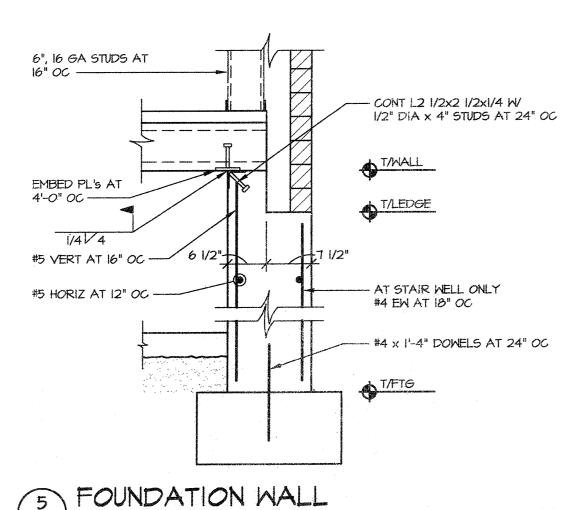
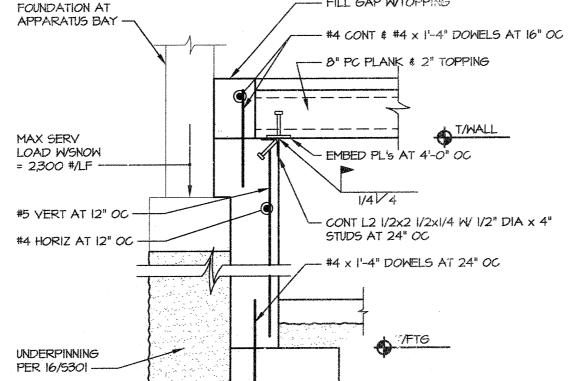


THICKENED SLAB FOR 2 NON-LOAD BEARING WALLS 3 TYP WALL CORNER REINFORCEMENT (5301) SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0"



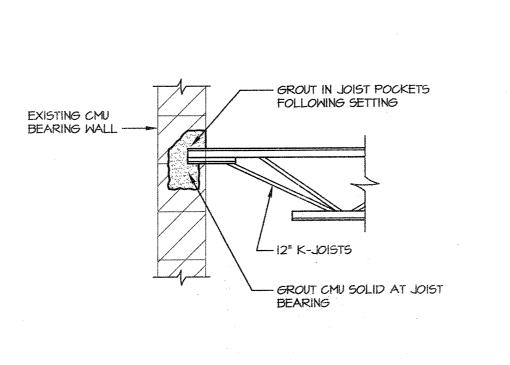


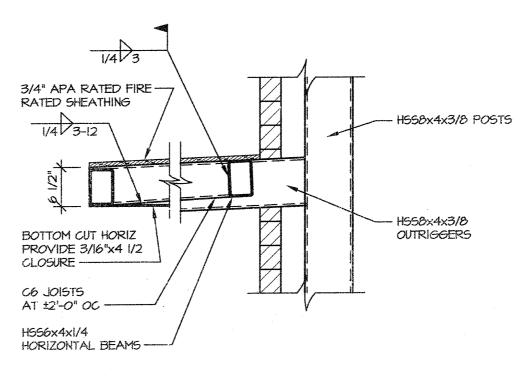


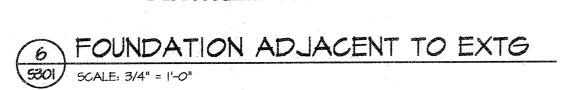
---- FILL GAP WITOPPING

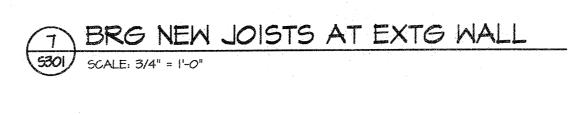
2 TYPICAL STOOP

EXISTING WALL AND

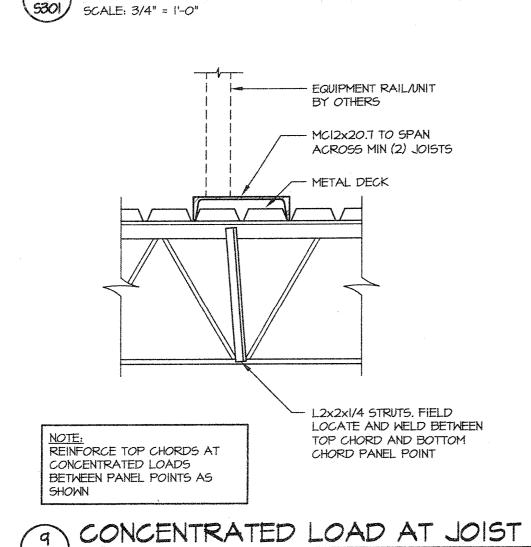


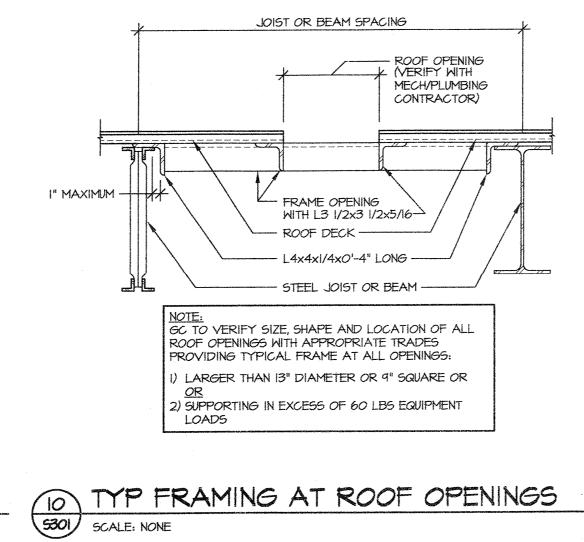


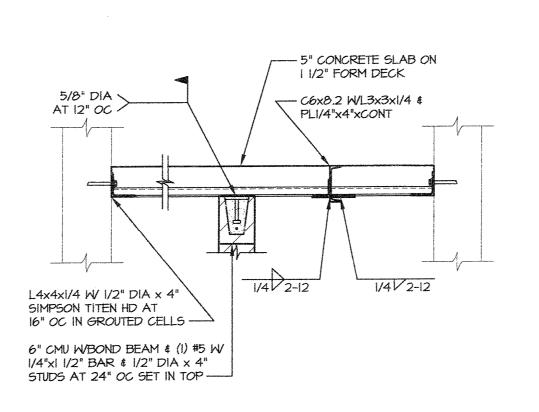


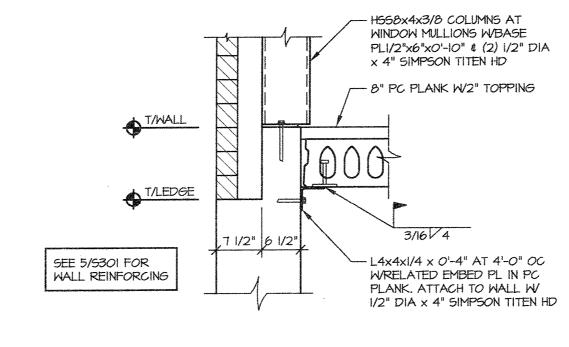






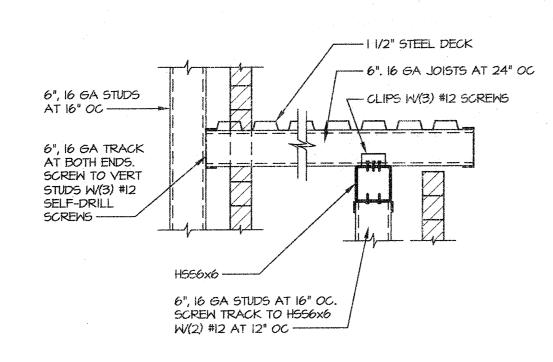


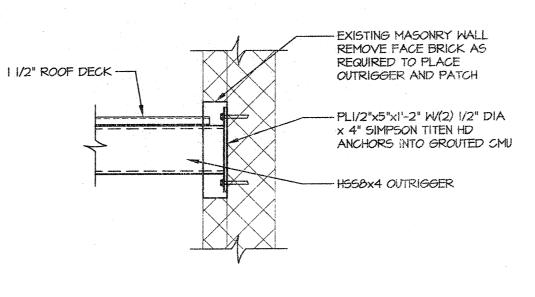


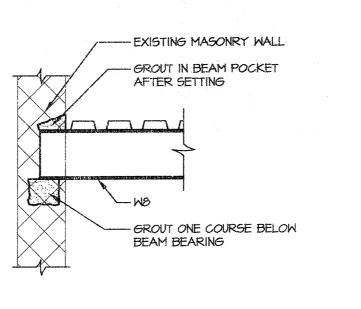


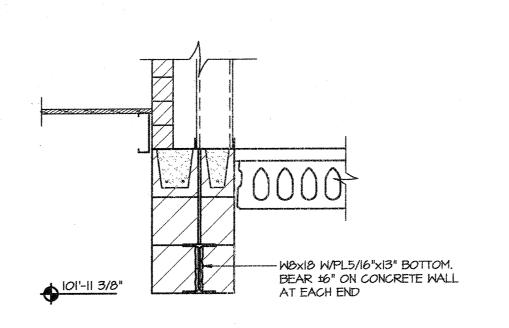






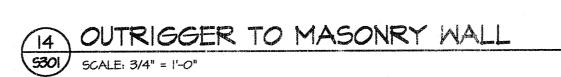






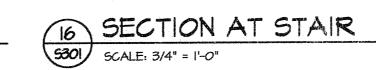


5301 SCALE: NONE



CELL #2, STRAIGHTEN OUT BENT DOWELS AS SHOWN ABOVE AND





	EXISTING FOOT	ring
	(2) #5x3'-0" HC (2) #5x3'-0" VE TYPICAL EACH	ORIZONTAL AND ERTICAL BARS I CELL
	EXISTING SOIL	

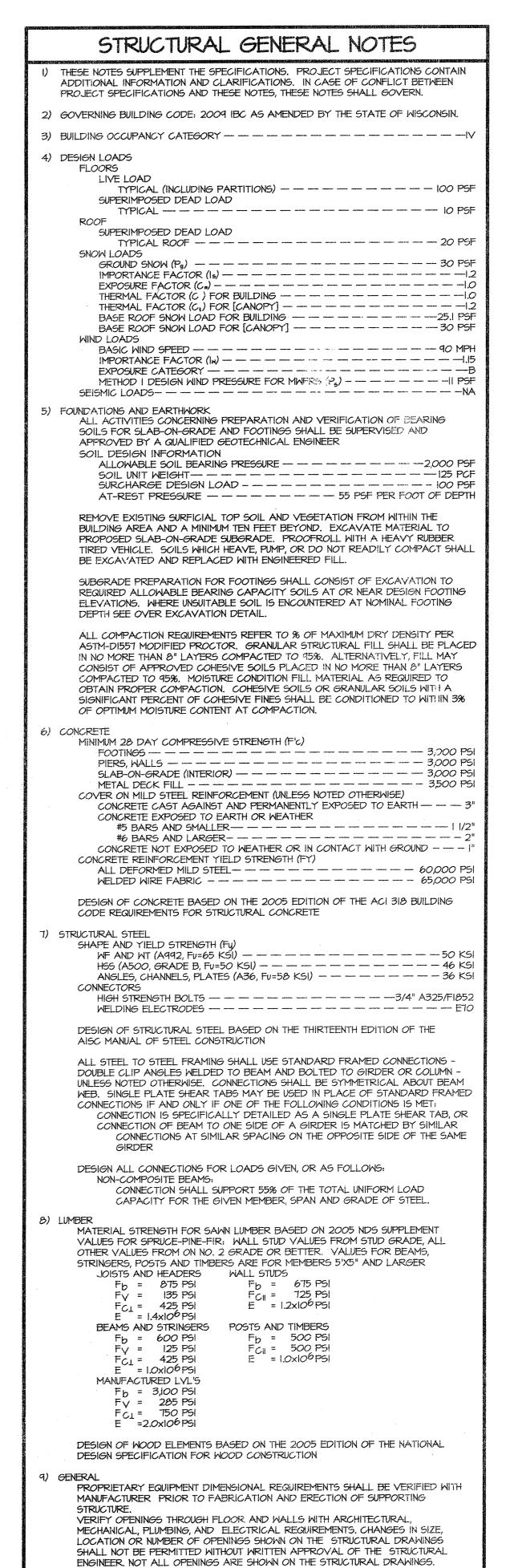
DOWEL, (2) PER CELL V

EDGE, SEE NOTE 2

- TYPICAL UNDERPINNING

	UND	UNDERPINNING NOTES:		
		FOOTING TO BE UNDERPINNED LINIDERPINNING 2 1 3		
AL AND BARS		UNDERPINNING 2 1 3 SEQUENCE 2 1 3		
	1)	UNDERPINNING SHALL BE COMPLETED IN 3'-0" \times 3'-0" MAXIMUM EXCAVATIONS (CELLS).		
	2)	THICKNESS OF UNDERPINNING CELL IS THE RESPONSIBILITY OF THE UNDERPINNING CONTRACTOR AND SHALL BE SIZED IN ORDER TO MAINTAIN LATERAL STABILITY OF THE EXISTING CONDITIONS.		
	3)	IN CELL #1, INSERT (2) #5 GRADE 40 BENT DOWELS ALONG EDGES COMMON TO AN ADJACENT CELL AND PLACE (2) HORIZONTAL AND (2) VERTICAL BARS AS SHOWN ABOVE. PLACE BARS TO MAINTAIN 4" COVER TO EXPOSED FACE OF UNDERPINNING.		
ol-e CELL	4)	EACH HORIZONTAL ROW OF UNDERPINNING SHALL BE COMPLETED IN (3) CYCLES WITH A MINIMUM OF 24 HOURS BETWEEN CYCLES. AFTER PLACING REINFORCEMENT AS DESCRIBED IN 3), FILL EXCAVATED CELL WITH CONCRETE TO WITHIN 2" OF CONCRETE ABOVE.		
	5)	AFTER 24 HOURS FILL 2" VOID WITH DRY PACK GROUT (2 1/2 PARTS OF CLEAN SHARP MASON SAND AND I PART PORTLAND CEMENT) THOROUGHLY RAMMED INTO PLACE. PROCEED TO EXCAVATE		





IO) EXISTING CONDITIONS

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE

STRUCTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE

ACTUAL EXISTING FIELD CONDITIONS. ARNOLD AND O'SHERIDAN, INC. MAKES NO

WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THE NEW WORK, REPORT DISCREPANCIES BETWEEN

THE DRAWINGS AND FIELD CONDITIONS TO THE A/E FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE A/E IS SUBJECT

TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.

CONSULTANT ARNOLD & O'SHERIDAN, INC. 1111 DEMING WAY MADISON, WI 53717 T/ 608 821 8500 F/ 608 821 8501 A&O PROJECT #111498 Contractors are responsible for the means, methods, techniques sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items. DRAWING SET PLAN REVISION 2012 COPYRIGHT STRANG, INC. FILE NAME 111498 S301.dwg.dwg REVISIONS DRAWN

STRANG

ARCHITECTURE

INTERIOR DESIGN

6411 MINERAL POINT ROAD

MADISON, WI 53705-4395

ENGINEERING

STRANG INC.

T/ 608 276 9200 F/ 608 276 9204

DAS PEK CHECKED DATE 02/07/12 PROJECT NO. 2011009

PROJECT TITLE

CITY OF MADISON FIRE STATION #2 **ADDITION AND** REMODELING

421 GRAND CANTON DRIVE MADISON, WISCONSIN

SHEET TITLE

STRUCTURAL DETAILS

SHEET NO.

UNDERPINNING DETAIL 5301 SCALE: NONE

3'-0"
MAXIMUM