



**OPT. SIDELOAD**  
ELEVATION CLASSIC (SHOWN)



**ELEVATION - CLASSIC**

1) PLANS HAVE BEEN ISSUED TO MCKEE HOMES LLC, AS A BASE PLAN MASTER SET.  
 2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.  
 3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.



Scales UNO:  
 22X34: 1/4"=1'-0"  
 11X17: 1/8"=1'-0"

**OWNER / CONTRACTOR NOTES:**

- THE SEALING OF THIS PLAN FOR A LOT SPECIFIC ISSUE, AUTHORIZES THE CONSTRUCTION FROM THESE PLANS FOR ONE HOUSE ON ONE LOT FOR THE LOT SPECIFIC REFERENCED IN TITLEBLOCK. UNSEALED PLANS MUST NOT BE USED FOR CONSTRUCTION. CONSTRUCTION FROM THESE PLANS MUST BE FROM THE LATEST APPROVED DATE PLANS, INCLUDING REVISIONS AND ADDENDA.
- THE SEALING OF THIS PLAN FOR A MASTER PLAN SET ISSUE, AUTHORIZES THE CONSTRUCTION FROM THESE PLANS FOR MULTIPLE HOUSES ON MULTIPLE LOTS PER BUILDER WITH DESIGNERS' KNOWLEDGE OF CONSTRUCTION PER LOT. UNSEALED PLANS MUST NOT BE USED FOR CONSTRUCTION. CONSTRUCTION FROM THESE PLANS MUST BE FROM THE LATEST APPROVED DATE PLANS, INCLUDING REVISIONS AND ADDENDA.
- CONSTRUCTION DEVIATING FROM THESE PLANS WILL INVALIDATE THEIR PLANS REVIEW PERMITTED USE. THE DESIGNER MUST BE NOTIFIED IMMEDIATELY OF CONSTRUCTION DEVIATING FROM DEPICTED OR IMPLIED INFORMATION HEREIN. LETTER FROM THE DESIGNER MAY BE OBTAINED FOR A FEE TO VERIFY THE FEASIBILITY AND COMPLIABILITY OF ANY CHANGES. HOWEVER, THE OWNER/CONTRACTOR ASSUMES ALL RISK FROM DEVIATING FROM THESE PLANS.
- DO NOT SCALE DRAWINGS, BUT RATHER INQUIRE INFORMATION FROM DESIGNER. REPRODUCTION OF THESE DRAWINGS ARE PROHIBITED UNLESS GRANTED WRITTEN CONSENT FROM DESIGNER.
- THE OWNER AND/OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE FOLLOWING INFORMATION (NON-EXHAUSTIVE): BUILDING PERMITS, SITE ENGINEERING INCLUDING SURVEYING, TOPOGRAPHIC STUDIES, GEOTECHNICAL REPORTS, AND SEPTIC PERMITS; INTERIOR CASEWORK DESIGN; PLUMBING, MECHANICAL, AND ELECTRICAL DESIGN.

**BUILDING CODE NOTES**

THIS PLAN HAS BEEN DESIGNED UNDER THE 2018 NORTH CAROLINA RESIDENTIAL CODE.

- APPLICABLE CODES:  
 N.C. FIRE CODE, 2018  
 N.C. MECHANICAL CODE, 2018  
 N.C. PLUMBING CODE, 2018  
 N.C. ENERGY CODE, 2018  
 N.C. ELECTRICAL CODE, 2017  
 N.C. GAS CODE 2018

**BUILDING DATA:**

Construction Type: 1-B  
 Use Group: 3  
 Number of Stories: 2

Building Ridge Height: (Elevation A) +	(+/-) 30'-4"
Building Ridge Height: (Elevation B) +	(+/-) 30'-4"
Building Ridge Height: (Elevation C) +	(N/A)
Building Ridge Height: (Elevation D) +	(+/-) 30'-4"
Building Ridge Height: (Elevation E) +	(+/-) 30'-4"
Mean Roof Height: (Elevation A) +	(+/-) 24'-9"
Mean Roof Height: (Elevation B) +	(+/-) 24'-9"
Mean Roof Height: (Elevation C) +	(N/A)
Mean Roof Height: (Elevation D) +	(+/-) 24'-9"
Mean Roof Height: (Elevation E) +	(+/-) 24'-9"

NOTE: HEIGHTS LISTED ABOVE ARE BASED ON MONO SLAB GRADE LINES PROVIDED ON EXTERIOR ELEVATIONS SHEETS. BUILDER / INSPECTORS OFFICIAL TO VERIFY FINAL GRADE HEIGHT IN FIELD AS REQUIRED.

**CONSTRUCTION NOTES:**

- THE FOLLOWING IS A NON-EXHAUSTIVE LIST OF SOME COMMONLY MISSED CODE REQUIREMENTS AND ARE ENFORCEABLE IN THE CONSTRUCTION FROM THESE PLANS. SEE THE N.C. RESIDENTIAL CODE BOOK FOR MORE INFO.
- (R308.4) ALL GLAZING WITHIN 24" OF EITHER SIDE OF A DOOR IN A CLOSED POSITION, AND ON THE SAME WALL PLANE SHALL BE TEMPERED. ALL WINDOWS THAT MEET ALL OF THE FOLLOWING CONDITIONS SHALL BE TEMPERED: A) INDIVIDUAL PANE OF MIN. 9 SF, B) BOTTOM EDGE IS WITHIN 18" OF FLOOR, C) TOP EDGE IS AT LEAST 36" ABOVE FLOOR, AND D) GLAZING IS WITHIN 36" HORIZ. OF WALKING SURFACE. TEMPERED GLAZING IS ALSO REQUIRED WITHIN 60" OF HOT TUBS OR STAIR LEADING AND FINISH EDGES. TEMPERED WINDOWS ALSO REQUIRED PER REMAINDER OF THIS CODE SECTION.
  - (R310.1) ALL SLEEPING ROOMS AND BASEMENTS WITH HABITABLE SPACE SHALL HAVE AT LEAST ONE EGRESS WINDOW CONFORMING TO THE FOLLOWING: A) MIN. 4.0 SF CLEAR OPENING; B) MIN. TOTAL GLASS AREA OF 5.0 SQ (GROUND FLOOR WINDOW) AND 5.1 SF (UPPER STORY WINDOW); IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE PROPER CONFORMING WINDOW AND HAVE EGRESS WINDOWS PROPERLY DISTRIBUTED AND INSTALLED AS REQUIRED.
  - (R312) ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS DOOR SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE.
  - (R311.5) MAXIMUM STAIR RISE HEIGHT SHALL BE 8-1/4", AND MINIMUM TREAD SHALL BE 9".
  - (R314.3) SMOKE ALARMS SHALL BE INSTALLED AND INTERCONNECTED, WITH BATTERY BACK-UP IN THE FOLLOWING AREAS: EACH SLEEPING ROOM IN THE AREA (HALLWAY) RIGHT OUTSIDE THE SLEEPING ROOMS; AND EACH STORY. THE ONE OUTSIDE THE SLEEPING ROOMS WILL SATISFY THAT STORY.
  - (R402.12) ALL LUMBER SHALL BE PRESURE TREATED AND DRIED AFTER TREATMENT IN ACCORDANCE WITH AWWA U1 AND SHALL BEAR THE LABEL OF AN ACCREDITED AGENCY.
  - (R408.1) INSTALL ONE FOUNDATION VENT WITHIN 3' OF EACH CORNER (NOT ONE EACH SIDE OF EACH CORNER).
  - (R109.4) FLASH ALL VALLEYS AND WALL/ROOF INTERSECTIONS, AND CHIMNEY AND OTHER ROOF PENETRATIONS. USE ICE AND WATER SHIELD ON ALL ROOFS LESS THAN 4:12 SLOPE. FLASHING TO BE NON-CORROSIVE.
  - (R801.1) BUILDER TO LOCATE 22"x30" ATTIC ACCESS IN ALL ATTICS WITHOUT STAIR ACCESS. LOCATE ACCESS TO PROVIDE A 30" CLEAR SPACE ABOVE ACCESS DOOR-TYP.
  - (R100.1) MASONRY FIREPLACE WALLS TO BE MIN. 8" THICK AND MIN. 2" TO FRAMING. FOURED HEARTH TO HAVE MIN. 4#12 O.C. EACH WAY. HEARTHS TO BE MIN. 20" FROM FIREBOX AND HAVE MIN. 12" WIDER THAN FIREBOX ON EACH SIDE.
  - (R403.1.6) ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 1" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6" OC. AND WITHIN 2' OF THE CORNER.
  - (R315) INSTALL APPROVED CARBON MONOXIDE ALARM OUTSIDE EACH BEDROOM AND IN IMMEDIATE VICINITY OF EACH SEPARATE SLEEPING AREA.
  - ALL WINDOWS SHALL BE LABELED TO CONFORM WITH AAWANWU4 101.8.2 BUILDER TO VERIFY MIN. DP CLASSIFICATION FOR ALL WINDOWS BASED ON LOCATION. SINGLE HOMES ARE BUILT BASED ON REQUIREMENTS FOR THAT WIND ZONE AREA.
  - IF CRAWL SPACE FOUNDATION OPTION IS USED BUILDER TO LOCATE ACCESS PER CURRENT CODE REQ. WITH 36"x24" (MIN) CLEAR OPENING IF NO HVAC LOCATED IN CRAWL OR 36"x36" (MIN) WITH HVAC LOCATED IN CRAWL SPACE AREA.

**CLIMATIC AND GEOGRAPHIC NOTES:**

TABLE N10212 (R402.12)							
CLIMATE ZONE	FENESTRATION U-FACTOR	FENEST. SHGC	CEILING R-VALUE	FRAME WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE
3	0.35	0.30	38 OR 30 CONT.	15, 13-2.5	15	5/13	0
4	0.35	0.30	38 OR 30 CONT.	15, 13-2.5	15	10/15	10
5	0.35	NR	38 OR 30 CONT.	OR 15-3	30	10/15	10

**STRUCTURAL DESIGN FIRM DATA:**

FIRM NAME		TELEPHONE NUMBER	
Structural Designer	Engineering Tech Associates	919-844-1661	
	ENGINEER NAME		LICENSE NUMBER
	..		C-3810

NOTE: PLANS ARE TO BE COORDINATED WITH STRUCTURAL DESIGNS AND TRUSS PLANS BY BUILDER. THE COORDINATION AND/OR VERIFICATION OF ANY STRUCTURAL MEMBERS, TRUSS PLANS AND/OR INFORMATION FROM OTHERS IS NOT THE RESPONSIBILITY OF PLAN DESIGNER. IF ANY DISCREPANCIES WITH FLOOR PLANS, ELEVATIONS OR DETAILS ARE DISCOVERED THE BUILDER SHALL NOTIFY PLANWOKX PRIOR TO SUBMITTING PLANS FOR PERMIT OR BEFORE CONSTRUCTION BEGINS TO ADJUST PLANS AS NEEDED TO MEET NEEDS.

**PROJECT SQUARE FOOTAGES**

Daniels - Classic	
Heated Square Footage	
First Floor Htd.	128
Second Floor Htd.	1263
TOTAL	1391
Unheated Square Footage	
Covered Porch - Front	134
Garage - Two Car	410
Patio - Rear	26

**OPT. CRAWL SPACE VENTILATION INFO:**

Crawlspace Vent Calculations - Daniels - Classic		
A	Crawl Space Area	728
B	Ventilable Area Required by Code (without vapor barrier)	4.85
C	Ventilable Area Required by Code (with vapor barrier)	0.5
D	Number of vents required (without vapor barrier)	11.0
E	Number of vents required (with vapor barrier). (See notes)	2.0

Formulas:  
 B = A / 150  
 C = A / 1500  
 D = B / 0.47 (sqft of net venting area per vent)  
 E = C / 0.47 (sqft of net venting area per vent)

Notes:  
 1. Builder must adjust ventilation calculations if using vents with a net area that is different than 0.47 sqft per vent.  
 2. One foundation vent must be placed within 3 feet of each major corner in the building.  
 3. Foundation vents must be placed to allow for cross ventilation.

NOTE: BUILDER TO SIZE AND LOCATE FOUNDATION VENTS IS USED PER THE 2018 N.C. RESIDENTIAL BUILDING CODE BASED ON SITE CONDITIONS.  
**OR OPT. CLOSED CRAWL SPACE**

NOT APPLICABLE ON THIS ARCHITECTURAL BASE MASTER PLAN SET - SEE STRUCTURAL FILES

NOTE: IF SEALED CRAWL SPACE SYSTEM IS USED AREA MUST BE CONSTRUCTED PER THE 2018 N.C. RESIDENTIAL BUILDING CODE.

**ROOF VENTILATION INFO:**

Roof Ventilation - Daniels - Classic		
A	Ceiling area (square footage)	1,273
B	Sqft. of ventilation required	8.5

Formulas: B = A / 150  
 Notes:  
 Builder to calculate quantities and types of vents to make up the minimum requirement. Attic ventilation shall be approximately 50% soffit, and 50% high (gable end or ridge vents).

**INDEX OF DRAWINGS:**

SHEET	SHEET NAME - Daniels - Master Plan
CS-1	Cover Sheet
A-1-0	Exterior Elevations - Front & Left - Classic
A-2-0	Exterior Elevations - Rear & Right - Classic
A-3-0	Wall Section Details
A-4-0	First Floor Plan
A-5-0	Second Floor Plan
AE-1-0	First and Second Floor Lighting
O-1-1	Opt Covered Patio - Elevs-Floors-Lights
OA-1-0	Opt. Flush Porch - Elevs-Floors-Lights
OB-1-0	Exterior Elevations - Coastal
OB-2-0	Wall Section Details
OB-3-0	Floors and Lighting
OB-8-0	Opt. Sideload Garage - Elevs-Floors-Lights
OD-1-0	Exterior Elevations - Craftsman
OD-2-0	Wall Section Details
OD-3-0	Floors and Lighting
OD-8-0	Opt. Sideload Garage - Elevs-Floors-Lights
OD-9-0	Opt. Flush Porch - Elevs-Floors-Lights
OE-1-0	Exterior Elevations - Euro
OE-2-0	Wall Section Details
OE-3-0	Floors and Lighting
OE-8-0	Opt. Sideload Garage - Elevs-Floors-Lights
AD-1	Standard Details
AD-2	Standard Details
Sheet	See Structural Plans (Done by Others)

GENERAL NOTES:  
 1. THESE PLANS AND OPTIONS ARE TO BE COORDINATED WITH ALL OTHER INFORMATION BY OWNER AND CONTRACTOR AND PER LOCAL CODES.  
 2. CONTRACTOR IS TO VERIFY ALL APPLICABLE PERMITS, FEES, AND REQUIREMENTS FROM LOCAL JURISDICTIONS.  
 3. THESE NOTES ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL INFORMATION FROM THE INFORMATION PROVIDED.

PROGRESS DATE: --  
 ISSUE DATE: 07/12/13  
 DRAWN BY: B. Bates  
 CHECKED BY: B. Bates

REVISIONS:

DATE	BY	DESCRPT.
10-12-18	BB	Master Plan Set (Archs)
11-15-18	BB	Master Bath & Kitchen Lighting
4-28-17	BB	Master Plan Set - Archs
3-4-18	BB	2018 Codes - Plan mods

Cover Sheet  
 SHEET NO. **CS-1-0**  
 PLAN NO. **017110**

**REQUIRED FLASHING LOCATIONS**

- 1) ALL MATERIAL CHANGE INTERSECTIONS.
- 2) ALL WINDOW / DOOR OPENINGS.
- 3) ALL ROOF VALLEYS.

BUILDER TO VERIFY ON SITE FLASHING IS INSTALLED TO MEET CODE REQUIREMENTS.

**GENERAL NOTES**

\* USE ICE AND WATER SHIELD AT ALL ROOF PLANES SLOPED BELOW 4:12.

SEE FLOOR PLANS, ROOF PLAN, AND/OR ROOF FRAMING DETAIL SHEET FOR PLATE HEIGHTS AT RAFTER AND/OR TRUSS BEARING LOCATIONS.

SEE ROOF PLANS FOR ATTIC VENTILATION CALCULATIONS.

SEE SHEET D-2 FOR FLASHING DETAILS AND REQUIRED LOCATIONS.

**ARCHITECTURAL PLANS EXTERIOR MATERIALS**

- SHINGLE ROOF PER BUILDER
- HORIZONTAL SIDING PER BUILDER
- SHAKE SIDING PER BUILDER
- STUCCO PER BUILDER

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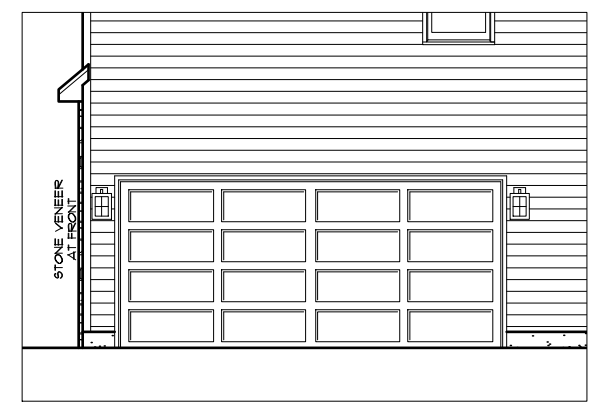
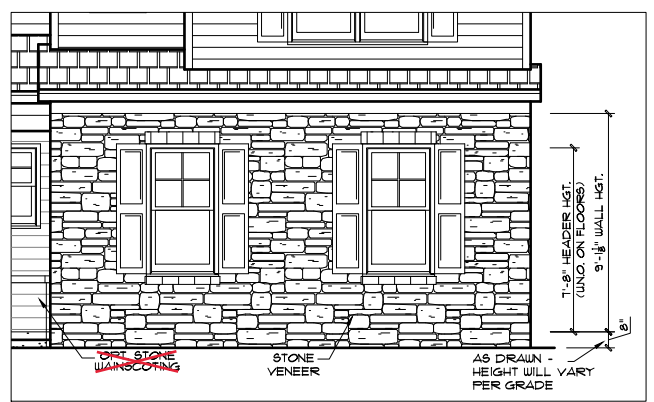


Sideloading Garage  
See Details Below



Covered Porch  
See Pg. O-1-0

No stone return



GENERAL NOTES:  
1. THESE SHEETS SHALL BE USED IN CONJUNCTION WITH ALL OTHER INFORMATION PROVIDED BY OWNER AND CONTRACTOR, AND PER LOCAL CODES.  
2. CONTRACTOR IS TO NOTIFY ARCHITECT IMMEDIATELY OF ANY CONDITIONS OR ITEMS VARYING FROM DESIGNED INFORMATION.  
3. USER WORKER IS RESPONSIBLE FOR CONTRIBUTING VARIATIONS FROM THE INFORMATION PROVIDED.

McKee Homes, LLC  
Daniels - Base - Classic  
Base Plan - Elev. A (RHG)  
Architectural Set (3-4-19)

PROGRESS DATE:	---	
ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS		
DATE:	BY:	DESCRIP.
10-12-18	BB	Master Plan Set - Archs
11-15-18	BB	Master Bath & Kitchen Lighting
4-28-17	BB	Master Plan Set - Archs
3-4-19	BB	2018 Codes - Plan mods

GENERAL NOTES:  
1. USER SHALL ASSUME ANY AND ALL LIABILITY FOR ERRORS ASSOCIATED WITH ERRORS AND OMISSIONS ON THESE DRAWINGS HERE.  
2. USER SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS, EXISTING CONDITIONS AND COSTS ASSOCIATED WITH THESE PLANS.  
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McKee Homes, LLC  
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Base Plan - Elev. A (RHG)  
Architectural Set (3-4-19)

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ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS		
DATE	BY	DESCRPT.
10-12-16	EB	Master Plan Set - Archa
11-15-16	EB	Master Bath & Kitchen Lighting
4-28-17	EB	Master Plan Set - Archa
3-4-19	EB	2018 Codes - Plan mods

Exterior Elevations -  
Rear & Right

SHEET NO.  
**A-2-0**

PLAN NO.  
**017110**

**REQUIRED FLASHING LOCATIONS**

- 1) ALL MATERIAL CHANGE INTERSECTIONS.
- 2) ALL WINDOW / DOOR OPENINGS.
- 3) ALL ROOF VALLEYS.

BUILDER TO VERIFY ON SITE FLASHING IS INSTALLED TO MEET CODE REQUIREMENTS.

**GENERAL NOTES**

\* USE ICE AND WATER SHIELD AT ALL ROOF PLANES SLOPED BELOW 4:12.

SEE FLOOR PLANS, ROOF PLAN, AND/OR ROOF FRAMING DETAIL SHEET FOR PLATE HEIGHTS AT RAFTER AND/OR TRUSS BEARING LOCATIONS.

SEE ROOF PLANS FOR ATTIC VENTILATION CALCULATIONS.

SEE SHEET D-2 FOR FLASHING DETAILS AND REQUIRED LOCATIONS.

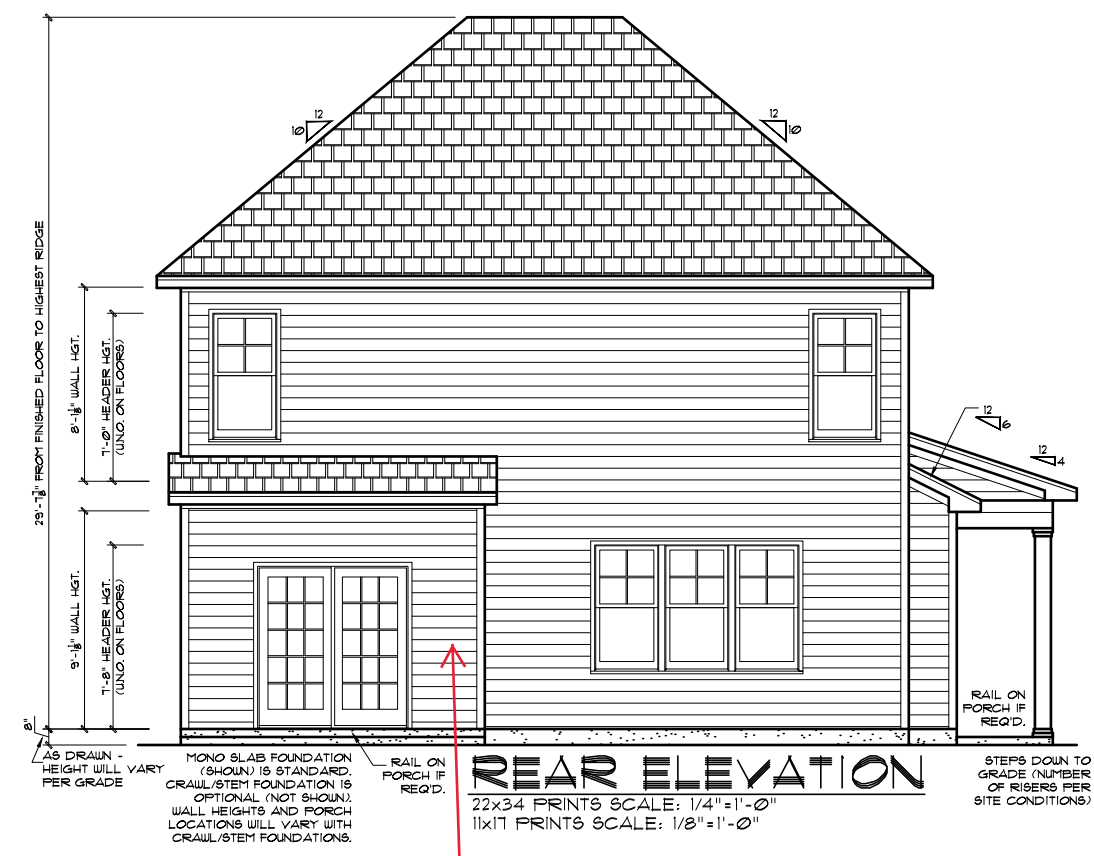
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Covered Porch  
See Pg. O-1-0



Covered Porch  
See Pg. O-1-0

Sideloading Garage  
See Pg. A-1-0

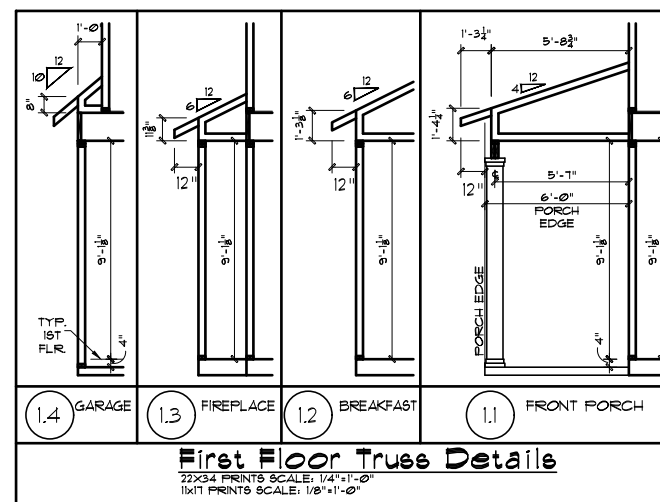
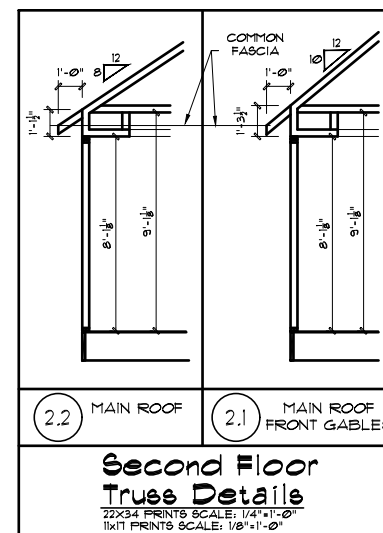
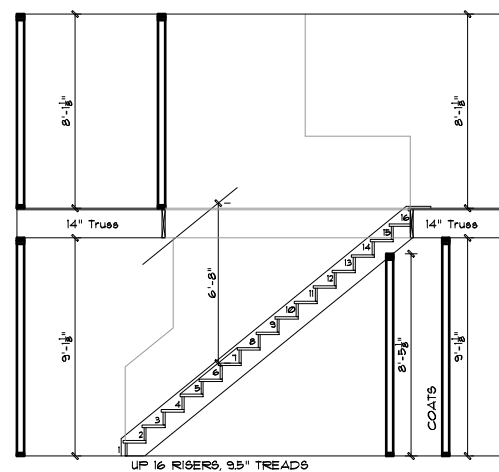
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\*\*NOTE: DETAILS PROVIDED ARE FOR PLATE DETAILS ONLY.  
 - REFER TO STRUCTURAL SHEETS TO CONFIRM FLOOR MEMBER SIZE & DIRECTIONS, RAFTER SIZE & DIRECTIONS, AND ROOF OVERHANGS.  
 - REFER TO TRUSS DOCUMENTS PROVIDED BY TRUSS COMPANY FOR TRUSS INFORMATION.



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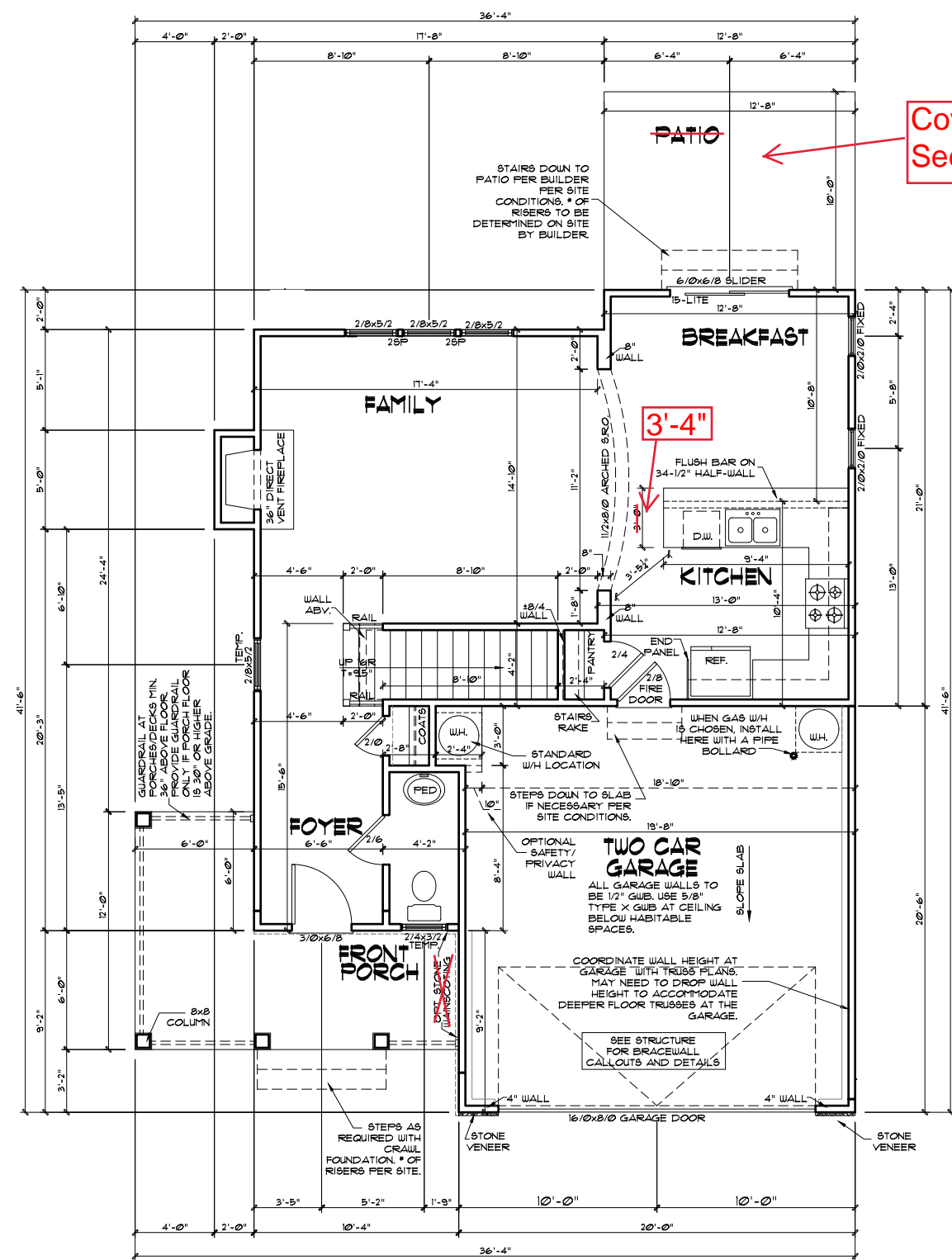


Scales UNO:  
 22X34: 1/4"=1'-0"  
 11X17: 1/8"=1'-0"

McKee Homes, LLC  
 Daniels - Base - Classic  
 Base Plan - Elev. A (RHG)  
 Architectural Set (3-4-19)

PROGRESS DATE:	--	
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10-12-18	EB	Master Plan Set (Archs)
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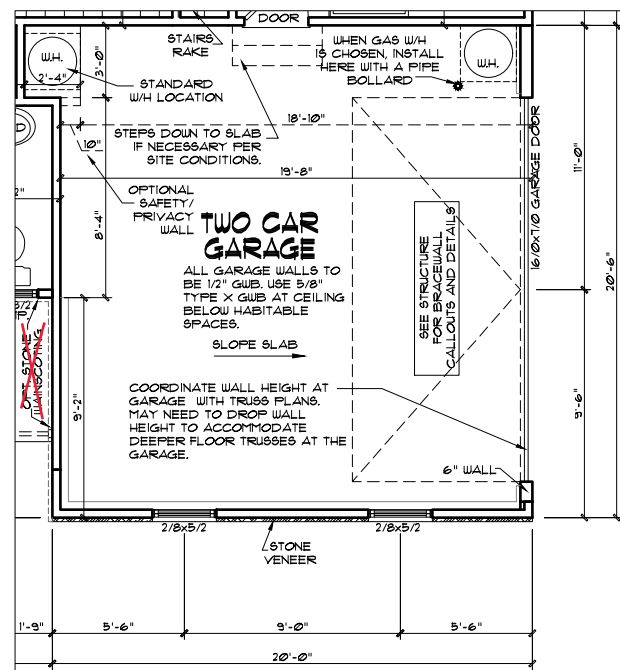
Wall Section Details  
 Truss Details  
 SHEET NO.  
**A-3-0**  
 PLAN NO.  
**017110**



Covered Porch  
See Pg. O-1-0

3'-4"

Sideload Garage  
See Detail to Right



**SIDELOAD GARAGE  
FLOOR PLAN - OPT.**  
22x34 PRINTS SCALE: 1/4"=1'-0"  
11x17 PRINTS SCALE: 1/8"=1'-0"

**GENERAL NOTES**

**WALL THICKNESS / ANGLES**  
ALL EXTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ALL INTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ANGLED WALLS ARE DRAWN @ 45° UNO.

**EGRESS**  
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO EGRESS REQUIREMENTS FOR CLEAR OPENING HEIGHT AND WIDTH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EGRESS SIZING PER CODE BASED ON CHOSEN MANUFACTURER, AS PRODUCT SIZES MAY VARY.

**WALL/CEILING HEIGHTS**  
WALL AND CEILING HEIGHTS NOTES ARE BASED ON NOMINAL WALL SIZE (IE. A 9'-1 1/8" ACTUAL WALL HEIGHT IS LABELED 9/0 ON THE PLANS.)  
ALL VAULTED OR SLOPED CEILINGS ARE TO BE FURRED DOWN TO ACCOMMODATE REQUIRED CEILING INSULATION AND 1" AIRSPACE. VERIFY CODES FOR INFORMATION ON INSULATION REQUIREMENTS.

**STAIRS**  
STAIR TREADS ARE MEASURED FROM NOSING TO NOSING (NN).  
MAXIMUM STAIR RISE HEIGHT TO BE NO GREATER THAN 8-1/4"

**ARCHITECTURAL PLANS WALL LEGEND**

	STANDARD STUD WALL INT OR EXT IF EXT SEE ELEVATIONS FOR SIDING STYLE THICKNESS OF WALL NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH 5" BRICK VENEER FOUNDATION WALL LEDGE STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH STACKED STONE VENEER STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS (NOTE: BUILDER TO VERIFY STONE THICKNESS & NOTIFY PLAN DESIGNER IF THICKNESS IS MORE THAN 5" BEFORE FOOTINGS ARE POURED)
	STANDARD STUD WALL WITH APPLIED STONE VENEER STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS (NOTE: NO FOUNDATION SUPPORT IS REPRESENTED ON STRUCTURAL PLANS) IF STACKED STONE IS TO BE USED BUILDER MUST NOTIFY PLAN DESIGNER BEFORE FOOTINGS ARE POURED
	STANDARD STUD WALL WITH LOW APPLIED STONE WAINSCOTING. SEE ELEVATIONS FOR HEIGHT & FINISH MATERIAL AT EXT STUD WALL ABOVE. STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH 5" FOUNDATION LEDGE FOR LOW BRICK OR STACKED STONE WAINSCOTING. SEE ELEVATIONS FOR HEIGHT & FINISH MATERIAL AT EXT STUD WALL ABOVE. STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	HALF WALL WITH 1x CAP (42" HEIGHT UNLESS NOTED OTHERWISE ON PLANS)

**CLASSIC  
FIRST FLOOR PLAN**

22x34 PRINTS SCALE: 1/4"=1'-0"  
11x17 PRINTS SCALE: 1/8"=1'-0"

**EXTERIOR DOORS/WINDOWS (DP RATING)**

- ALL EXTERIOR DOORS TO BE DP41 WHEN BUILT IN HIGH WIND ZONE.  
- ALL EXTERIOR WINDOWS TO BE DP50 WHEN BUILT IN HIGH WIND ZONE.

<b>Daniels - Classic</b>	
<b>Heated Square Footage</b>	
First Floor Htd.	728
Second Floor Htd.	1,063
TOTAL	1,791
<b>Unheated Square Footage</b>	
Covered Porch - Front	134
Garage - Two Car	410
Patio - Rear	126

1) PLANS HAVE BEEN ISSUED TO MCKEE HOMES LLC. AS A BASE PLAN MASTER SET.

2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.

3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.

**WINDOW FALL PREVENTION PROTECTION**

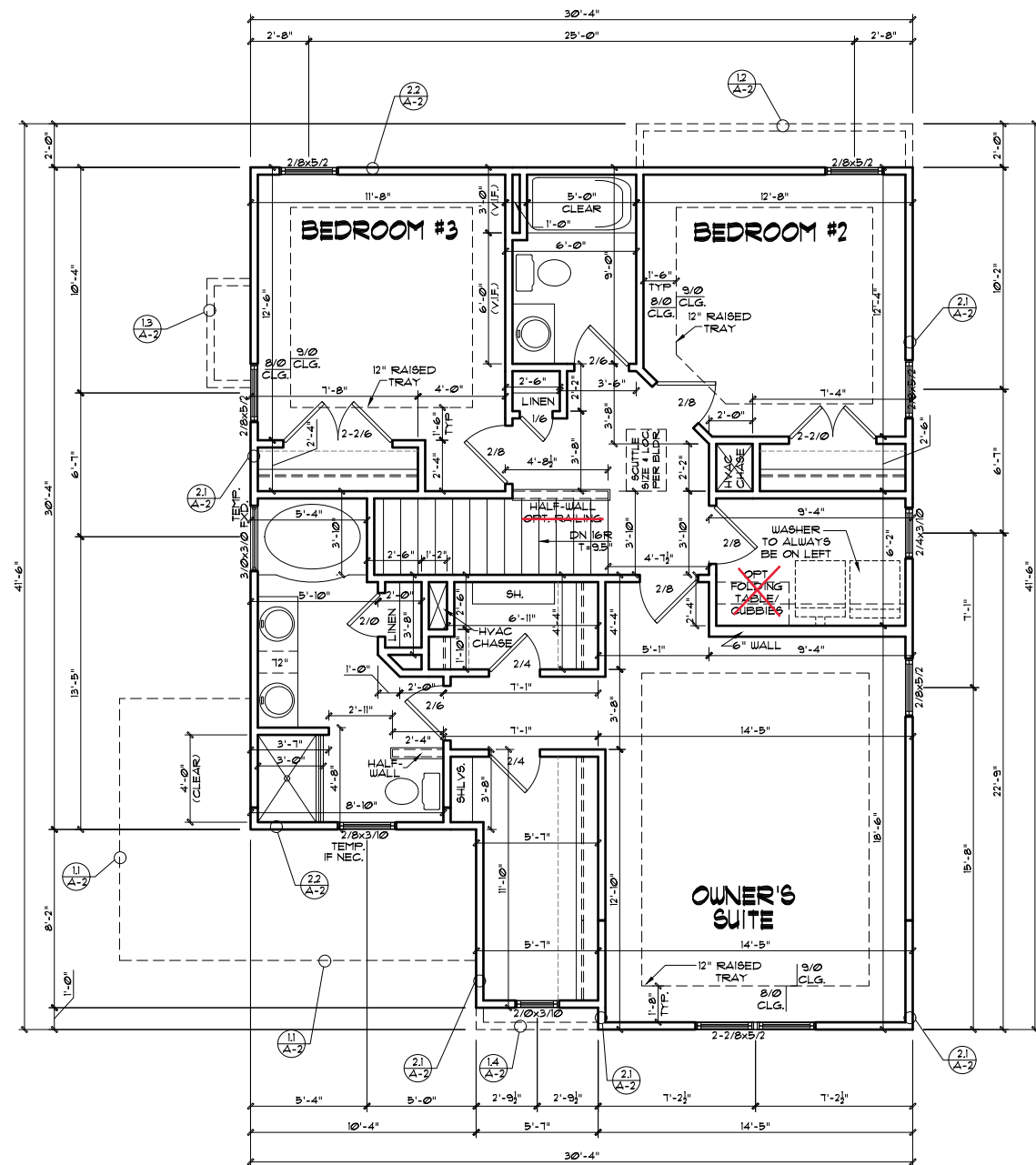
IF ANY PART OF THE CLEAR OPENING OF THE OPERABLE PORTION OF A WINDOW IS LOCATED MORE THAN 12" ABOVE THE EXTERIOR GRADE THEN THE LOWEST PART OF THE CLEAR OPENING MUST BE AT LEAST 24" ABOVE THE FLOOR OF THE ROOM IN WHICH IT IS LOCATED.

**EXCEPTIONS:**

1. THE WINDOW IS A FIXED UNIT.
2. THE OPENING DOES NOT ALLOW THE PASSAGE OF A 4- INCH DIAMETER SPHERE.
3. THE WINDOW IS EQUIPPED WITH A WINDOW FALL PREVENTION DEVICE MEETING ASTM F2090.
4. THE WINDOW IS EQUIPPED WITH AN APPROVED WINDOW OPENING LIMITING DEVICE.

NOTE: WHEN USED WITH AN EMERGENCY ESCAPE AND RESCUE WINDOW OPENING LIMITING DEVICES AND FALL PREVENTION DEVICES MUST BE APPROVED FOR EMERGENCY ESCAPE AND RESCUE PROVISIONS.

Covered Porch  
See Pg. O-1-0



Sideloading Garage

**GENERAL NOTES**

**WALL THICKNESS / ANGLES**  
ALL EXTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ALL INTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ANGLED WALLS ARE DRAWN @ 45° UNO.

**EGRESS**  
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO EGRESS REQUIREMENTS FOR CLEAR OPENING HEIGHT AND WIDTH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EGRESS SIZING PER CODE BASED ON CHOSEN MANUFACTURER, AS PRODUCT SIZES MAY VARY.

**WALL/CEILING HEIGHTS**  
WALL AND CEILING HEIGHTS NOTES ARE BASED ON NOMINAL WALL SIZE (IE. A 9'-1 1/8" ACTUAL WALL HEIGHT IS LABELED 9/0 ON THE PLANS).

ALL VAULTED OR SLOPED CEILING ARE TO BE FURRED DOWN TO ACCOMMODATE REQUIRED CEILING INSULATION AND 1" AIRSPACE. VERIFY CODES FOR INFORMATION ON INSULATION REQUIREMENTS.

**STAIRS**  
STAIR TREADS ARE MEASURED FROM NOSING TO NOSING (NN).  
MAXIMUM STAIR RISE HEIGHT TO BE NO GREATER THAN 8-1/4"

**ARCHITECTURAL PLANS WALL LEGEND**

	STANDARD STUD WALL INT OR EXT IF EXT SEE ELEVATIONS FOR SIDING STYLE THICKNESS OF WALL NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH 5" BRICK VENEER FOUNDATION WALL LEDGE STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH STACKED STONE VENEER STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS (NOTE: BUILDER TO VERIFY STONE THICKNESS & NOTIFY PLAN DESIGNER IF THICKNESS IS MORE THAN 5" BEFORE FOOTINGS ARE POURED)
	STANDARD STUD WALL WITH APPLIED STONE VENEER STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS (NOTE: NO FOUNDATION SUPPORT IS REPRESENTED ON STRUCTURAL PLANS) IF STACKED STONE IS TO BE USED BUILDER MUST NOTIFY PLAN DESIGNER BEFORE FOOTINGS ARE POURED
	STANDARD STUD WALL WITH LOW APPLIED STONE WAINSCOTING. SEE ELEVATIONS FOR HEIGHT & FINISH MATERIAL AT EXT STUD WALL ABOVE. STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	STANDARD STUD WALL WITH 5" FOUNDATION LEDGE FOR LOU BRICK OR STACKED STONE WAINSCOTING. SEE ELEVATIONS FOR HEIGHT & FINISH MATERIAL AT EXT STUD WALL ABOVE. STUD THICKNESS AS NOTED IN PLAN NOTES OR AT WALL LOCATIONS
	HALF WALL WITH 1x CAP (42" HEIGHT UNLESS NOTED OTHERWISE ON PLANS)

**CLASSIC SECOND FLOOR PLAN**  
22x34 PRINTS SCALE: 1/4"=1'-0"  
11x17 PRINTS SCALE: 1/8"=1'-0"

**EXTERIOR DOORS/WINDOWS (DP RATING)**  
- ALL EXTERIOR DOORS TO BE DP41 WHEN BUILT IN HIGH WIND ZONE.  
- ALL EXTERIOR WINDOWS TO BE DP60 WHEN BUILT IN HIGH WIND ZONE.

1) PLANS HAVE BEEN ISSUED TO MCKEE HOMES LLC, AS A BASE PLAN MASTER SET.  
2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.  
3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.

**WINDOW FALL PREVENTION PROTECTION**  
IF ANY PART OF THE CLEAR OPENING OF THE OPERABLE PORTION OF A WINDOW IS LOCATED MORE THAN 12" ABOVE THE EXTERIOR GRADE THEN THE LOWEST PART OF THE CLEAR OPENING MUST BE AT LEAST 24" ABOVE THE FLOOR OF THE ROOM IN WHICH IT IS LOCATED.

**EXCEPTIONS:**  
1. THE WINDOW IS A FIXED UNIT.  
2. THE OPENING DOES NOT ALLOW THE PASSAGE OF A 4- INCH DIAMETER SPHERE.  
3. THE WINDOW IS EQUIPPED WITH A WINDOW FALL PREVENTION DEVICE MEETING ASTM F2090.  
4. THE WINDOW IS EQUIPPED WITH AN APPROVED WINDOW OPENING LIMITING DEVICE.

NOTE: WHEN USED WITH AN EMERGENCY ESCAPE AND RESCUE WINDOW OPENING LIMITING DEVICES AND FALL PREVENTION DEVICES MUST BE APPROVED FOR EMERGENCY ESCAPE AND RESCUE PROVISIONS.

GENERAL NOTES: 1. THESE PLANS SHALL BE USED IN ACCORDANCE WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS AND ALL APPLICABLE CODES. 2. CONTRACTOR IS TO NOTIFY ARCHITECT IMMEDIATELY OF ANY CONDITIONS OR ITEMS VARYING FROM DESIGNED INFORMATION. 3. MAKE WORK IS RESPONSIBLE FOR CORRECTING VARIATIONS FROM THE INFORMATION PROVIDED. 4. MCKEE HOMES WILL ASSUME ANY AND ALL LIABILITY FOR ERRORS ASSOCIATED WITH ERRORS AND OMISSIONS ON THESE DRAWINGS HEREIN. 5. THESE PLANS ARE FOR ESTIMATING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION.

**McKee Homes, LLC**  
Daniels - Base - Classic  
Base Plan - Elev. A (RHG)  
Architectural Set (3-4-19)

PROGRESS DATE:	--
ISSUE DATE:	07/12/13
DRAWN BY:	B. Bates
CHECKED BY:	B. Bates

DATE	BY	DESCRPT.
10-12-18	EB	Master Plan Set - (Archs)
11-15-18	EB	Master Bath & Kitchen Lighting
4-28-17	EB	Master Plan Set - Archs
3-4-19	EB	2018 Codes - Plan mods

SHEET NO. **A-5-0**  
PLAN NO. **017110**

# ELECTRICAL SYMBOLS LEGEND

	WALL MOUNTED FIXTURE		DUPLEX OUTLET		SINGLE POLE SWITCH
	CEILING FIXTURE		SWITCHED OUTLET		3-WAY SWITCH
	HANGING FIXTURE		GROUND FAULT CIRCUIT-INTERRUPTER		4-WAY SWITCH
	FULL CHAIN FIXTURE		WATER PROOF OUTLET		DIMMER SWITCH
	RECESSED LIGHT		220 VOLT OUTLET		BATH FAN
	EYE BALL		FLOOR OUTLET		CEILING FAN
	FLOOD LIGHT		GARAGE DOOR OPENER		SMOKE DETECTOR
	KEYLESS FIXTURE		PHONE		FAN
	24x48 FLUORESCENT FIXTURE		CABLE TV		LIGHT / FAN COMBO
	12x48 FLUORESCENT FIXTURE		GARBAGE DISPOSAL		WATER SHUTOFF
	FLUORESCENT STRIP FIXTURE		JUNCTION BOX		
			COMPUTER DATA OUTLET		

**ELECTRICAL:**

- 1) ALL ELECTRICAL DESIGN AND INSTALLATION IS TO CONFORM TO THE NATIONAL ELECTRICAL CODE, LATEST EDITION. ALL EQUIPMENT SHALL BE UL-LABELED.
- 2) ALL SWITCHES TO BE MOUNTED 3'-10" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
- 3) INSTALL CONVENIENCE OUTLETS AT 18" ABOVE FINISHED FLOOR. MAXIMUM SPACING 12'-0" O.C. INSTALL AT ALL WALLS OF 24" OR GREATER WIDTH.
- 4) UL SMOKE DETECTORS SHALL BE LOCATED IN ALL BEDROOMS, AND ONE EACH ADDITIONALLY AT EACH LEVEL. OTHER LOCATIONS SHOWN ON DRAWINGS. HARDWIRE ALL DETECTORS TOGETHER, AND PROVIDE BATTERY BACK-UP.
- 5) INSTALL GROUND FAULT RECEPTACLES IN BATHROOMS, KITCHENS, AND OTHER NET LOCATIONS AS REQUIRED BY N.E.C. 210-8.

**ELECTRICAL NOTES**

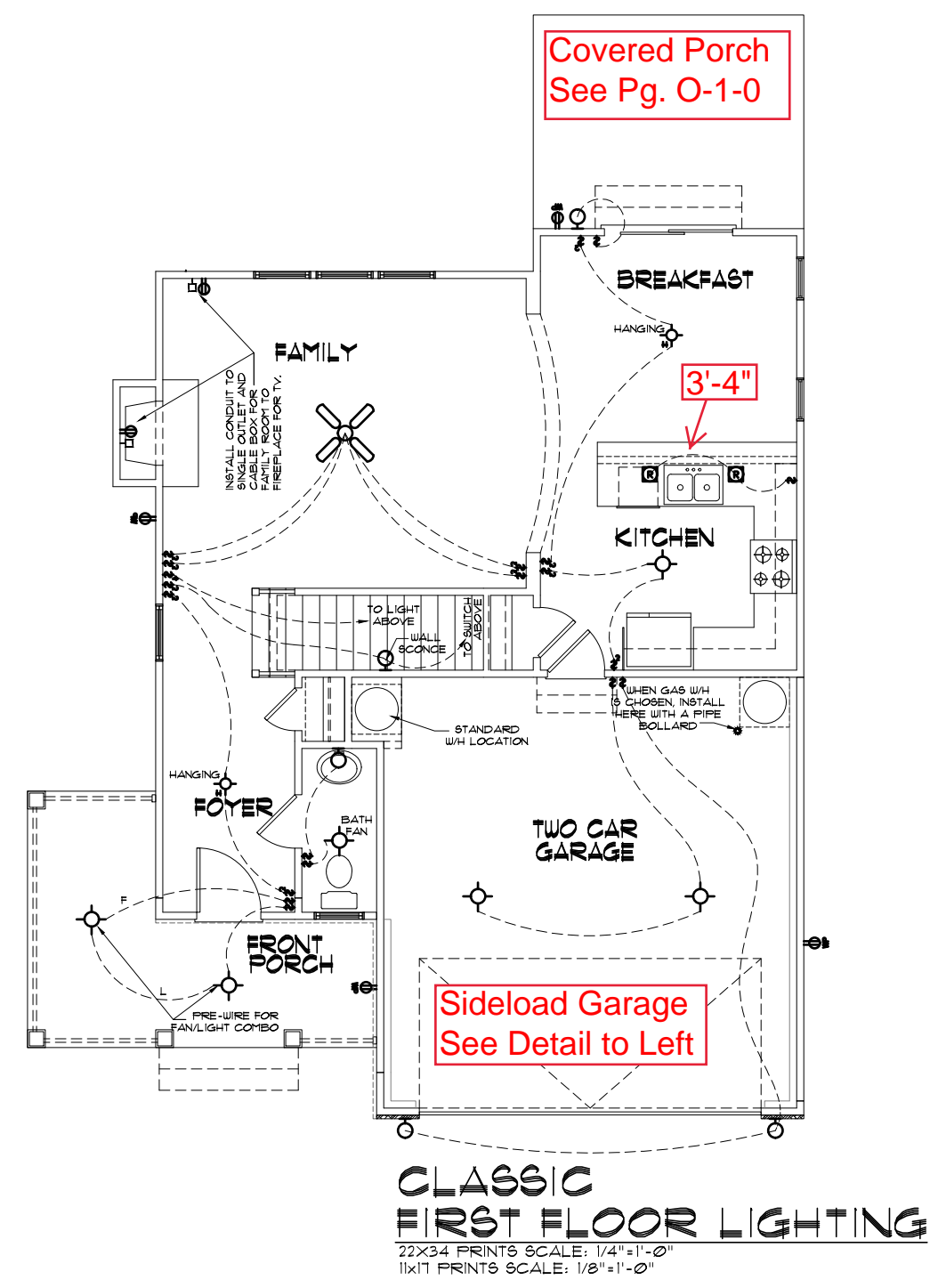
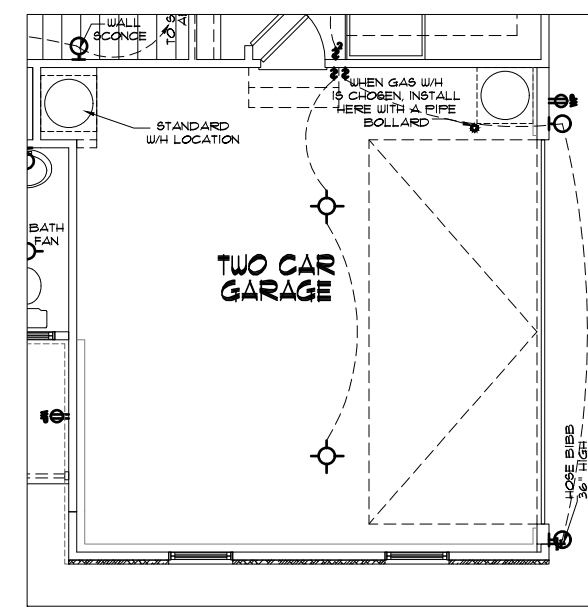
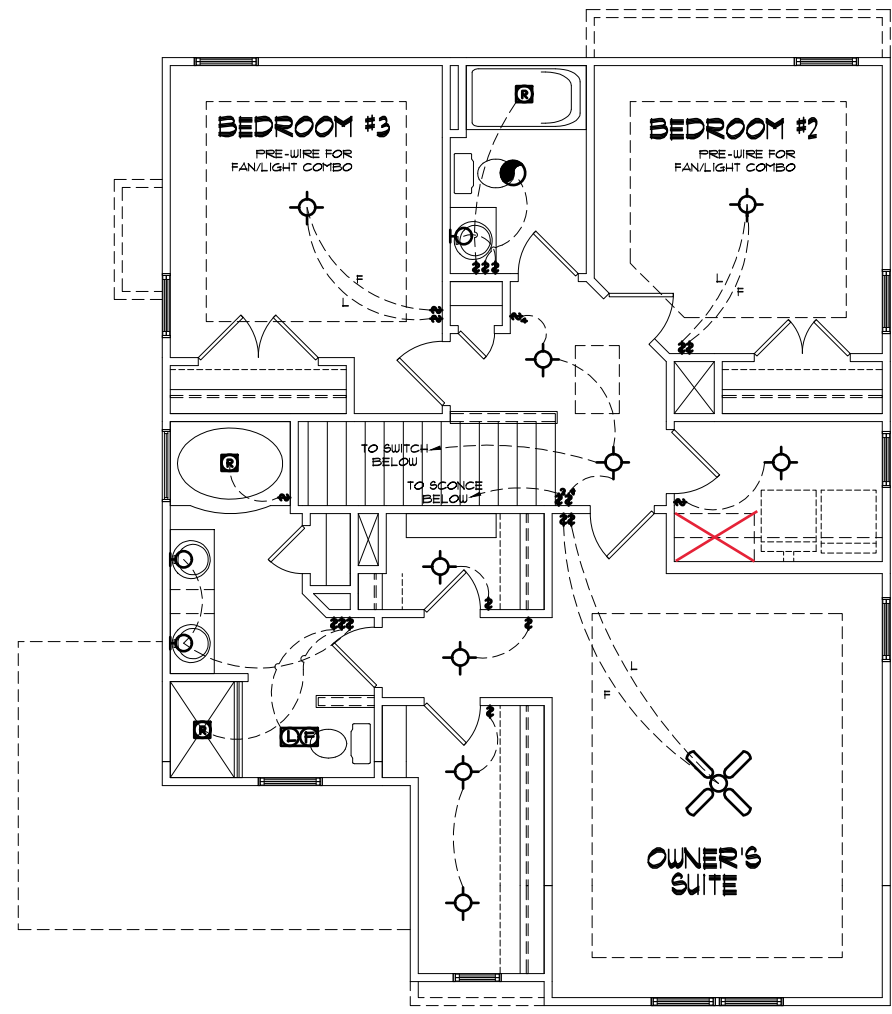
1. ELECTRICAL CONTRACTOR MUST CONFIRM ELECTRICAL LAYOUT WITH BUILDER AND/OR HOMEOWNER. BUILDER/HOMEOWNER SPECIFICATIONS WILL OVERRIDE THESE DOCUMENTS.
2. VERIFY LOCATION OF 240V. RECEPTACLES, AS GAS APPLIANCES MAY BE SUBSTITUTED FOR ELECTRICAL IN SOME CASES.

**ELECTRICAL NOTES**

- ONLY ONE PHONE LINE IS INCLUDED IN BASE HOUSE
- ALL OTHER PHONE LINES ARE OPTIONAL
- 2 OUTLETS INCLUDED IN KITCHEN FOR FUTURE UNDER CABINET LIGHTING
- UNDER-CABINET LIGHTING IS OPTIONAL
- RECEPTACLES ARE TO BE INSTALLED AS STANDARD PER LATEST CODE REQUIREMENTS

**UPGRADED LIGHTING PACKAGE**

1. ALL CEILING MOUNTS TO BE REPLACED WITH RECESSED CAN LIGHTS IN MAIN LIVING AREAS INCLUDING:
  - FAMILY
  - KITCHEN
  - HALLWAYS



Covered Porch  
See Pg. O-1-0

Sideload Garage  
See Detail to Left

1) PLANS HAVE BEEN ISSUED TO MCKEE HOMES LLC. AS A BASE PLAN MASTER SET.  
2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.  
3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.



Scales UNO:  
22X34: 1/4"=1'-0"  
11X17: 1/8"=1'-0"

GENERAL NOTES:  
1. THESE SHEETS SHALL BE COORDINATED WITH ALL SET INFORMATION BY OWNER AND CONTRACTOR. ANY CHANGES TO THESE SHEETS SHALL BE MADE BY THE ARCHITECT.  
2. CONTRACTOR IS TO NOTIFY ARCHITECT IMMEDIATELY OF ANY CHANGES OR DISCREPANCIES FROM THE INFORMATION PROVIDED.  
3. THESE SHEETS ARE NOT TO BE USED FOR CONSTRUCTION WITHOUT THE APPROVAL OF THE ARCHITECT.

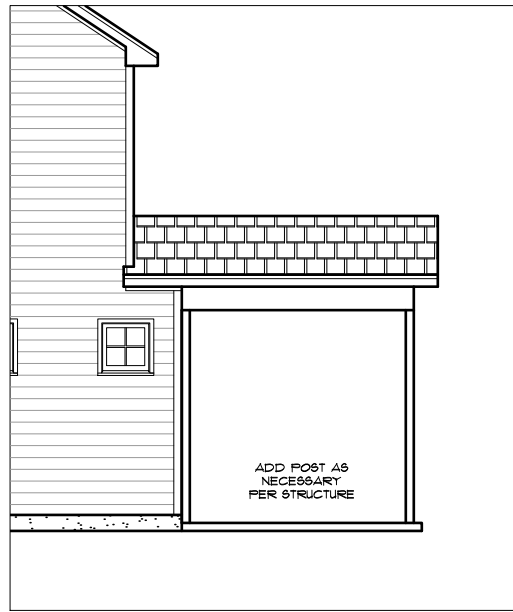
PROGRESS DATE:	---	
ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS		
DATE	BY	DESCRPT.
10-12-16	EB	Master Plan Set - (Archs)
11-15-16	EB	Master Bath & Kitchen Lighting
4-28-17	EB	Master Plan Set - Archs
3-4-18	EB	2018 Codes - Plan mods

McKee Homes, LLC  
Daniels - Base - Classic  
Base Plan - Elev. A (RHG)  
Architectural Set (3-4-19)

First and Second  
Floor Lighting

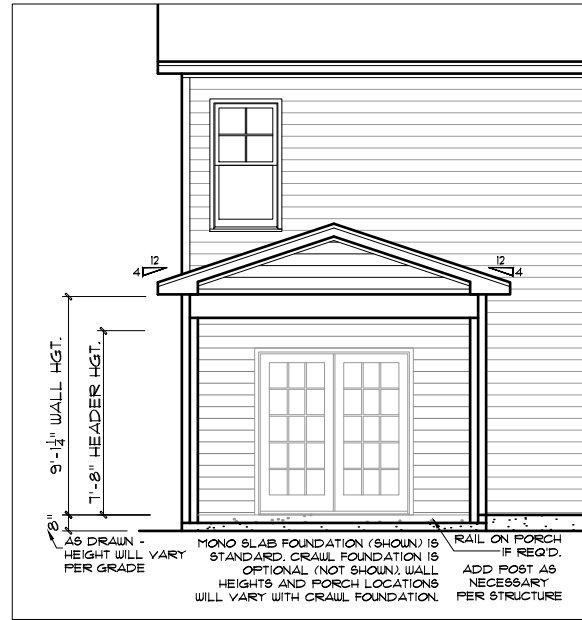
SHEET NO.  
**AE-1-0**

PLAN NO.  
**017110**



### OPT. COVERED PORCH SIDE ELEVATION

22X34 PRINTS SCALE: 1/4"=1'-0"  
11X17 PRINTS SCALE: 1/8"=1'-0"

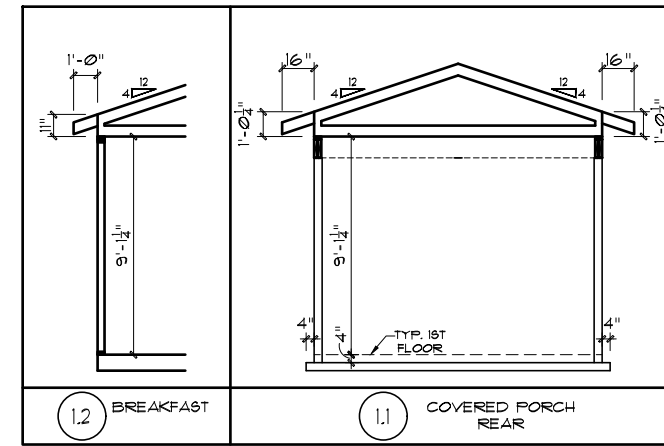


### OPT. COVERED PORCH REAR ELEVATION

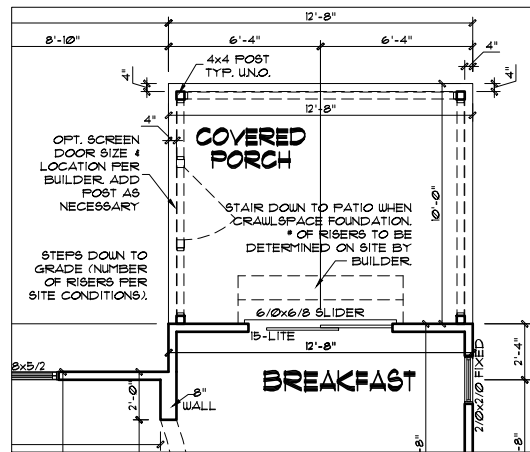
22X34 PRINTS SCALE: 1/4"=1'-0"  
11X17 PRINTS SCALE: 1/8"=1'-0"

**GENERAL NOTES**  
\* USE ICE AND WATER SHIELD AT ALL ROOF PLANES SLOPED BELOW 4:12.  
SEE FLOOR PLANS, ROOF PLAN, AND/OR ROOF FRAMING DETAIL SHEET FOR PLATE HEIGHTS AT RAFTER AND/OR TRUSS BEARING LOCATIONS.  
SEE ROOF PLANS FOR ATTIC VENTILATION CALCULATIONS.  
SEE SHEET D-2 FOR FLASHING DETAILS AND REQUIRED LOCATIONS.

**REQUIRED FLASHING LOCATIONS**  
1) ALL MATERIAL CHANGE INTERSECTIONS.  
2) ALL WINDOW / DOOR OPENINGS.  
3) ALL ROOF VALLEYS.  
BUILDER TO VERIFY ON SITE FLASHING IS INSTALLED TO MEET CODE REQUIREMENTS.

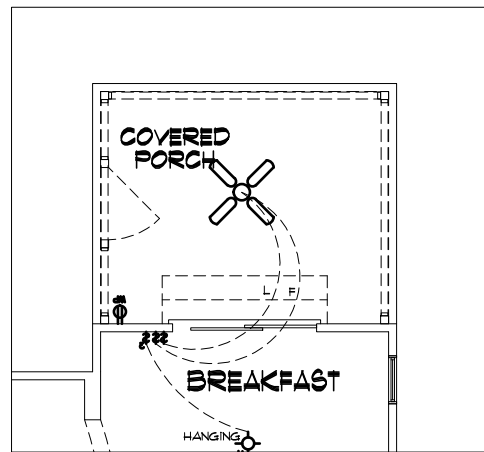


**EXTERIOR DOORS/WINDOWS (DP RATING)**  
- ALL EXTERIOR DOORS TO BE DP41 WHEN BUILT IN HIGH WIND ZONE.  
- ALL EXTERIOR WINDOWS TO BE DP50 WHEN BUILT IN HIGH WIND ZONE.



### OPT. COVERED PORCH FIRST FLOOR PLAN

22X34 PRINTS SCALE: 1/4"=1'-0"  
11X17 PRINTS SCALE: 1/8"=1'-0"



### OPT. COVERED PORCH FIRST FLOOR LIGHTING

22X34 PRINTS SCALE: 1/4"=1'-0"  
11X17 PRINTS SCALE: 1/8"=1'-0"

THIS IS MEANT TO BE AN OPTION SHEET. SEE BASE PLAN FOR MORE INFORMATION.

The Daniels - Option Covered Porch	
Unheated Square Footage	
Covered Porch - Rear	126

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2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.  
3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.

**GENERAL NOTES**  
**WALL THICKNESS / ANGLES**  
ALL EXTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ALL INTERIOR STUD WALLS ARE DRAWN 4" THICK UNO.  
ANGLED WALLS ARE DRAWN @ 45° UNO.  
**EGRESS**  
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO EGRESS REQUIREMENTS FOR CLEAR OPENING HEIGHT AND WIDTH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EGRESS SIZING PER CODE BASED ON CHOSEN MANUFACTURER, AS PRODUCT SIZES MAY VARY.  
**WALL/CEILING HEIGHTS**  
WALL AND CEILING HEIGHTS NOTES ARE BASED ON NOMINAL WALL SIZE (IE. A 9'-1 1/8" ACTUAL WALL HEIGHT IS LABELED 9/0 ON THE PLANS).  
ALL VAULTED OR SLOPED CEILINGS ARE TO BE FURRED DOWN TO ACCOMMODATE REQUIRED CEILING INSULATION AND 1" AIRSPACE. VERIFY CODES FOR INFORMATION ON INSULATION REQUIREMENTS.  
**STAIRS**  
STAIR TREADS ARE MEASURED FROM NOSING TO NOSING (N/N).  
MAXIMUM STAIR RISE HEIGHT TO BE NO GREATER THAN 8-1/4"

**WINDOW FALL PREVENTION PROTECTION**  
IF ANY PART OF THE CLEAR OPENING OF THE OPERABLE PORTION OF A WINDOW IS LOCATED MORE THAN 72" ABOVE THE EXTERIOR GRADE THEN THE LOWEST PART OF THE CLEAR OPENING MUST BE AT LEAST 24" ABOVE THE FLOOR OF THE ROOM IN WHICH IT IS LOCATED.  
**EXCEPTIONS:**  
1. THE WINDOW IS A FIXED UNIT  
2. THE OPENING DOES NOT ALLOW THE PASSAGE OF A 4- INCH DIAMETER SPHERE.  
3. THE WINDOW IS EQUIPPED WITH A WINDOW FALL PREVENTION DEVICE MEETING ASTM F2090.  
4. THE WINDOW IS EQUIPPED WITH AN APPROVED WINDOW OPENING LIMITING DEVICE.  
**NOTE:** WHEN USED WITH AN EMERGENCY ESCAPE AND RESCUE WINDOW OPENING LIMITING DEVICES AND FALL PREVENTION DEVICES MUST BE APPROVED FOR EMERGENCY ESCAPE AND RESCUE PROVISIONS.



Scales UNO:  
22X34: 1/4"=1'-0"  
11X17: 1/8"=1'-0"

4. MCKEE HOMES WILL ASSUME ANY AND ALL LIABILITY FOR ERRORS ASSOCIATED WITH ERRORS AND OMISSIONS ON THESE DRAWINGS HEREIN.  
5. THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION OF ANY STRUCTURE WITHOUT THE APPROVAL OF A LICENSED PROFESSIONAL ENGINEER.

GENERAL NOTES:  
1. THESE PLANS ARE TO BE CONSIDERED WITH ALL THE INFORMATION OF OWNER AND CONTRACTOR AND PER LOCAL CODES.  
2. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING STRUCTURE FROM DEPICTED INFORMATION.  
3. MCKEE HOMES IS NOT RESPONSIBLE FOR CONSTRUCTION VARIATIONS FROM THE INFORMATION DEPICTED.

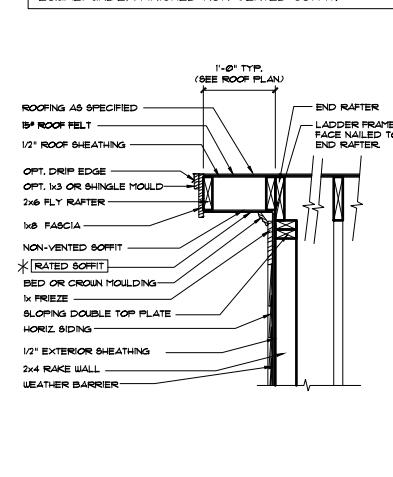
McKee Homes, LLC  
Daniels - Base - Options  
Base Plan - Right Hand Garage  
Architectural Set (3-4-19)

PROGRESS DATE:	--	
ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS		
DATE	BY	DESCRPT.
10-12-16	EB	Master Plan Set - (Archs)
11-15-16	EB	Master Bath & Kitchen Lighting
4-28-17	EB	Master Plan Set - Archs
3-4-18	EB	2018 Codes - Plan mods

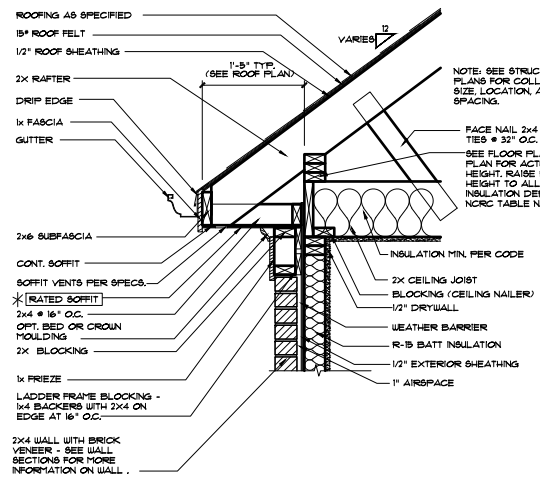
Opt Covered Patio -  
Architecturals  
SHEET NO.  
**0-1-0**  
PLAN NO.  
**017110**



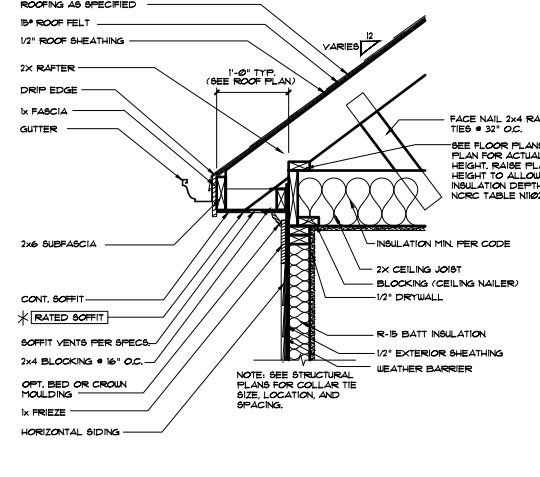
\* 1 HOUR RATED (PRESCRIPTIVE 133 HR) W/ (2) LAYERS 5/8" TYPE X GYP BD. AT UNDERSIDE OF SOFFIT/RAKE AS REQUIRED. SEE PLANS FOR LOCATIONS. USE EXTERIOR GRADE (G-P FIREGUARD EXTERIOR OR EQUAL) UNDER FINISHED NON-VENTED SOFFIT.



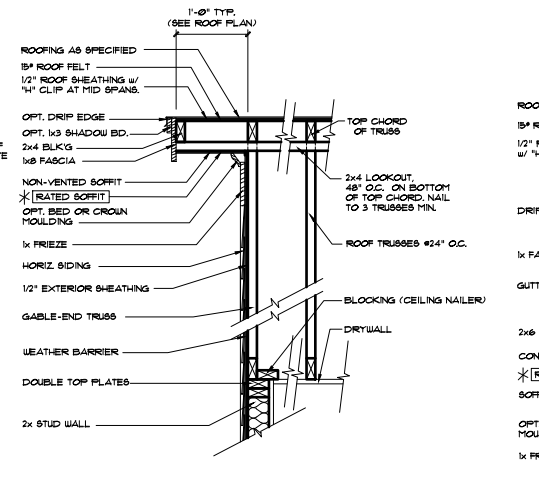
9 RAKE OVERHANG - STICK  
1/4"=1'-0"  
DT0039



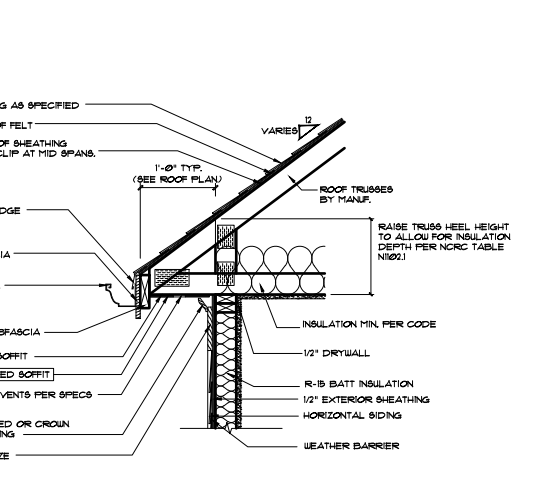
8 CORNICE AT BRICK STICK  
1/4"=1'-0"  
DT0051



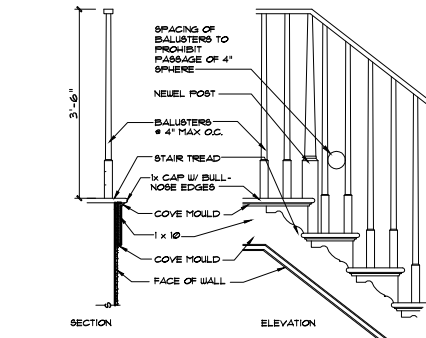
7 CORNICE AT SIDING (STICK)  
1/4"=1'-0"  
DT0064



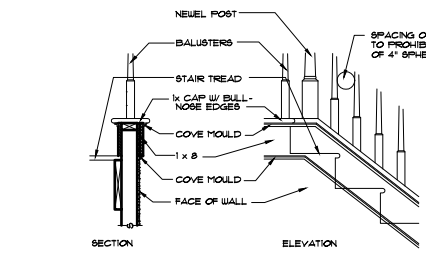
6 RAKE OVERHANG - (TRUSSES)  
1/4"=1'-0"  
DT0046



5 CORNICE AT SIDING (TRUSSES)  
1/4"=1'-0"

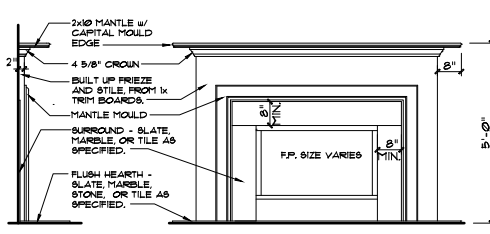


4 STAIR TRIM - OPEN RISERS  
3/4"=1'-0"  
DT0043



3 STAIR TRIM - CLOSED RISERS  
3/4"=1'-0"  
DT0042

\* SEE STRUCTURAL SHEETS, NOTES AND DETAILS FOR MORE INFORMATION. ALL STRUCTURAL INFORMATION OVER-RIDES THESE ARCHITECTURAL DETAILS



2 FIREPLACE TRIM  
1/2"=1'-0"  
DT0062

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3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOULD BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.

ACCEPTABLE MANUFACTURER: G-P DENSE GLASS GOLD FIREGUARD EXTERIOR GUARD OR EQUAL.

GA FILE NO. WP 8105	GENERIC	1 HOUR FIRE
GYPSUM WALLBOARD, GYPSUM SHEATHING, WOOD STUDS		
EXTERIOR SIDE: One layer 48" wide 1/2" type X gypsum sheathing applied parallel to 2 x 4 wood studs with 1 1/2" galvanized roofing nails, 0.120" shank, 7/16" or 1/2" heads, 4" o.c. at vertical joints and 7" o.c. at intermediate studs and top and bottom plates. Joints of gypsum sheathing may be left untreated. Exterior cladding to be attached through sheathing to studs.		
INTERIOR SIDE: One layer 1/2" type X gypsum wallboard, water-resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 6d coated nails, 1 1/4" long, 0.0915" shank, 1/2" heads, 7" o.c. (LOAD-BEARING)		
Thickness:	Varies	
Approx. Weight:	7 pcf	
Fire Test:	See WP 3510 (UL R3501-47, -48, 9-17-65, UL Design U309, UL 11919-129, 7-22-70, UL Design U314)	

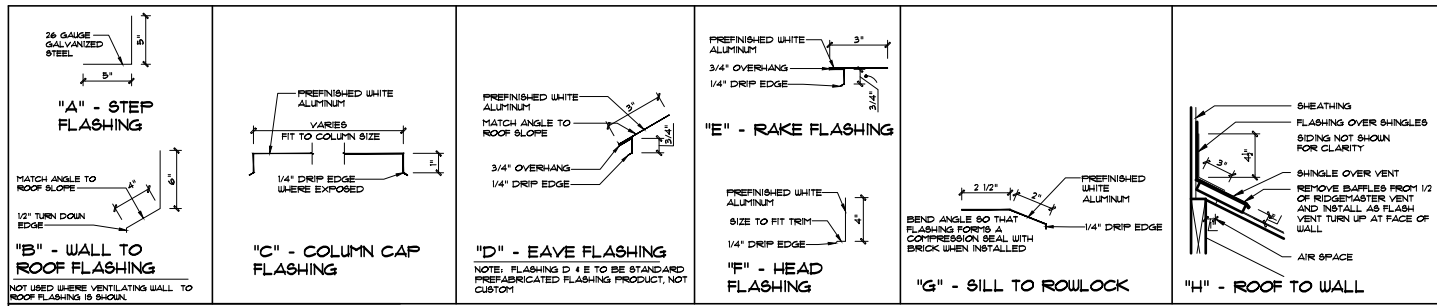
WALL SECTION DETAILS			
MASTER DETAIL	DETAIL VARIATIONS		

FLOOR SECTION DETAILS			
MASTER DETAIL	DETAIL VARIATIONS		

GENERAL NOTES: 1. USE TO BE COORDINATED WITH ALL USE INFORMATION BY OWNER AND CONTRACTOR. 2. CONTRACTOR IS TO VERIFY ARCHITECT PRESENTED CONDITIONS OR CONDITIONS VARYING FROM SPECIFIED INFORMATION. 3. USER WORKS IS RESPONSIBLE FOR CONTRIBUTED VARIATIONS FROM THE INFORMATION PROVIDED.  
 4. MCKEE HOMES WILL ASSUME ANY AND ALL LIABILITY FOR DAMAGES ASSOCIATED WITH ERRORS AND OMISSIONS ON THESE DRAWINGS HEREIN.  
 5. THESE NOTES IS APPLICABLE FOR EXISTING, FUTURE, OR RECONSTRUCTED CONDITIONS UNLESS OTHERWISE SPECIFIED.

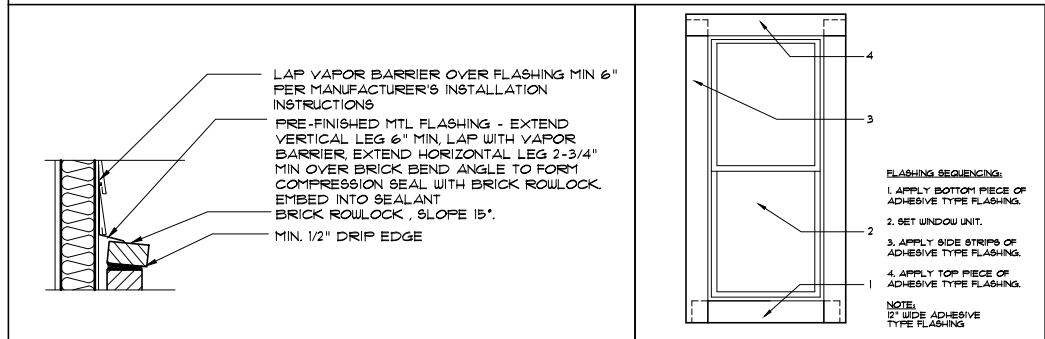
McKee Homes, LLC  
 Daniels - Base - Options  
 Base Plan - Right Hand Garage  
 Architectural Set (3-4-19)

PROGRESS DATE:	--	
ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS:		
DATE:	BY:	DESCRPT.
10-12-18	EB	Master Plan Set - (Archs)
11-15-18	EB	Master Bath & Kitchen Lighting
4-28-17	EB	Master Plan Set - Archs
3-4-19	EB	2018 Codes - Plan mods
<b>Architectural Details</b>		
SHEET NO.		
<b>AD-1</b>		
PLAN NO.		
<b>017110</b>		



**FLASHING DETAILS**

NOT TO SCALE



**SIDING TO BRICK ROWLOCK FLASHING**

NO SCALE

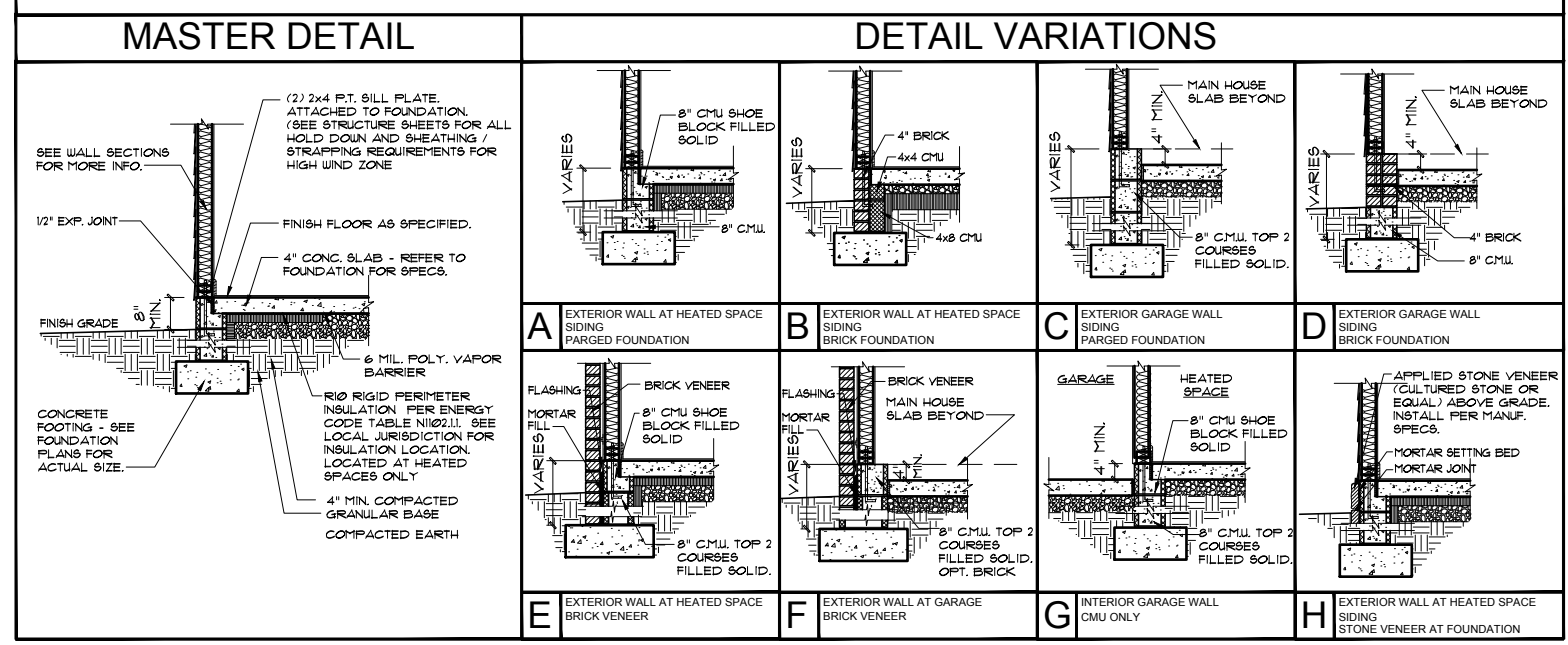
**ADHESIVE FLASHING DTL.**

NO SCALE

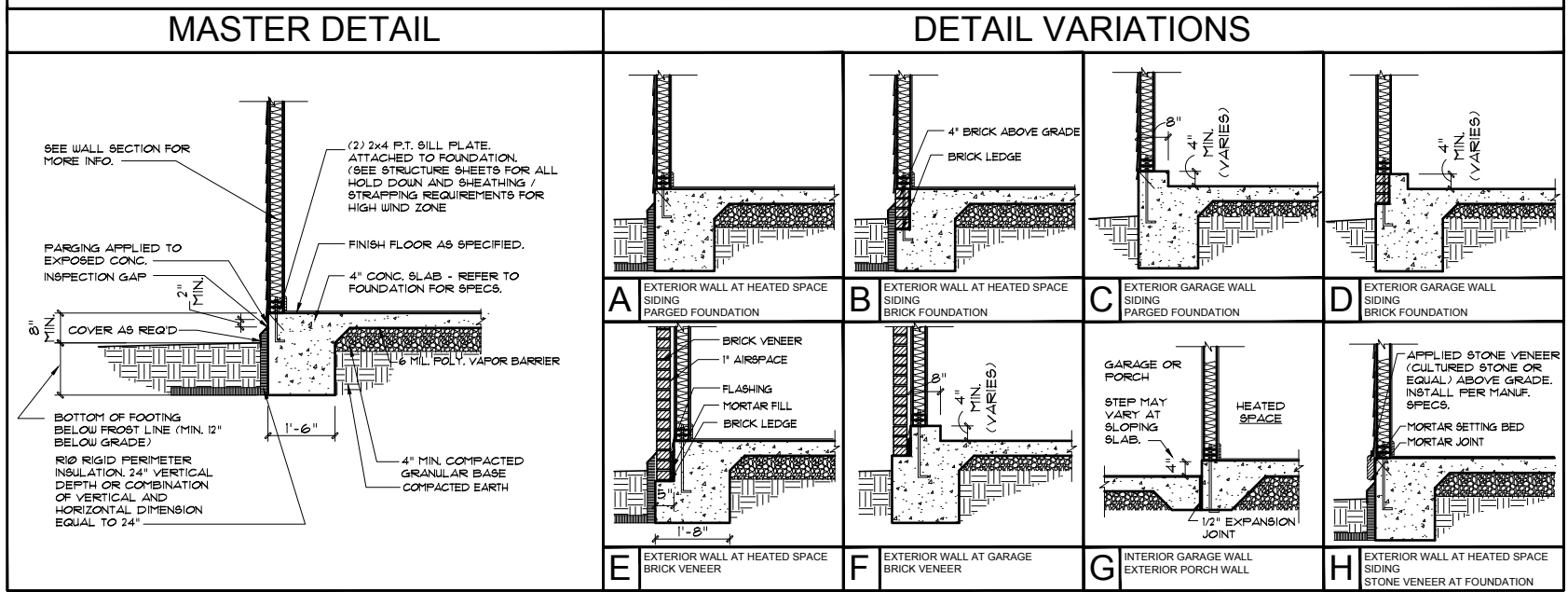
\* SEE STRUCTURAL SHEETS, NOTES AND DETAILS FOR MORE INFORMATION. ALL STRUCTURAL INFORMATION OVER-RIDES THESE ARCHITECTURAL DETAILS

1) PLANS HAVE BEEN ISSUED TO MCKEE HOMES LLC, AS A BASE PLAN MASTER SET.  
 2) PLANS AND OPTIONS ARE DESIGNED FOR SINGLE USE ONLY AND NOT IN COMBINATION WITH EACH OTHER. THE USE OF MULTIPLE OPTIONS TOGETHER MAY CAUSE ADDITIONAL CHANGES TO ORIGINAL STRUCTURE AND ARCHITECTURAL DESIGNS.  
 3. ANY ON SITE CHANGES OR VARIATIONS FROM PLANS SHOWN MUST BE VERIFIED WITH DESIGNER OR ENGINEER TO MEET LOCAL CODES, GUIDELINES, LOAD CALCULATIONS ETC.

**STEM WALL SLAB FOUNDATION DETAILS**



**MONO SLAB FOUNDATION DETAILS**

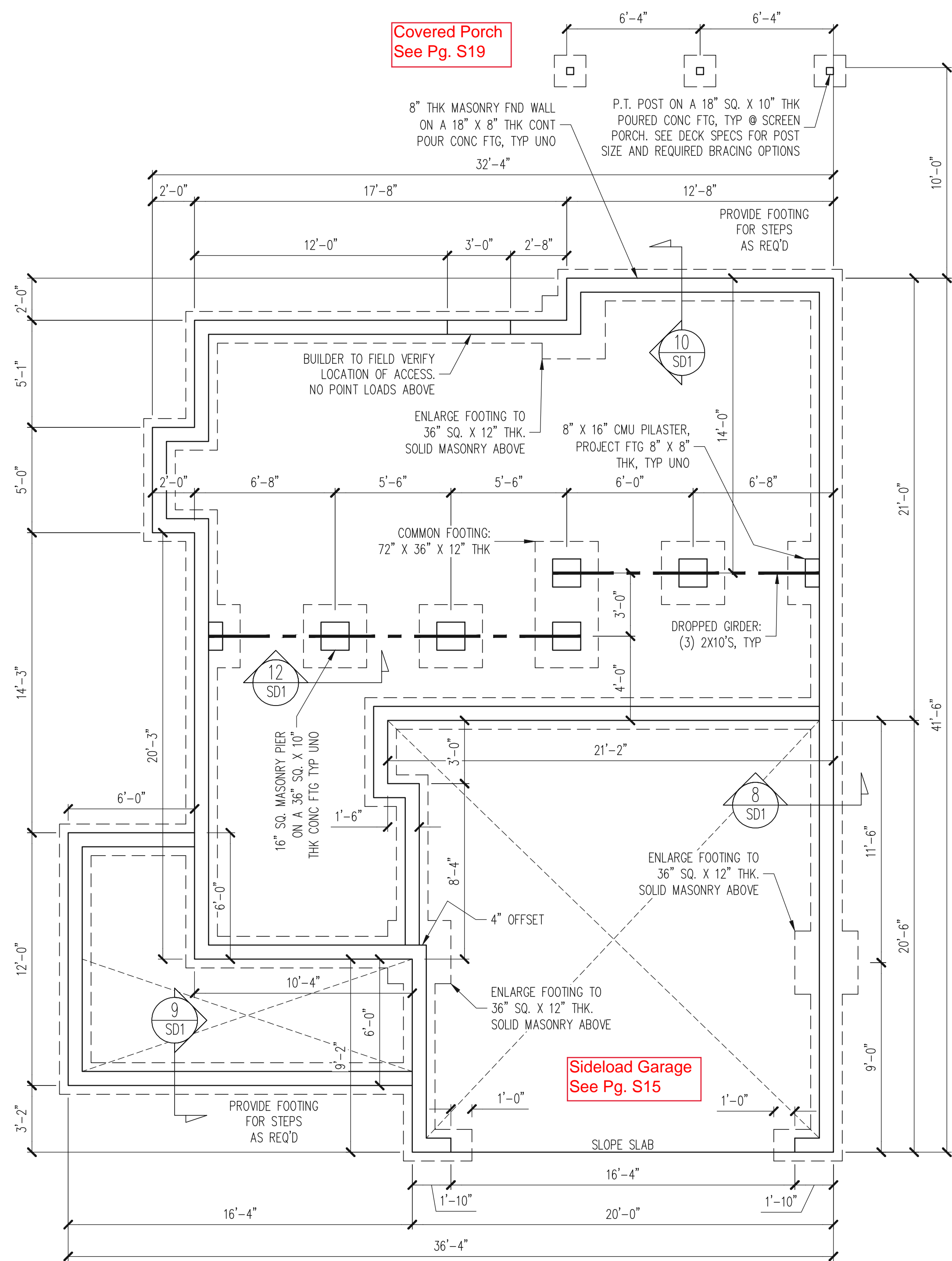


Scales UNO:  
 22X34: 1/4"=1'-0"  
 11X17: 1/8"=1'-0"

GENERAL NOTES: 1. THIS SET OF PLANS IS TO BE CONSIDERED AS A GENERAL GUIDE ONLY. ALL WORK SHALL BE IN ACCORDANCE WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS. 2. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING STRUCTURE AND UTILITIES PRIOR TO CONSTRUCTION. 3. THESE PLANS ARE FOR INFORMATION ONLY. 4. MCKEE HOMES, LLC ASSUMES NO LIABILITY FOR DAMAGES ASSOCIATED WITH ERRORS AND OMISSIONS ON THESE DRAWINGS HEREIN. 5. THESE PLANS ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCKEE HOMES, LLC.

McKee Homes, LLC  
 Daniels - Base - Options  
 Base Plan - Right Hand Garage  
 Architectural Set (3-4-19)

PROGRESS DATE:	07/12/13	
ISSUE DATE:	07/12/13	
DRAWN BY:	B. Bates	
CHECKED BY:	B. Bates	
REVISIONS:		
DATE:	BY:	DESCRPT.
10-12-18	BB	Master Plan Set (Archs)
11-15-18	BB	Master Bath & Kitchen Lighting
4-28-17	BB	Master Plan Set - Archs
3-4-19	BB	2018 Codes - Plan mods
<b>Architectural Details</b>		
-		
SHEET NO.		
<b>AD-2</b>		
PLAN NO.		
<b>017110</b>		



FOUNDATION PLAN  
CRAWLSPACE OPTION  
CLASSIC ELEVATION

1/4" = 1'-0"

- NOTES:
- HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION.
  - FIBER MESH REINFORCED CONCRETE MAY BE USED IN LIEU OF WELDED WIRE FABRIC. SEE SECTION 6.01 OF THE CONSTRUCTION SPECIFICATIONS FOR ALLOWABLE SUBSTITUTION DETAILS.

CLIENT: MCKEE HOMES

SCOPE: STRUCTURAL ADDENDUM

LOT #: ENG: KWT/DTN

REV: REV: DATE: 2-2-2019

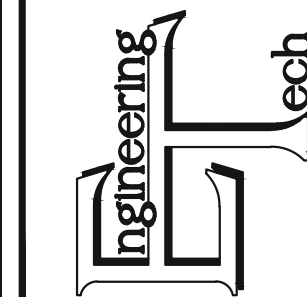
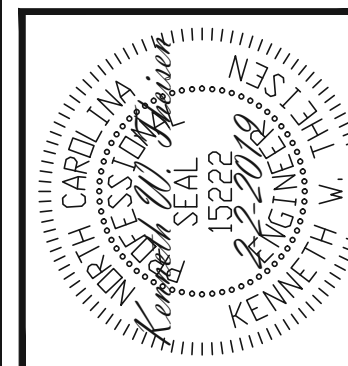
PLAN NO.  
DANIELS LH

PROJECT NO.  
19-29-004L

SHEET NO.  
S5

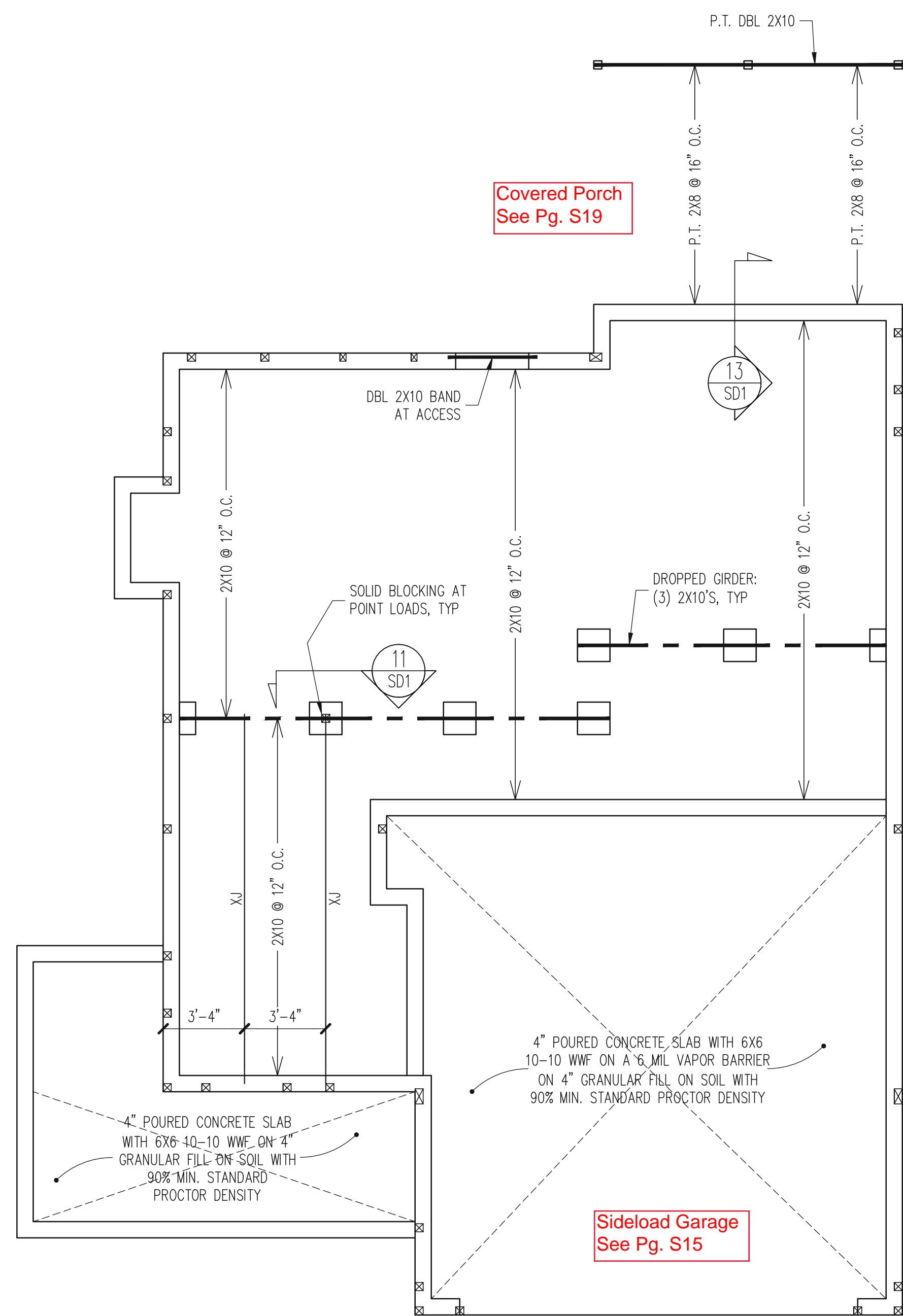
5 of 23

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ASSOCIATES, P.A.



CRAWL SPACE FRAMING PLAN  
CLASSIC ELEVATION  
1/4" = 1'-0"

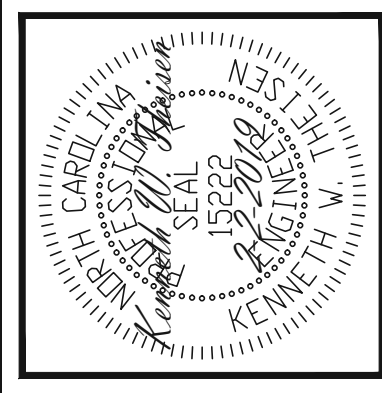
NOTES:  
- HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION.  
- FIBER MESH REINFORCED CONCRETE MAY BE USED IN LIEU OF WELDED WIRE FABRIC. SEE SECTION 6.01 OF THE CONSTRUCTION SPECIFICATIONS FOR ALLOWABLE SUBSTITUTION DETAILS.

CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN REV: DATE: 2-2-2019

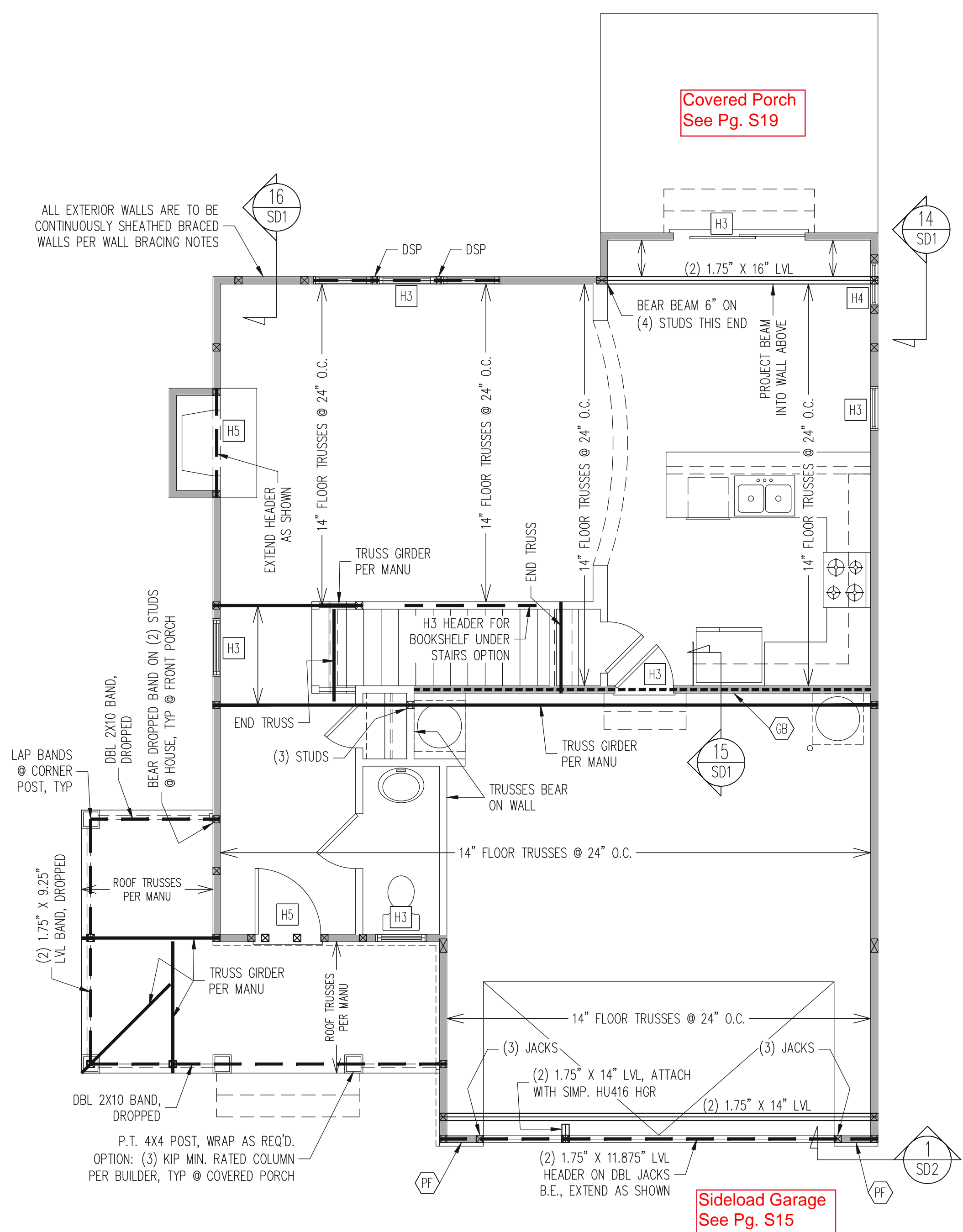
PLAN NO.	DANIELS LH
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PROJECT NO.	19-29-004L
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SHEET NO.	S7
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1ST FLOOR FRAMING PLAN  
CLASSIC ELEVATION  
WALLS AND CEILING  
1/4" = 1'-0"

**WALL BRACING**

ALL EXTERIOR STUD WALLS ARE TO BE CONTINUOUSLY SHEATHED BRACED WALLS PER WALL BRACING NOTES

TRUSS OR 2X6 BLOCKING IS REQUIRED ABOVE ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO DBL TOP PLATE WITH 16d TOE NAILS @ 6" O.C. ATTACH SOLE PLATE TO FRAMING / FND BELOW PER TYPICAL BRACED WALL DETAILS. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO.

**SHADED WALLS:**

**GB** INTERIOR BRACED WALL WITH GYPSUM BOARD. 1/2" GB BOTH SIDES OF WALL ATTACHED TO PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES, AT 7" O.C.. BUILDER PERMITTED TO USE WSP IN LIEU OF GB UNO.

**WSP** INTERIOR BRACED WALL WITH 3/8" MIN. THICKNESS WOOD STRUCTURAL PANELING, (1) SIDE. ATTACH WSP TO STUD WALL WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD. BLOCK AT ALL PANEL EDGES.

**PF** PORTAL FRAME PER TYPICAL DETAIL.  
BUILDER PERMITTED TO SUBSTITUTE INTERIOR OSB SHEATHING WITH THERMO-PLY BLUE PROTECTIVE SHEATHING, REFERENCE TECHNICAL EVALUATION REPORT COL#-1038 PROVIDED BY DRJ ENGINEERING, LLC AND SEALED BY RYAN DEXTER, P.E.

PROVIDED CONTINUOUS SHEATHING = 147' MIN.  
-WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NCR. CONTINUOUS SHEATHING HAS BEEN PROVIDED, ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NCR HAS BEEN MET AND EXCEEDED.

-BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NCRBC R602.3.5 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS.

**REQUIRED STUDS FOR BEAM SUPPORT**

REFER TO SECTIONS 5.02 - 5.06 OF THE CONSTRUCTION SPECIFICATIONS FOR REQUIRED NUMBER OF STUDS FOR BEAM SUPPORT, TYP UNO.

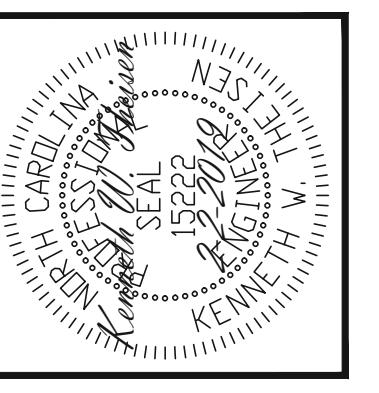
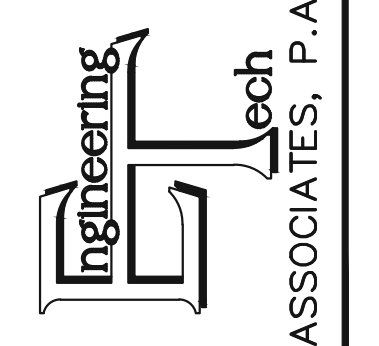
**HEADER SCHEDULE**

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (2) 2X10'S ON DBL JACKS

- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

**NOTES:**  
-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.  
-KING STUDS EXTERIOR WALLS:  
SINGLE KING STUDS FOR 6' MAX OPENINGS.  
DBL KING STUDS FOR 10' MAX OPENINGS.  
TRPL KING STUDS FOR 14' MAX OPENINGS.  
QUAD KING STUDS FOR 18' MAX OPENINGS.  
FOR 2X6 WALLS, ONE HALF THE AMOUNT OF KING STUDS REQUIRED (ROUND UP) UNO

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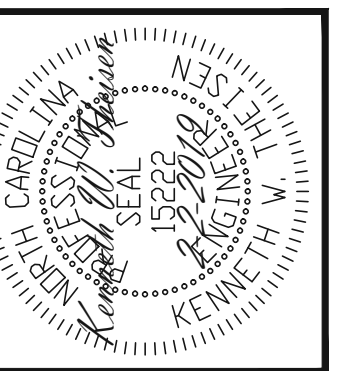
ENGINEERING SEAL VALID FOR 1 YEAR ONLY.  
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CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN
REV:	REV:
DATE:	2-2-2019

PLAN NO.  
DANIELS LH

PROJECT NO.  
19-29-004L

SHEET NO.  
S9



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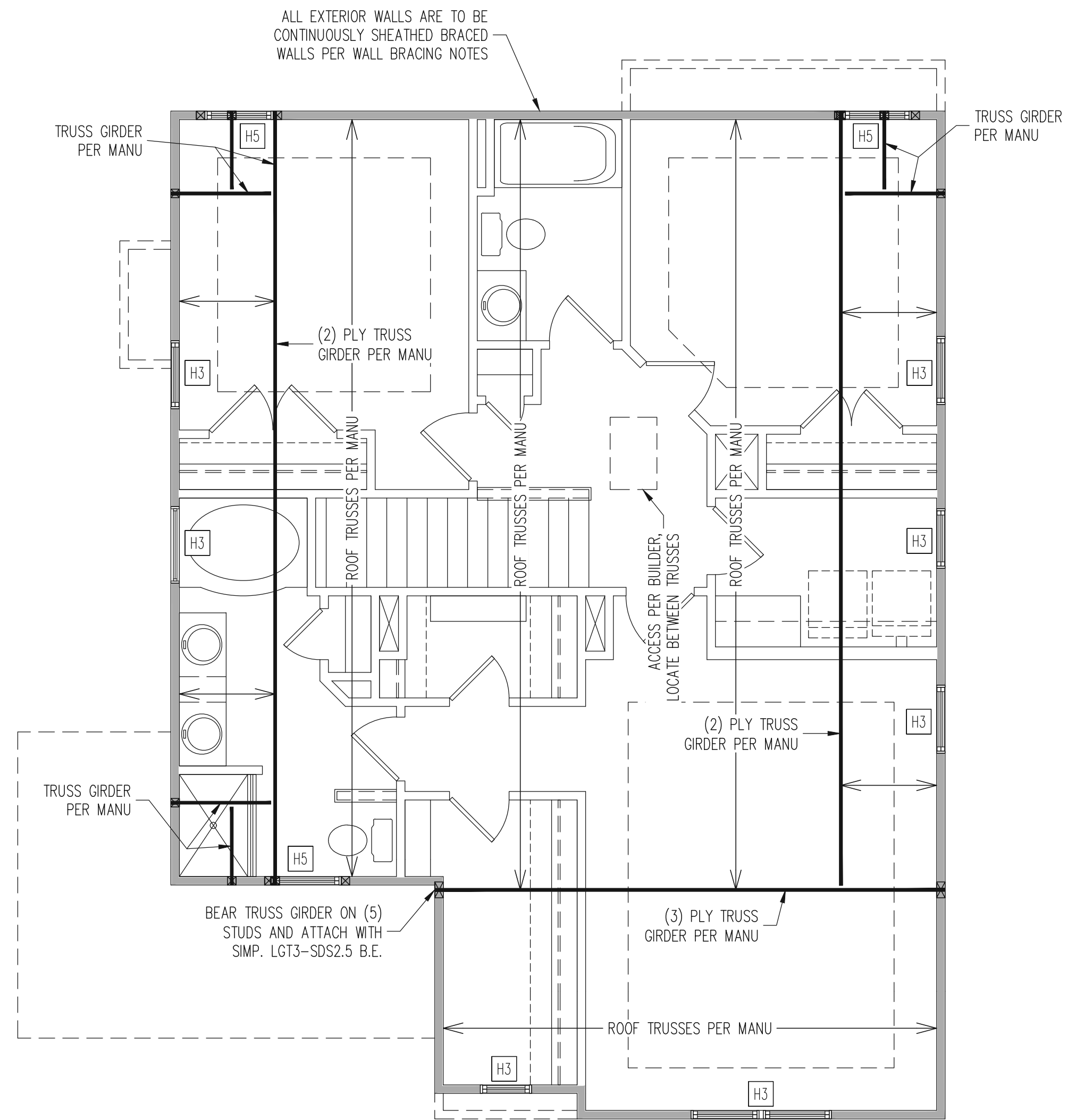
CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN
REV:	REV:
DATE:	2-2-2019

PLAN NO.  
**DANIELS LH**

PROJECT NO.  
**19-29-004L**

SHEET NO.  
**S11**

Covered Porch  
 See Pg. S19



2ND FLOOR FRAMING PLAN  
 CLASSIC ELEVATION

WALLS AND CEILING  
 1/4" = 1'-0"

WALL BRACING

ALL EXTERIOR STUD WALLS ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.

TRUSS OR 2X6 BLOCKING IS REQUIRED ABOVE ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO DBL TOP PLATE WITH 16d TOE NAILS @ 6" O.C. ATTACH SOLE PLATE TO FRAMING / FND BELOW PER TYPICAL BRACED WALL DETAILS. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO.

SHADED WALLS:

PROVIDED CONTINUOUS SHEATHING = 139' MIN.  
 -WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NCR. CONTINUOUS SHEATHING HAS BEEN PROVIDED, ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NCR HAS BEEN MET AND EXCEEDED.

-BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) TO PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NCRBC R602.3.5 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS.

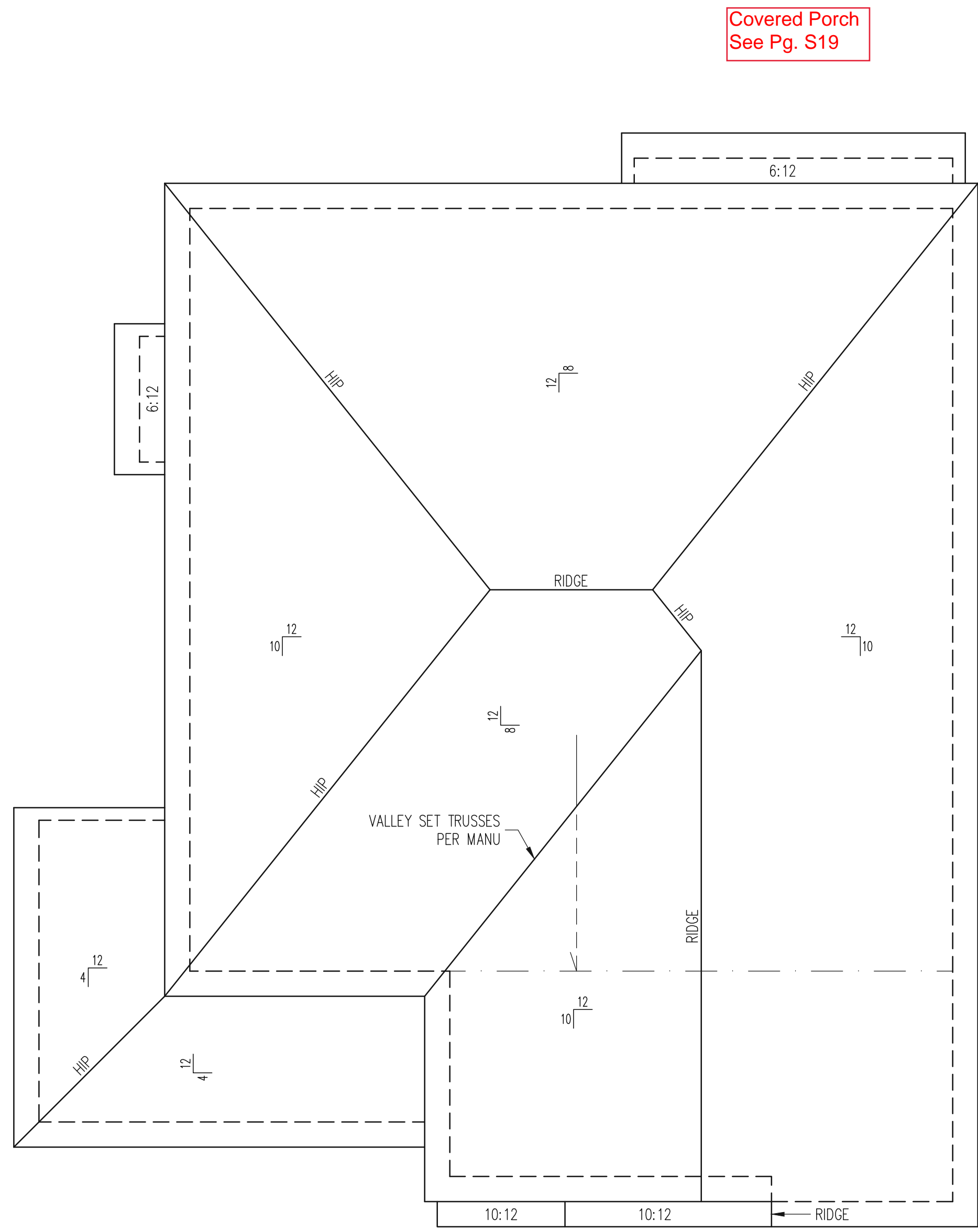
REQUIRED STUDS FOR BEAM SUPPORT

REFER TO SECTIONS 5.02 - 5.06 OF THE CONSTRUCTION SPECIFICATIONS FOR REQUIRED NUMBER OF STUDS FOR BEAM SUPPORT, TYP UNO.

HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
  - H2 (2) 2X4'S ON SINGLE JACKS (B)
  - H3 (2) 2X10'S ON SINGLE JACKS (C)
  - H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
  - H5 (2) 2X10'S ON DBL JACKS
- 
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
  - (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
  - (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

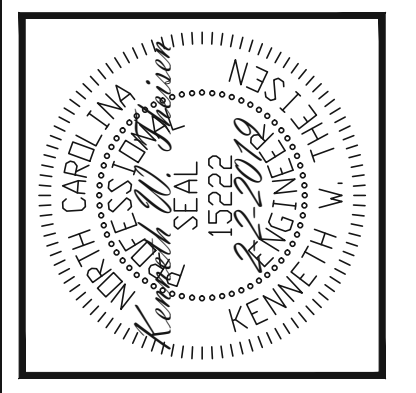
NOTES:  
 -HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.  
 -KING STUDS EXTERIOR WALLS:  
 SINGLE KING STUDS FOR 6' MAX OPENINGS.  
 DBL KING STUDS FOR 10' MAX OPENINGS.  
 TRPL KING STUDS FOR 14' MAX OPENINGS.  
 QUAD KING STUDS FOR 18' MAX OPENINGS.  
 FOR 2X6 WALLS, ONE HALF THE AMOUNT OF KING STUDS REQUIRED (ROUND UP) UNO



ROOF FRAMING PLAN  
 CLASSIC ELEVATION  
 1/4" = 1'-0"

**FRAMING NOTES**  
 ROOF ONLY  
 -ROOF TRUSSES PER MANU TYPICAL UNO  
 -ATTACH ROOF TRUSSES TO DBL TOP PLATE  
 WITH SIMP. H10A HURRICANE TIES TYP UNO  
 -VERIFY ALL ARCHITECTURAL OVERHANGS, ROOF  
 PITCHES, AND KNEEWALL HEIGHTS PRIOR TO  
 CONSTRUCTION

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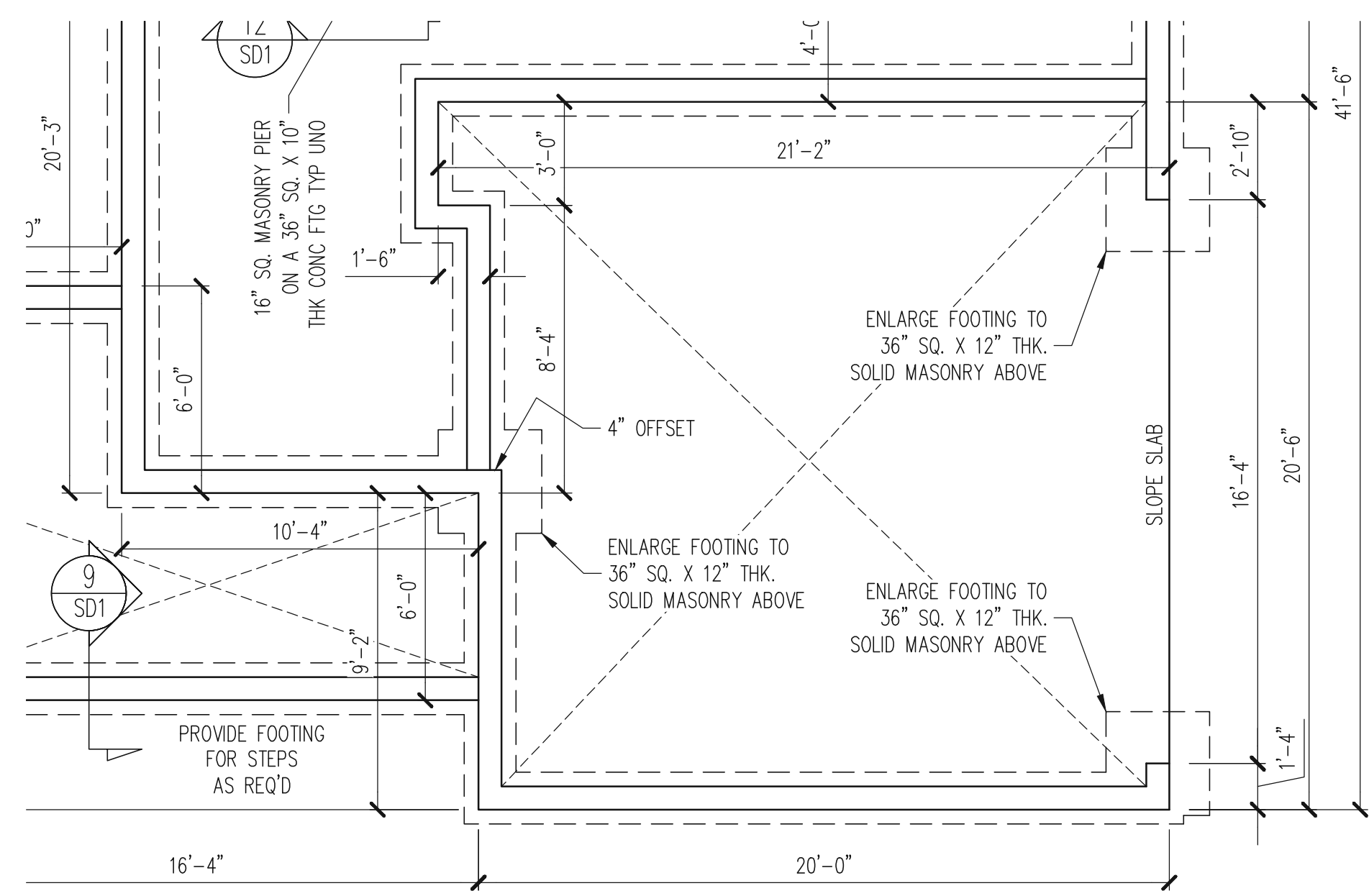
**ENGINEERING SEAL VALID FOR 1-YEAR ONLY.**  
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 Engineering Tech Associates, P.A. These plans are  
 for the client listed only. Engineering Tech  
 Associates, P.A. assumes no liability for these plans  
 if construction or permitting takes place more than  
 1 year after the seal date without written  
 permission from Engineering Tech Associates, P.A.

CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN REV:
DATE:	2-2-2019

PLAN NO.  
 DANIELS LH

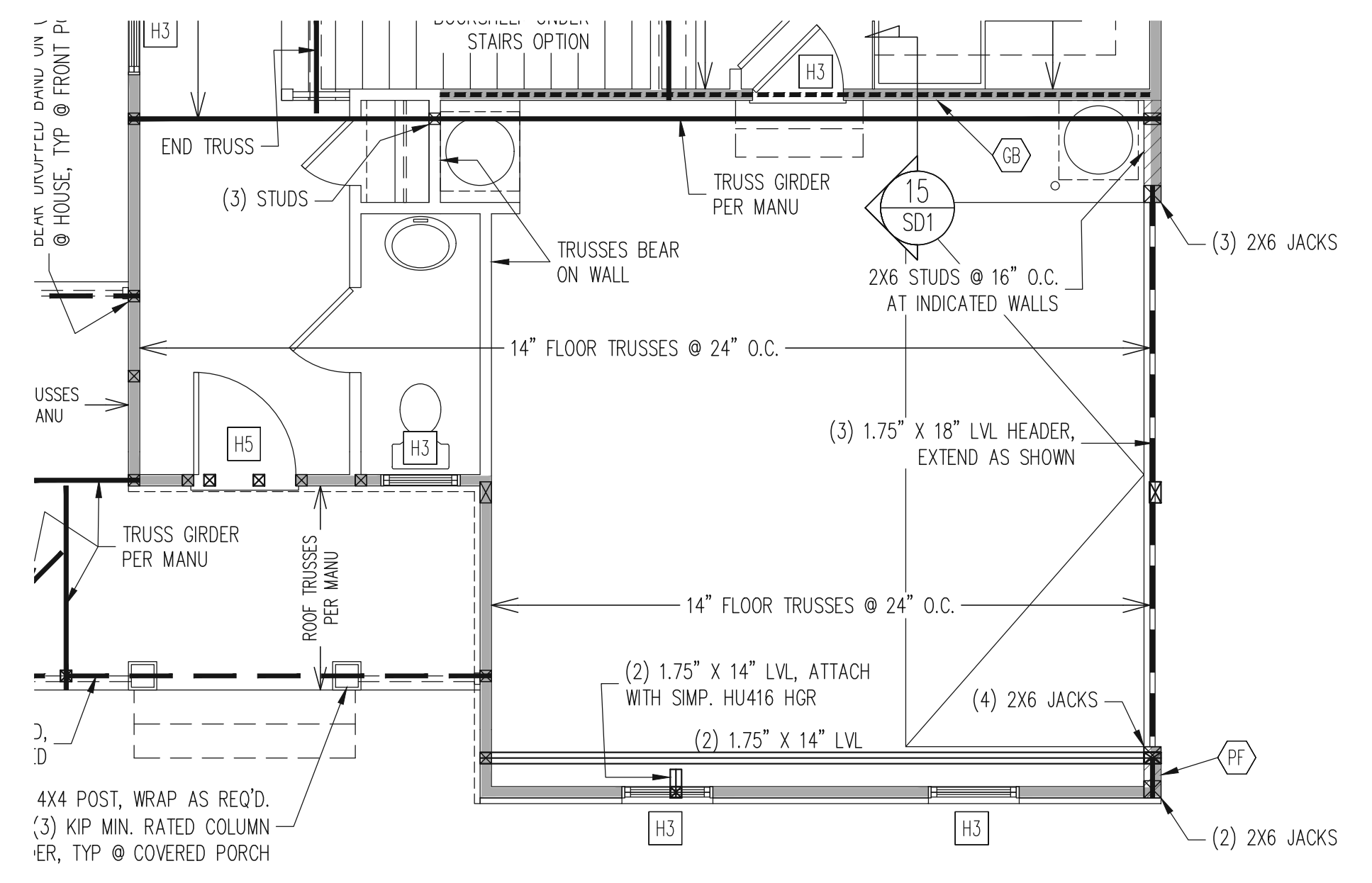
PROJECT NO.  
 19-29-004L

SHEET NO.  
 S13



FOUNDATION PLAN  
CRAWLSPACE OPTION  
SIDE LOAD GARAGE OPTION  
CLASSIC ELEVATION  
1/4" = 1'-0"

REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

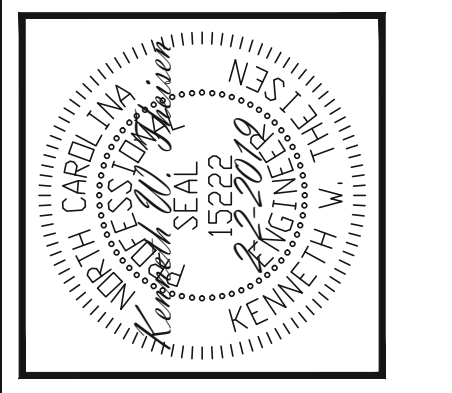


1ST FLOOR FRAMING PLAN  
SIDE LOAD GARAGE OPTION  
CLASSIC ELEVATION  
WALLS AND CEILING  
1/4" = 1'-0"

REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

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CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN
REV:	REV:
DATE:	2-2-2019

PLAN NO.  
DANIELS LH

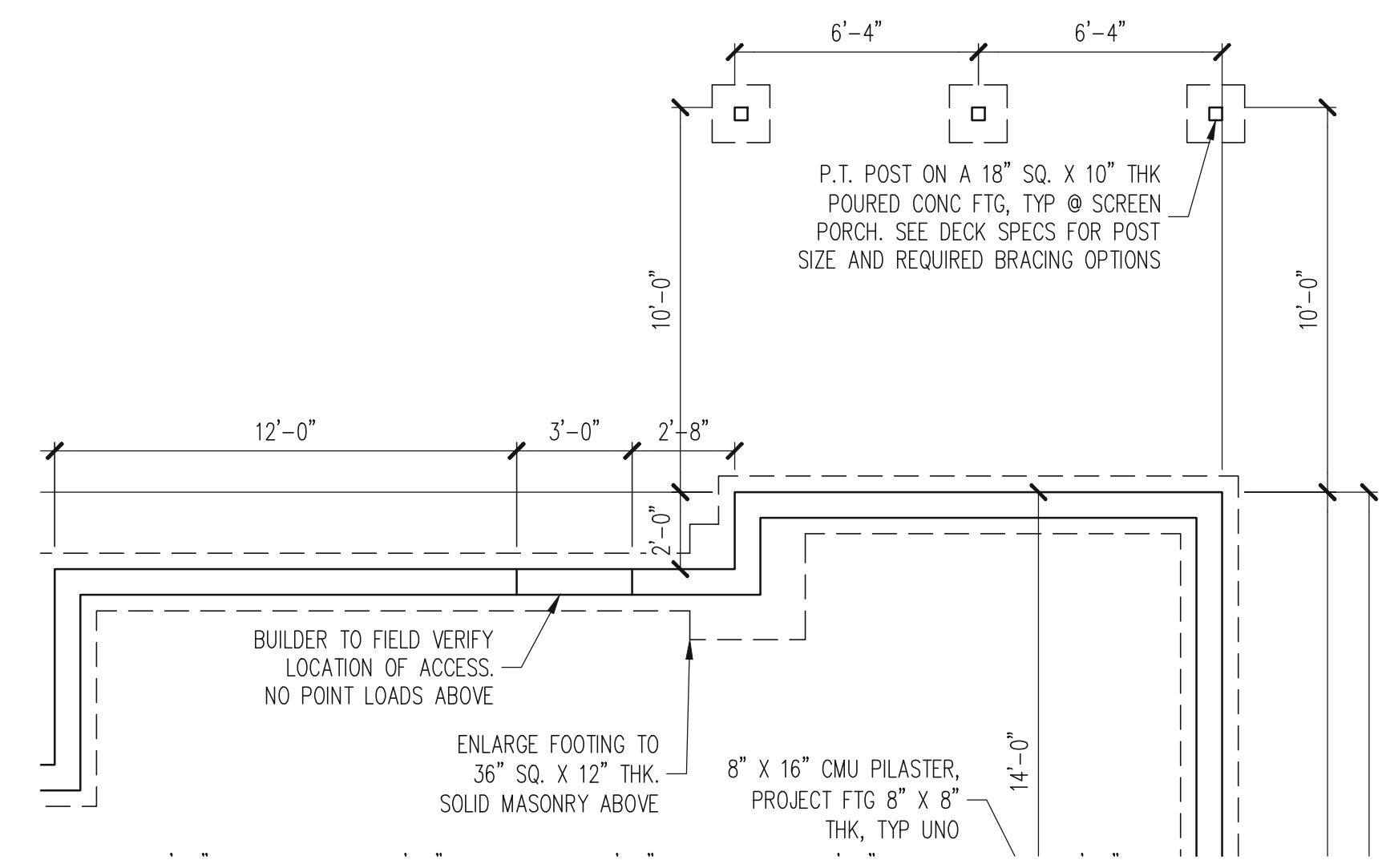
PROJECT NO.  
19-29-004L

SHEET NO.  
S15

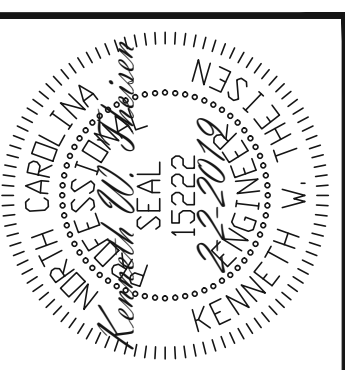


REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

FOUNDATION PLAN  
CRAWLSPACE OPTION  
COVERED REAR PORCH OPTION  
ALL ELEVATIONS  
1/4" = 1'-0"



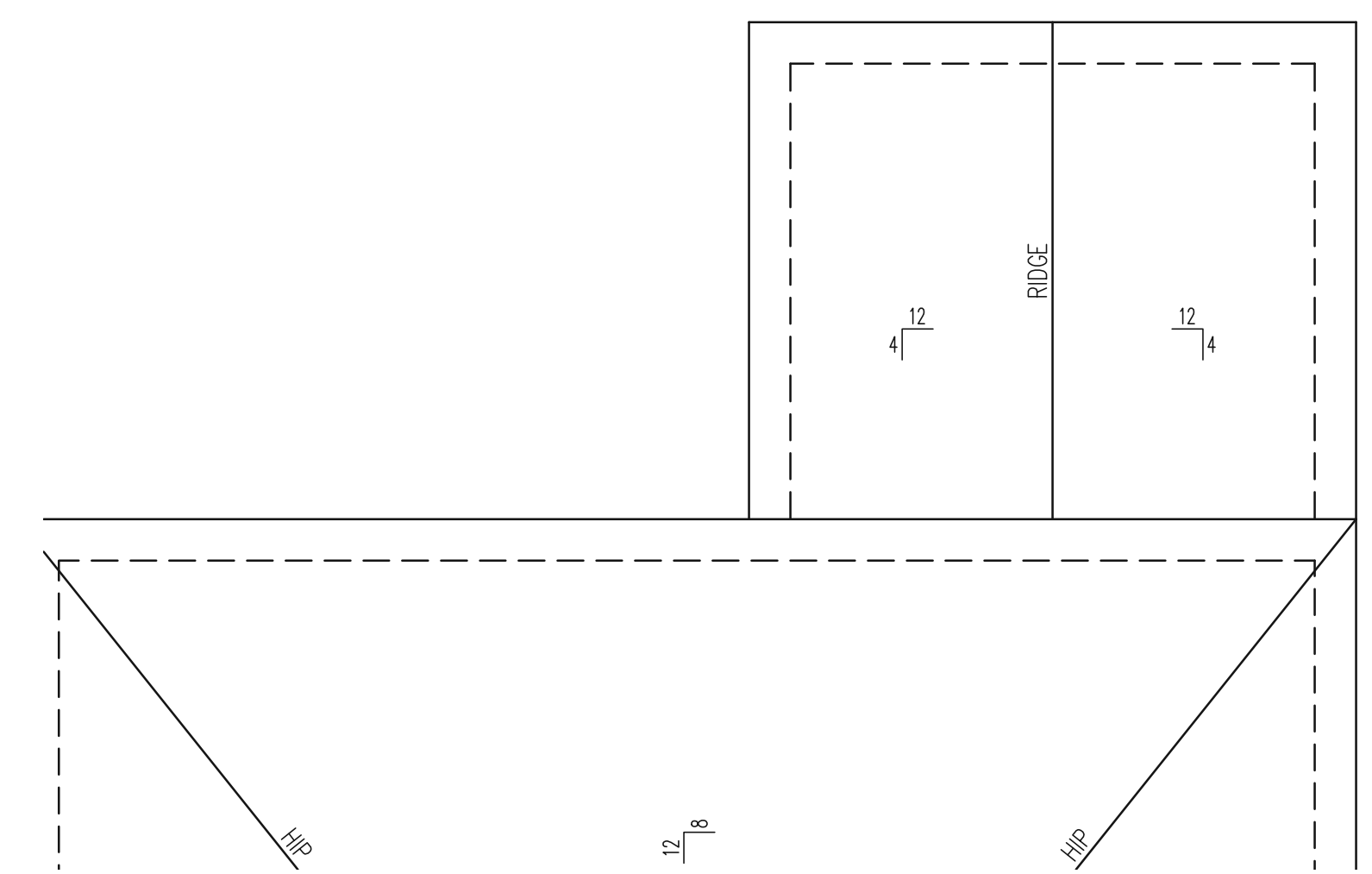
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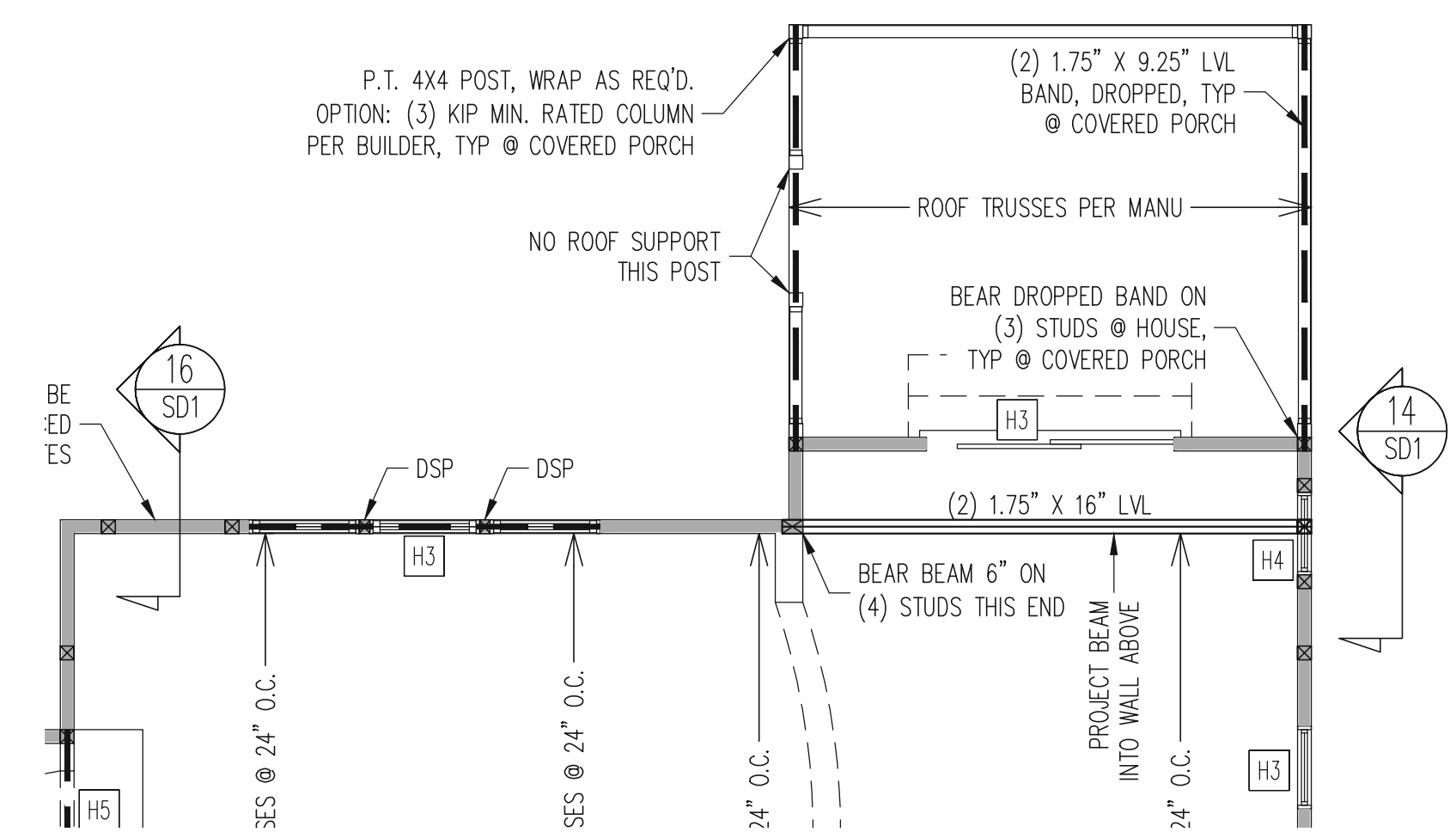
REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

ROOF FRAMING PLAN  
COVERED REAR PORCH OPTION  
COVERED DECK OPTION  
ALL ELEVATIONS  
1/4" = 1'-0"



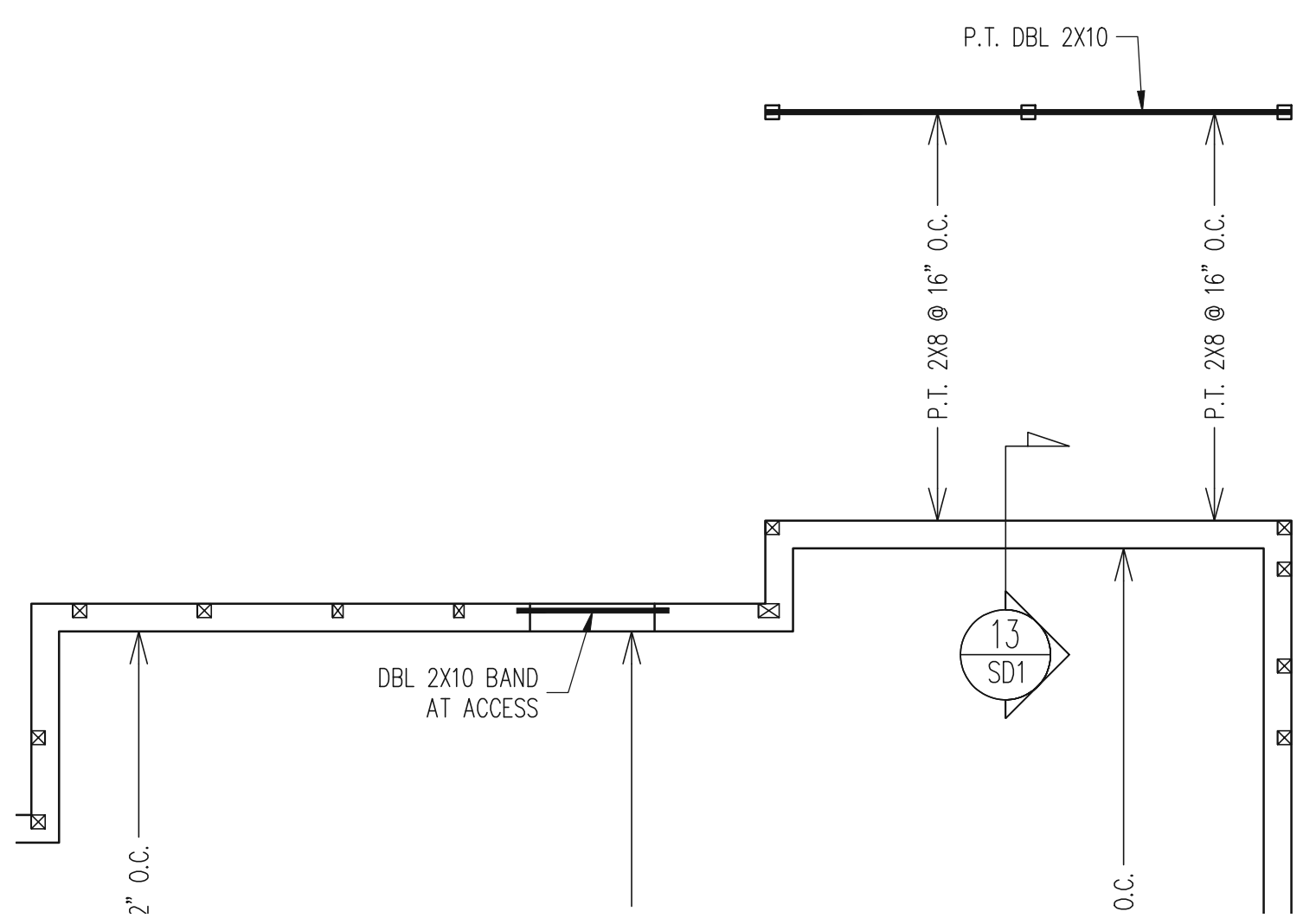
REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

1ST FLOOR FRAMING PLAN  
COVERED REAR PORCH OPTION  
COVERED DECK OPTION  
ALL ELEVATIONS  
WALLS AND CEILING  
1/4" = 1'-0"



REFER TO SHEETS S1-S14  
FOR ALL STRUCTURAL  
NOTES AND SCHEDULES

CRAWL SPACE FRAMING PLAN  
COVERED DECK OPTION  
CLASSIC ELEVATION  
1/4" = 1'-0"



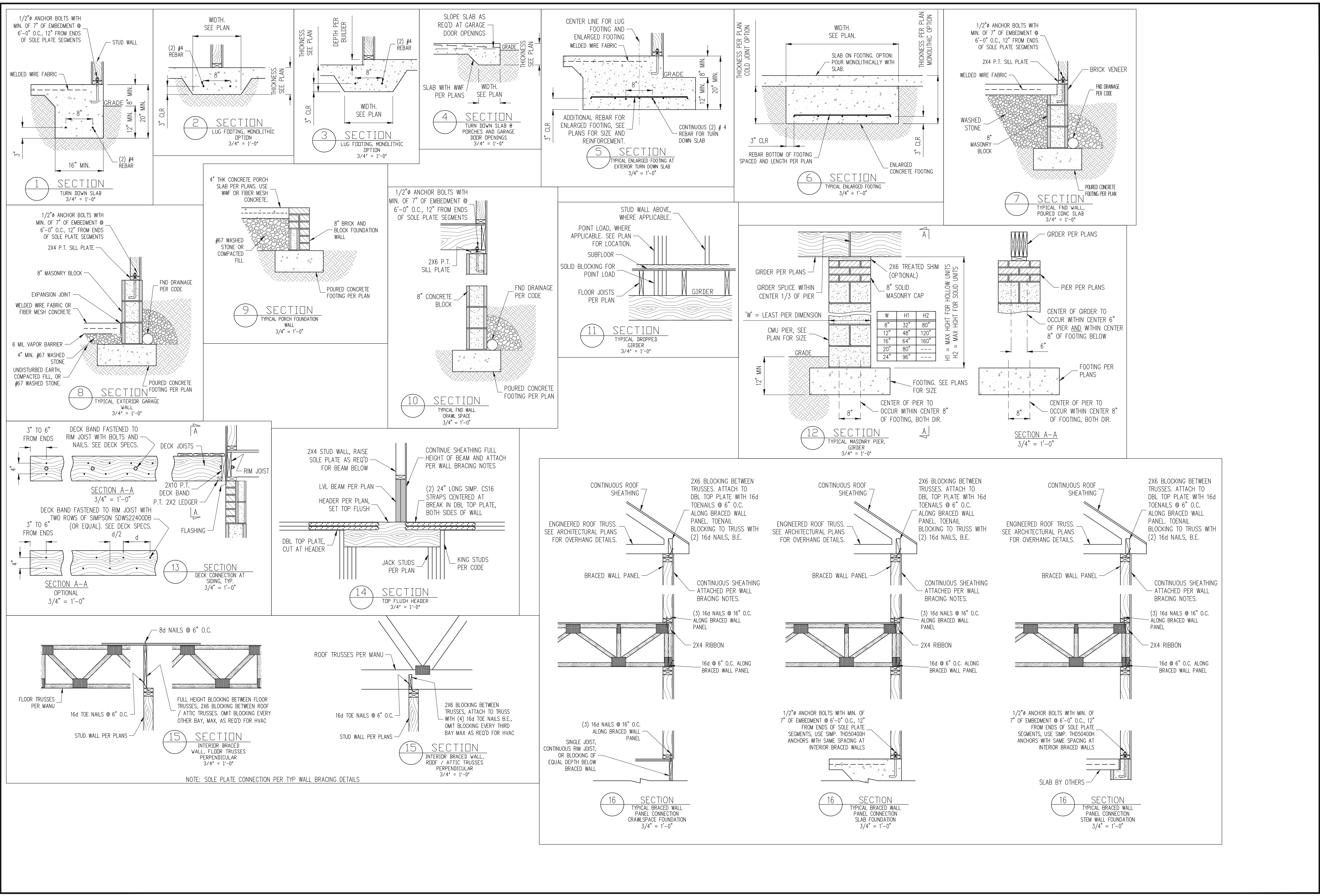
CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN
REV:	REV:
DATE:	2-2-2019

PLAN NO.  
DANIELS LH

PROJECT NO.  
19-29-004L

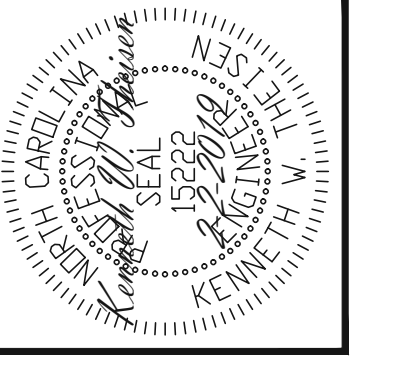
SHEET NO.  
S19

19 of 23



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<b>CLIENT:</b>	MCKEE HOMES
<b>SCOPE:</b>	STRUCTURAL ADDENDUM
<b>LOT #:</b>	ENG. KWT/DTN
<b>REV:</b>	REV.
<b>DATE:</b>	2-22-2019

**PLAN NO.**  
DANIELS LH

**PROJECT NO.**  
19-29-004L

**SHEET NO.**  
SD1

## CONSTRUCTION SPECIFICATIONS

### PART 1: GENERAL

- CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
- STRUCTURAL STEEL SHALL MEET THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- REINFORCED CAST IN PLACE CONCRETE SHALL BE PROPORTIONED, MIXED AND PLACED IN ACCORDANCE WITH THE SPECIFICATIONS OF ACI 318, LATEST EDITION.
- MASONRY CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF ACI 530-95, LATEST EDITION.
- METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

### PART 2: DIMENSIONS

- DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.

### PART 3: DESIGN LOADS

- DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW:

USE	LIVE LOAD (PSF)	DEAD LOAD (PSF)
BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS (INCLUDING SLEEPING ROOMS), ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES	40	10
GARAGES (PASSENGER CARS ONLY)	50	---
ATTICS (NO STORAGE, LESS THAN 5' HEADROOM)	10	10
ATTICS (WITH STORAGE)	20	10
ROOF	20	10 (15 FOR VAULTS)

- NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. IN., WHICHEVER PRODUCES THE GREATER STRESS.  
- GUARD RAILS AND HAND RAILS ARE TO BE DESIGNED FOR A SINGLE CONCENTRATED LOAD OF 200 LB. APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP.  
- BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED.

- INTERIOR WALLS: 5 PSF LATERAL.
- BASIC WIND DESIGN VELOCITY OF 115 MPH.
- LOAD DURATION FACTOR FOR ROOF STRUCTURAL MEMBERS IS 1.15.
- SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE).

### PART 4: MATERIALS

- STRUCTURAL STEEL SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B MINIMUM GRADE. ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 MINIMUM GRADE TYP UNO.
- REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60 TYP UNO.
- SOLID SAWN WOOD FRAMING DESIGN IS BASED ON NO. 2 SPRUCE PINE FIR FOR JOISTS, RAFTERS, WOOD GIRDERS/BEAMS, STUDS, ETC. ALLOWANCE HAS BEEN MADE FOR S1P #2 SUBSTITUTION TYP UNO.
- LVL OR PSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS:  
E= 1.3 x 10<sup>6</sup> PSI, Fb = 2600 PSI, Fv = 285 PSI, Fc = 750 PSI
- LSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS:  
E= 1.3 x 10<sup>6</sup> PSI, Fb = 1700 PSI, Fv = 400 PSI, Fc = 680 PSI
- BOLTS SHALL CONFORM TO ASTM A307 MINIMUM GRADE TYP UNO.
- WELDING ELECTRODES SHALL BE E70XX.
- LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH ANFA STANDARD C-15. ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH ANFA STANDARD C-2 OR BY ANY METHOD GIVING EQUAL PROTECTION. THE BUILDING CODE OFFICE MAY ALSO APPROVE A NATURAL DECAY RESISTANT WOOD PER SECTION 19-6(A).

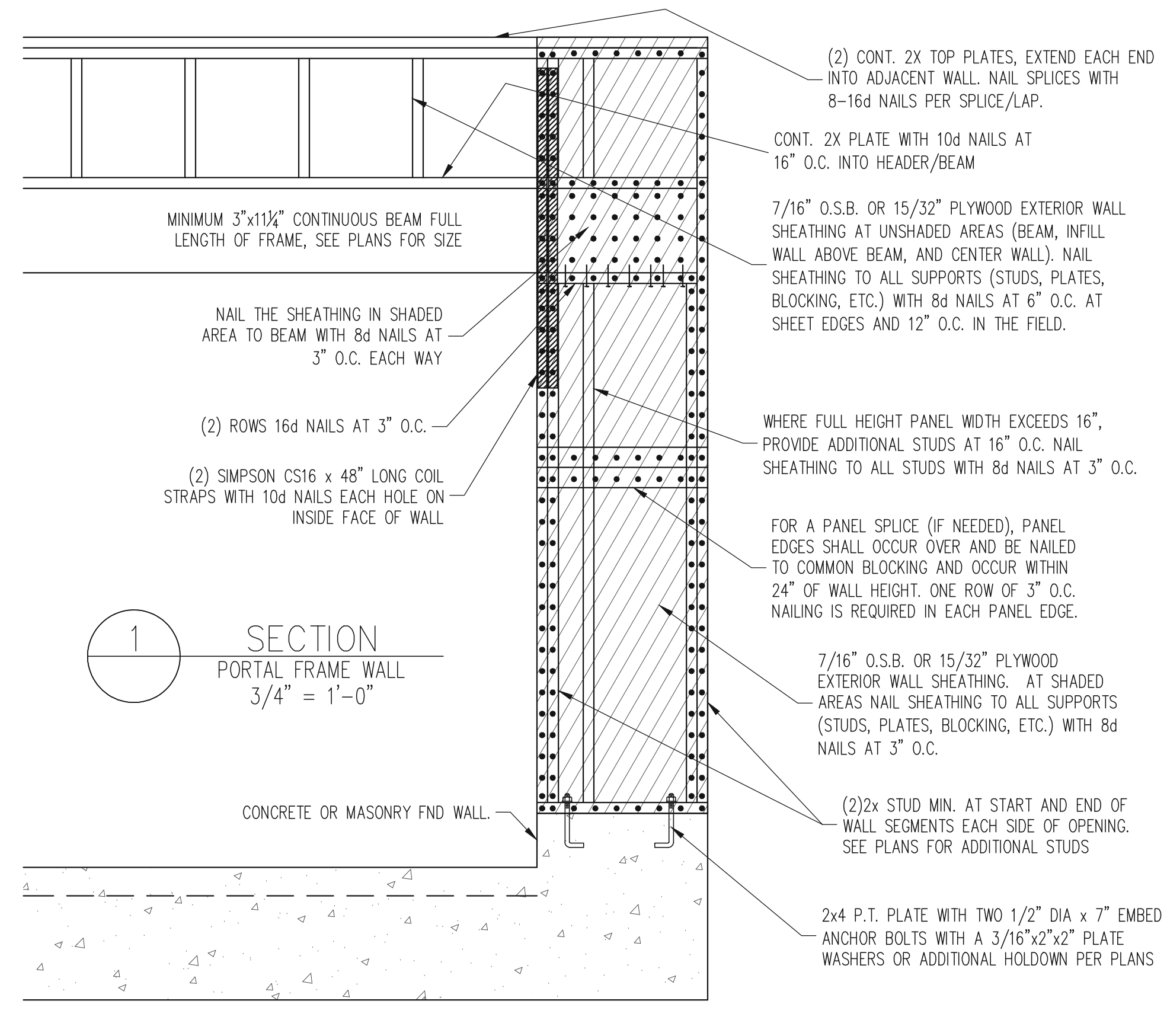
- CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO.
- CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90 OR ASTM C 55.
- MORTAR SHALL BE TYPE S CONFORMING TO ASTM C 476.
- NAILS SHALL BE COMMON WIRE NAILS TYP UNO.
- LAG SCREWS SHALL CONFORM TO ANS/ASME STANDARD B18.21-1981.

### PART 5: CONSTRUCTION

- FLUTCH PLATE BEAMS SHALL CONSIST OF A CONTINUOUS STEEL PLATE BOLTED BETWEEN TWO PIECES OF CONTINUOUS LUMBER AS SIZED ON THE PLANS. BOLT PIECES TOGETHER USING 1/2" # BOLTS SPACED AT 24" O.C. STAGGERED TOP TO BOTTOM OF THE BEAM. MAINTAIN A 2" EDGE DISTANCE. PLACE TWO BOLTS, ONE ABOVE THE OTHER, 6" FROM EACH END OF THE BEAM.
- STEEL LVL AND FLUTCH PLATE BEAMS BEARING ON A STUD WALL PERPENDICULAR TO THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED AND SHALL BE SUPPORTED BY A MINIMUM OF THREE GANGED STUDS, OR A GANGED STUD COLUMN WITH A NUMBER OF STUDS SUCH THAT THE STUD COLUMN IS AT LEAST AS WIDE AS THE BEAM BEING SUPPORTED, WHICHEVER IS GREATER, TYP UNO.
- STEEL LVL AND FLUTCH PLATE BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 4 1/2" ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO.
- SOLID SAWN LUMBER GANGED BEAMS BEARING ON A STUD WALL PERPENDICULAR TO THE BEAM SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED (LESS 1 1/2" TO ALLOW FOR A CONTINUOUS RM JOIST) AND SHALL BE SUPPORTED BY A GANGED STUD COLUMN THE SAME WIDTH AS THE BEAM TYP UNO.
- SOLID SAWN LUMBER GANGED BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 3" ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO.
- EXTRA JOISTS OR SINGLE LVL MEMBERS OF 1.75" OR LESS WIDTH, BEARING ON A STUD WALL PERPENDICULAR TO THE BEAM SHALL BEAR ON THE WALL A MINIMUM OF 2" AND SHALL BE SUPPORTED BY ONE ADDITIONAL STUD.
- SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF 10d NAILS @ 16" O.C.
- LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP UNO.
- STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMNS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CAVITY FORMED BY THE FLOOR JOISTS.
- STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITIES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR OR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS.
- PILOT HOLES SHALL BE USED FOR LAG SCREW INSTALLATION AND SHALL BE BORED ACCORDING TO NDS SPECIFICATIONS.
- ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.
- ALL CONCRETE, INCLUDING CONCRETE FOR FOOTINGS, IS TO BE CAST IN PLACE, TYP UNO.
- BOLTS AND LAG SCREWS USED FOR BOLTING WOOD MEMBERS SHALL HAVE STANDARD WASHERS INSTALLED FOR THE NUTS AND BOLT / SCREW HEADS.

### PART 6: SUBSTITUTIONS

- IN LIEU OF WELDED WIRE FABRIC IN SLABS, SYNTHETIC POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1/2 LBS/CU YD.
- OTHER MATERIAL OR MEMBER SIZE SUBSTITUTIONS REQUIRE THE WRITTEN AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



## DECK SPECIFICATIONS

- A DECK IS AN EXPOSED EXTERIOR WOOD FLOOR STRUCTURE WHICH MAY BE ATTACHED TO A STRUCTURE OR BE FREE STANDING. ROOFED PORCHES, OPEN OR SCREENED IN, MAY BE CONSTRUCTED USING THESE PROVISIONS.
- SUPPORT POSTS SHALL BE SUPPORTED BY A FOOTING.
- WHEN ATTACHED TO A STRUCTURE, THE STRUCTURE TO WHICH ATTACHED SHALL HAVE A TREATED WOOD BAND FOR THE LENGTH OF THE DECK, OR CORROSION RESISTANT FLASHING SHALL BE USED TO PREVENT MOISTURE FROM COMING IN CONTACT WITH THE UNTREATED FRAMING OF THE STRUCTURE. THE DECK BAND AND THE STRUCTURE BAND SHALL BE CONSTRUCTED IN CONTACT WITH EACH OTHER EXCEPT AT BRICK VENEER AND WHERE FLYWOOD SHEATHING IS REQUIRED AND PROPERLY FLASHED. SPONG SHALL NOT BE INSTALLED BETWEEN THE STRUCTURE AND THE DECK BAND. IF ATTACHED TO A BRICK VENEER STRUCTURE, NEITHER FLASHING NOR A TREATED BAND FOR THE BRICK STRUCTURE IS REQUIRED. IN ADDITION, THE TREATED DECK BAND SHALL BE CONSTRUCTED IN CONTACT WITH THE BRICK VENEER.
- WHEN THE DECK IS SUPPORTED AT THE STRUCTURE BY ATTACHING THE DECK TO THE STRUCTURE, THE FOLLOWING ATTACHMENT SCHEDULES SHALL APPLY FOR ATTACHING THE DECK BAND TO THE STRUCTURE.

### A. ALL STRUCTURES EXCEPT BRICK VENEER STRUCTURES

REQUIRED FASTENERS	JOIST LENGTH	
	UP TO 8' MAX.	UP TO 16' MAX.
	ONE- 5/8" # BOLT @ 42" O.C. AND (2) ROWS OF 12d NAILS @ 8" O.C. OR TWO ROWS OF SIMPSON SDWS24000B @ d = 32" O.C. STAGGERED	ONE- 5/8" # BOLT @ 20" O.C. AND (3) ROWS OF 12d NAILS @ 6" O.C. OR TWO ROWS OF SIMPSON SDWS24000B @ d = 16" O.C. STAGGERED

### A. BRICK VENEER STRUCTURES

REQUIRED FASTENERS	JOIST LENGTH	
	UP TO 8' MAX.	UP TO 16' MAX.
	ONE- 5/8" # BOLT @ 28" O.C.	ONE- 5/8" # BOLT @ 16" O.C.

- IF THE DECK BAND IS SUPPORTED BY A 1/2" MINIMUM MASONRY LEDGE ALONG THE FOUNDATION WALL, 5/8" # BOLTS SPACED @ 48" O.C. MAY BE USED FOR SUPPORT.
- OTHER MEANS OF SUPPORT, SUCH AS JOIST HANGERS, MAY BE USED TO CONNECT DECK JOISTS TO A TREATED STRUCTURE BAND.
- ORDERS SHALL BEAR DIRECTLY ON POSTS OR BE CONNECTED TO THE SIDES OF POSTS WITH 2- 5/8" # BOLTS.
- FLOOR DECKING SHALL BE NO. 2 GRADE TREATED SOUTHERN PINE OR EQUIVALENT. THE MINIMUM FLOOR DECKING THICKNESS SHALL BE AS FOLLOWS:

JOIST SPAN	DECKING
12" O.C.	1" S4S
16" O.C.	1" T&G
24" O.C.	1 1/4" S4S
32" O.C.	2" S4S

### 9. MAXIMUM HEIGHT OF DECK SUPPORT POSTS IS AS FOLLOWS:

POST SIZE	MAX POST HEIGHT
4x4	8'
6x6	20'
ENGINEERED	20' +

- NOTES: 1) THIS TABLE IS BASED ON NO. 2 TREATED SOUTHERN PINE POSTS.  
2) THIS TABLE IS BASED ON A MAXIMUM TRIBUTARY AREA OF 128 SQ. FT.  
3) POST HEIGHT IS FROM TOP OF FOOTING TO BOTTOM OF POST.

### 10. DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY BY ONE OF THE FOLLOWING METHODS:

- WHEN THE DECK FLOOR HEIGHT IS LESS THAN 4'-0" AND THE DECK IS ATTACHED TO THE STRUCTURE IN ACCORDANCE WITH SECTION 4, LATERAL BRACING IS NOT REQUIRED.
- 4x4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH DIRECTIONS. THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LESS THAN 1/3 OF THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SHALL BE ANGLED BETWEEN 45° AND 60° FROM THE HORIZONTAL. KNEE BRACES SHALL BE ATTACHED AT THE ENDS TO THE ORDER AND THE POST WITH ONE - 5/8" # BOLT.
- FOR FREE STANDING DECKS WITHOUT KNEE BRACES OR DIAGONAL BRACING, LATERAL STABILITY MAY BE PROVIDED BY EMBEDDING THE POSTS IN CONCRETE IN ACCORDANCE WITH THE FOLLOWING:

POST SIZE	TRIBUT. AREA	POST HEIGHT	EMB. DEPTH	CONC. DIAM.
4x4	48 SQ. FT.	4'-0"	2'-6"	1'-0"
6x6	120 SQ. FT.	6'-0"	3'-6"	1'-0"

- D. 2X6 DIAGONAL VERTICAL CROSS BRACING SHALL BE PROVIDED IN TWO PERPENDICULAR DIRECTIONS FOR FREE STANDING DECKS OR PARALLEL TO THE STRUCTURE AT THE EXTERIOR COLUMN LINE FOR ATTACHED DECKS. THE BRACES SHALL BE ATTACHED TO THE POSTS WITH ONE - 5/8" # BOLT AT EACH END OF THE BRACE.
- NOTES: 1) ALL NAILS AND BOLTS ARE TO BE HOT DIPPED GALVANIZED.  
2) MINIMUM EDGE DISTANCE FOR BOLTS IS 2 1/2".  
3) NAILS MUST PENETRATE THE SUPPORTING STRUCTURE BAND A MINIMUM OF 1 1/2".

## NOTES

ALL WORK IS TO BE DONE IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES. THE BUILDER IS RESPONSIBLE FOR REVIEWING PLANS PRIOR TO CONSTRUCTION. IF ENGINEERING SERVICES HAS BEEN PROVIDED THE BUILDER SHALL VERIFY THAT THE FOUNDATION AND STRUCTURAL PLANS HAVE BEEN SEALED BY AN ENGINEER REGISTERED BY THE STATE. IF THE PLANS HAVE NOT BEEN SIGNED AND SEALED, THE BUILDER SHALL IMMEDIATELY CONTACT ENGINEERING TECH BEFORE PROCEEDING FURTHER. ANY ERRORS DUE TO A FAILURE TO FOLLOW THE ABOVE PROCEDURES SHALL NOT BE THE RESPONSIBILITY OF ENGINEERING TECH. ALL FINAL SETS OF THE SAME PLAN ISSUED TO A BUILDER SHOULD BE REVIEWED FOR UNIFORMITY, ESPECIALLY IF PRIOR SETS OF PLANS HAVE BEEN ISSUED AS STUDY COPIES.

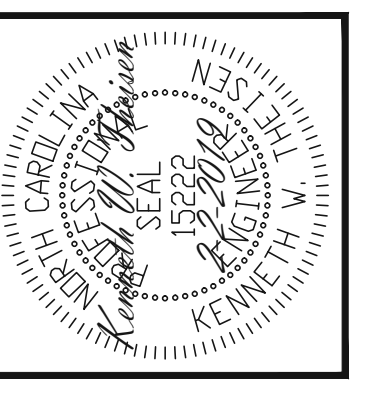
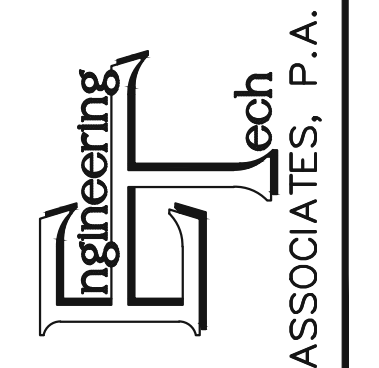
ENGINEERING TECH DOES NOT PERFORM FENESTRATION, ROOF VENT, OR ATTIC CALCULATIONS OR ANY OTHER AREA CALCULATIONS THAT ARE NOT RELATED TO STRUCTURAL ENGINEERING.

TRUSSES TO BE DESIGNED BY AN ENGINEER REGISTERED IN NORTH CAROLINA. FINAL TRUSS DRAWING SHOULD BE SUBMITTED TO ENGINEERING TECH ASSOCIATES, PA FOR REVIEW.

## ABBREVIATIONS

ABV ABOVE	FND FOUNDATION	TJ TRIPLE JOIST
B BOTH	FTG FOOTING	TYP TYPICAL
B.E. BOTH ENDS	HDC HOT DIPPED	TRPL TRIPLE
BTWN BETWEEN	GALV GALVANIZED	TSP TRIPLE STUD POCKET
CONC CONCRETE	HOR HANGER	UNO UNLESS NOTED OTHERWISE
CS CONTINUOUS SHEATHING	LVL LAMINATED VENEER LUMBER	XJ EXTRA JOIST
DIA DIAMETER	NTS NOT TO SCALE	
DBL DOUBLE	O.C. ON CENTER	
DJ DOUBLE JOIST	PSL PARALLEL STRAND LUMBER	
DSP DBL STUD POCKET	EA EACH	
EQ EQUAL	PT PRESSURE TREATED	
EA EACH	QJ QUAD JOIST	
FLG FLANGE	SP STUD POCKET	
FL PL FLUTCH PLATE	SQ SQUARE	
FLR FLOOR		

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CLIENT:	MCKEE HOMES
SCOPE:	STRUCTURAL ADDENDUM
LOT #:	ENG: KWT/DTN
DATE:	REV: 2-2-2019

PLAN NO.  
DANIELS LH

PROJECT NO.  
19-29-004L

SHEET NO.  
SD2  
23 of 23