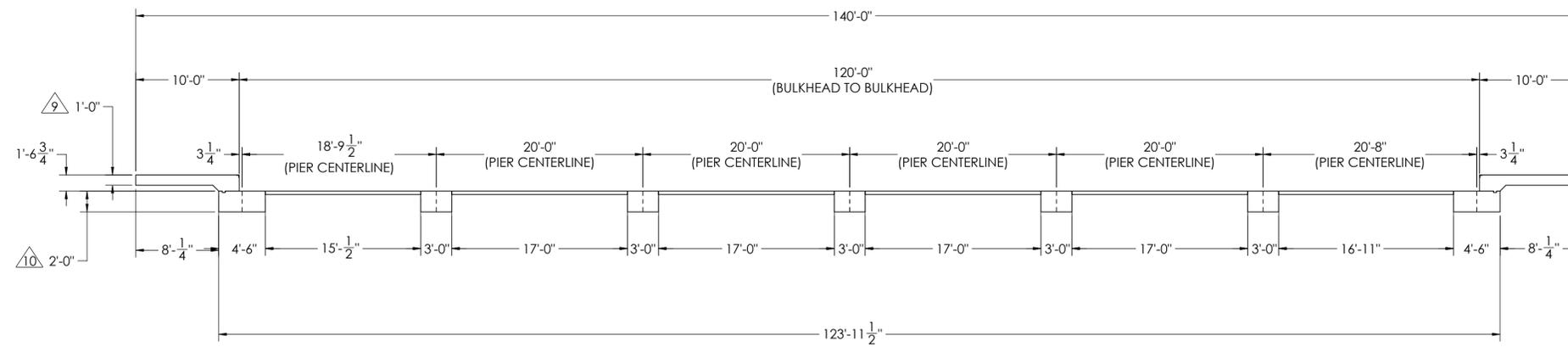
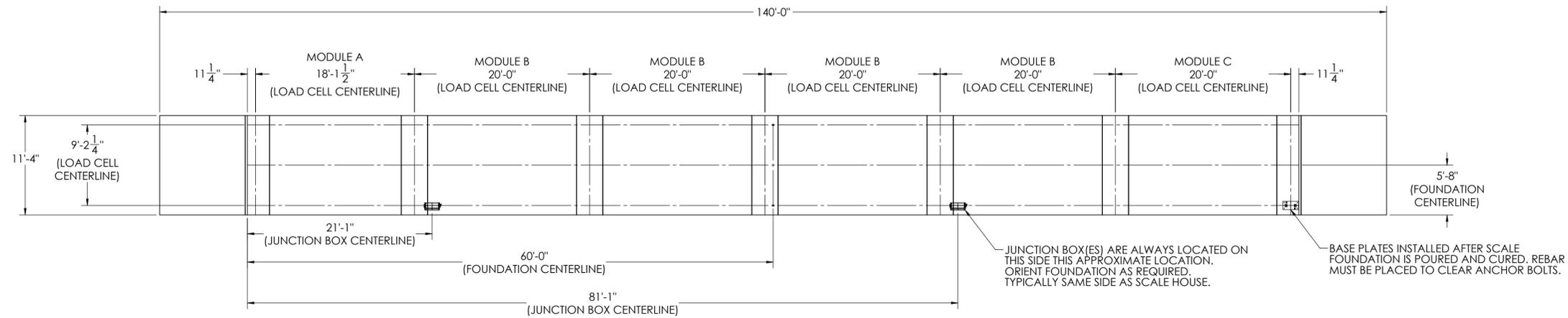


DETAILS

REV.	ECO	REVISION DESCRIPTION	INIT	DATE
A		ENGINEERING RELEASE	SPJ	03/30/2020



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".

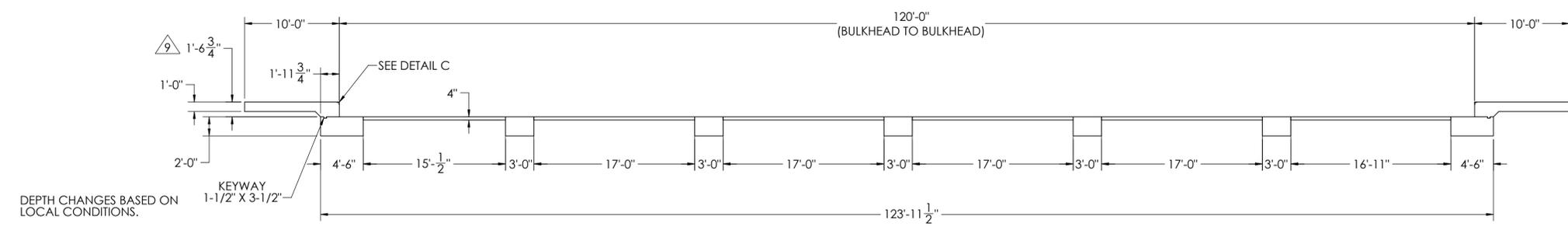
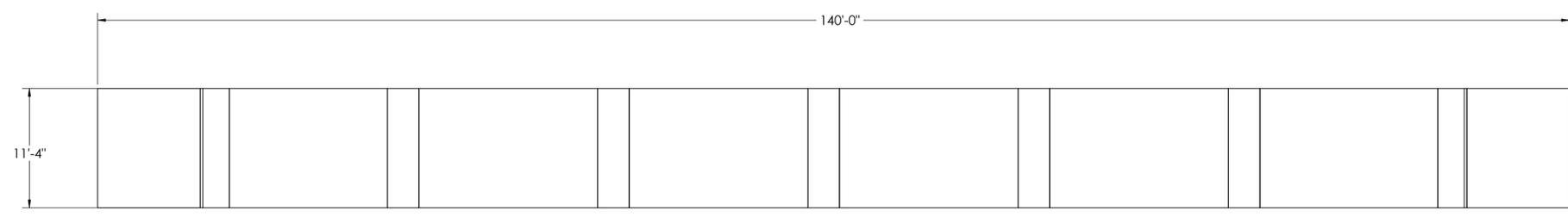
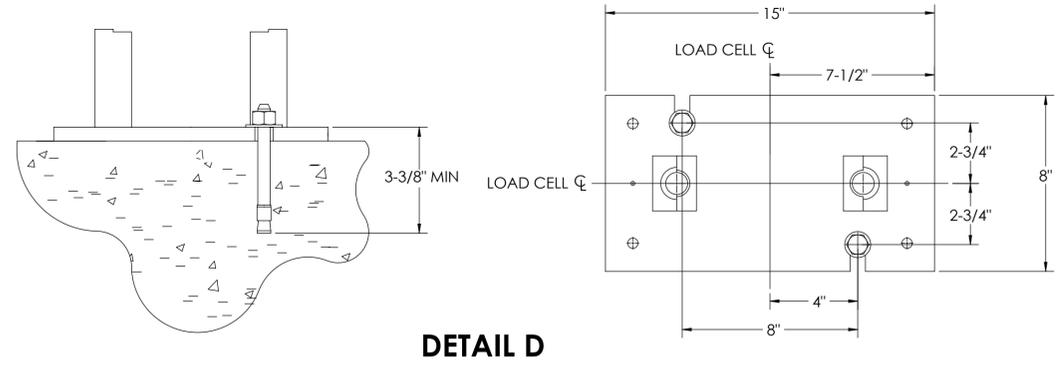
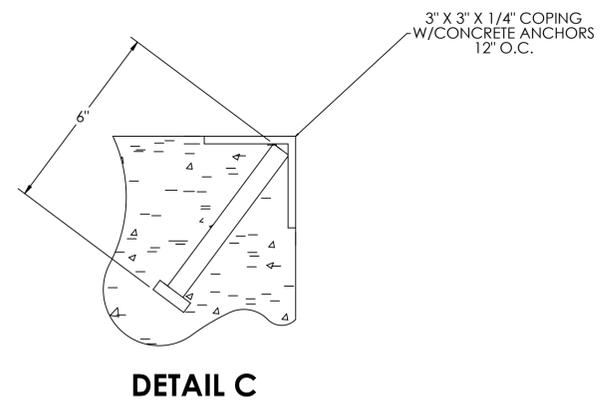
- △ APPROACH THICKNESS MAY BE 10" MINIMUM WHERE ALLOWED BY STATE REGULATIONS
- △ FOUNDATION MUST EXTEND A MINIMUM OF 12" BELOW THE FROST PENETRATION LINE

DESIGNED BY / DATE S. JOHNSON 03/31/2020	DRAWN BY / DATE S. JOHNSON 03/31/2020	FILE APPROVAL / DATE S. JOHNSON 03/31/2020	
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NUMBER OF CRANES: 1	MINIMUM CRANE CAPACITY: 10	ESTIMATED WEIGHT (POUNDS): 180220	TOLERANCES DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED SURFACE FINISH .XX: ± .XXX: ± ANGLE: ±
DESCRIPTION: FOUNDATION, CONCRETE PIER 120" X 11" OTR SERIES TRUCK SCALE		SCALE: 1:90 SHEET: 1 OF 3	MATERIAL: 180220 REV: A

CONCRETE LAYOUT

CONCRETE SCHEDULE		VOLUME (CUBIC YARDS)	
APPROACHES		9.5	
CLEANOUT		14.0	
PIERS		20.2	
TOTAL		43.7	
MISC. STEEL			
PIT COPING	3 X 3 X 1/4	23 LN .FT	113 LBS

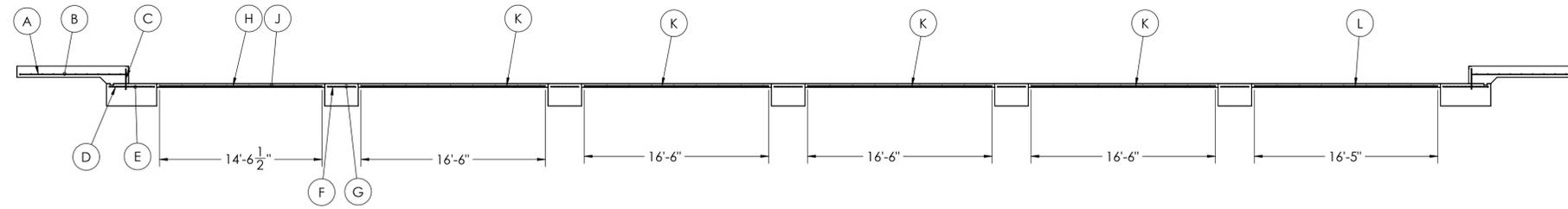
VOLUME SHOWN FOR STATED PIER DEPTH.
ADD ADDITIONAL CONCRETE FOR
DEEPER PIERS AS NEEDED.



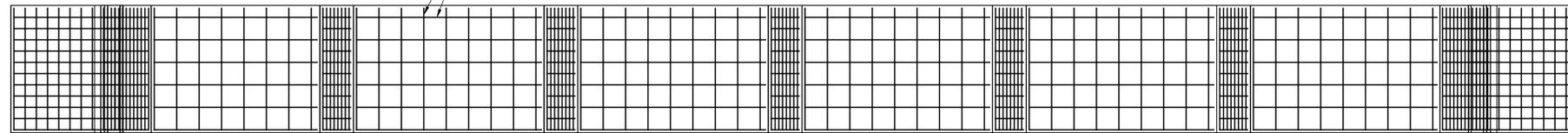
DESIGNED BY / DATE S. JOHNSON 03/31/2020	DRAWN BY / DATE S. JOHNSON 03/31/2020	FILE APPROVAL / DATE S. JOHNSON 03/31/2020	
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NUMBER OF CRANES MINIMUM CRANE CAPACITY ESTIMATED WEIGHT (POUNDS)	 DO NOT SCALE DRAWING SURFACE FINISH THIRD ANGLE PROJECTION	TOLERANCES DRAWING TOLERANCES UNLESS OTHERWISE SPECIFIED .XX: .XXX: ANGLE:	DESCRIPTION FOUNDATION, CONCRETE PIER 120' X 11' OTR SERIES TRUCK SCALE SCALE 1:90 SHEET 2 OF 3 MATERIAL 180220 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' 9 3/4"	# 4 @ 12 O.C.	27
D	22	4' 0"	# 4 @ 12 O.C.	59
E	26	10' 10"	# 4 @ 4 O.C.	188
F	55	2' 6"	# 4 @ 12 O.C.	92
G	45	10' 10"	# 4 @ 4 O.C.	326
CLEANOUT SCHEDULE				
H	6	14' 6 1/2"	# 4 @ 24 O.C.	58
J	63	10' 10"	# 4 @ 24 O.C.	456
K	24	16' 6"	# 4 @ 24 O.C.	265
L	6	16' 5"	# 4 @ 24 O.C.	66
TOTAL WEIGHT OF REBAR (LBS.)				1820
TOTAL LENGTH OF REBAR (FT.)				2724
WIRE MESH	6 X 6-10 GA.		1099 SQ FT	



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

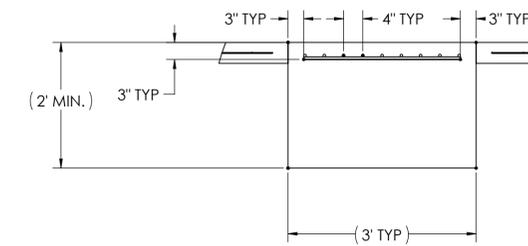
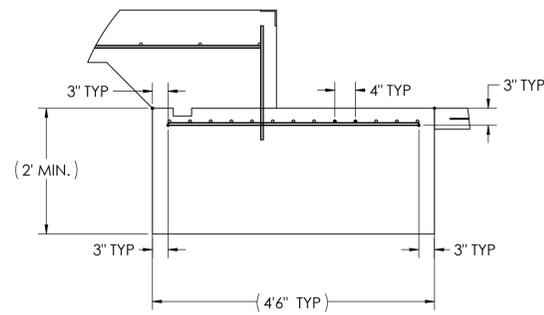
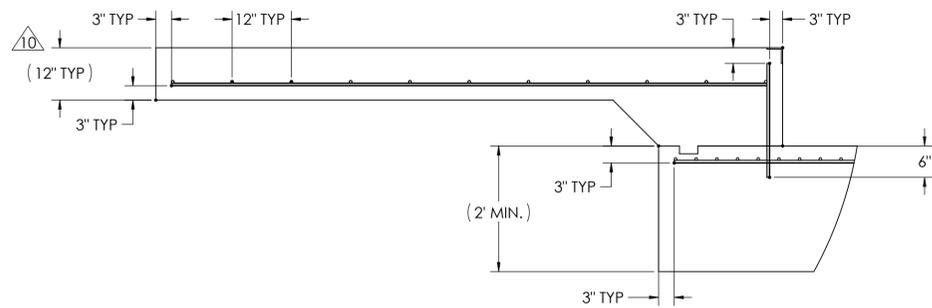


APPROACH STANDARD VIEWS

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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NUMBER OF CRANES MINIMUM CRANE CAPACITY ESTIMATED WEIGHT (POUNDS)	DO NOT SCALE DRAWING SURFACE FINISH THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED .XX: ± .XXX: ± ANGLE: ±	DESCRIPTION FOUNDATION, CONCRETE PIER 120' X 11' OTR SERIES TRUCK SCALE
		SCALE 1:48	SHEET 3 OF 3
			MATERIAL 180220
			REV A