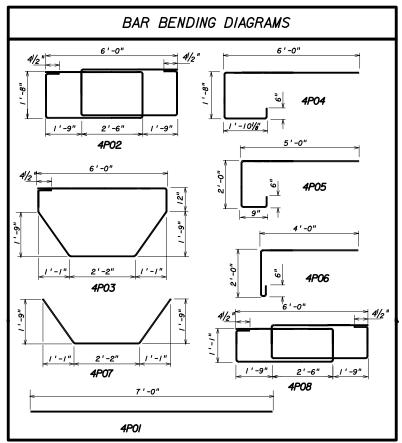


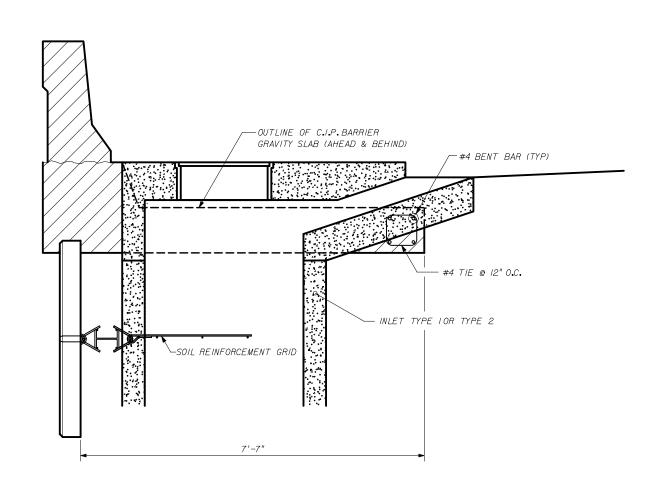
- 5. STEEL FOR JUNCTION BOXES SHALL CONFORM WITH ASTM-A36. THE BOXES SHALL BE HOT DIP GALVANIZED AFTER FABRICATION. IN LIEU OF STEEL BOXES THE CONTRACTOR MAY SUBMIT FOR APPROVAL MOLDED P.V.C. BOXES (SCHEDULE 80).
- 6. ALL CONDUITS SHALL BE RIGID GALVANIZED STEEL OR SCHEDULE 80 P.V.C.
- 7. THE COST OF ANCHOR BOLTS SHALL BE INCLUDED IN THE BID PRICE FOR
- 8. PAYMENT: THE COST OF ALL LABOR, CONCRETE AND REINFORCING STEEL REQUIRED FOR THE CONSTRUCTION OF THE PILASTERS AND ALL CONDUITS. EXPANSION COUPLINGS, JUNCTION BOXES AND MISCELLANEOUS HARDWARE REQUIRED FOR COMPLETION OF THE ELECTRICAL INSTALLATION WITHIN THE LIMITS SHOWN ON THIS SHEET, SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR THE MSE WALLS.



BILL OF REINFORCING STEEL						
MARK	SIZE	NO. REQ'D	LENGTH			
4P0I	4	6	7'-0"			
4P02	4	2	24'-5"			
4P03	4	1	/4'-9 <b>"</b>			
4P04	4	4	9'-8"			
4P05	4	2	7'-//"			
4P06	4	2	6'-2"			
4P07	4	2	6'-4"			
4P08	4	3	22'-1"			

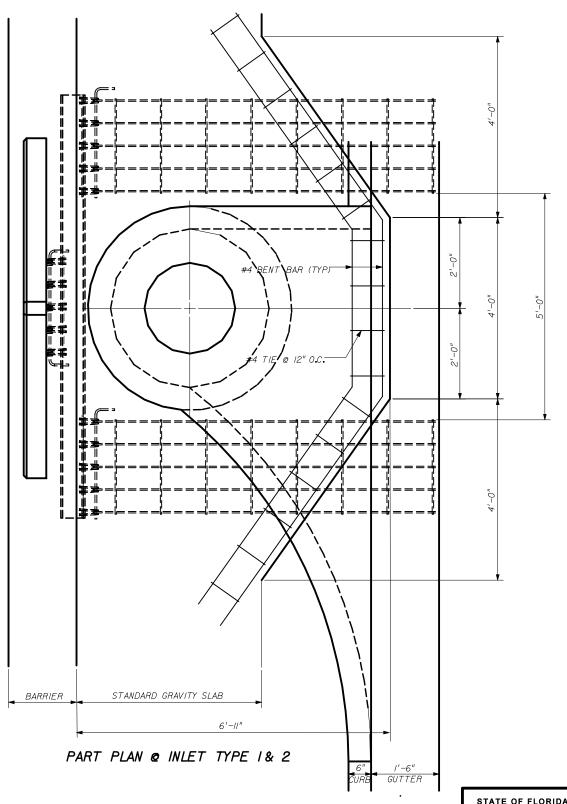
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	Names	Dates	Approve	'u by /' ) . ´ )	121	
Designed By	J MC	10/01/98	State Structures Design Engineer			
Drawn By	CAA	10/01/98	Revision	Sheet No.	Index No.	
Checked By	J MC	10/01/98	04	II of 20	5012	



PART SECTION @ INLET TYPE 1 & 2

NOTE: GRID RELOCATION HARDWARE, SEE SHEET 13 OF 20 FOR DETAILS



GRAVITY SLAB AT INLET TYPE 1 & 2

DESIGNER:

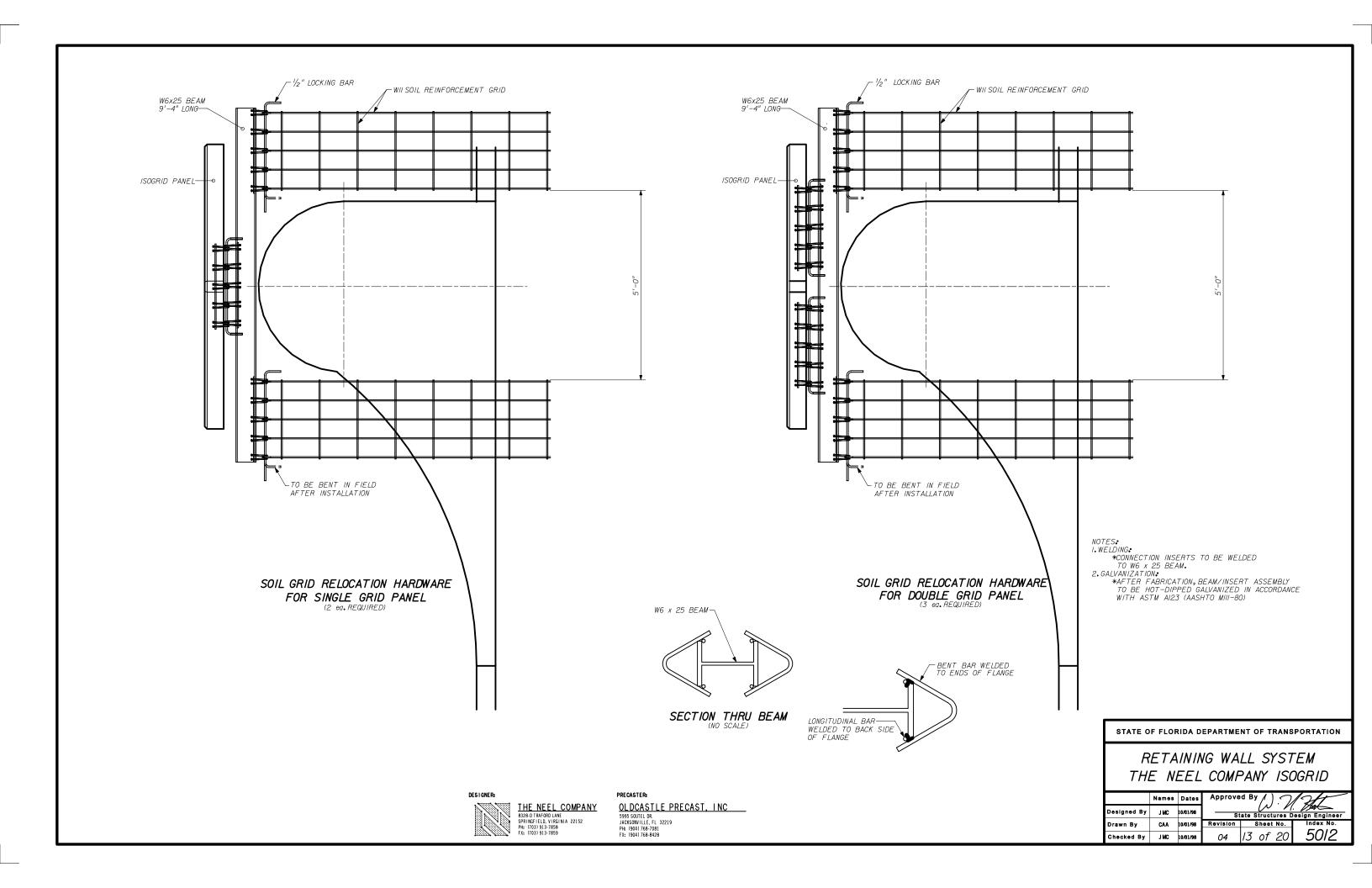
THE NEEL COMPANY
8328-0 TRAFORD LANE
SPRINGFIELD, VIRGINIA 22152
PH: 1703 1913-7858
FX: 17031 913-7859

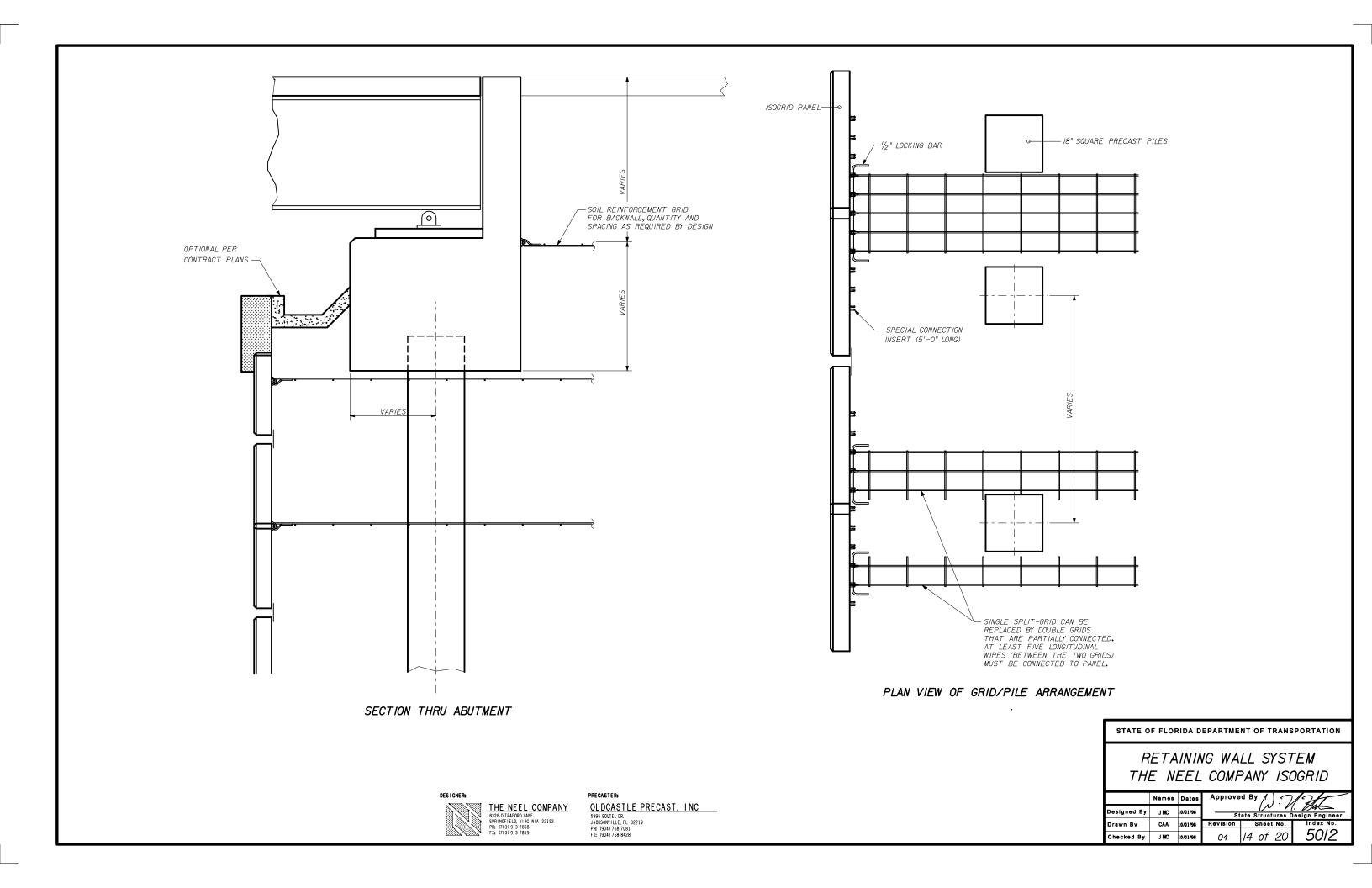
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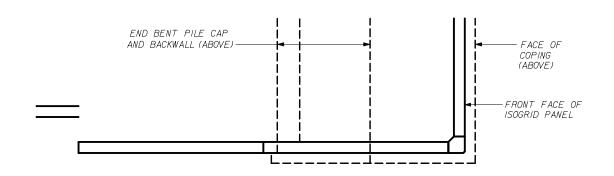
OLDCASTLE PRECAST, INC

5995 SOUTEL DR. JACKSONVILLE, FL 32219 PH: (904) 768-7081 FX: (904) 768-8428 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

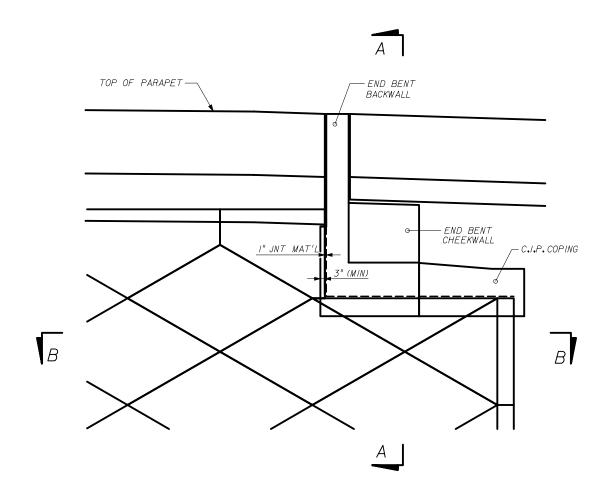
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Drawn By	CAA	10/01/98	Revision	Sheet No.	Index No.	
Checked By	JMC	10/01/98	04	12 of 20	5012	







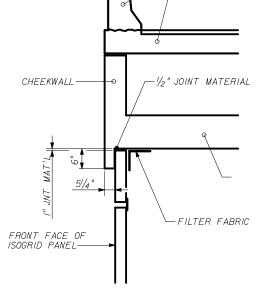
SECTION B-B STEM / END BENT PILE INTERFACE



PART ELEVATION SHOWING WINGWALL / END BENT INTERFACE

DESIGNER:





\_BRIDGE RAILING AND DECK

SECTION A-A SECTION THRU PILE CAP

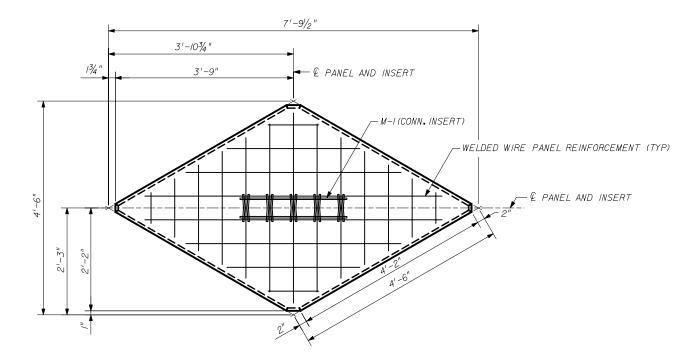
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RETAINING WALL SYSTEM THE NEEL COMPANY ISOGRID

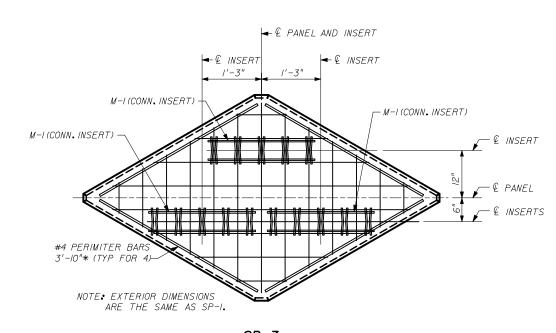
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Drawn By	CAA	10/01/98	Revision	Sheet No.	Index No.	
Checked By	J MC	10/01/98	04	15 of 20	5012	

# OLDCASTLE PRECAST, INC 5995 SOUTEL DR. JACKSONYLLE, FL 32219 Pt: 19041 768-7081 FX: 19041 768-8428

PRECASTER:



SP-1 FULL-SIZE PANEL - ONE GRID ELEVATION (REAR FACE)



SP-3

FULL-SIZE PANEL - THREE GRIDS

ELEVATION (REAR FACE)

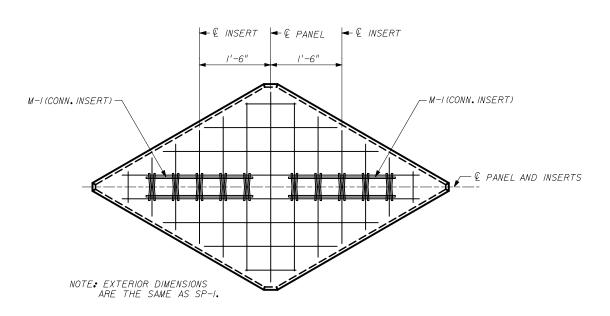
#### DESIGNER:



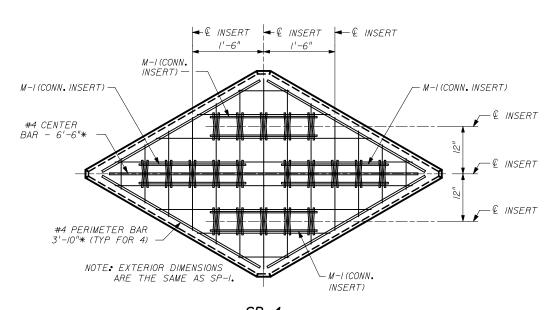
#### PRECASTER:

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5995 SOUTEL DR.
JACKSONVILLE, FI. 32219
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FX: 19041 768-8428

NOTE: FOR MATERIALS NOTES, SEE SHEET 2.



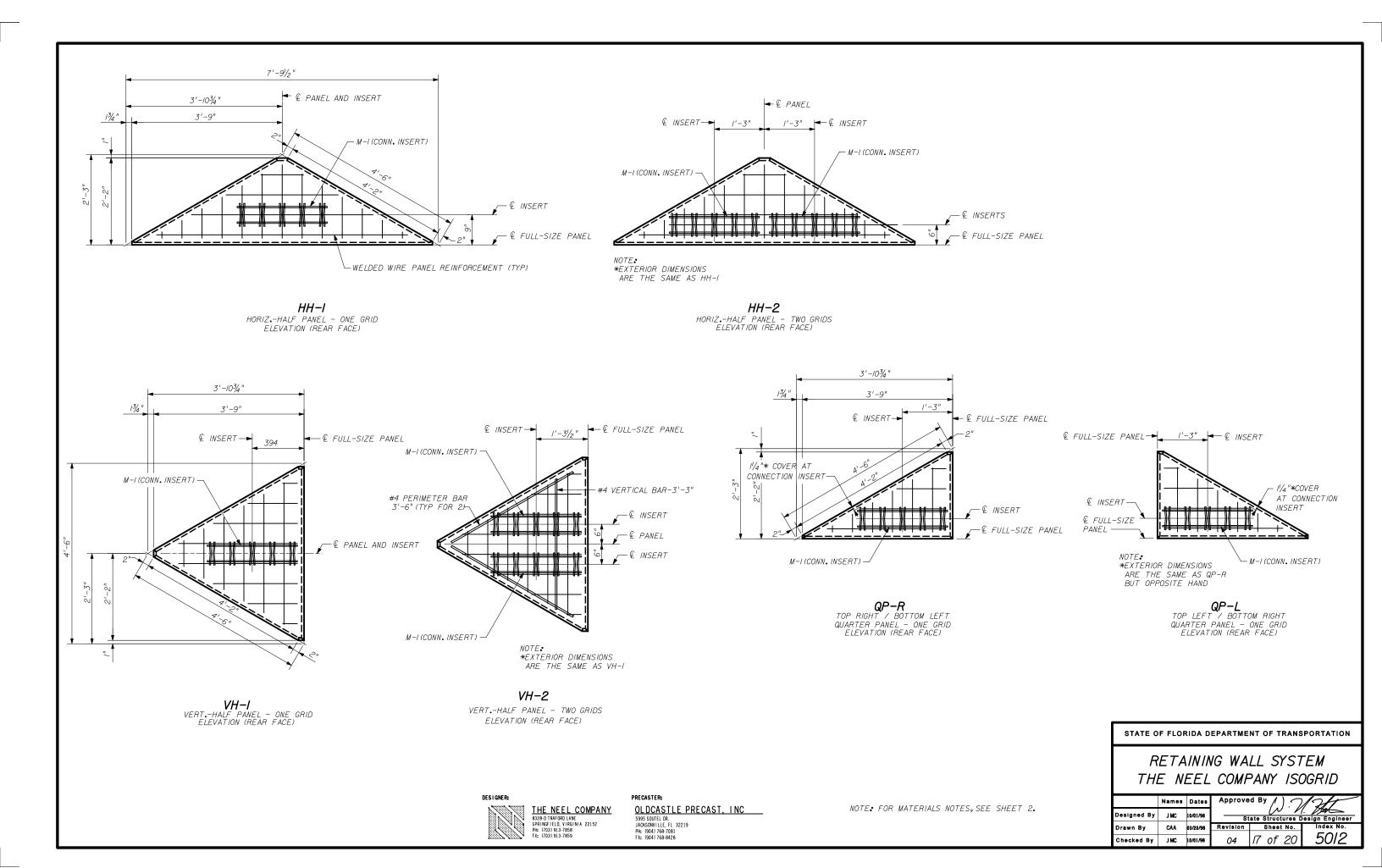
SP-2
FULL-SIZE PANEL - TWO GRIDS
ELEVATION (REAR FACE)

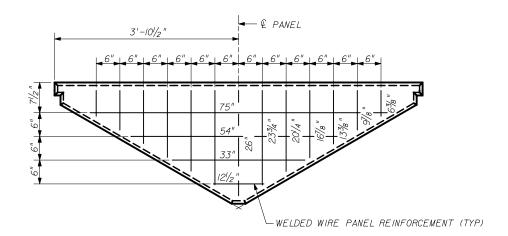


SP-4
FULL-SIZE PANEL - FOUR GRIDS
ELEVATION (REAR FACE)

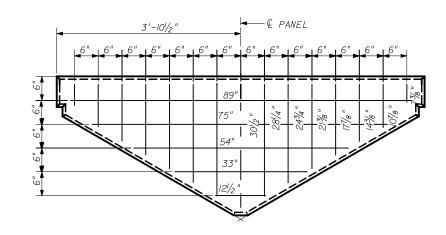
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	Names	Dates	Approve	d By / )	12/
Designed By	J MC	10/01/98	St	ate Structures D	esign Engineer
Drawn By	CAA	10/01/98	Revision	Sheet No.	Index No.
Checked By	J MC	10/01/98	04	16 of 20	5012

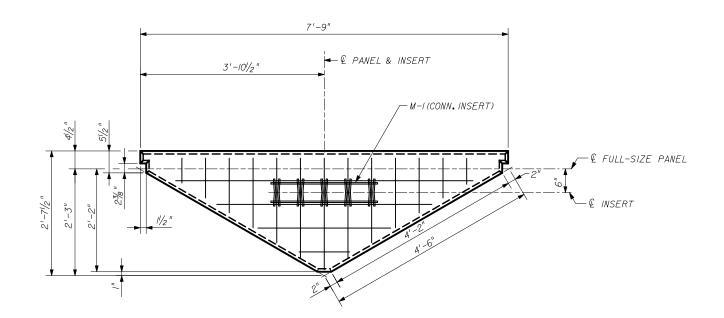




WELDED WIRE MESH PANEL REINFORCEMENT - X-I PANEL ELEVATION (REAR FACE)

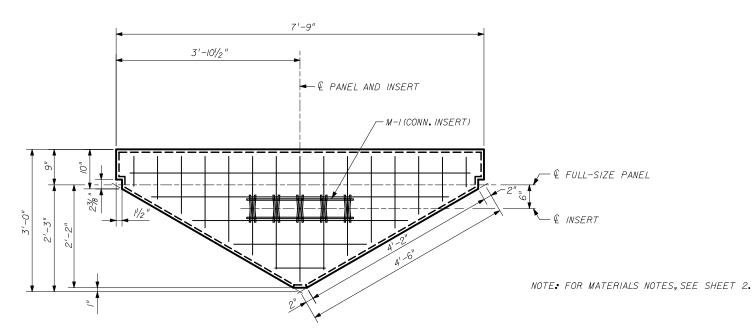


WELDED WIRE MESH PANEL REINFORCEMENT - X-2 PANEL ELEVATION (REAR FACE)



4/2" RISER - ONE GRID

### ELEVATION (REAR FACE)



X-2 9" RISER PANEL - ONE GRID ELEVATION (REAR FACE)

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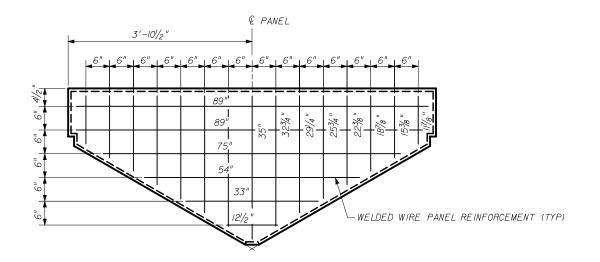
OLDCASTLE PRECAST, INC
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FX: 19041 768-8428

DESIGNER:

THE NEEL COMPANY
8328-D TRAFORD LANE
PRI NGF | ELD, VI RG INI A 22152
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FX: (703) 913-7859

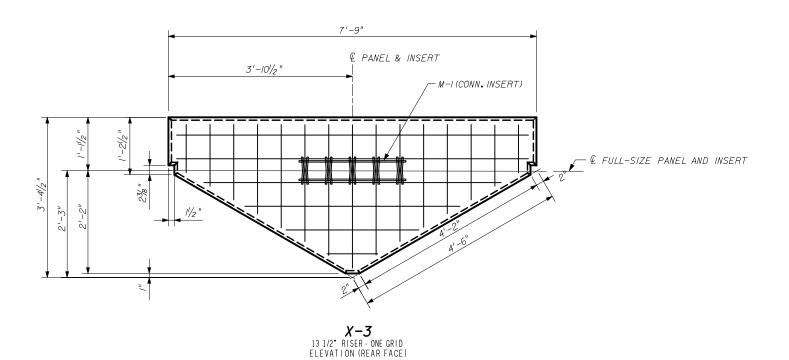
Names Dates Designed By JMC 10/01/98 CAA 10/01/98 Checked By JMC 10/01/98 04 | 18 of 20

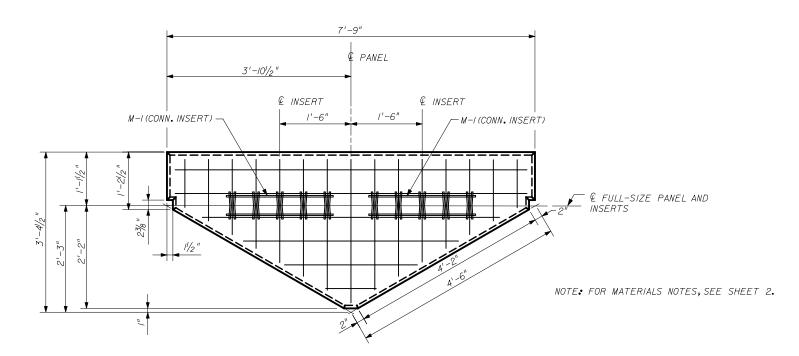
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WELDED WIRE MESH PANEL REINFORCEMENT - X-3 AND X-3(2) PANELS

ELEVATION (REAR FACE)





**X-3 (2)** 13 1/2" RISER – TWO GRIDS ELEVATION (REAR FACE)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

RETAINING WALL SYSTEM
THE NEEL COMPANY ISOGRID

Designed By JMC 16/01/98 Approved By State Structures Design Engineer

Revision Sheet No. Index No.

Checked By JMC 16/01/98 04 /9 of 20 50/2

DESIGNER:

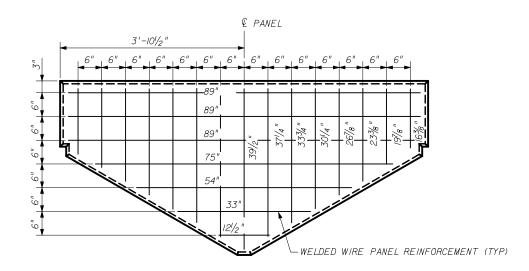


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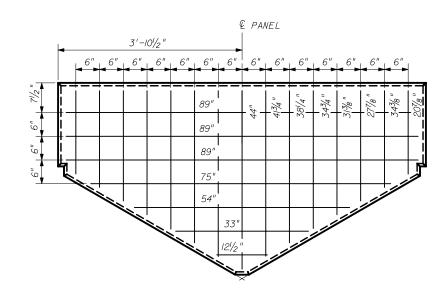
PRECASTER:

OLDCASTLE PRECAST, INC

5995 SOUTEL DR.
JACKSONVILLE, FL 32219
PH: (904) 768-7081
FX: (904) 768-8428



## WELDED WIRE MESH PANEL REINFORCEMENT - X-4 PANEL ELEVATION (REAR FACE)



WELEDE WIRE MESH PANEL REINFORCEMENT - X-5 PANEL ELEVATION (REAR FACE)





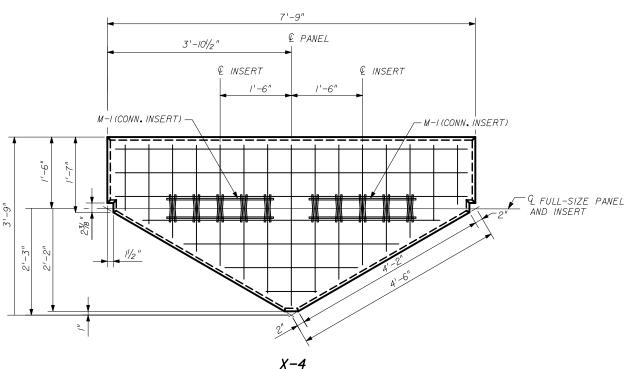
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OLDCASTLE PRECAST, INC

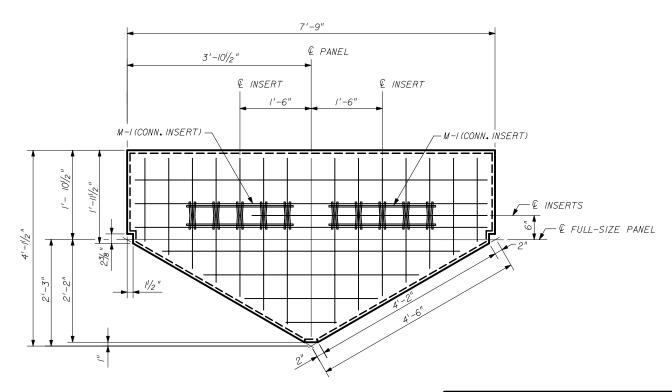
5995 SOUTEL DR.
JACKSOWILLE, FL 32219
PH: 1904) 768-7081
FX: 1904) 768-8428

LE PRECASI. INC

NOTE: FOR MATERIALS NOTES, SEE SHEET 2.



**X-4** 18" RISER - TWO GRIDS ELEVATION (REAR FACE)



X−5 22½" RISER - TWO GRIDS ELEVATION (REAR FACE)

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

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Drawn By CAA 10/01/98 Revision	Sheet No.	Index No.		
Checked By JMC 10/01/98 04	20 of 20	5012		