

SPECIFICATIONS

DIVISION 9: FINISHES
SECTION 09 29 00
GYPSUM BOARD

Part 1 - GENERAL
1.1 SECTION INCLUDES
A. STANDARD GYPSUM BOARD
B. FIRE-RESISTANCE RATED GYPSUM BOARD
C. FIRE RESISTANCE RATED - MOISTURE RESISTANT GYPSUM BOARD

PART 2 - SCOPE
1.1 SCOPE: FURNISH AND INSTALL GYPSUM WALL BOARD AS A SUBSTRATE FOR THE INTERIOR FINISH MATERIALS ON INTERIOR WALLS AS SHOWN ON DRAWINGS. FURNISH AND INSTALL GYPSUM WALL BOARD SUSPENDED CEILING WITH HANGERS AND SUPPORTS.

1.2 MATERIALS: MATERIAL NAMES ARE BASED ON A NATIONAL GYPSUM GOLD BOND STA-SMOOTH BEVEL EDGE SYSTEM BY U.S. GYPSUM.

WALLS EXCEPT WHERE NOTED: 1/2" STA-SMOOTH GYPSUM WALL BOARD

WALLS WHERE NOTED: MOISTURE RESISTANT (MR) GYPSUM WALL BOARD WITH FEATHER EDGES

DROPPED CEILING WHERE NOTED: 1/2" STA-SMOOTH GYPSUM WALL BOARD

FIRE RATED WHERE NOTED: 5/8" FIRE RATED GYPSUM WALL BOARD
5/8" FIRE RATED MR GYPSUM WALL BOARD

FASTENERS:
A. 1-1/4" LONG TYPE-W DRYWALL SCREWS TO WOOD STUDS.
B. 1-1/4" LONG TYPE-S DRYWALL SCREWS TO INTERIOR METAL STUDS.
C. 1-1/4" LONG TYPE-S12 CORROSION RESISTANT SCREWS FOR EXTERIOR GYPSUM SHEATHING TO METAL STUDS.
D. JOINT TREATMENT COMPOUND SHALL BE READY MIXED JOINT TAPE SHALL BE CROSS-BRIDGED PERFORATED FEATHER EDGED CORNER BEADS SHALL BE GALVANIZED STEEL ROLL-FORMED U-SHAPED CHANNELS.
E. HANGERS AND SUPPORTS: 2X4 WOOD FRAMING. SUBSTITUTION: FOR STEEL TRUSS BUILDINGS 1-1/2" CARRYING CHANNELS, 3/4" FURRING CHANNELS, 8 GAUGE HANGER WIRES, 16 GAGE TIE WIRES, AND 1" TYPE S SCREWS.

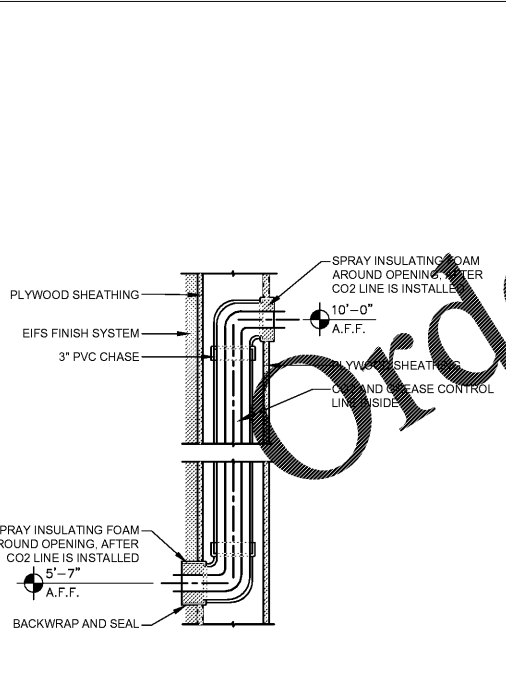
PERFORMANCE
1. INSTALLATION
A. CUTTING WALLBOARD: GYPSUM WALLBOARD SHALL BE CUT BY SCORING AND BREAKING OR BY SAWING, WORKING FROM THE FACE SIDE. WHERE BOARD MEETS PROJECTING SURFACES, IT SHALL BE SCRIBED NEATLY.
B. INSTALLING WALLBOARD: GYPSUM WALLBOARD SHALL BE APPLIED AT RIGHT ANGLES TO FRAMING MEMBERS. BOARDS OF MAXIMUM PRACTICAL LENGTH SHALL BE USED SO THAT AN ABSOLUTE MINIMUM NUMBER OF END JOINTS OCCUR. WALLBOARD JOINTS AT OPENINGS SHALL BE LOCATED SO THAT NO END JOINT SHALL ALIGN WITH EDGES OF OPENINGS. END JOINTS SHALL BE STAGGERED.
C. FASTENING WALLBOARD: ATTACH WITH SCREWS OR NAILS SPACED APPROXIMATELY 8" O.C. THE NAILS SHALL BE DRIVEN HOME WITH THE HEAD SLIGHTLY BELOW THE SURFACE OF THE BOARD IN A DIMPLE FORMED BY THE DRIVING TOOL.
D. FASTENING EXTERIOR GYPSUM SHEATHING: ATTACH TO METAL STUDS WITH SCREWS @ 12" O.C. WITH HEAD FLUSH WITH SURFACE.
E. JOINTS FINISHING: JOINT COMPOUND, QUICK-TREAT, AND TOPPING COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH PRINTED INSTRUCTIONS CONTAINED IN THE PACKAGE. A UNIFORMLY THIN LAYER OF JOINT COMPOUND SHALL BE APPLIED OVER THE JOINT UNDER THE TAPE TO PROVIDE PROPER BOND. CEILING AND WALL ANGLES AND INSIDE CORNER ANGLES SHALL BE REINFORCED WITH THE TAPE FOLDED TO CONFORM TO THE ANGLE AND EMBEDDED IN THE COMPOUND.
F. THE COMPOUND IS THOROUGHLY DRY, APPROXIMATELY TWENTY FOUR (24) HOURS FOR REGULAR COMPOUND, 2-1/2 HOURS FOR QUICK TREAT. THE TAPE SHALL BE COVERED WITH A COAT OF JOINT COMPOUND OR TOPPING COMPOUND SPREAD OVER THE TAPE APPROXIMATELY 3" ON EACH SIDE OF TAPE, AND FEATHERED OUT AT THE EDGE. AFTER THOROUGHLY DRY, APPLY ANOTHER COAT OVER JOINTS. THIS COAT SHALL BE SMOOTH AND THE EDGES FEATHERED APPROXIMATELY 3" BEYOND THE PREVIOUS COAT. ALLOW EACH APPLICATION OF COMPOUND TO JOINTS AND NAIL HEADS TO DRY, THEN SAND IF NECESSARY. ALL WALLBOARD AND TREATED AREAS SHALL BE SMOOTH AND READY FOR PAINTING OR WALLCOVERING.

FRAMING SYMBOLS

- (A) 2X4 FRAMING @ 16" O.C.
 - (B) 2X6 FRAMING @ 24" O.C.
 - (C) 2X8 FRAMING @ 24" O.C.
 - (D) 2X6 FRAMING @ 16" O.C. W/ 2 LAYERS TYPE X GWB
- 1 DOOR NUMBER SEE SHEET A-10 FOR DETAILS
- 6 DETAIL NUMBER
A12 SHEET NUMBER
- SECTION DETAIL - ARROW INDICATES DIRECTION OF VIEW
- XXX DEMOTES BLOCKING AS REQUIRED

1 FLOOR PLAN

Scale: 1/4"=1'-0"



2 CO2 CHASE DETAIL

Scale: 1-1/2"=1'-0"

WALL TYPES:

W-1 INTERIOR WALL:
2X4 WOOD STUDS AT 16" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA; 1/2" GYPSUM BOARD AT NON-TILED WALL AREAS (RESTROOM SIDE).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN/DINING ROOM SIDE).
SEE SHEETS A2 (INTERIOR FINISHES).

W-2 INTERIOR WALL:
2X6 WOOD STUDS AT 18" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA; 1/2" GYPSUM BOARD AT NON-TILED WALL AREAS (RESTROOM SIDE).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN/DINING ROOM SIDE).
SEE SHEETS A2 (INTERIOR FINISHES).

W-3 RESTROOM WALL:
2X4 WOOD STUDS AT 16" O.C., SECURED TO SLAB. (DOUBLE STUDS @ RESTROOM JOINING WALL)
2X6 WOOD STUDS AT 18" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA; 1/2" GYPSUM BOARD AT NON-TILED WALL AREAS (RESTROOM SIDE).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN/DINING ROOM SIDE).
SEE SHEETS A2 (INTERIOR FINISHES).

W-4 RESTROOM WALL:
2X6 WOOD STUDS AT 18" O.C., SECURED TO SLAB.
3-1/2" UN-FACED SOUND BATT INSULATION, FULL HEIGHT OF FINISHED WALL.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA; 1/2" GYPSUM BOARD AT NON-TILED WALL AREAS (RESTROOM SIDE).
1/2" GYPSUM BOARD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN/DINING ROOM).
1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN/DINING ROOM SIDE).
SEE SHEETS A2 (INTERIOR FINISHES).

W-5 KITCHEN WALL:
2X4 WOOD STUDS AT 16" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA (BOTH SIDES).
SEE SHEETS A2 (INTERIOR FINISHES).

W-6 KITCHEN WALL:
2X6 WOOD STUDS AT 18" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE AREA (KITCHEN SIDE).
1/2" GYPSUM BOARD FULL HEIGHT, PAINTED (COOLER SIDE).
SEE SHEETS A2 (INTERIOR FINISHES).

W-7 HOOD WALL:
2X4 WOOD STUDS AT 16" O.C., SECURED TO SLAB.
1/2" CEMENT BOARD FULL HEIGHT BEHIND WALL TILE (BOTH SIDES).
SEE SHEETS A2 (INTERIOR FINISHES).

W-8 HOOD WALL:
3-5/8" 16 GA METAL STUDS AT 24" O.C., SECURED TO SLAB.
1/2" DUROCK (BOTH SIDES).
SEE SHEETS A2 (INTERIOR FINISHES).

KEY NOTES:

- INSTALL 3'-0" W X 8'-0" H X 18 GA. STAINLESS STEEL PANEL BEHIND OVENS. REFER TO INTERIOR KITCHEN ELEVATIONS AND EQUIPMENT PLAN FOR EXACT LOCATION.
- DIVIDER WALL - FURNISHED WITH SEATING PACKAGE.
- G.C. TO PROVIDE 2" X 2" X 4'-0" HIGH CORNER GUARDS ON ALL OUTSIDE CORNERS AT KITCHEN WALL. PROVIDE COMPLETE WRAP ON END WALLS. SEE DETAIL 3.4(A).
- 1/2" PLYWOOD FROM TOP OF CEMENT BOARD TO 2" ABOVE CEILING (KITCHEN SIDE / OFFICE SIDE). SEE SHEETS A2 (INTERIOR FINISHES).
- ELECTRIC DRIVE-THRU WINDOW SHOWN. G.C. TO PROVIDE JUNCTION BOX UNDERNEATH THE WINDOW. VERIFY REQUIRED ROUGH-IN AND ELECTRICAL REQUIREMENTS W/ MANUF. DRAWINGS.
- NEW FLOOR AND BASE TILE IN DINING ROOM. SEE FINISH SCHEDULE.
- PROVISIONS FOR EXIT DISCHARGE LIGHTING ARE SHOWN ON THE LIGHTING PLAN.
- PROVIDE STAINLESS STEEL ENCLOSURE AT WALK-IN FREEZER AND COOLER CORNERS. SEE DETAIL SHEET A14.
- PORTABLE FIRE EXTINGUISHER PER NFPA-10 INSTALLED BY OTHERS ON SITE AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- NOT USED.
- SOLID SURFACE BACK SPLASH.
- GUARDRAIL. SEE DETAIL 3(A).
- SODA LINE CHASES (SEE: PLUMBING).
- WOOD HEADER ABOVE COUNTER STAINED TO MATCH CR-1 (SERVES AS BOUNDARY FOR CEILING CHANGE BETWEEN KITCHEN AND DINING).
- CERAMIC WALL TILE IF REQUIRED BY LOCAL CODE (COORDINATE WITH OWNER).
- PROVIDE EXIT DOOR TACTILE SIGNAGE (RAISED CHARACTERS IN BRAILLE) PER NFPA 101.7.10.1.3.

WALL FRAMING NOTES:

- ALL INTERIOR WOOD FRAMED WALLS SHALL HAVE A PRESSURE TREATED 2X SILL PLATE (MATCH SIDE TO SIZE OF STUDS). THIS PLATE SHALL BE SECURED TO THE FLOOR WITH 6025 DIA X 3" EMBED EXPANSION ANCHORS AT 2'-8" O.C. MIN.
- ALL INTERIOR WOOD FRAMED WALLS SHALL HAVE BLOCKING BETWEEN THE STUDS AT THE CEILING HEIGHT AND ALL PENETRATIONS THROUGH THIS BLOCKING SHALL BE SEALED.
- ALL INTERIOR WOOD FRAMED WALLS SHALL CONTINUE TO THE BOTTOM OF THE WOOD TRUSS. PROVIDE A CONT. 2X TOP PLATE SECURED TO EACH CROSSING TRUSS WITH 2-160 GUN NAILS. WHERE WALL IS PERPENDICULAR TO TRUSSES RUN CROSS BRACES AT 24" O.C. SECURE EACH END TO THE TRUSSES W/ 2-160 GUN NAILS AND 2-160 GUN NAILS TOP PLATE TO CROSS BRACES.
- ALL NLB STUD TO PLATE CONNECTIONS SHALL BE PER THE FBC-B FASTENING CHART.
- AT METAL FRAMED WALLS PROVIDE 3-5/8" X 2-1/2" X 16 GA TRACK TOP AND BOTTOM. THE TRACKS SHALL BE SECURED TO THE SLAB WITH 0.625 DIA X 3" EMBED EXPANSION ANCHORS AT 2'-8" O.C. MAX. SECURE EACH STUD TO THE BOTTOM AND TOP TRACK WITH 1" #10-16SMS EACH FLANGE. SECURE TRACK TO BOTTOM OF TRUSSES WITH 1" #10-16SMS EACH CROSSING.

WALL SHEATHING NOTES:

DINING ROOM WALLS:

- 1/2" CEMENT WALLBOARD FROM T.O. SLAB TO 12" A.F.F. MIN / 48" A.F.F. MAX. WITH 1/2" GYPSUM WALLBOARD FROM T.O. CEMENT BOARD TO 6" ABOVE CEILING HEIGHT U.N.O.
- PLASTIC LAMINATE TO ADHERE TO BASE SHEATHING.
- VINYL WALL COVERING TO ADHERE TO GYPSUM SHEATHING.

KITCHEN WALLS:

- 1/2" PLYWOOD FROM 18" A.F.F. TO 9'-6" A.F.F. IN ALL KITCHEN WALLS.

TOILET ROOM WALLS:

- 1/2" DUROCK FROM 18" A.F.F. TO 5'-6" A.F.F. AT INTERIOR TOILET ROOM WALLS.

GENERAL CONSTRUCTION NOTES:

GYPSUM BOARD / EXTERIOR SHEATHING NOTES:

- EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR PLYWOOD NAILED IN ACCORDANCE WITH THE STRUCTURAL NAILING SCHEDULE (SEE: STRUCTURAL).
- 1/2" GYPSUM BOARD TO BE INSTALLED ON ALL INTERIOR WALLS WHERE PLYWOOD IS NOT REQUIRED. ALL JOINTS ARE TO BE TAPED.
- GYPSUM BOARD SHALL BE TYPE "WWR" IN ALL AREAS TO RECEIVE WALL TILE OR FRP PANELS.
- WALLS TO RECEIVE TILE BASE SHALL HAVE 1/2" USG "DUROCK" INSTALLED TO 18" A.F.F.

INSULATION NOTES:

- ALL EXTERIOR WALLS TO RECEIVE FIBERGLASS BATT INSULATION TO MATCH DEPTH OF WALL CAVITY. ALL EXPOSED INSULATION ABOVE CEILING SHALL BE RATED F5/S2 PER CODE BLOCKING NOTES.
- XXXXX INDICATES BLOCKING REQUIRED IN WALL FOR PLUMBING LINES AND RESTROOM ACCESSORIES. BLOCKING SHALL BE FIRE RETARDANT WHERE REQUIRED BY CODE.
- CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING. CONTRACTOR IS RESPONSIBLE FOR OBTAINING MANUFACTURERS' CUTSHEETS AND LOCATING BLOCKING AS REQUIRED. THIS INCLUDES KITCHEN EQUIPMENT AND ITEMS FURNISHED AND INSTALLED BY OTHERS.

FRAMING NOTES:

- CONTRACTOR MAY SUBSTITUTE METAL STUDS FOR INTERIOR WALL, AND SOFFIT FRAMING, WHERE USED. METAL FRAMING TO BE 25 GA. UNLESS NOTED OTHERWISE (U.N.O.). IF METAL STUDS ARE USED, PROVIDE ARCHITECT WITH NOTIFICATION PRIOR TO BID AND/OR CONSTRUCTION SO THAT DETAILS MAY BE DEVELOPED FOR PERMIT AND CONTRACTOR USE.
- REFER TO FRAMING NOTES FOR WALL SECTIONS.
- ALL INTERIOR NON-LOAD BEARING WOOD FRAMING TO BE #2 SPRUCE, FIR OR WHITE PINE. WHERE REQUIRED BY CODE, FRAMING SHALL BE #2 FIRE RETARDANT YELLOW PINE. CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING.
- ALL WOOD IN CONTACT WITH THE SLAB MUST BE PRESSURE TREATED.
- ALL INTERIOR WALLS TO BE FRAMED TO UNDERSIDE OF TRUSS U.N.O.
- ALL INTERIOR WALLS THAT ARE NOT SHEAR WALLS TO BE ANCHORED W/ 5/8" DIA. EXPANSION ANCHORS AT 2'-8" O.C. MAX AND WITHIN 6" EACH END, AND WITHIN 6" OF ALL SPLICING. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL ANCHORS.

DOOR AND LANDING NOTES:

- LANDINGS AT DOORS SHALL HAVE A MAXIMUM ELEVATION DIFFERENCE OF 1/2", AND MAY SLOPE AWAY FROM THE BUILDING AT THE EXTERIOR, AT A MAXIMUM SLOPE OF 1/48 PER FBC-B 1008.1.5.
- DOORS SHALL HAVE LEVEL LANDINGS AT BOTH SIDES, EQUAL IN WIDTH TO THE DOOR OPENING, AT MINIMUM, WITH A MINIMUM DEPTH IN THE DIRECTION OF TRAVEL OF 44" PER FBC-B 1008.1.6.

FLOOR PLAN GENERAL NOTES:

DIMENSIONS:

- ALL DIMENSIONS ARE TO STUD. EXTERIOR DIMENSIONS ARE TO OUTSIDE FACE OF SLAB. NOTE: 1/2" DIFFERENCE TO EXTERIOR STUD SO THAT EXTERIOR SHEATHING WHEN APPLIED SHALL FINISH IN LINE WITH SLAB.
- DIMENSIONS NOTED AS CLEAR OR HOLD ARE MIN. REQ'D. NET CLEARANCE FROM FACE OF WALL FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INTERIOR WALL FRAMING.

ACCESSIBILITY:

- HANDICAP ACCESS TO BUILDING IS DESIGNED ACCORDING TO APPLICABLE CODE. G.C. TO ENSURE THAT ALL DIRECTIONS AND DIMENSIONS GIVEN ARE STRICTLY ADHERED TO. IF CHANGES ARE MADE THAT CONTRADICT WITH THE DRAWING, OR IF EXISTING FIELD CONDITIONS MAKE THE DRAWINGS NOT APPLICABLE, THE ARCHITECT MUST BE CONTACTED IMMEDIATELY.
- LANDINGS AT DOORS SHALL HAVE A MAXIMUM ELEVATION DIFFERENCE OF 1/2", AND MAY SLOPE AWAY FROM THE BUILDING AT THE EXTERIOR, AT A MAXIMUM SLOPE OF 1/48 PER FBC-B 1008.1.5.
- DOORS SHALL HAVE LEVEL LANDINGS AT BOTH SIDES, EQUAL IN WIDTH TO THE DOOR OPENING WITH A MINIMUM DEPTH IN THE DIRECTION OF TRAVEL OF 44" PER FBC-B 1008.1.6.

WINDOWS / DOORS:

- SEE INTERIOR ELEVATIONS - DOOR SCHEDULE.
- ALL DOORS SHALL BE ABLE TO BE OPENED FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
- ALL GLAZING WITHIN A 24" ARC OF DOORS WHOSE BOTTOM IS LESS THAN 60" ABOVE THE FLOOR AND ALL GLAZING IN DOORS SHALL BE SAFETY, IMPERFORATED, OR ACRYLIC PLASTIC SHEET.

FINISH SUBSTRATES:

- ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH NSF INTERNATIONAL APPROVED SEALANTS.
- PROVIDE SOLID BLOCKING FOR WALL SUPPORTED ITEMS.
- G.C. TO PATCH AND REPAIR ALL REMAINING SUBSTRATE TO RECEIVE NEW WALL COVERINGS. ALL WALLS TO BE PRIMED WITH MOLD PROHIBITIVE PRIMER.
- ALL GYPSUM BOARD BELOW FINISHED CEILING HEIGHT IS TO BE PREPARED FOR PAINTING OR WALL COVERINGS AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE. SEE GEN. CONSTRUCTION NOTES FOR DINING AREA.

DECOR:

- SEE SEATING PLAN.
- SEE INTERIOR ELEVATIONS FOR WALL FINISHES.

MISCELLANEOUS:

- DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE. IF METAL STUDS ARE USED, CONTRACTOR TO VERIFY WITH NOTIFICATION PRIOR TO BID AND/OR CONSTRUCTION SO THAT DETAILS MAY BE DEVELOPED FOR PERMIT AND CONTRACTOR USE.

FLOOR AND BASE TILE:

- REFER TO SHEET A2 FOR FINISHES.
- TILE JOINTS (U.N.O.):
1. QUARRY FLOOR TILE = 1/4"
2. PORCELAIN FLOOR TILE = 3/16"
3. BASE, TRIM, AND ACCESSORIES = MATCH ADJOINING TILE UNITS
- TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS
- PREP CONCRETE SLABS AND REPAIR ANY CRACKS

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RELEASE	DATE
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3	
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6	

PROJECT NO: 2020-085

ISSUE DATE: 05/07/20

DRAWN: GM | CHECKED: HDH

SHEET NO: A1
FLOOR PLAN