

GENERAL NOTES

- 1. THE FOLLOWING NOTES ARE INTENDED TO BE USED AS OUTLINED SPECIFICATIONS FOR THIS PROJECT...
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH SITE DRAWINGS AND GEOTECHNICAL REPORT...
3. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD...
4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED...

DESIGN LOADS

- 1. BUILDING CODE: MAINE UNIFORM BUILDING AND ENERGY CODE...
2. DESIGN TANK LOADS (VERTICAL): 20000 GAL TANK SELF WEIGHT: 18000 LBS...
3. DESIGN TANK LOADS (WIND): BASIC WIND SPEED: 130 MPH...
4. DESIGN TANK LOADS (SEISMIC): DESIGN PER ASCE 7-10 CHAPTERS 11,12 AND 15...

6/24/2016: TANKS REVISED TO 10,000 GAL (VERSUS 20,000 GAL NOTED ABOVE). SILO HEIGHT REDUCED; BASE DIAMETER AND ANCHORAGE REMAINS THE SAME AS 20,000 GAL TANK NOTED ABOVE.

FOUNDATION NOTES (SOIL SUPPORTED)

- 1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH A REPORT ENTITLED "GEOTECHNICAL SERVICES, PROPOSED MILK SILOS, H.P. HOOD, 349 PARK AVE., PORTLAND, MAINE"...
2. FOUNDATION DESIGN IS BASED ON MAT FOUNDATIONS BEARING ON NEW COMPACTED STRUCTURAL FILL...
3. BEARING CAPACITY IS 2000 PSF (2670 PSF W/SEISMIC LOAD COMBINATIONS)...
4. FOR PROTECTION OF FROST, INSTALL RIGID INSULATION 60 PSI (MIN) BELOW MAT FOUNDATION...

CONCRETE NOTES

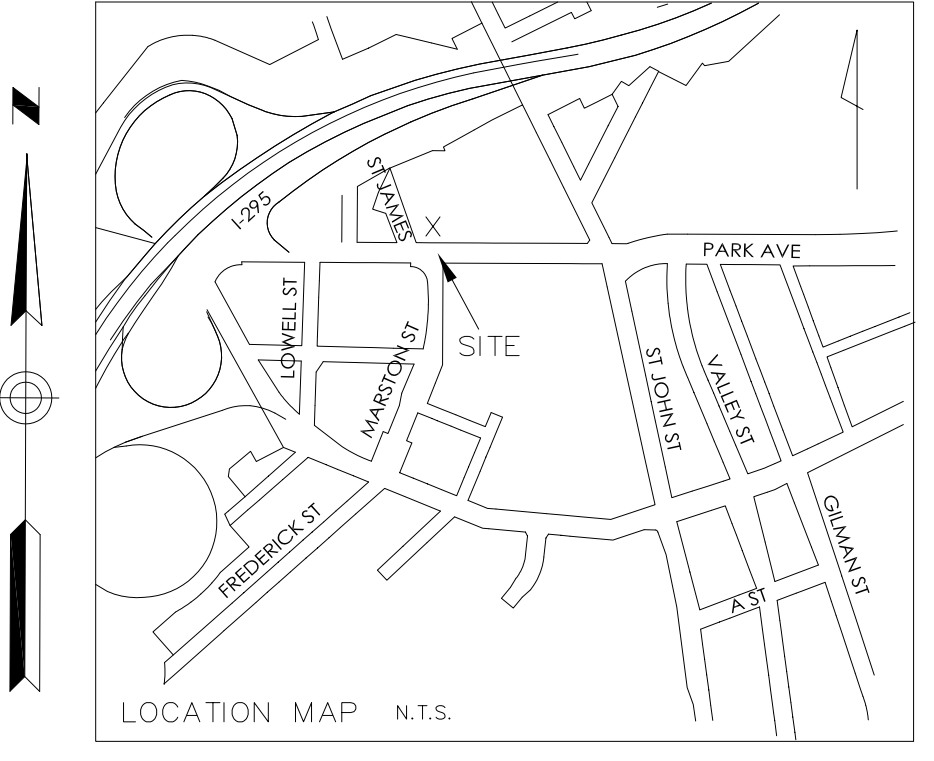
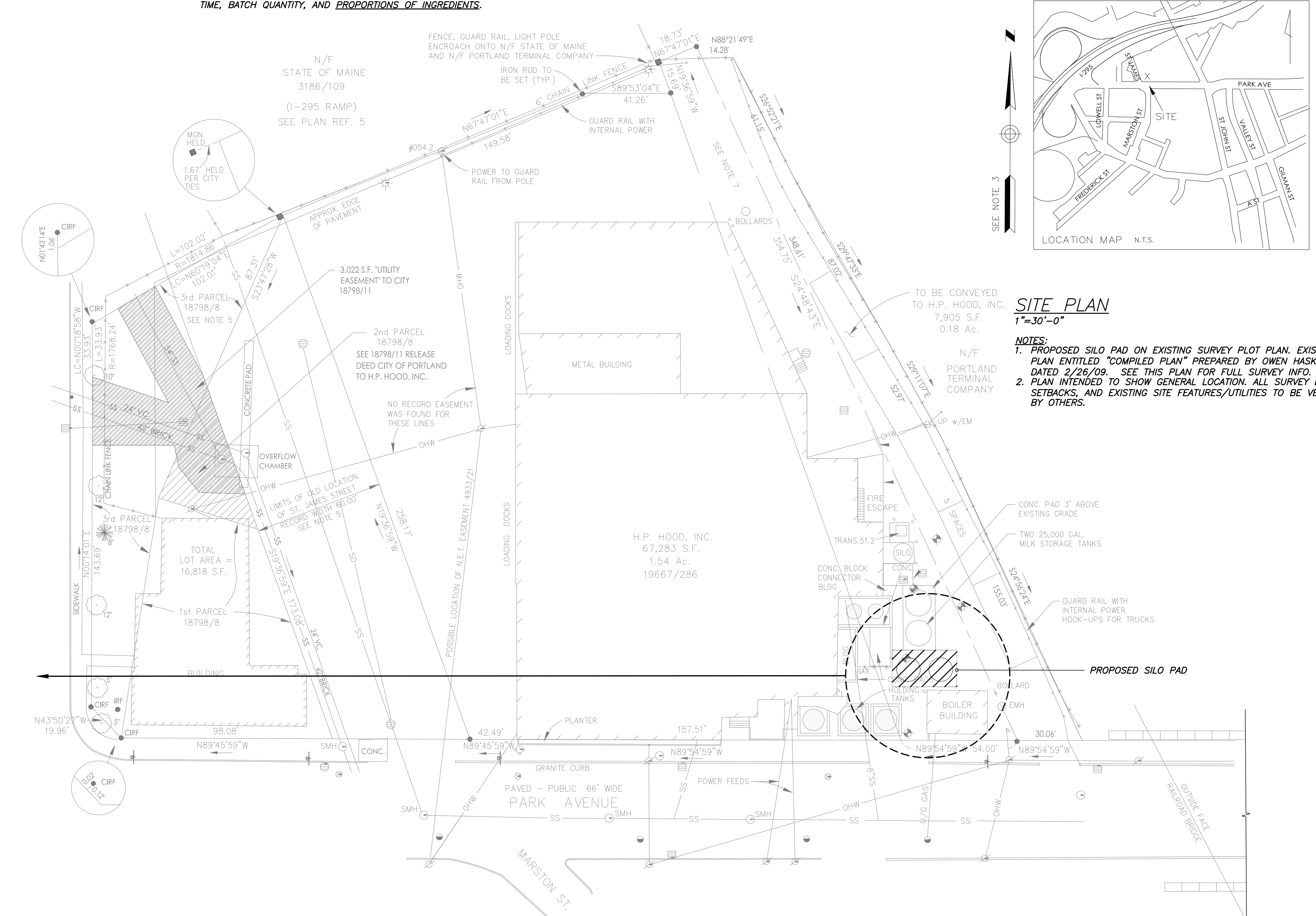
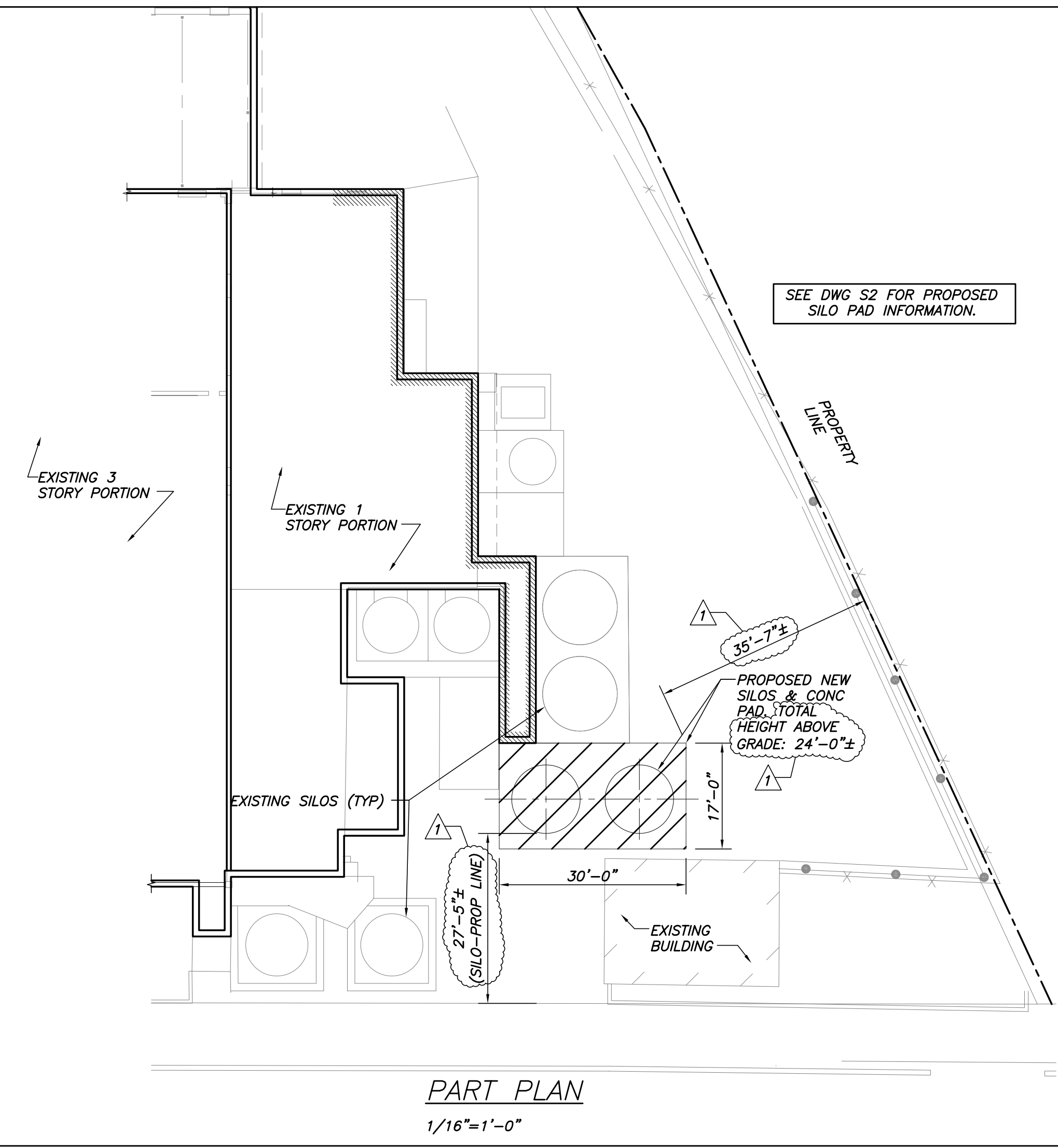
- 1. CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318 LATEST)"...
2. GENERAL CONTRACTOR, CONSTRUCTION MANAGER AND/OR OWNER'S CLERK OF THE WORKS SHALL HAVE AVAILABLE ON SITE AT ALL TIMES A COPY OF ACI "FIELD REFERENCE MANUAL SP-15 (LATEST)"...
3. CONCRETE SHALL BE CONTROLLED CONCRETE, PROPORTIONED, MIXED, AND PLACED IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN ACI 318-LATEST...
4. CONCRETE MIX DESIGN: EXTERIOR MAT FOUNDATION: A. STRENGTH: 5000 PSI @ 28 DAYS...

7. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.

- 8. PROVIDE PVC SLEEVES WHERE PIPES PASS THROUGH EXTERIOR CONCRETE OR SLABS CAST ON GRADE...
9. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315, LATEST EDITION...
10. MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS: A. SURFACES CAST AGAINST AND PERMANENTLY IN CONTACT WITH EARTH, 3.0"...

TESTING

- 1. OWNER WILL ENGAGE A QUALIFIED TESTING AGENCY TO CONDUCT PERIODIC TESTS TO CONFIRM CONSTRUCTION IS IN CONFORMANCE WITH SPECIFIED PROCEDURES AND SPECIFICATIONS...
2. TESTING SHALL INCLUDE STRUCTURAL FILL GRADATION AND COMPACTION, CONCRETE SLUMP, TEMPERATURE, AIR CONTENT AT POINT OF PLACEMENT, CONCRETE COMPRESSION TESTS...
3. TEST RESULTS SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR REVIEW WITHIN 72 HOURS OF COMPLETION OF EACH TEST.



BECKER ENGINEERS INC. STATE OF MAINE seal for Paul B. Becker, No. 6554.

Table with columns: Rev No, Date, Issued For, and Description. Includes revision 1 for 6/24/16 INDICATED REVISIONS.

PASTEURIZED MILK SILO PAD HP HOOD INC., PORTLAND, ME SITE PLAN & GENERAL NOTES

Table with columns: Designed, Drawn, Checked, Scale, Date, and Beaker Job Number. Values include RTN, AS NOTED, WBH, 03-11-16, DSB, and 3771.

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