

REVISION #	DESCRIPTION	DATE
SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019	
PER APPROVAL	12-10-2019	
PRELIMINARY - NOT FOR CONSTRUCTION	12-10-2019	

SHEET INDEX		
REVISION NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SETTING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	

OUTSTANDING RFI's

-NONE

DRAWING NOTES:

- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION) 10-23-19 (PERMIT REVISION #2)
- *STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET 10-14-19 (UPDATED LOAD VALUES))
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = 14'-0" (U.N.O.)
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.
- TOP OF FIN. FLOOR ELEV. "LEVEL-2" = 11'-3" (3" TOPPING)
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.

DESIGN NOTES:

STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.

BOND BEAM TO BE DESIGNED AND ENGINEERED BY THE OWNER. SHOULD BE PORED INTO THE TOP COURSE OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVEN AT CENTER IS RECOMMENDED FOR MASONRY.

FIELD CORE DRILLING GUIDELINES:

CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA'S. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.

ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK COREEN THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:

DESIGN AND FABRICATION OF HOLLOW CORE PER ACI 318-08 SPECIFICATION.

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NOLOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE APPLIED IN ACCORDANCE WITH THE DESIGN LOADS AND AGGREGATES. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

STAMP

PRECAST DRAWINGS CREATED BY:
REIGSTAD

TEL: 651-292-1123
FAX: 651-292-8015
www.reigstad.com

PROJECT CONTACT : TROY BROKER
PHONE: 651-292-3151
E-MAIL: tbroker@reigstad.com

COUNTY MATERIALS CORPORATION
1203 70TH AVE.
ROBBINS, MN 55423
PHONE: (602) 426-1126
FAX: (715) 749-3980

peI CERTIFIED PLANT

PROJECT: CANNERY TRAILS
TITLE: BEAM AND COLUMN DETAILS

CONTRACTOR:	PROJECT MANAGER:	SCALE UND:
ROYAL CONSTRUCTION	BRENT C.	1/2" = 1'-0"
ARCHITECT:	PC ENGINEER:	
OPENING DESIGN	GSW	47-091-19
STRUCTURAL ENGINEER:	DRAWN BY:	
XLC STRUCTURAL ENGINEERING	AIG	
PROJECT LOCATION:	CHECKED BY:	
EAU CLAIRE, WI	AIG	2.0

REVISION HISTORY		
REVISION #	DESCRIPTION	DATE
1.0	SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019
2.0	PER APPROVAL	12-10-2019
	PRELIMINARY - NOT FOR CONSTRUCTION	12-10-2019

SHEET INDEX		
SHEET NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SETTING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	

OUTSTANDING RFI's
-NONE

DRAWING NOTES:

- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION) 10-23-19 (PERMIT REVISION #2)
- *STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET) 10-14-19 (UPDATED LOAD VALUES) 11-7-19 (UPDATED FOUNDATION)
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = 14'-0" (U.N.O.)
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)
- TOP OF PRECAST PLANK ELEV. "LEVEL-1" = (0'-0") (3" TOPPING)
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.
- TOP OF PRECAST PLANK ELEV. "LEVEL-2" = 11'-0"
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.

DESIGN NOTES:
STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.

BOND BEAM: TO BE DESIGNED AND ENGINEERED BY THE OWNER. SHOULD BE PORED INTO THE TOP COURSE OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVEN 4"-0" ON CENTER IS RECOMMENDED FOR A MASONRY WALL.

FIELD CORE DRILLING GUIDELINES:
CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA'S. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.
ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK COREDENY THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:
DESIGN AND FABRICATION OF HOLLOW CORE PER ACI 318-08 SPECIFICATION.
OPENINGS SMALLER THAN 6" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NOLOADING OR Topping IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE CONCRETE, 3" THICK, 3000 psi CURE, 100% SAND AGGREGATES. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

STAMP
PRECAST DRAWINGS CREATED BY:
REIGSTAD
TEL: 651-292-1123
FAX: 651-292-8015
www.reigstad.com

PROJECT CONTACT : TROY BROKER
PHONE: 651-292-3151
E-MAIL: tbroker@reigstad.com

PROJECT: 1203 70TH AVE
ROBERTS, MN 55082
PHONE: (608) 426-1126
FAX: (715) 749-3980

CERTIFIED PLANT

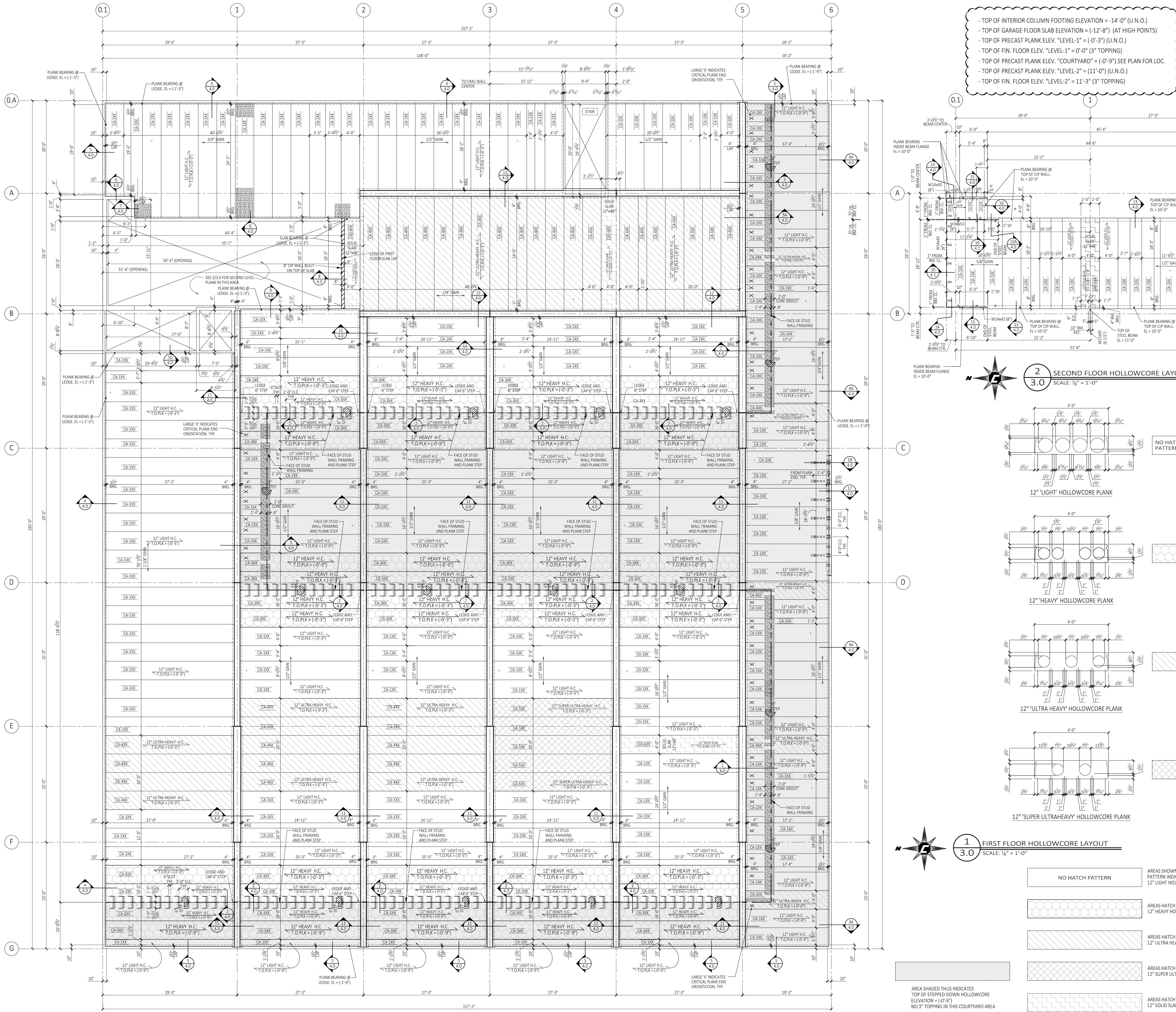
CONTRACTOR: ROYAL CONSTRUCTION
PROJECT MANAGER: BRENT C.
SCALE UND: $\frac{1}{2}'' = 1'-0''$

ARCHITECT: PC ENGINEER: 47-091-19
OPENING DESIGN: GSW
STRUCTURAL ENGINEER: XLC STRUCTURAL ENGINEERING
DRAWN BY: AIG
SHEET NO:

PROJECT LOCATION: EAU CLAIRE, WI
CHECKED BY: AIG
2.1

REVISION #	DESCRIPTION	DATE
SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019	
PER APPROVAL	12-10-2019	
PRELIMINARY - NOT FOR CONSTRUCTION	12-10-2019	

SHEET INDEX		
SHEET NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SETTING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	



DRAWING NOTES:

- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION) 10-23-19 (PERMIT SET)
- *STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET) 10-14-19 (UPDATED LOAD VALUES)
- 11-7-19 (UPDATED FOUNDATION)
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = -14'0" (U.N.O.)
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)
- TOP OF PRECAST PLANK ELEV. "LEVEL-1" = (-0'-3") (U.N.O.)
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.
- TOP OF PRECAST PLANK ELEV. "LEVEL-2" = (11'-0") (U.N.O.)
- TOP OF FIN. FLOOR ELEV. "LEVEL-2" = 11'-3" (3" TOPPING)
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.

DESIGN NOTES:

STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.

BOND BEAM TO BE DESIGNED AND ENGINEERED BY THE OWNER, WHICH SHOULD BE POURED INTO THE TOP COURSE OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVEN 4"-0" IN CENTER IS RECOMMENDED FOR MASONRY CONSTRUCTION.

FIELD DRILLING GUIDELINES:
CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA'S. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.

ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK COREDEN'T CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:

DESIGN AND FABRICATION OF HOLLOW CORE PER ACI 318-08 SPECIFICATION.

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

GENERAL NOTES:

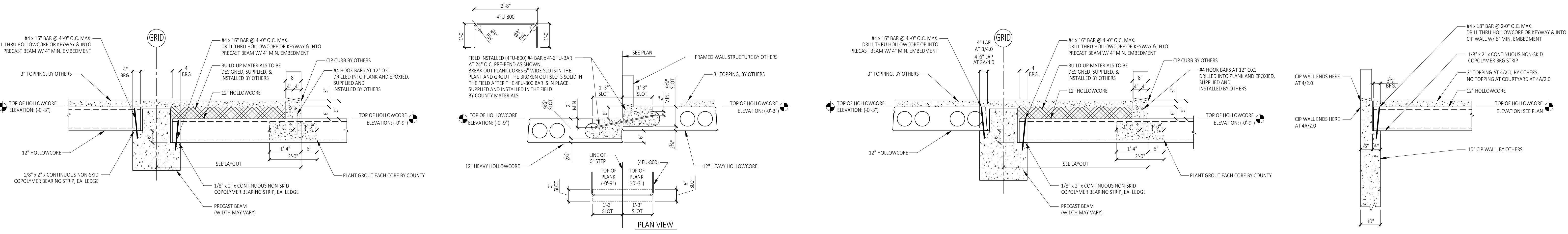
OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS.

TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH B

REVISION HISTORY		
REVISION #	DESCRIPTION	DATE
1.0	SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019
2.0	PER APPROVAL	12-10-2019
	PRELIMINARY - NOT FOR CONSTRUCTION	12-10-2019
SHEET INDEX		
SHEET NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SETTING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	

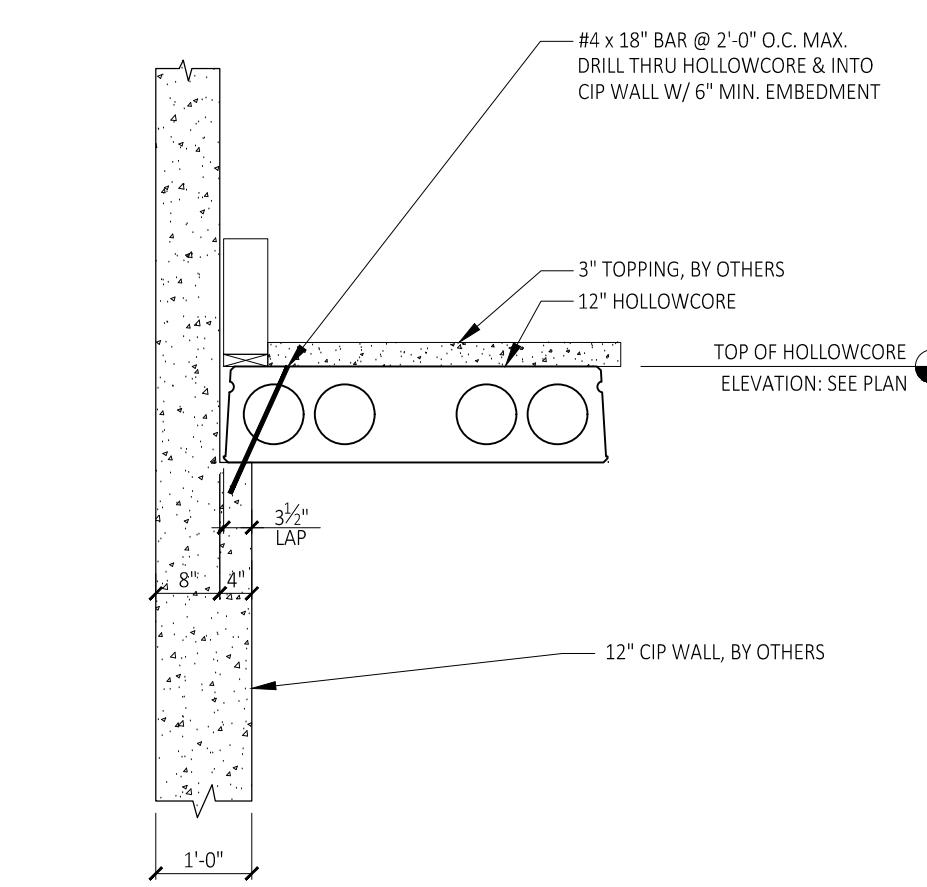
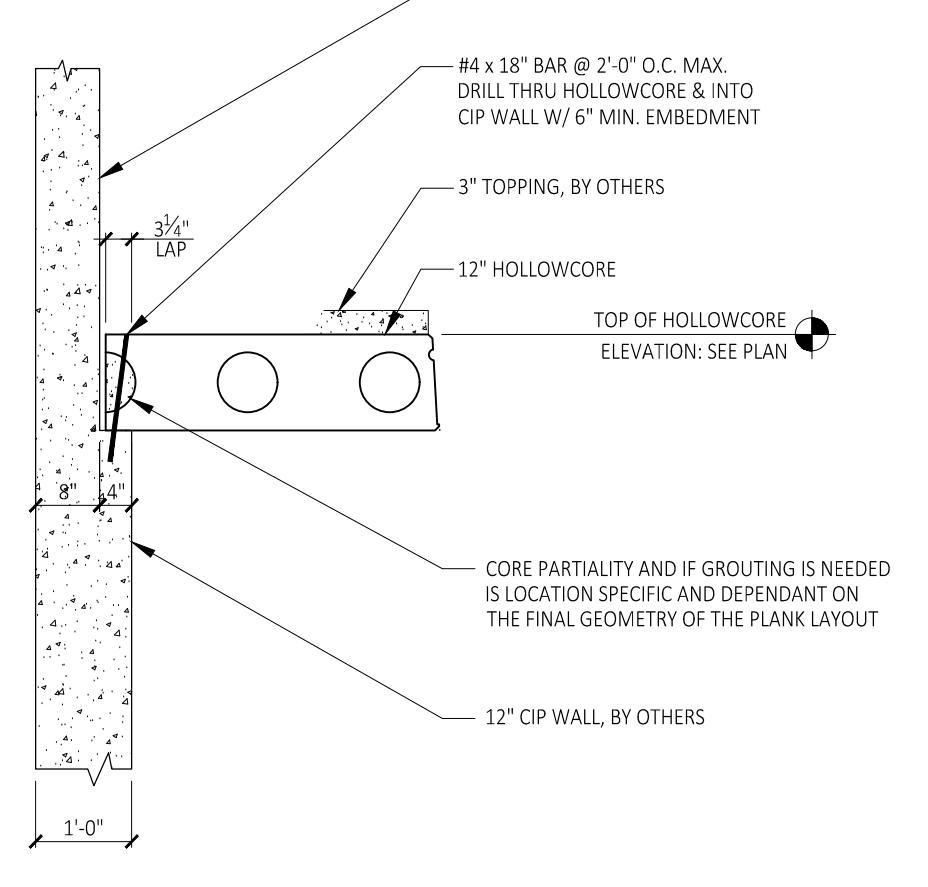
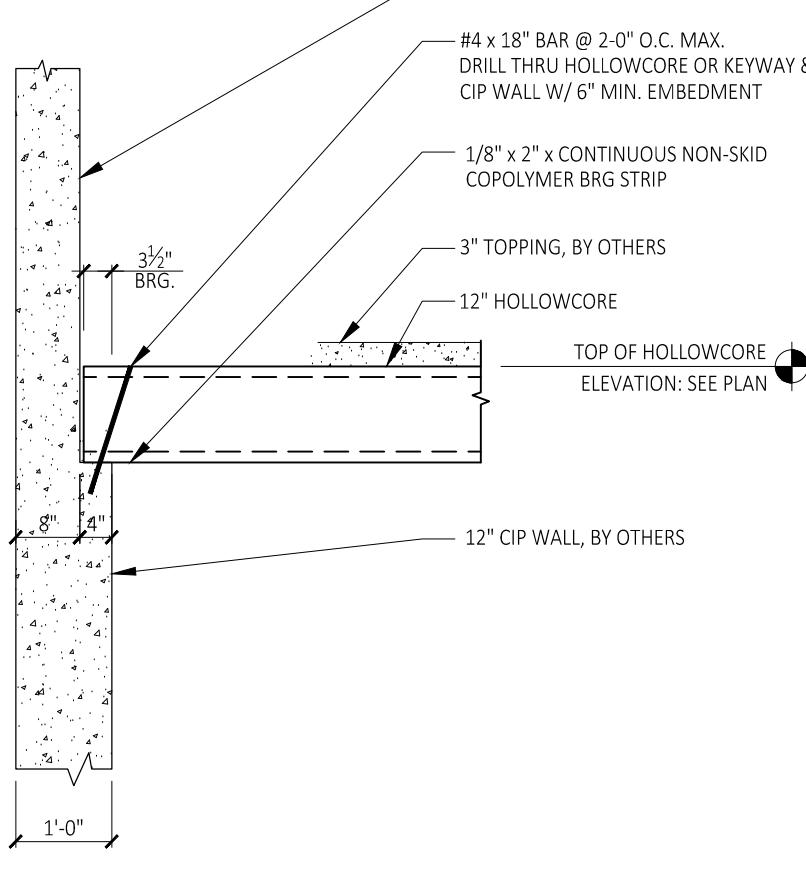
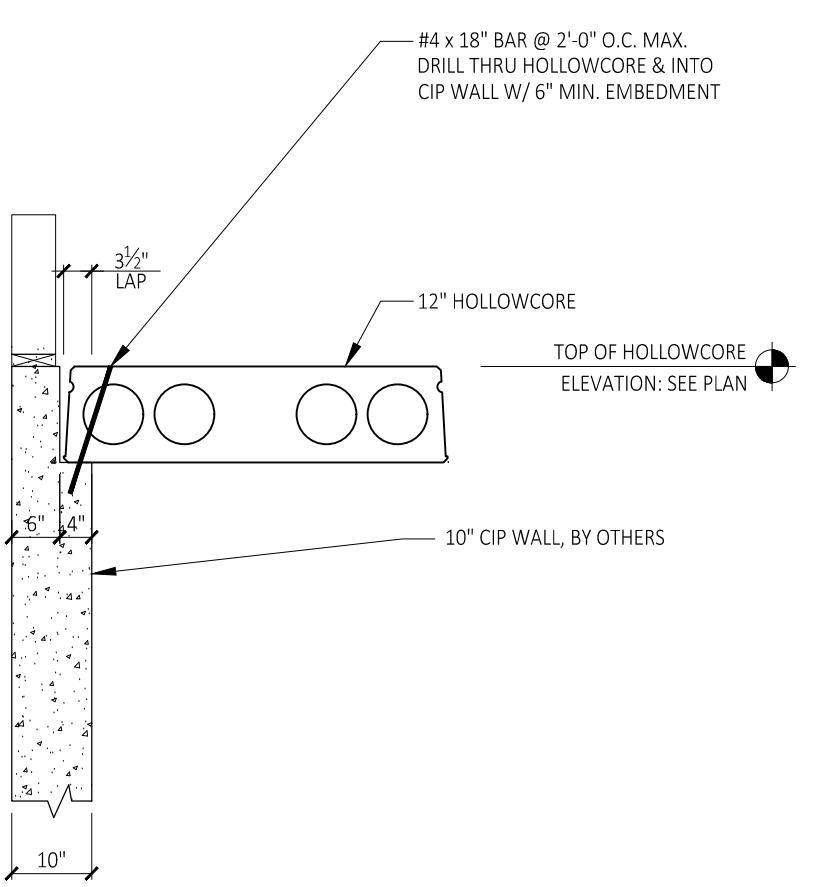


1 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

2 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

3 PLANK DETAIL
4.0 4.0 SCALE: 1/2"=1'-0" REF:

4 PLANK DETAIL
2.0 2.0 SCALE: 1/2"=1'-0" REF: 5/5201



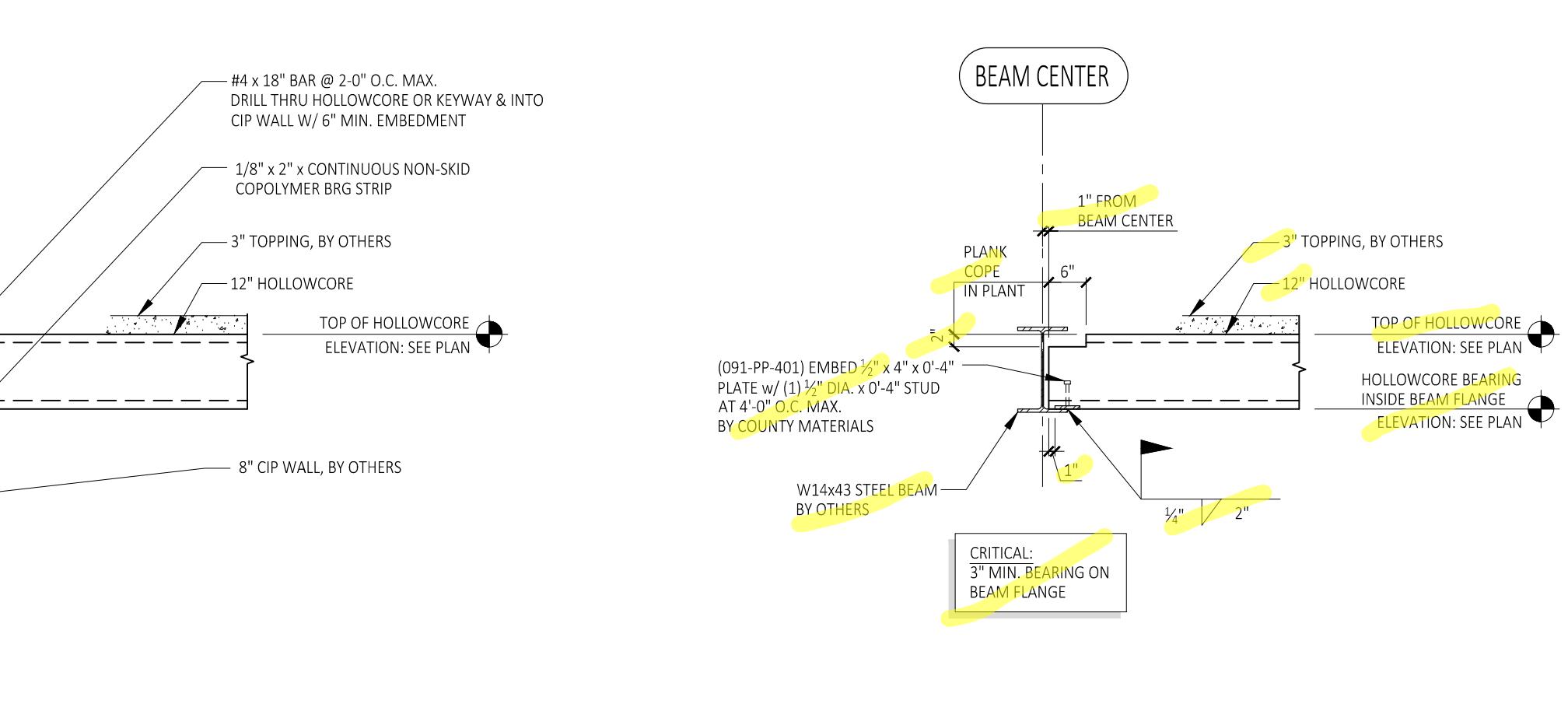
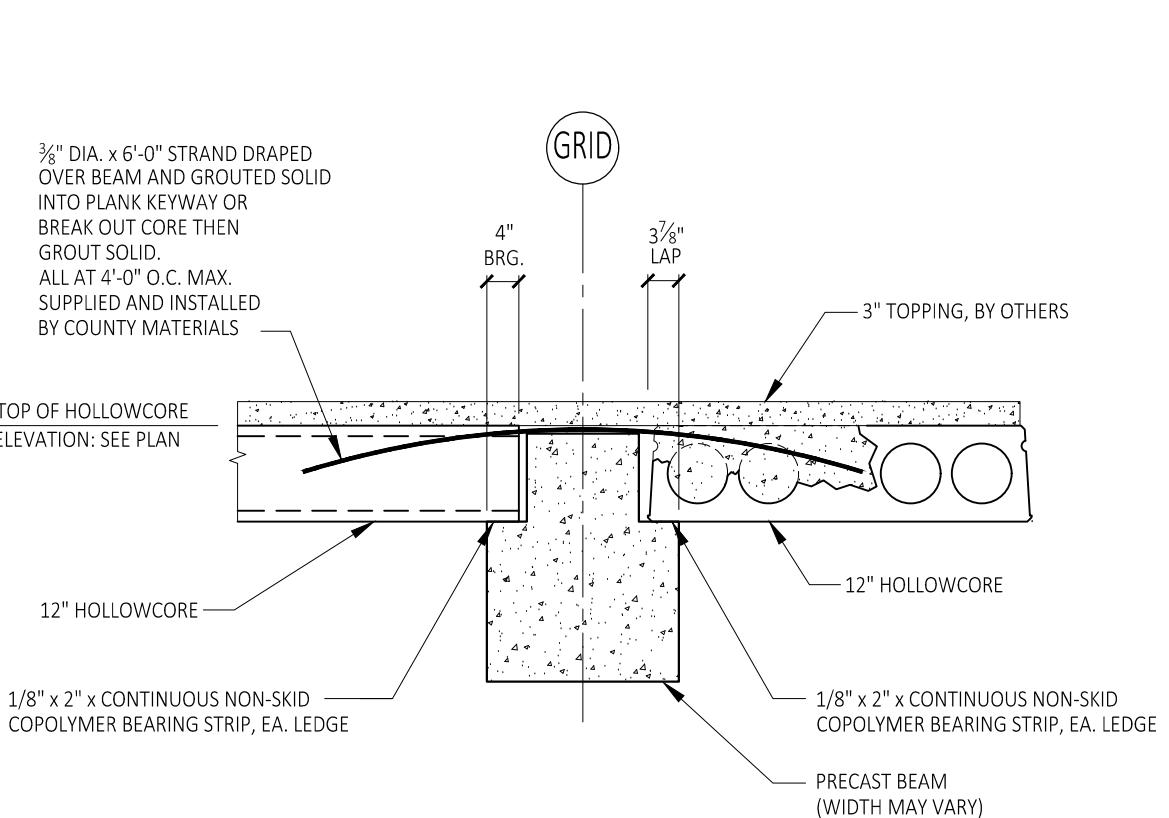
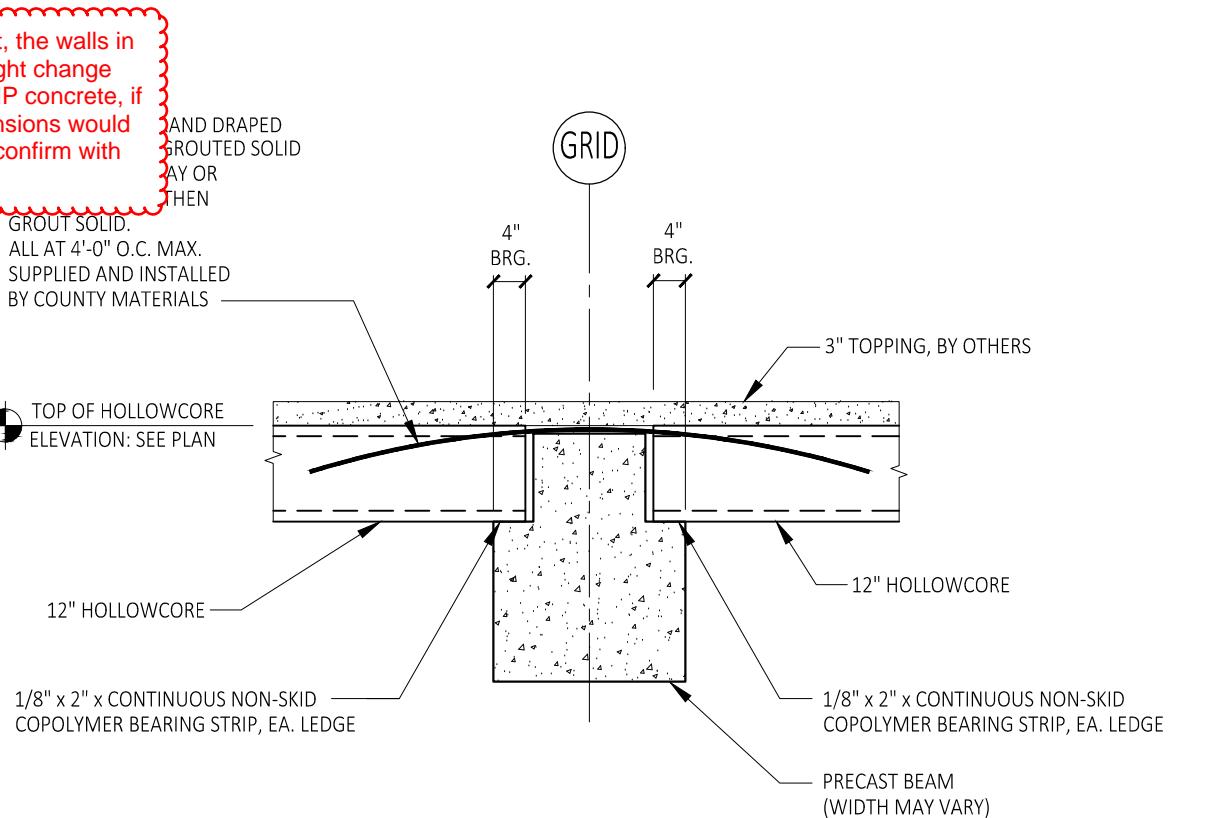
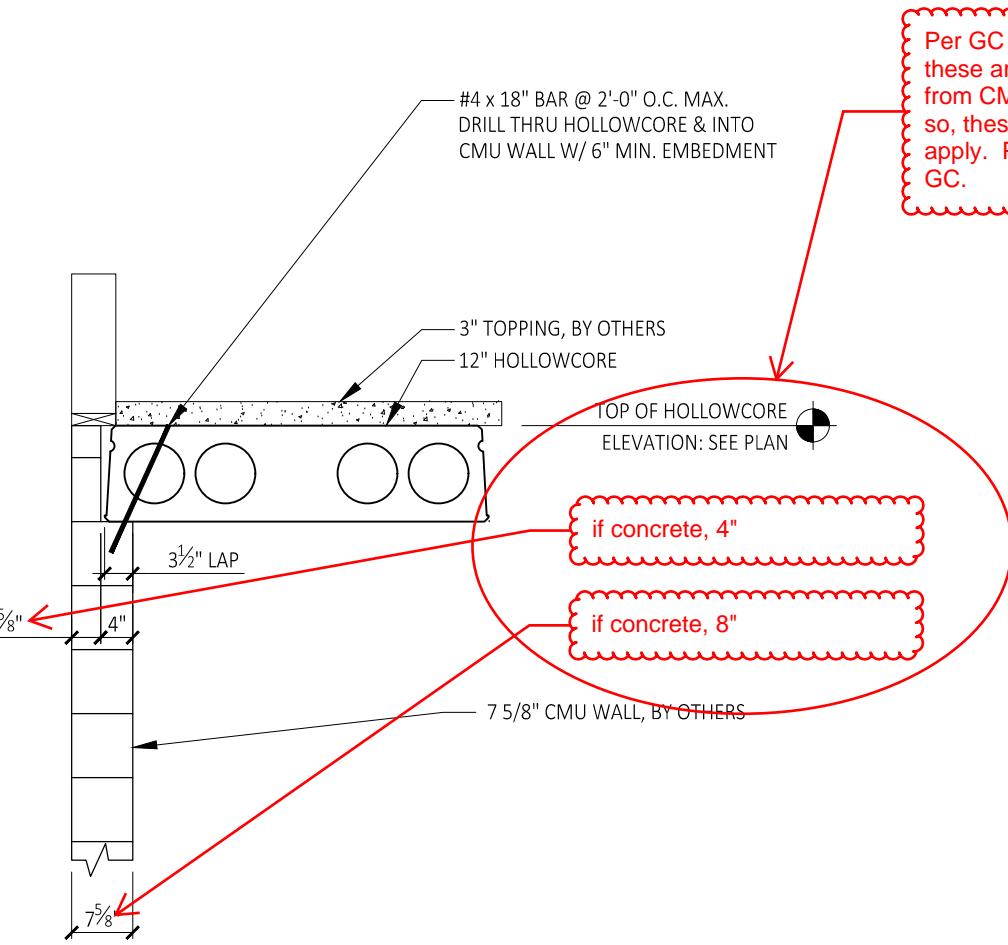
5 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF: 3/5201

6 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

7 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

8 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF: 8/5200

9 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF: 3/5202



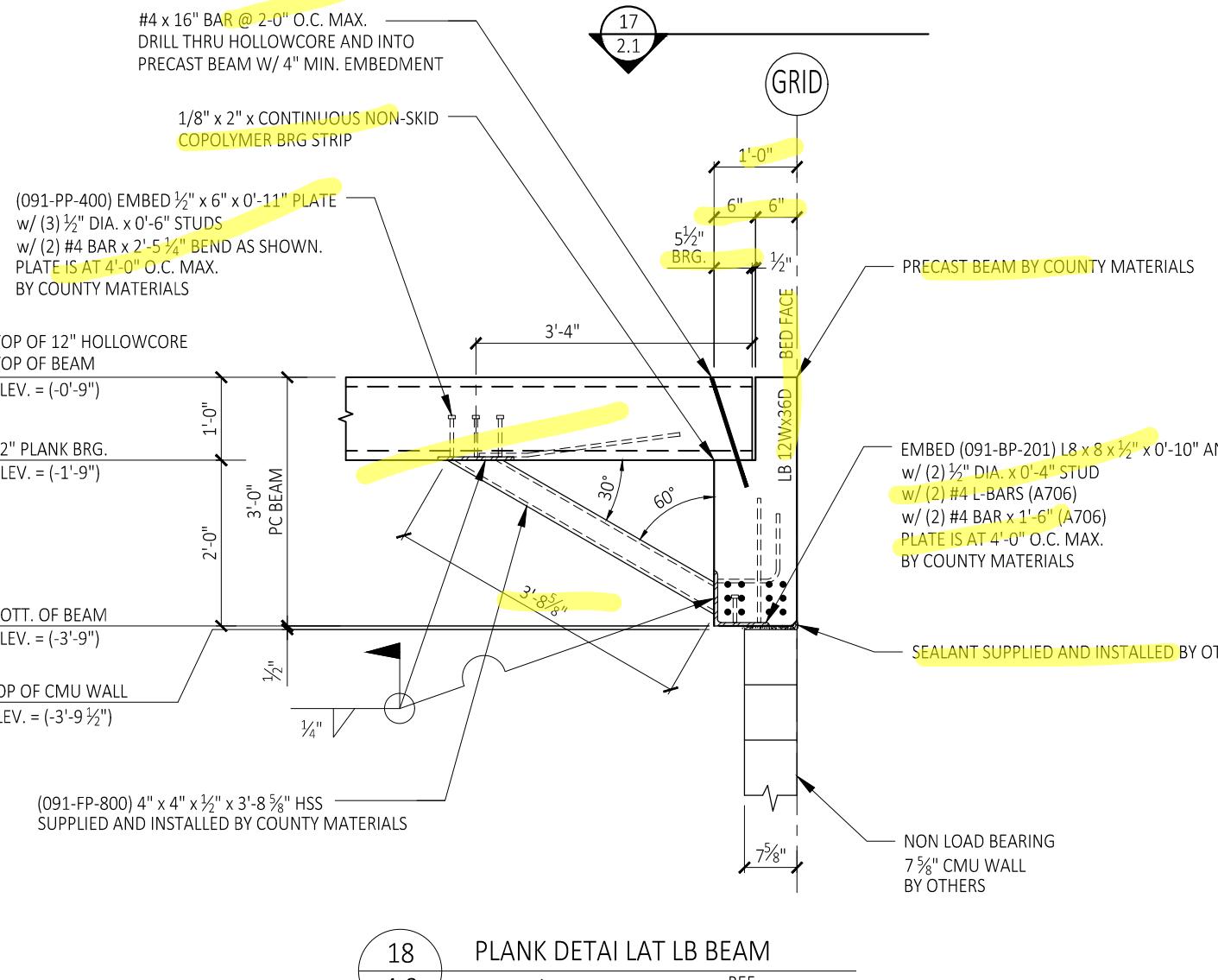
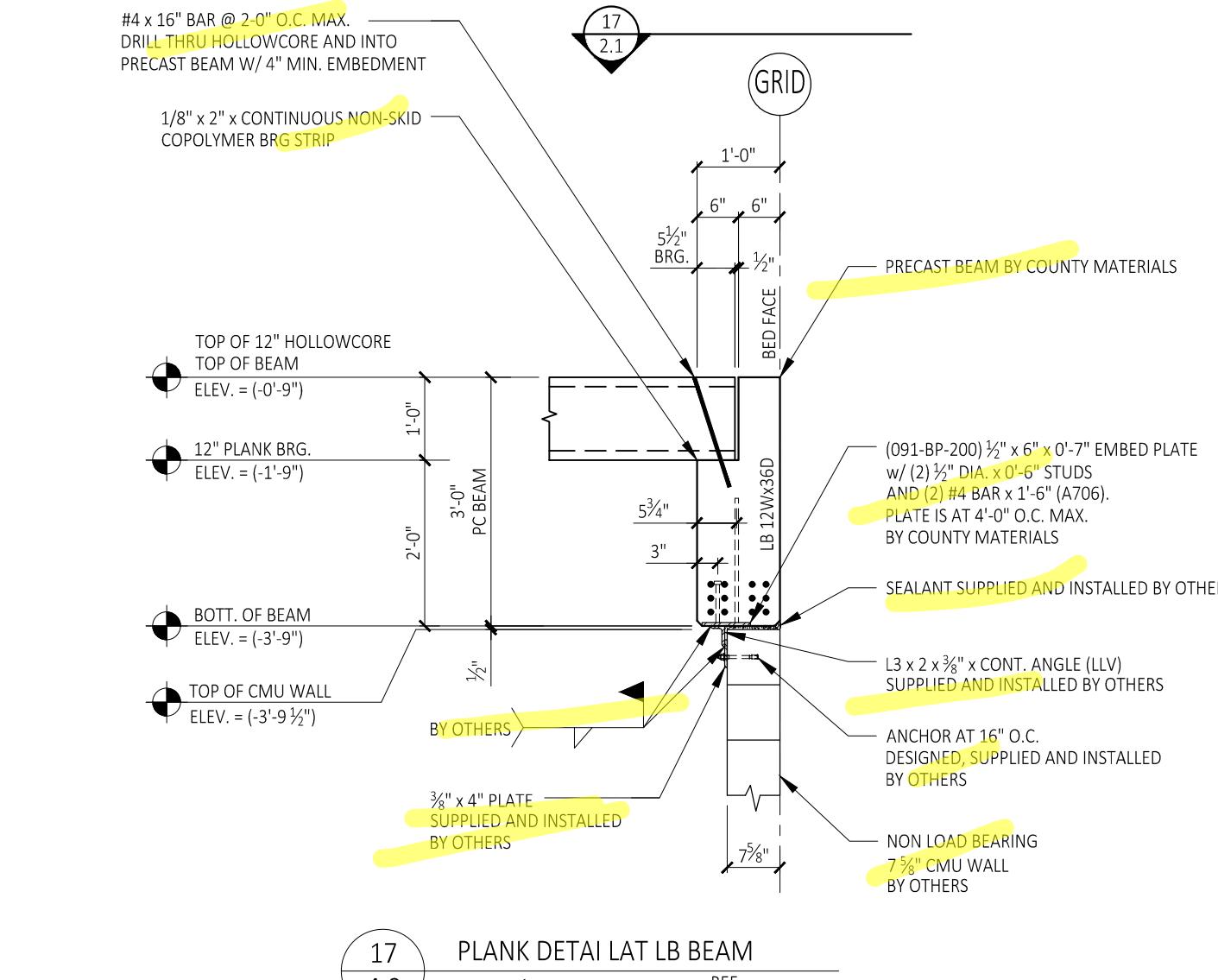
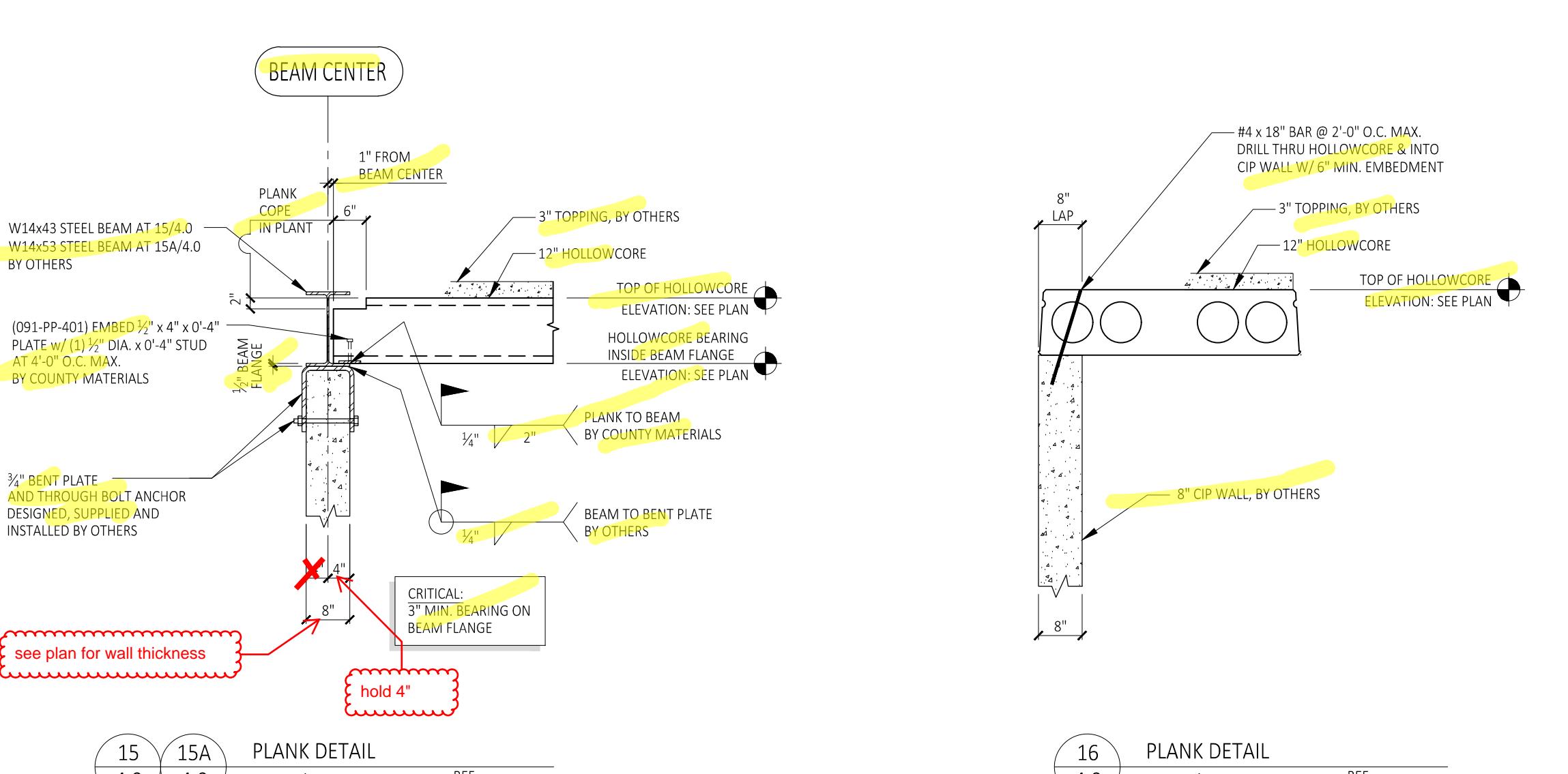
10 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

11 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

12 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

13 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF: 7/5200

14 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:



15 PLANK DETAIL
4.0 4.0 SCALE: 1/2"=1'-0" REF:

16 PLANK DETAIL
4.0 SCALE: 1/2"=1'-0" REF:

17 PLANK DETAIL LAT LB BEAM
4.0 SCALE: 1/2"=1'-0" REF:

18 PLANK DETAIL LAT LB BEAM
4.0 SCALE: 1/2"=1'-0" REF:

OUTSTANDING RFI's
-NONE

DRAWING NOTES:

- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION) 10-23-19 (PERMIT REVISION #2)
- *STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET 10-14-19 (UPDATED LOAD VALUES) 11-7-19 (UPDATED FOUNDATION))
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = 14'-0" (U.N.O.)
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)
- TOP OF PRECAST PLANK ELEV. "LEVEL-1" = (0'-0") (3" TOPPING)
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)
- TOP OF FIN. FLOOR ELEV. "LEVEL-2" = 11'-3" (3" TOPPING)
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.

DESIGN NOTES:
STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.

A BOND BEAM TO BE DESIGNED AND ENGINEERED BY THE OWNER, SHOULD BE PORED INTO THE TOP FACE OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVERY 4'-0" IN CENTER IS RECOMMENDED FOR MASONRY CONSTRUCTION.

FIELD CORE DRILLING GUIDELINES:
CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA'S. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.

ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK CORED END THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:
DESIGN AND FABRICATION OF HOLLOW CORE PER ACI 318-08 SPECIFICATION.
OPENINGS SMALLER THAN 6" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO DRILLING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

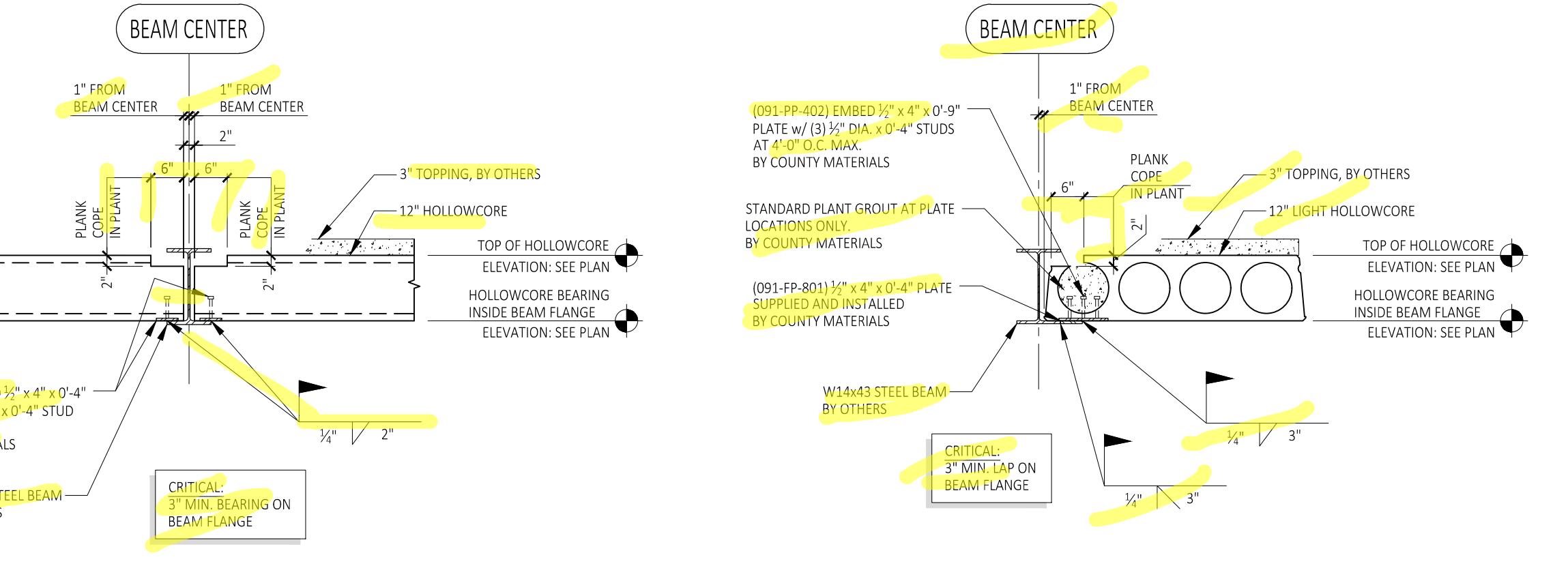
TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK CORED END THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

STAMP
PRECAST DRAWINGS CREATED BY:
REIGSTAD
TEL: 651-292-1123
FAX: 651-292-8015
www.reigstad.com
PROJECT CONTACT : TROY BROKER
PHONE: 651-292-3151
E-MAIL: tbroker@reigstad.com

PROJECT:
CANNERY TRAILS
TITLE:
HOLLOWCORE DETAILS
CONTRACTOR:
ROYAL CONSTRUCTION
ARCHITECT:
GWW
OPENING DESIGN:
GSW
STRUCTURAL ENGINEER:
XL STRUCTURAL ENGINEERING
PROJECT LOCATION:
EAU CLAIRE, WI
PROJECT MANAGER:
BRENT C.
PC ENGINEER:
47-091-19
DRAWN BY:
AIG
CHECKED BY:
AIG
SCALE UND:
1/2" = 1'-0"
4.0

REVISION HISTORY		
REVISION #	DESCRIPTION	DATE
	SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019
	PER APPROVAL	12-10-2019
	PRELIMINARY - NOT FOR CONSTRUCTION	12-10-2019
SHEET INDEX		
SHEET NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SCHEDULING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	



19 PLANK DETAIL
4.1 SCALE: 1/2"=1'-0" REF:

20 PLANK DETAIL
4.1 SCALE: 1/2"=1'-0" REF:

OUTSTANDING RFI's		
-NONE		

DRAWING NOTES:		
- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION 10-23-19 (PERMIT SET #2)		
*STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET 10-14-19 (UPDATED LOAD VALUES) 11-7-19 (UPDATED FOUNDATION)		
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = 14'-0" (U.N.O.)		
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)		
- TOP OF PRECAST PLANK ELEV. "LEVEL-1" = 0'-0"		
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)		
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.		
- TOP OF PRECAST PLANK ELEV. "LEVEL-2" = 11'-0"		
- TOP OF FIN. FLOOR ELEV. "LEVEL-2" = 11'-3" (3" TOPPING)		
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.		

DESIGN NOTES:
STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.
A BOND BEAM TO BE DESIGNED AND ENGINEERED BY THE OWNER SHOULD BE Poured INTO THE TOP COURSE OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVERY 4'-0" ON CENTER IS RECOMMENDED FOR MASONRY CONSTRUCTION.

FIELD CORE DRILLING GUIDELINES:
CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.
ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A PLANK CORE OR THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:
OPENINGS SMALLER THAN 8" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.
THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOAD OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE APPLIED IN ACCORDANCE WITH THE CONTRACTOR'S TOPPING SPECIFICATIONS. TOPPING AGGREGATES: HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

STAMP	PRECAST DRAWINGS CREATED BY: REIGSTAD TEL: 651-292-1123 FAX: 651-292-8013 www.reigstad.com
PROJECT CONTACT : TROY BROKER PHONE: 651-292-3151 E-MAIL: tbroker@reigstad.com	

PROJECT: CANNERY TRAILS	1203 70TH AVN ROBERTS, MN 56023 PHONE: (605) 426-1126 FAX: (715) 749-3980
TITLE: HOLLOWCORE DETAILS	CERTIFIED PLANT
CONTRACTOR: ROYAL CONSTRUCTION	PROJECT MANAGER: BRENT C.
ARCHITECT: OPENING DESIGN	PC ENGINEER: GSW
STRUCTURAL ENGINEER: XL STRUCTURAL ENGINEERING	DRAWN BY: AIG
PROJECT LOCATION: EAU CLAIRE, WI	CHECKED BY: AIG

REVISION HISTORY

REVISION #	DESCRIPTION	DATE
SUBMITTED FOR APPROVAL - NOT FOR CONSTRUCTION	11-18-2019	11-18-2019
PER APPROVAL	12-10-2019	12-10-2019

SHEET INDEX

SHEET NO.	TITLE	REVISION #
1.0	FIRST FLOOR BEAM AND COLUMN SETTING PLAN	
2.0	BEAM AND COLUMN DETAILS	
2.1	BEAM AND COLUMN DETAILS	
3.0	FIRST FLOOR AND SECOND FLOOR HOLLOWCORE LAYOUTS	
4.0	HOLLOWCORE DETAILS	
4.1	HOLLOWCORE DETAILS	
8.0	FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS	
9.0	PRECAST MEMBER SCHEDULES (NOT INCLUDED ON APPROVAL)	

OUTSTANDING RFI's

-NONE

DRAWING NOTES:

- PRECAST SHOP DRAWINGS WERE DEVELOPED FROM *ARCHITECTURAL DRAWINGS DATED 9-21-19 (PERMIT REVISION) 10-23-19 (PERMIT SET #)
- *STRUCTURAL DRAWINGS DATED 8-21-19 (PERMIT SET #) 10-14-19 (UPDATED LOAD VALUES) 11-7-19 (UPDATED FOUNDATION)
- TOP OF INTERIOR COLUMN FOOTING ELEVATION = +14'-0" (U.N.O.)
- TOP OF GARAGE FLOOR SLAB ELEVATION = (-12'-8") (AT HIGH POINTS)
- TOP OF FIN. FLOOR ELEV. "LEVEL-1" = 0'-0" (3" TOPPING)
- TOP OF PRECAST PLANK ELEV. "COURTYARD" = (-0'-9") SEE PLAN FOR LOC.
- TOP OF PRECAST PLANK ELEV. "LEVEL-2" = 11'-0"
- TOP OF FIN. FLOOR ELEV. "LEVEL-2" = 11'-3" (3" TOPPING)
- PLANK LAYOUT IS FOR REPRESENTATION ONLY. FINAL PLANK TO BE COMPLETE AFTER PRECAST APPROVAL DRAWINGS ARE RETURNED AND ALL OPENING REQUIRED IN THE PRECAST FLOOR SYSTEM HAVE BEEN LOCATED AND VERIFIED.

DESIGN NOTES:

STRUCTURAL STEEL BEAMS AND HEADERS, WALL TYPE, WALL THICKNESS, AND REINFORCEMENT SHALL BE DESIGNED AND ENGINEERED BY OWNER AND ARE NOT THE RESPONSIBILITY OF COUNTY MATERIALS CORPORATION.

A BOND REBAR TO BE DESIGNED AND ENGINEERED BY THE OWNER, SHOULD BE PORED INTO THE TOP CENTER OF A MASONRY WALL. ADDITIONALLY CORE FILLING EVERY 4'-0" ON CENTER IS RECOMMENDED FOR MASONRY CONSTRUCTION.

FIELD CORE DRILLING GUIDELINES:

CARE MUST BE EXERCISED NOT TO CUT STRAND IN THE PLANK WEB AREA'S. RELOCATE OPENINGS CONSIDERING THE STRAND LOCATION INDICATED IN THE CROSS-SECTION.

ALL CORE DRILLING IN PLANK TO BE IN THE PLANK OPEN CORE AREA'S ONLY. PLANK OPENINGS THAT EXCEED THE WIDTH OF A CORE DRILLING THAT CROSS A PLANK WEB ARE NOT TO BE CUT WITHOUT PRIOR APPROVAL FROM COUNTY MATERIALS CORPORATION.

GENERAL NOTES:

DESIGN AND FABRICATION OF HOLLOW CORE PER ACI 318-08 SPECIFICATION.

OPENINGS SMALLER THAN 4" IN DIAMETER OR 8" SQUARE MUST BE FIELD CUT BY THE GENERAL CONTRACTOR.

THE HOLLOW CORE HAS BEEN DESIGNED AND ENGINEERED IN ACCORDANCE WITH THE DESIGN LOADS AND TOPPING TYPE AS INDICATED IN THE ORIGINAL BID DOCUMENTS AND IS TO BE ERECTED AS SUCH. IF NO LOADING OR TOPPING IS GIVEN, THE DESIGN LOADS AND TOPPING AS INDICATED IN THIS PLAN WILL DICTATE THE DESIGN.

TOPPING TO BE CONSIDERED STRUCTURAL OR NON-STRUCTURAL IN ACCORDANCE TO ORIGINAL BID DOCUMENTS. TOPPING TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SANDBAGGERS. HOLLOW CORE TO BE SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

TO SPRAYED WET WITH BONDING AGENT JUST PRIOR TO APPLICATION OF TOPPING.

LEGEND:
 WL: wall load
 WLs: wall load (shear wall south facade)
 WLw: wall load (shear wall west facade)
 WLc: wall load (shear wall east facade)
 WLec: wall load (shear wall courtyard east facade)
 WLwc: wall load (shear wall courtyard west facade)

Mark	Dead Load Kips/ft	Live Load Kips/ft	Snow Load Kips/ft	W-E Wind Load				N-S Wind Load			
				Uplift Kips/ft	Down Blt Kips/ft	In plane Kips/ft	Out of plane Kips/ft	Uplift Kips/ft	Down Blt Kips/ft	In plane Kips/ft	Out of plane Kips/ft
WL1	2.06	3.51	1.51	N/A	N/A	N/A	N/A	-0.76	N/A	1.16	13.14
WL2	2.08	3.51	1.51	N/A	N/A	N/A	N/A	-0.78	N/A	1.18	13.23
WL3	1.47	2.15	0.89	N/A	0.55	N/A	N/A	0.44	N/A	0.84	9.55
WL4(N1A)	1.02	1.57	0.69	N/A	N/A	N/A	N/A	0.44	N/A	0.84	2.97
WL5	0.04	0.12	0.00	N/A	N/A	N/A	N/A	0.00	N/A	N/A	N/A
WL6	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL7	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL7a	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL8	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL9	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL10	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL11	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL12	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL13	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL14	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL15	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL16	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL17	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL18	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL19	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL20	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97
WL21	1.00	1.57	0.69	N/A	0.52	N/A	N/A	0.44	N/A	0.84	2.97

SUPERIMPOSED UNIFORM LOAD SCHEDULE					
MARK	DEAD LOAD PSF	LIVE LOAD PSF	SNOW LOAD PSF	COMMENTS	
110.00	100.00	42.00		YARDS AND TERRACES	
20.00	100.00	N/A		CORRIDORS FIRST FLOOR	
20.00	100.00	N/A		STAIRS AND EXITS	
20.00	100.00	N/A		STORE FIRST FLOOR	
20.00	40.00	N/A		PRIVATE ROOMS MULTIFAMILY DWELLING	

POINT LOAD SCHEDULE					
Mark	Dead Load kip	Live Load kip	Snow Load kip	Wind Load kip	
PL1	31.14	42.84	22.33	-1.82	
PL2	34.73	53.36	23.46	-14.82	
PL3	1.00	1.00	0.00	4.42	
PL4	11.63	17.24	9.77	-4.91	
PL5	0.96	2.57	0.00	3.91	
PL6	2.05	2.83	0.54	0.00	
PL7	0.50	0.14	0.00	0.00	
PL8	0.50	0.14	0.00	0.00	
PL9	0.50	0.14	0.00	0.00	
PL10	28.12	22.19	6.67	0.00	
PL11	18.83	13.67	5.71	0.00	

1 8.0 FIRST FLOOR PRECAST LOADING PLAN
SCALE: $\frac{1}{8}$ " = 1'-0"

STAMP

PRECAST DRAWINGS CREATED BY:
REIGSTAD

TEL: 651-292-1123
FAX: 651-292-8015
www.reigstad.com

PROJECT CONTACT : TROY BROKER
PHONE: 651-292-3151
E-MAIL: tbroker@reigstad.com

PROJECT: CANNERY TRAILS

TITLE: FIRST FLOOR AND SECOND FLOOR PRECAST LOADING PLANS

CONTRACTOR: ROYAL CONSTRUCTION
ARCHITECT: GSW
OPENING DESIGN: GSW
STRUCTURAL ENGINEER: XC STRUCTURAL ENGINEERING
PROJECT LOCATION: EAU CLAIRE, WI
PROJECT MANAGER: BRENT C.
PC ENGINEER: 47-091-19
DRAWN BY: AIG
SHEET NO.: 8.0
CHECKED BY: AIG
8.0

peI CERTIFIED PLANT

