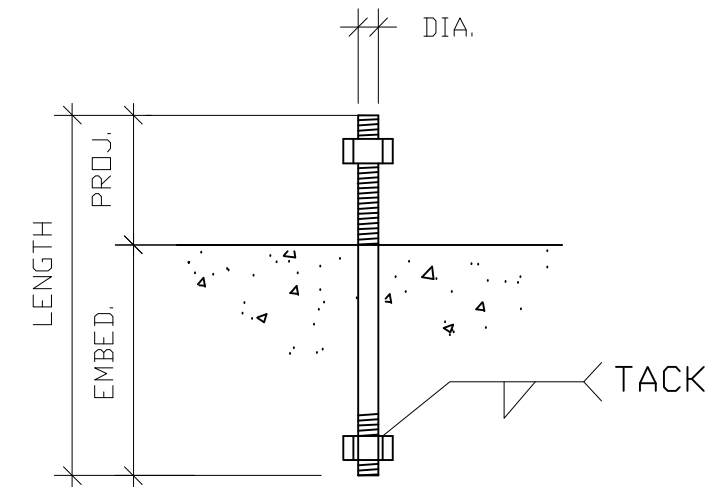


PROJECT: PORTLAND YACHT – NEW YARD  
 SUBJECT: LEGACY BUILDING FOUNDATION  
 ITEM: FOOTINGS, PIERS, ANCHOR BOLTS, NOTES, MATERIALS

DATE: 10/7/13  
 BY: RG  
 SHEET: 6 OF 9999  
 gei #205

FOOTING SCHEDULE			
TYPE	SIZE	DEPTH	REINFORCING
F1	15'-0" x 10'-0"	12-24"	#5s 12'o/c E.W./T&B + Add'l Bars
F1a	15'-0" x 7'-0"	12-24"	#5s 12'o/c E.W./T&B + Add'l Bars
F2	8'-0" x 7'-0"	12-18"	#5s 12'o/c E.W./T&B
F3	9'-0" x 7'-0"	12-18"	#5s 12'o/c E.W./T&B
F4	8'-0" x 5'-0"	12-18"	#5s 12'o/c E.W./T&B
F9	6'-0" x 105.92'	12-16"	#5s 12'o/c E.W./T&B

PIER SCHEDULE		
TYPE	SIZE	REINFORCING
P1	18" X 18"	10-#8 VERTS. & #3 TIES @ 5" O.C. UND
P1a	18" X 18"	8-#8 VERTS. & #3 TIES @ 5" O.C. UND
P2	20" X 16"	8-#6 VERTS. & #3 TIES @ 6" O.C. UND
P3	16" X 16"	8-#6 VERTS. & #3 TIES @ 16" O.C. UND
P4	24" X 16"	10-#6 VERTS. & #3 TIES @ 6" O.C. UND



TYPE A ANCHOR BOLT DETAILS

ANCHOR BOLT SCHEDULE					
DIA. (INCHES)	LENGTH (INCHES)	EMBED (INCHES)	PROJ. (INCHES)	QTY.	COMMENTS
3/4	12	9	3	-	TYPE A
1	22	18	4	72	TYPE A

- NOTES:
1. SEE PLAN SHEETS FOR TYPICAL PIER DETAILS AND FOUNDATION SECTIONS.
  2. VERIFY REQUIRED PROJECTION AND ADJUST LENGTH ACCORDINGLY.
  3. USE ASTM F 1554 GRADE 55 BOLTS
  4. EXPANSION AND EPOXY ANCHORS AT ENDWALL COLUMNS BY LEGACY BLDGS.
  5. BASEPLATE AND ANCHOR LAYOUTS SEE DETS. 7/B2-14/B2

GENERAL NOTES

WORK THESE PLANS WITH PROJECT CIVIL/SITE PLANS & LEGACY BUILDING PLANS. REFER TO REFERENCED PLANS FOR LAYOUT, DIMENSIONS, DETAILS NOT SHOWN HEREIN.

WORK THESE PLANS WITH LEGACY BUILDING PLANS ENTITLED "NEW YARD LLC 120'-0"x160'-6" PORTLAND ME" DATED \_\_\_\_\_

REPORT DISCREPANCIES WITHIN THESE PLANS, BETWEEN THESE PLANS & REFERENCED PLANS OR EXISTING CONDITIONS. DO NOT PROCEED WITH DEPENDENT WORK UNTIL DISCREPANCIES HAVE BEEN RESOLVED BY ENGINEER.

CONCRETE WORK SHALL COMPLY WITH APPLICABLE SECTIONS OF ACI 301-05 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" (CONSULT ENGINEER)

SUBGRADE PREP. & EARTHWORK SHALL COMPLY WITH GEOTECHNICAL RECOMMENDATIONS, REPORT BY S.W.COLE ENGINEERING (REV DATED\_\_\_\_\_)

REFER TO FST ENGINEERS PLAN "CANAL LANDING AMENDED GRADING AND DRAINAGE PLAN PHASE 1B", REV DATED SEP 25 '13 FOR BUILDING LOCATION AND LAYOUT, SITE GRADING....

SPECIAL (ENGINEER) INSPECTIONS, INCLUDING REINFORCING PLACEMENTS, CONCRETE PLACEMENTS, CONCRETE TESTING, DOCUMENTATION...SHALL COMPLY WITH CHAPTER 17 OF IBC (INTERNATIONAL BUILDING CODE) 2012. CONSULT ENGINEER FOR REQUIRED CONTRACTOR NOTIFICATIONS

MATERIALS (OR PRE-APPROVED EQUALS)

SUBGRADE GRAVEL AND BACKFILL: REFER TO S.W.COLE ENGINEERING GEOTECHNICAL REPORT

CONCRETE: 3000 PSI COMPRESSIVE STRENGTH FOOTINGS; 4000 PSI COMPRESSIVE STRENGTH PIERS, WALLS, GRADE BEAMS

FOUR INCH MAXIMUM SLUMP, 5% TO 7% ENTRAINED AIR; TAKE 3 TEST CYLINDERS FROM THE FIRST, LAST AND EVERY 1/3rd INTERMEDIATE TRUCK LOADS. BREAK ONE CYLINDER AT 7 DAYS, ONE AT 28 DAYS, HOLD ONE IN RESERVE

ENGAGE THE SERVICES OF A CERTIFIED TESTING AGENCY: SAMPLE & TEST DESIGNATED TRUCKLOADS (ASTM C172); SLUMP (ASTM C143), AIR (ASTM 231) MAKE CYLINDERS (ASTM C31), BREAK CYLINDERS (ASTM C39) DOCUMENT RESULTS AND SUBMIT CERTIFIED REPORT TO ENGINEER.

REINFORCING BARS: ASTM A615 GRADE 60 DEFORMED BARS

MEMBRANE CURING COMPOUND: ASTM C309

RIGID INSULATION: EXTRUDED POLYSTYRENE 'DOW (brand) STYROFOAM

