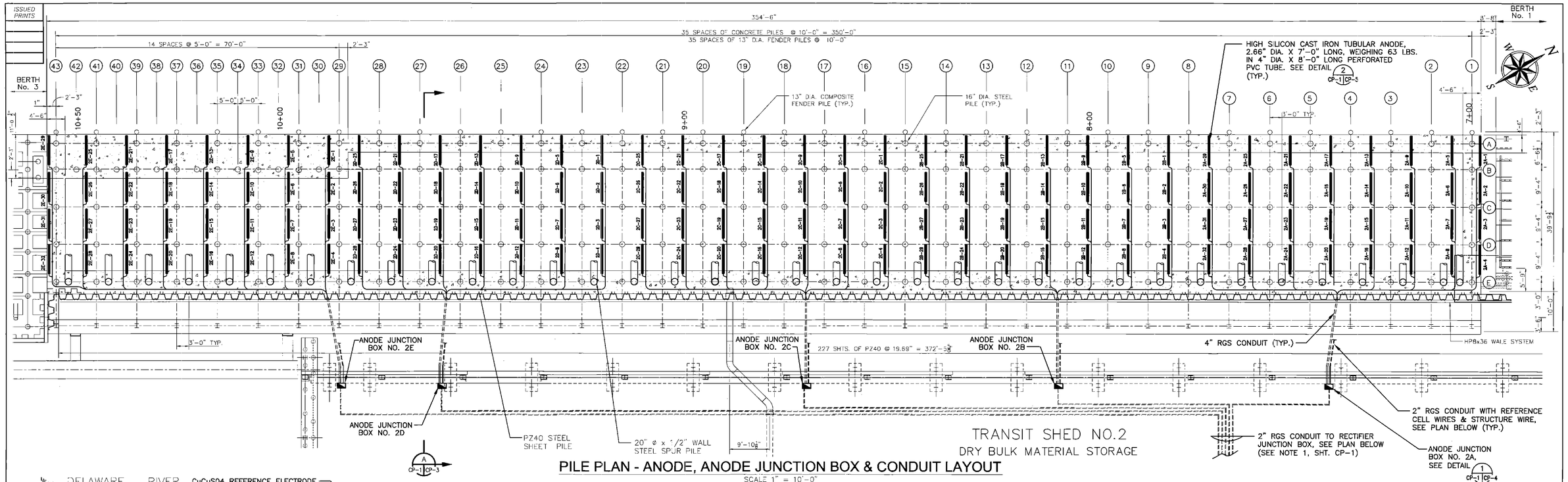
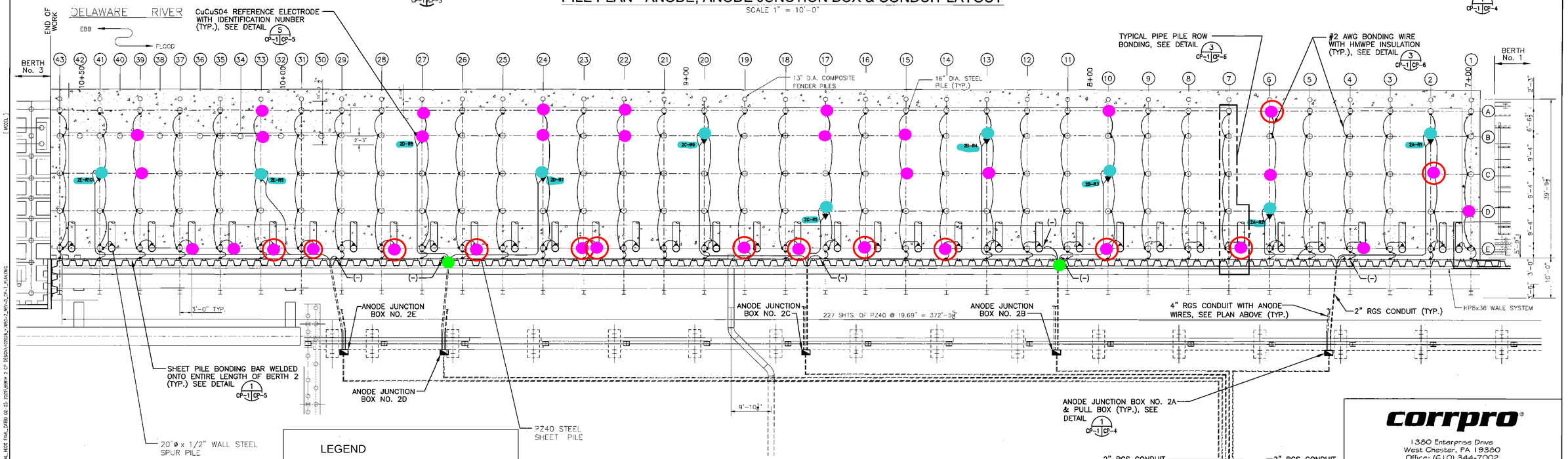
ISSUED PRINTS



PILE PLAN - ANODE, ANODE JUNCTION BOX & CONDUIT LAYOUT

SCALE 1" = 10'-0"



LEGEND

- BROKEN CAD WELDS
- WIRE PENETRATION THROUGH BULKHEAD
- REFERENCE ELECTRODE

PILE PLAN - RECTIFIER, RECTIFIER JUNCTION BOX, BOND BAR, BOND WIRES, STRUCTURE WIRES, REFERENCE WIRES & ELECTRODE LAYOUT

SCALE 1" = 10'-0"

NOTES:

1. ALL CONDUIT SHALL BE ROUTED AS DIRECTED BY OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINOUUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO SHEET CP-3.

SCALE IN FEET 5 0 5 10 1"=10'

NO.	DATE	BY	REVISIONS

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SOUTH JERSEY PORT CORPORATION

BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

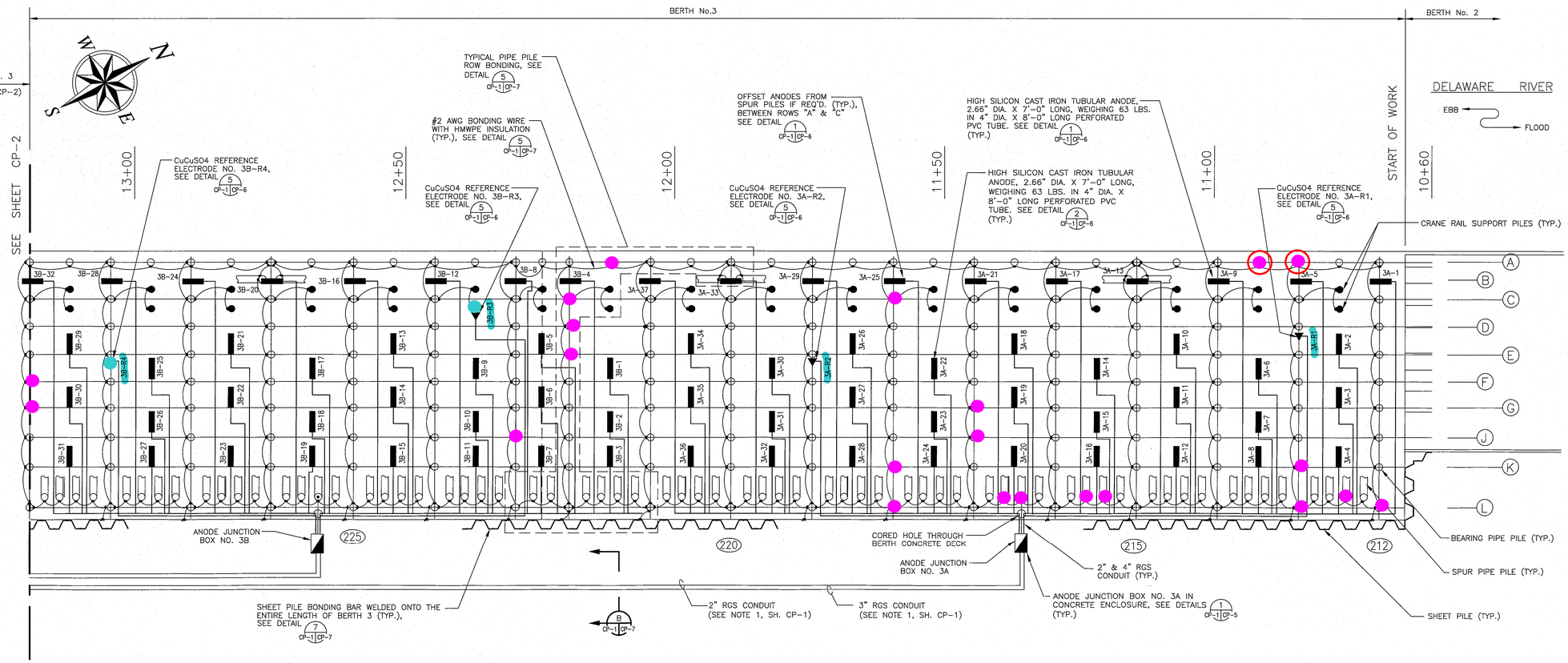
CATHODIC PROTECTION SYSTEM
BERTH 2

PLAN VIEW OF CP SYSTEM
ANODE REFERENCE ELECTRODE & BOND WIRE LAYOUT

DESIGNED BY:	A. MUJEEB	CORRPRO JOB NO.	402028
DRAWN BY:	K. KELLY	SCALE:	AS NOTED
CHECKED BY:	T. KENNEDY	SHEET	2 OF 7
APPROVED BY:	W. YOUNG	DWG. NO.	CP-1
DATE:	02/03/09	REV.	0

FILE: (00RRPRO) C:\NORPRAI REGION\UNDERCHAD\DRAWINGS\CURRY\SOUTH JERSEY PORT CORP\BECKETT II (EXTERNAL HOSE FINAL_DATED 02-03-2009)\BERTH 2 CP DESIGN\402028_1050-2_REV-0_CP-1_PLAN.DWG [40X30]

ISSUED PRINTS



LEGEND

- BROKEN CAD WELDS
- WIRE PENETRATION THROUGH BULKHEAD
- REFERENCE ELECTRODE

NOTES: (FOR PLAN VIEW)

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINOUUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO SHEET CP-4.

SCALE IN FEET
0 4 8 12 1/8"=1'-0"

NO.	DATE	BY	REVISIONS

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SOUTH JERSEY PORT CORPORATION

BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

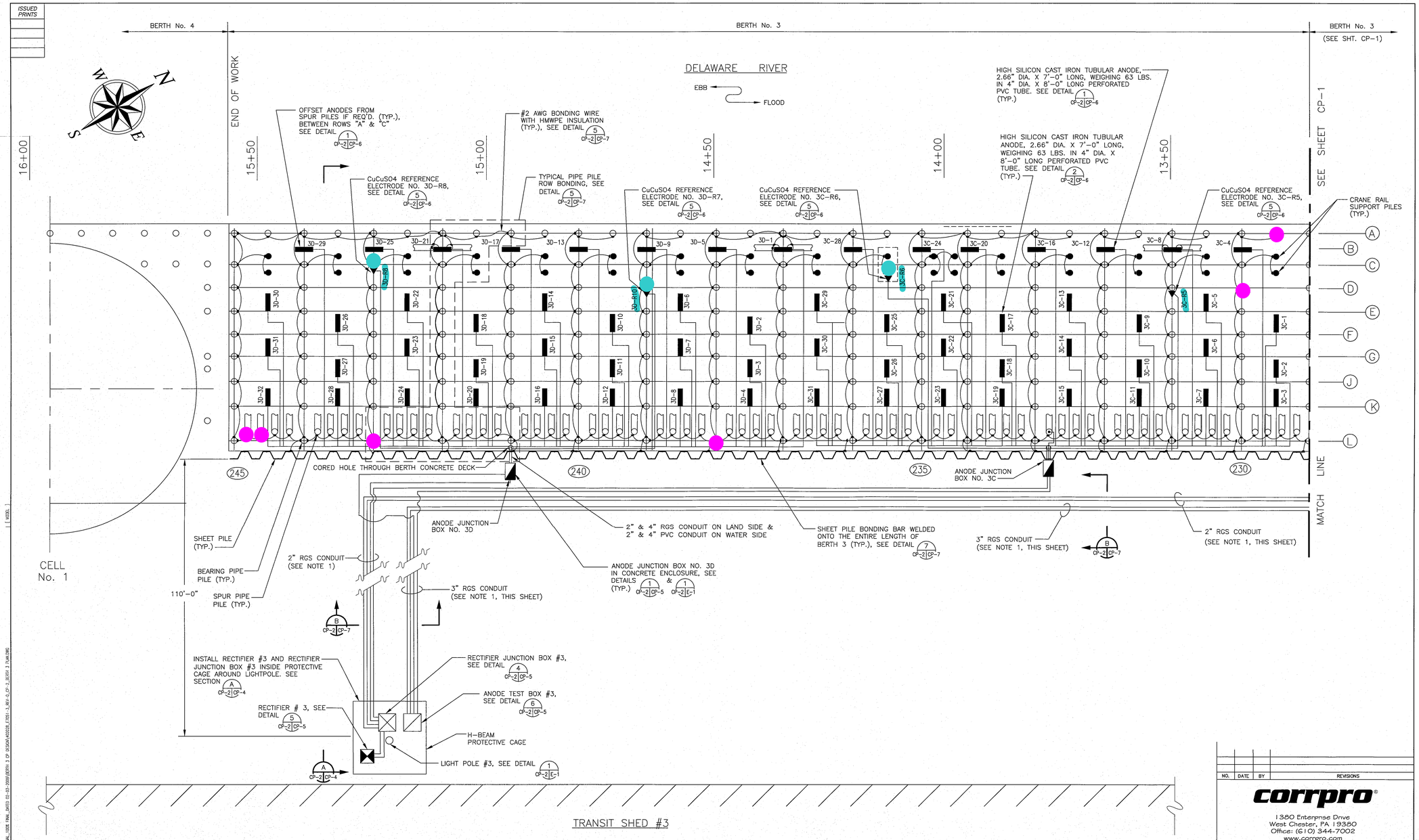
CATHODIC PROTECTION SYSTEM
BERTH 3

PLAN VIEW OF CP SYSTEM – SHT. 1

DESIGNED BY: A. MUJEEB	CORRPRO JOB NO. 402028		
DRAWN BY: K. KELLY	SCALE: 1/8"=1'-0"		
CHECKED BY: T. KENNEDY	SHEET 2 OF 10		
APPROVED BY: W. YOUNG	DWG. NO. CP-1	REV. 0	
DATE: 02/03/09			

FILE: C:\CORRPRO\ C:\NORTHEAST REGION\LNORELEMO\DRAWINGS\CLIENTS\SOUTH JERSEY PORT CORP\BECKETT TERMINAL, LOOS FINAL, DATED 02-03-2009\BERTH 3 CP DESIGN\402028_ETP01-2_REV-0_CP-1_BERTH 3 PLAN.DWG

ISSUED PRINTS



LEGEND

- BROKEN CAD WELDS
- WIRE PENETRATION THROUGH BULKHEAD
- REFERENCE ELECTRODE

NOTES: (FOR SITE PLAN)

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINOUUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO SHEET CP-4.
4. LOCATE RECTIFIER, RECTIFIER JUNCTION BOX AND ANODE TEST BOX PER OWNER'S DIRECTION.

SCALE IN FEET
0 4 8 12
1/8"=1'-0"

NO.	DATE	BY	REVISIONS

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SOUTH JERSEY PORT CORPORATION

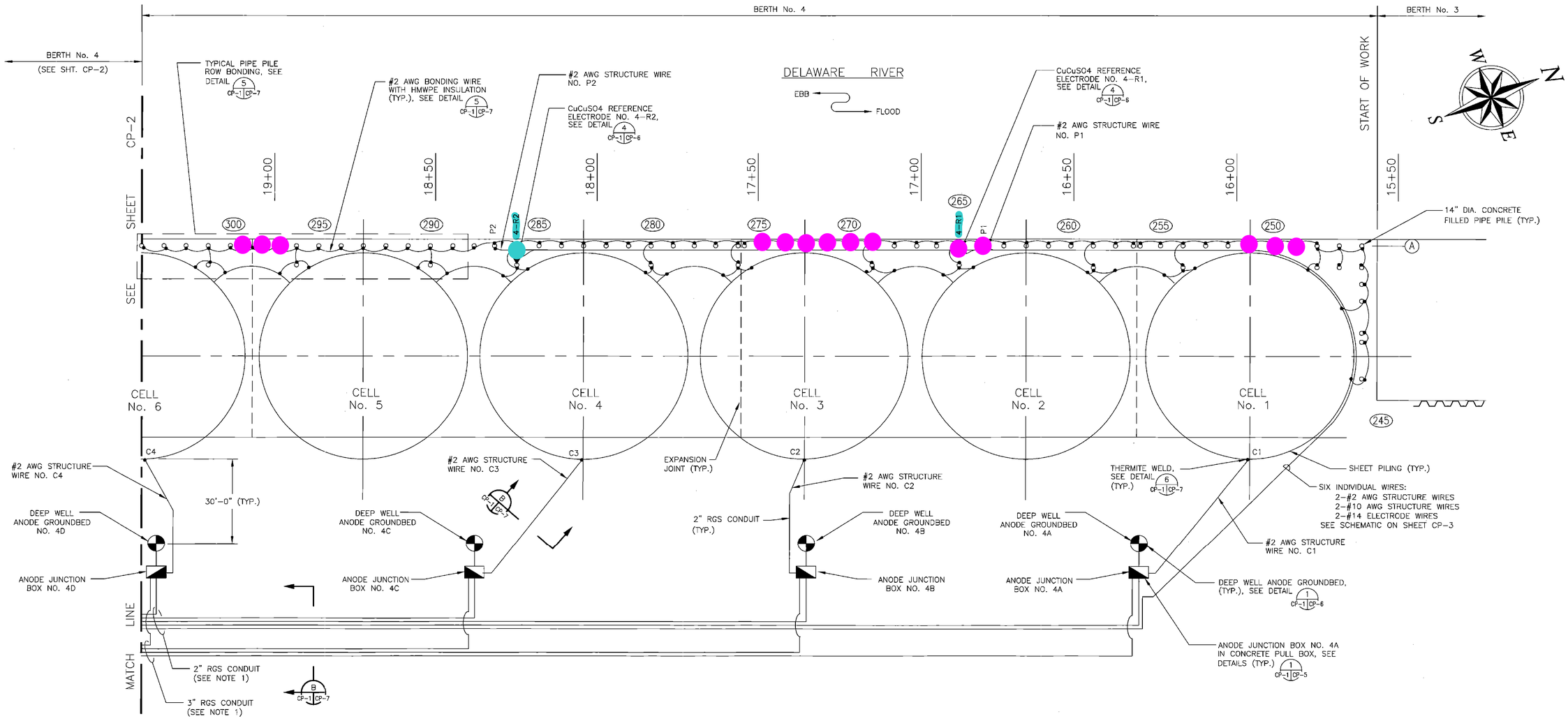
BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

CATHODIC PROTECTION SYSTEM
BERTH 3

PLAN VIEW OF CP SYSTEM – SHT. 2

DESIGNED BY: A. MUJEEB		CORRPRO JOB NO. 402028	
DRAWN BY: K. KELLY		SCALE: 1/8"=1'-0"	
CHECKED BY: T. KENNEDY		SHEET 3 OF 10	
APPROVED BY: W. YOUNG		DWG. NO. CP-2	REV. 0
DATE: 02/03/09			

ISSUED PRINTS



NOTES: (FOR SITE PLAN)

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINUOUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO DRAWING NUMBER CP-4.
4. FOR ALL WIRING LAYOUT REFER TO DRAWING NUMBER CP-3.

LEGEND

- BROKEN CAD WELDS
- WIRE PENETRATION THROUGH BULKHEAD
- REFERENCE ELECTRODE

SCALE IN FEET
0 15 30
1"=15'

NO.	DATE	BY	REVISIONS

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SOUTH JERSEY PORT CORPORATION

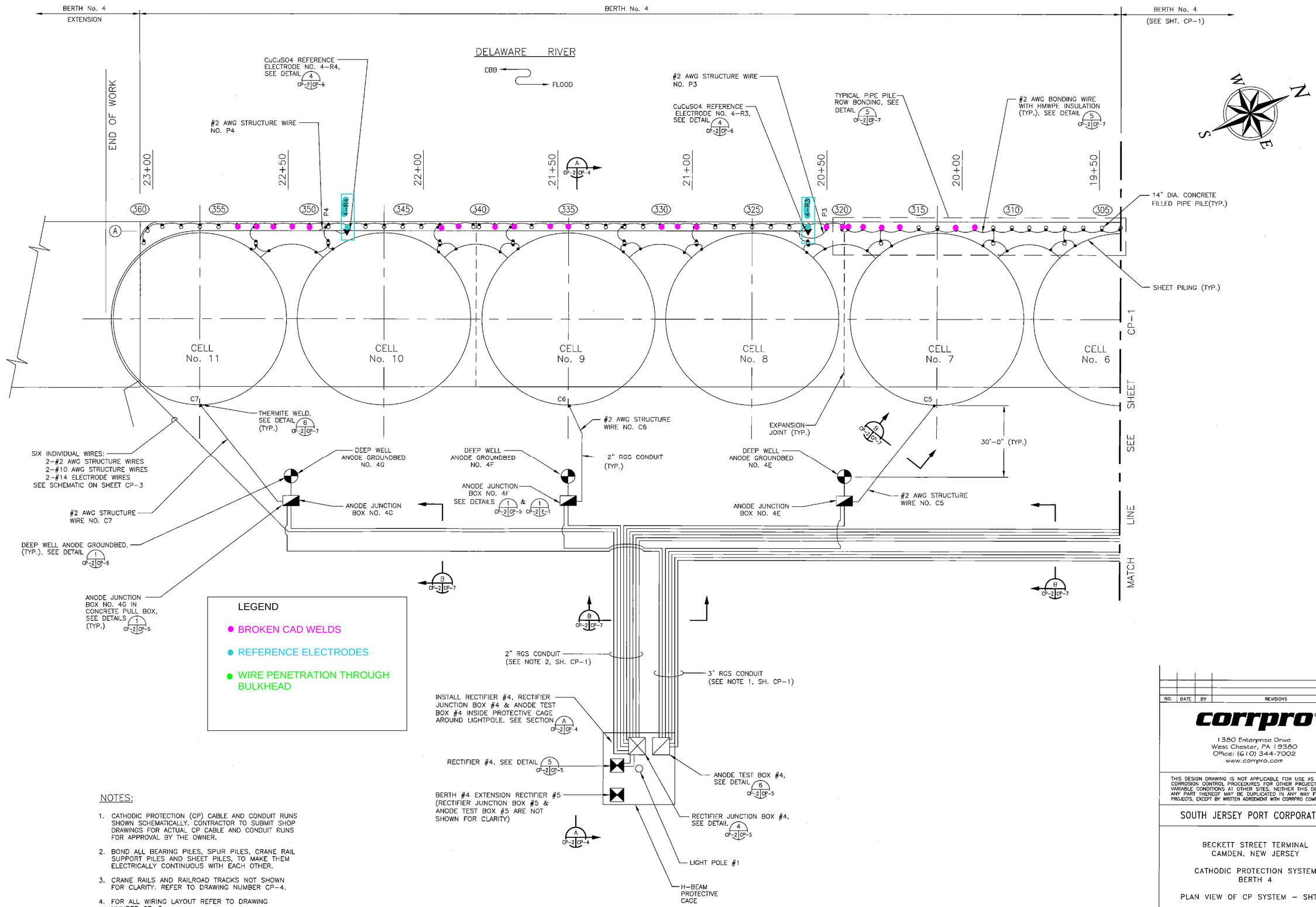
BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

CATHODIC PROTECTION SYSTEM
BERTH 4

PLAN VIEW OF CP SYSTEM – SHT. 1

DESIGNED BY:	A. MUJEEB	CORRPRO JOB NO. 402028	
DRAWN BY:	K. KELLY	SCALE: 1"=15'-0"	
CHECKED BY:	T. KENNEDY	SHEET 2 OF 10	
APPROVED BY:	W. YOUNG	DWG. NO. CP-1	REV. 0
DATE:	02/03/09		

ISSUED PRINTS



NOTES:

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINUOUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO DRAWING NUMBER CP-4.
4. FOR ALL WIRING LAYOUT REFER TO DRAWING NUMBER CP-3.
5. LOCATE RECTIFIERS, RECTIFIER JUNCTION BOXES AND ANODE TEST BOXES PER OWNER'S DIRECTION.

NO.	DATE	BY	REVISIONS

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SOUTH JERSEY PORT CORPORATION

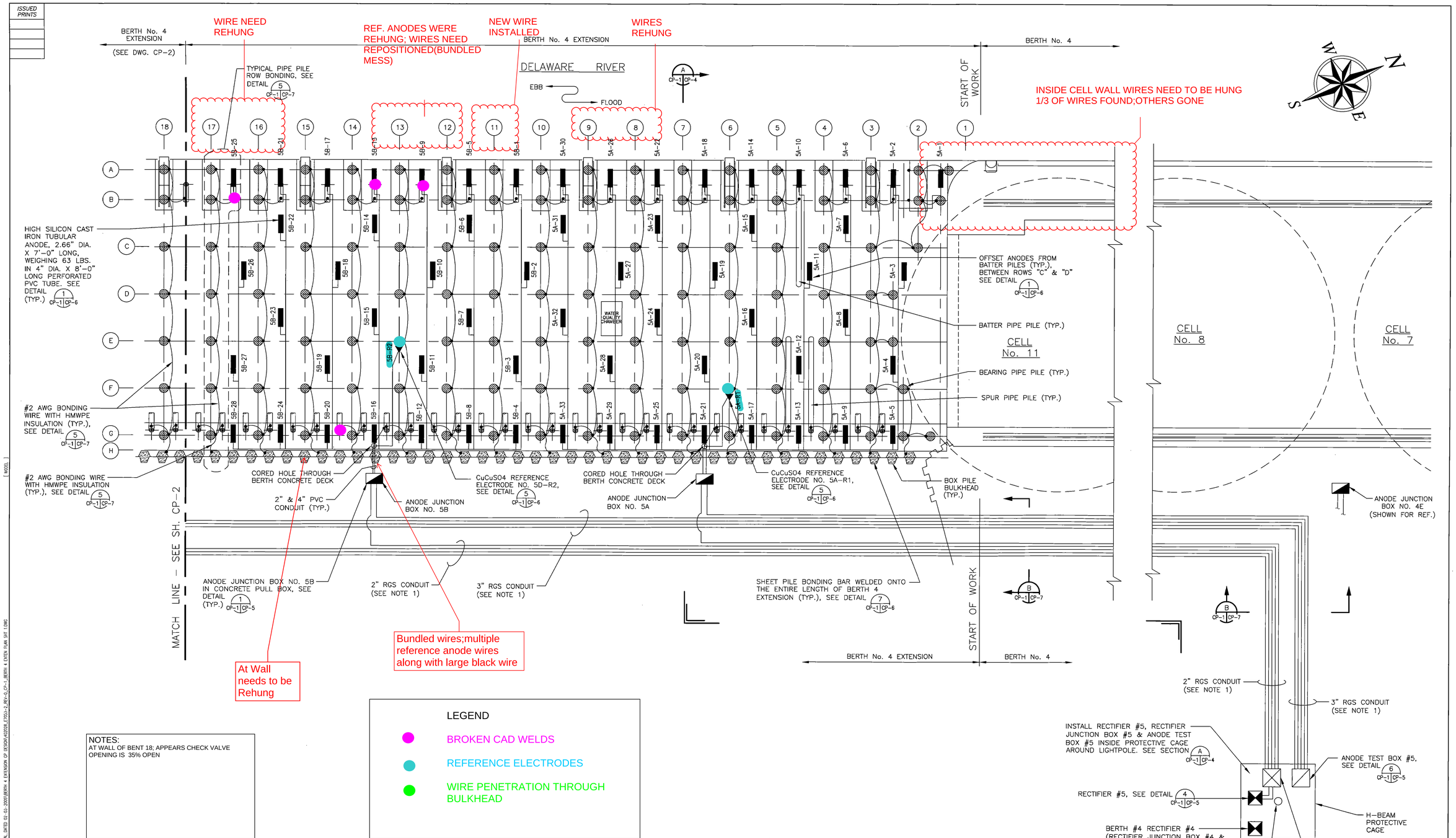
BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

CATHODIC PROTECTION SYSTEM
BERTH 4

PLAN VIEW OF CP SYSTEM – SHT. 2

DESIGNED BY: A. MUJEEB	CORRPRO JOB NO. 402023		
DRAWN BY: K. KELLY	SCALE: 1"=15'-0"		
CHECKED BY: T. KENNEDY	SHEET 3 OF 10		
APPROVED BY: W. YOUNG	DWG. NO. CP-2	REV. 0	
DATE: 02/03/09			

ISSUED PRINTS



NOTES:
AT WALL OF BENT 18; APPEARS CHECK VALVE OPENING IS 35% OPEN

LEGEND

- BROKEN CAD WELDS
- REFERENCE ELECTRODES
- WIRE PENETRATION THROUGH BULKHEAD

NOTES: (FOR SITE PLAN)

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BEARING PILES, SPUR PILES, CRANE RAIL SUPPORT PILES AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINUOUS WITH EACH OTHER.
3. CRANE RAILS AND RAILROAD TRACKS NOT SHOWN FOR CLARITY. REFER TO SHEET CP-4.

SCALE IN FEET
0 4 8 12 1/8"=1'-0"

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SOUTH JERSEY PORT CORPORATION

BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

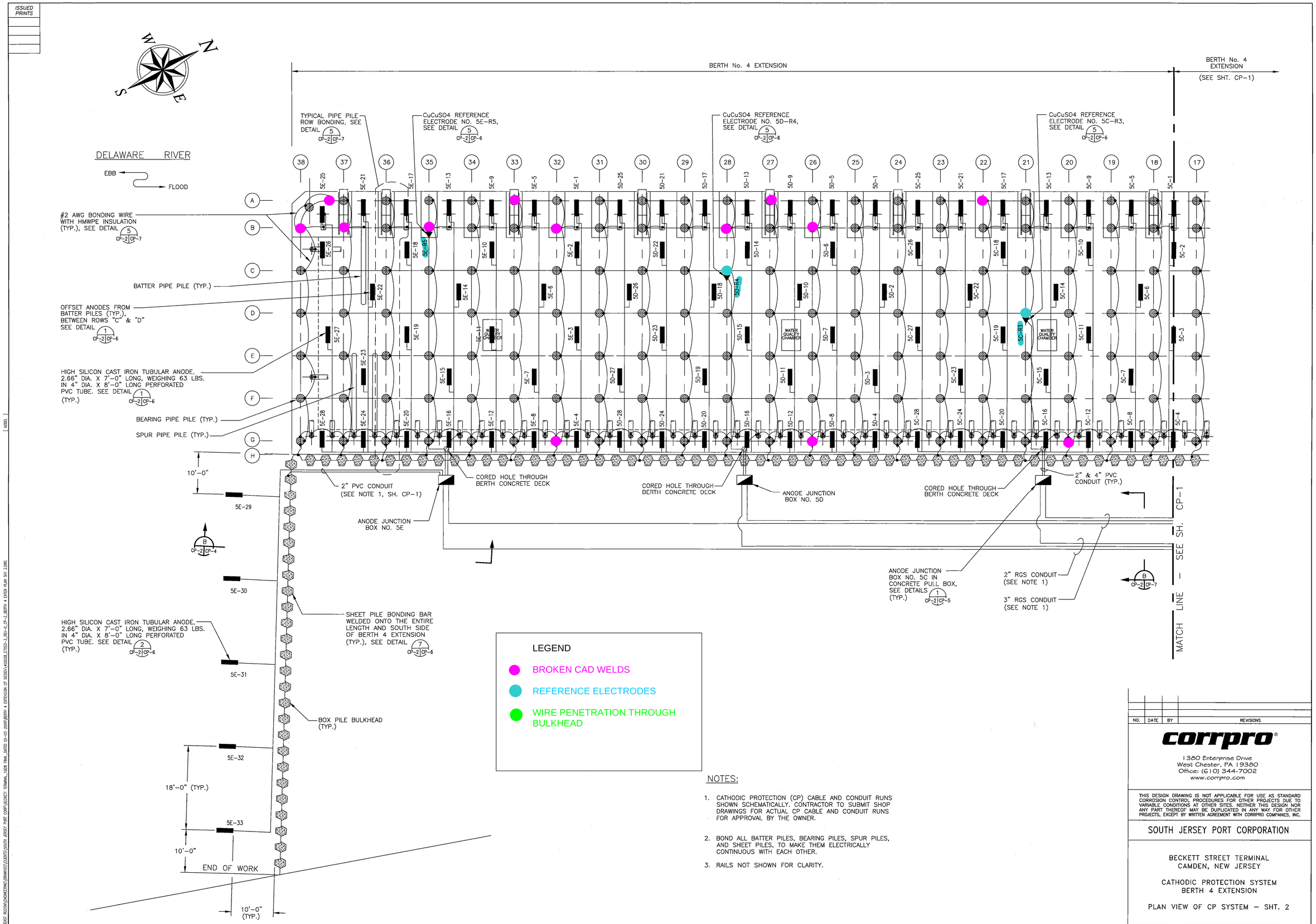
CATHODIC PROTECTION SYSTEM
BERTH 4 EXTENSION

PLAN VIEW OF CP SYSTEM – SHT. 1

DESIGNED BY:	A. MUJEEB	CORRPRO JOB NO.	402028
DRAWN BY:	K. KELLY	SCALE:	1/8"=1'-0"
CHECKED BY:	T. KENNEDY	SHEET	2 OF 9
APPROVED BY:	W. YOUNG	DWG. NO.	CP-1
DATE:	02/03/09	REV.	0

FILE: (CORPRO)

ISSUED PRINTS



NOTES:

1. CATHODIC PROTECTION (CP) CABLE AND CONDUIT RUNS SHOWN SCHEMATICALLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ACTUAL CP CABLE AND CONDUIT RUNS FOR APPROVAL BY THE OWNER.
2. BOND ALL BATTER PILES, BEARING PILES, SPUR PILES, AND SHEET PILES, TO MAKE THEM ELECTRICALLY CONTINUOUS WITH EACH OTHER.
3. RAILS NOT SHOWN FOR CLARITY.

SCALE IN FEET 0 4 8 12 1/8"=1'-0"

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SOUTH JERSEY PORT CORPORATION

BECKETT STREET TERMINAL
CAMDEN, NEW JERSEY

CATHODIC PROTECTION SYSTEM
BERTH 4 EXTENSION

PLAN VIEW OF CP SYSTEM – SHT. 2

DESIGNED BY: A. MUJEEB	CORRPRO JOB NO. 402028		
DRAWN BY: K. KELLY	SCALE: 1/8"=1'-0"		
CHECKED BY: T. KENNEDY	SHEET 3 OF 9		
APPROVED BY: W. YOUNG	DWG. NO. CP-2	REV. 0	
DATE: 02/03/09			

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