

# DOOR SCHEDULE

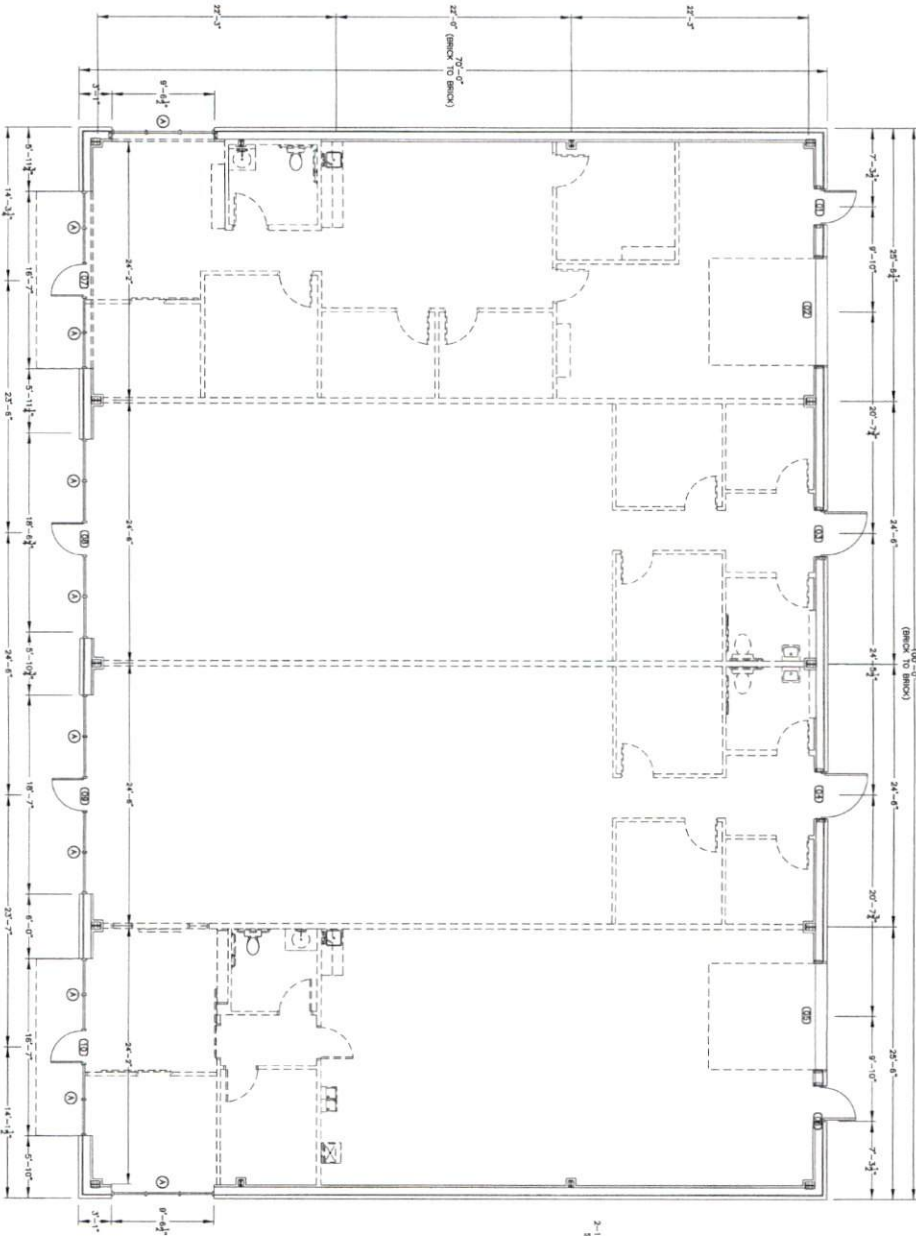
DOOR NO.	WIDE	HIGH	THICK	REMARKS
(D1)	3'-0"	7'-0"	1 3/4"	EXTENSION METAL DOOR WITH 1/4" FLAME
(D2)	10'-0"	7'-0"	1 3/4"	1/2" ROLL UP DOOR
(D3)	4'-0"	7'-0"	1 3/4"	EXTENSION METAL DOOR WITH 1/4" FLAME
(D4)	4'-0"	7'-0"	1 3/4"	EXTENSION METAL DOOR WITH 1/4" FLAME
(D5)	10'-0"	7'-0"	1 3/4"	1/2" ROLL UP DOOR
(D6)	3'-0"	7'-0"	1 3/4"	EXTENSION METAL DOOR WITH 1/4" FLAME
(D7)	3'-0"	7'-0"	1 3/4"	EXTENSION METAL DOOR WITH 1/4" FLAME
(D8)	3'-0"	7'-0"	1 3/4"	STORMONT EXT. GLASS DOOR WITH 2-8" TAMBOUR
(D9)	3'-0"	7'-0"	1 3/4"	STORMONT EXT. GLASS DOOR WITH 2-8" TAMBOUR
(D10)	3'-0"	7'-0"	1 3/4"	STORMONT EXT. GLASS DOOR WITH 2-8" TAMBOUR

# WINDOW SCHEDULE

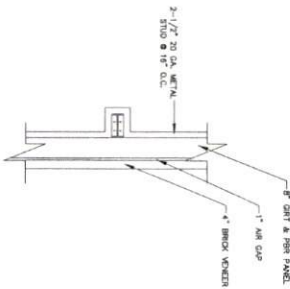
MARK	WINDOW SIZE	REMARKS	HEADERS
(W1)	10'-0"	STORMONT DOUBLE FRAME WINDOW W/TAMBOURED GLASS	

VERIFY WINDOW SIZES, TYPES, AND COLORS WITH OWNER BEFORE BEGINNING CONSTRUCTION

**NOTE:**  
DASHED LINES REPRESENT FINISH WALLS INTERIOR (UP-11) WALL BE COMPLETED AT A LATER DATE.



**PROPOSED FLOOR PLAN**  
SCALE: 3/16" = 1'-0"



**PROPOSED WALL DETAIL**  
SCALE: NOT TO SCALE

PLANS FOR  
T&L COATS  
BUILDING #2  
COATS, NORTH CAROLINA



**Cruse And Associates, P.A.**  
LICENSE NO. C-1792

DATE: 10-07-22  
DRAWN BY: BAW  
JOB NO.: 22-1-14  
SHEET NO.: F-1 OF 3



SHEET NO. F-2 OF 3

DATE 10-07-22

DRAWN BY BAW

JOB NO. 22-14

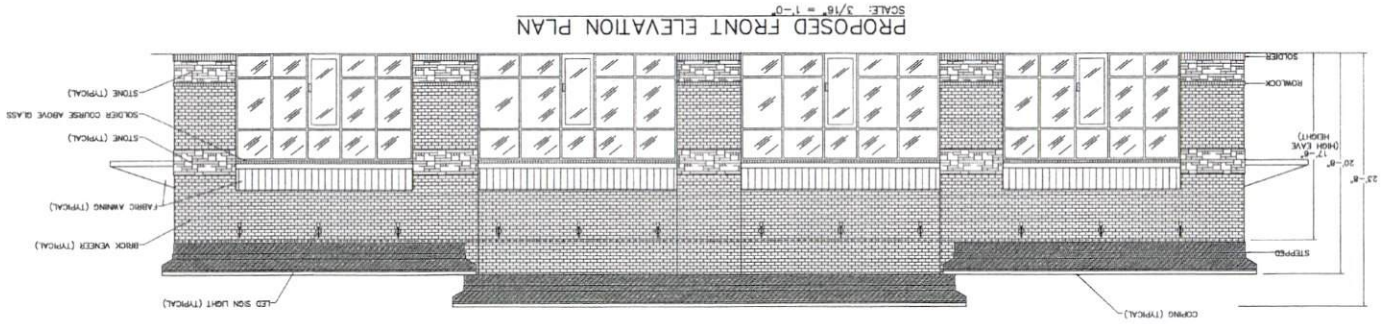
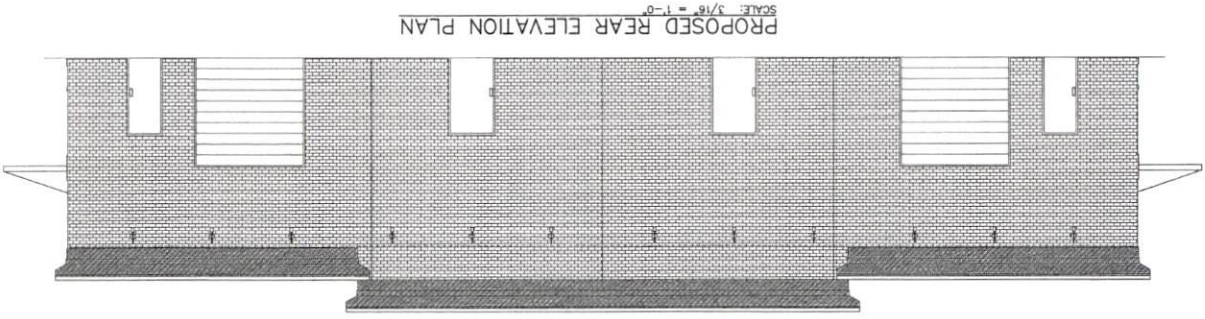
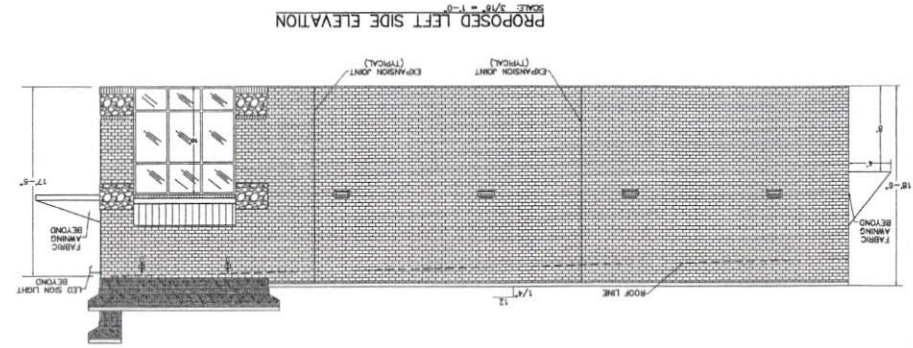
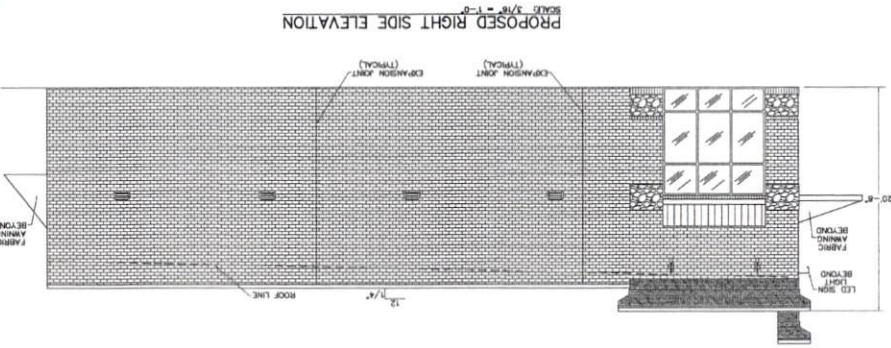
THESE CONDITIONS ARE NEARLY ALWAYS OBSERVED IN THE CONSTRUCTION OF BRICKWORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UTILITIES AND STRUCTURES.

**Cruse and Associates, P.A.**

1111 S. BROADWAY, SUITE 200  
 RALEIGH, NC 27601  
 TEL: 919.978.1111  
 FAX: 919.978.1112

NO.	REVISIONS

PLANS FOR:  
 T&L COATS  
 BUILDING #2  
 COATS, NORTH CAROLINA





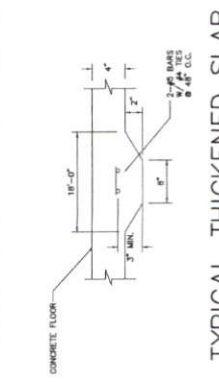
PLANS FOR  
TEL COATS  
BUILDING #2  
COATS, NORTH CAROLINA

REVISIONS

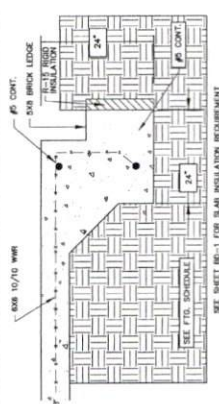
NO.	DESCRIPTION

Cruse and Associates, P.A.  
LICENSED PROFESSIONAL ENGINEER  
STATE OF NORTH CAROLINA  
LICENSE NO. C-1723  
1000 S. WILSON ROAD  
RTE. 10408-0001-0100  
WILSON, NC 27603

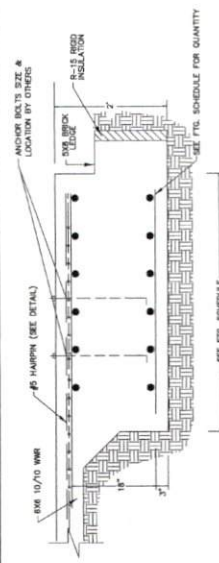
DATE: 10-07-22  
DRAWN BY: BMM  
JOB NO.: 22-14  
SHEET NO.: F-3 OF 3



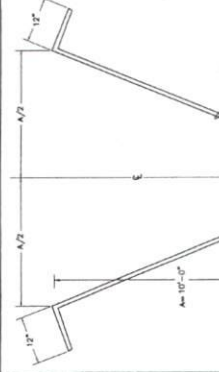
TYPICAL THICKENED SLAB  
NOT TO SCALE



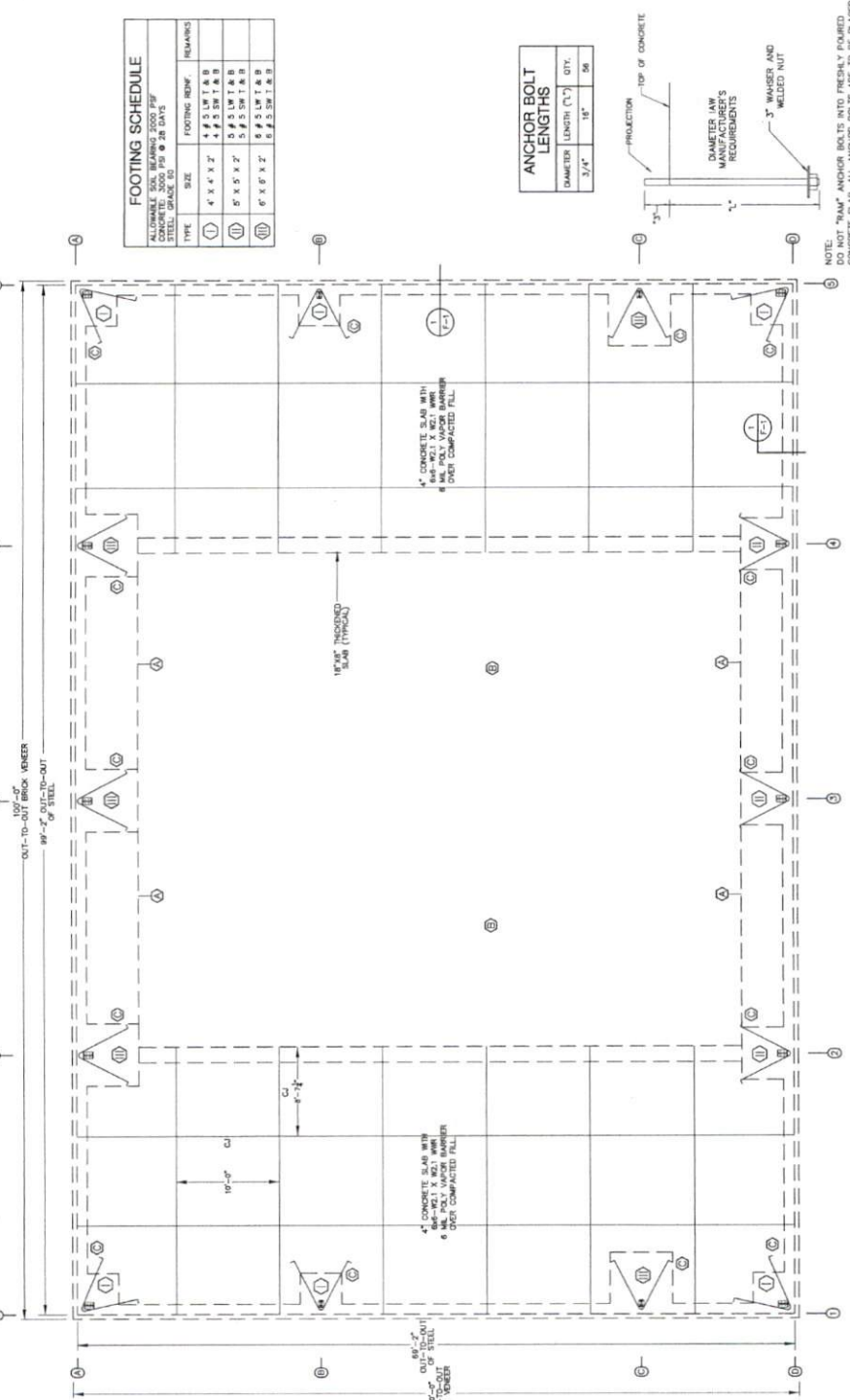
SECTION @ EDGE OF SLAB  
NOT TO SCALE



SECTION @ FOOTING  
NOT TO SCALE



DETAIL HAIRPIN BAR  
NOT TO SCALE

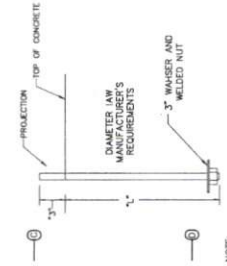


FOOTING SCHEDULE

TYPE	SIZE	FOOTING REIN.	REMARKS
①	4' x 4' x 2'	4 #5 LW T A B B	
②	4' x 4' x 2'	4 #5 SW T A B B	
③	5' x 5' x 2'	5 #5 LW T A B B	
④	5' x 5' x 2'	5 #5 SW T A B B	
⑤	6' x 6' x 2'	6 #5 LW T A B B	
⑥	6' x 6' x 2'	6 #5 SW T A B B	

ANCHOR BOLT LENGTHS

DIAMETER	LENGTH (L)	QTY.
3/4"	16"	56



NOTE: "B" ANCHOR BOLTS INTO FRESHLY PLACED CONCRETE SLAB. ALL ANCHOR BOLTS ARE TO BE PLACED IN PRE-DRILLED TEMPLATES & PROPERLY SUPPORTED. ANCHOR BOLTS ARE TO BE PLACED TO VIBRATE CONCRETE AROUND ANCHOR BOLTS.

ANCHOR BOLT DETAIL  
NOT TO SCALE

- NOTES:
- ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF TO BE VERIFIED BY CONTRACTOR TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS.
  - CONTROL JOINTS TO BE PLACED AS SHOWN ON PLAN.
  - SEE METAL BUILDING DRAWINGS FOR ACTUAL COLUMN LOCATIONS.

- NOTES:
- G.C. TO COORDINATE METAL BUILDING DRAWINGS W/ ENGINEER'S DRAWINGS BEFORE BEGINNING CONSTRUCTION.
  - ALL TO VERIFY ALL FOUNDATION DETAILS, INCLUDING REINFORCEMENT, BEFORE BEGINNING CONSTRUCTION.
  - SEE METAL BUILDING DRAWINGS FOR ACTUAL COLUMN LOCATIONS.

- FOUNDATION NOTES:
- FIELD VERIFY THE SIZE, LOCATIONS, ELEVATIONS, AND DETAILS OF ALL EXISTING FOUNDATIONS AND CONDITIONS THAT AFFECT THE WORK. VERIFY ALL FOUNDATION DETAILS, INCLUDING REINFORCEMENT, BEFORE BEGINNING CONSTRUCTION.
  - PROVIDE ALL SHORING, BRACING, UNDERPINNING, AND OTHER MEANS TO MAINTAIN THE STABILITY OF ALL EXISTING AND NEW CONSTRUCTION THAT MAY BE AFFECTED BY THE WORK OF FOUNDATIONS, WALLS, FOOTINGS, ETC.
  - AS FOLLOWS: FOUNDATIONS, WALLS, FOOTINGS, ETC. SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATION FOR DEFORMED STEEL BARS (A603) AT 28 DAYS AFTER PLACEMENT OF CONCRETE.
  - ALL EXISTING FOUNDATIONS AND WALLS SHALL BE EXCAVATED TO A MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF. IF THE FOUNDATIONS SHALL BE CHANGED IN ELEVATION AND/OR SIZE AS SHOWN ON THIS DRAWING, THE CHANGES SHALL BE NOTED AND APPROVED BY THE ENGINEER.
  - CONCRETE BAR REINFORCEMENT SHALL BE NEW BUILT STEEL CONFORMING TO THE STANDARD SPECIFICATION FOR DEFORMED STEEL BARS (A603) OR EQUIVALENT. ALL REINFORCEMENT SHALL BE PLACED AND COMPACTED TO THE MAXIMUM DENSITY AT THE DESIGN MOISTURE CONTENT.
  - ALL STRUCTURAL FILL INSIDE THE BUILDING SHALL BE SELECTED FILL COMPACTED TO THE MAXIMUM DENSITY AT THE DESIGN MOISTURE CONTENT.
  - ALL DETAILS, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO A.C.I. 308.1R-03.
  - PROVIDE CORNER BARS AT ALL FOOTING CORNERS AND STOPS UNLESS OTHERWISE NOTED. BARS SHALL BE A MINIMUM OF 4" LONG AND 4" DIA.
  - MELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND A-182.
  - CONTINUOUS REINFORCING BARS SHALL BE LAPPED 48 BAR DIAMETERS AT ALL SPICES UNLESS OTHERWISE NOTED.
  - STANDARD CONSTRUCTION JOINTS AND EXPANSION JOINTS SHALL BE LOCATED AS SHOWN ON THE PLAN.
  - ALL CONCRETE SHALL BE PROTECTED AGAINST FREEZING FOR SEVEN DAYS AFTER PLACEMENT.
  - ALL CONCRETE SHALL BE CURED WITH A MINIMUM OF 7 DAYS. CURING SHALL BE PROVIDED BY PLACING AND MAINTAINING A 1/2" THICK GYP-SOLUBLE FILL OR OVER EXTERIOR CONCRETE SLAB.
  - REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND ARCHITECTURAL DRAWINGS FOR ALL OPENINGS AND CAST-IN-TOPS IN CONCRETE WORK. ALL OPENINGS AND CAST-IN-TOPS SHALL BE SHOWN ON SHOP DRAWINGS FOR APPROVAL.

- KEY NOTES:
- CONCRETE FLOOR LINE IN SHELL SPACE.
  - NO CONCRETE, LEAVE OPEN FOR FUTURE TENANT UP-LIFT.
  - INSTALL HARRIS WITH FOOTING.



PLANS FOR  
T&L COATS  
BUILDING #2  
COATS, NORTH CAROLINA

NO.	REVISIONS

Cruse  
And  
Associates, P.A.

DATE 10-07-22  
DRAWN BY BAM  
JOB NO. 22-14

SHEET NO.  
P-1 OF 1

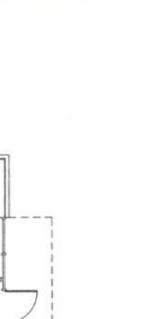
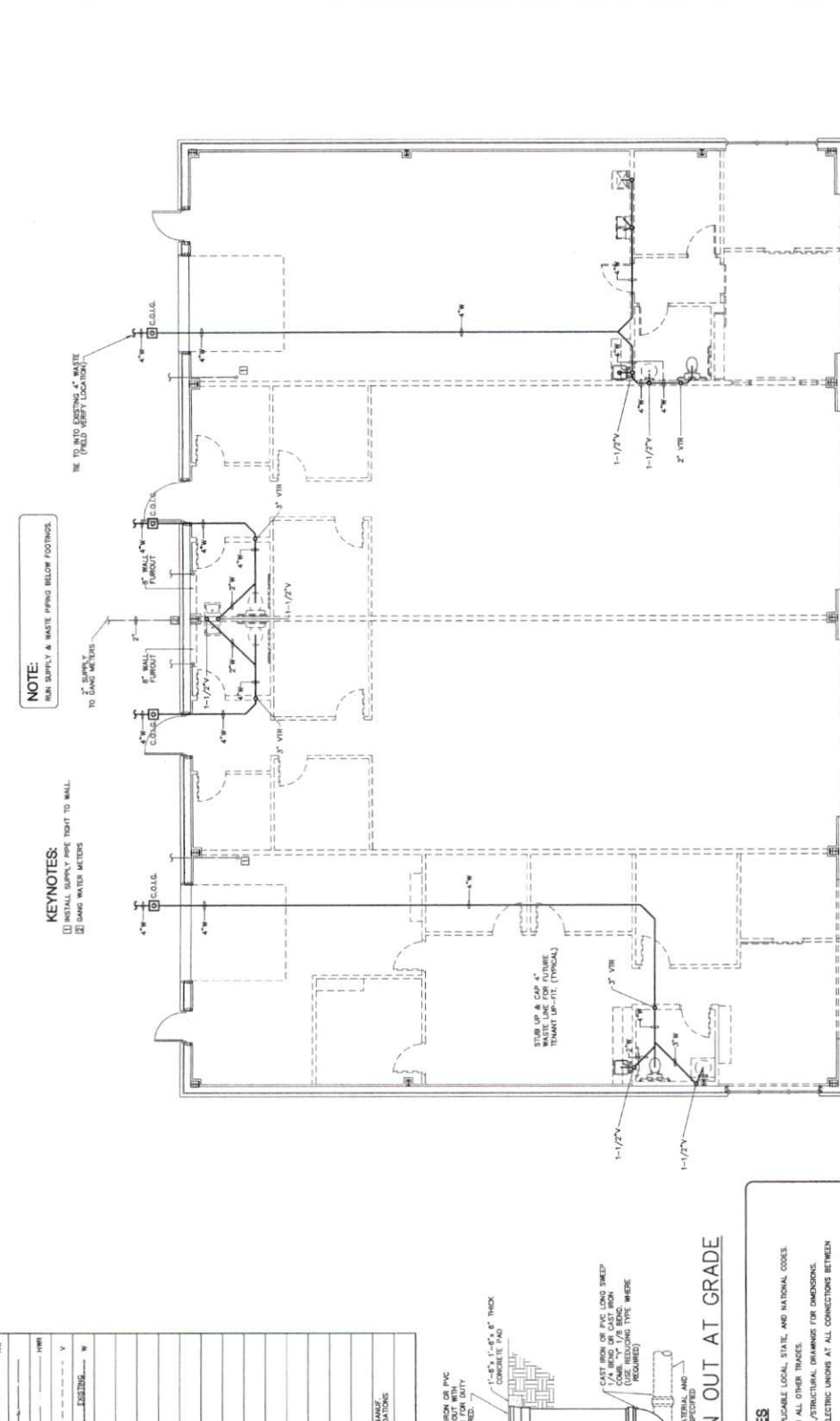
PLUMBING LEGEND	
DESCRIPTION	SYMBOL
COLD WATER	— CW —
HOT WATER	— HW —
REGULATED WATER	— RW —
COLD WATER (FILTERED)	— CWF —
VENT PIPING	— V —
WASTE PIPING	— W —
CLEAN OUT IN GRADE	— C.O.G. —
FLOOR CLEAN OUT	— F.C.O. —
NON-FREEZE HOSE BIBB	— N.F.H.B. —
FLOOR DRAIN	— F.D. —
CHECK VALVE	— CV —
BALL VALVE	— BV —
GATE VALVE	— GV —
SHUT-OFF VALVE	— SOV —
DOUBLE CHECK VALVE	— DCV —
FIGURE DESIGNATION	— P —
MOUNTING HEIGHT	— MH —
POINT OF CONNECTION NEW TO EXISTING	— PC —
FLOOR SINK	— FS —
SHOCK RESISTANT W/BALL VALVE SHUT-OFF	— S.R. —
CHANGE IN PIPE SIZE	— CS —

**NOTE:**  
DASHED LINES REPRESENT FUTURE WALLS. INTERIOR PARTS WILL BE COMPLETED AT A LATER DATE.

**KEYNOTES:**  
 ( ) SHALL BE LOCATED 1/2" FROM THE RIGHT TO WALL.  
 ( ) DRINK WATER METERS

**NOTE:**  
RUN SUPPLY & WASTE PIPING BELOW FOOTINGS.  
TO SANITARIUM TO SANITARIUM

TO BE RUN INTO EXISTING 4" WASTE (FIELD VERIFY LOCATION)



**GENERAL PLUMBING NOTES**

- ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE LOCAL, STATE, AND NATIONAL CODES.
- CONTRACTOR SHALL COORDINATE PIPING WITH ALL OTHER TRADES.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL/STRUCTURAL DRAWINGS FOR DIMENSIONS.
- CONTRACTOR SHALL FINISH AND INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR METALS.
- CONTRACTOR SHALL FINISH AND INSTALL ESCUTCHEONS AND COVER PLATES AT ALL FINISHED LOCATIONS.
- ALL PIPING SHALL BE PROTECTED IN ACCORDANCE WITH STATE AND LOCAL CODE. (REFER TO SPECIFICATIONS).
- ALL PIPING SHALL BE TESTED FOR LEAKS. IF ANY LEAKS ARE DETECTED THE PIPING SHALL BE REPAIRED, REINSULATED OR REPLACED AND RETESTED.
- ALL SOLDER SHALL BE OF THE LEAD FREE TYPE.
- UNIONS AND ISOLATION VALVES SHALL BE PROVIDED WITH FACTORY INSTALLED "TAP" VALVES AND SHALL HAVE DOMESTIC WATER SUPPLY PIPING SHALL BE COPPER OR CPVC. PVC IS ALLOWED WHERE PERMITTED BY CODE.
- WASTE AND VENT PIPING SHALL BE 50% 40 PVC OR HEAVY DUTY CAST IRON UNDER TRAFFIC AREAS.
- INSTALL THERMOSTATICALLY CONTROLLED MIXING VALVES AS NEEDED TO ENSURE HOT WATER TEMPERATURE TO ALL HAND WASHING LOCATIONS DOES NOT EXCEED 100°F.
- ALL FLOOR DRAINS & HUB DRAINS SHALL BE PROVIDED WITH TRAP PRIMER EXCEPT FLOOR DRAINS IN ALL FLOOR AREAS.
- HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBROUS GLASS INSULATION.
- COLD WATER PIPING SHALL BE INSULATED WITH 1/2" THICK FIBROUS GLASS INSULATION.
- FLOOR DRAINAGE SHALL BE APPLIED TO EACH.

**PLUMBING WASTE & VENT PIPING PLAN**  
SCALE: 3/8" = 1'-0"



LETTER OF CERTIFICATION

7/20/22

Barefoot Building Company  
3636 NC Hwy 27 E  
Coats, NC 27521

JOB NUMBER: 22-10407  
T&L Coats Building 2  
Coats, NC 27521  
69'-2" x 99'-2" x 16'-0" x 17'-6"

To Whom It May Concern:

This letter is to certify that the building designed by Ascent Buildings LLC is in accordance with order documents, shown on the attached Design Criteria sheet.

Items added to building related to use and occupancy, such as sprinklers, are not addressed in these documents.

When properly erected on an adequate foundation, in accordance with erection dwgs as supplied and components furnished, will meet the attached loading requirements.

Field modifications or design of materials not supplied by Ascent Buildings LLC are not covered by this certification.

Included with this certification is design criteria and serviceability limits.

The engineer whose seal appears on this page is an employee of Ascent Buildings LLC and is not the engineer of record for the project.

Sincerely,

Jason Speegle P.E.  
Ascent Buildings





The material supplied by the manufacturer has been designed with the following minimum deflection criteria. The actual deflection may be less depending on actual load and actual member length.

BUILDING DEFLECTION LIMITS.....: BLDG-A

Roof Limits	Rafters	Purlins	Panels
Live: L/	180	180	60
Serviceability Wind: L/	180	150	60
Frame Limits	Sidesway	Portal Frame	Sidesway
Rigid Frame Horizontal: H/	120		
Rigid Frame Vertical: H/	180		
Seismic Drift: H/	50		50
Service-Level Crane: H/	100		
Portal Frame Horizontal: H/	N/A		120
Wall Limits	Limit		
Total Wind Panels: L/	600		
Total Wind Girts: L/	600		
Total Wind EW Columns: L/	600		

The Service Seismic limit as shown here is at service level loads.