NOTE: FOOTINGS TO BE PLACED ON UNDISTURBED NATURAL GRADE

FROST WALL AND FOOTING DIMENSIONS AND REINFORCEMENT ARE TYPICAL AT TOP AND BOTTOM OF STAIR

PRECAST STAIR W/ CAST-IN-PLACE FOUNDATION

SCALE: 3/4" = 1'

NOTES:

1. CONCRETE FOR PRECAST STAIRS SHALL BE 5,000 PSI AIR ENTRAINED CONCRETE WITH A WATER/CEMENT RATIO OF 0.45.
2. REBAR SHALL BE GRADE 60 EPOXY COATED
3. STAIR NOSING SHALL BE STYLE NO. 816 IN "ALUMACAST" AS MANUFACTURED BY AMERICAN SAFETY TREAD COMPANY, HELENA, ALABAMA 35000. TELEPHONE 1-800-245-4881 OR APPROVED EQUAL. NOSINGS SHALL TERMINATE NOT MORE THAN 3" FROM ENDS OF STEPS. NOSINGS SHALL BE FURNISHED WITH WING ANCHORS, BOLTS AND NUTS OR CONCEALED CAST ANCHORS.

TYP. FOUNDATION DRAIN SECTION

NOT TO SCALE

NOTES

1. ADA HANDRAIL, ADA RAMP. PROVIDE SHOP DRAWINGS INCLUDING MATERIALS, FABRICATION DETAILS, LAYOUT AND DIMENSIONING AND FINISH OF HANDRAILS FOR ENGINEERS APPROVAL.
2. ENDS OF HANDRAIL SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO THE FLOOR, WALL OR POST
3. ALL HAND RAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF AT LEAST 1-1/2" AND NOT GREATER THAN 3"

ADA HANDRAIL

NOT TO SCALE

NOTES:

1. CONCRETE f'c=5,000 psi.
2. REINF. STEEL GRADE 60 NEW BARS.
3. INSTALL BASE 1" ABOVE FINISH GRADE.
4. POLE BASE SHALL BE SUPERIOR CONCRETE MODEL LPB-RD CONCRETE LIGHT POLE BASE OR APPROVED EQUAL
5. CONTRACTOR SHALL CONFIRM BOLLARD MODEL AND BOLT PATTERN PRIOR TO FABRICATING BASE.

PRECAST CONCRETE BOLLARD LIGHT BASE

NOT TO SCALE

NOTE:

1. CAST IN PLACE CONCRETE FOR SIDEWALK SHALL BE 4,000 PSI MINIMUM MIRCOFIBER REINFORCED CONCRETE WITH
2. INSTALL 5'-0" SQUARE AREA BY 4' DEEP OF FROST-FREE MATERIAL BELOW ALL HANDICAP RAMPS AND ENTRY POINTS AT BUILDING.

CONCRETE SIDEWALK

NOT TO SCALE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/16/13
Planner: Benjamin Wallace Jr

STATE OF MAINE * DANIEL L. RILEY No. 9867 * PROFESSIONAL ENGINEER

REV:	BY:	DATE:	STATUS:
B	DLR	03/04/13	PRICING SET
A	DLR	02/20/13	PROGRESS PRINT

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PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN
00207	-	SGD	DLR	JNR

PARTIAL GRADING AND UTILITY PLAN
OF:
MRI ADDITION - ORTHOPAEDIC ASSOC.
33 SEWALL STREET
PORTLAND, MAINE
FOR:
ORTHOPAEDIC ASSOC. OF PORTLAND, P.A.
33 SEWALL STREET
PORTLAND, MAINE 04102

DATE	SCALE
02-15-13	N.T.S.

SHEET 5 OF 5

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