



\* LOCATION OF FIXED PIVOT DETAIL MATCH EXISTING

LIFT #1 SURFACE MOUNTED UNDER-VENT ON RAMP (SHOWN AT 1\"/>

LIFT #2 MOBILE COLUMN W/ RAINWAY SYSTEM

LIFT #3 TWO-POST IN-GROUND

LIFT #4 TWO-POST IN-GROUND

**NOTES:**

1. FIN. SLAB E.L. = 41'-0" WHERE NOT SLOPED TO DRAIN.
2. F.D. E.L. = 40'-0" EXCEPT AS NOTED.
3. ○ E.C. - EXIST. CLEANOUT IN FLOOR
4. ○ N.C. - NEW CLEANOUT IN FLOOR
5. ○ E.C. - EXIST. EXHAUST VENT (ABANDONED)
6. ○ E.C. - EXIST. FLOOR DRAIN PIPING
7. ○ E.C. - EXIST. FLOOR DRAIN PIPING (ABANDONED)
8. ○ E.C. - EXIST. SLAB CONSTRUCTION JOINT
9. ○ E.C. - NEW CONCRETE SLAB
10. ○ E.C. - EXIST. VENT AT RE-ENTRANT CORNERS. SEE DETAIL S12 FOR DETAIL. NOT ALL LOCATIONS SHOWN.

**PARTIAL PLAN**



**SEQUENCING:**

1. THE OWNER REQUIRES THE FOLLOWING ORDER FOR LIFT REPLACEMENT:  
LIFT #1, LIFT #2, LIFT #3, LIFT #4. LIFTS MUST BE RE-PLACED IN THIS ORDER. LIFTS MUST BE FULLY OPERATIONAL BEFORE THE FOLLOWING LIFT IS REMOVED FROM SERVICE. THIS WILL REQUIRE TEMPORARY HYDRAULIC AND COMPRESSED AIR LINES.
2. THE RTP LIFT AND THE WORK FOR THE FLOOR RUNNING INSPECTION PIT LIFT CAN BE DONE AT ANY TIME.

- GENERAL NOTES:**
1. THIS PROJECT INVOLVES RENOVATIONS OF AN EXISTING STRUCTURE. DIMENSIONS SHOWN ON THE DRAWINGS ARE BELIEVED TO BE ACCURATE. CONTRACTORS SHALL VERIFY DIMENSIONS IN THE FIELD PRIOR TO FABRICATION AND CONSTRUCTION.
  2. CONTRACTORS SHALL BRING TO THE ATTENTION FROM HOSE SHOWN ON THE DRAWINGS AND SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONDITIONS THAT PREVENT CONTRACTOR'S COMPLETION OF THE WORK AS SHOWN ON THE DRAWINGS.
  3. UNO. \* UNLESS NOTED OTHERWISE
  4. UNO. \* NOT TO SCALE

- CONCRETE NOTES:**
1. MINIMUM 3 DAY COMPRESSIVE STRENGTH: 4000 PSI.
  2. REINFORCEMENT:  
GRADE 60 A573 AISI  
WELDED WIRE FABRIC, A573 AISI  
FLAT SHEETS ONLY
  3. MINIMUM CONCRETE COVER:  
2" FOR CONCRETE CAST AGAINST SOIL  
1 1/2" FOR TIES  
2" FOR OTHER CONCRETE UNLESS SHOWN OTHERWISE
  4. SPLICE LENGTHS (UNLESS SHOWN OTHERWISE):  
#4: 2'-5"  
#5: 3'-0"  
#6: 3'-0"  
WELDED WIRE FABRIC: 6'

**EARTHWORK NOTES:**

1. SEE DETAIL NOTES FOR INFORMATION ON EXIST. UNDERSLAB HEATING MATS. ORIGINAL EXIST. SLAB ON GRADE IS UNDERLAIN BY 12" OF SAND.
2. DO NOT UNDERLINE EXISTING SLAB THAT IS TO EXISTING SLAB WITH CONCRETE. COMING WITH EXCAVATIONS IS NECESSARY TO PREVENT UNDERMINING.
3. PROVIDE BACKFILL MATERIAL AND COMPACT THIS MATERIAL AROUND LIFT HOUSINGS AS REQUIRED BY LIFT MANUFACTURER.
4. IF OIL CONTAMINATED SOIL IS ENCOUNTERED, NOTIFY OWNER, ENGINEER AND MAINE DEP. REMOVE AND DISPOSE OF MATERIAL AS DIRECTED BY DEP. REPLACE MATERIAL WITH GRANULAR BACKFILL AND COMPACT TO 95% REPLACEMENT OF COMPACTED MATERIAL. WILL BE PAID FOR USING UNIT COST ITEM #1.
5. EXISTING UNDERSLAB SAND MAY BE RE-USED. BACKFILL REQUIRED WITH A MINIMUM OF 6" OF GRANULAR MATERIAL UNDER SLABS. COMPACT TO 95% MAX. DENSITY.
6. GRANULAR BACKFILL MATERIAL:  
HOT TYPE A AGGREGATE BASE HARD DURABLE CRUSHED GRAVEL CONTAINING ONLY PARTICLES PASSING THE 2" SIEVE. SIEVE ANALYSIS BY WEIGHT:  
SIEVE SIZE      % PASSING  
48-70      45-70  
30-35      30-55  
#20      0-20  
#10      0-5

REV.	DATE	DESCRIPTION
1	11/12/12	ADD INFORMATION REQUESTED BY INSPECTIONS DEPT.
2	11/12/12	REVISED TO INCLUDE ADDENDA ITEMS

GREATER PORTLAND TRANSIT DISTRICT  
114 VALLEY STREET, PORTLAND, MAINE  
VEHICLE LIFT REPLACEMENT PROJECT

**PROPOSED LIFT PLAN**

SCALE: 1/8" = 1'-0"  
DATE: SEPTEMBER 11, 2012  
PROJECT: 12330-L

DRN BY: MAB  
DESIG BY: DKP  
CHK BY: DKP

