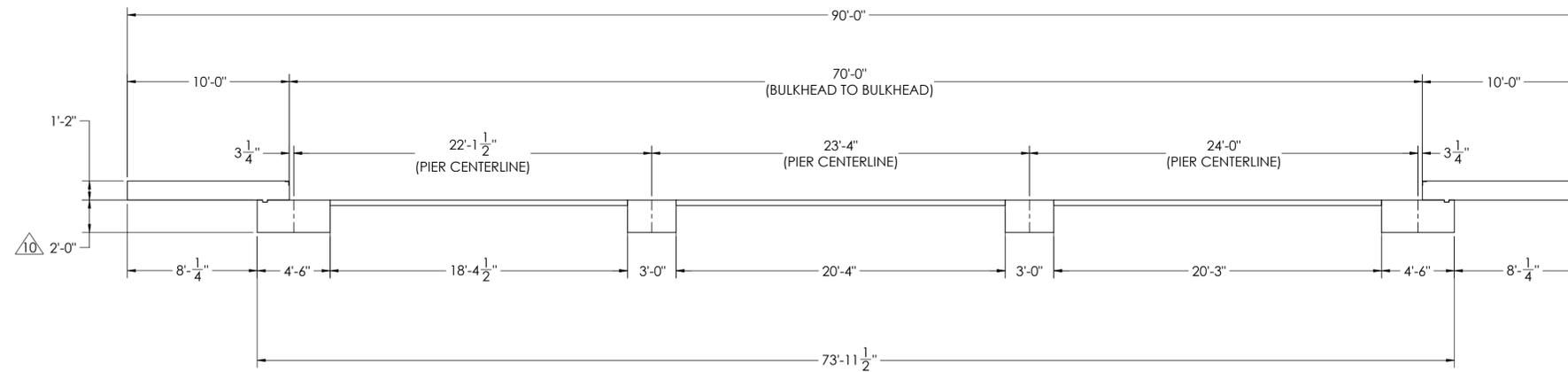
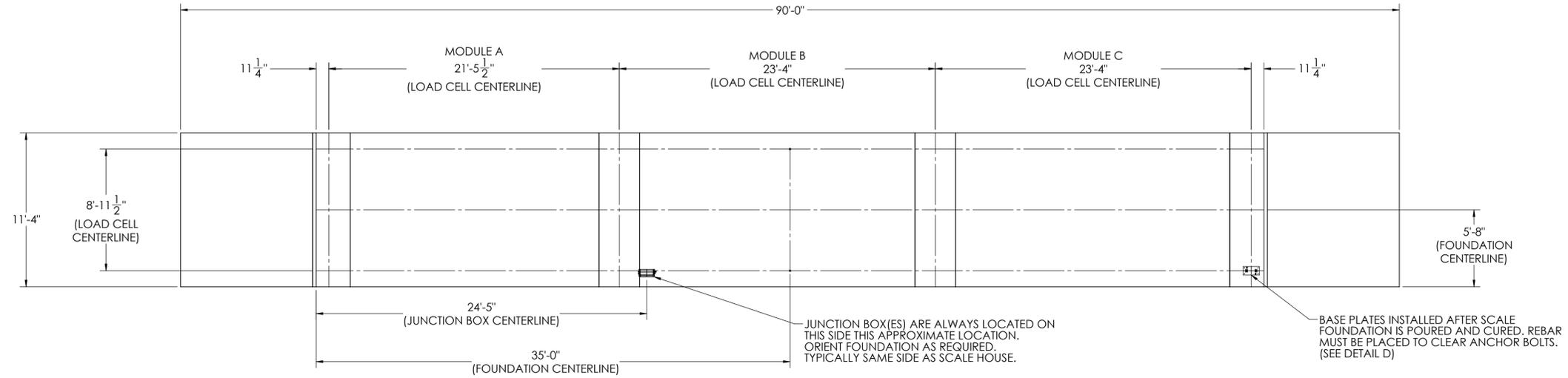


# DETAILS

REV.	ECO	REVISION DESCRIPTION	INIT	DATE
A	-	ENGINEERING RELEASE	SPJ	12/28/2020



## NOTES:

- 1) CONCRETE:  $f_c = 3000$  PSI @ 28 DAYS.
- 2) REINFORCING STEEL: DEFORMED BARS ASTM A615 GRADE 60.
- 3) STATE AND LOCAL AGENCIES MAY HAVE VARIOUS REQUIREMENTS FOR APPROACH RAMP LENGTH, PITCH, AND FOR CLEAN OUT HEIGHT. PLEASE CHECK WITH ALL AGENCIES PRIOR TO CONSTRUCTION.
- 4) MONOLITHIC POUR IS ALLOWED AT CONTRACTOR'S DISCRETION.
- 5) DEVELOP AND MAINTAIN SITE GRADES WHICH WILL RAPIDLY DRAIN SURFACE AND ROOF RUN-OFF AWAY FROM FOUNDATION.
- 6) FOOTINGS HAVE BEEN DESIGNED FOR A MINIMUM SOIL PRESSURE OF 2500 PSF, IT WILL BE THE RESPONSIBILITY OF OTHERS TO VERIFY THIS VALUE.
- 7) WHERE REINFORCING BARS ARE SHOWN CONTINUOUS, LAP SPLICE BARS 40 DIAMETERS.
- 8) APPROACHES TO BE A COMMON PLANE WITHIN 1/4".

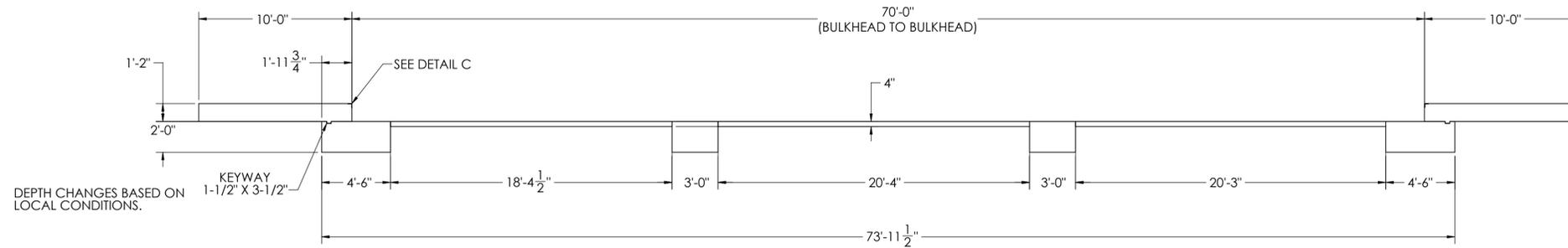
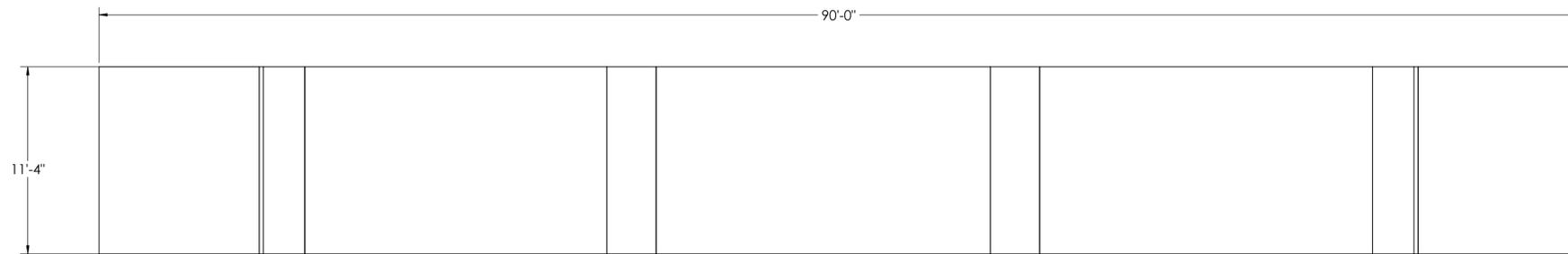
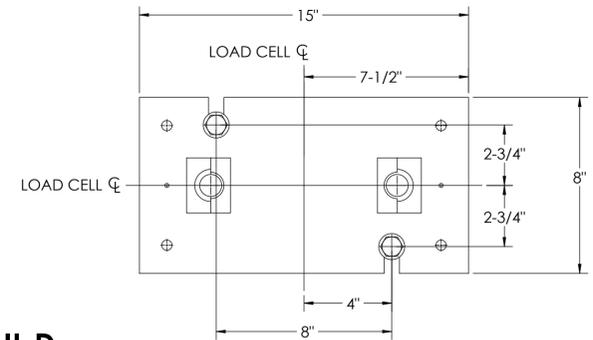
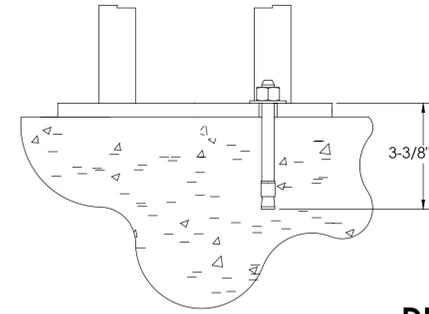
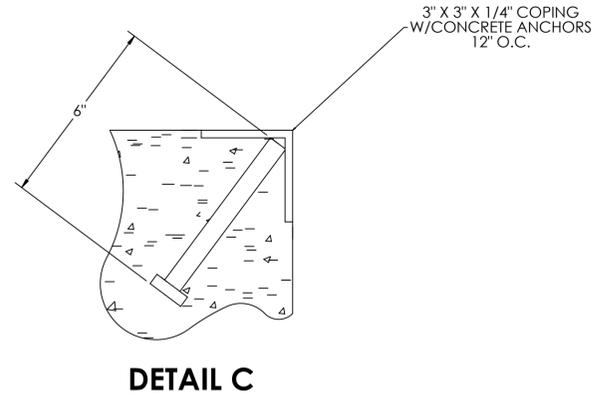
- △ APPROACH THICKNESS MAY BE 10" MINIMUM WHERE ALLOWED BY STATE REGULATIONS
- △ FOUNDATION MUST EXTEND A MINIMUM OF 12" BELOW THE FROST PENETRATION LINE

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NUMBER OF CRANES: 0	DO NOT SCALE DRAWING	UNLESS OTHERWISE SPECIFIED UNITS TO BE INCHES ALL THREADS TO BE CLASS 2 ALL DIMENSIONS APPLICABLE AFTER TREATMENT	
MINIMUM CRANE CAPACITY: 0	SURFACE FINISH	FOUNDATION, CONCRETE PIER 70' X 11' LOPRO OTR SERIES TRUCK SCALE	
ESTIMATED WEIGHT (POUNDS): 0	TOLERANCES UNLESS OTHERWISE SPECIFIED .XX: ± .XXX: ± ANGLE: ±	SCALE: 1:60	SHEET: 1 OF 3 MATERIAL: 204214 REV: A

# CONCRETE LAYOUT

CONCRETE SCHEDULE		
	VOLUME (CUBIC YARDS)	
APPROACHES	9.8	
CLEANOUT	8.3	
PIERS	12.6	
TOTAL	38.9	
MISC. STEEL		
PIT COPING	3 X 3 X 1/4	23 LN. FT 113 LBS

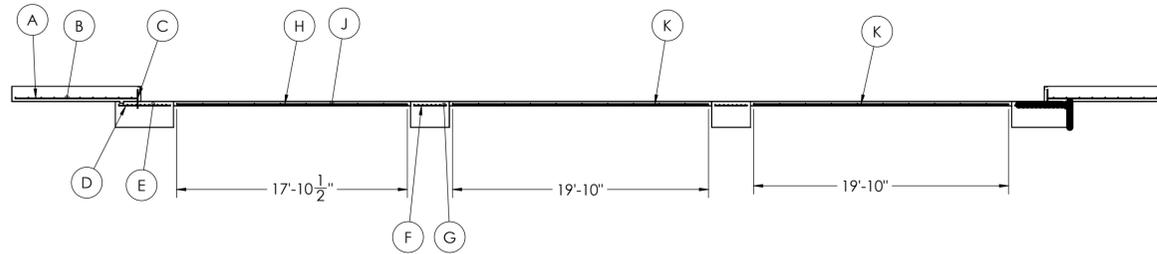
VOLUME SHOWN FOR STATED PIER DEPTH.  
ADD ADDITIONAL CONCRETE FOR  
DEEPER PIERS AS NEEDED.



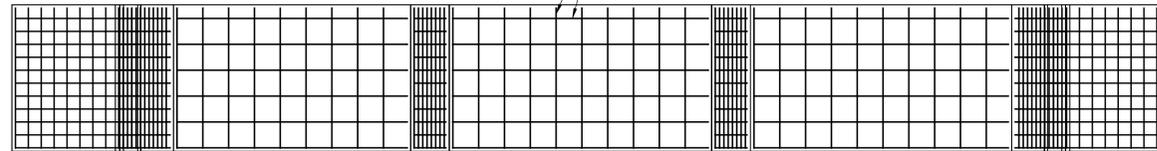
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TREATMENT NONE	<small>UNLESS OTHERWISE SPECIFIED UNITS TO BE INCHES ALL THREADS TO BE CLASS 2 ALL DIMENSIONS APPLICABLE AFTER TREATMENT</small>		DESCRIPTION FOUNDATION, CONCRETE PIER 70' X 11' LOPRO OTR SERIES TRUCK SCALE
NUMBER OF CRANES MINIMUM CRANE CAPACITY ESTIMATED WEIGHT (POUNDS)	<small>DO NOT SCALE DRAWING</small> SURFACE FINISH ANGLE:	<small>DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED</small> .XX: .XXX: ANGLE:	SCALE: 1:60 SHEET: 2 OF 3 THIRD ANGLE PROJECTION 204214 REV: A

# REBAR LAYOUT

MATERIAL REQUIREMENTS				
REBAR SCHEDULE				
BAL. NO.	QUANTITY	LENGTH (FT-IN.)	DESCRIPTION	WEIGHT
A	22	9' 6"	# 4 @ 12 O.C.	140
B	20	10' 10"	# 4 @ 12 O.C.	145
C	22	1' 5"	# 4 @ 12 O.C.	21
D	22	4' 0"	# 4 @ 12 O.C.	59
E	24	10' 10"	# 4 @ 4 O.C.	174
F	22	2' 6"	# 4 @ 12 O.C.	37
G	16	10' 10"	# 4 @ 4 O.C.	116
CLEANOUT SCHEDULE				
H	6	17' 10 1/2"	# 4 @ 24 O.C.	72
J	29	10' 10"	# 4 @ 24 O.C.	210
K	12	19' 10"	# 4 @ 24 O.C.	159
<b>TOTAL WEIGHT OF REBAR (LBS.)</b>				<b>1131</b>
<b>TOTAL LENGTH OF REBAR (FT.)</b>				<b>1693</b>
WIRE MESH	6 X 6-10 GA.		0 SQ FT	



#4 REBAR SPACED EVERY 24"  
OR YOU MAY SUBSTITUTE  
6X6X10 GA. WIRE MESH

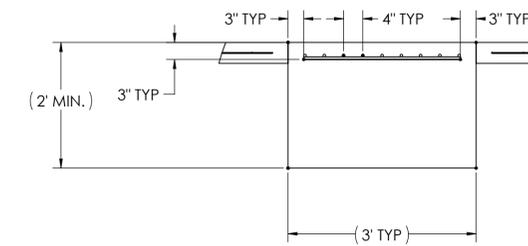
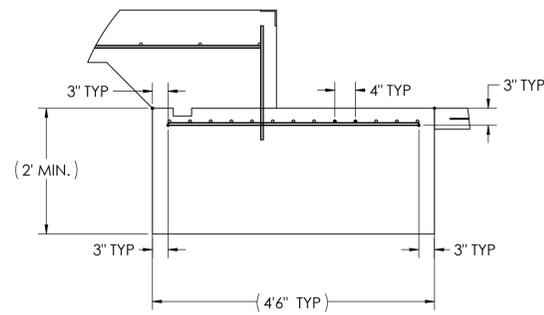
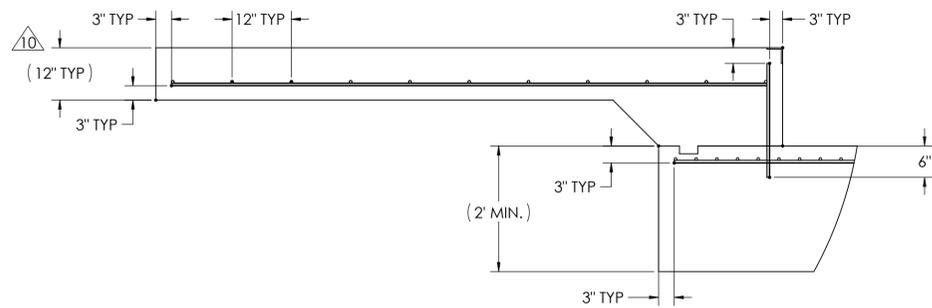


## APPROACH STANDARD VIEWS

## APPROACH PIER STANDARD VIEWS

## PIER STANDARD VIEWS

**NOTES:** 1) LEFT AND RIGHT APPROACHES ARE MIRROR IMAGES OF EACH OTHER AND CONTAIN AN IDENTICAL PART LIST



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TREATMENT NONE	<small>UNLESS OTHERWISE SPECIFIED UNITS TO BE INCHES ALL THREADS TO BE CLASS 2 ALL DIMENSIONS APPLICABLE AFTER TREATMENT</small>		<b>FOUNDATION, CONCRETE PIER 70' X 11'</b> <b>LOPRO OTR SERIES TRUCK SCALE</b>
NUMBER OF CRANES MINIMUM CRANE CAPACITY ESTIMATED WEIGHT (POUNDS)	<small>DO NOT SCALE DRAWING</small> SURFACE FINISH ANGLE: ±	<small>DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED</small> .XX: ± .XXX: ± ANGLE: ±	SCALE: 1:48 SHEET: 3 OF 3 MATERIAL: 204214 REV: A