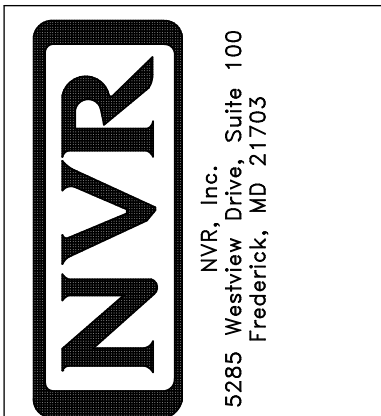


NOTE
 RADON REMEDIATION
 RADON LOOP:
 - (4") PERFORATED HDPE "LOOP"
 - MUST BE PLACED IN STONE BED SLIGHTLY HIGHER THAN ANY INTERIOR DRAINTILE
 - LOOP TO BE SEPARATE FROM ANY DRAINTILE ELEMENTS
 - TO BE CORRUGATED HDPE PIPE
 - SCREWS TO BE INSTALLED THROUGH LOOP AT TEE UP INTO STACK
STACK REQUIREMENTS:
 - 3" PVC STACK (4" IF BASEMENT IS GREATER THAN 2200 SQFT.)
 - NO PART OF STACK IS TO BE HORIZONTAL
 - PIPE TO BE PHYSICALLY LABELED IN THE FIELD AS "RADON VENT" OR OTHER JURISDICTIONALLY REQUIRED LANGUAGE (ON EVERY LEVEL OF HOUSE)
 - ROOF TERMINATION TO BE IN TOP 1/3 OF ROOF
 - SCREEN INSTALLED TO KEEP PESTS OUT OF RADON VENT AT ROOF TERMINATION

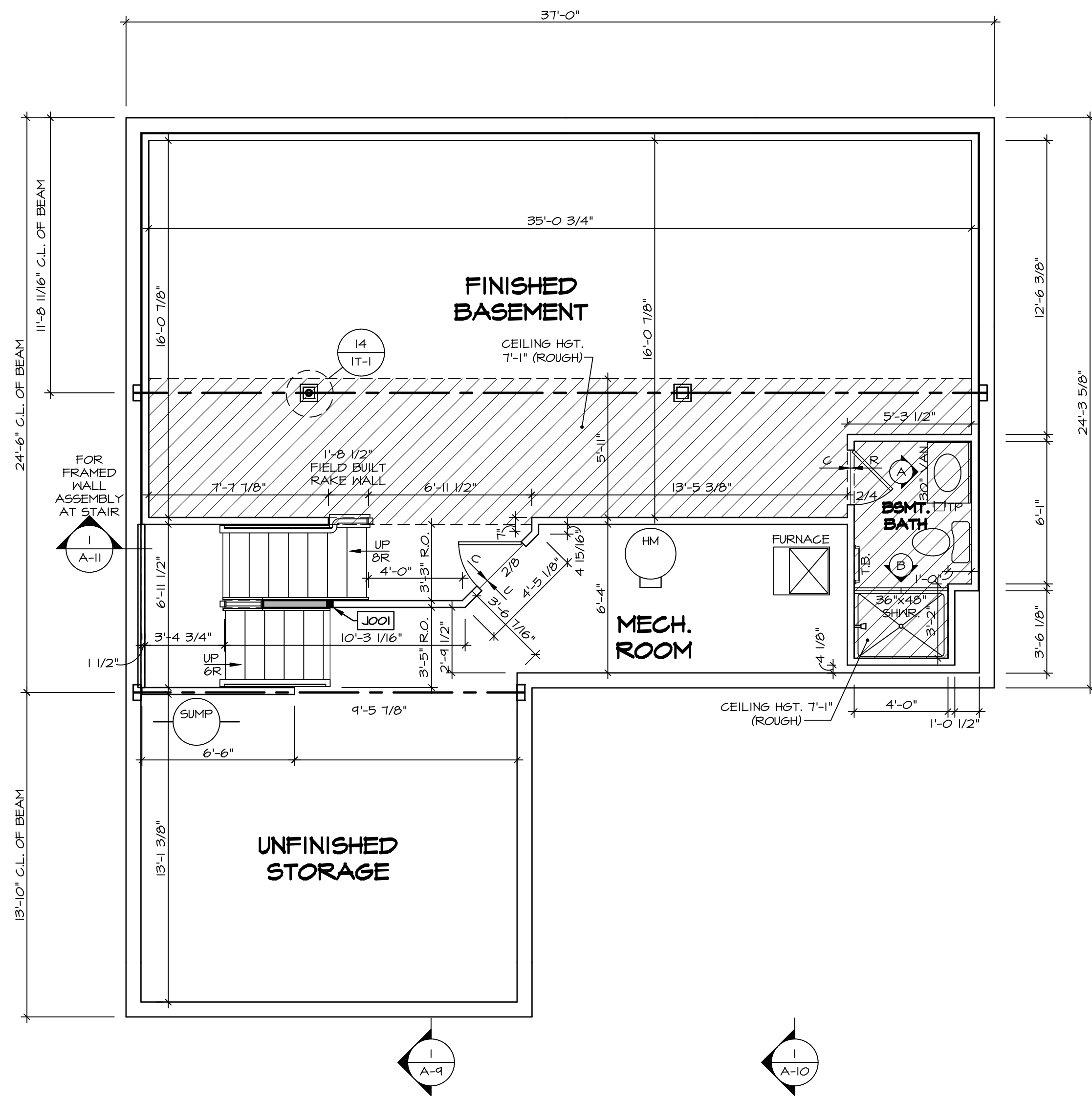
PLUMBING PLAN
 SCALE: 1/4" = 1'-0"

SHEET NO. A-5	MODEL COLUMBIA	SET NO. CLMOO	VERSION 01
	DRAWING TITLE PLUMBING PLAN	DRAWN BY JAB	
	OPTION DESCRIPTION GROUNDWORKS	DATE:	OPTION
23			



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REV. NO.	DATE	REMARKS



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

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

- FLOOR PLAN NOTES**
1. ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
 2. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
 3. ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ T-PLY, ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
 4. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
 5. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
 6. SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
 7. SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
 8. ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
 9. ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2x4 OR 2x6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
 10. TANKED WATER HEATER SHOWN AS BASE CONDITION. OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSUM NOTES

AT GARAGE:
GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

BASEMENT JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J001	JACK - (2) 2X4 SFF STUD GRADE	FBA	BO031	

REVISIONS

REV. NO.	DATE	REMARKS

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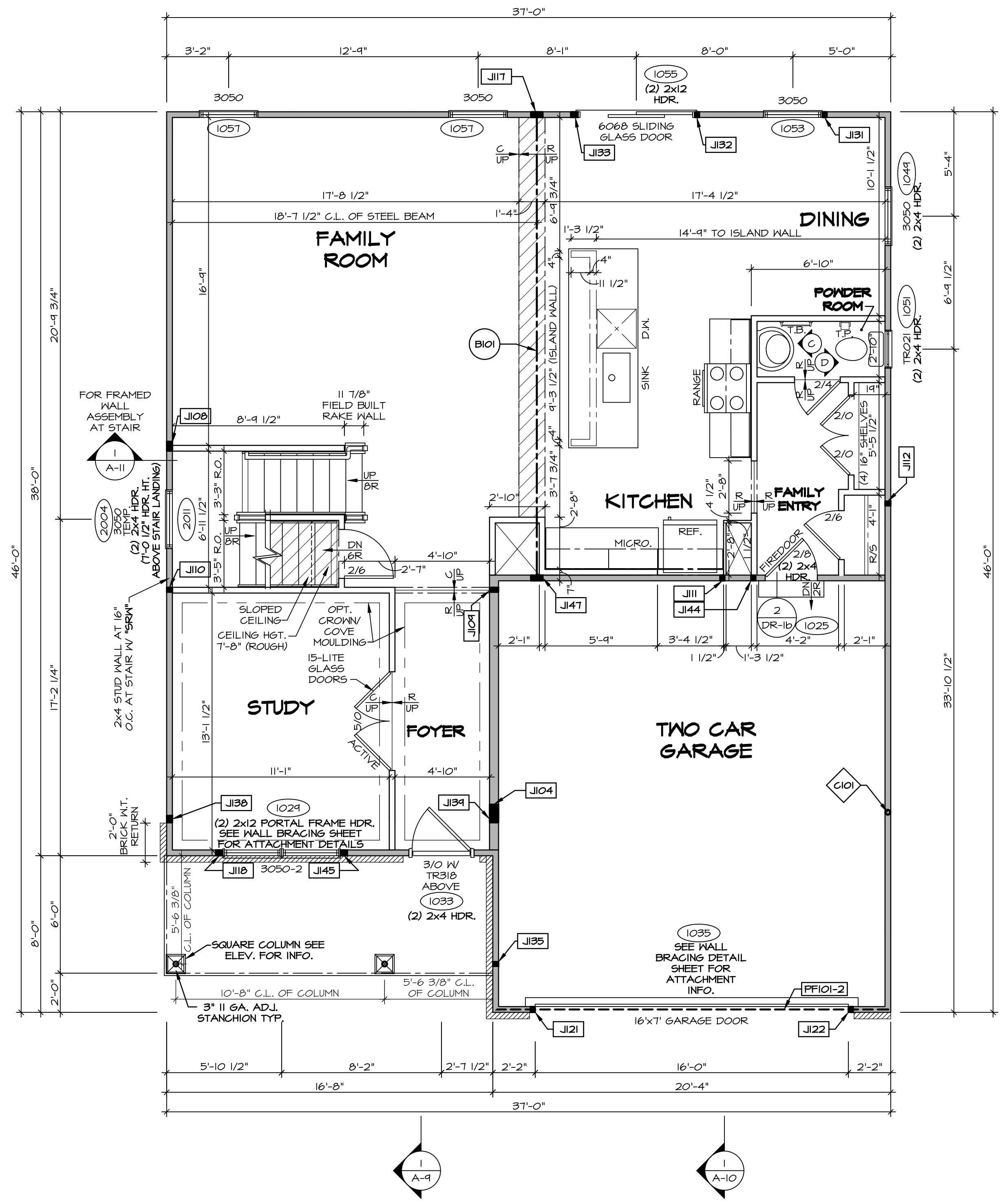
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5285 Washburn Lane

SET NO. CLM00
VERSION 01
DRAWN BY CVB
DATE:
OPTION FBA

MODEL COLUMBIA
DRAWING TITLE BASEMENT FLOOR PLAN
OPTION DESCRIPTION BASEMENT FOUNDATION

SHEET NO. A-6
26

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

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 W/ 2x4 WALLS OR (3) 2x6 W/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS TO BE 4" W/ OSB OR 3 1/2" W/ T-PLY, ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
 - HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
 - SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
 - SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
 - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
 - ALL WINDOWS HAVE T-O 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
 - ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2x4 OR 2x6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
 - TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSUM NOTES

AT GARAGE:
GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

NOTE:
EXTERIOR WALLS DRAIN TO FRAMING WIDTH, EXTERIOR SHEATHING IS NOT INCLUDED IN WALL THICKNESS.

LVL PLY TO PLY FASTENING SCHEDULE: (WHERE APPLICABLE BASED ON LVL USAGE)

- (2) PLY UP TO AND INCLUDING 11 7/8" TALL; FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (3) ROWS 12D NAILS AT 12" O.C.
- (2) PLY 14" TO AND 18" TALL (INCLUSIVE); FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (4) ROWS 12D NAILS AT 12" O.C.
- (2) PLY 20" TALL AND OVER; FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (5) ROWS 12D NAILS AT 12" O.C.
- (3) PLY UP TO AND INCLUDING 11 7/8" TALL; FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (3) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.
- (3) PLY 14" TO AND 18" TALL (INCLUSIVE); FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (4) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.
- (3) PLY 20" TALL AND OVER; FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL FASTEN PLYS W/ (5) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.
- (4) PLY (ALL SIZES); FASTEN PLYS W/ (2) ROWS 1/2" DIAMETER A307 BOLTS AT 24" O.C. SEE SHOP DRAWING FOR ADDITIONAL INFORMATION.

FIELD INSTALLED FIRST FLOOR BEAM/HEADER SCHEDULE

IDENTIFIER	DESCRIPTION	LENGTH	OPTIONS	ENG. NUM.	REMARKS
B101	BEAM STEEL - W12X30	23'-10 3/4"		1023	
PF101-2	LVL 1.75 - 11-04	20'-1"	GCB/ GCF	1035	

STEEL COLUMN SCHEDULE

IDENTIFIER	STYLE	HEIGHT	OPTIONS	ENG. NUM.	REMARKS
C101	STANCHION - 3 IN SCHED 40	9'-6"	GCB/ GCF, ELA/ ELB/ ELK/ ELL, SXG, FBA/ FCA	1006	

FIRST FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J104	JACK - (5) 2x6 SPF STUD GRADE	SXG, ELB/ ELL	1006	
J108	JACK - (4) 2x4 SPF STUD GRADE		1014	
J109	JACK - (2) 2x6 SPF STUD GRADE		1016	
J110	JACK - (2) 2x4 SPF STUD GRADE		1016	
J111	JACK - (2) 2x4 SPF STUD GRADE		1018	
J112	JACK - (2) 2x4 SPF STUD GRADE		1020	
J117	JACK - (5) 2x4 SPF#1		1023	
J118	JACK - (3) 2x4 SPF STUD GRADE		1021	
J121	JACK - (2) 2x4 SPF STUD GRADE	GCB/ GCF	1035	
J122	JACK - (2) 2x4 SPF STUD GRADE	GCB/ GCF	1035	
J131	JACK - (2) 2x4 SPF STUD GRADE		1053	
J132	JACK - (2) 2x4 SPF STUD GRADE		1053	
J133	JACK - (3) 2x4 SPF STUD GRADE		1055	
J135	JACK - (2) 2x4 SPF STUD GRADE		1063	
J138	JACK - (3) 2x4 SPF#1	ELB/ ELL	2010	
J139	JACK - (3) 2x6 SPF STUD GRADE	ELB/ ELL	2010	
J144	JACK - (2) 2x4 SPF STUD GRADE		1018	
J145	JACK - (3) 2x4 SPF STUD GRADE		1021	
J147	JACK - (5) 2x4 SPF#1		1023	

REMARKS

REV. NO. DATE DESCRIPTION

1 1/4/19 DRA - ADDED GENERAL NOTE FOR EXTERIOR WALLS

2 05/20/19 SLS - PAR #51650

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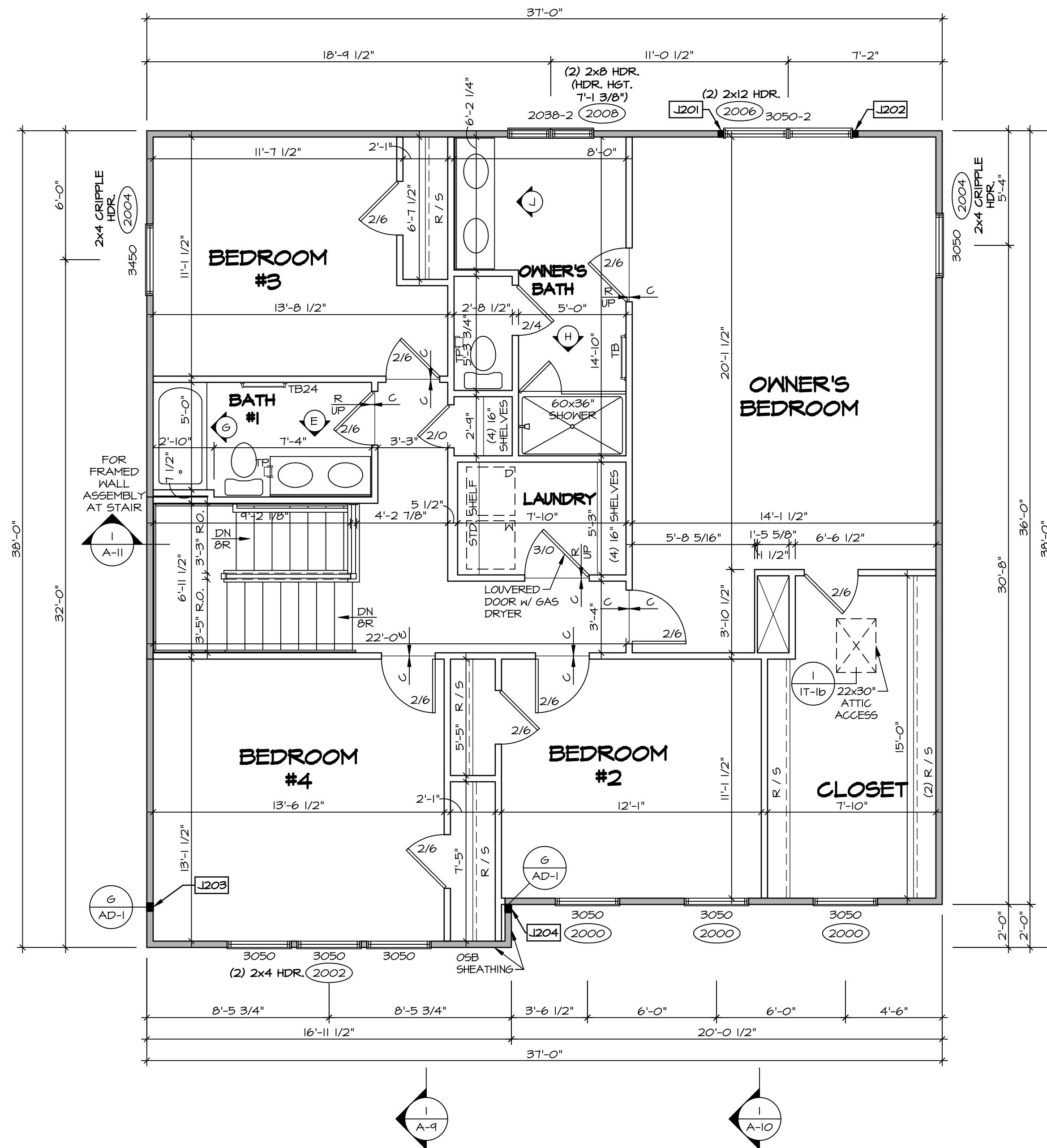
SET NO. CLM00
VERSION 01
DRAWN BY: ARY
DATE:
OPTION

MODEL: COLUMBIA
DRAWING TITLE: FIRST FLOOR PLAN
OPTION DESCRIPTION

SHEET NO. **A-7**

27

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

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

NOTE:
EXTERIOR WALLS DRAWN TO FRAMING WIDTH, EXTERIOR SHEATHING IS NOT INCLUDED IN WALL THICKNESS.

- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ T-PLY, ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED.
 - HATCHED AREAS INDICATE DROPPED CEILING. ALL DROPPED CEILING ARE 12" UNLESS OTHERWISE NOTED.
 - SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
 - SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
 - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
 - ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
 - ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2x4 OR 2x6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
 - TANKED WATER HEATER SHOWN AS BASE CONDITION. OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

GYPSON NOTES

AT GARAGE:
GYPSUM BOARD AT COMMON WALLS, CEILING, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

SECOND FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	OPTIONS	ENG. NUM.	REMARKS
J201	JACK - (2) 2X4 SPF STUD GRADE		2006	
J202	JACK - (2) 2X4 SPF STUD GRADE		2006	
J203	JACK - (3) 2X4 SP#1	ELB/ ELL	2010	1/8"x3 1/2"x4 1/2" STEEL BEARING PLATE, EXTEND THRU TOP PLATE
J204	JACK - (3) 2X4 SP#1	ELB/ ELL	2010	1/8"x3 1/2"x4 1/2" STEEL BEARING PLATE, EXTEND THRU TOP PLATE

REVISIONS

REV. NO.	DATE	DESCRIPTION
1	1/4/19	DRA - ADDED GENERAL NOTE FOR EXTERIOR WALLS

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VERSION 01
DRAWN BY: ARY
DATE:
OPTION

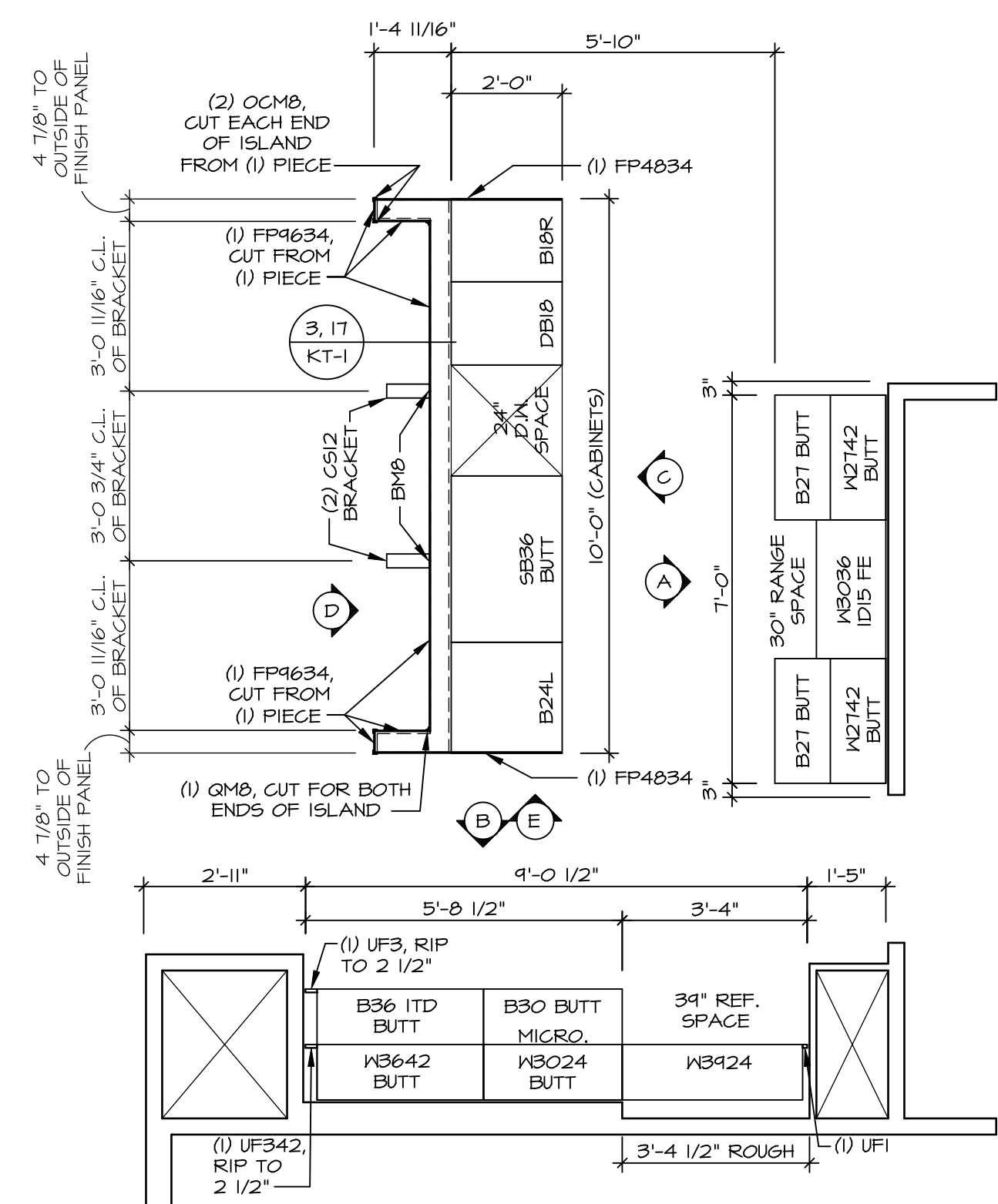
MODEL: COLUMBIA
DRAWING TITLE: SECOND FLOOR PLAN
OPTION DESCRIPTION

SHEET NO. **A-8** OF 31

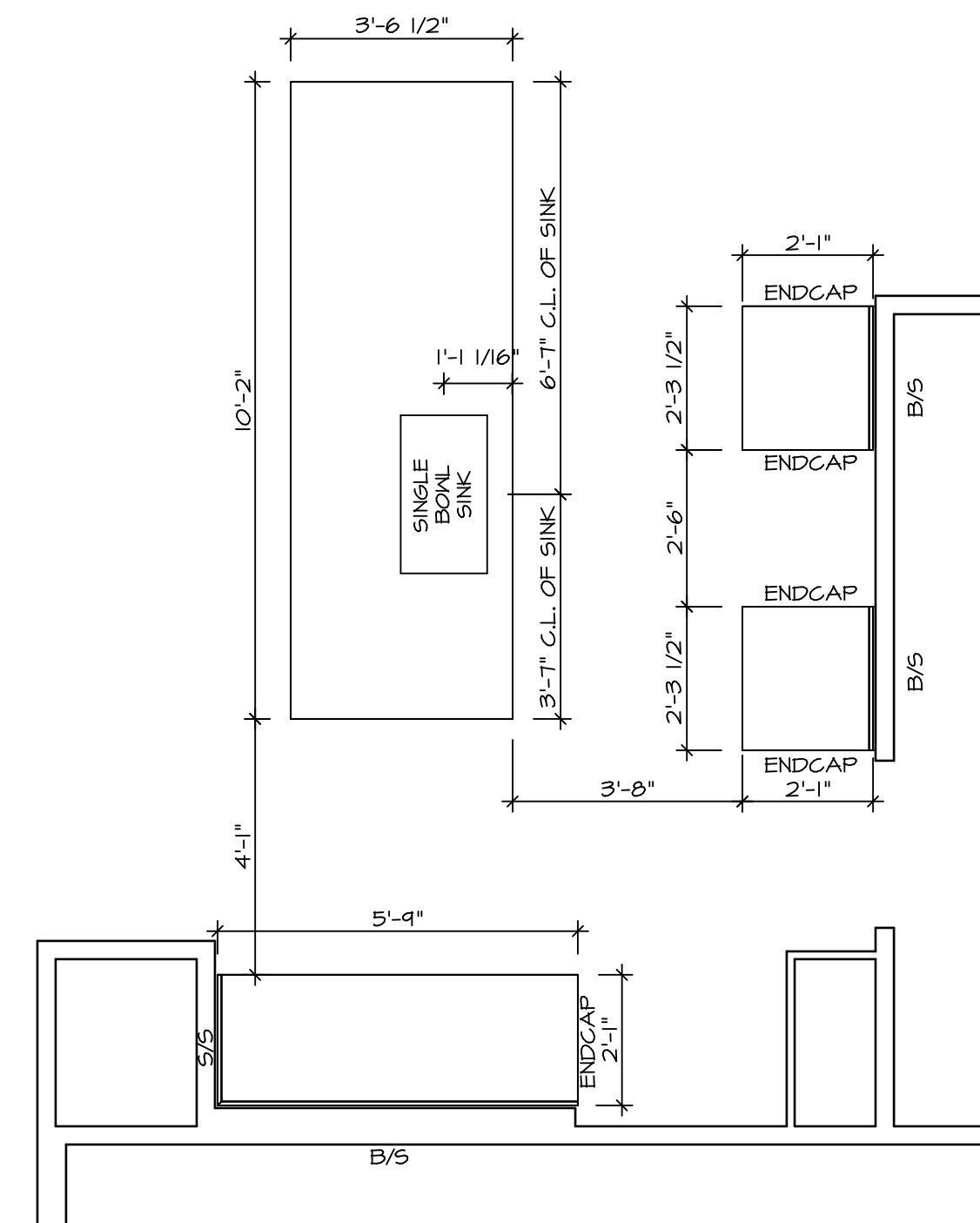
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NOTE:
CABINET LAYOUT(S) ARE
BASED ON FINISHED
DIMENSION TO DRYWALL.

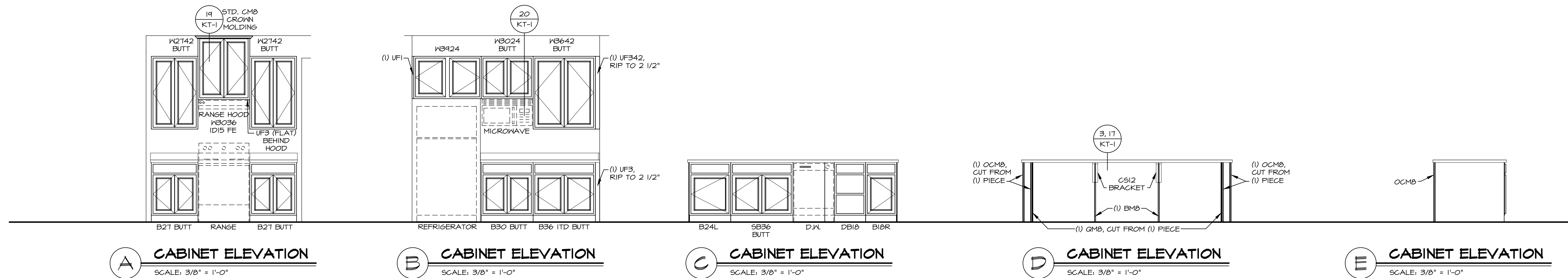
NOTE:
KITCHEN ELEVATIONS/PLANS CALL
OUT STANDARD MOLDING. REFER TO
DETAIL 11/CT-1 FOR REPLACEMENT
BASED ON CABINET STYLE.



1 KITCHEN CABINET LAYOUT KC-3521
SCALE: 3/8" = 1'-0" APPLIANCE LAYOUT W/ RANGE "KAA"



2 KITCHEN COUNTERTOP LAYOUT KC-3521
SCALE: 3/8" = 1'-0" APPLIANCE LAYOUT W/ RANGE "KAA"



A CABINET ELEVATION
SCALE: 3/8" = 1'-0"

B CABINET ELEVATION
SCALE: 3/8" = 1'-0"

C CABINET ELEVATION
SCALE: 3/8" = 1'-0"

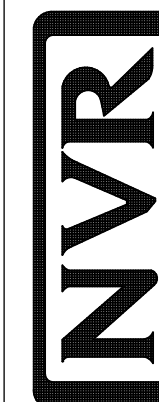
D CABINET ELEVATION
SCALE: 3/8" = 1'-0"

E CABINET ELEVATION
SCALE: 3/8" = 1'-0"

REMARKS

REV. NO. DATE

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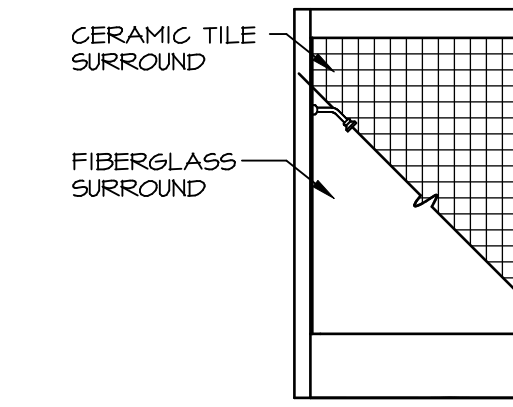
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Frederick, MD 21703

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VERSION 01
DRAWN BY ARY
DATE:
OPTION

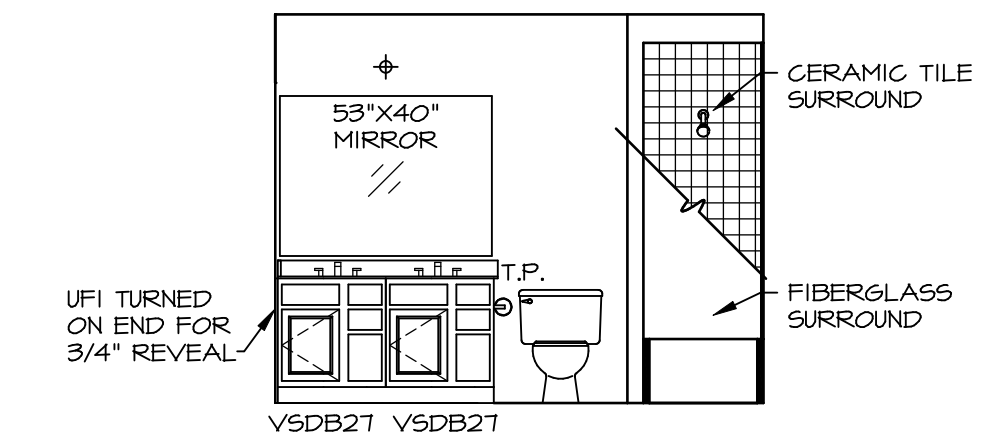
MODEL
COLUMBIA
DRAWING TITLE
KITCHEN PLAN AND ELEVATION
OPTION DESCRIPTION

NOTES:

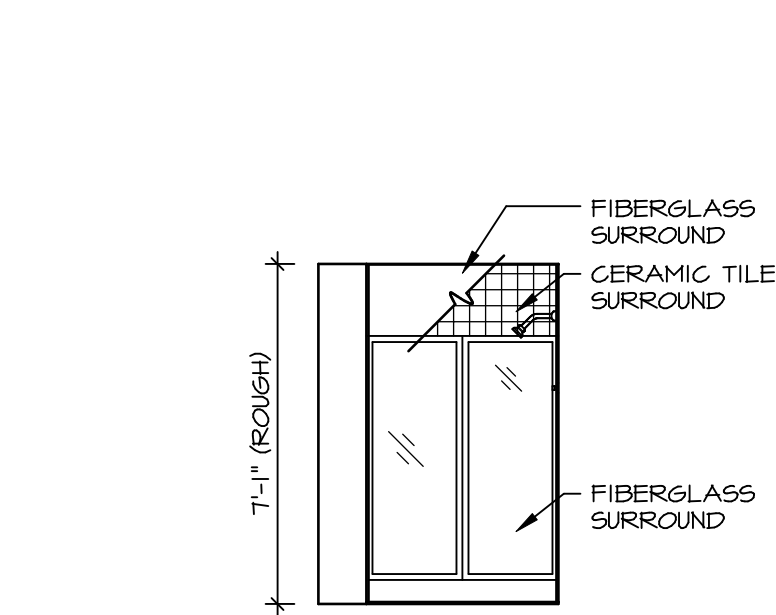
1. TEMPERED GLASS SHOWER ENCLOSURE WITH SWING DOOR OR OPTIONAL SLIDING DOOR BY DIVISION
2. TUB ACCESS PANELS PROVIDED AS NEEDED, ALL MATERIALS BY DIVISION
3. REFER TO SHEET D-XX FOR TUB AND SHOWER DETAILS.
4. ALL V5DB24-42 DRAWERS TO BE SET ON RIGHT HAND.
5. ALL BATH ELEVATIONS ARE SHOWN PER PLAN.



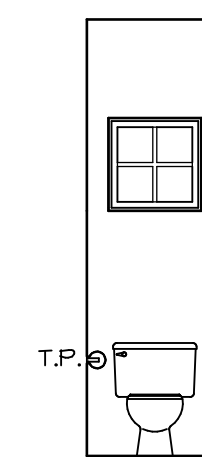
BATH #1
SCALE: 1/4" = 1'-0"



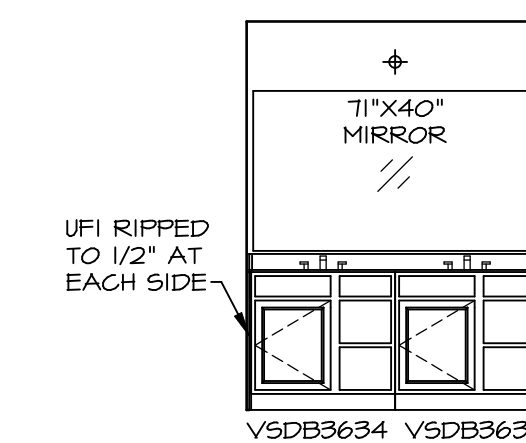
BATH #1
SCALE: 1/4" = 1'-0" DOUBLE BOWL VANITY "VVD"



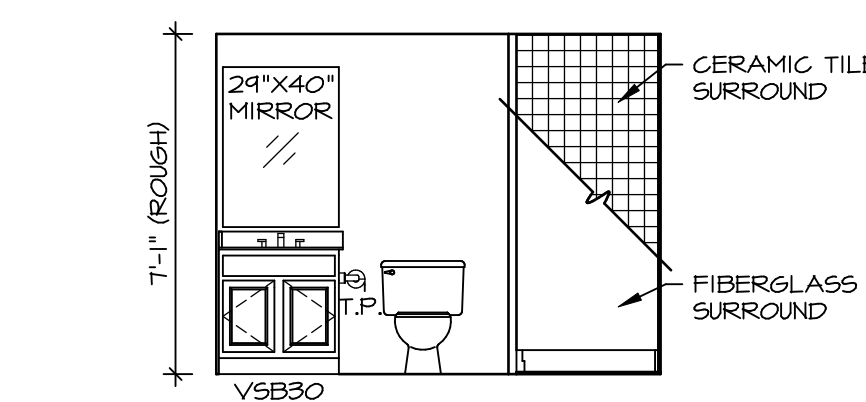
B BASEMENT BATH
SCALE: 1/4" = 1'-0" BASEMENT BATH "AEB"



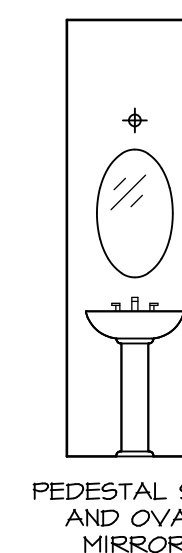
D POWDER ROOM
SCALE: 1/4" = 1'-0"



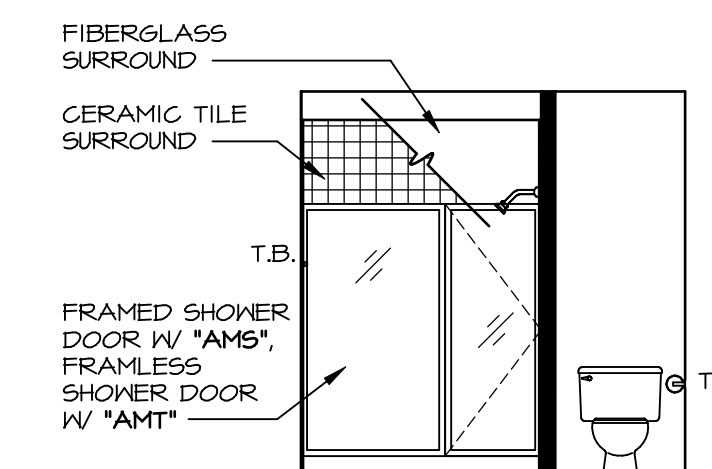
J OWNER'S BATH
SCALE: 1/4" = 1'-0" OWNER'S BATHROOM SHOWER "AMA"



A BASEMENT BATH
SCALE: 1/4" = 1'-0" BASEMENT BATH "AEB"



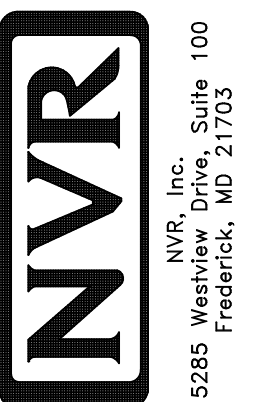
C POWDER ROOM
SCALE: 1/4" = 1'-0"



H OWNER'S BATH
SCALE: 1/4" = 1'-0" OWNER'S BATHROOM SHOWER "AMA"

REV. NO.	DATE	REMARKS

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MODEL	COLUMBIA	SET NO.	CLM00
DRAWING TITLE	BATH ELEVATIONS	VERSION	01
DRAWN BY	ARM	DATE:	OPTION
OPTION DESCRIPTION			