

		Email Memorandum	
To:	Glide Rural Fire Protection District Attn: Beth Werner	Email :	glidefire@glidefire.org
From:	Matt Keller, PE, CSI	Subject:	Shear Wall Repair Plan
Date:	19 May 2022	Project #:	21855.12

In response to your question regarding repair of damaged shear walls that have had the existing structural sheathing removed along the bottom 24 inches of the wall, Pinnacle Engineering, Inc. (PEI) has prepared a repair plan.

The repair plan shows the locations, as outlined by Glide Rural Fire Protection District, that require the repair and what nailing pattern is required for the repaired sections. Additional 2x blocking will be required to be installed at the edge of the existing panel edge, approximately 24" above the finished floor.

See the repair plan and associated details in Figures 1 and 2, attached.

If you have additional questions or clarifications, please do not hesitate to contact me.

Regards.

Encl;



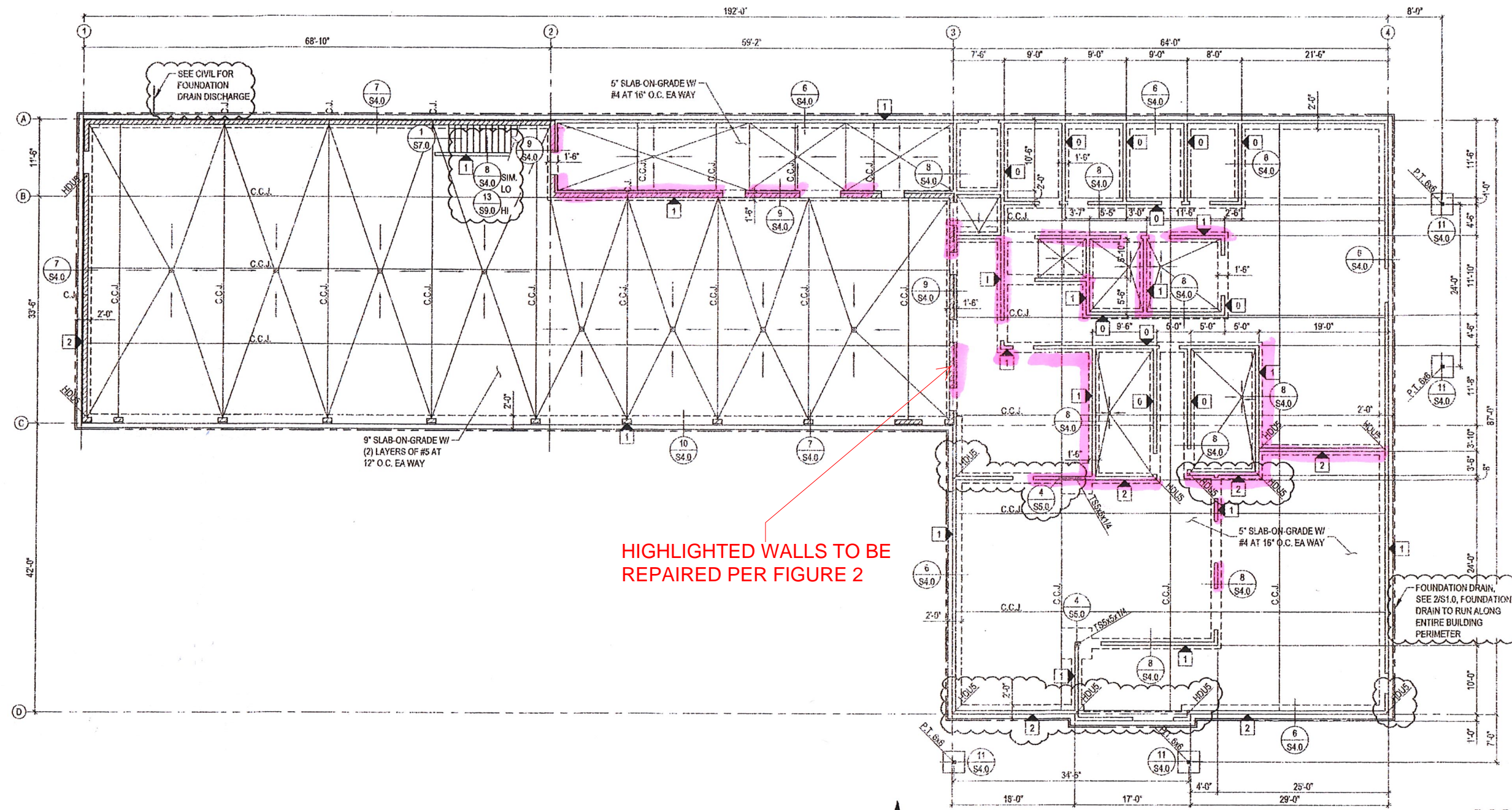
EXPIRES: 06/30/2023

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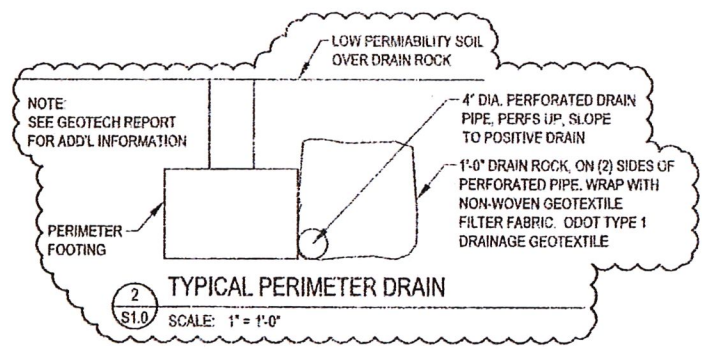
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PAUL L BENTLEY Architect A.I.A. P.C.



HIGHLIGHTED WALLS TO BE REPAIRED PER FIGURE 2

1 FOUNDATION PLAN
 S1.0 SCALE: 1/8" = 1'-0"



LEGEND

	SIMPSON HOLDOWN, SEE 2/S6.0
	STUD WALL, 2x6 AT 16" O.C. U.N.O.
	C.C.J. CONTRACTION CONTROL JOINT SEE 1/S4.0
	(XXX)XX TOP OF FOOTING ELEVATION
	X STUDWALL SHEATHING MARK SEE 3/S6.0
	- SLOPED SLAB-ON-GRADE, 1/4" PER FOOT MAX SLOPE
	☐ CATCH BASIN
	• FLOOR DRAIN
	C.J. CMU CONTROL JOINT, SEE 1/S5.0
	ELEV. XXX.XX TOP OF SLAB ELEVATION
	4'-0" TALL 8" CMU W/ STUD WALL ABOVE, 2x6 AT 16" O.C.

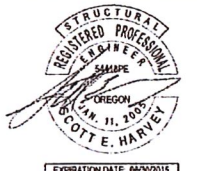
NOTE: TYPE 0 SHEARWALLS DO NOT REQUIRE STRUCTURAL SHEATHING PROVIDE 5/8" DIA. A.B. AT 6'-0" MAX SPACING

- PLAN NOTES:
- SEE S4.0 FOR TYPICAL FOUNDATION DETAILS.
 - ALL EXTERIOR WALLS ARE TYPE 1 SHEARWALLS U.N.O.
 - PROVIDE OPENINGS IN MASONRY WALLS AS REQUIRED BY DOOR MFR. FOR ROUGH OPENINGS.

FIGURE 1

A NEW MAIN FIRE STATION FOR:

GLIDE RURAL FIRE PROTECTION DISTRICT
 HWY 138
 GLIDE, OR

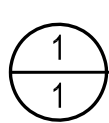
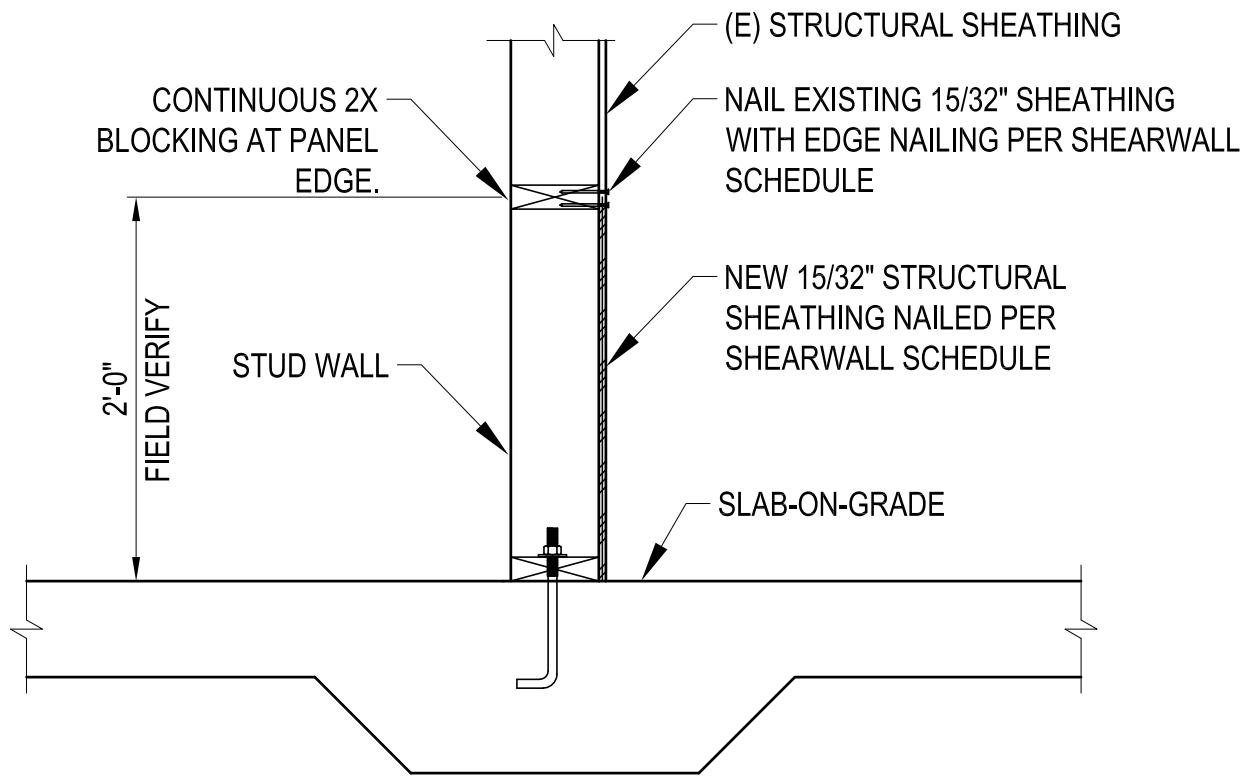


EXPIRATION DATE: 06/30/2015

DRAWN BY:	AC
CHECKED BY:	SH
DATE:	10/28/2013
TITLE:	FOUNDATION PLAN
SCALE:	AS SHOWN

SHEET NO:	S1.0
	2 OF 10





SHEARWALL REPAIR DETAIL

SCALE: 1" = 1'-0"

SHEAR WALL SCHEDULE

MARK	PLYWOOD THICKNESS	EN (EDGE NAILING)	AB (ANCHOR BOLTS)	SN (SHEAR NAILING)	SILL PLATE NOMINAL THICKNESS	STUD NOMINAL THICKNESS
1	15/32"	10d AT 6" O.C.	5/8Ø AT 40"	16d AT 5" O.C.	2x	2x
2	15/32"	10d AT 4" O.C.	5/8Ø AT 32"	16d AT 3" O.C.	2x	2x

- NOTE:
- 1 - WOOD STRUCTURAL PANEL MARK
 - PROVIDE PLATE WASHERS 3/16" x 2" x 2" TYP. AT ANCHOR BOLTS
 - PROVIDE BLOCKING AT HORIZONTAL JOINTS
 - SHEAR WALL MARK APPLYS TO ENTIRE LENGTH OF CONTINUOUS WALL, INCLUDING ABOVE DOORS AND WINDOWS AND BELOW WINDOWS.
 - SEE 2/S5.0 FOR TYP. SHEARWALL.