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GERARD ASSOCIATES
CONSULTING ENGINEERS, P.C.
MECHANICAL, PLUMBING
AND ELECTRICAL

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NEW STATION

PUTNAM VALLEY
FIRE STATION #1

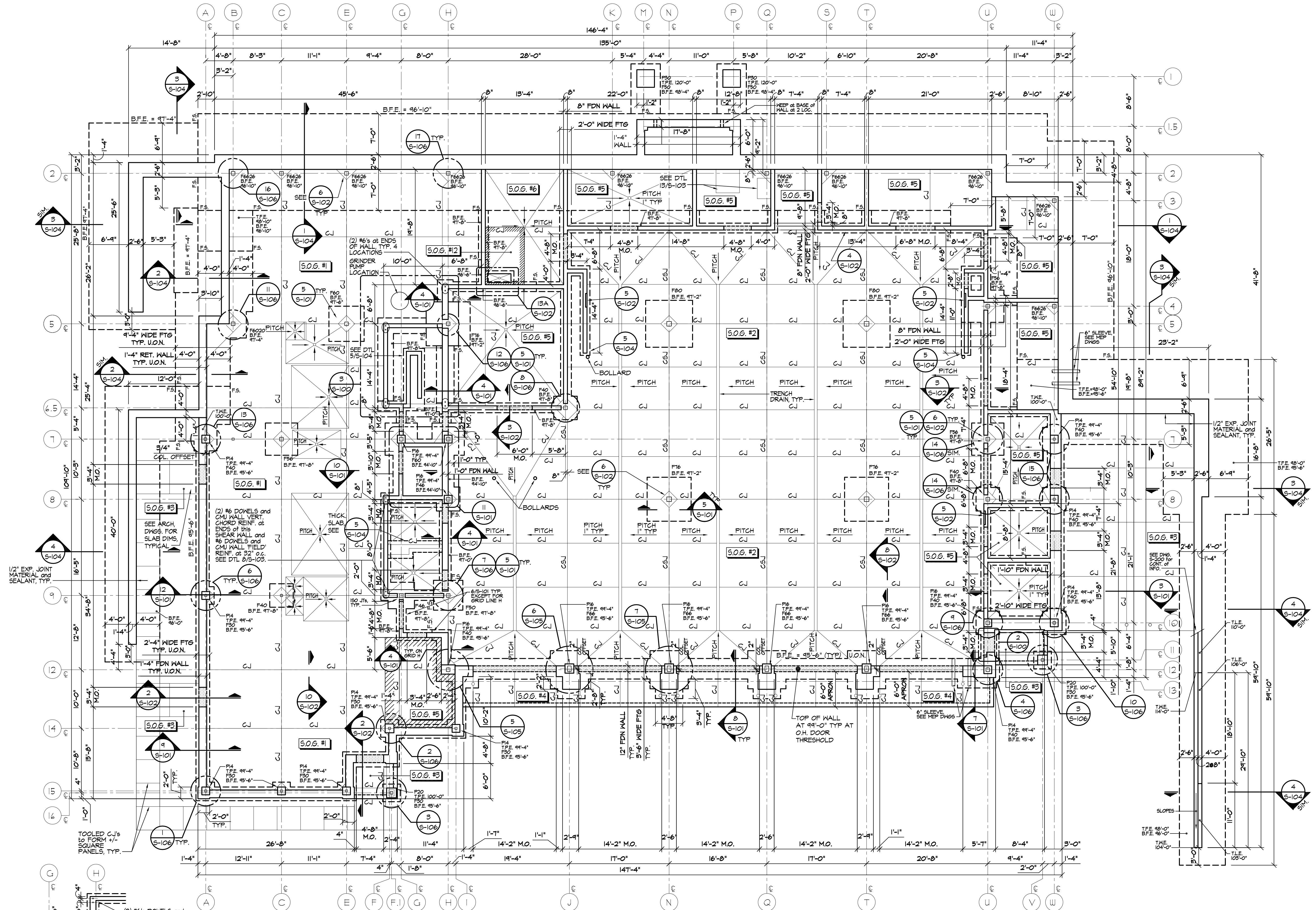
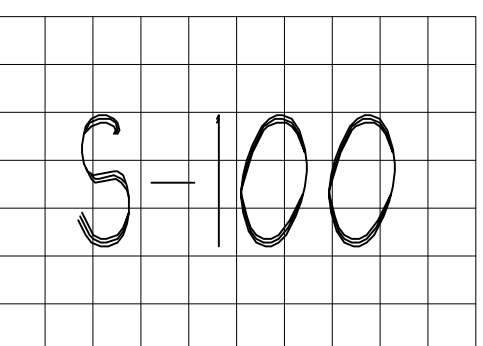
OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

DATE	DESCRIPTION
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14	
15	
16	

STATUS: FOR BIDDING

FOUNDATION PLAN

SCALE: AS NOTED
DWG. BY: J.C./CAM
DWG. DATE: 08/14/2020
DWG. ID:



FOUNDATION PLAN

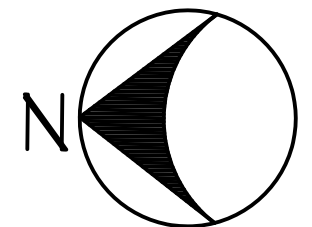
S-100 SCALE: 1/8" = 1'-0"

EXCAVATION
SUPPORT OF EXCAVATION (SOE) IS NOT PART OF
THESE CONSTRUCTION DOCUMENTS. ANY EXCAVATION
THAT REQUIRES SHORING, STABILIZATION AND/OR
UNDERPINNING METHODS SHALL BE DESIGNED BY AN
ENGINEER HIRED BY THE GC OR THE CONTRACTOR
WHOSE RESPONSIBILITY IS THE EXCAVATION WORK.

NOTES:

1. NEW FIRST FLOOR ELEVATION = 100'-0" AND CORRESPONDS TO DATUM ELEV. 630.00'
2. B.F.E. DENOTES BOTTOM OF FOOTING ELEVATION.
3. T.P.E. DENOTES TOP OF PIER ELEVATION. SEE DRAWINGS S-105 AND S-106 FOR PIER DETAILS.
4. T.W.E. DENOTES TOP OF WALL ELEVATION.
5. T.F.E. - DENOTES TOP OF FOOTING ELEVATION.
6. F.D. DENOTES FLOOR DRAIN. MINIMUM PITCH TO FLOOR DRAINS IS 1/4" IN 10' FEET.
7. SEE DETAIL 10/5-102 FOR BELOW SLAB PREP.
8. SEE ALSO SOILS REPORT BY DANIEL G. LOUCKS, P.E. DATED 15 JULY 2009.
9. FOR FOUNDATION PREP WORK.
10. FOR LOC. OF TRENCH AND FLOOR DRAINS AND LIMITS OF SLOPED SLABS - SEE ARCH. DWGS.
11. F.M. & F.O.N. DENOTES FACE OF WALL.
12. SEE DRAWINGS FOR "TYPICAL DETAILS" NOT REFERENCED ON PLAN.
13. SEE E SERIES AND P SERIES DRAWINGS FOR THROUGH FOUNDATION WALL OR BELOW FOOTING
SLEEVE LOCATIONS/FOUNDATION WALL SLEEVES. SEE DETAIL 1/5-102. MAY OR MAY NOT REQUIRE A FOOTING STEP.
14. SEE DRAWING S-SCHED FOR SLAB, PIER AND FOOTING SCHEDULES.
15. F.S. DENOTES FOOTING STEP. SEE DETAIL 12/5-102.
16. C.S.J. - DENOTES A SLAB CONSTRUCTION JOINT. SEE DETAIL 1/5-102. C.J.'s IN APRONS ARE TOOLED JOINTS.
17. C.J. - DENOTES A SLAB CONTROL JOINT. SEE DETAIL 10/5-102.
18. SEE DRAWING S-200 FOR GENERAL MASONRY REINFORCING NOTES.

T.W.E. AT
100'-0", TYP
U.O.N.



#6's x 60" DOWELS
at 32" O.C. INTO
MASONRY WALLS.
THESE 8" CMU
WALLS (ABOVE) TO
HAVE #6's at 32"
O.C. VERT. BARS

REPRESENTS
MASONRY DOWELS
AND VERTICAL
CHORD
REINFORCING IN
MASONRY WALLS.
SEE DTLS 1/5-101
AND 8/5-103

(2) #6's DOWELS and
CMU VERT. CHORD
REINFORCING at ENDS OF
SHEAR WALLS. TYP.
at 4' LOC. SEE DET. 8/5-103

T.W.E. =
99'-4"
M.O.

T.W.E. =
100'-0"
M.O.

FULL SIDE OF
ACCESSIBLE DOOR!

3 PART PLAN at STAIR TOWER

S-100 SCALE: 1/8" = 1'-0"

2 DETAIL - THRESHOLD

S-100 SCALE: 1" = 1'-0"