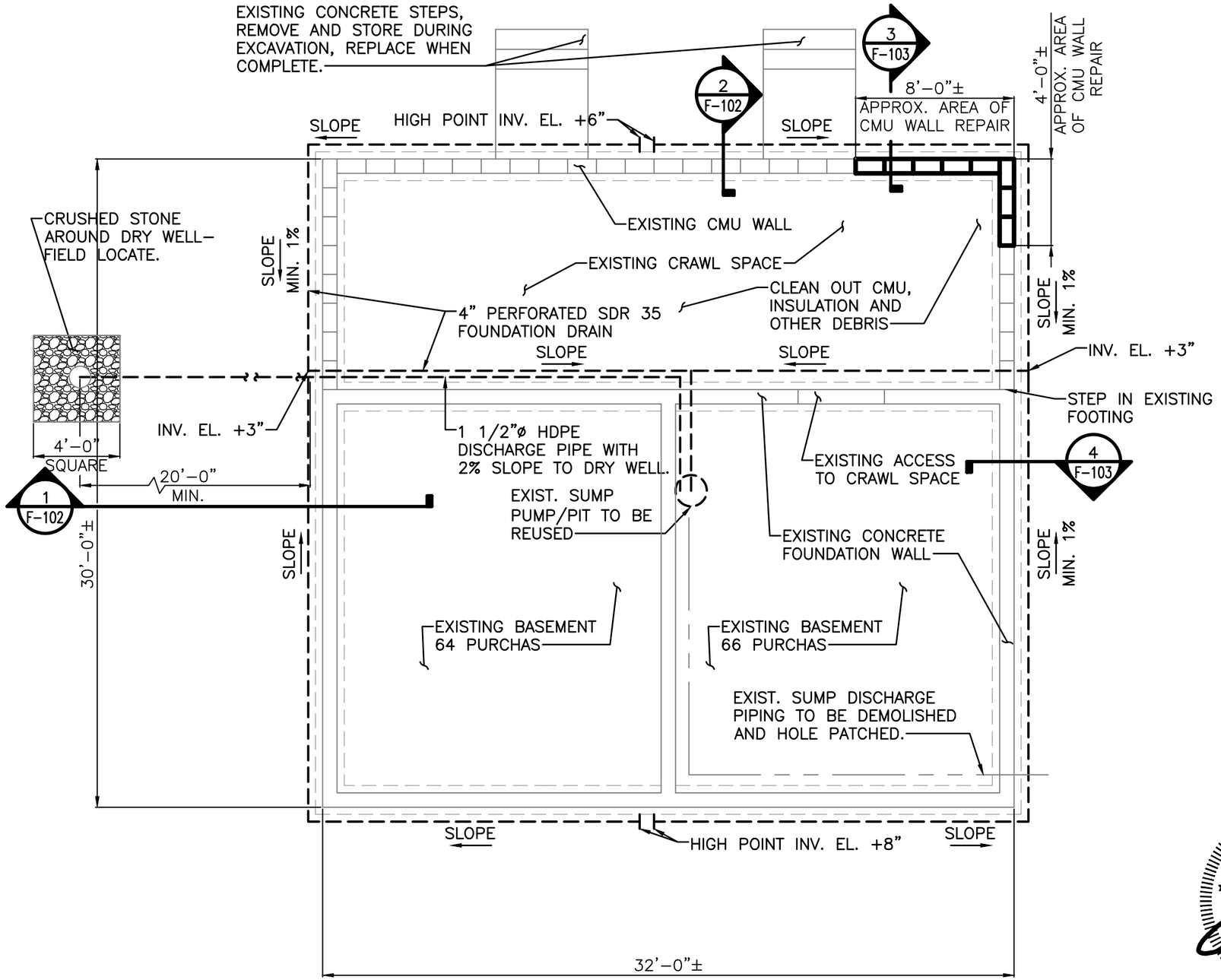

NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL BUILDING CODE AND THE MAINE STATE PLUMBING CODE.
2. VISUAL INSPECTION OF EXISTING CMU REQUIRED BY ENGINEER AFTER EXCAVATION TO DETERMINE EXTENTS OF REPOINTING REQUIRED.
3. DESIGN INTENT IS TO:
   a. REPAIR STRUCTURAL DAMAGE.
   b. IMPROVE FOUNDATION RESISTANCE TO WATER INTRUSION.
   c. PROVIDE MEANS FOR CHANNELING STORM AND GROUNDWATER AWAY FROM BASEMENT.
4. EXCAVATION AT ENTIRE PERIMETER REQUIRED FOR DRAIN INSTALLATION. BACKFILL WITH GRANULAR MATERIAL, SURFACE GRADING, LOAM AND SEEDING ARE ALSO REQUIRED.
5. INVERT ELEVATIONS ARE REFERENCED FROM BOTTOM OF FOUNDATION ELEVATION, TYP.
6. CONCRETE MASONRY SHALL CONFORM TO THE FOLLOWING:

A. CONCRETE MASONRY UNITS TYPE 1	ASTM C90, GRADE N,
B. DEFORMED REINFORCEMENT BARS	ASTM 615, GRADE 60
C. JOINT REINFORCEMENT GALVANIZED	ASTM A82, 9 GAGE,
D. MASONRY MORTAR	ASTM C270, TYPE S
E. MASONRY GROUT FINE GROUT	ASTM C476, TYPE 1
F. REQUIRED DESIGN F'_M	2000 PSI

7. ALL MASONRY BLOCK WALLS SHALL BE LAID IN RUNNING BOND. TOOL ALL VISIBLE JOINTS CONCAVE.
8. CORNER AND END BLOCKS SHALL BE USED TO FINISH ALL 90 DEGREE CORNERS AND WALL OPENINGS.
9. MORTAR SHALL NOT BE USED WHERE GROUT IS SPECIFIED.
10. SUBMIT COMPLETE SHOP DRAWINGS OF MASONRY REINFORCEMENT FOR REVIEW PRIOR TO CONSTRUCTION.

STATE OF MAINE
SAMUEL J. THOMAS
No. 12112
LICENSED
PROFESSIONAL ENGINEER
8/17

PLAN
NORTH

0 4' 8' 12'
SCALE: 3/16" = 1'-0"

FOUNDATION AND DRAINAGE REPAIR PLAN

SCALE:3/16"=1'-0"

REV	DESCRIPTION	DWN BY	CKD BY	APP BY	DATE
0	ISSUED FOR BID	BCH	SJT	BJB	4/18/17
A	ISSUED FOR CLIENT REVIEW	BCH	SJT	BJB	10/14/16

PORTLAND HOUSING AUTHORITY
PORTLAND, MAINE

FOUNDATION REPAIR AND STORM WATER MITIGATION

66 PURCHAS ST.
FOUNDATION PLAN

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SIZE: AS NOTED
DATE: 4/18/17
DES BY: SJT
DWN BY: BCH
CKD BY: BJB

PROJECT NO. 218.019.001
SHEET 1 OF 3
DRAWING NO. F-101