FRAMING NOTES

1. REFER TO FASTENER REQUIREMENTS THIS PAGE.
2. EXTERIOR SHEATHING JOINTS SHALL BE BLOCKED WITH 2X LUMBER.
3. CONNECT ALL RAFTERS TO TOP PLATE WITH FASTENERS AS SHOWN.
4. EXTERIOR SHEATHING MUST CONNECT TO TOP AND BOTTOM PLATES W/ 8D NAILS, 6" O.C. MIN. OR PER PLAN AND DETAILS.
5. SILL PLATES CONNECT TO FOUNDATION WITH ANCHORS AND STRAPS AS SPECIFIED IN THE FOUNDATION DETAILS.
6. TOP PLATES MUST OVERLAP MINIMUM 24 INCHES AND BE NAILED WITH MINIMUM 12 EACH 16D NAILS.
7. ALL WALLS SHALL BE SHEATHED ON BOTH SIDES.
   - 7.1. INTERIOR WALLS SHALL BE SHEATHED WITH $\frac{1}{2}$" GYPSUM WALLBOARD.
   - 7.2. EXTERIOR WALLS SHALL BE SHEATHED WITH $\frac{7}{16}$" OSB MIN.
8. REFER TO SHEET S600 FOR TYPICAL WALL SECTIONS.
9. INSTALL SHEAR PANELS INTO WALL CAVITIES AT ALL EXTERIOR CORNERS WITH WINDOW OR DOOR OPENINGS 4' OR LESS FROM CORNER OR LOCATIONS PER PLAN (SEE DETAIL SHEET S600)
10. ALL TRUSSES, ENGINEERED LUMBER, AND METAL CONNECTORS TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
11. THE STRUCTURAL INTEGRITY OF THIS STRUCTURE IS DESIGNED TO BE ATTAINED IN ITS COMPLETED STATE. WHILE UNDER CONSTRUCTION ANY TEMPORARY BRACING OR SHORING WHICH MAY BE REQUIRED TO MAINTAIN STABILITY PRIOR TO COMPLETION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. ALL NAILING REQUIREMENTS SHALL BE AS PER THE INTERNATIONAL BUILDING CODE UNLESS NOTED DIFFERENTLY ON THE DRAWINGS. NAILING REQUIREMENTS ARE IN ADDITION TO THE REQUIREMENTS OF THE SPECIFIED WOOD CONNECTORS.
13. ALL NAILING REQUIREMENTS LISTED ARE BASED UPON THE USE OF COMMON WIRE NAILS. ALTERNATIVE NAIL TYPES OF EQUIVALENT DIAMETERS MAY BE SUBSTITUTED, WITH PRIOR APPROVAL OF THE ENGINEER OF RECORD.
14. WOOD CONNECTIONS SHALL BE MADE WITH STRUCTURAL HANGERS/STRAPS AS MANUFACTURED BY SIMPSON COMPANY, OR PRE-APPROVED EQUIVALENT. ALL INSTALLATION SHALL BE WITH NAIL TYPES AND SIZES AS REQUIRED BY THE MANUFACTURER TO DEVELOP THE FULL STRENGTH OF EACH CONNECTOR SPECIFIED.
15. WOOD DESIGNATED AS TREATED (PTP OR P.T.) SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C2.

ROOFING AND TRUSS NOTES

1. PRE-ENGINEERED TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION.
2. ALL TRUSS CONNECTIONS SHALL BE DESIGNED BY PRE-ENGINEERED TRUSS MANUFACTURER.
3. ROOF LAYOUT AND SLOPES SHALL BE PER DRAWINGS.
4. ATTIC DESIGN FOR LIMITED STORAGE AS SHOWN.
5. STAGGER SHEATHING ON RAFTERS 4' ON CENTER, BLOCK ALL JOINTS W/ 2X LUMBER.
6. APPLY 30# FELT UNDERLAYMENT ON SHEATHING WITH STAPLES OR TACKS 24" ON CENTER BOTH ENDS AND IN CENTER OF ROLL.
7. INSTALL METAL ROOFING PER MANUFACTURER SPECIFICATIONS FOR 140 MPH WIND.

ROOFING MATERIAL NOTES

1. RAFTER MATERIAL: NO. 2 SYP OR PER DETAILS
2. DECKING: MINIMUM $\frac{15}{32}$" OSB T&G OR CDX SPAN RATED24/16 OR BETTER.
3. COVER: SHINGLE OR 26 GA. MIN STEEL ROOFING, 30# FELT PAPER, DOUBLED AT EDGES.

MATERIAL SELECTION

1. SOUTHERN YELLOW PINE GRADE 2 OR BETTER WITH A MINIMUM BENDING STRESS Fb= 1,200 PSI FOR FRAMING AND BEARING MEMBERS.
2. EXTERIOR COVER STANDARD COMMERCIAL RATED FOR 130 MPH WIND.
3. MINIMUM $\frac{7}{16}$" OSB OR STRUCTURAL WOOD PANELING WALL SHEATHING.
4. MINIMUM $\frac{15}{32}$" OSB OR STRUCTURAL WOOD PANELING FOR ROOF SHEATHING.
5. NEW, CEMENT COATED SINKERS, WALLBOARD NAILS, OR OTHER APPROVED AS LISTED IN FASTENER PAGE.
6. UNDERLAYMENT TOTAL 30# WATERPROOF FELT MEMBRANE.
7. INTERLOCKING ASPHALT SHINGLES PER ASTM D225 AND D3462.
8. ALUMINUM 0.024 MIN. OR GALVANIZED 26 GA FLASHING.
9. ALL CONCRETE 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
10. DUPONT TYVEK OR EQUIVALENT HOUSEWRAP.
11. GRADE OR BELOW VAPOR BARRIER MINIMUM 6 MIL POLYETHYLENE.
12. ALL FRAMING ANCHORS, STRAPS, TIES SELECTED FROM SIMPSON STRONG TIE. APPROVED EQUIVALENT STANDARD GALVANIZED ELEMENTS WITH SIMILAR CAPACITIES MAY BE SUBSTITUTED.
13. WOOD OR HOLLOW COMPOSITE EXTERIOR DECORATIVE COLUMNS SHALL BE STRUCTURAL RATED.
14. ALL WINDOWS SHALL BE LOW E, DOUBLE PANED, DOUBLE HUNG, GLAZED FOR AIRBORNE DEBRIS.
15. BEAMS AS SPECIFIED TO BE INSTALLED PER MANUFACTURER SPECS.
16. BRICK VENEER DESIGN 3" MAX DEPTH, 36 PSF GROUTED DENSITY.

GENERAL NOTES

1. THESE DRAWINGS INDICATE A GENERAL SCOPE OF WORK AND MAY NOT DESCRIBE THE ENTIRE EXTENT OF WORK REQUIRED FOR PROJECT COMPLETION. THE CONTRACTOR/OWNER ARE RESPONSIBLE FOR ALL LABOR, MATERIALS, SUPERVISION, UNSPECIFIED MATERIAL SELECTION, ADHERENCE TO LOCAL BUILDING CODES, AND QUALITY CONTROL.
2. ALL DIMENSIONS SHOWN ON DRAWINGS ARE APPROXIMATE. CONTRACTORS, SUBCONTRACTORS, AND MATERIAL SUPPLIERS ARE RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS REQUIRED FOR CONSTRUCTION.
3. REQUIREMENTS SET FORTH BY THE BUILDING INSPECTOR OR LOCAL AUTHORITIES IN CONTRAST WITH THE CONTENTS OF THESE DRAWINGS SHALL TAKE PRECEDENCE.
4. IN THE CASE OF CONFLICT BETWEEN THE STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE.
5. ALL CONSTRUCTION SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, 2015 EDITION, AND ALL INCLUDED REFERENCE CODES AND STANDARDS, THE LATEST EDITIONS AT THE TIME OF PERMITTING. REFERENCED SECTIONS OF THE BUILDING CODES ARE NOT INTENDED TO BE ALL INCLUSIVE, THAT IS, OTHER PERTINENT SECTIONS MAY NOT BE NOTED ON THE DRAWINGS BUT ARE STILL THE RESPONSIBILITY OF THE CONTRACTOR.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL CONSTRUCTION CONFORMS TO ALL LOCAL CODES AND LAWS REGARDLESS OF ANY OMISSION FROM THE DRAWINGS.

FOUNDATION NOTES

1. ANCHOR BOLTS SHALL BE EMBEDDED MIN. 7" AND FASTENED WITH 3"X3"X$\frac{1}{4}$" WASHERS AND NUTS. (SEE SIMPSON BP OR LBPS.)
2. CAST IN PLACE ANCHORS SHALL BE SIMPSON SSTB16 ANCHORS OR APPROVED EQUIVALENT.
3. ALL ANCHOR BOLTS INSTALLED AFTER CONCRETE IS PLACED SHALL BE $\frac{5}{8}$" GALVANIZED THREADED ROD (GRADE 36 OR BETTER) DRILLED AND INSTALLED WITH 5" MIN. EMBEDMENT AND ANCHORED WITH SIMPSON *SET* EPOXY, OR TITAN HD ANCHORS OR APPROVED EQUIVALENT, ADHESIVE/ANCHORS PER MANUFACTURER INSTRUCTIONS.
4. INSTALL ANCHOR BOLTS WITHIN 12" OF BUILDING CORNERS AND 48" ON CENTER ALONG THE WALLS.
2. CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH ON 6 MIL POLYETHYLENE VAPOR BARRIER.
3. ALL EMBEDDED STRUCTURAL STEEL, INCLUDING ANCHOR BOLTS, SHALL COMPLY WITH ASTM A36, UNLESS INDICATED DIFFERENTLY ON DRAWINGS.
4. BACKFILL BENEATH FOUNDATIONS, TRENCHES, AND SLABS SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF STANDARD PROCTOR AND SHALL BE COMPACTED AND TESTED IN LIFTS NOT TO EXCEED 10 INCHES.
5. BACKFILL MATERIAL SHALL BE COHESIONLESS SOIL NO MORE THAN 15% FINES (MATERIAL PASSING THE NO. 200 SIEVE) BY WEIGHT, HAVING A MAXIMUM DRY DENSITY OF AT LEAST 105 PCF AS DETERMINED BY A LABARATORY MODIFIED PROCTOR COMPACTION TEST. THE SOIL SHOULD BE RELATIVLEY FREE OF ORGANICS, DELETERIOUS MATTER, AND ELONGATED OR FLAT PARTICLES SUSCEPTIBLE TO DEGRADATION. OBSERVATION OF BACKFILLING AND COMPACTION TESTING SHALL BE PERFORMED BY QUALIFIED GEOTECHNICAL ENGINEER
6. WHENEVER FOOTINGS BEAR ON STRUCTURAL FILL, THE STRUCTURAL FILL SHALL EXTEND LATERALLY BEYOND THE EDGES OF THE FOOTINGS FOR A MINIMUM DISTANCE EQUAL TO THE DEPTH OF THE STRUCTURAL FILL BENEATH THE FOOTINGS.

CONCRETE / SLAB ON GRADE NOTES

1. ALL SLABS ON GRADE SHALL BE CONSTRUCTED ON COMPACTED TERMITE TREATED SOIL. SUBGRADE SOIL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR.
2. CONSTRUCT FORMS TO COMPLY TO SHAPES, LINES, AND DIMENSIONS SHOWN ON DRAWINGS TO OBTAIN AND HOLD ACCURATE ALIGNMENT OF CONCRETE DURING PLACEMENT AND CURING.
3. ALL PIPING, CONDUITS, ETC. SHALL BE LAID BELOW THE BOTTOM SURFACE OF SLABS-ON-GRADE.
4. FABRICATE FORMS FOR EASY REMOVAL WITHOUT HAMMERING OR PRYING AGAINST CONCRETE SURFACES.
5. THOROUGHLY CLEAN FORMS AND ADJACENT SURFACES TO RECEIVE CONCRETE. REMOVE CHIPS, WOOD, SAWDUST, DIRT AND OTHER DEBRIS PRIOR TO PLACEMENT.
6. CLEAN REINFORCEMENT OF LOOSE RUST, MILL SCALE, DIRT, OR ANY OTHER FOREIGN MATERIAL. ACCURATELY POSITION, SUPPORT AND SECURE REINFORCEMENT.
7. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF ACI-318, LATEST EDITION.
8. ALL FOUNDATIONS ARE TO BEAR ON UNDISTURBED "RESIDUAL SOIL" OR ON TESTED, STRUCTURAL BACKFILL (95% MODIFIED PROCTOR VALUE FOR STRUCTURAL FILL).
9. CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH ON 6 MIL POLYETHYLENE VAPOR BARRIER.
10. PROPORTION AND DESIGN MIXES TO RESULT IN CONCRETE SLUMP AT POINT OF PLACEMENT NOT LESS THAN 3" AND NOT MORE THAN 5". ADDITION OF WATER TO READY-MIX CONCRETE IN THE FIELD SHALL NOT BE ALLOWED.
11. DEPOSIT CONCRETE IN A CONTINUOUS OPERATION UNTIL THE PLACING OF CONCRETE IS COMPLETE. IF THE POUR IS TO BE DISCONTINUOUS, CONTRACTOR SHALL USE CONSTRUCTION JOINTS AS APPROVED BY THE ENGINEER.
12. ALL REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BARS COMPLYING WITH ASTM SECTION A615.
13. ALL WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A 185 AND SHALL BE PROVIDED IN FLAT SHEETS.
14. ALL DETAILING, FABRICATION AND PLACEMENT OF REINFORCING STEEL SHALL COMPLY WITH THE REQUIREMENTS OF THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI-SP-66).
15. ALL REINFORCING BAR SPLICE LENGTHS AND LOCATIONS, EMBEDMENT, LENGTHS, HOOKS, ETC. SHALL BE DONE AS INDICATED ON THE DRAWINGS. NO VARIATION WILL BE ACCEPTED WITHOUT PRIOR APPROVAL OF THE ENGINEER. IF NO DIMENSION IS PROVIDED, THE SPLICE LENGTH SHALL BE CLASS "B" LENGTH AS PER ACI 318, SECTION 12.15.
16. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:
   - 16.1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH= 3 IN.
17. LOCATE CONSTRUCTION JOINTS AND/OR CONTROL JOINTS ON COLUMN LINES AND SUBDIVIDE AS REQUIRED TO FORM SLAB SECTIONS THAT ARE NO LONGER THAN 1.5 TIMES THE WIDTH NOR 30 TIMES THE SLAB THICKNESS WITH A MAX LENGTH OF 25'-0".
18. SAW CUT ALL SLABS ON GRADE AS SOON AS POSSIBLE AFTER FINISHING WITHOUT DISLODGING AGGREGATES. CONSTRUCTION JOINTS MAY BE SUBSTITUTED FOR SAW CUT JOINTS.
19. PROVIDE ½" EXPANSION MEMBRANE BETWEEN POURED SLABS AND MASONRY BLOCK WALLS.
20. PROVIDE DEEP SCORE ANTI-CRACK JOINTS ON POURED SLABS IN GARAGES AND CARPORTS BOTH DIRECTIONS.
21. ALL EXPOSED EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED 4 TO 6 PERCENT.
22. WATER SHALL NOT BE ADDED TO CONCRETE AT THE JOB SITE BEYOND THE MIX DESIGN AMOUNT. ADDITIONAL WATER SERIOUSLY REDUCES CONCRETE STRENGTH AND INCREASES SHRINKAGE.

DESIGN CRITERIA

WIND (3 SECOND GUST)	140 MPH (ASCE 7-10)
WIND EXPOSURE	CATEGORY C
RISK CATEGORY	II
SEISMIC DESIGN	ASCE 07-10
SEISMIC USE	GROUP 1
SDS/SDL	1.25
SITE CLASS	D
SEISMIC DESIGN CATEGORY	D2
SEISMIC SYSTEM	FRAMEWALL/SHEAR PANELS

LIVE LOADS

FLOOR, LIVING	40 PSF
FLOOR, SLEEPING	30 PSF
ROOF (CONSTRUCTION)	20 PSF
STAIRS	40 PSF
DECK/PORCH	60 PSF
CEILING (CONSTRUCTION)	15 PSF

DEAD LOADS

FLOOR	15 PSF
DECKS/PORCHES	10 PSF
STAIR	40 PSF
GROUND SNOW	5 PSF
ROOF	15 PSF
CEILING	8 PSF
WALL	6 PSF

DEFLECTION

FLOOR BEAM	Δ= L/360
CEILING BEAM	Δ= L/240
FLOORS	Δ= L/360
CEILING	Δ= L/240
WALLS	Δ= L/240
ROOF	Δ= L/180

MISC. DESIGN CRITERIA

ALLOWABLE SOIL PRESSURE	**1,500 PSF (ASSUMED)**
FROST DEPTH	NEGLIGIBLE
DOOR/WINDOW PRESSURE	**50 PSF**

DRAWING INDEX:

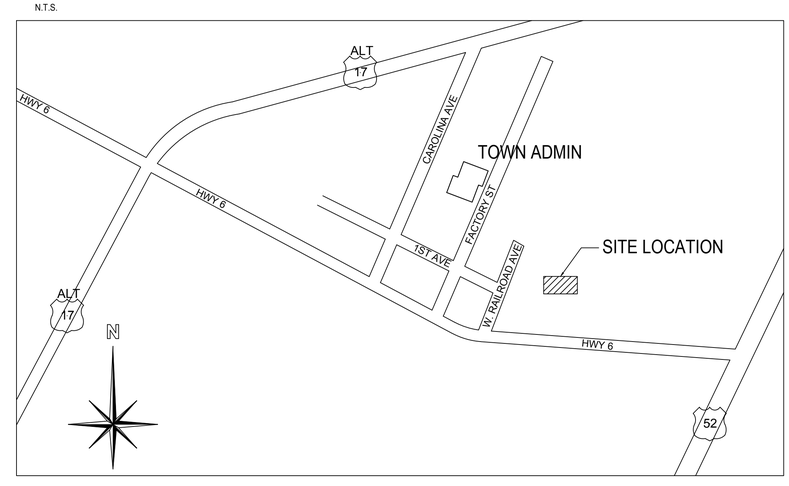
S100	COVER, VICINITY MAP, NOTES & DESIGN CRITERIA
A100	FLOOR PLAN & DETAILS
A200	ELEVATIONS
S200	FOUNDATION PLAN & DETAILS
S201	FOUNDATION DETAILS
S300	FRAMING PLAN & SECTIONS
S301	FRAMING SECTION
S400	ROOF PLAN & ROOF FRAMING PLAN
S500	STRUCTURAL DETAILS
E100	ELECTRICAL PLAN
M100	MECHANICAL & PLUMBING PLAN

REVIEWED
By Chance Price at 12:26 pm, Aug 16, 2016

MONCKS CORNER FARMER'S MARKET

VICINITY MAP

N.T.S.



SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.
1	8/3	REV. PER MC COMMENTS	CPR

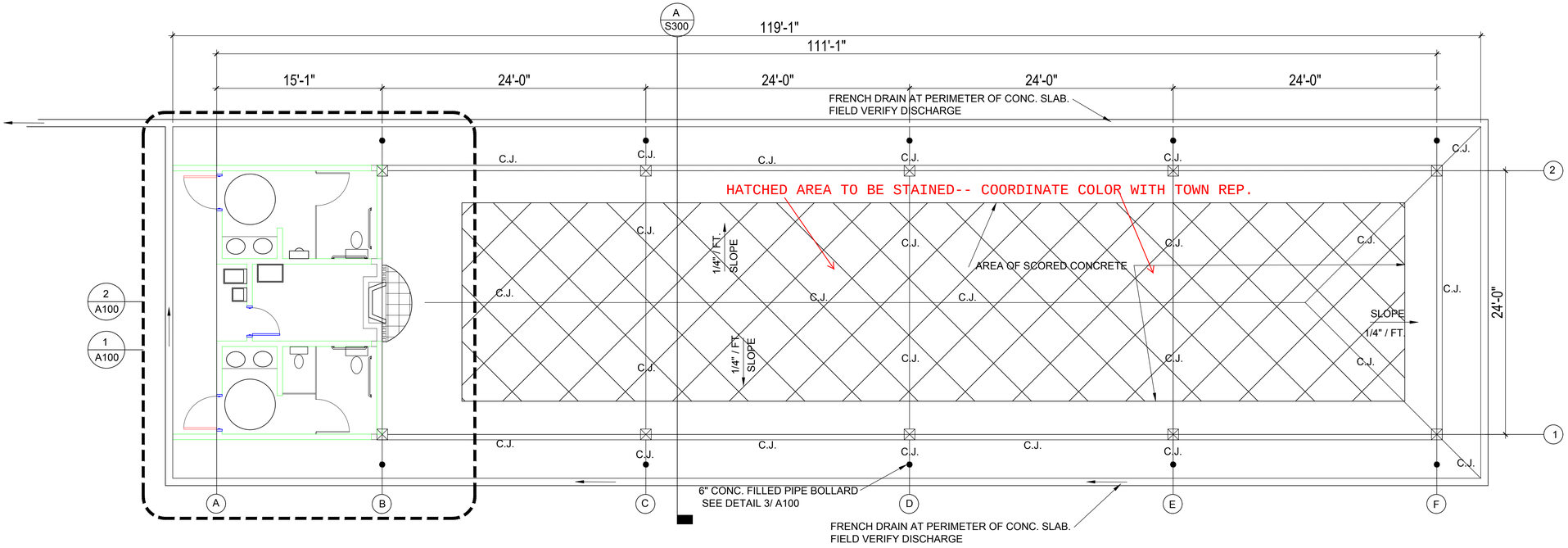
TOWN OF MONCKS CORNER – FARMER'S MARKET

GENERAL NOTES & DESIGN CRITERIA

DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE 1/4"=1'
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET/DWG

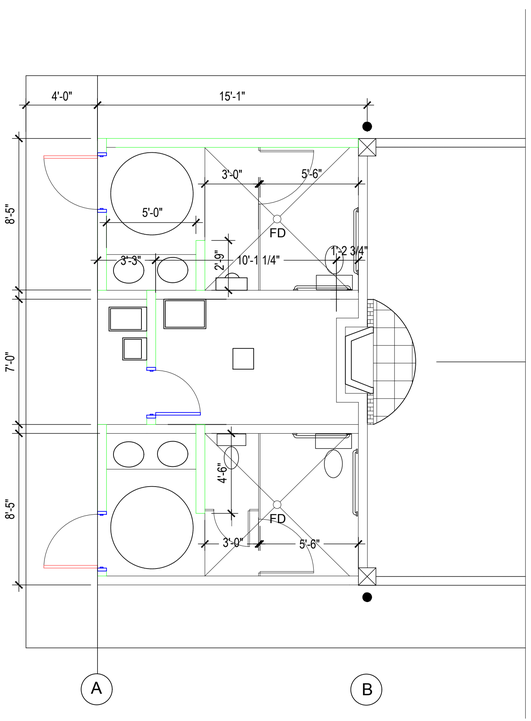
DWG. NO. 20160715-3

SHEET S100

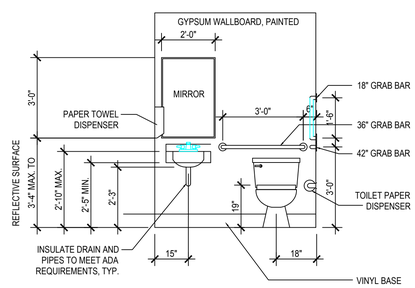


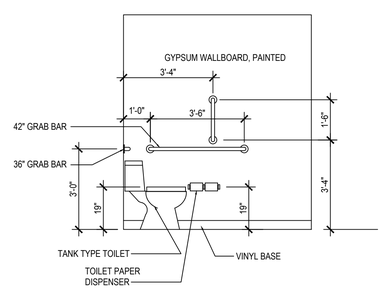
FLOOR PLAN
SCALE $\frac{3}{16}$" = 1'

REVIEWED
By Chance Price at 12:26 pm, Aug 16, 2016

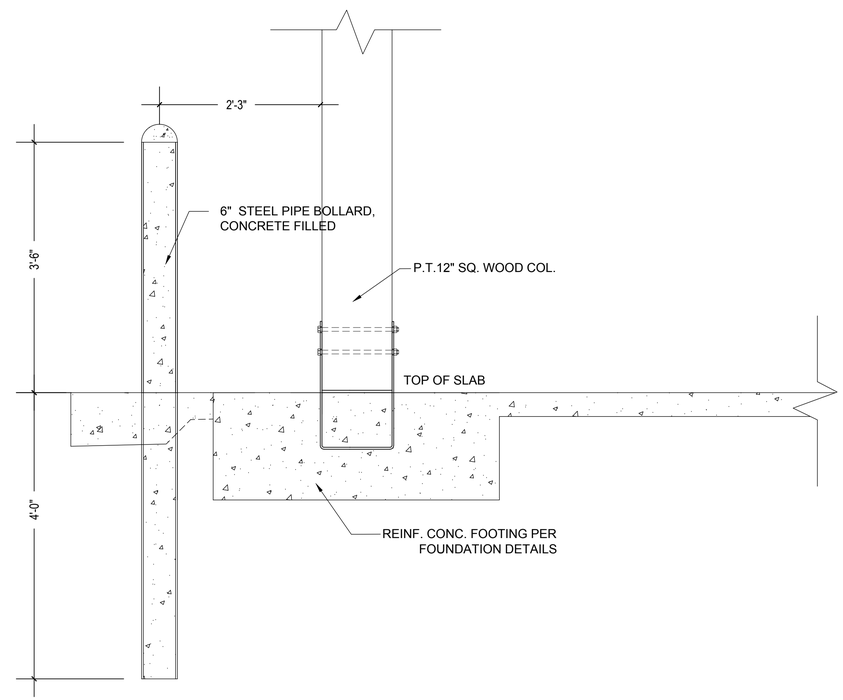


1 A100 FLOOR PLAN LAYOUT
SCALE: 1/4" = 1'-0"





2 A100 Toilet Details / Mounting hts.
SCALE: 3/8" = 1'-0"



3 A100 Bollard Detail
SCALE: 1" = 1'-0"

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.
1	8/3	REV. PER MC COMMENTS	CPR

TOWN OF MONCKS CORNER – FARMER'S MARKET

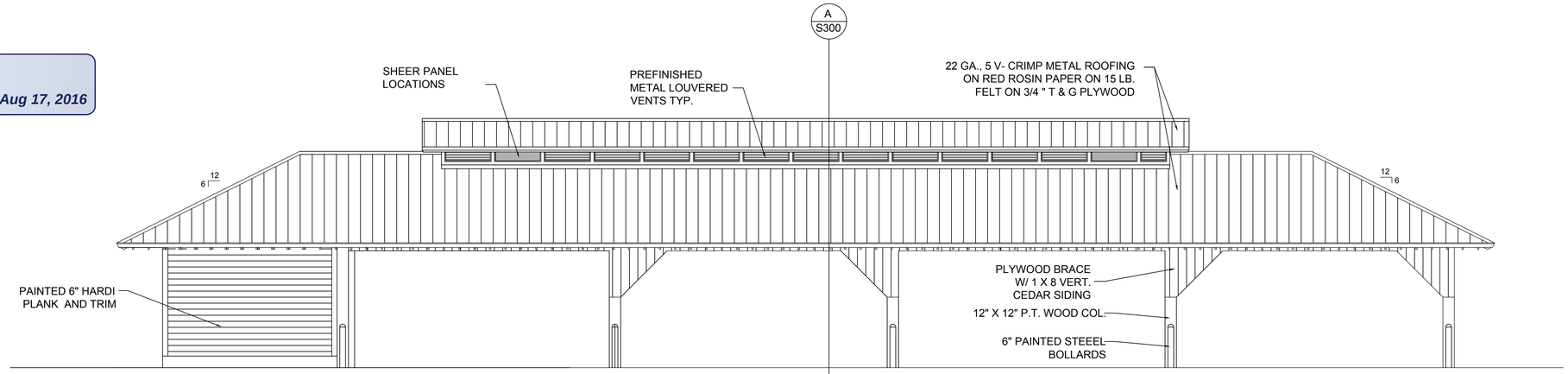
FLOOR PLAN & DETAILS

DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE AS SHOWN
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

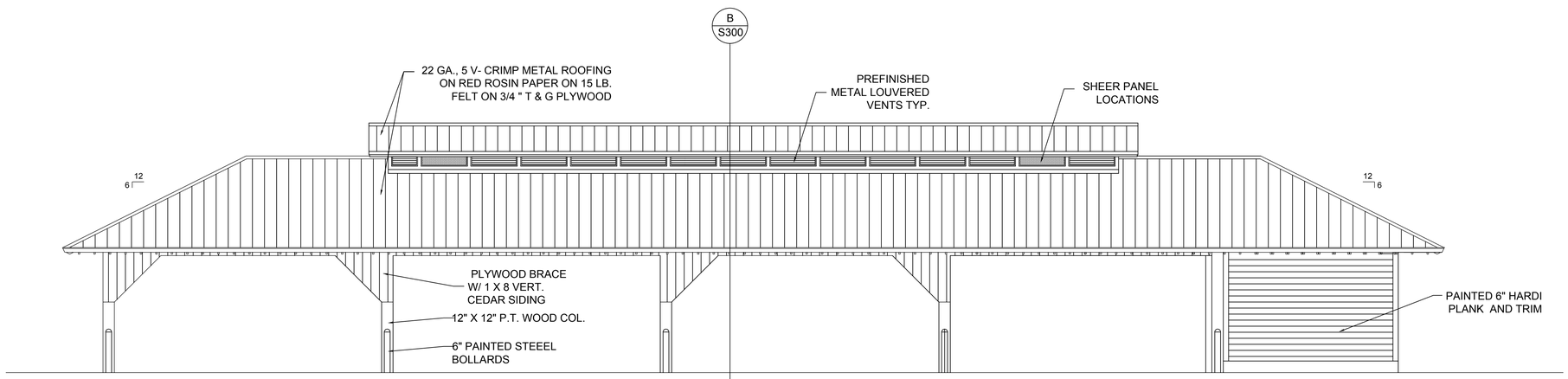
DWG. NO. 20160715–1

SHEET A100

REVIEWED
By Chance Price at 12:02 pm, Aug 17, 2016



1 North Elevation
A200 SCALE: 3/16" = 1'-0"



2 South Elevation
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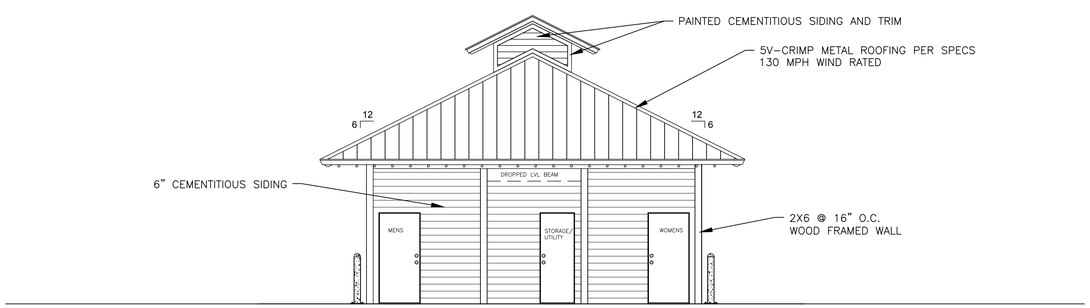

3 West Elevation
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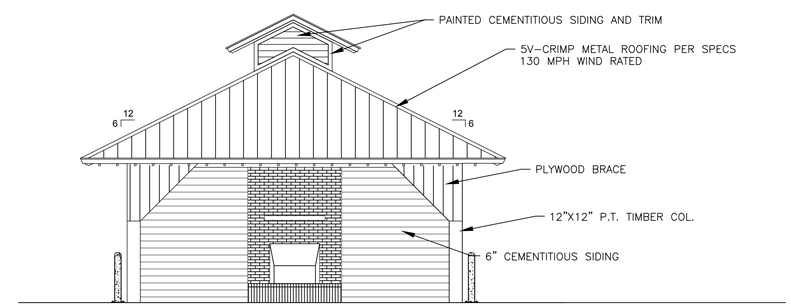


4 East Elevation
A200 SCALE: 3/16" = 1'-0"

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.

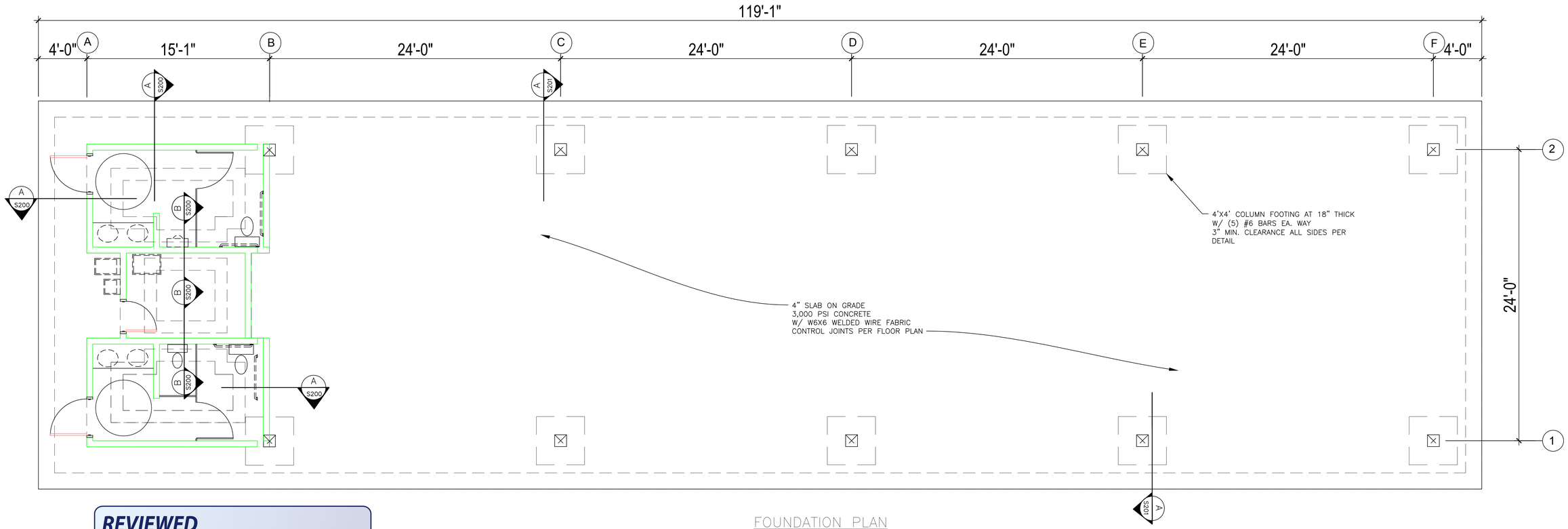
TOWN OF MONCKS CORNER – FARMER'S MARKET

ELEVATIONS

DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE 3/16"=1'
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

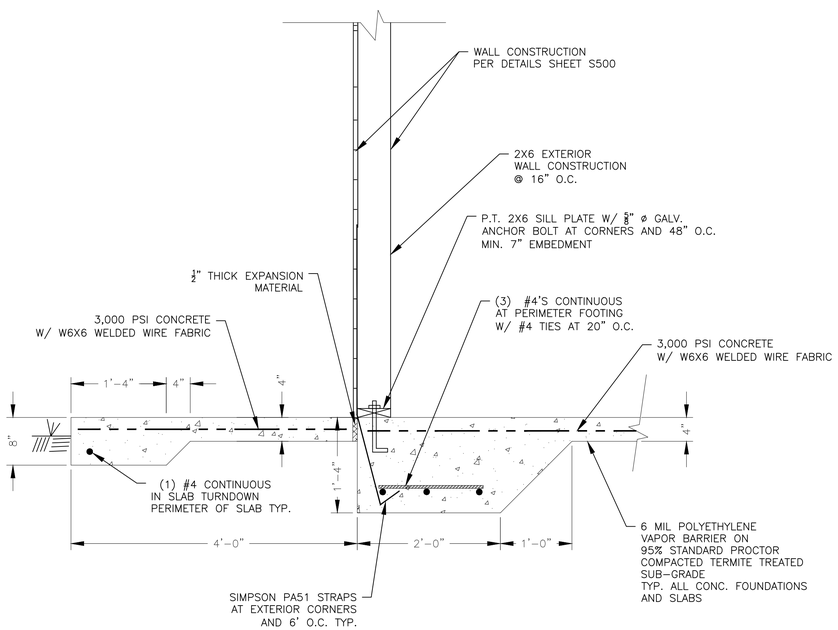
DWG. NO.
20160715–2

SHEET
A200

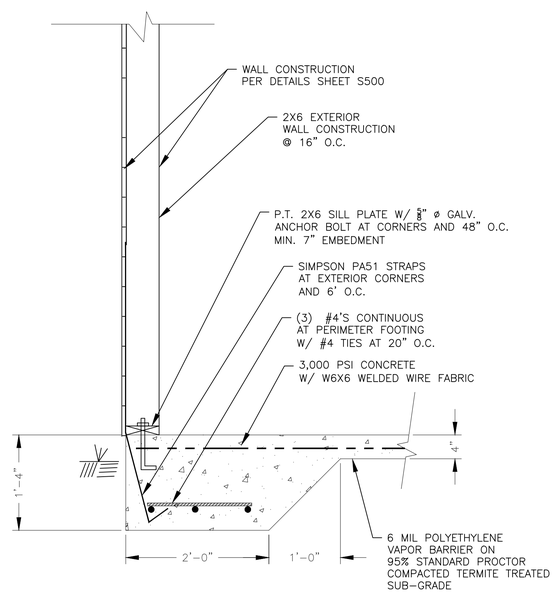


REVIEWED
By Chance Price at 12:01 pm, Aug 17, 2016

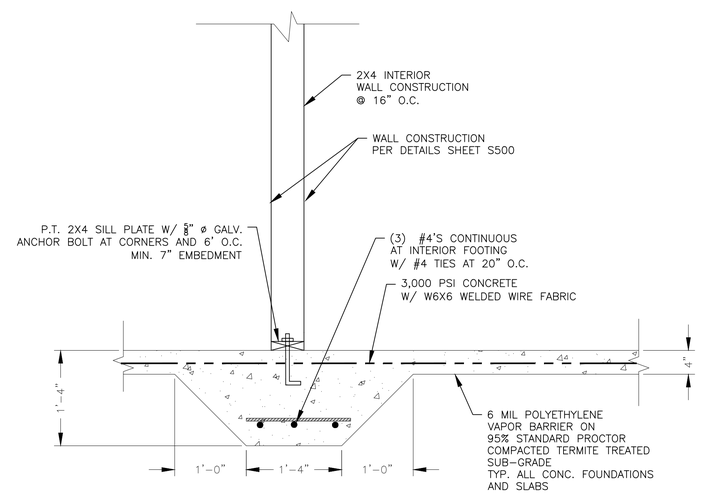
FOUNDATION PLAN
SCALE $\frac{1}{4}$"=1'



A S200 Exterior Wall Foundation Detail W/ Turndown Slab
SCALE: 1" = 1'-0"



B S200 Exterior Wall Foundation Detail
SCALE: 1" = 1'-0"



C S200 Interior Wall Foundation Detail
SCALE: 1" = 1'-0"

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.

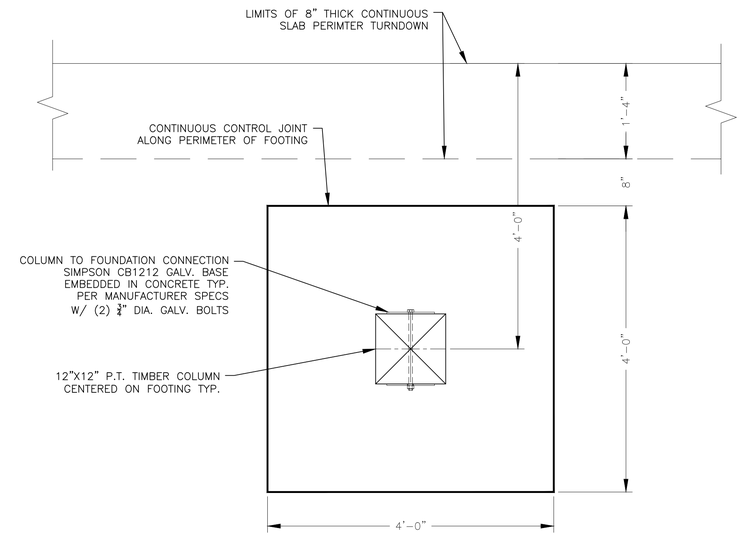
TOWN OF MONCKS CORNER – FARMER'S MARKET

FOUNDATION PLAN & DETAILS

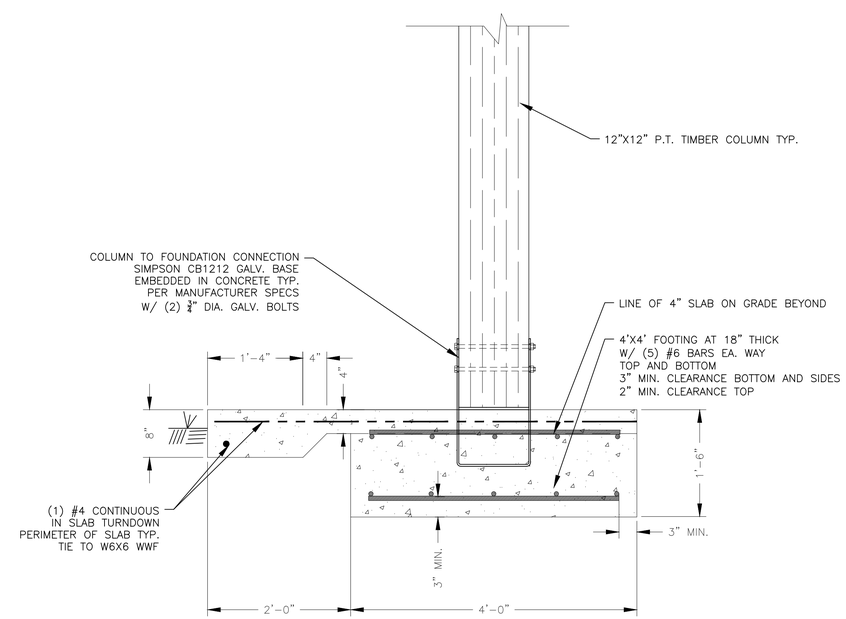
DESIGN SUPERVISOR	CALEB P. RODGERS, P.E.		
DES. ENG. CPR	CHECKED	CHECKER	
DRAFTER CPR	CHECKED	CHECKER	
DATE 07/15/2016	PROJ. NO. 20160715	SCALE AS SHOWN	
FILE CPR ENGINEERING SOLUTIONS LLC\PROJECTS\BALLENTINE BUILDERS\MC FARMERS MARKET.DWG			

DWG. NO.
20160715–4

SHEET
S200



A S201 Column Footing Plan
SCALE: 1" = 1'-0"



A S201 Column Footing Section
SCALE: 1" = 1'-0"

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.

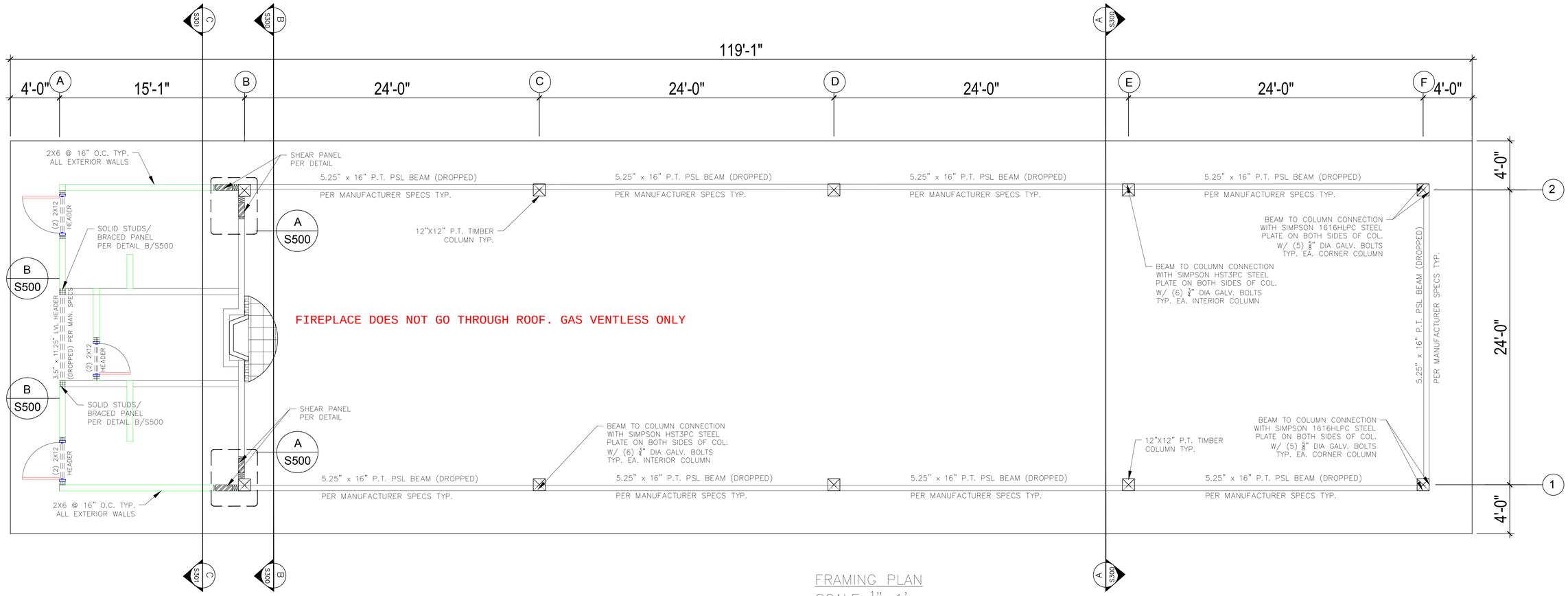
TOWN OF MONCKS CORNER – FARMER'S MARKET

FOUNDATION DETAILS

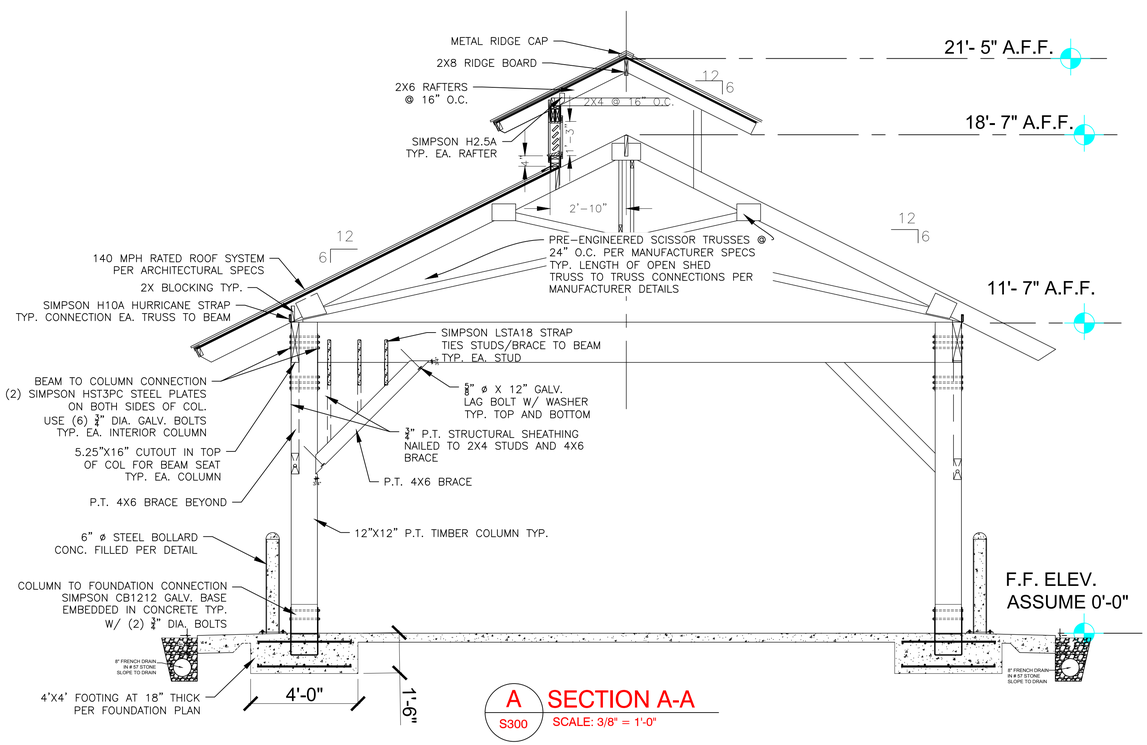
DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE AS SHOWN
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

DWG. NO. 20160715-5

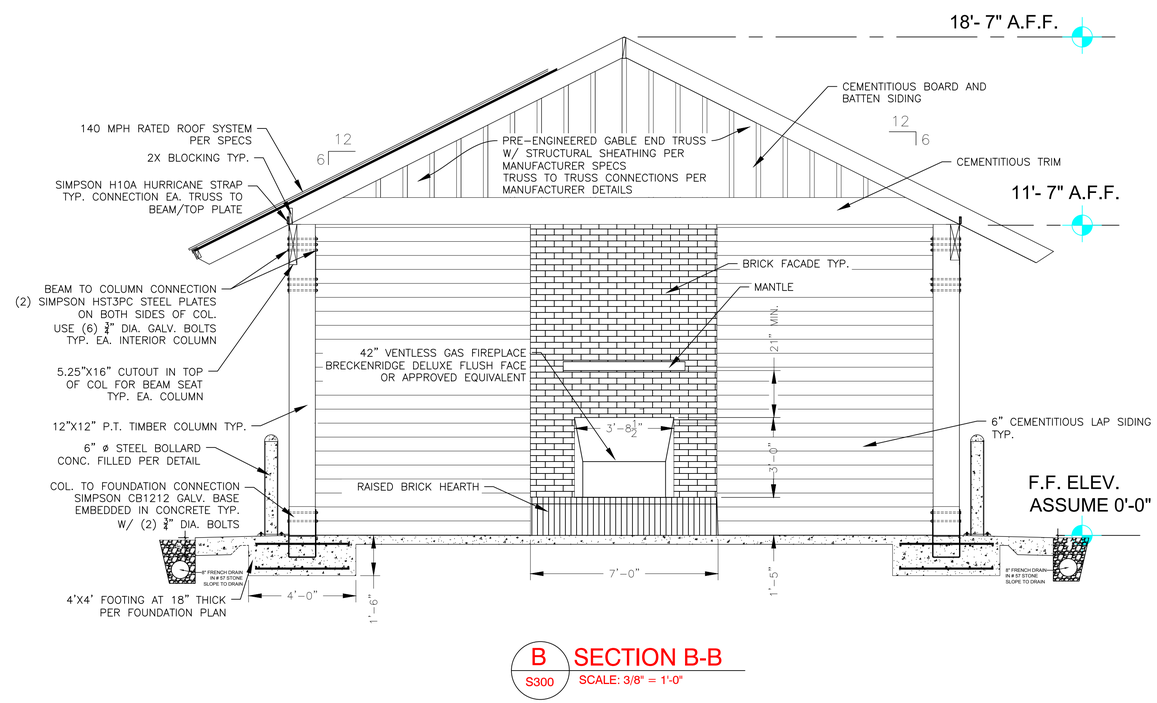
SHEET S201



FRAMING PLAN
SCALE $\frac{1}{4}$"=1'



A S300 SECTION A-A
SCALE: 3/8" = 1'-0"



B S300 SECTION B-B
SCALE: 3/8" = 1'-0"

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 32006 CALEB P. RODGERS

SOUTH CAROLINA CPR ENGINEERING SOLUTIONS, LLC No. 5170 CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.
1	8/3	REV. PER MC COMMENTS	CPR

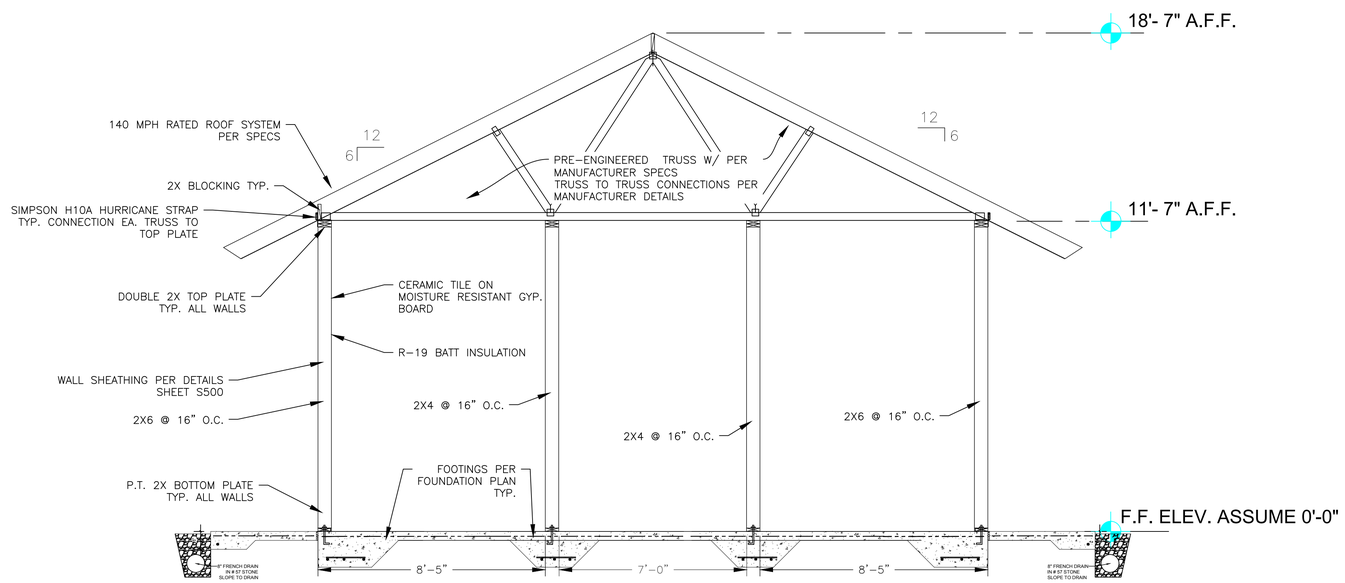
TOWN OF MONCKS CORNER – FARMER'S MARKET

FRAMING PLAN & SECTIONS

DESIGN SUPERVISOR	CALEB P. RODGERS, P.E.
DES. ENG. CPR	CHECKED CHECKER
DRAFTER CPR	CHECKED CHECKER
DATE 07/15/2016	PROJ. NO. 20160715
	SCALE AS SHOWN
FILE	CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

DWG. NO. 20160715–6

SHEET S300



C
S301

SECTION C-C

SCALE: 3/8" = 1'-0"

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
No. 32006
CALEB P. RODGERS

SOUTH CAROLINA
CPR ENGINEERING SOLUTIONS, LLC
No. 5170
CERTIFICATE OF AUTHORIZATION

CPR
ENGINEERING SOLUTIONS, LLC
208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.
1	8/3	REV. PER MC COMMENTS	CPR

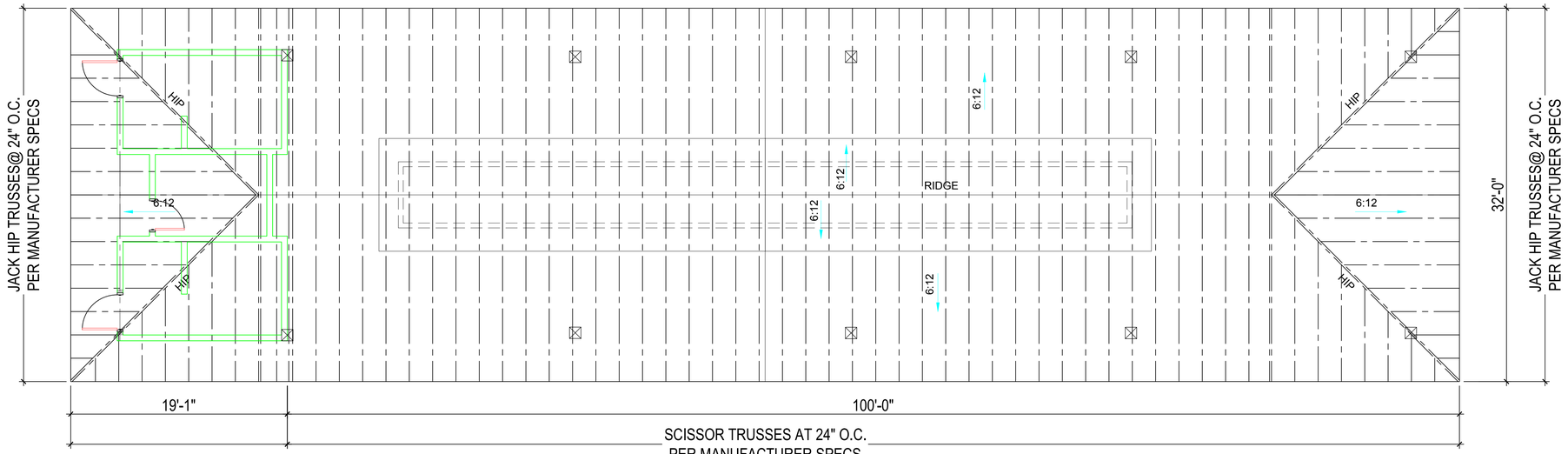
TOWN OF MONCKS CORNER – FARMER'S MARKET

FRAMING SECTION

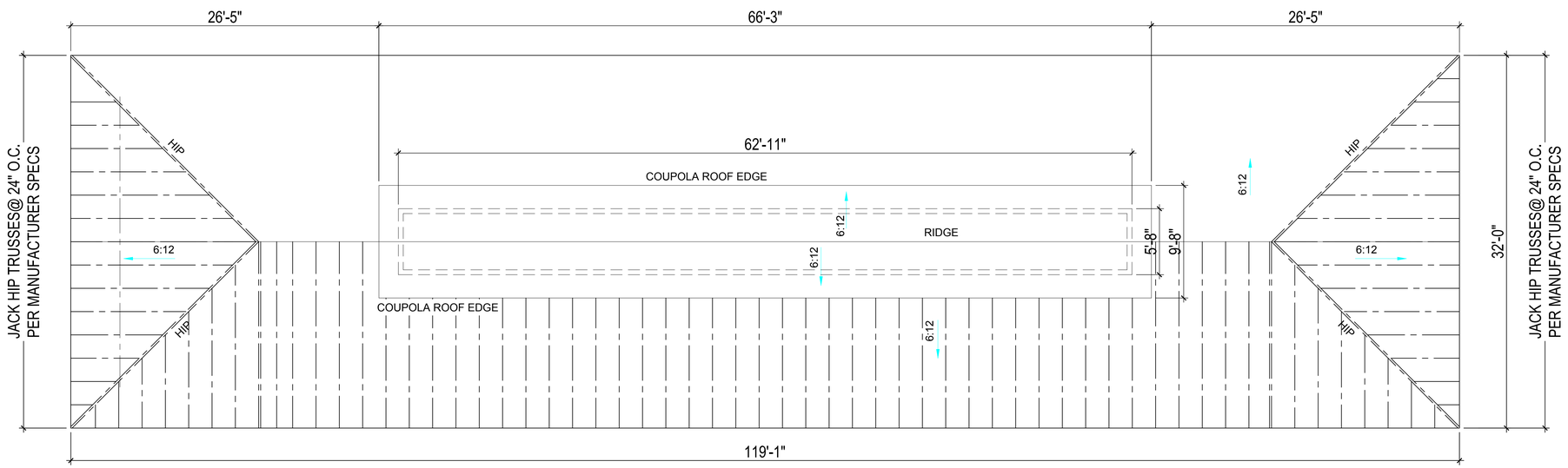
DESIGN SUPERVISOR: CALEB P. RODGERS, P.E.
DES. ENG.: CPR — CHECKED: CHECKER
DRAFTER: CPR — CHECKED: CHECKER
DATE: 07/15/2016 — PROJ. NO.: 20160715 — SCALE: AS SHOWN
FILE: CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

DWG. NO.
20160715-7

SHEET
S301



ROOF FRAMING PLAN
SCALE $\frac{3}{16}$"=1'



ROOF PLAN
SCALE $\frac{3}{16}$"=1'

ROOFING GENERAL NOTES:
1. ALL TRUSS TO TRUSS CONNECTIONS TO BE DESIGNED BY TRUSS MANUFACTURER.

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REV.	DATE	DESCRIPTION	DES. ENG.

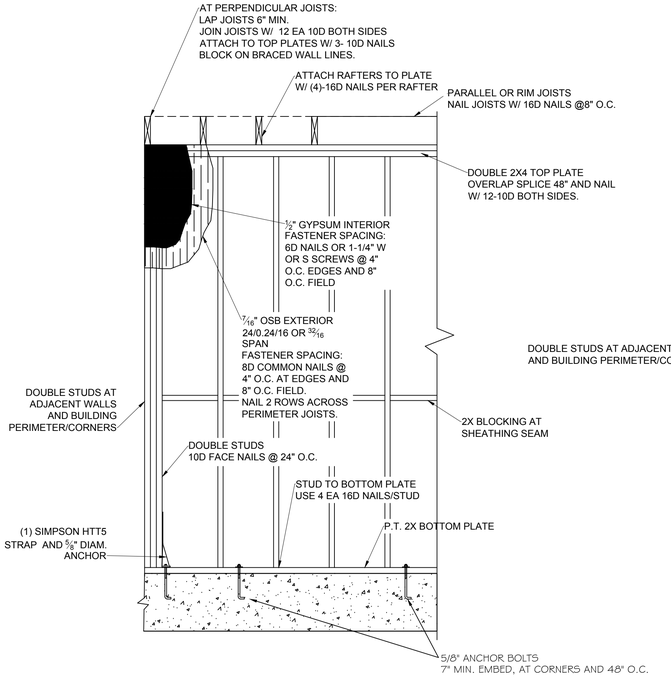
TOWN OF MONCKS CORNER – FARMER'S MARKET

ROOF PLAN AND ROOF FRAMING PLAN

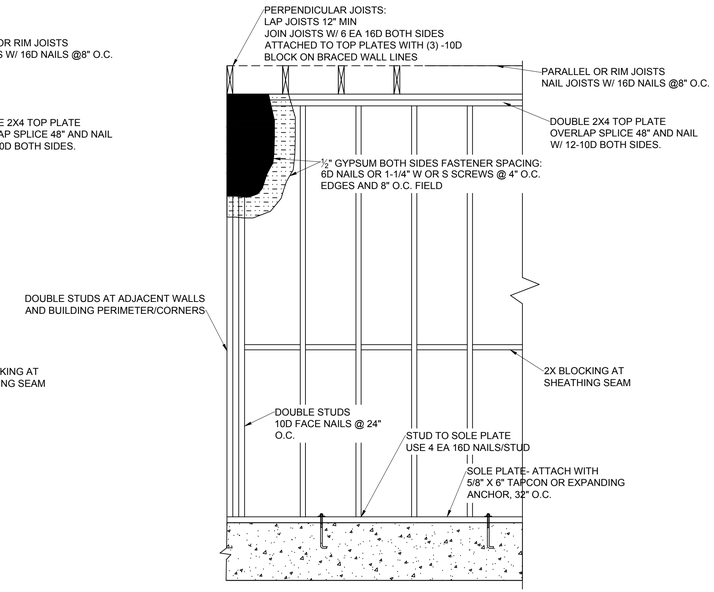
DESIGN SUPERVISOR	CALEB P. RODGERS, P.E.		
DES. ENG. CPR	CHECKED	CHECKER	
DRAFTER CPR	CHECKED	CHECKER	
DATE 07/15/2016	PROJ. NO. 20160715	SCALE 1/4"=1'	
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG			

DWG. NO.
20160715-8

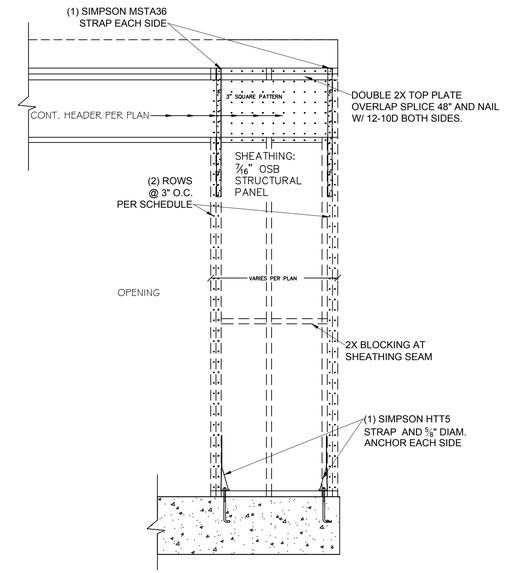
SHEET
S400



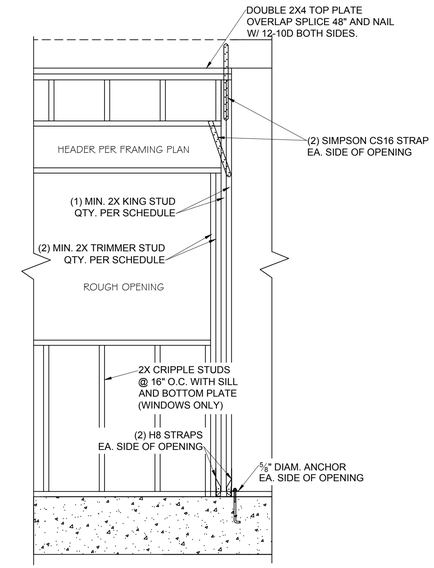
TYP. BRACED WALL PANEL- EXTERIOR
N.T.S.



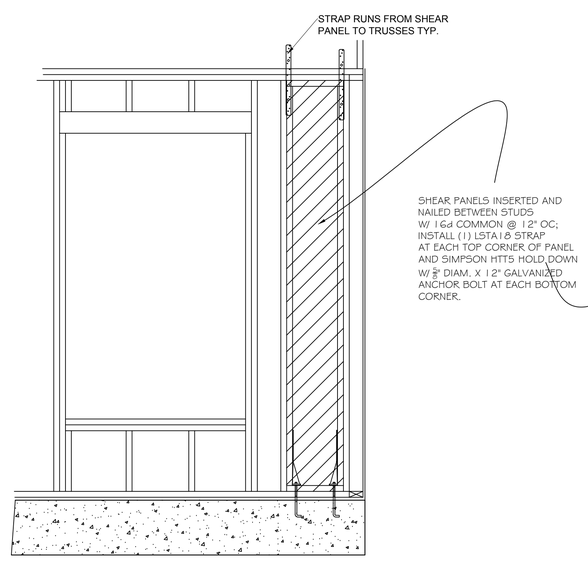
TYP. BRACED WALL PANEL- INTERIOR
N.T.S.

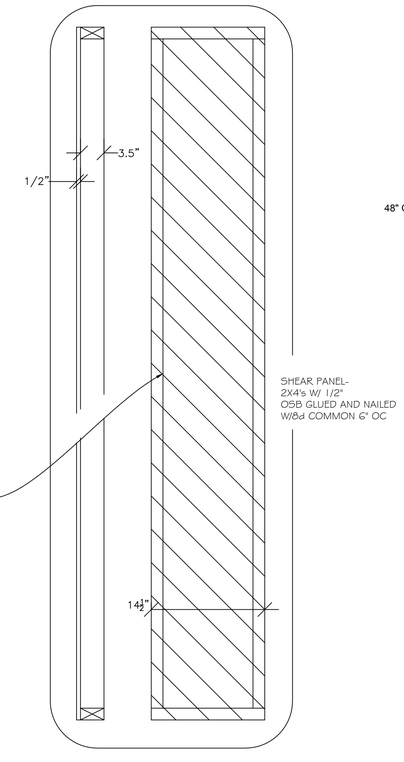


B S500 **BRACED WALL PANEL DETAIL**
SCALE: N.T.S

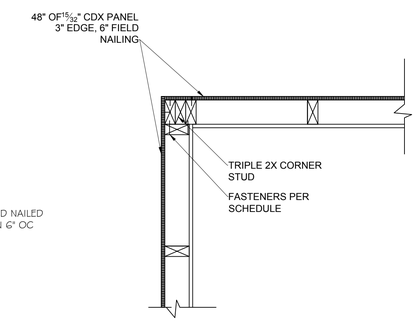


DOOR/WINDOW OPENING DETAIL
NT.S.





A S500 **SHEAR PANEL DETAILS**
SCALE: N.T.S



TYP. EXTERIOR CORNER DETAIL
N.T.S.

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208 RED LEAF BLVD.
MONCKS CORNER, SC 29461
(843)860-3293

REV.	DATE	DESCRIPTION	DES. ENG.

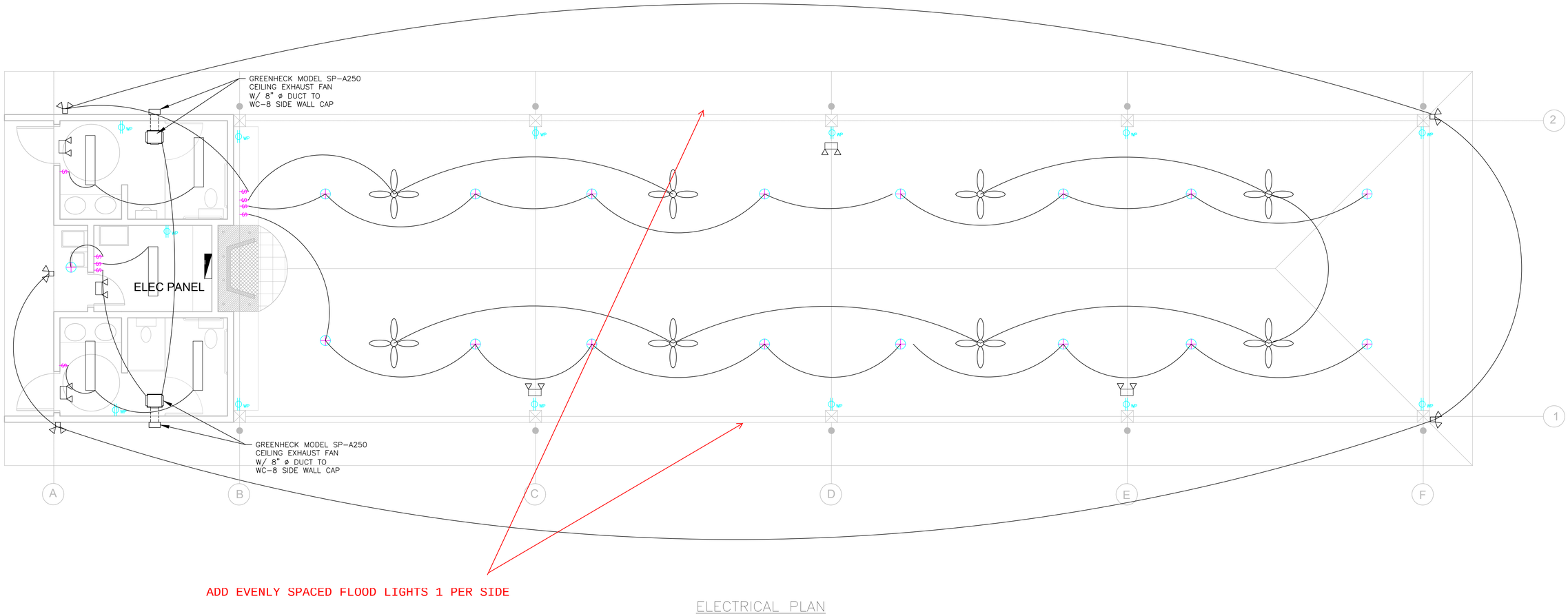
TOWN OF MONCKS CORNER – FARMER'S MARKET

STRUCTURAL DETAILS & SCHEDULES

DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE AS SHOWN
FILE CPR ENGINEERING SOLUTIONS LLC\PROJECTS\BALLENTINE BUILDERS\MC FARMERS MARKET.DWG

DWG. NO.
20160715–9

SHEET
S500



ADD EVENLY SPACED FLOOD LIGHTS 1 PER SIDE

ELECTRICAL PLAN
SCALE $\frac{1}{4}$"=1'

NOTE: ALL ELECTRICAL COMPONENTS TO BE GFCI PROTECTED

ELECTRICAL SYMBOL LEGEND

- WATERPROOF 120V EXTERIOR OUTLET FAULT CIRCUIT INTERUPTER
- SINGLE POLE SWITCH
- EXTERIOR LIGHT FIXTURE
- MIN. 54" EXTERIOR CEILING FAN
- 200 AMP MDP
- DOUBLE HEAD FLOOD LIGHT
- EMERGINCY LIGHT

ALL FIXTURES SELECTED BY OWNER

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REV.	DATE	DESCRIPTION	DES. ENG.
1	8/3	REV. PER MC COMMENTS	CPR

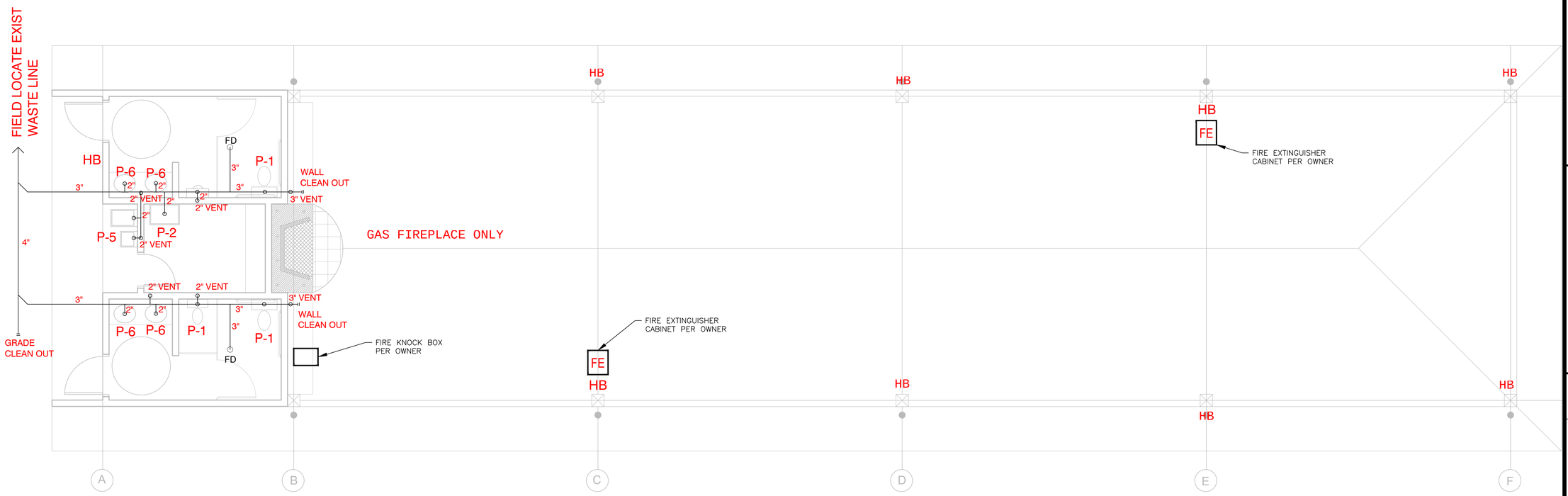
TOWN OF MONCKS CORNER – FARMER'S MARKET

ELECTRICAL PLAN

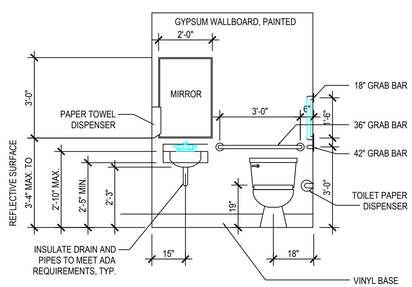
DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE AS SHOWN
FILE CPR ENGINEERING SOLUTIONS LLC\PROJECTS\BALLENTYNE BUILDERS\MC FARMERS MARKET.MDB

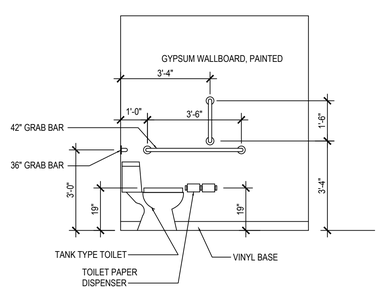
DWG. NO.
20160715–10

SHEET
E100



PLUMBING PLAN
SCALE $\frac{1}{4}$"=1'





1 / M100 Toilet Details / Mounting hts.
SCALE: 3/8" = 1'-0"

Plumbing Schedule and Notes

P-1	ADA WATER CLOSET
P-2	FIBERGLASS UTILITY SINK
P-3	36" X 36" FIBERGLASS SHOWER UNIT
P-4	ADA URINAL
P-5	ADA DRINKING FOUNTAIN
P-6	ADA LAVATORY
FD	3" FLOOR DRAIN
	BELOW GRADE WASTE LINES TO BE SCHEDULE 40 PVC
HB	TAMPLE RESISTANT HOSE BIB W/ 1/2 INSULATED PEX POTABLE WATER LINE

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1	8/3	REV. PER MC COMMENTS	CPR

TOWN OF MONCKS CORNER – FARMER'S MARKET

MECHANICAL AND PLUMBING PLAN

DESIGN SUPERVISOR CALEB P. RODGERS, P.E.
DES. ENG. CPR CHECKED CHECKER
DRAFTER CPR CHECKED CHECKER
DATE 07/15/2016 PROJ. NO. 20160715 SCALE AS SHOWN
FILE CPR ENGINEERING SOLUTIONS LLC/PROJECTS/BALLENTINE BUILDERS/MC FARMERS MARKET.DWG

DWG. NO. 20160715–11

SHEET M100