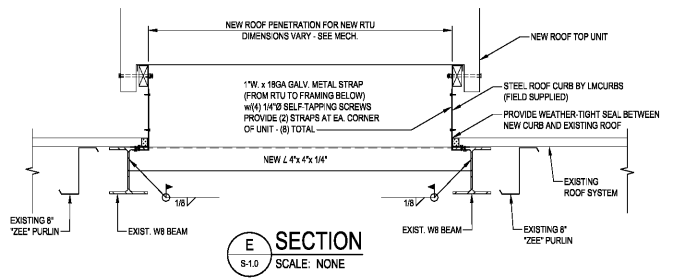
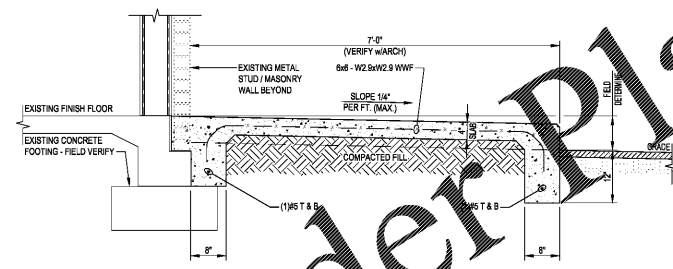


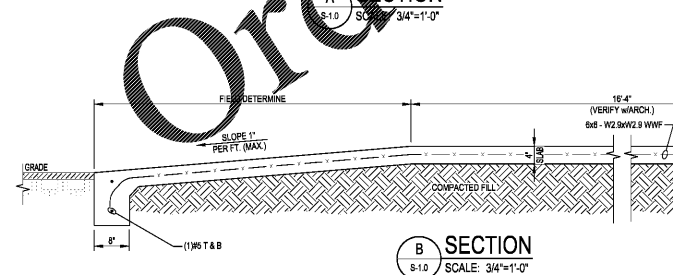
**EXISTING ROOF FRAMING PLAN
w/STRUCTURAL MODIFICATIONS**
SCALE: 1/8" = 1'-0"



SECTION E
SCALE: NONE



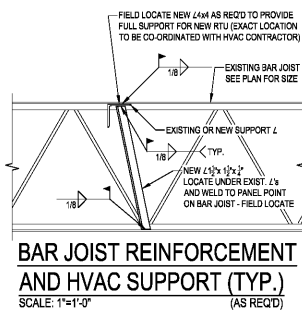
SECTION A
SCALE: 3/4" = 1'-0"



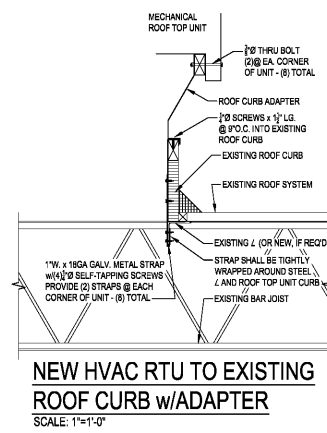
SECTION B
SCALE: 3/4" = 1'-0"

- STRUCTURAL NOTES:**
- FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
 - COORDINATE ALL WORK WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
 - PRIOR TO DEMOLITION THE EXISTING WALL ABOVE THE NEW OPENING SHALL BE SHORED ON EACH SIDE OF WALL. SHORING SHALL BE CAPABLE OF SUPPORTING 1,000 PLF (DEAD LOAD).
 - UPON COMPLETION OF DEMOLITION WORK, CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN ASSUMED CONDITIONS PRIOR TO ANY REPAIR OR RECONSTRUCTION.
 - CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH WITH AT 28 DAYS.
 - ALL MASONRY WORK SHALL CONFORM TO ACI 530.8, 7.5.1. USE TYPE S OR M MORTAR.
 - ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
 - ALL LIGHT GAUGE METAL FRAMING TO BE 50ksi.
 - CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH WITH AT 28 DAYS.
 - REINFORCING STEEL SHALL CONFORM TO ASTM A618.
 - EPOXY SHALL BE SIKADUR H MOD 92 ORIGINAL.
 - CONTRACTOR SHALL SUPPLY ROOF TOP UNIT CURBS OF APPROPRIATE DIMENSIONS AND PROVIDE NEW 4"x4"x1/2" CURBS TO ENSURE CURBS ARE FULLY SUPPORTED.
 - STRUCTURAL DESIGN LOADS: 2018 INTERNATIONAL BUILDING CODE.
- DL = ACTUAL LOAD
W_s = EXPOSURE 30' V_w = 115 mph V_h = 90 mph
FROST DEPTH = 8"
GROUND SNOW LOAD = 10 psf
BUILDING OCCUPANCY CATEGORY II IMPORTANCE FACTOR 1.0 (I_w)
ENCLOSED BUILDING, INTERNAL PRESSURE COEFFICIENT +/- 0.18 (GC_p)
LL ROOF = 20 psf REDUCED AS ALLOWED BY CODE

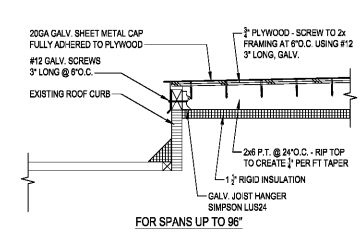
- SCOPE OF STRUCTURAL WORK**
- PROVIDE LIGHT GAUGE METAL STRUCTURAL SUPPORT FOR EXPANDED EXISTING STOREFRONT OPENING IN FRONT EXTERIOR WALL OF BUILDING. PROVIDE NEW CONCRETE THRESHOLD FOR SAME.
 - PROVIDE LIGHT GAUGE METAL STRUCTURAL SUPPORT FOR NEW DOUBLE DOOR OPENING AND RELOCATED SINGLE DOOR OPENING IN SIDE EXTERIOR WALL OF BUILDING. PROVIDE NEW CONCRETE THRESHOLD FOR SAME.
 - PROVIDE NEW CONCRETE LANDING AND RAMP AT SIDE INTERIOR WALL OF SPACE TO SERVICE NEW DOUBLE DOOR AND RELOCATED SINGLE DOOR.
 - PROVIDE NEW BRICK VENEER AS NECESSARY AFTER RELOCATION OF EXISTING SINGLE DOOR AT SIDE EXTERIOR WALL OF BUILDING.
 - PROVIDE (2) NEW ROOF TOP UNITS (RTU) AT LOCATIONS COORDINATED WITH MECHANICAL ENGINEER. PROVIDE NEW ROOF CURBS, ADAPTERS AND STRUCTURAL SUPPORT AS SHOWN.



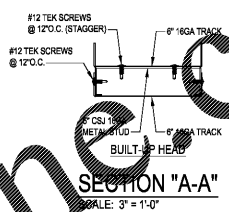
**BAR JOIST REINFORCEMENT
AND HVAC SUPPORT (TYP.)
(AS REQ'D)**
SCALE: 1" = 1'-0"



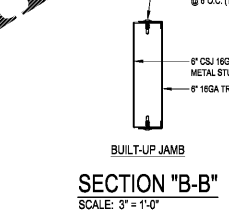
**NEW HVAC RTU TO EXISTING
ROOF CURB w/ADAPTER**
SCALE: 1" = 1'-0"



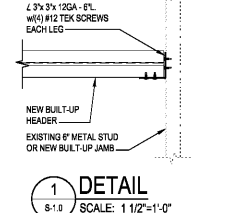
TYPICAL ROOF TOP CURB CAP
SCALE: 1" = 1'-0"



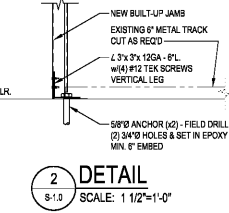
SECTION "A-A"
SCALE: 3" = 1'-0"



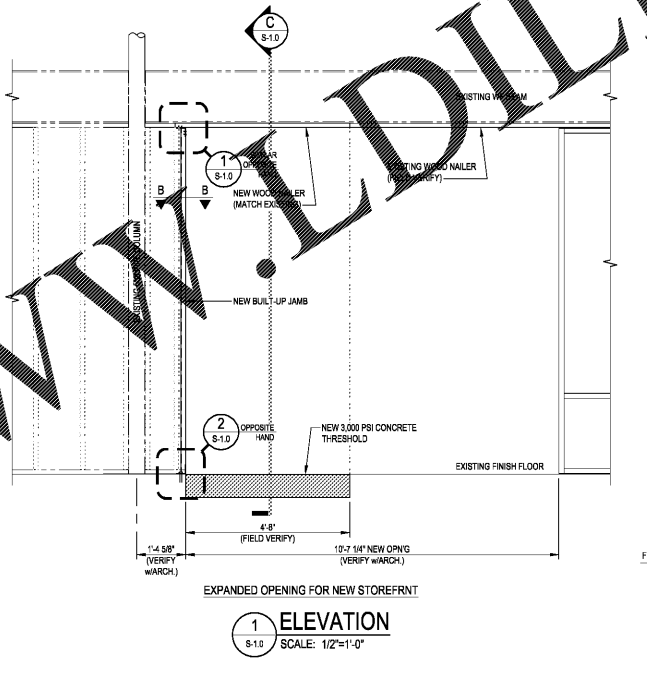
SECTION "B-B"
SCALE: 3" = 1'-0"



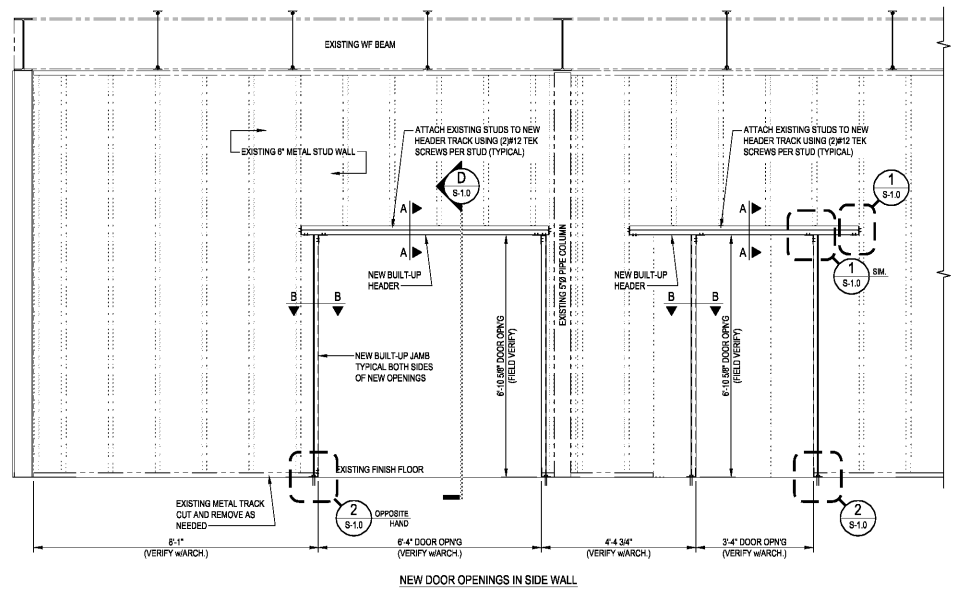
DETAIL 1
SCALE: 1 1/2" = 1'-0"



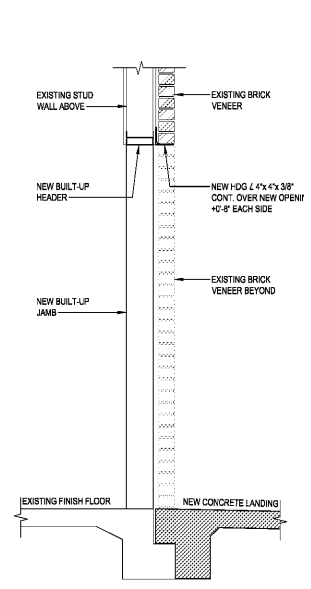
DETAIL 2
SCALE: 1 1/2" = 1'-0"



EXPANDED OPENING FOR NEW STOREFRONT
ELEVATION 1
SCALE: 1/2" = 1'-0"



NEW DOOR OPENINGS IN SIDE WALL
ELEVATION 2
SCALE: 1/2" = 1'-0"



SECTION C
SCALE: 3/4" = 1'-0"

SECTION D
SCALE: 3/4" = 1'-0"

CLARK, GERR, LATHAM & ASSOCIATES, INC.
ENGINEERS ARCHITECTS
2000 S. GARDNER AVENUE
MEMPHIS, TN 38117
TEL: (901) 344-7073 FAX: (901) 344-7779
CSL-108 No. 1894-27

date	project	designed	drawn	checked
2-5-2025	2016-03	TIC/DM	JEH	DM

RRMM ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757) 622-2528 / fax (757) 622-6883

Professional Engineer Seal
02/09/2020

FAMILY DOLLAR
FAMILY DOLLAR STORE, FDS #791567
501 TENNESSEE AVE NORTH - PARSONS, TN 38369
EXISTING ROOF FRAMING PLAN
w/STRUCTURAL MODIFICATIONS

sheet
S-1.0