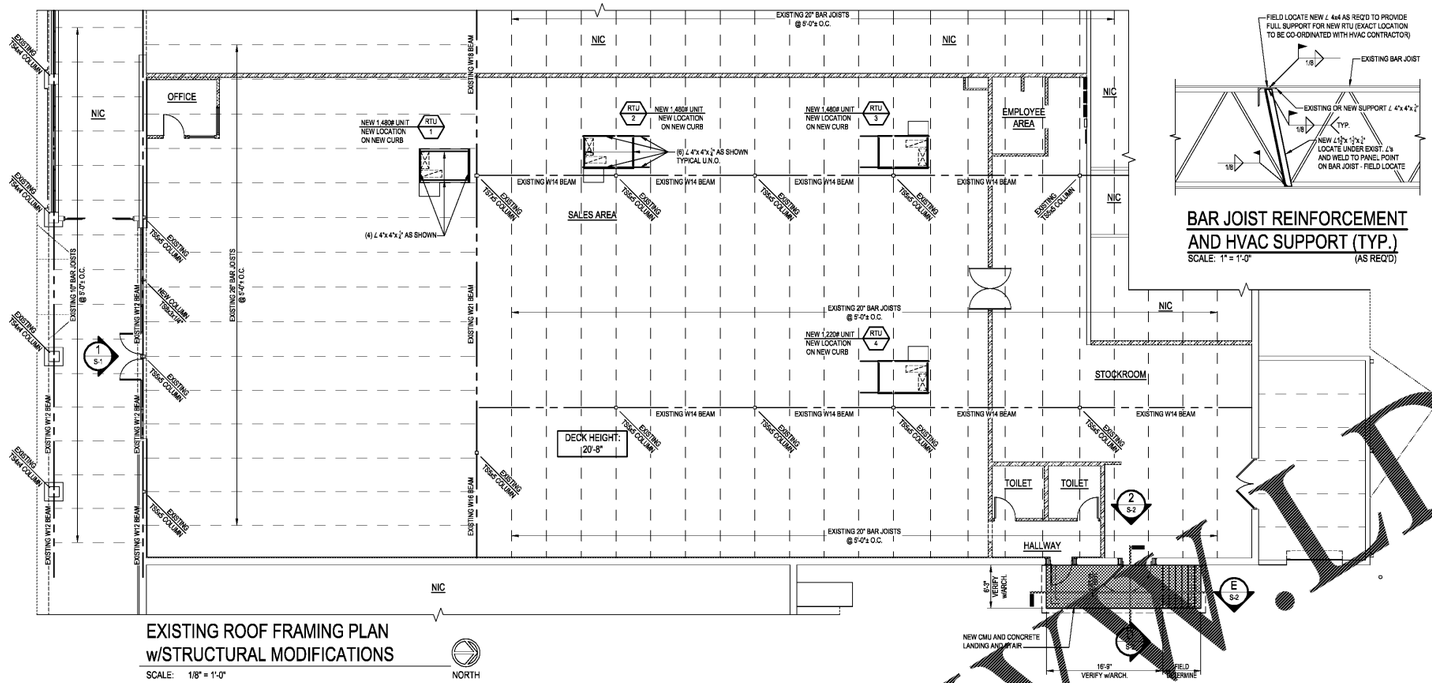


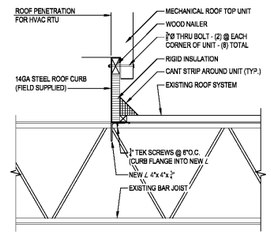
EXISTING ROOF FRAMING PLAN w/STRUCTURAL MODIFICATIONS

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

NORTH

BAR JOIST REINFORCEMENT AND HVAC SUPPORT (TYP.)

SCALE: 1" = 1'-0" (AS REQ'D)



NEW HVAC RTU TO NEW ROOF CURB

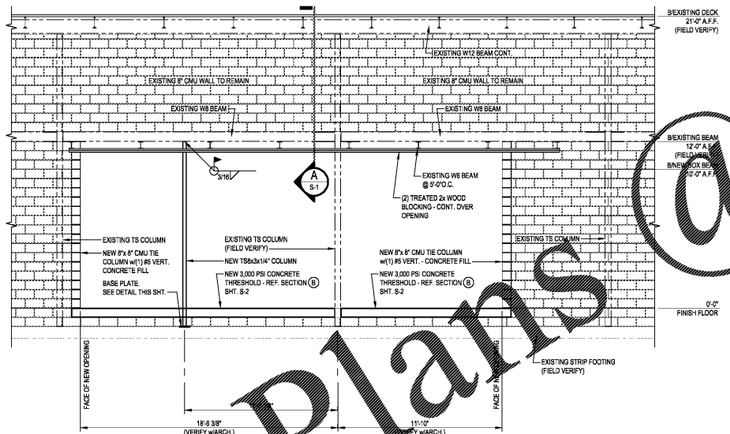
SCALE: 1" = 1'-0"

STRUCTURAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO THE ORDERING OF MATERIALS AND THE COMMENCING OF CONSTRUCTION.
2. COORDINATE ALL WORK WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
3. PRIOR TO DEMOLITION, THE EXISTING WALL ABOVE THE OPENING SHALL BE SHORED ON EACH SIDE OF WALL. SHORING SYSTEM SHALL BE CAPABLE OF SUPPORTING 850 PLF. (DEAD LOAD)
4. UPON COMPLETION OF DEMOLITION WORK, CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS. IF NECESSARY, ENGINEER SHALL INSPECT ALL EXISTING STRUCTURAL MEMBERS AND CONNECTIONS PRIOR TO CONTRACTOR MAKING ANY NEW STRUCTURAL MODIFICATIONS.
5. CONCRETE SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS.
6. REINFORCING STEEL SHALL BE GRADE 60 PER ASTM A615, GRADE 60.
7. EPOXY SHALL BE SIKADUR 32HD 32 OR EQUAL.
8. ALL MASONRY WORK SHALL CONFORM TO ACI-530, LATEST EDITION. f'm = 1,500 PSI. USE TYPE S MORTAR.
9. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36.
10. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS USING 70EXX RODS.
11. ALL WELDS SHALL BE INSPECTED BY AWS CERTIFIED WELDING INSPECTORS.
12. CONTRACTOR SHALL SUPPLY ROOF TOP UNIT CURB / ADAPTERS OF APPROPRIATE DIMENSIONS AND PROVIDE NEW ∠ 4"x 4"x ¼" MEMBERS (IF NEEDED) TO ENSURE CURBS ARE FULLY SUPPORTED.
13. STRUCTURAL DESIGN LOADS: 2012 INTERNATIONAL BUILDING CODE w/GEORGIA AMENDMENTS
    DL = ACTUAL LOAD
    WL = EXPOSURE "B" V_{ULT} = 115 mph V_{ASD} = 90 mph
    BUILDING OCCUPANCY CATEGORY II, IMPORTANCE FACTOR 1.0 (I w)
    ENCLOSED BUILDING, INTERNAL PRESSURE COEFFICIENT +/-0.18 (GCpi)
    LL ROOF = 20 PSF REDUCED AS ALLOWED BY CODE
    GROUND SNOW LOAD = 5 PSF

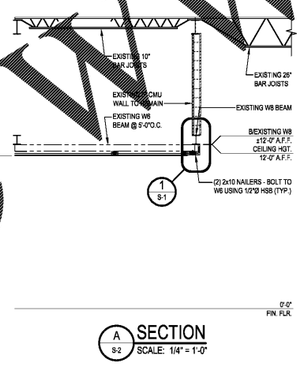
SCOPE OF STRUCTURAL WORK:

1. INSTALL (4) NEW ROOF TOP UNITS AT NEW LOCATIONS ON NEW CURBS.
2. PROVIDE STRUCTURAL SUPPORT FOR (1) NEW DOOR OPENING AND (1) EXPANDED DOOR OPENING IN SIDE (EAST) EXTERIOR MASONRY WALL OF SPACE. PROVIDE NEW CONCRETE THRES-HOLDS TO SERVICE NEW AND EXPANDED DOORS.
3. PROVIDE NEW CMU AND CONCRETE LANDING AND STAIR TO SERVICE INGRESS/EGRESS DOORS AT SIDE (EAST) EXTERIOR MASONRY WALL OF SPACE.
4. PROVIDE STRUCTURAL SUPPORT FOR NEW STOREFRONT GLAZING AND DOORS AT FRONT (SOUTH) EXTERIOR WALL OF SPACE. PROVIDE NEW CONCRETE THRESHOLD.



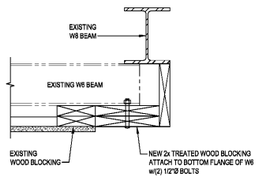
ELEVATION No.1 - NEW STOREFRONT FRAMING

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



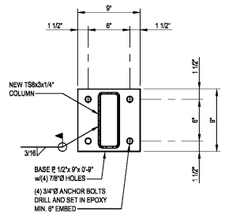
SECTION

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



DETAIL

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



BASE PLATE DETAIL

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

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THE GREEN LATHAM & ASSOCIATES, INC. ENGINEERS & ARCHITECTS
3701 Jefferson Davis Highway, Suite 202, Alexandria, Virginia 22305
Phone: (703) 549-2277 Fax: (703) 549-2278
CGL JOB NO. 2018-043

mark	date	description
revisions	by	

date	12/21/2018
project	18252.95
designed	TBC / DMB
drawn	JEH
checked	TEL

RRMM ARCHITECTS, PC
Robert S Berz, Jr, Architect
Duane M Harver, Architect
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757)622-2626 / fax (757)622-6883

GEORGIA REGISTERED NO. 16350 THOMAS E. LATHAM ARCHITECT
12-27-2018

project: DOLLAR TREE
FORMER HARVEY'S
FORT VALLEY, GEORGIA

drawing: EXISTING FLOOR PLAN w/STRUCTURAL MODIFICATIONS

sheet: S-1