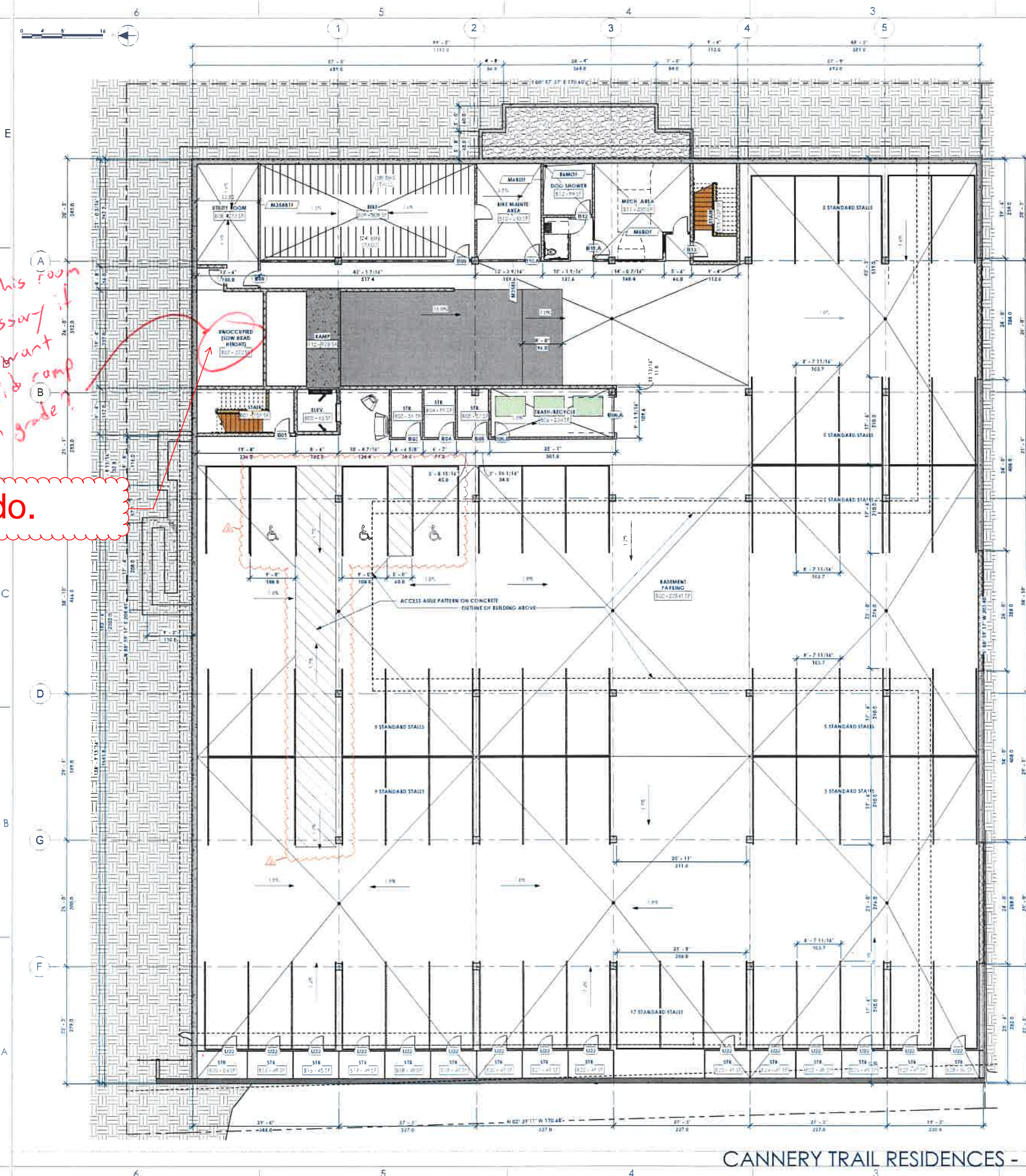


Is this room necessary if we want solid ramp on grade?

will do.



AREA PER FLOOR		
Phase	Level	Area
1ST FLOOR	1ST FLOOR	10,292 SF
2ND FLOOR	2ND FLOOR	10,185 SF
3RD FLOOR	3RD FLOOR	10,185 SF
BASEMENT	BASEMENT	10,185 SF
TOTAL		40,847 SF

PARKING - RAMP			
Phase	Level	Type	Parking/Bike
1ST FLOOR	1ST FLOOR	BIKE	1
BASEMENT	BASEMENT	STANDARD	62
TOTAL			

PARKING - BIKE			
Phase	Level	Type	Parking/Bike
1ST FLOOR	1ST FLOOR	BIKE	15
BASEMENT	BASEMENT	BIKE	67
TOTAL			

**CAPITAL GROUP**  
Developer: W Capital Group  
1400 W Capital Group  
1400 W Capital Group  
1400 W Capital Group

**ROYAL CONSTRUCTION**  
General Contractor: ROYAL CONSTRUCTION  
3652 Greenway Street | Eau Claire, WI 54601  
jroyal@royalconstruction.com | 715-225-6377

**Cedar Corporation**  
Civil Engineer: CEDAR CORPORATION  
804 Wilson Avenue | Menomonie, WI 54751  
kennedy@cedarcorp.com | 715-225-6377

**XC**  
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Calle Apolonio Morales, 430054 Madrid  
jpenalva@xcstructural.com | +34 610 56 26 37

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Structural Engineer of Record: Innovation  
4729 Dale-Curtain Dr | McFarland, WI 53558  
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10954 E. Melby Street | Chippewa Falls, WI 54729  
jpenalva@hovlands-hvac.com | 715-552-5595

**PRISM DESIGN**  
Electrical Engineer: PRISM DESIGN ELECTRICAL CONSULTANTS INC  
8040 State Rd 85 | Menomonie, WI 54751  
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**TE TAILORED ENGINEERING**  
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bneval@tailoredeng.com | 608-225-7800

**SEALING**  
SEALING  
SEALING  
SEALING

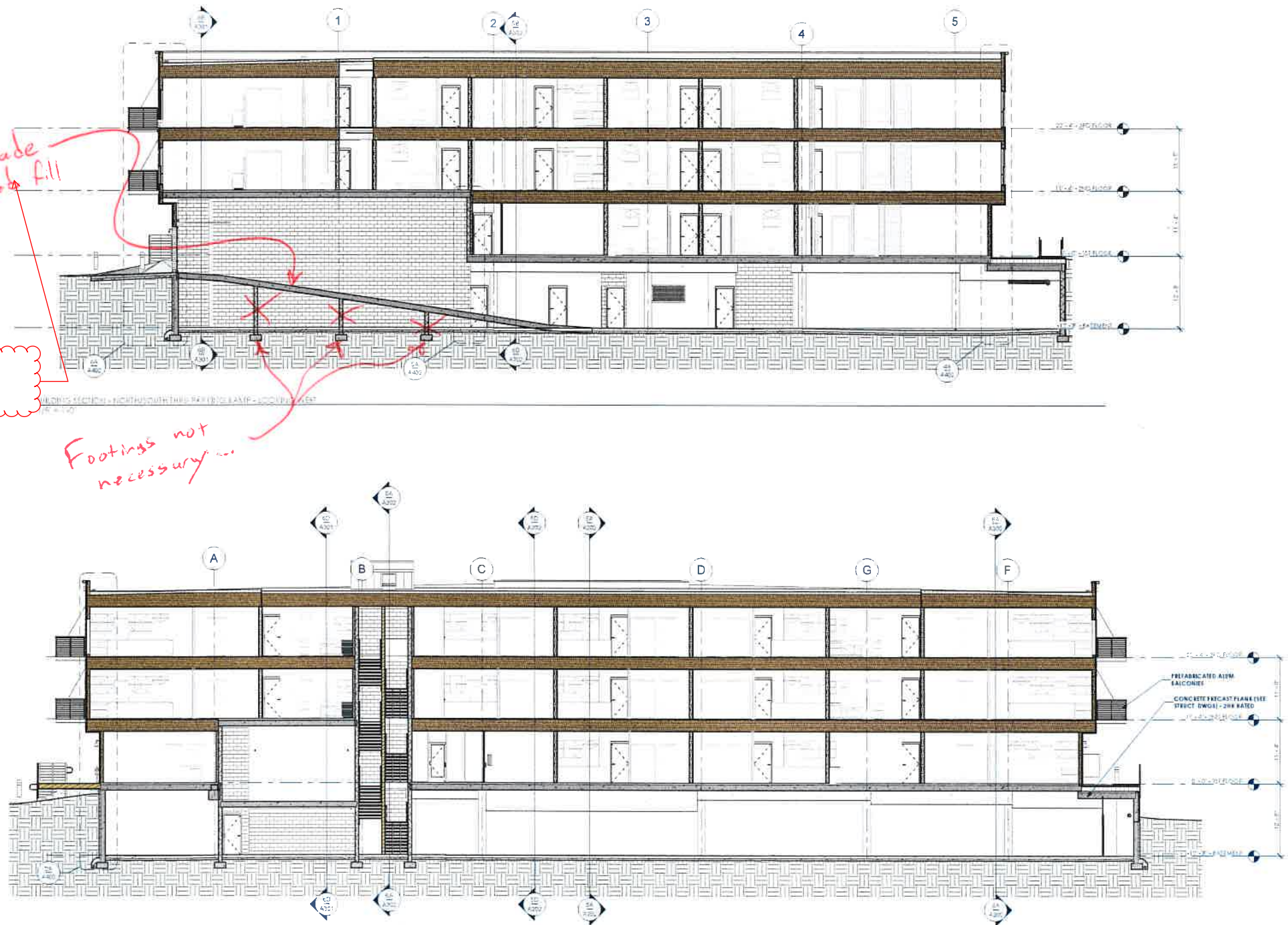
Date	Description
08/15/2019	75% CD Set
08/20/2019	Permit
09/21/2019	Permit Revision



Slab on grade  
over compacted fill

will do.

Footings not  
necessary



BUILDING SECTION - EASTWEST AT RAMP - LOOKING SOUTH

SECTIONS - BUILDING  
CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

**W**  
CAPITAL GROUP  
Developer: W Capital Group  
http://wcapitalgroup.com | 608.345.9546

**d**  
Architect: OpeningDesign  
316 W Washington Ave | Suite 475  
Madison, WI 53703  
http://openingdesign.com | 773.425.6456

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General Contractor: ROYAL CONSTRUCTION  
3653 Greenway Street | Eau Claire, WI 54601  
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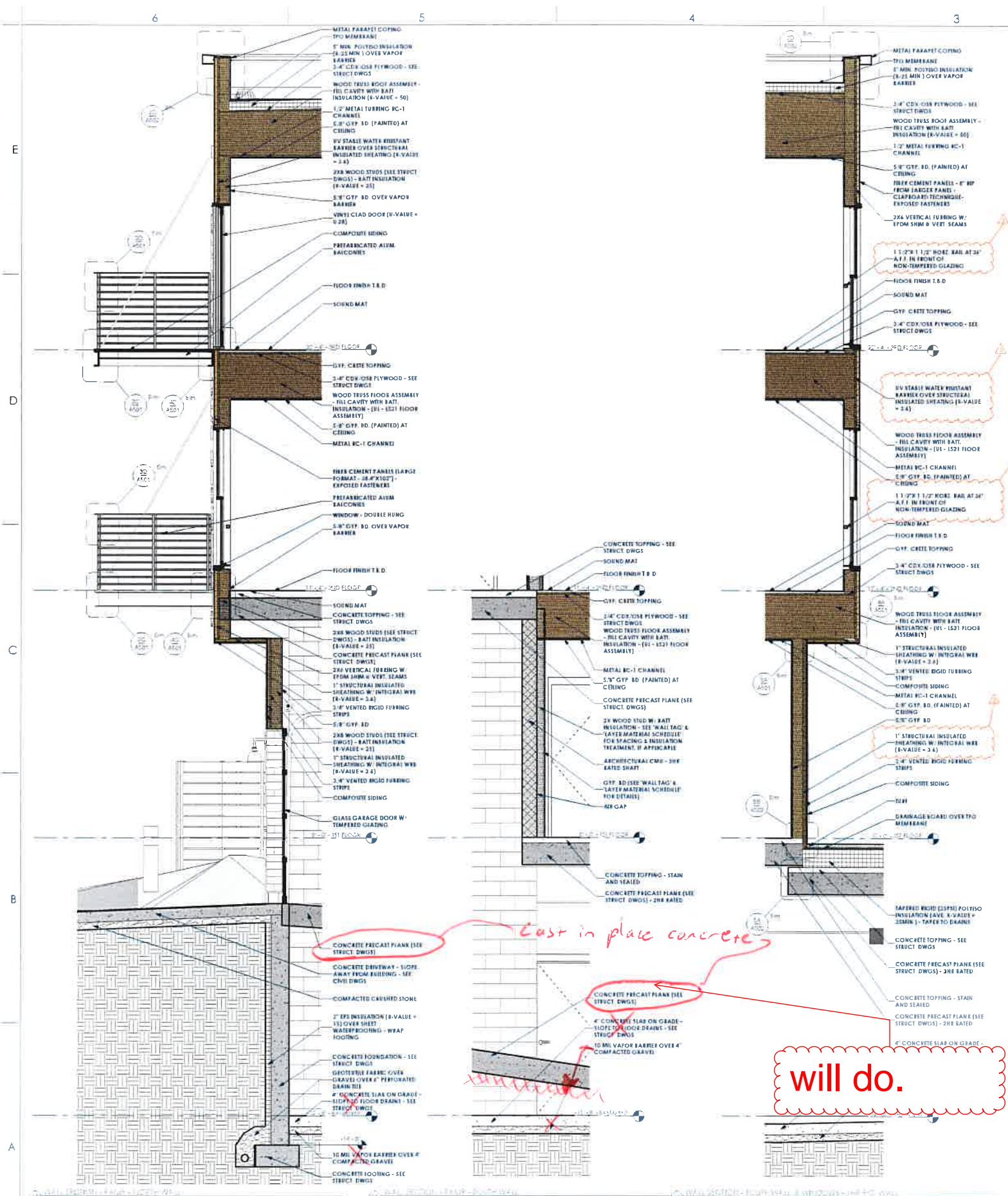
**TAILORED**  
ENGINEERING  
Plumbing Engineer: TAILORED ENGINEERING  
1600 Aspen Corridor | Ste 210 | Middleton, WI 53562  
http://bnoak@tailoredeng.com | 468.205.7500



Date	Description
08/15/2019	75% CD Set
08/21/2019	Permit
09/21/2019	Permit Revision

A301  
9/20/2019 4:20:56 PM





**CAPITAL GROUP**  
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kiley.kennel@ennoval.com

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Mechanical Engineer: HOVLAND'S HVAC  
10954 E. Maple Street | Chippewa Falls, WI 54729  
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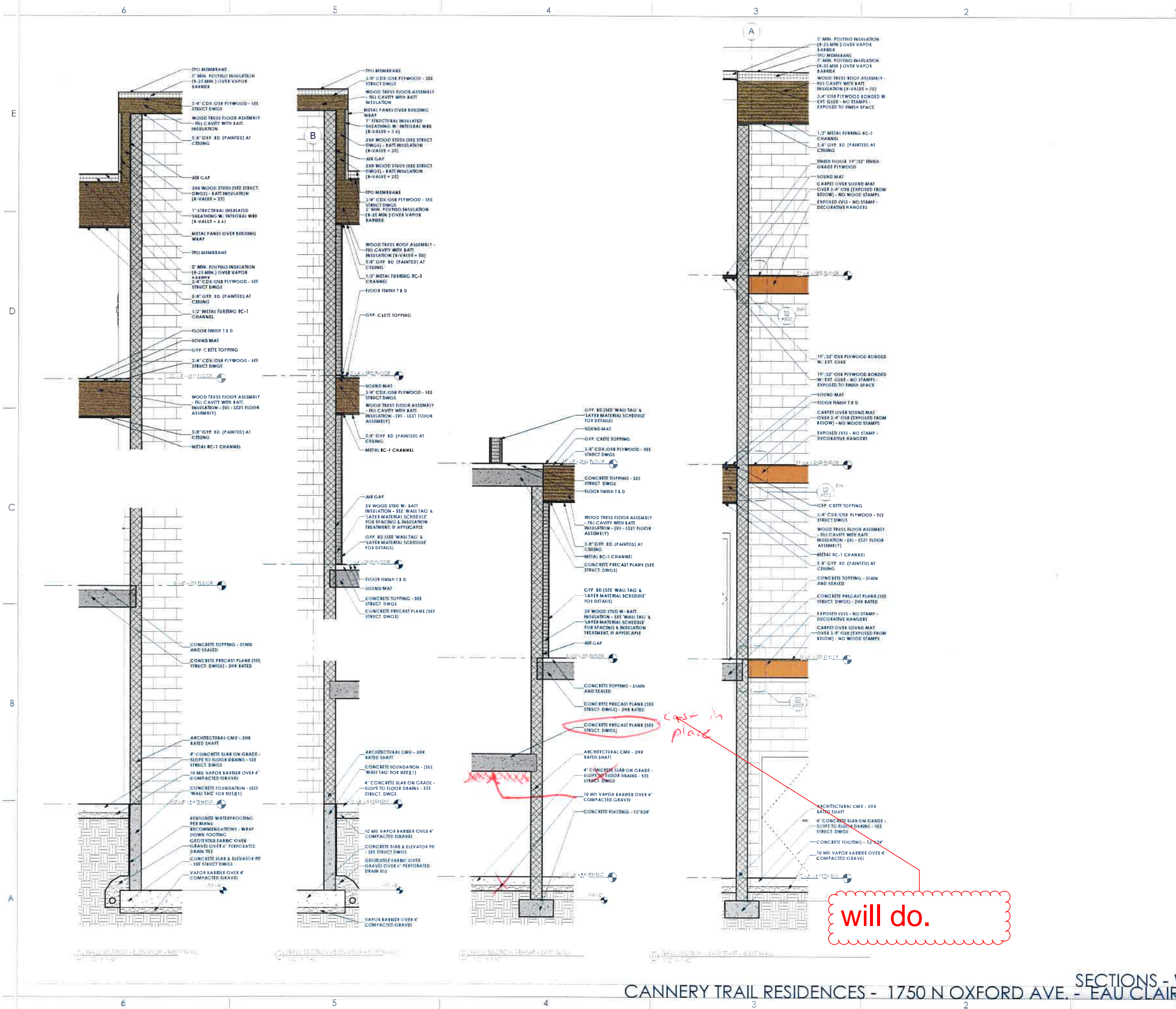
**PRISM DESIGN**  
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E8403 State Rd 85 | Mendota, WI 53755  
eholger@prismdesign-electrical.com | 715.797.0602

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Date	Description
08/15/2019	75% CD Set
08/21/2019	Permit
09/21/2019	Permit Revision





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1414 W Capital Group  
1414 W Capital Group  
1414 W Capital Group

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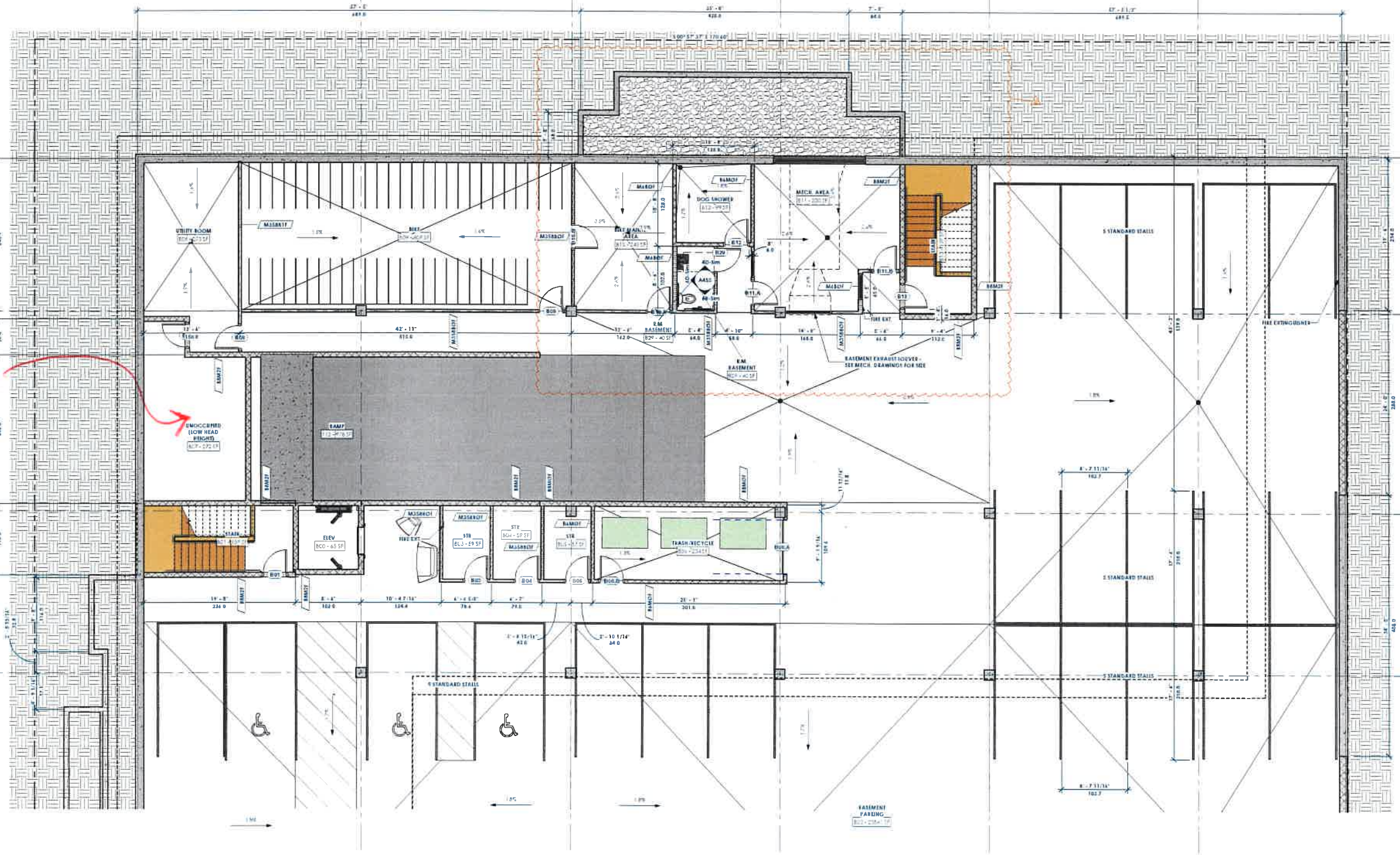
**PRISM DESIGN**  
Electrical Engineer: PRISM DESIGN ELECTRICAL CONSULTANTS INC.  
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Date	Description
08/15/2019	75% CD Set
08/21/2019	Permit
09/21/2019	Permit Revision



necessary??



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4727 Cole-Curtis Dr | McFarland, WI 53558  
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Mechanical Engineer: HOVLAND'S HVAC  
10954 E. Melby Street | Chippewa Falls, WI 54729  
johansen@hovlands-hvac.com | 715.562.5995

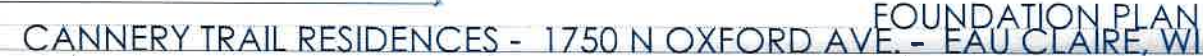
**PRISM DESIGN**  
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5201-1515 BIC  
68403 State Rd 85 | McAdams, WI 54555  
chad@prismdesign-electrical.com | 715.797.0622

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Date	Description
08/20/2019	Permit
09/21/2019	Permit Revision





MASONRY WALL FOOTING SCHEDULE			
MARK	WIDTH	THICKNESS	LONGITUDINAL
MWF.1	2' - 0"	1' - 0"	(2)RS
MWF.2	3' - 0"	1' - 2"	(2)RS

**MASONRY WALL FOOTING SCHEDULE**

1. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. REFER TO FOUNDATION PLAN FOR LOT OF FOOTING ELEVATIONS
3. ALL FOOTING ELEVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.

THICKENED SLAB SCHEDULE				
MARK	DIMENSIONS		REINFORCEMENT	REMARKS
	WIDTH (x-CONT)	THICKNESS	LONGITUDINAL	
T220	2'-0"	1'-0"	(#) RS	THICKENED SLAB, REFER TO 11/

THICKENED SLAB SCHEDULE NOTES

1. REFER TO STRUCTURAL NOTED SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. ALL FOOTING ELEVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.

WALL FOOTING SCHEDULE				
MARK	DIMENSIONS		REINFORCEMENT	
	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE
WF26	2'-6"	1'-2"	13#5	
WF30	2'-0"	1'-2"	13#5	
WF48	4'-6"	1'-2"	13#5	

**COLUMN FOOTING SCHEDULE NOTES**

- REFER TO STRUCTURAL NOTES SHEET FOR MINIMUM COVER REQUIREMENTS
- REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS
- REFER TO FOOTING ELEVATIONS SHALL BE IDENTIFIED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETE
- ALL LAP IN STEEL REINFORCING SHALL BE CLASSED "B" LAP SPACES UNLESS NOTED OTHERWISE.

COLUMN FOOTING SCHEDULE										
Type Mark	Type	No.	R E C	Dimensions			Excav. Reinforg.			Type Comments
				Width	Length	Depth	Volume	Long	Short	
FT70	FT70 - 7-4x7-4	1	1'-4"	0'-7"	0'-0"	1'-8"	81.62 CF	10'-47	10'-47	
FT90	FT90 - 9-4x9-4	1	1'-4"	0'-7"	0'-0"	2'-1"	168.72 CF	10'-48	10'-48	
FT64a	FT64a - 6-4x6-4	1	1'-4"	0'-7"	0'-6"	2'-6"	225.63 CF	10'-47	10'-47	
FT100a	FT100a - 10-6x10-6	2	1'-4"	0'-8"	0'-0"	2'-1"	208.32 CF	11'-46	11'-46	
FT100b	FT100b - 10-6x10-6	3	1'-4"	0'-8"	0'-0"	2'-2"	220.60 CF	11'-46	11'-46	
FT100c	FT100c - 10-6x10-6	4	1'-4"	0'-8"	0'-0"	2'-6"	275.63 CF	11'-46	11'-46	
FT110a	FT110a - 11-6x11-6	2	1'-4"	0'-11"	0'-0"	2'-2"	272.25 CF	12'-45	12'-45	
FT110b	FT110b - 11-6x11-6	2	1'-4"	0'-11"	0'-0"	2'-6"	302.60 CF	12'-45	12'-45	
FT116	FT116 - 11-6x11-6	2	1'-4"	0'-11"	0'-0"	11'-8"	320.52 CF	12'-45	12'-45	
FT120a	FT120a - 12-6x12-6	4	1'-4"	0'-12"	0'-0"	2'-6"	442.00 CF	12'-46	12'-46	
FT120b	FT120b - 12-6x12-6	3	1'-4"	0'-12"	0'-0"	2'-6"	504.93 CF	13'-48	13'-48	
FT128	FT128 - 12-6x12-6	3	1'-4"	0'-12"	0'-6"	2'-6"	665.88 CF	13'-48	13'-48	

CONCRETE WALL REINFORCING SCHEDULE					
MARK	TYPE	THICKNESS	REINFORCEMENT		REMARKS
			VERTICAL	HORIZONTAL	
W1	CONCRETE	14"	3# 14" @ 18"	5# 14" @ 12"	inside face
W2	CONCRETE	12"	3# 14" @ 12"	4# 14" @ 12"	inside face
W3	CONCRETE	8"	4# 14" @ 12"	3# 14" @ 12"	centered in wall thickness
W4	CONCRETE	8"	4# 14" @ 12"	3# 14" @ 12"	inside face

CONCRETE WALL REINFORCING SCHEDULE NOTES  
 I REFER TO STRUCTURAL NOTES SHEET FOR LAP IN STEEL REINFORCEMENT  
 I HAVE LISTED ALL OVERLAP AND UNANCHORED DEVELOPMENT LENGTHS AND EXIST. CONDITIONS

Cast in place footings & piers?  
To support precast beams...

Date	Description
07.08.2019	Footings/Foundation Permit
08.15.2019	75% CD Set
08.21.2019	Permit
10.09.2019	IFC - Foundation
10.15.2019	Updated Foundation Details



6 5 4 3 2 1

E

B7

D

C2

C

B

A

this detail occurs at the wall west of the ramp, at the 1st floor, which has 8" cmu wall the wall up.

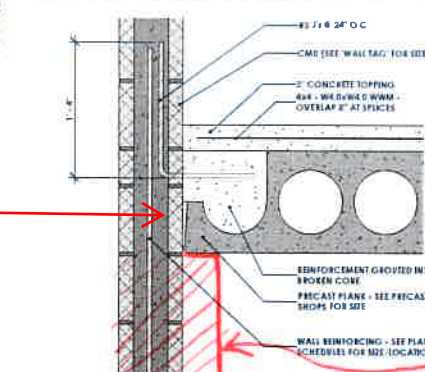
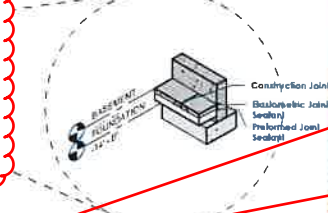
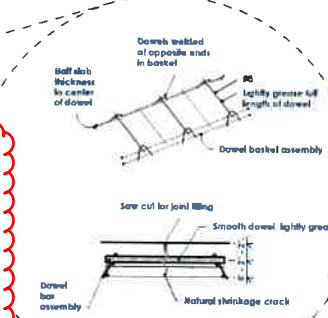
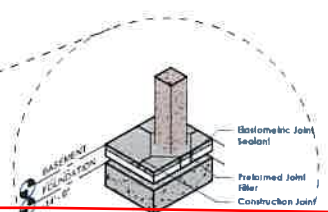
This will change slightly now, with the new concrete walls along the ramp.

Yes, we are proposing 2x8's 19.2" o.c. at the exterior walls. This will fit into the 38.4" module--hopefully reducing waste.

Please let us know if this approach works with the framer.

will do. Pending

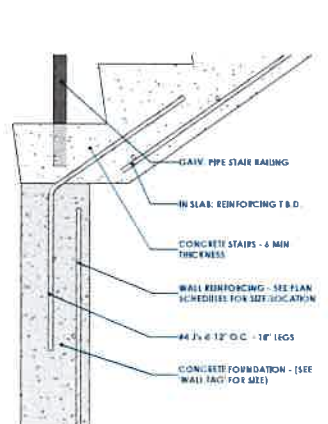
Extend foundation wall to finish floor topping elev.



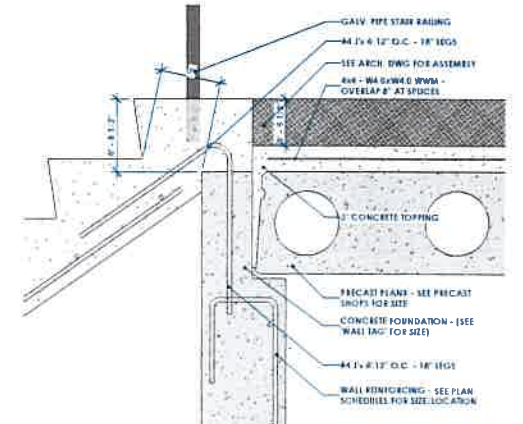
2 S201 1 1/2" = 1'-0"

3 S201 1 1/2" = 1'-0"

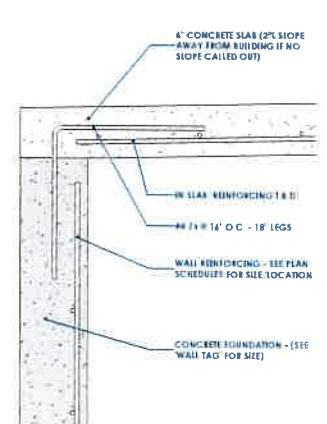
5 S201 1 1/2" = 1'-0"



7 S201 1 1/2" = 1'-0"



9 S201 1 1/2" = 1'-0"



10 S201 1 1/2" = 1'-0"

**CAPITAL GROUP**  
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tyler.f.wcapitalgroup.com | 408.345.9648

**Architect: Opening Design**  
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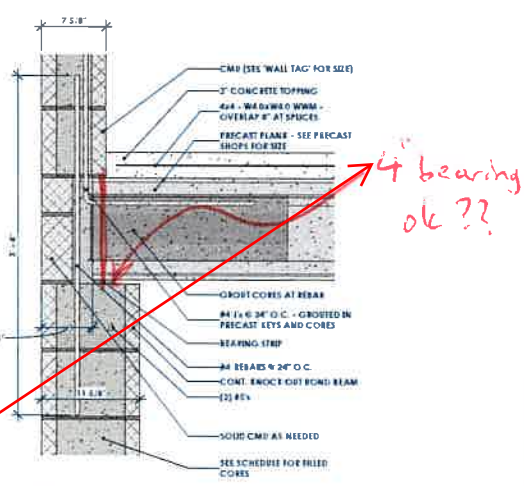
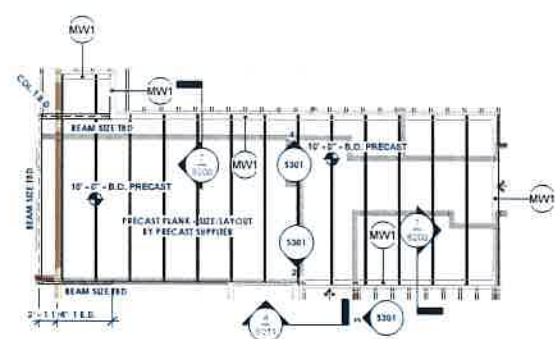
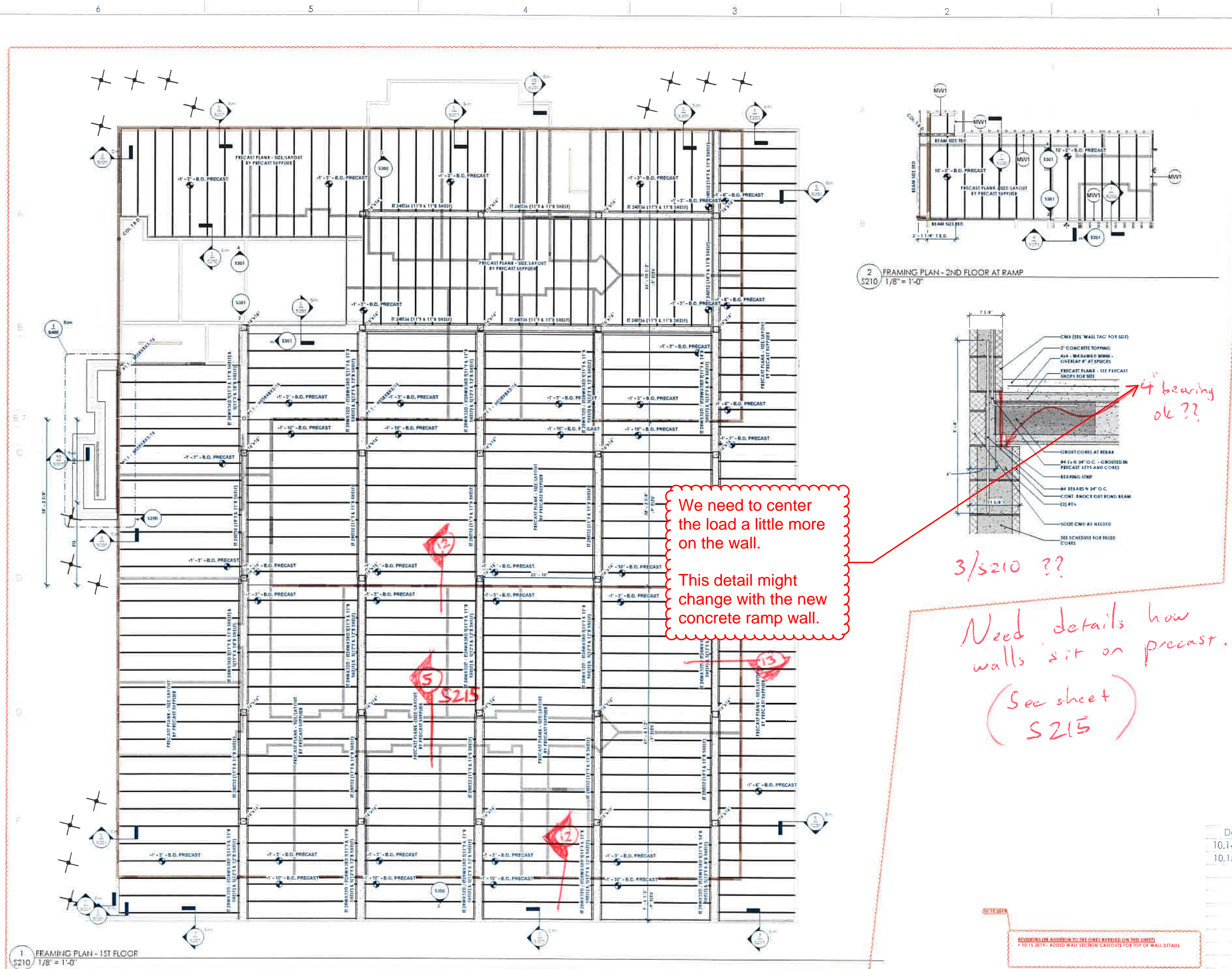
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Date	Description
07.08.2019	Footings/Foundation Permit
08.21.2019	Permit
10.09.2019	IFC - Foundation
10.15.2019	Updated Foundation Details





We need to center the load a little more on the wall.

This detail might change with the new concrete ramp wall.

3/5210 ??

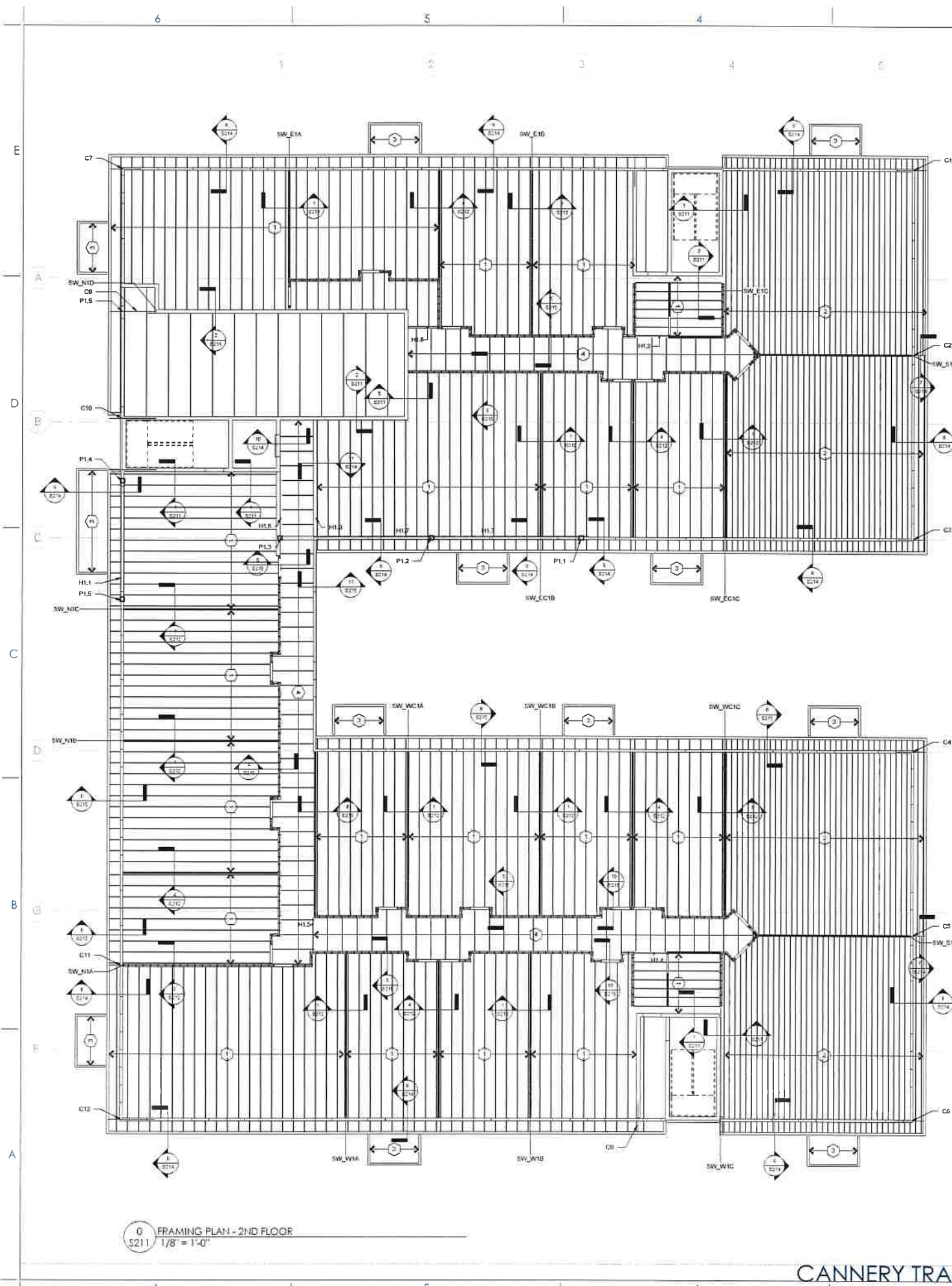
Need details how walls sit on precast.

(See sheet S215)

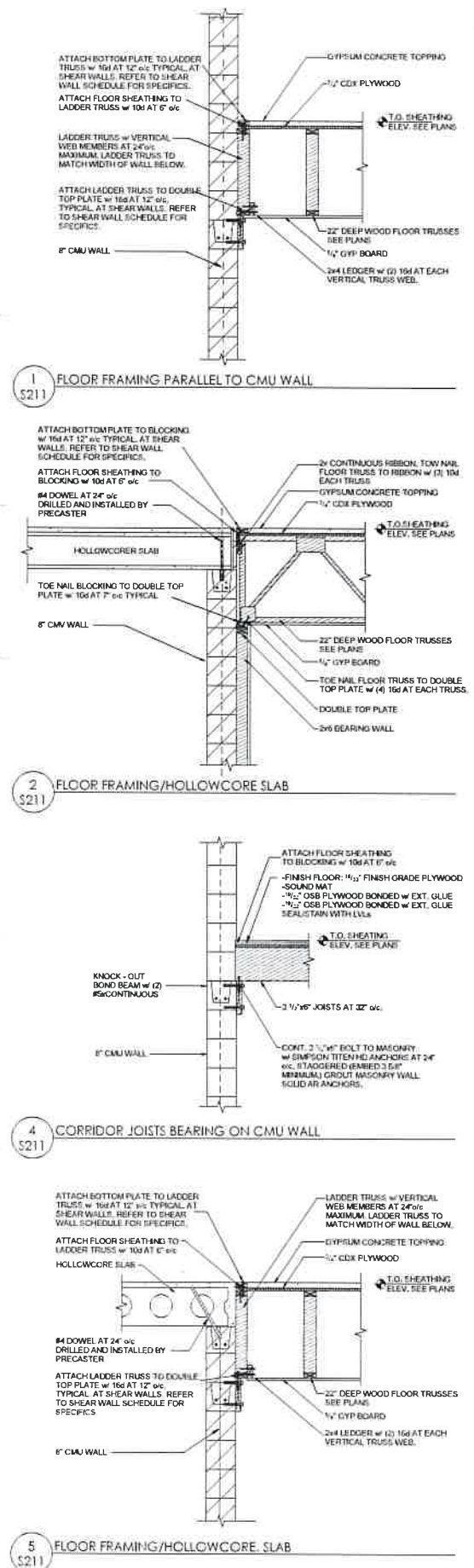
- W CAPITAL GROUP**  
Developer: W Capital Group  
1617 W Capital Group | 608.345.9848
- d**  
Architect: Opening Design  
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Date	Description
10.14.2019	for Precast Supplier
10.15.2019	Updated Foundation Details





0 FRAMING PLAN - 2ND FLOOR  
1/8" = 1'-0"



- WOOD FLOOR PLAN NOTES:**
- 1) 2" DEEP PARALLEL CHORD FLOOR TRUSSES AT 24" o.c.
  - 2) 2" DEEP PARALLEL CHORD FLOOR TRUSSES AT 12" o.c.
  - 3) PREFABRICATED SIDE HUNG METAL BALCONY, BY OTHERS
  - 4) 31/16" JOISTS AT 32" o.c.
- "SEE HEADER/POST SCHEDULE IN S216 SHEET"  
"SEE SHEAR WALL SCHEDULE IN S216 SHEET"

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**Structural Engineer: YC Structural Engineering**  
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800.441.4411

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800.441.4411

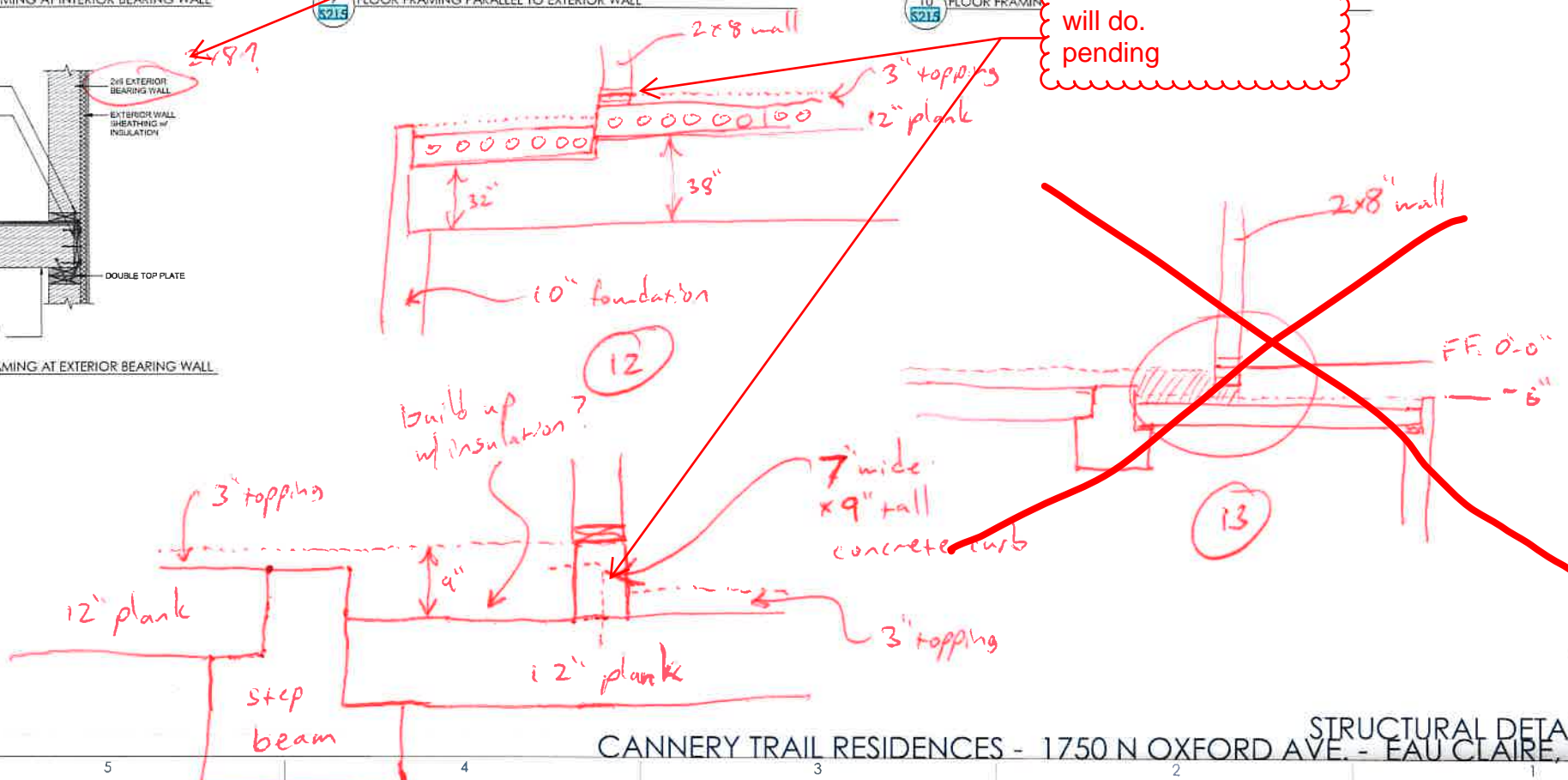
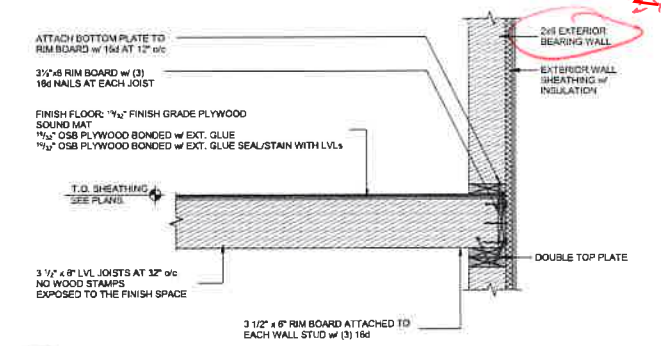
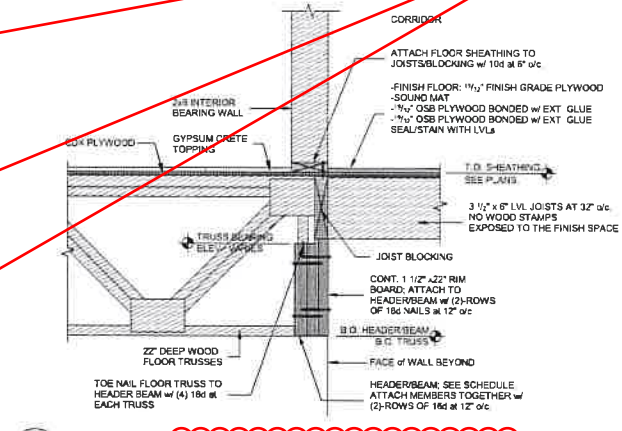
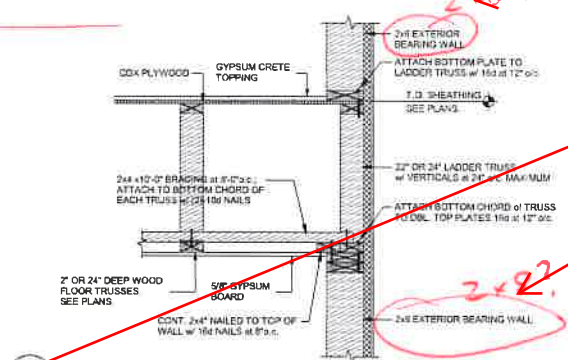
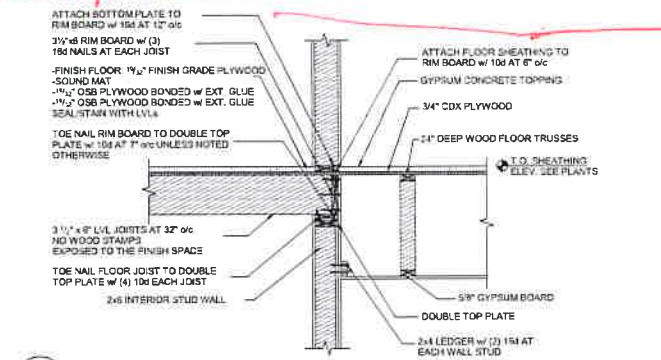
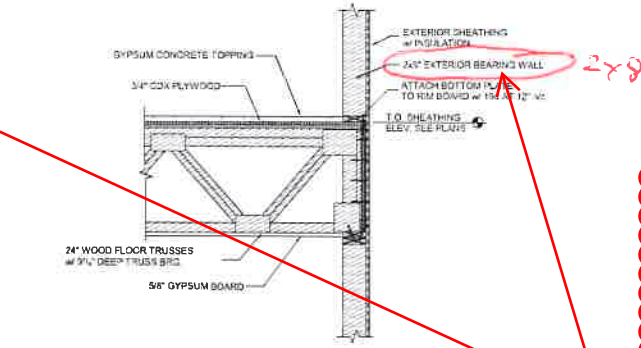
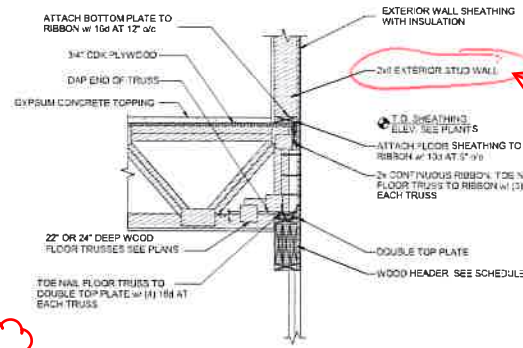
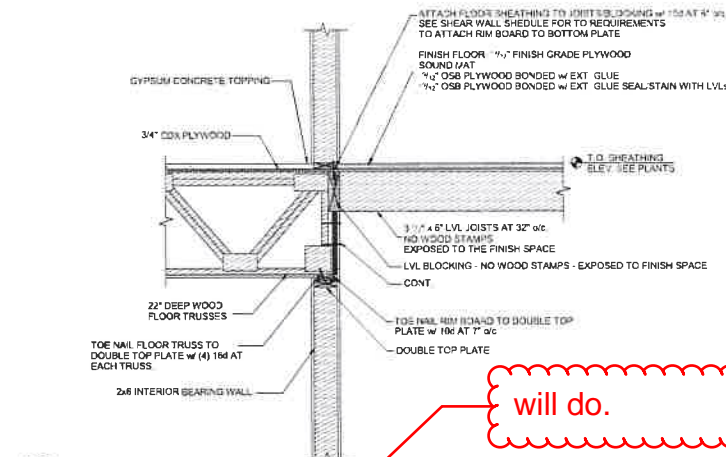
**Professional Engineer Seal:**  
KURT D. FREY  
E-24433  
MADISON, WI  
6-21-2019

Date	Description
08.15.2019	75% CD Set
08.21.2019	Permit









Yes, we are proposing 2x8's 19.2" o.c. at the exterior walls. This will fit into the 38.4" module--hopefully reducing waste.

Please let us know if this approach works with the framer.

- CAPITAL GROUP**  
Developed by Capital Group  
Hydrex.com/capitalgroup.com | 408.345.1948
- Architect: Canning Design**  
314 W. Washington Ave. | Suite 479  
Madison, WI 53703  
canningdesign.com | 773.423.6494
- ROYAL CONSTRUCTION**  
General Contractor: ROYAL CONSTRUCTION  
Greenwood Street | Eau Claire, WI 54601  
royalconstruction.com | 715.225.4377
- Cedar Corporation**  
Civil Engineer: CEDAR CORPORATION  
1800 W. Avenue | Menomonee, WI 54751  
cedarcorp.com | 715.235.9061
- XC**  
Civil Engineer: XC Structural Engineering  
215 Apollonia Morales | 678036 Madrid  
xcstructuralengineering.com | 715.225.3627
- Innovation**  
Engineering Services Incorporated  
Civil Engineer of Record: Innovation  
Dane-Curtin Dr. | McFarland, WI 53558  
lley@innovationwi.com
- Hovland's**  
Mechanical Engineer: HOVLAND'S HVAC  
10954 E. Mabey Street | Chippewa Falls, WI 54729  
hovlandshvac.com | 715.352.5395
- PRISM DESIGN**  
ELECTRICAL CONSULTANTS INC.  
58423 State Rd 85 | Monomonee, WI 54755  
bucalgen@prismdesign-electrical.com | 715.797.0602
- TAILORED ENGINEERING**  
Plumbing Engineer: TAILORED ENGINEERING  
1600 Aspen Commons | Ste 210 | Middleton, WI 53557  
brnovak@tailoredeng.com | 608.209.7500



Date	Description
08.15.2019	75% CD Set
08.21.2019	Permit



Foundation wall  
+ topping finish  
floor elevation  
(typical)

will do.

**CAPITAL GROUP**  
Developer: W Capital Group  
1616 W Washington Ave | Suite 675  
Madison, WI 53703  
wcap@capitalgroup.com | 608.345.9848

**Architect Opening Design**  
316 W Washington Ave | Suite 675  
Madison, WI 53703  
nonp@openingdesign.com | 773.425.6456

**ROYAL CONSTRUCTION**  
General Contractor: ROYAL CONSTRUCTION  
3653 Greenway Street | Eau Claire, WI 54601  
jrm@royalbuild.com | 715.225.6377

**Cedar**  
Civil Engineer: CEDAR CORPORATION  
604 Wilcox Avenue | Marshfield, WI 54451  
kevin@cedarcorp.com | 715.235.9081

**XC**  
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Calle Apolonia Morales, 420033 Madrid  
jperestegui@xcengineering.es | +34 610 56 26 37

**Innovation**  
Structural Engineer of Record: Innovation  
4729 Dale-Curtin Dr. | McFarland, WI 53558  
khey@innovationrwi.com

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Mechanical Engineer: HOVLAND'S HVAC  
10954 E. Meloy Street | Chippewa Falls, WI 54729  
jhanen@hovlands-hvac.com | 715.552.5895

**PRISM DESIGN**  
Electrical Engineer: PRISM DESIGN ELECTRICAL  
5001 13th Ave. S.E.  
18403 State Rd 65 | Mendota, WI 53755  
ehadgen@prismdesignelectrical.com | 715.777.0400

**TAILORED ENGINEERING**  
Roofing Engineer: TAILORED ENGINEERING  
1600 Aspen Commercial | Ste 210 | Middleton, WI 53562  
bmoore@tailoredeng.com | 608.209.7500

Date	Description
10.09.2019	IFC - Foundation



will do.

compacted fill

1 DETAIL - GARAGE - ENTRY  
S301 1 1/2" = 1'-0"

6 DETAIL - GARAGE - MID POINT  
S301 1 1/2" = 1'-0"

5 DETAIL - TRANSITION  
S301 1 1/2" = 1'-0"

3 ELEVATION - ELEVATOR - SOUTH WALL  
S301 3/16" = 1'-0"

2 ELEVATION - RAMP - WEST WALL  
S301 3/16" = 1'-0"

**CAPITAL GROUP**  
Developer: W Capital Group  
Heli: wcapitalgroup.com | 608.345.9846

**Architect: OpeningDesign**  
316 W Washington Ave | Suite 675  
Madison, WI 53703  
info@openingdesign.com | 773.425.6456

**ROYAL CONSTRUCTION**  
General Contractor: ROYAL CONSTRUCTION  
3653 Greenwood Street | Eau Claire, WI 54601  
info@royalco.com | 715.225.6277

**Cedar**  
Civil Engineer: CEDAR CORPORATION  
604 Wilcox Avenue | Menomonie, WI 54751  
info@cedarcorp.com | 715.235.9081

**Structural Engineer: VC Structural Engineering**  
Calle Apolo 1000, 62003 Madrid  
lucastola@vcengineering.es | +34 610 56 26 37

**Innovation**  
Structural Engineer of Record: Innovation  
4729 Oak-Country Dr. Madison, WI 53708  
lley.kern@innovation.com

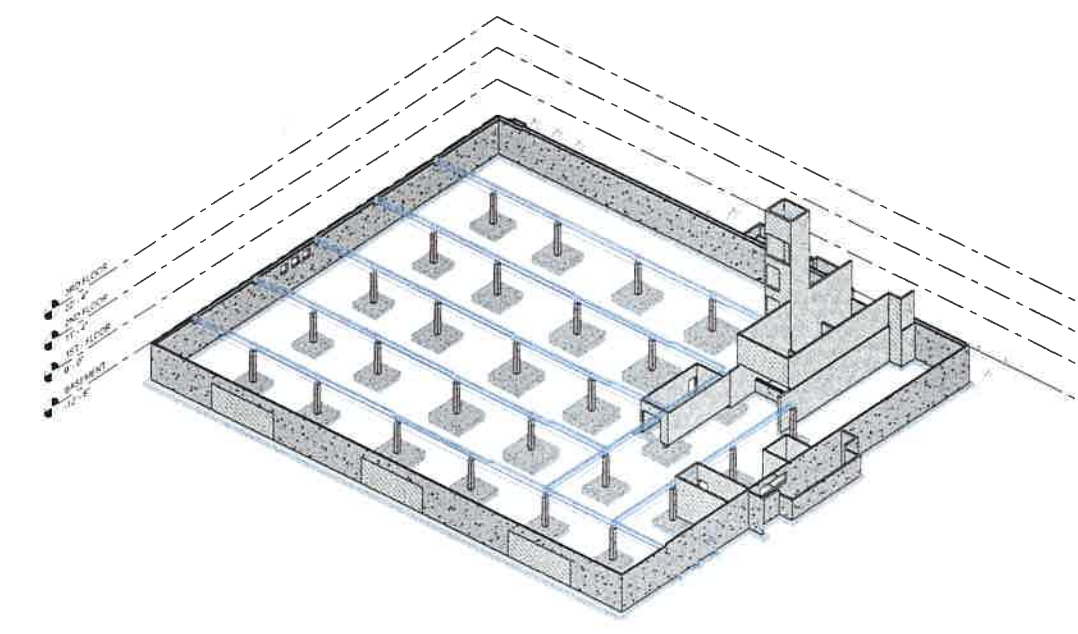
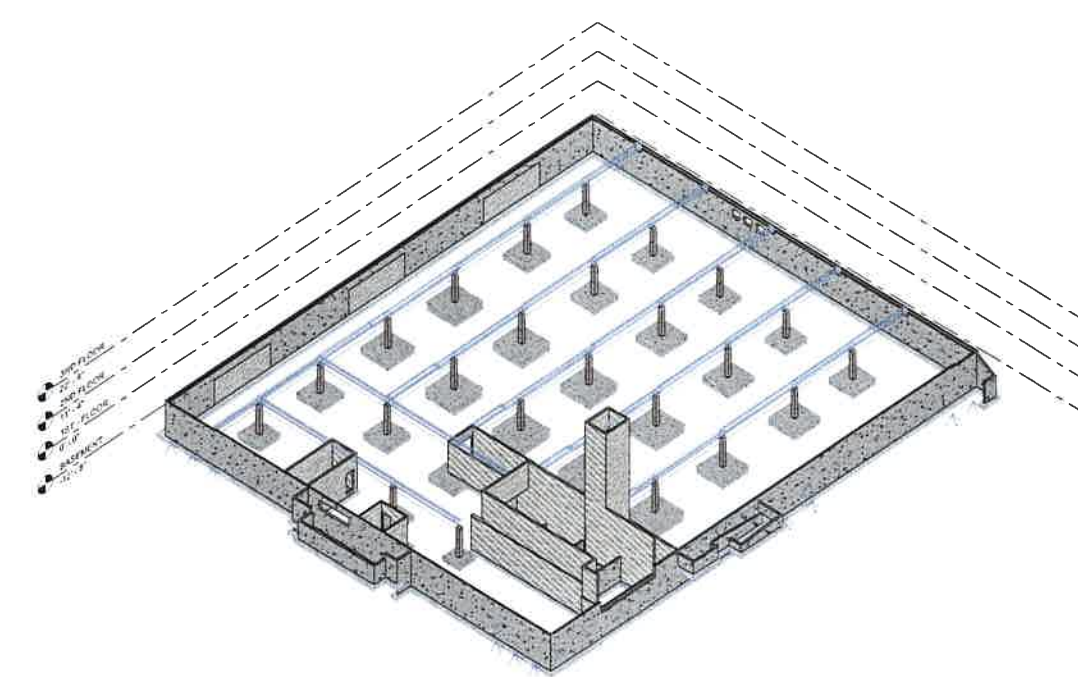
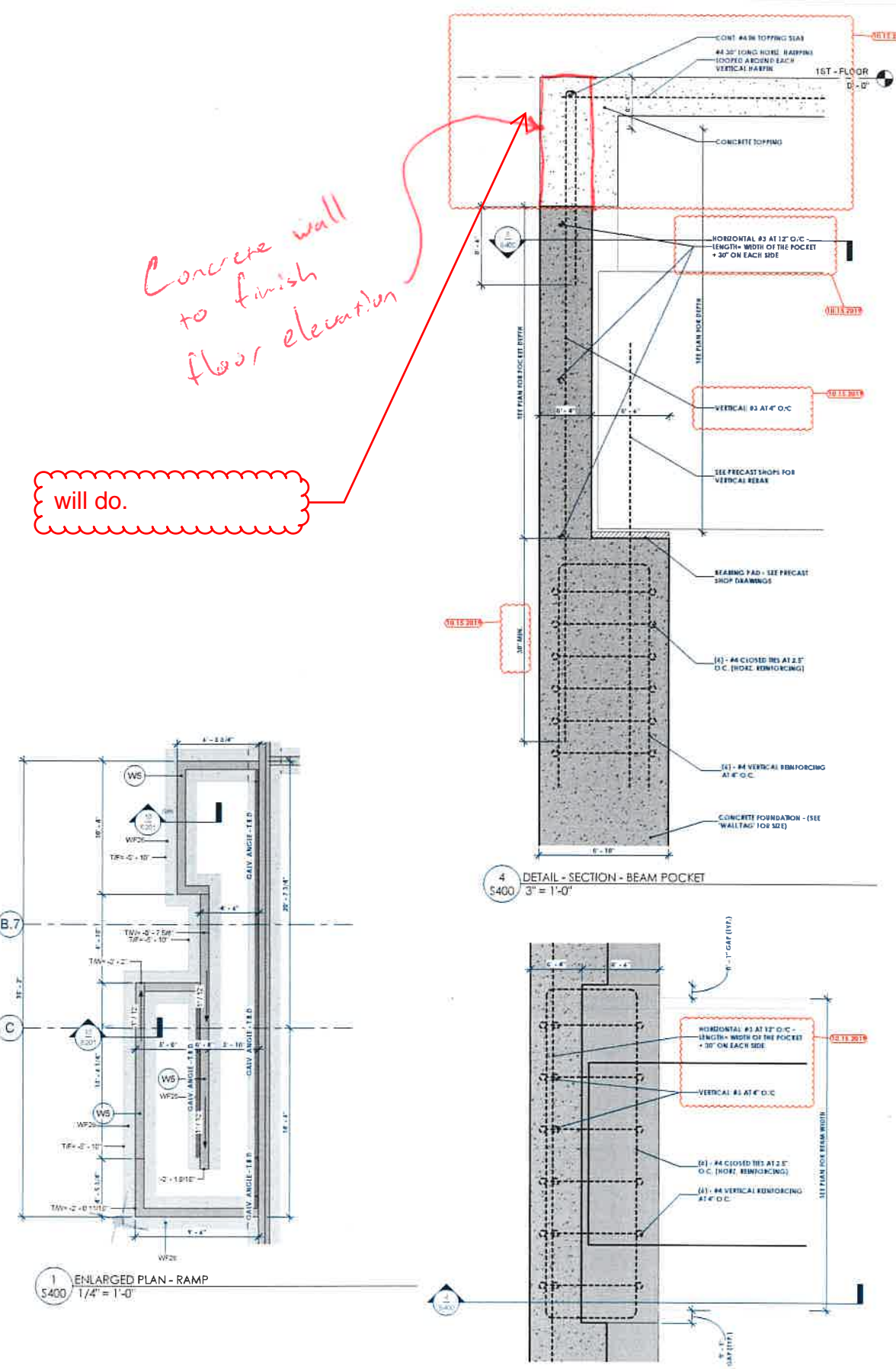
**Hovland's**  
Mechanical Engineer: HOVLAND'S H/V/C  
10954 E. Mulby Street | Chippewa Falls, WI 54729  
info@hovlands-hvc.com | 715.552.5595

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Electrical Engineer: PRISM DESIGN ELECTRICAL  
CONSULTANTS INC.  
E8403 State Rd 85 | Menomonie, WI 54755  
info@prismdesign-electrical.com | 715.757.0600

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Plumbing Engineer: TAILORED ENGINEERING  
1600 Aspen Commons | Ste 210 | Middleton, WI 53562  
info@tailoredeng.com | 608.205.7500

Date	Description
10.09.2019	IFC - Foundation





Date	Description
10.09.2019	IFC - Foundation
10.15.2019	Updated Foundation Details

**W**  
CAPITAL GROUP  
Developer: W Capital Group  
W Capital Group Inc. | 408.345.9848

**d**  
Architect: Opening Design  
316 W Washington Ave | Suite 475  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

**ROYAL**  
CONSTRUCTION  
General Contractor: ROYAL CONSTRUCTION  
3653 Greenway Street | Eau Claire, WI 54601  
jrm@royalco.com | 715.225.6377

**Cedar**  
Civil Engineer: CEDAR CORPORATION  
624 Wilson Avenue | Menomonie, WI 54751  
bruce@cedarcorp.com | 715.235.9081

**X**  
Structural Engineer: XC Structural Engineering  
Cable Aqueduct Menards, 628014 Menard  
lperazola@xcengineering.com | 334.610.5626

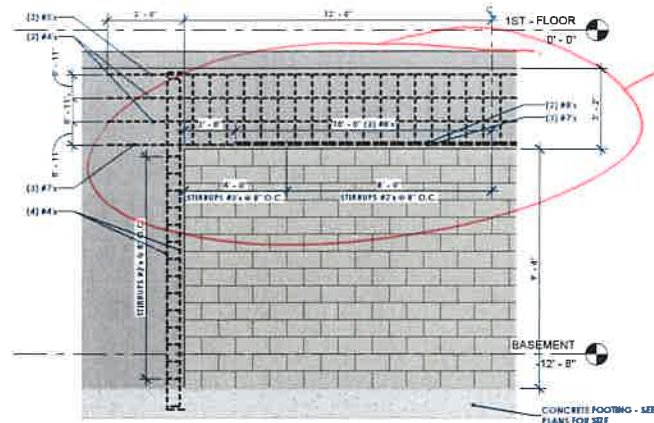
**Innovation**  
Structural Engineer: Innoval Construction  
4729 Dale-Curtin Dr. McFarland, WI 53558  
kley@innovalconstruction.com

**Hovland's**  
Mechanical Engineer: HOVLAND'S HVAC  
10954 E. Melby Street | Chippewa Falls, WI 54729  
james@hovlands-hvac.com | 715.552.5595

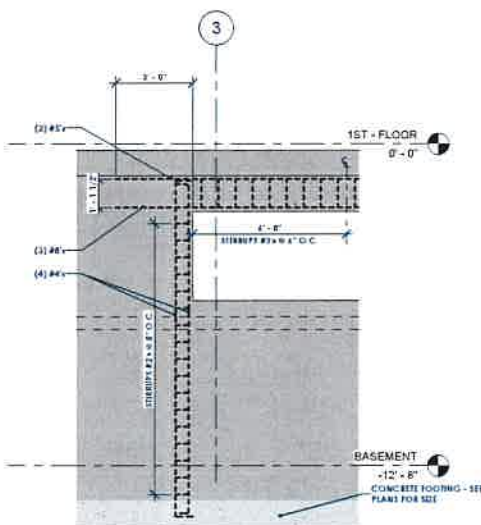
**PRISM**  
DESIGN  
Electrical Engineer: PRISM DESIGN ELECTRICAL  
CONSULTANTS INC.  
68403 State Rd 85 | Menomonie, WI 54755  
haldgren@prismdesign-electrical.com | 715.797.0602

**TE**  
TAILORED  
ENGINEERING  
Plumbing Engineer: TAILORED ENGINEERING  
1600 Aspen Commerce | Ste 210 | Middleton, WI 53562  
brevett@tailoredeng.com | 608.225.7500

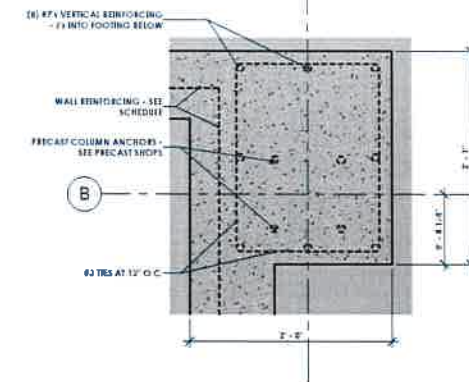




1 DETAIL - REINFORCING AT SOUTH WALL LINELS  
S401 3/8" = 1'-0"



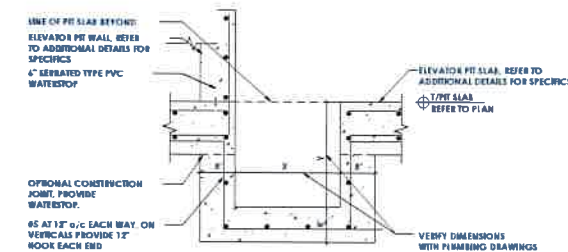
3 FOUNDATION PLAN AT ELEVATOR PIT  
S401 3/16" = 1'-0"



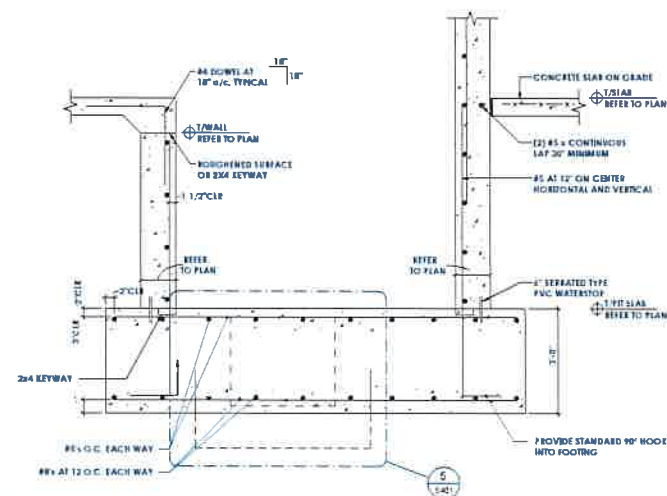
2 DETAIL - PIER AT ELEVATOR  
S401 1 1/2" = 1'-0"

possible precast  
beam on  
cast in place piers?

will do a precast  
beam on the  
originally proposed  
wall and footings

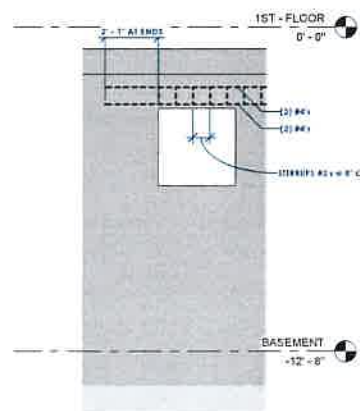


5 ELEVATOR PIT SUMP CROCK  
S401 12" = 1'-0"



4 ELEVATOR PIT SECTION  
S401 12" = 1'-0"

6 DETAIL - REBAR AT AIR INTAKE  
S401 3/8" = 1'-0"



7 DETAIL - REBAR AT EXHAUST LOUVERS  
S401 3/8" = 1'-0"

**CAPITAL GROUP**  
Developer: W Capital Group  
New York, NY 10017 | 212 345 9848

**Architect: Opening Design**  
314 W Washington Ave | Suite 675  
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General Contractor: ROYAL CONSTRUCTION  
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jrm@royalbuild.com | 715 225 6377

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Civil Engineer: CEDAR CORPORATION  
604 Wilson Avenue | Menomonie, WI 54751  
kevin.clum@cedarcorp.com | 715 235 9081

**XC**  
Structural Engineer: XC Structural Engineering  
Calle Apolonio Morales, 420036 Madrid  
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**Innovation**  
Structural Engineer of Record: Innovation  
4729 Dale-Culver Dr, McFarland, WI 53558  
lhey@innovationbuild.com

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10954 E. Melby Street | Chippewa Falls, WI 54729  
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1400 Aspen Commerce | Ste 210 | Madison, WI 53702  
bneval@tailoredeng.com | 608 257 7800

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