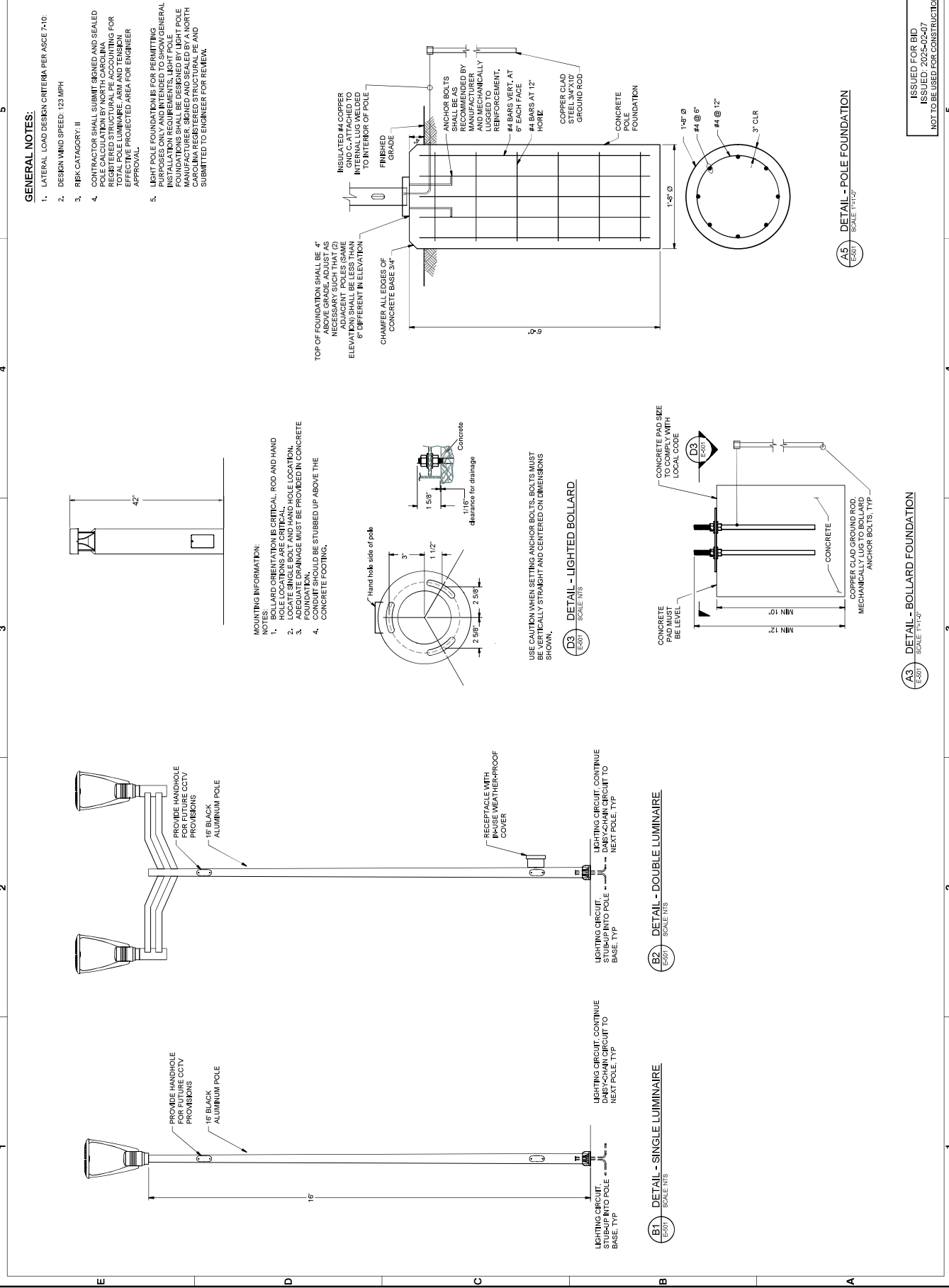
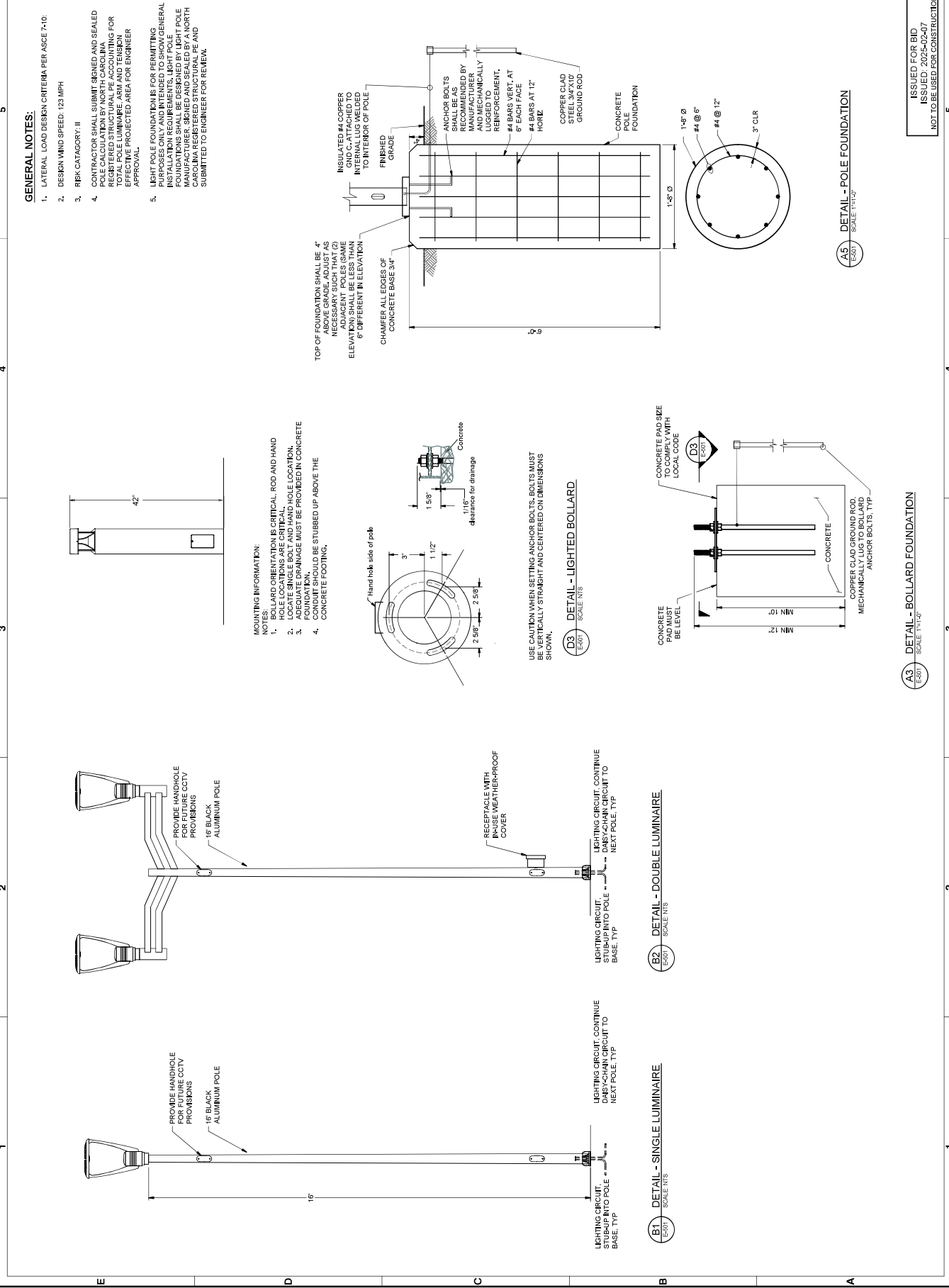
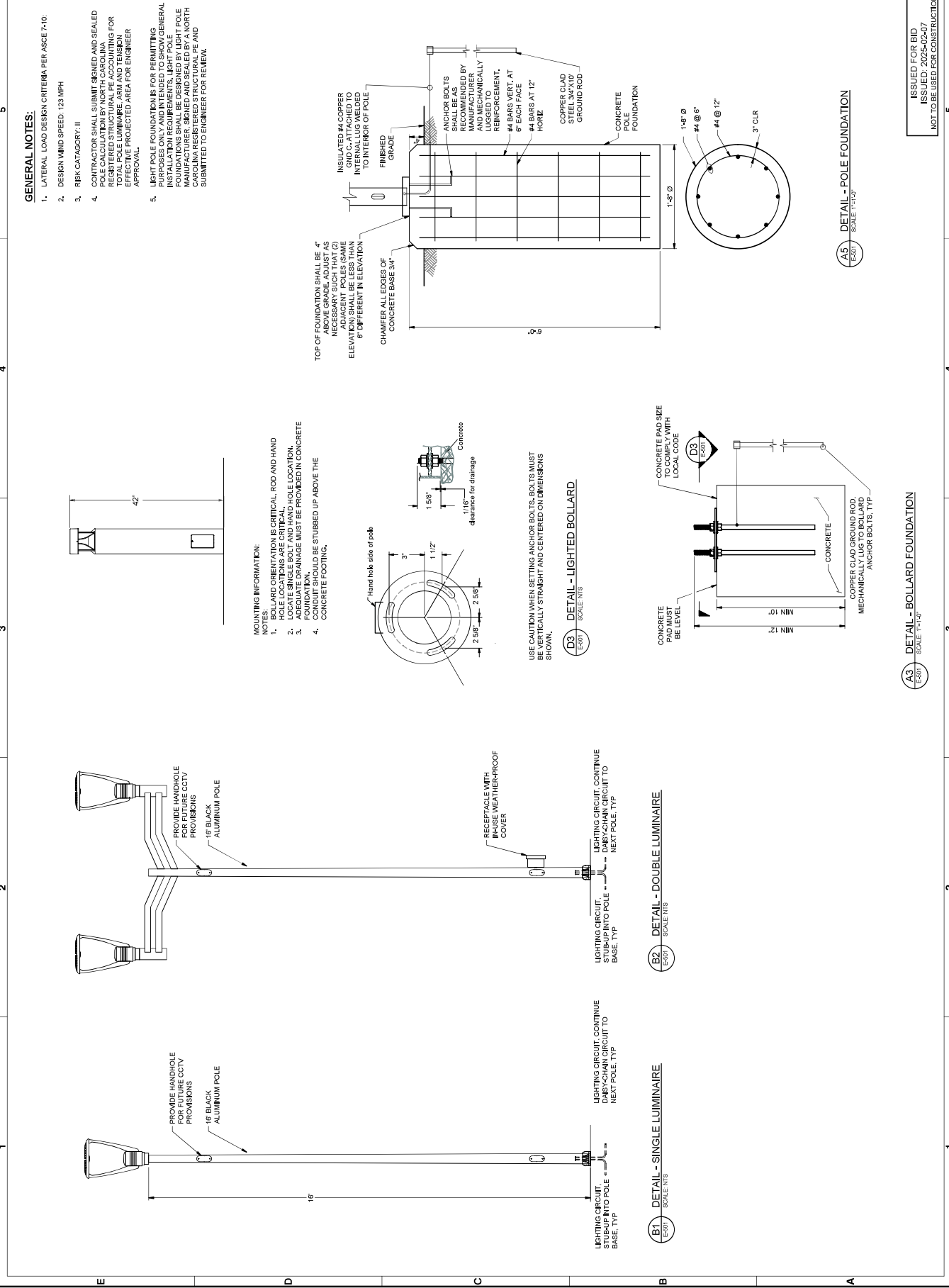
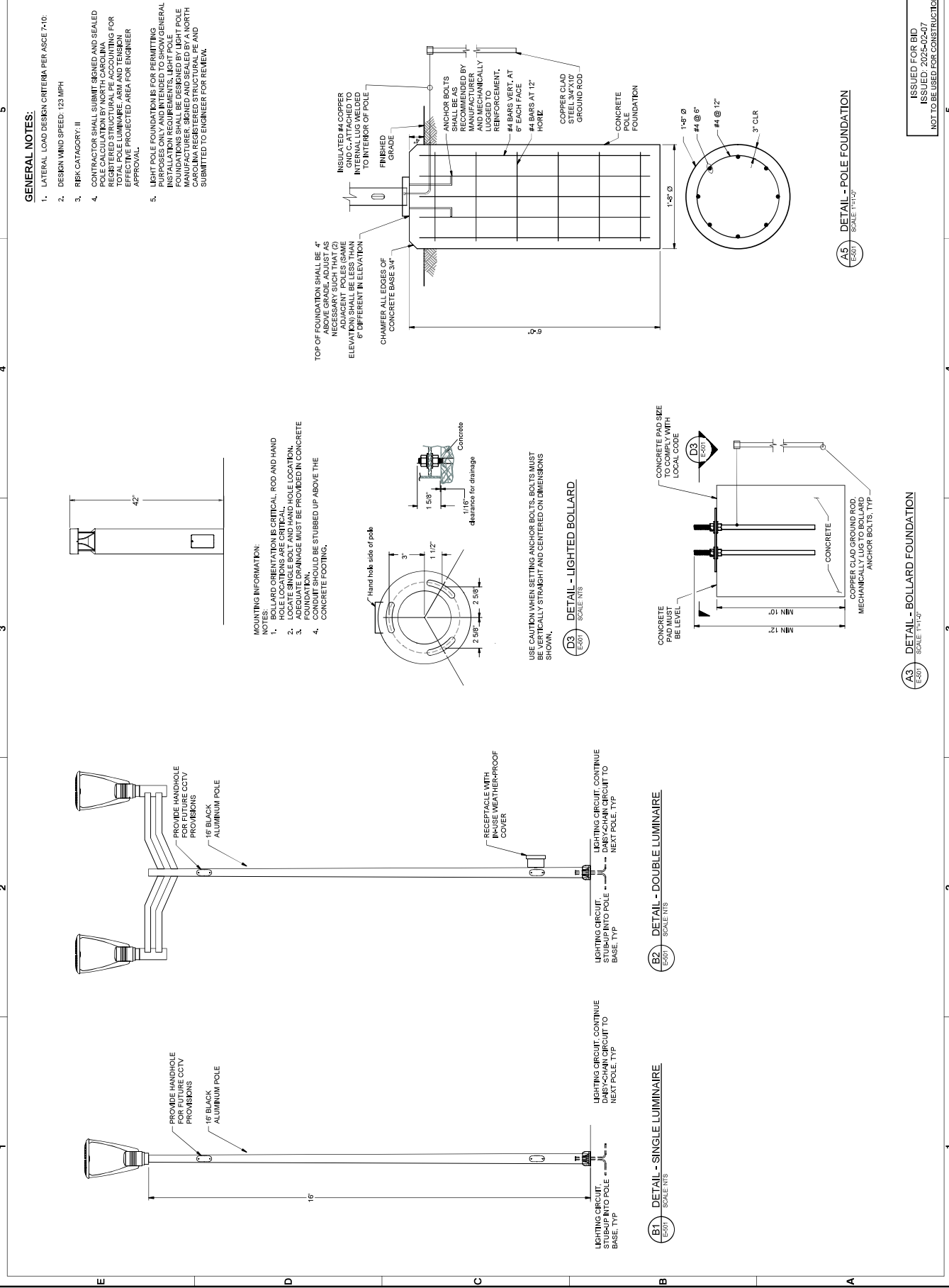
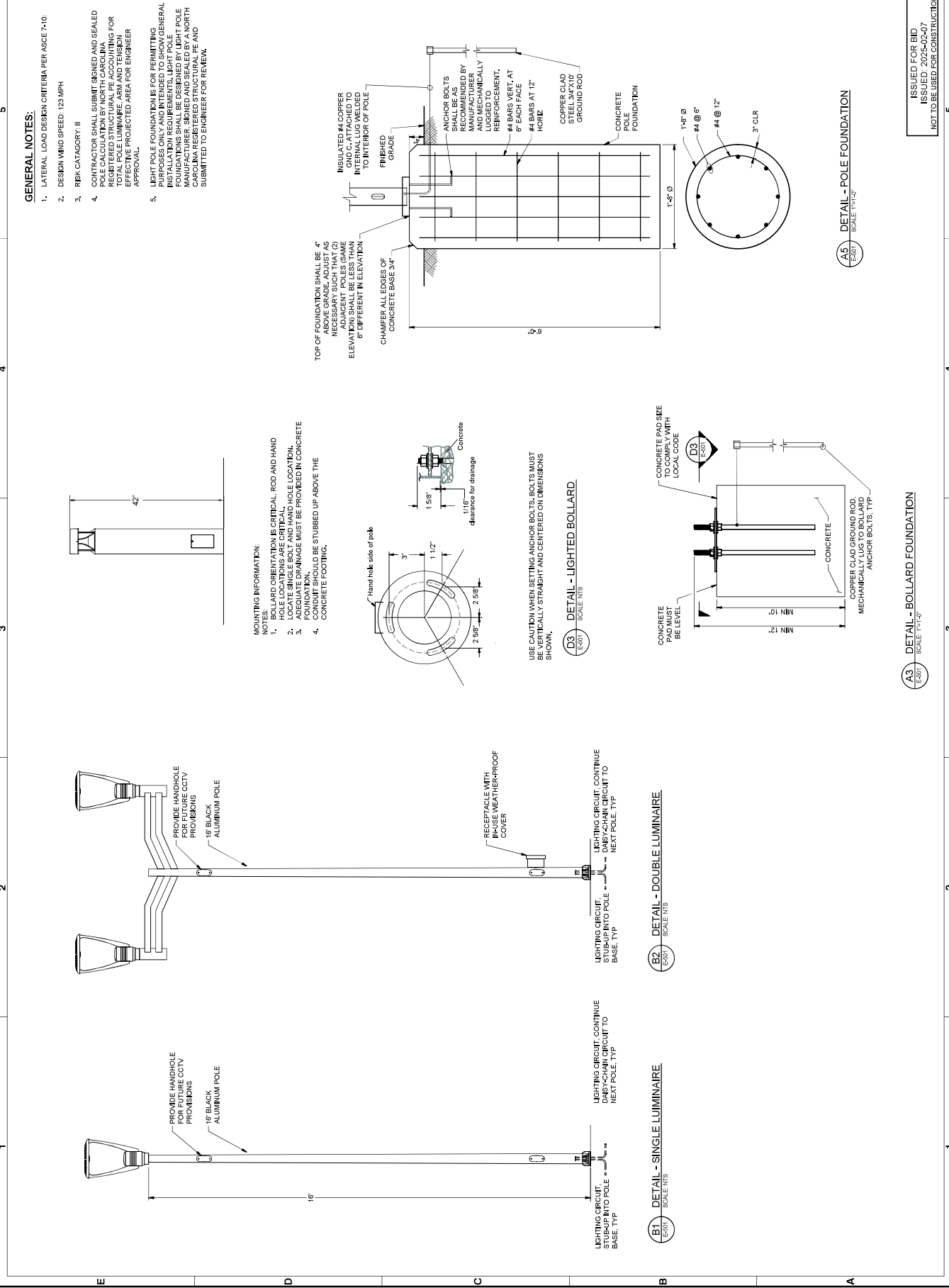
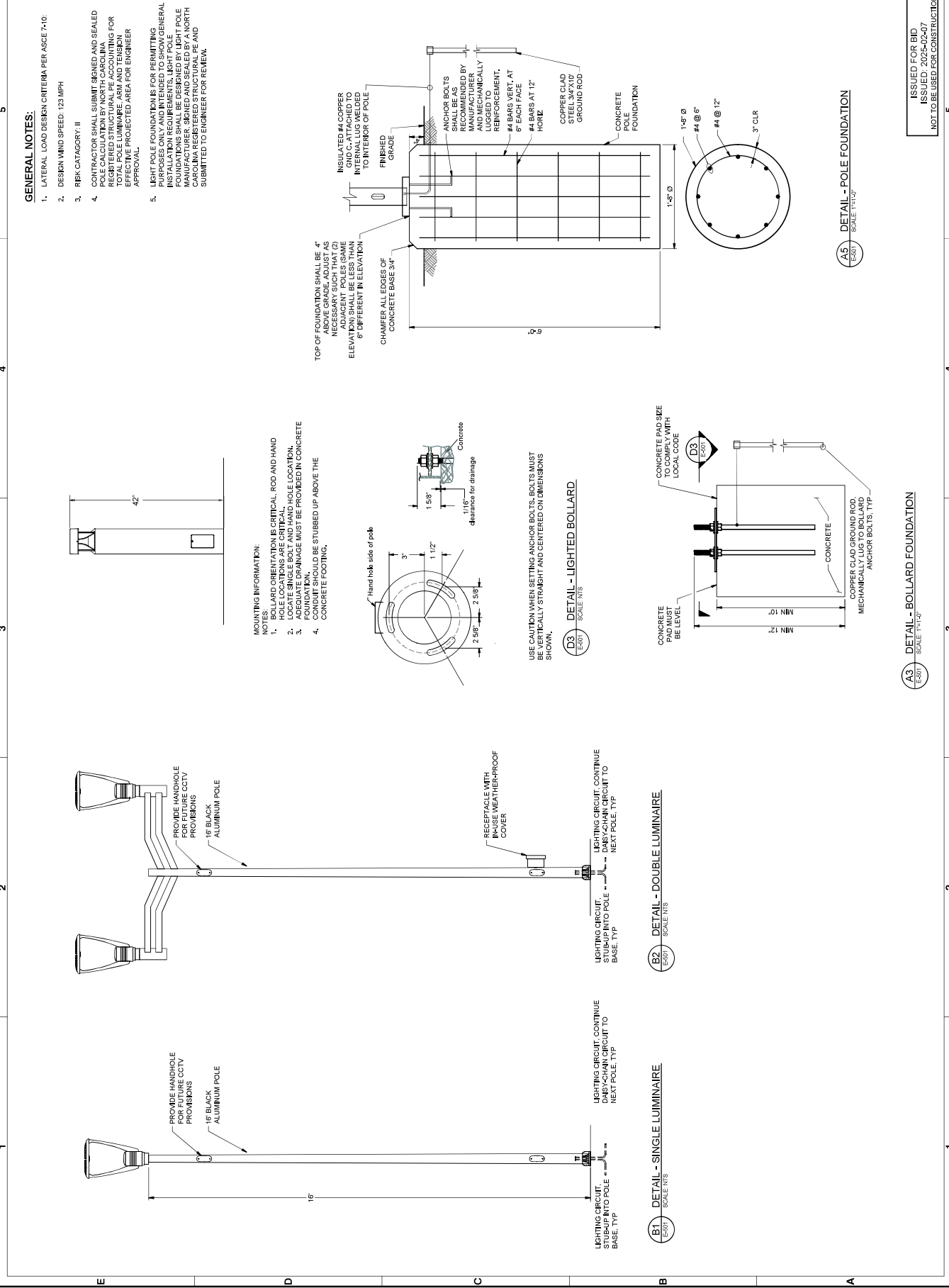
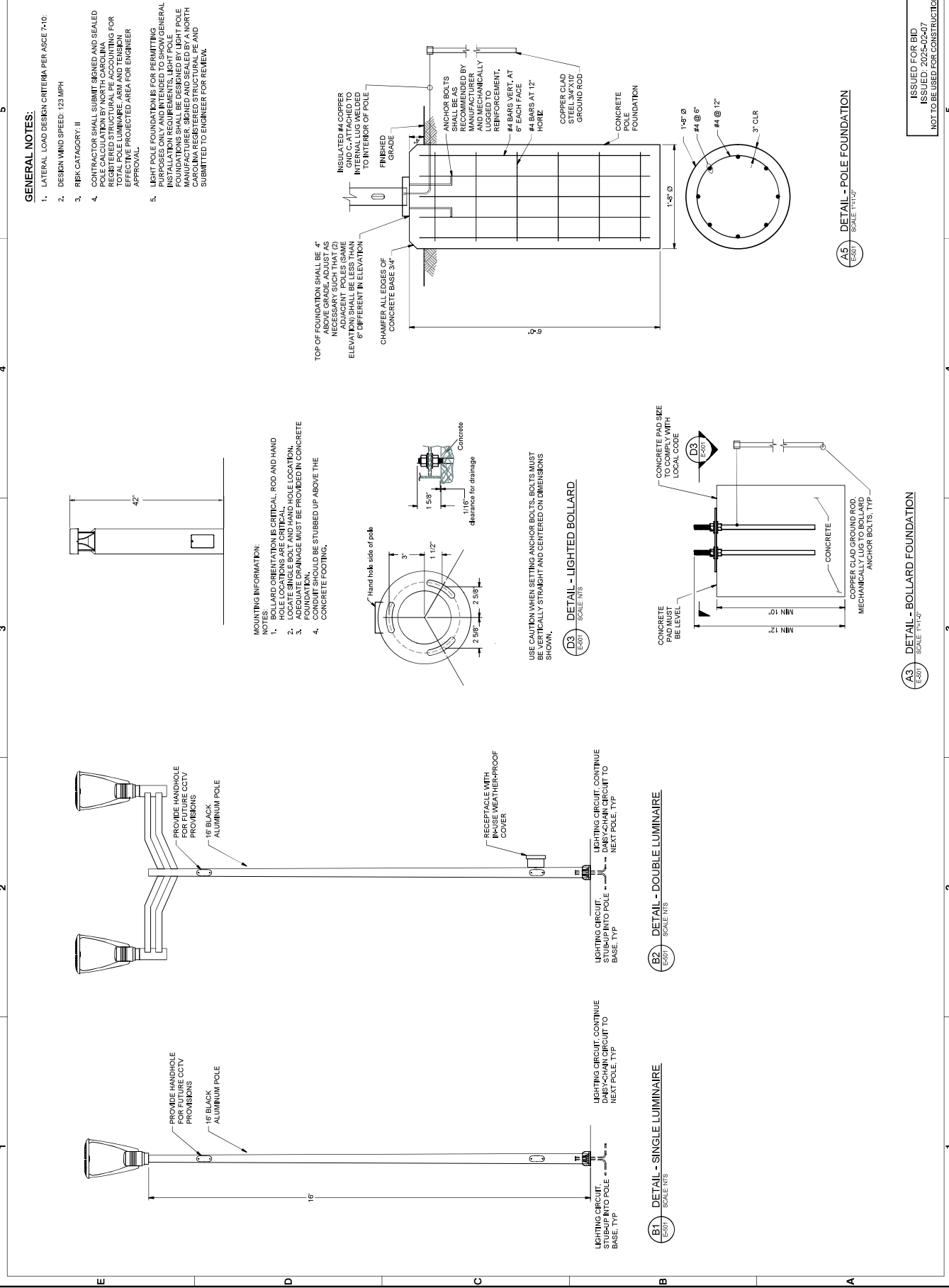
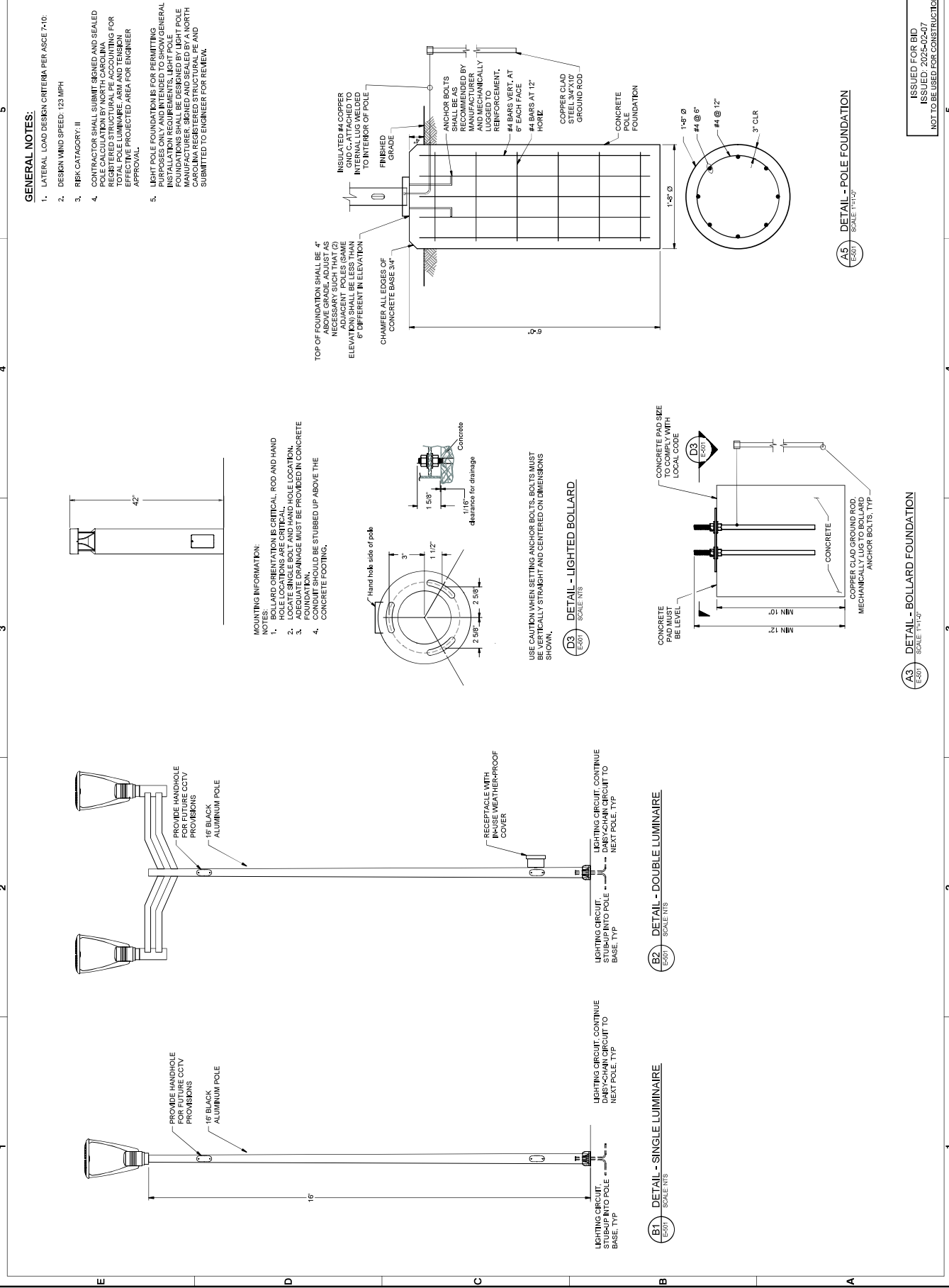
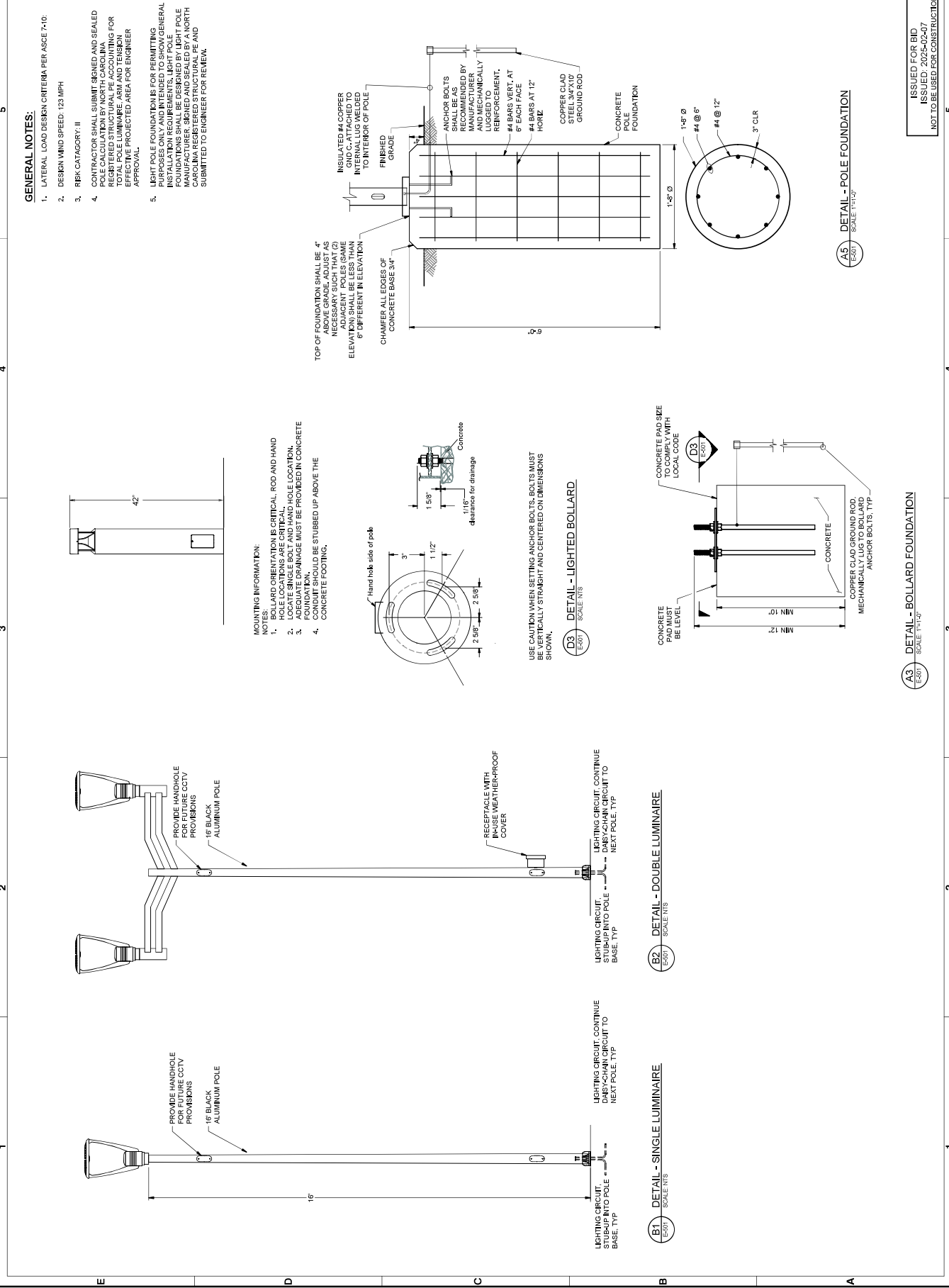
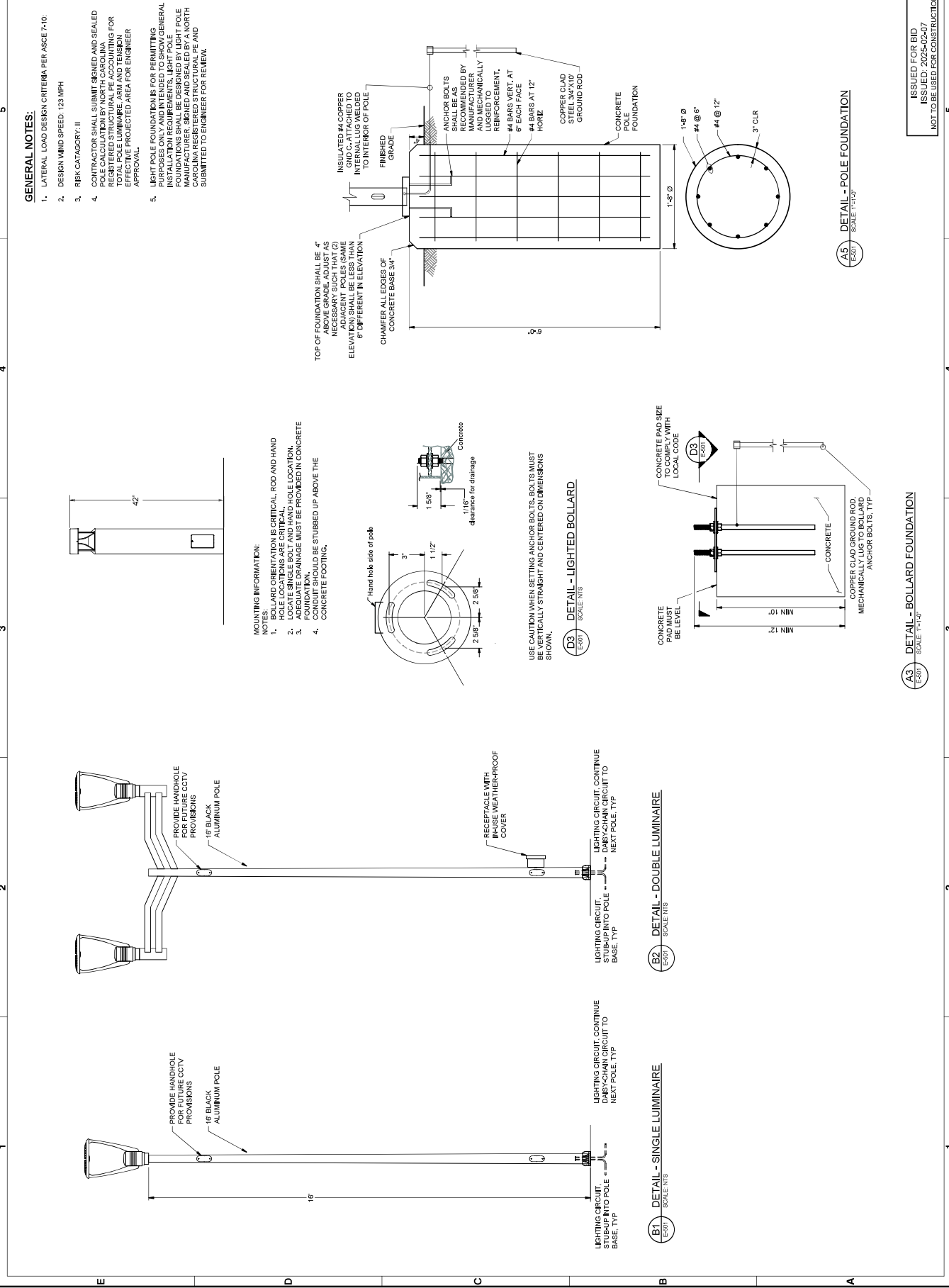
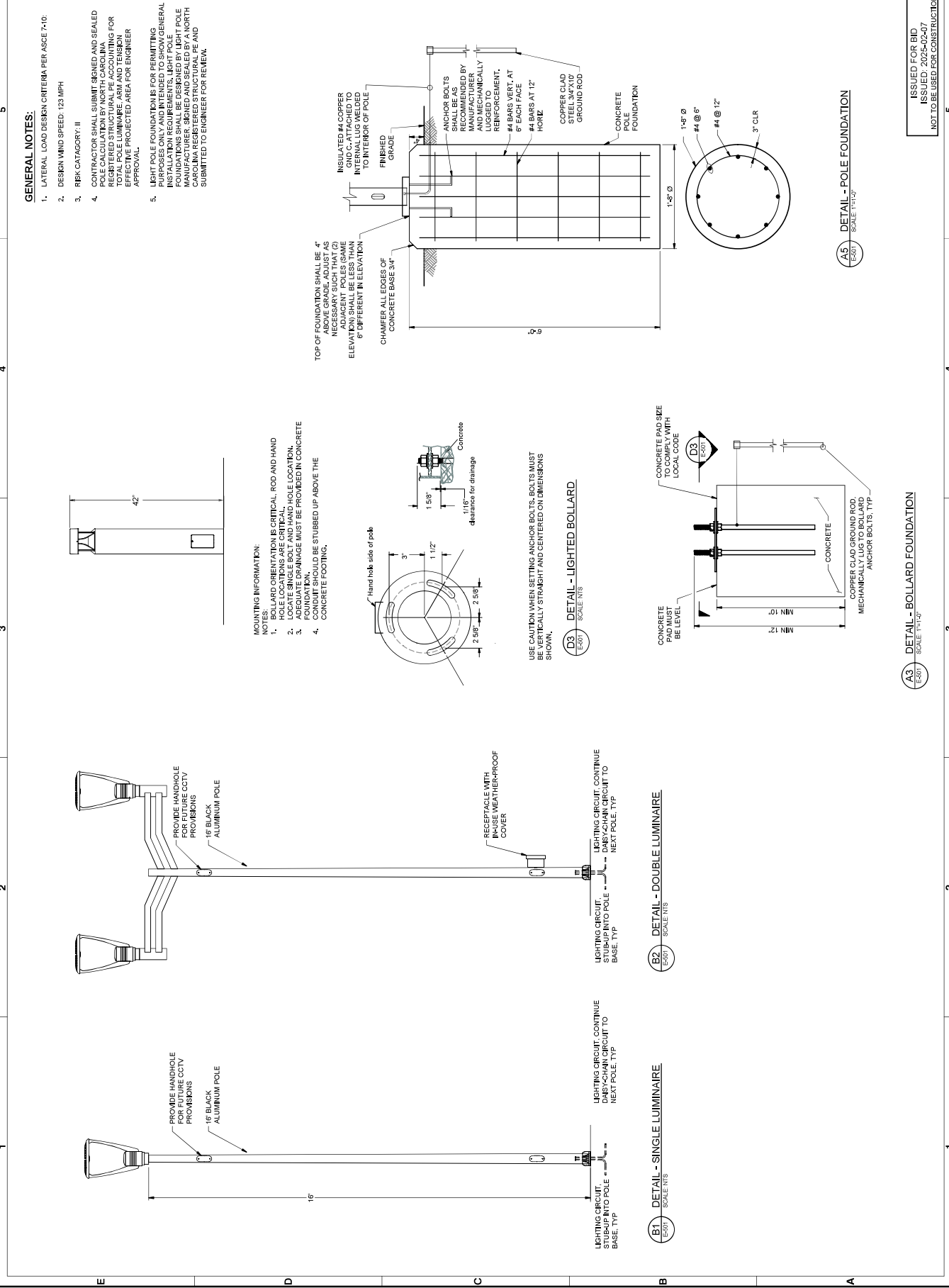
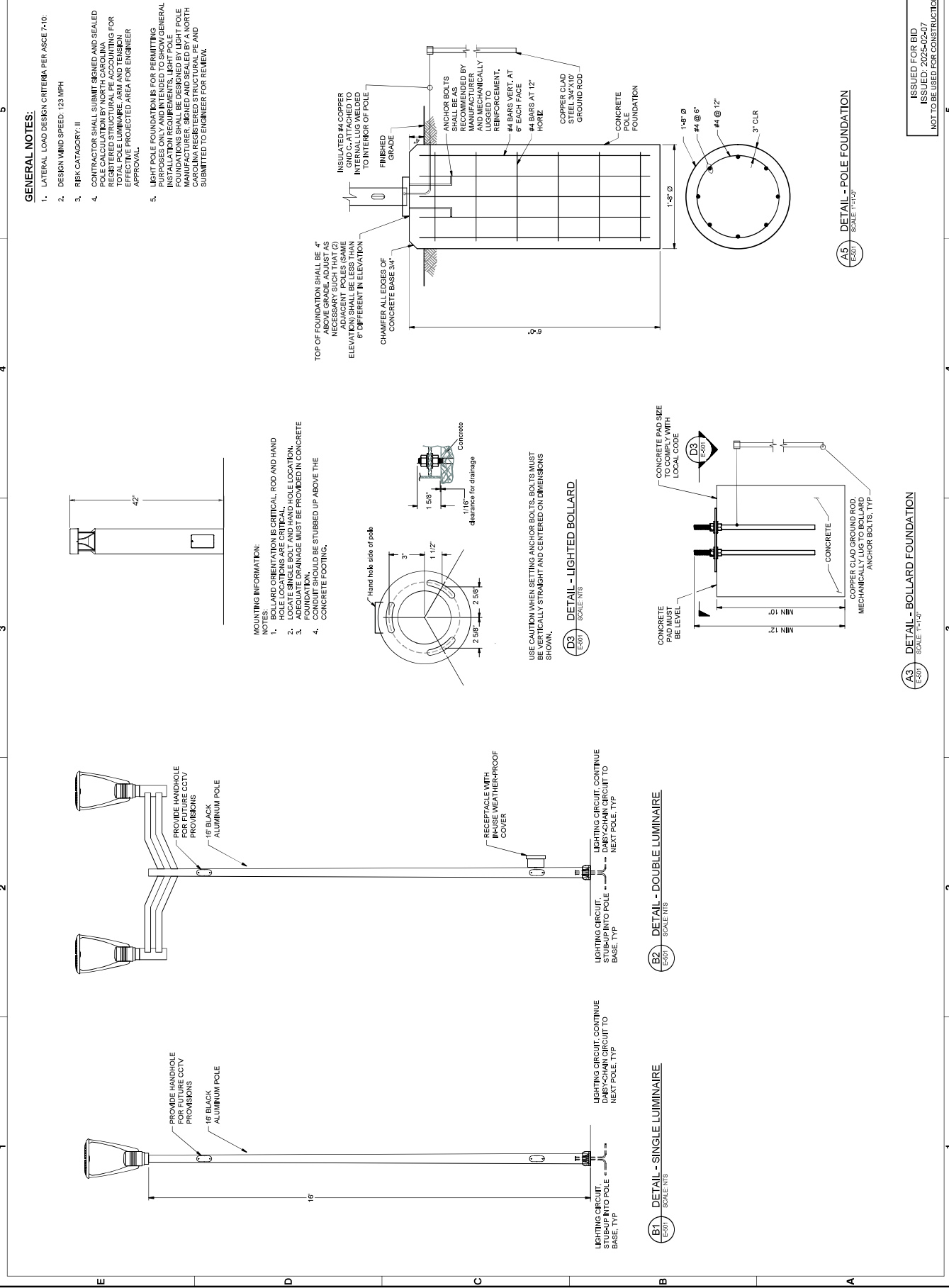
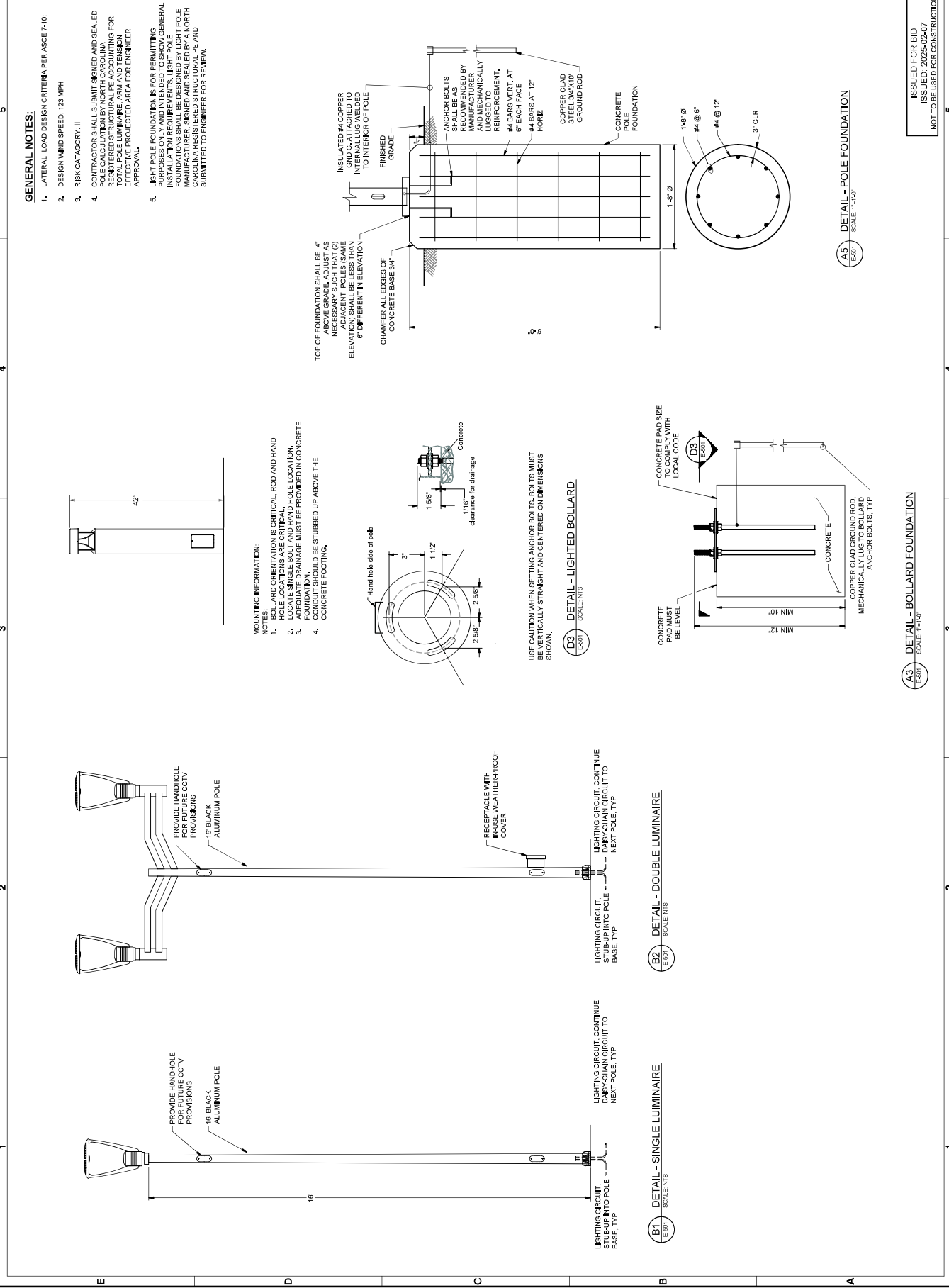
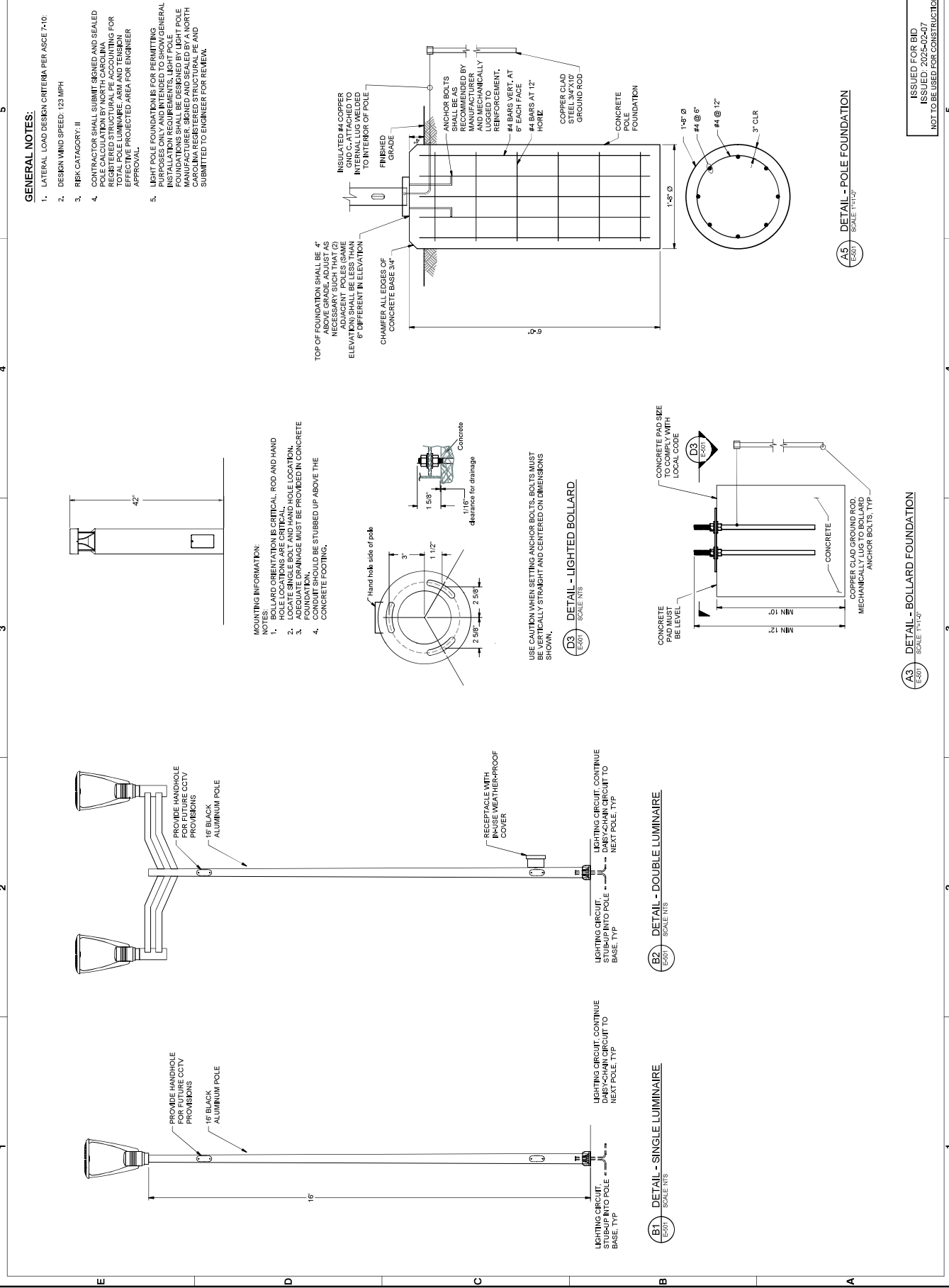
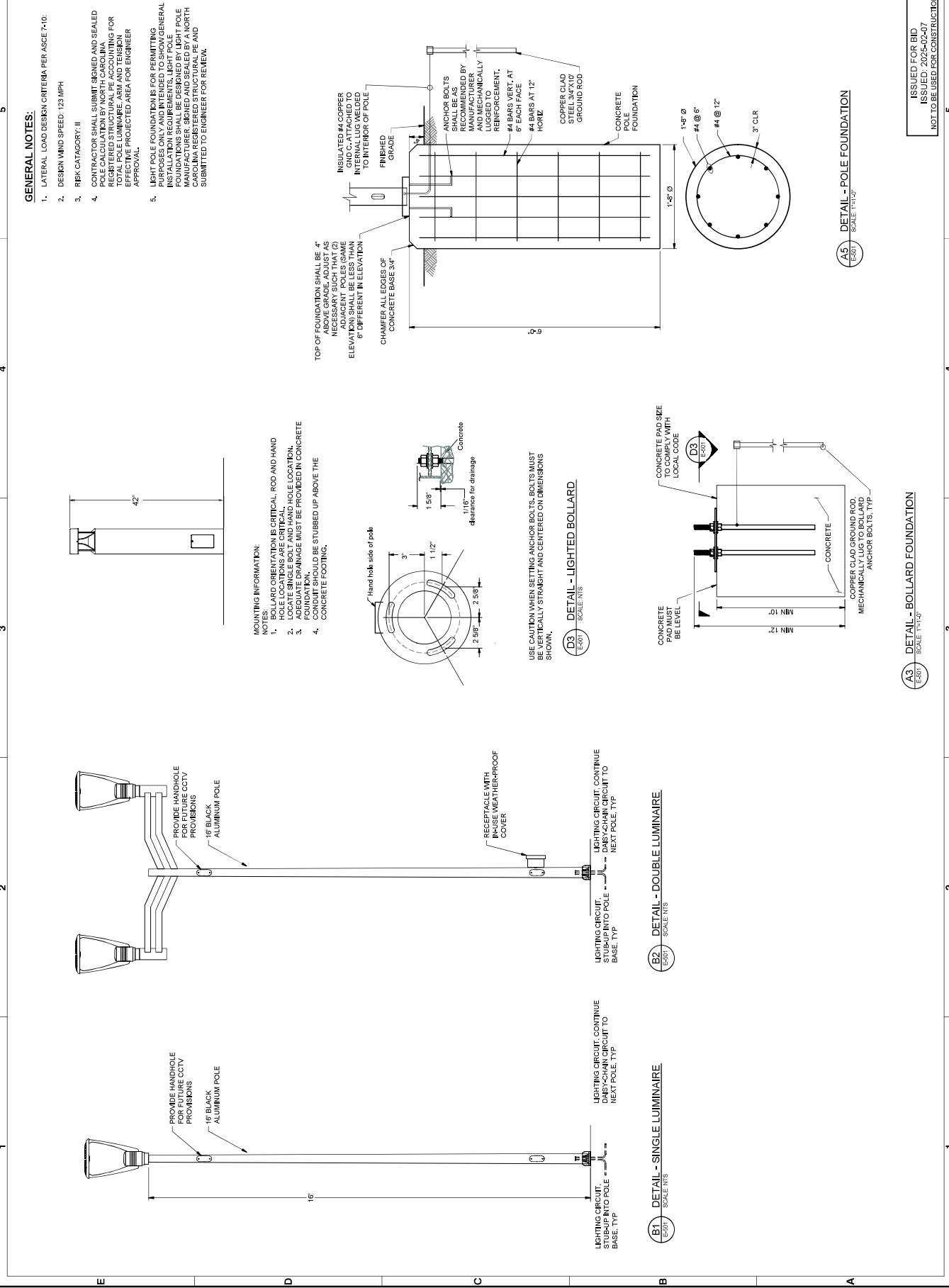
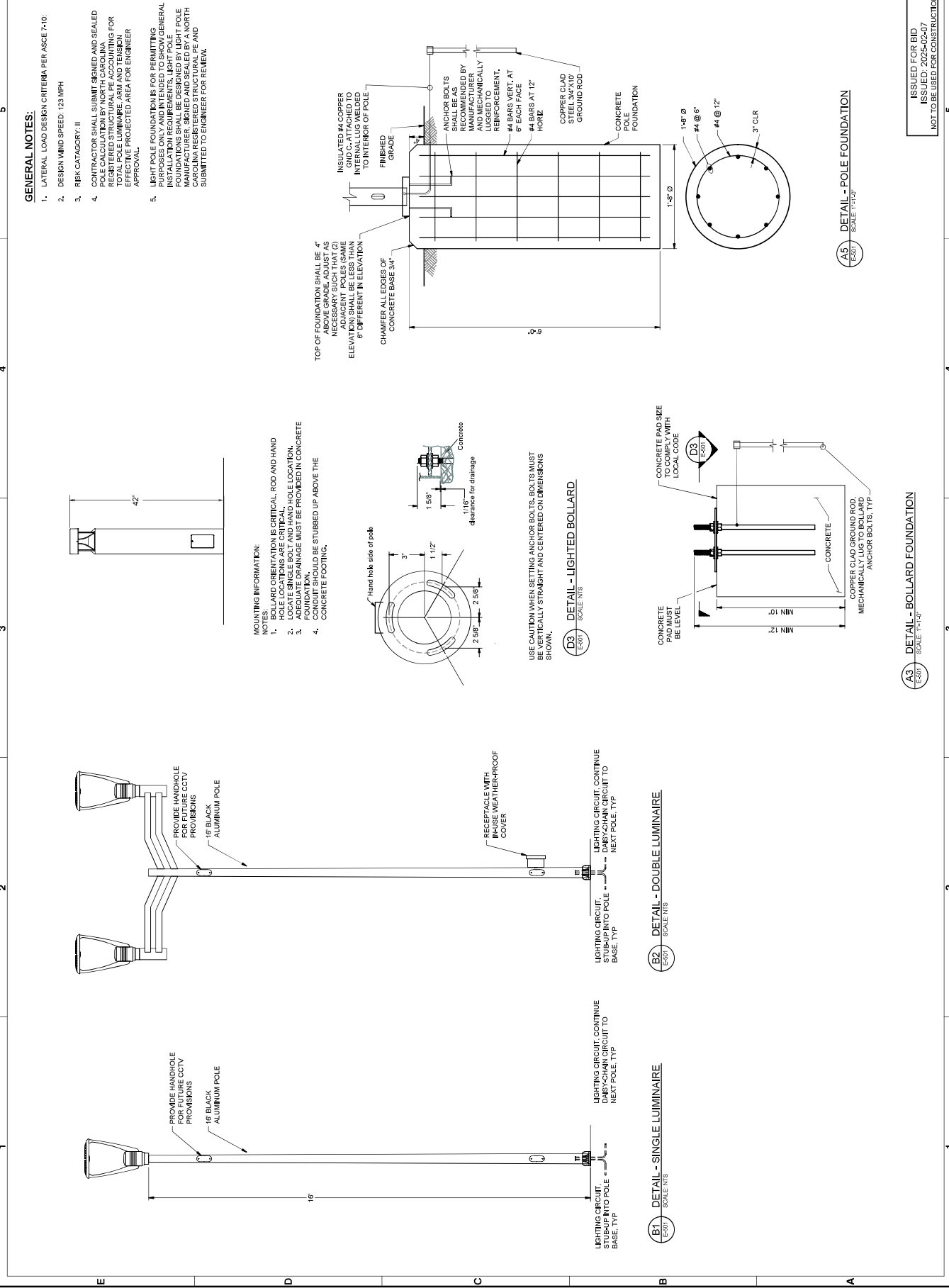
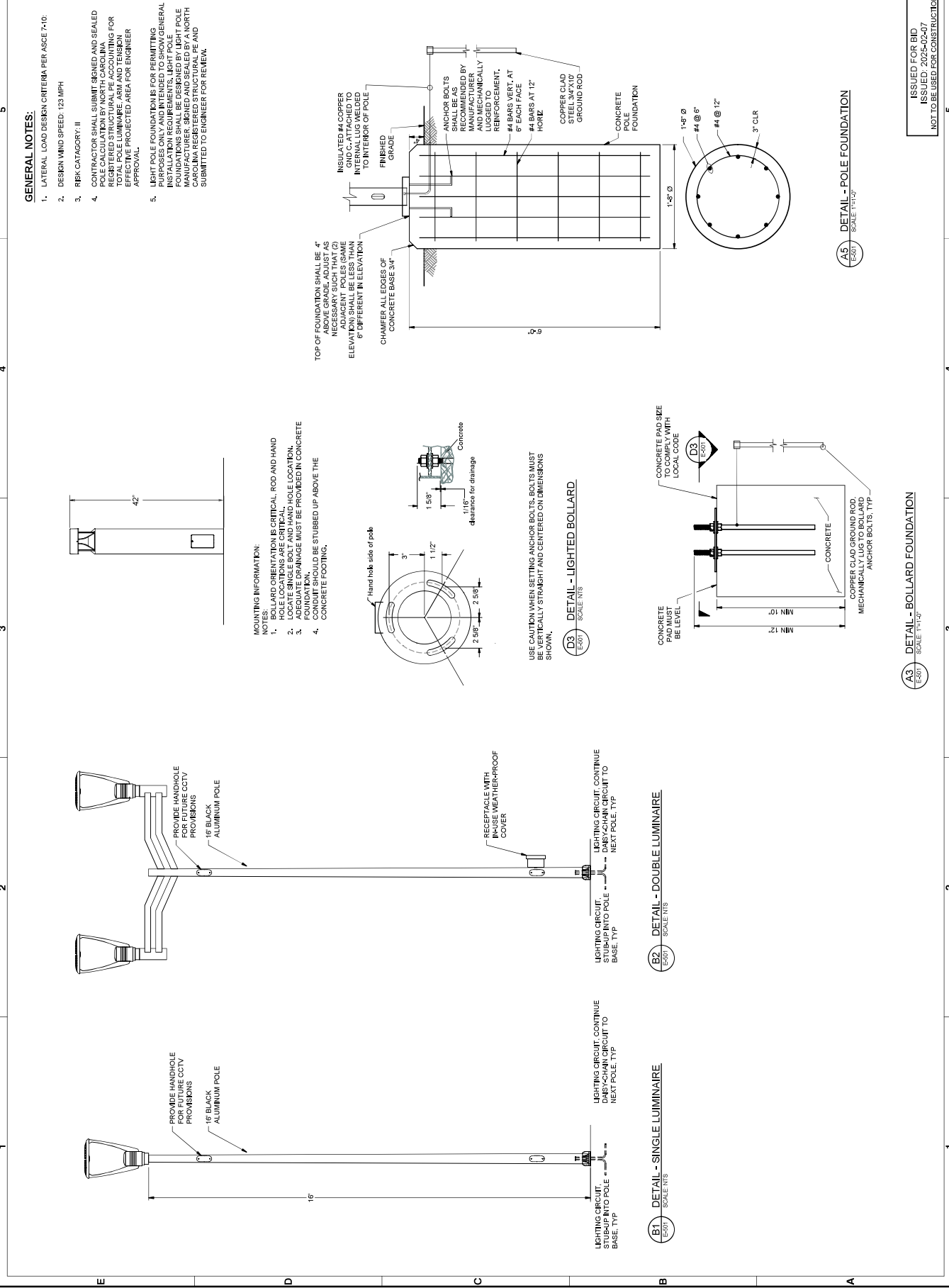
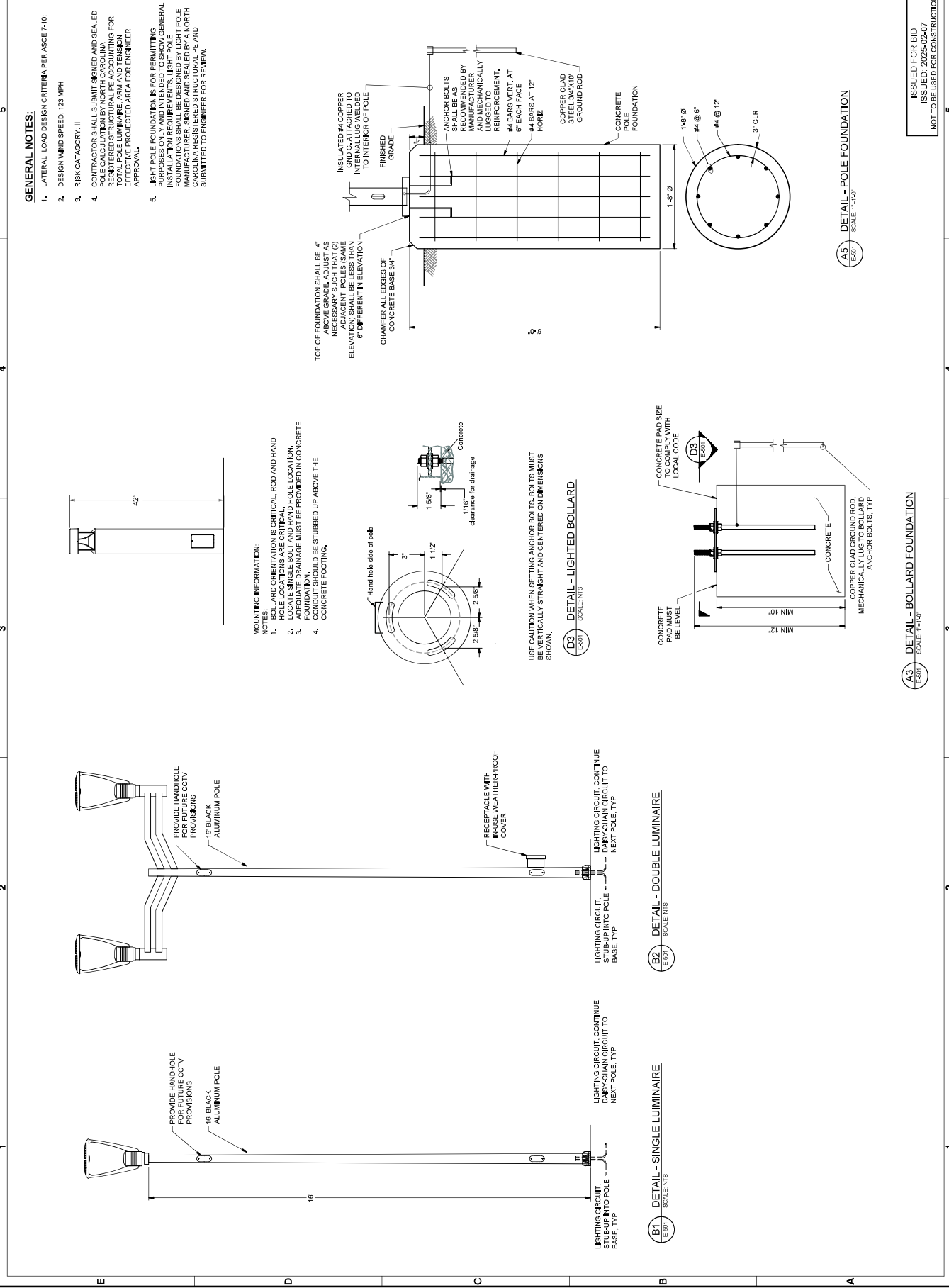
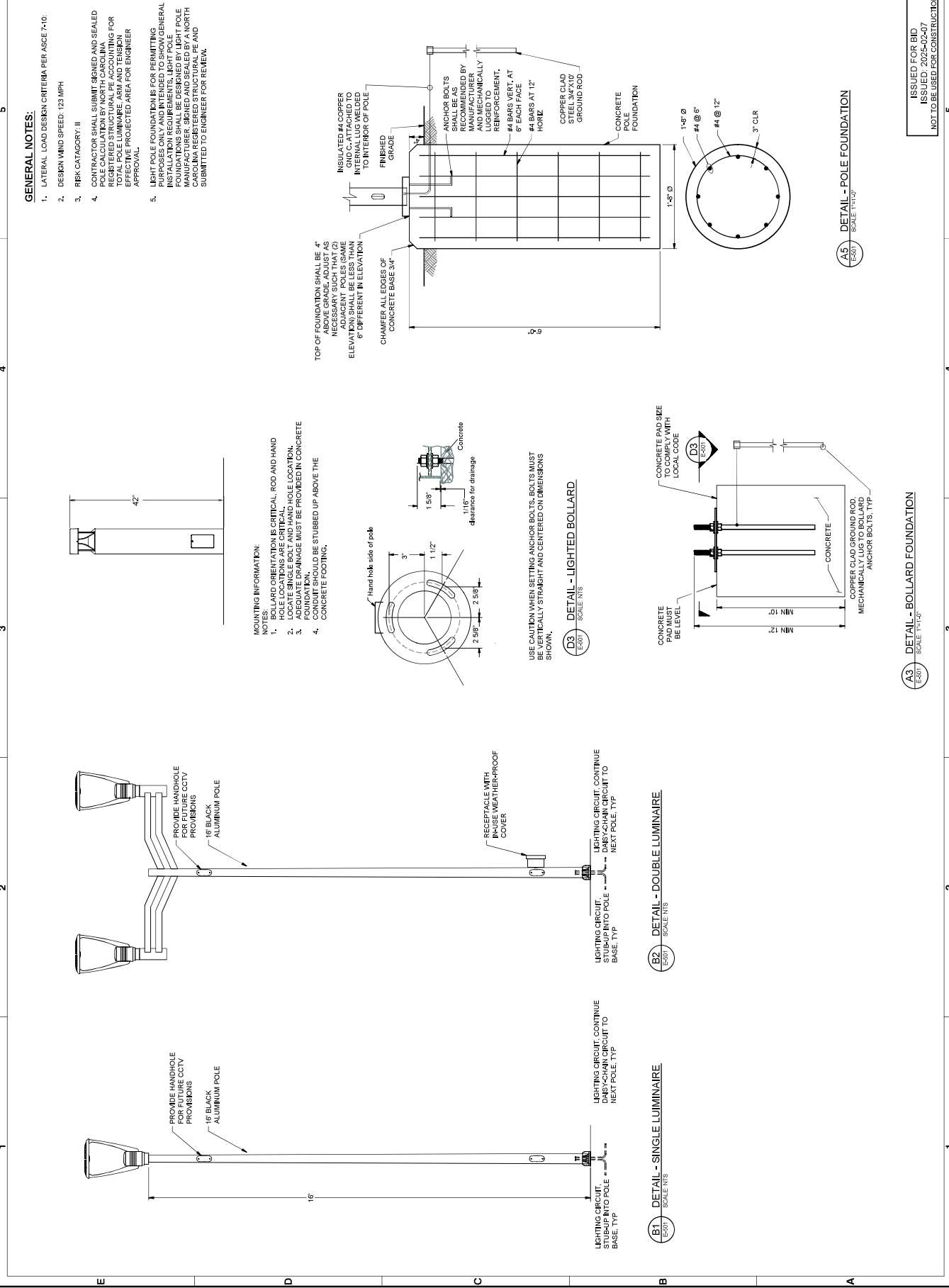
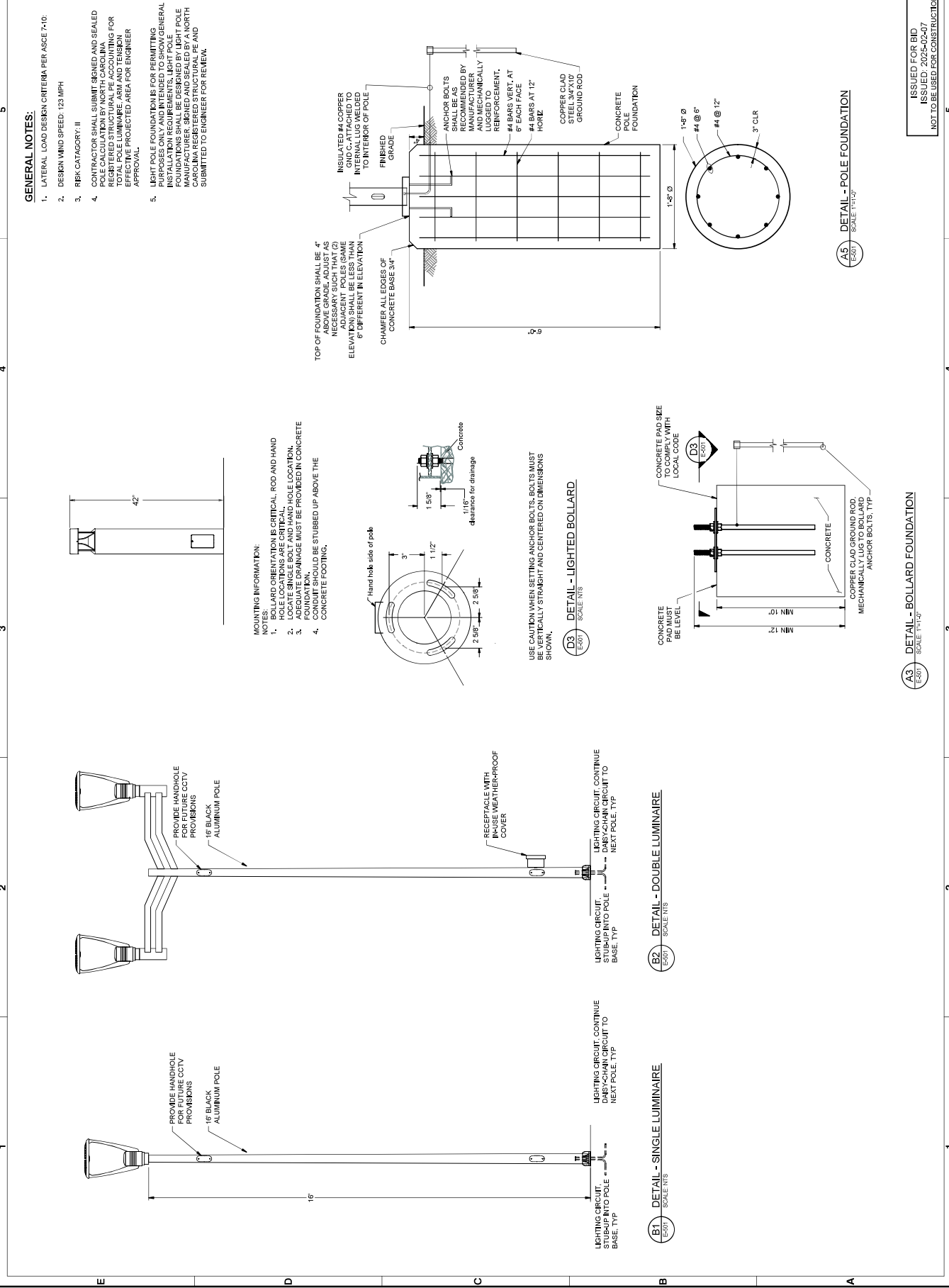
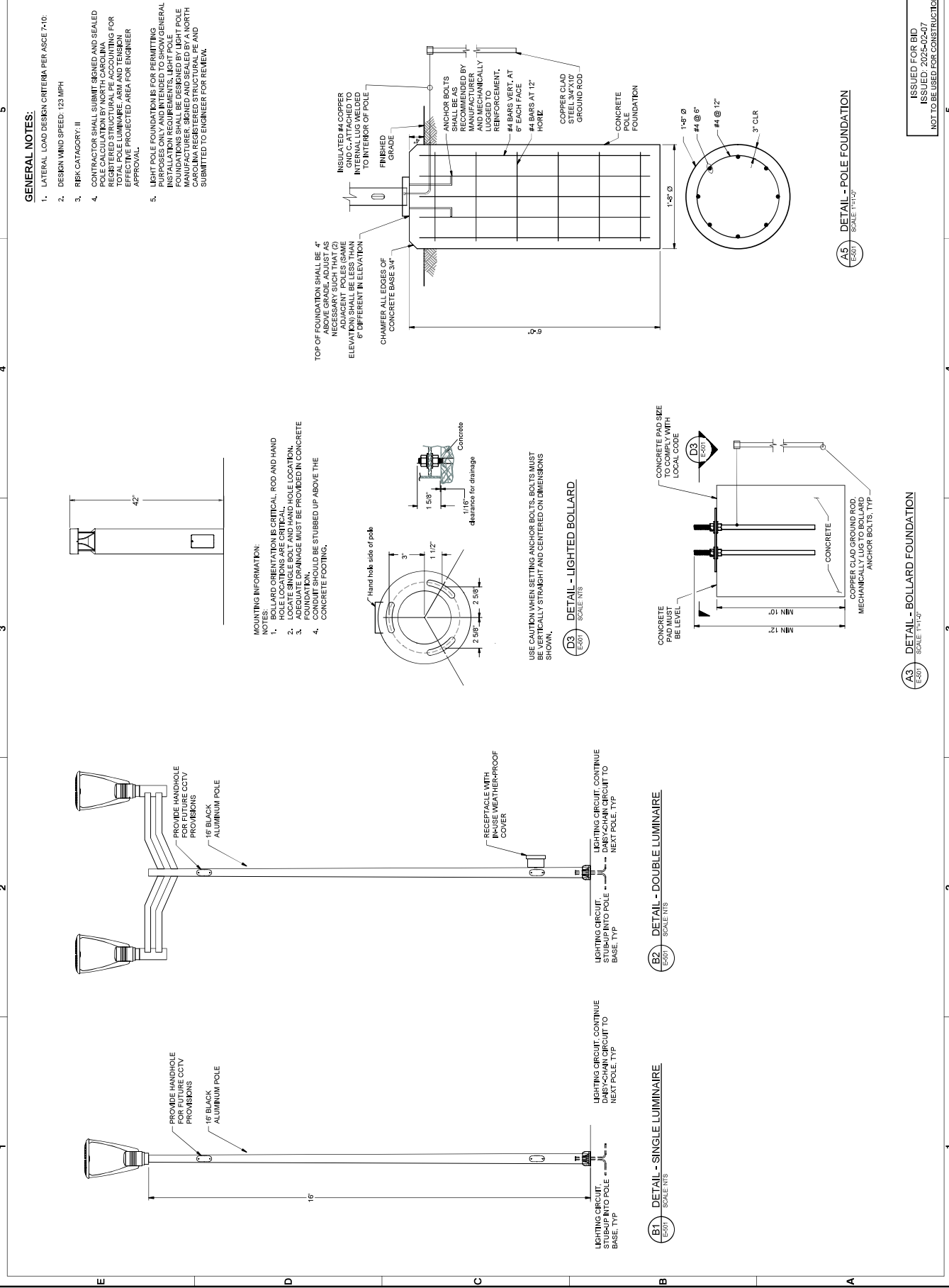
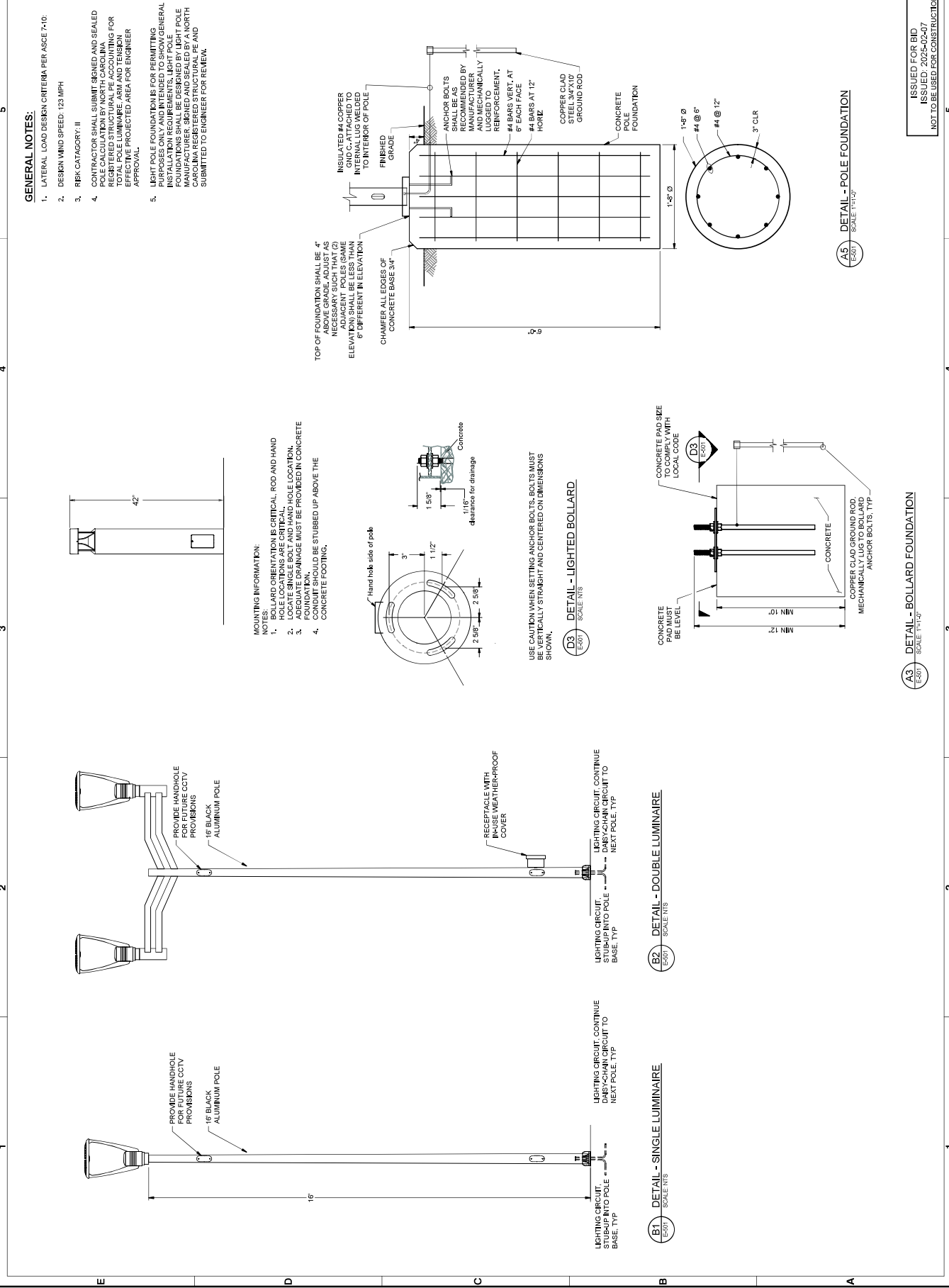
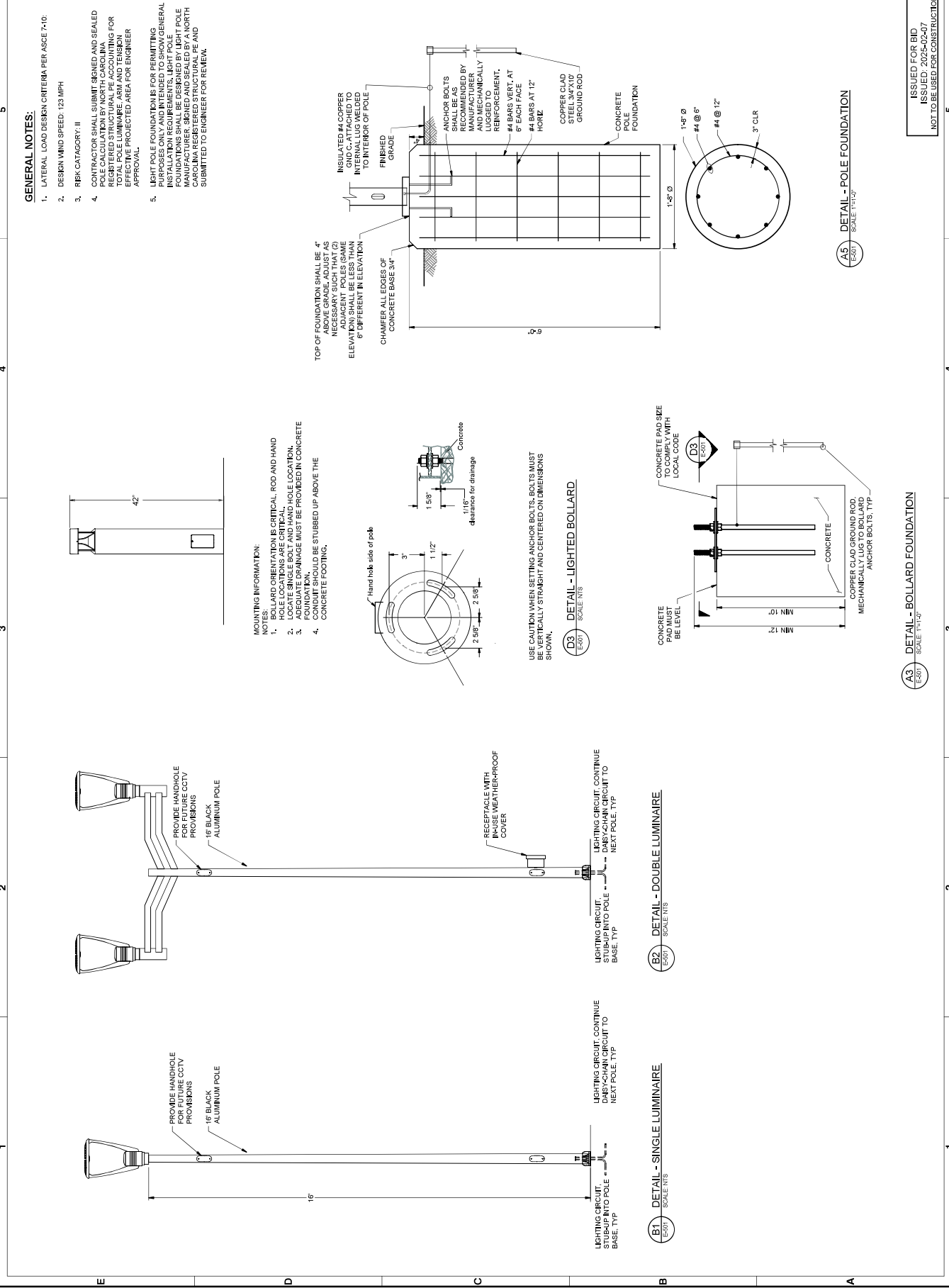
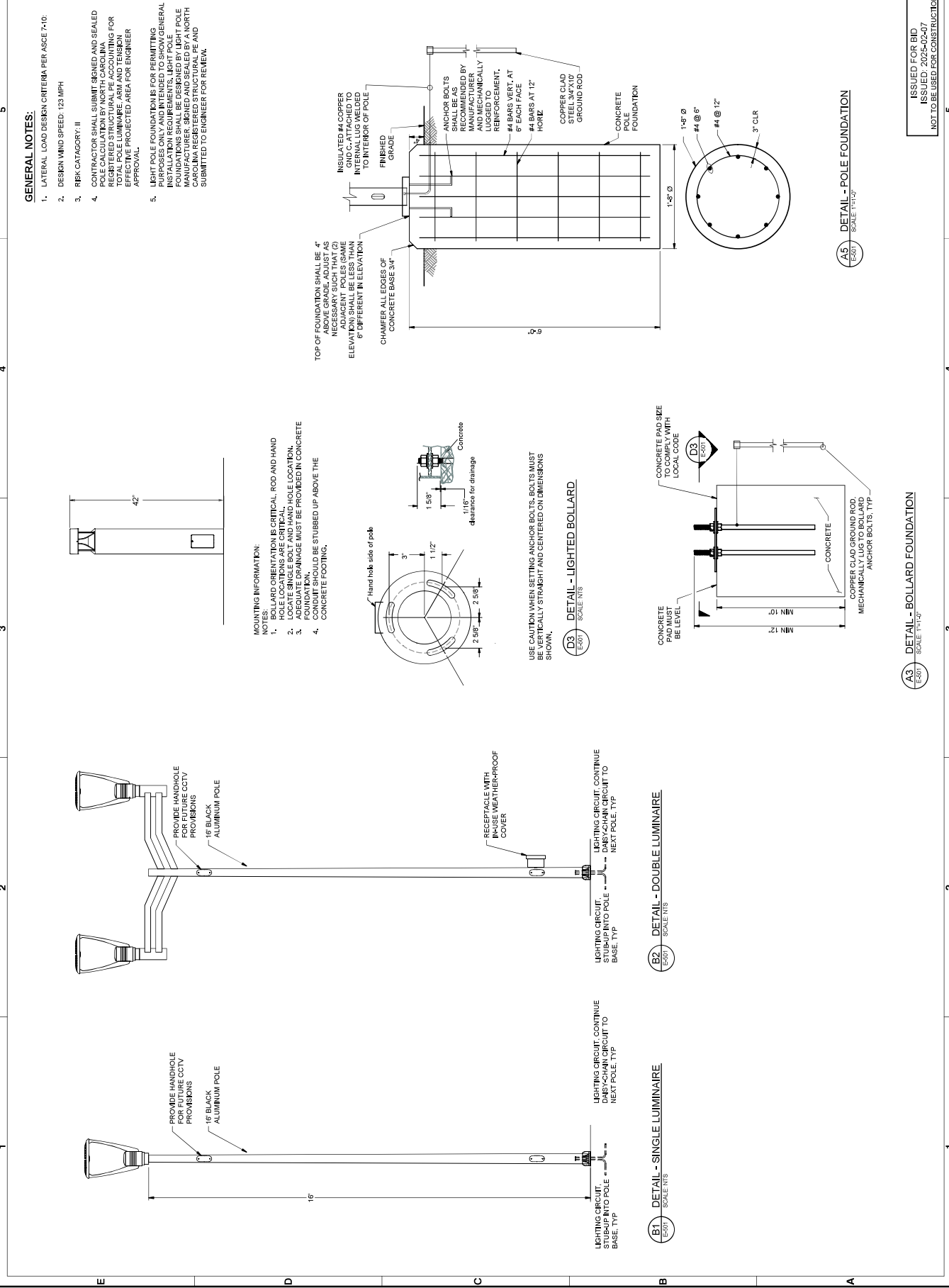
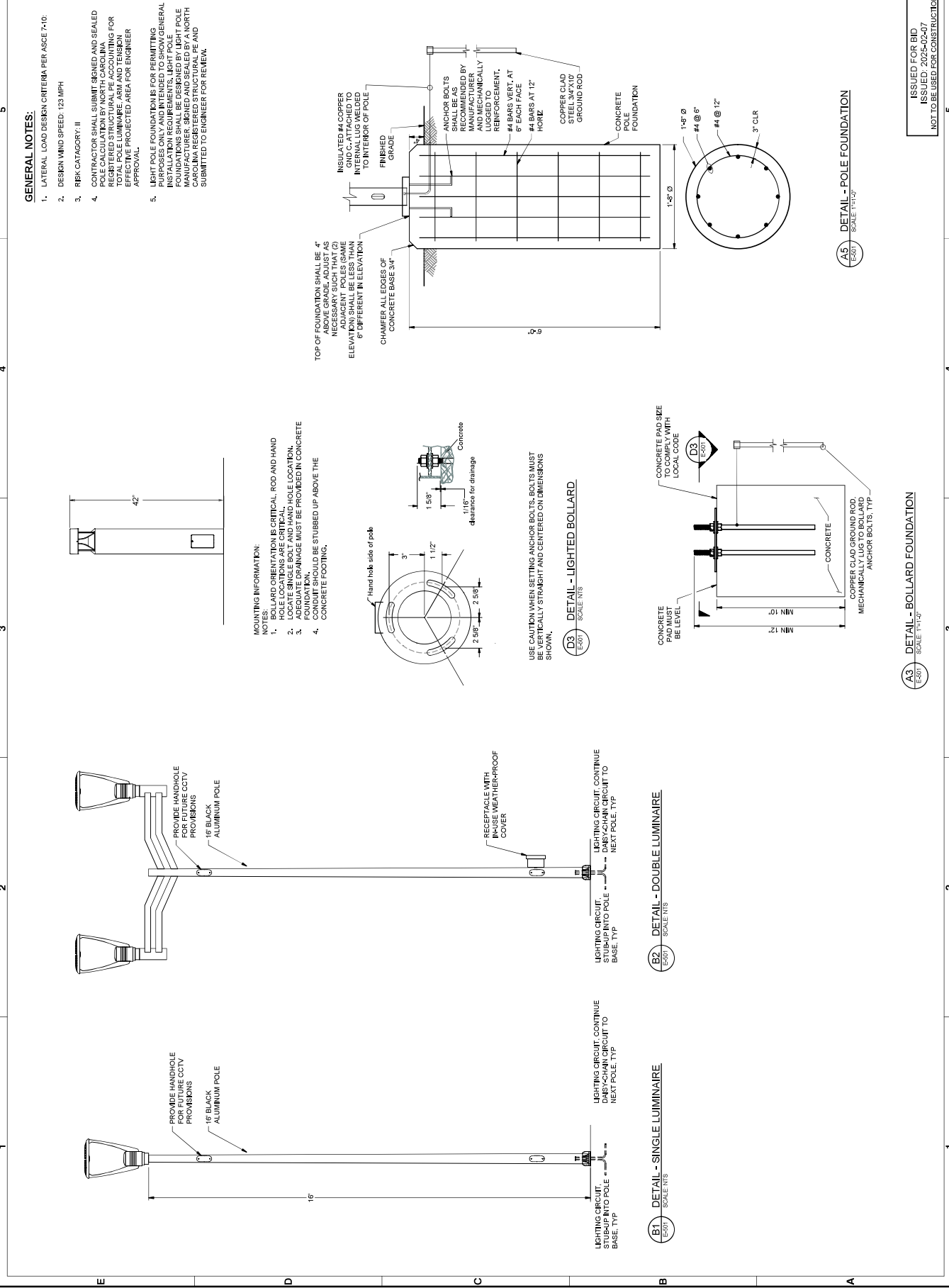
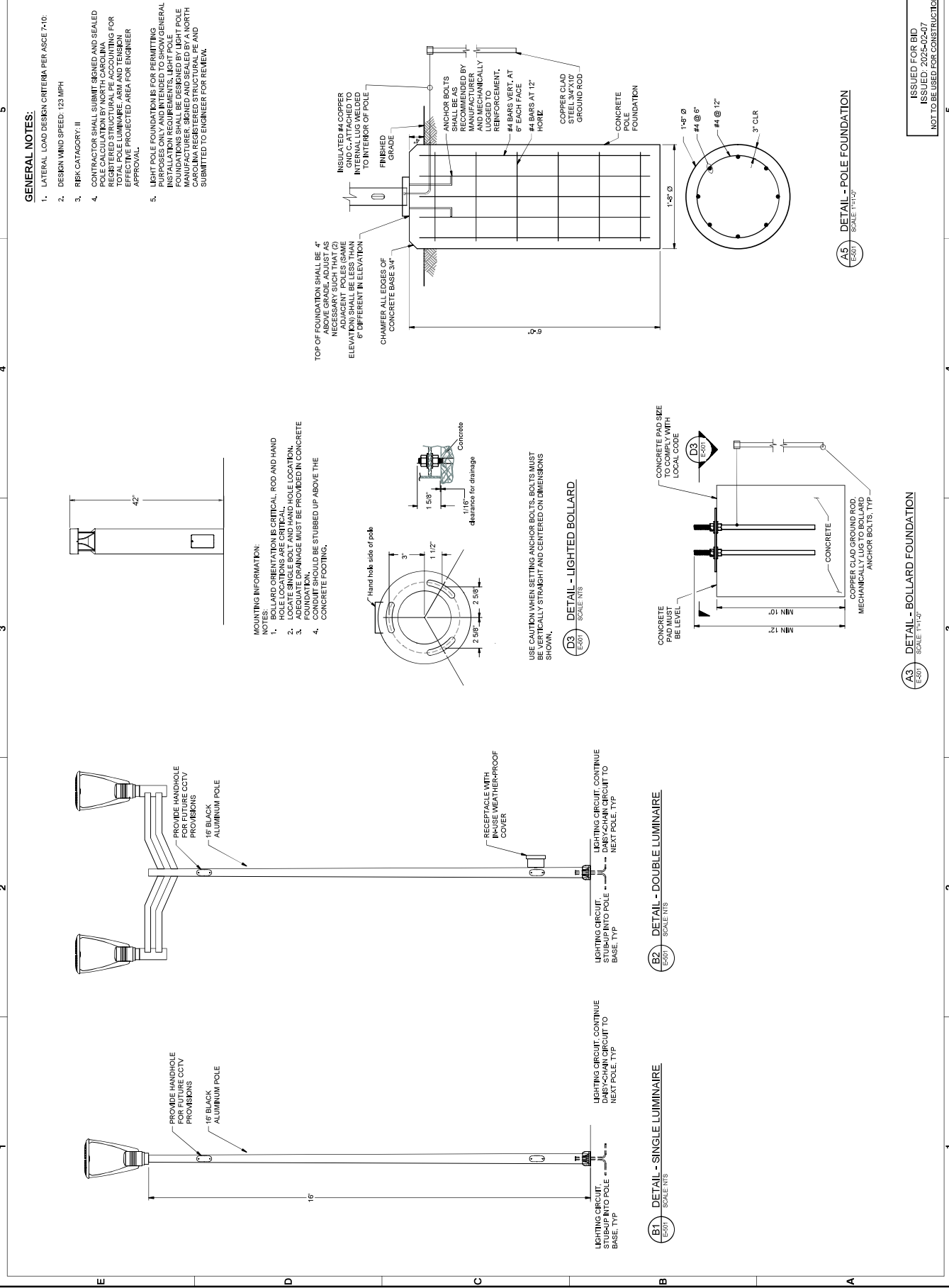
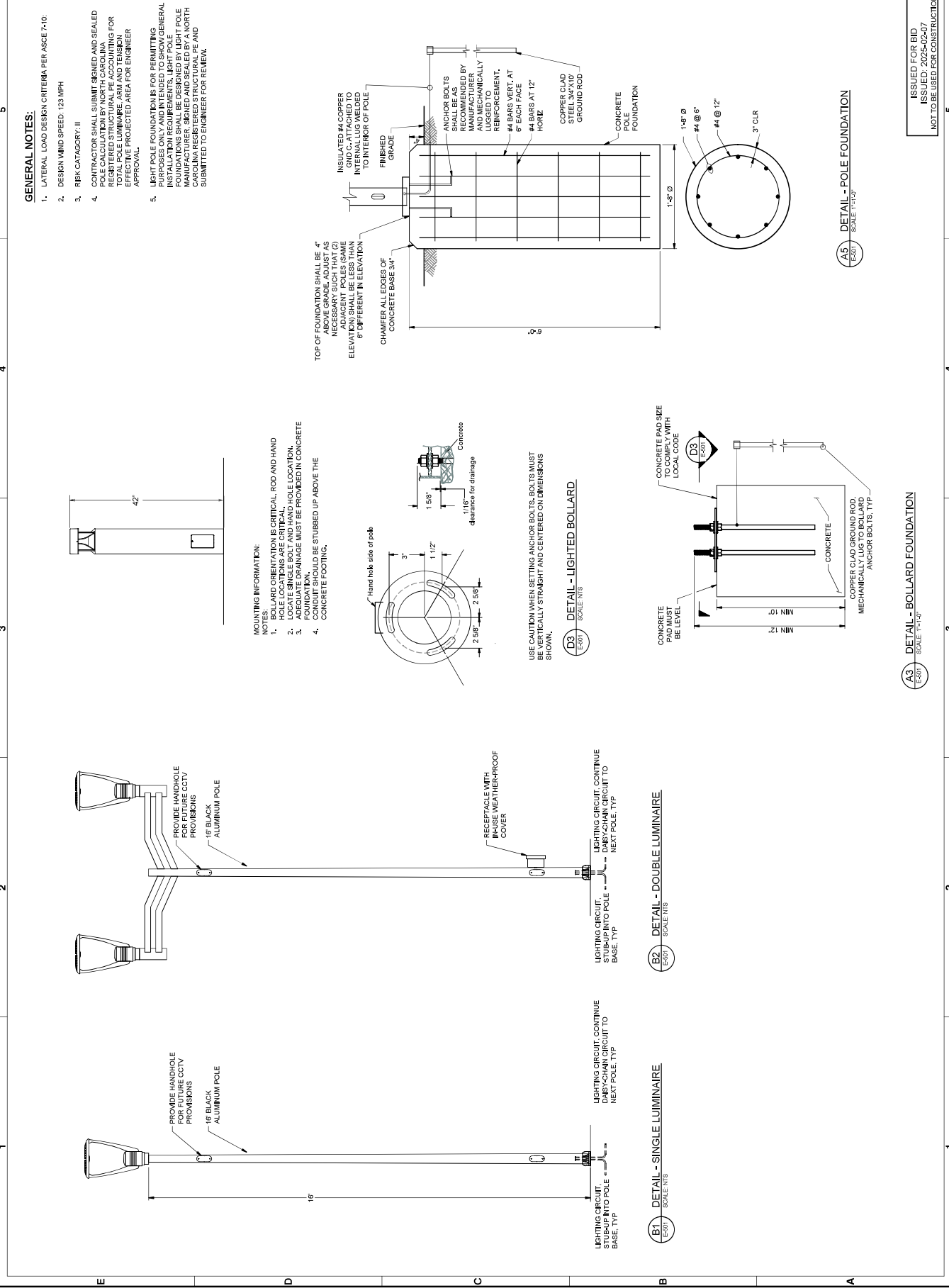
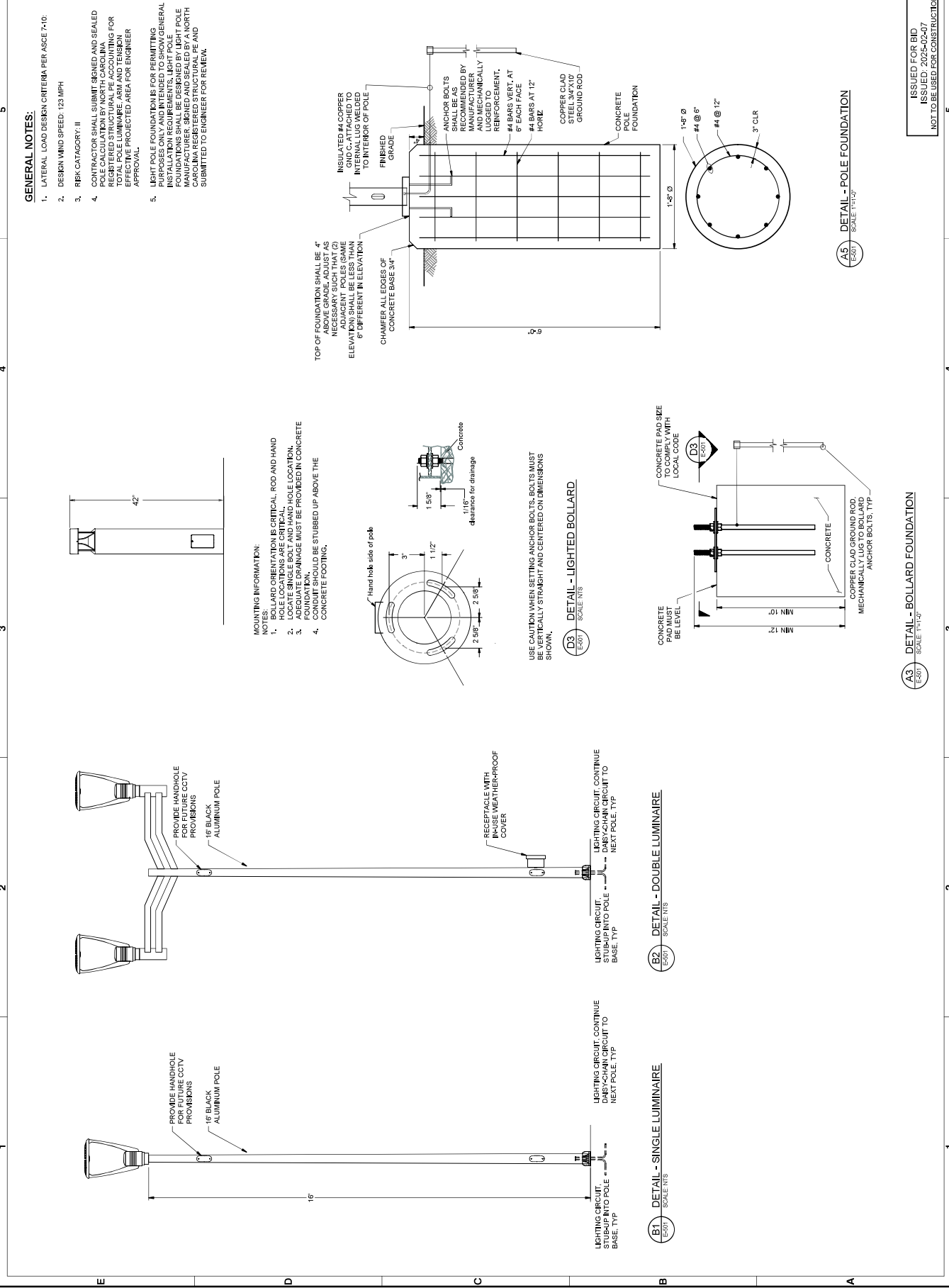
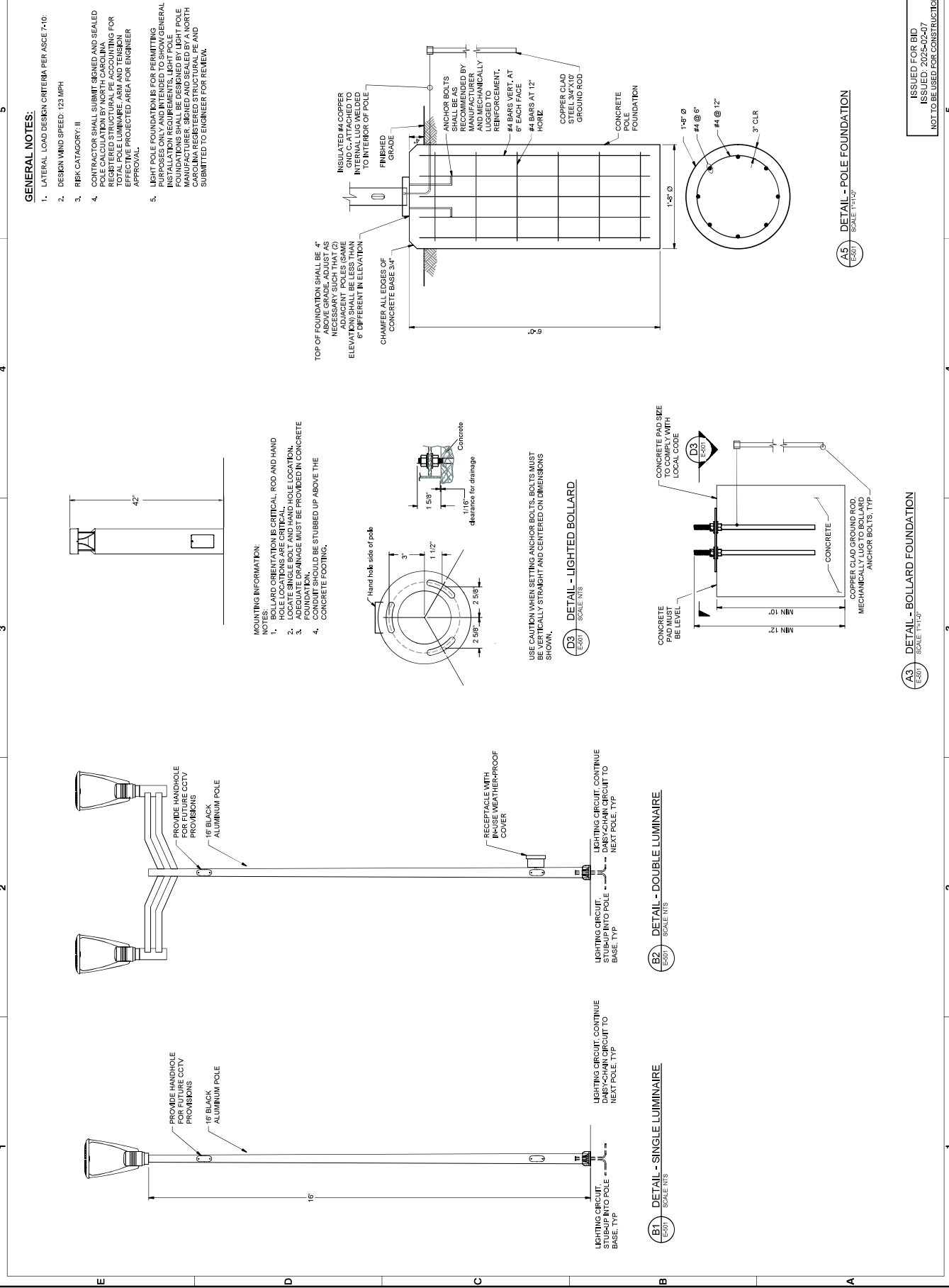
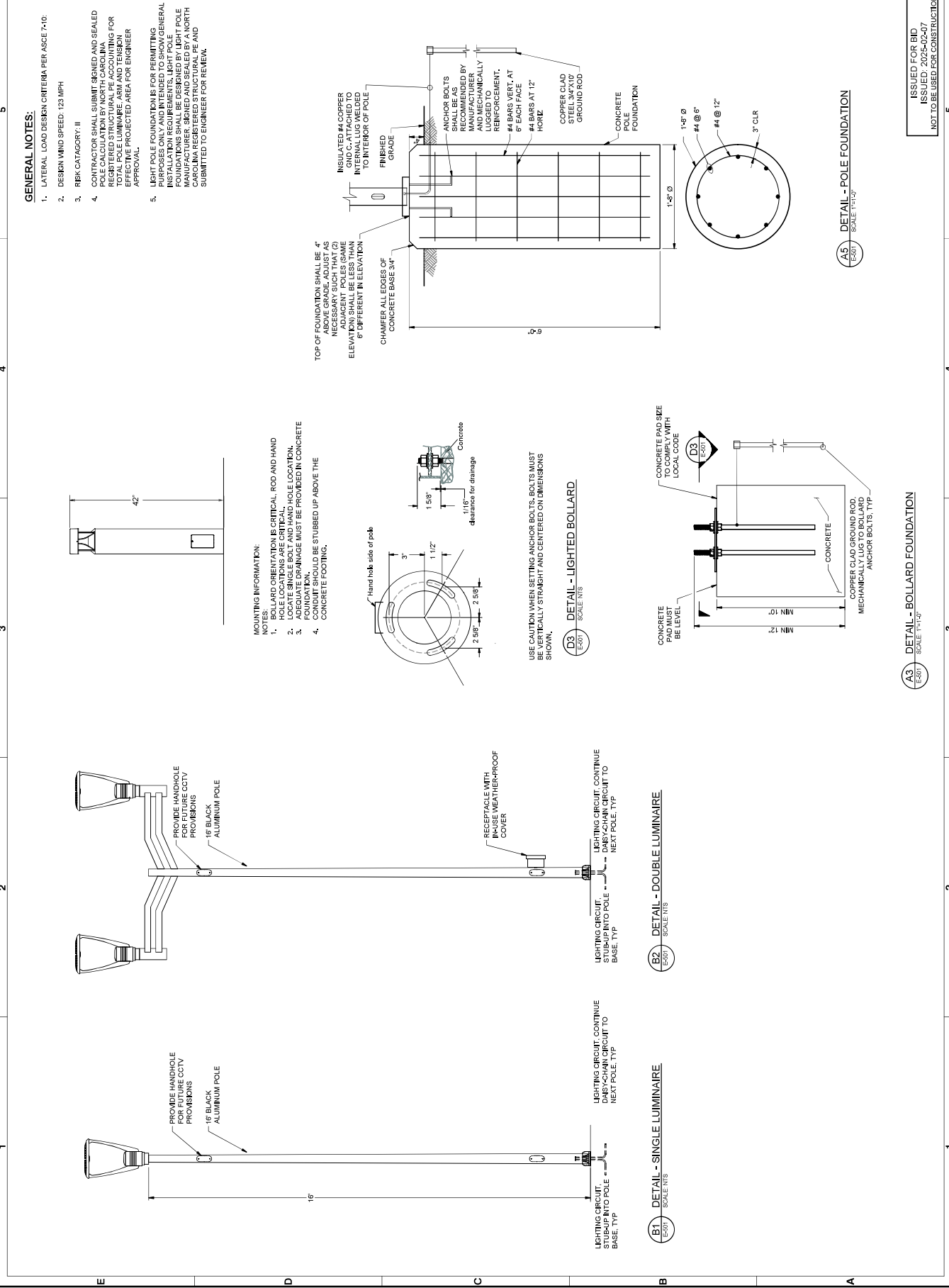
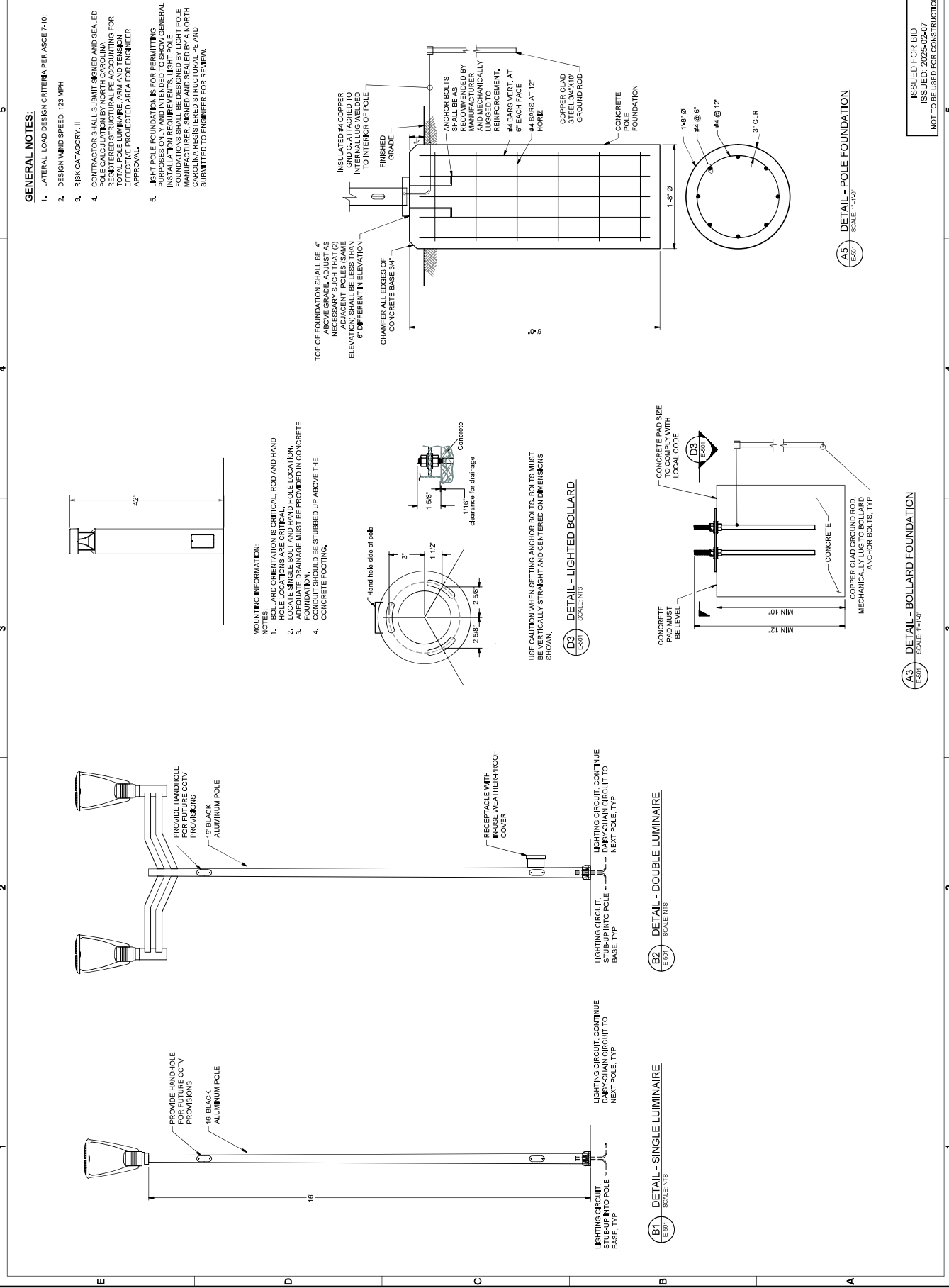
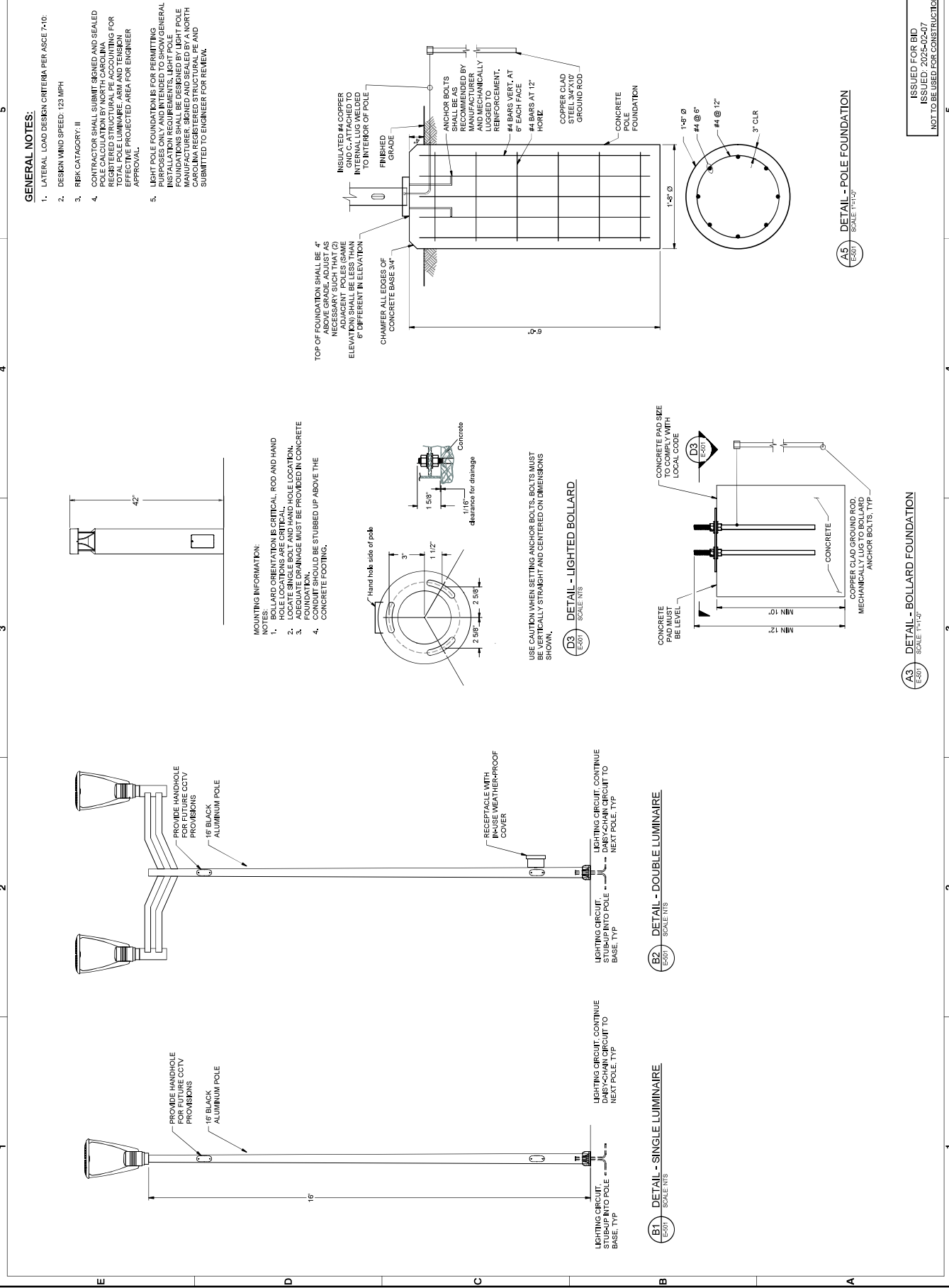
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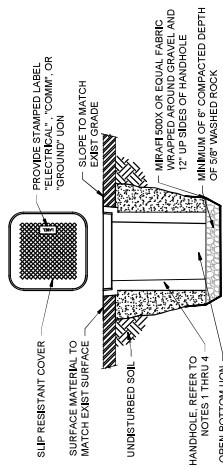
DRAWING SCALES SHOWN BASED ON 24"x36" DRAWING











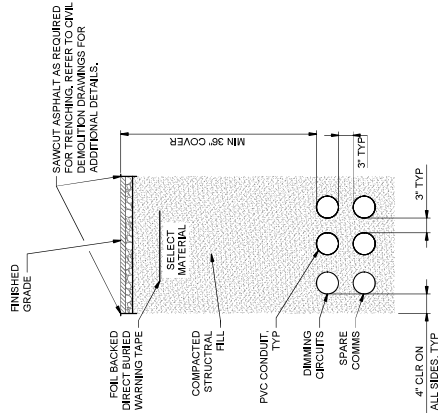
NOTES:

1. PROVIDE MINIMUM 2" x 3" x 17' UOI POLYMER CONCRETE, QUARTZ FILLER HANDHOLE. PROVIDE MINIMUM 1/4" BATING UOI, PROVIDE STAINLESS STEEL 3/16" WASHERS, CAPTIVE HEAD BOLTS, AND PULL SLOTS.
2. INSTALL HANDHOLE AS SHOWN AND PER MANUFACTURER RECOMMENDATIONS.
3. PROVIDE CONDUIT TAGS WITH CABLE SCHEDULE NUMBER ON EACH CONDUIT AND WIRE ENTERING AND LEAVING HANDHOLE.
4. REFER TO ELECTRICAL LEGEND FOR HANDHOLE MINIMUM SIZES. ALL SIZES CALLED OUT IN ELECTRICAL SHEETS ARE INSIDE CLEAR DIMENSIONS.

D1 DETAIL - ELECTRICAL HANDHOLE



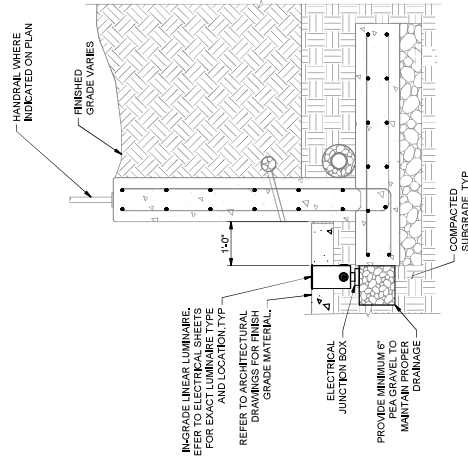
SECTION - TYPICAL DUCTBANK



NOTES

1. PROVIDE GROUND BUSHINGS ON ALL CONDUITS.
2. PROVIDE CONDUIT AND CONDUITS FOR ALL DEVICES SHOWN ON THIS DETAIL. REFER TO SINGLE LINE AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
3. TRANSITION FROM PVC TO RGS CONDUIT UNDERGROUND PRIOR TO CONDUIT ELBOW.
4. CONNECT STRUCTURAL AND ELECTRICAL STEEL AT LEAST (2) GROUND RODS WITH 6" SEPARATION.

C4 DETAIL - ELECTRICAL EQUIPMENT RACK (TYPICAL)



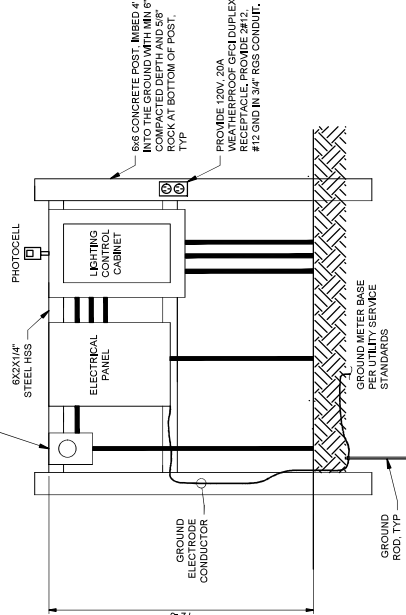
DETAIL - IN-GRADE MURAL LUMINAIRE



MURAL LUMINAIRE INSTALLATION



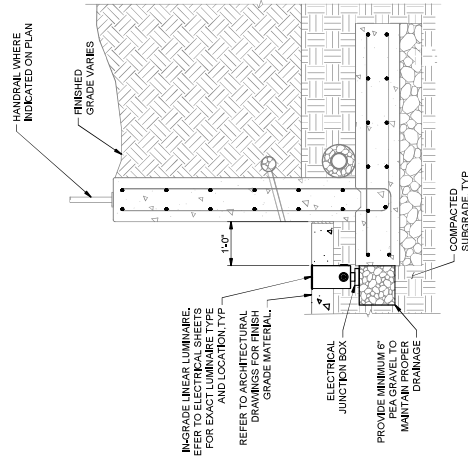
ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



NOTES

1. PROVIDE GROUND BUSHINGS ON ALL CONDUITS.
2. PROVIDE CONDUIT AND CONDUITORS FOR ALL DEVICES SHOWN ON THIS DETAIL. REFER TO SINGLE LINE AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
3. TRANSITION FROM PVC TO RGS CONDUIT UNDERGROUND PRIOR TO CONDUIT ELBOW.
4. CONNECT STRUCTURAL AND ELECTRICAL SYSTEMS AT LEAST (2) GROUND RODS WITH 6" SEPARATION.

C4 DETAIL - ELECTRICAL EQUIPMENT RACK (TYPICAL)



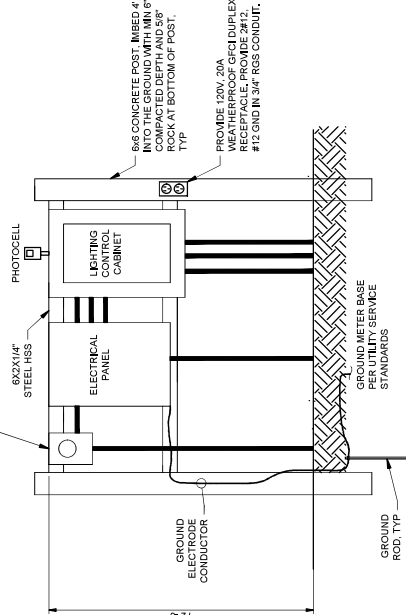
DETAIL - IN-GRADE MURAL LUMINAIRE

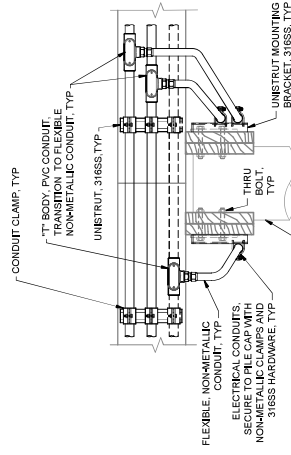


MURAL LUMINAIRE INSTALLATION



ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION





1. PROVIDE 3/4" CONDUIT (AS SPECIFIED) FROM CONDUIT T-BODY TO LUMINAIRE POLE.

A1 DETAIL
E-101
E-103
SCALE: NTS

A3
E-103

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION

5

SEAL

Sheet
Reference No.
E-503
INDEX: 112B OF 114

[illegible]

GREENVILLE TOWN COMMON
& ESPLANADE PROJECT
ELECTRICAL DETAILS 3 OF 3
(BID ADD 3)



Greenville

POLE/LUMINAIRE #	NORTHING	EASTING
P1	653278.4250	2463372.682
P2	653223.8996	2463413.3357
P3	653215.2993	2463462.0153
P4	653205.9993	2463547.9707
P5	653247.4640	2463650.7326
P6	653271.8569	2463690.7326
P7	653313.6671	2463771.6507
P8	653322.7987	2463787.4887
P9	653296.7811	2463938.8903
P10	653268.6453	2463904.5719
P11	653248.2992	2463956.6140
P12	653240.2113	2464023.7297
P13	653208.9398	2464084.6990
P14	653220.8346	2464150.3990
P15	653204.0251	2464198.1229
P16	653228.6165	2464260.3901
P17	653338.8670	2464366.2729
P18	653330.0836	2464398.0695
P19	653316.5851	2464505.1519
P20	653308.7345	2464601.0509
P21	653292.1988	2464163.7692
P22	653278.2166	2464274.5333
P23	653203.3268	2464375.0799
P24	653248.1844	2464396.5986
P25	653233.3620	2464396.6910
P26	653222.4650	2464472.3550
P27	653215.2461	2464469.3037
P28	653163.8774	2464463.3664
P29	653114.5465	2464530.7139
P30	653051.8652	2464632.4520
P31	653005.7980	2464630.6310
P32	652965.7519	2464647.1227
P33	652902.7599	2464686.7111
P34	652895.2736	2464710.0390
P35	652837.0764	2464802.3055
P36	652810.8619	2464805.3968
P37	653032.5072	2464768.8919
P38	652925.7690	2464768.8919
P39	652925.7690	2464768.8919
P40	653071.1472	2464710.3928

C1 LUMINAIRE & POLE NORTHING-EASTING LOCATIONS
SCALE: 1"=50'

TYPE	MANUFACTURER	CATALOG NO.	POLE NO.	HEIGHT	WATTS	VOLTAGE	NOTES
A	BEGA	88476LJ3	N/A	0	47.4	240V	INCREASE LUMINAIRE
B	LUMINIS	(2) MA25L-1L-60L-300-40W-VOLT-PT4-SBK	PR85-16FT-TH228-MA25-PM25-4VOLT-20G-8KT	16'	72	240V	DOUBLE LUMINAIRE
C	LUMINIS	MA25L-1L-60L-300-40W-VOLT-PT4-SBK	PR85-16FT-TH228-MA25-PT4-4VOLT-5BK	16'	36	240V	
D	LUMINIS	(2) MA25L-1L-60L-300-40W-VOLT-PT4-SBK	PR85-16FT-TH228-MA25-PM25-4VOLT-20G-8KT	16'	72	240V	DOUBLE LUMINAIRE
E	SELUX	IBL-3.5-12-300BK-UV	N/A	3.5'	8	240V	
F	LUMINIS	EG300L-1L-10L-DS-300-40W-VOLT-PT4-96-SBK	PR85-16FT-TH125-EG300-PM25-4VOLT-5BK	10'	17	240V	
G	PERFORMANCE IN LIGHTING	M10BOL-600-10-T3-KIR-UV-N/A	N/A	26"	10	240V	CONVERT PERMANENT TO NATURE PATH

D3 LUMINAIRE & POLE SCHEDULE
SCALE: 1"=50'

E													
VOLTAGE:		120/240											
PHASE:		1											
WIRE:		3 + GND											
NEUTRAL:		YES											
CMT NO.	DESCRIPTION	CONNECTED LOAD (VA)						ENCLOSURE					
		LTS	PED	MISC	AMPS	P	OCF	AMPS	P	LTS	PED	MISC	
1	PATHWAY LUMINAIRES P16-P24	405			20	2	A	20	2	360			2
3	PATHWAY LUMINAIRES P4-P32	128			20	2	A	20	2	191			4
5	LUMINAIRE POLE RECEPTACLES P17-P24	140			20	1	A	20	2				6
7	ELECTRICAL RACK RECEPTACLE	160			20	1	B	20	1				8
9	SPARE				20	1	A	20	1			SPARE	8
11	SPARE				20	1	B	20	1			SPARE	10
LOAD SUMMARY													

C3 PANEL SCHEDULE 'E'
SCALE: 1"=50'

PANEL BOARD: W													
VOLTAGE:		120/240											
PHASE:		1											
WIRE:		3 + GND											
NEUTRAL:		YES											
CART NO.	DESCRIPTION	CONNECTED LOAD (VA)						ENCLOSURE: NEMA 3R					
		LTS	PED	MISC	MISC	AMPS	P	AMPS	P	LTS	PED	MISC	MISC
1	PATHWAY LUMINAIRES P4-P15	338				20	2	A	20	2	169		
3	PLAZA 1 - BOLLARD LIGHTING	19				20	2	A	20	2	21		
5	ELECTRICAL RACK RECEPTACLE	160				20	1	A	20	2			
7	SPARE					20	1	B	20	1			
9	SPARE					20	1	A	20	2			
11	SPARE					20	1	B	20	2			
LOAD SUMMARY													
CONNECTED LOAD (KVA)		LTS	PED	MISC	MISC	TOTAL			ENCLOSURE: NEMA 3R				
		1.1	0.2	0.0	0.0	1.3	240	LINE-TO-GROUND VOLTS					
DEMAND FACTOR		1.00	1.00	1.00	1.00	---	5	CONNECTED AMPS					
DESIGN LOAD (KVA)		1.1	0.2	0.0	0.0	1.3	5	DESIGN AMPS					

A3 PANEL SCHEDULE 'W'
SCALE: 1"=50'

ISSUED FOR BID
ISSUED: 2025-02-07
NOT TO BE USED FOR CONSTRUCTION



GREENVILLE TOWN PROJECT

ELECTRICAL SCHEDULES

DATE: 2/20/2025

BY: JACOB

REVISION: 1

DESCRIPTION: 1 - 10 SHEET

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GREENVILLE, NC 27634

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