

SLAB ON GRADE NOT SHOWN, REFER TO FIVE STAR METAL BUILDINGS STAMPED DRAWINGS

#5 REBAR AT 16" OC, l_{dh} = 10" (DEVELOPMENT LENGTH) WITH STD 90 HOOK AT 7.5", TYP.

ALL CELLS FILLED WITH F'_c = 4000 PSI

HSS BY OTHERS

MECHANICAL ANCHOR BY OTHERS

AGGREGATE SHALL NOT BE LARGER THAN SPACE BETWEEN CMU FACE

FINISH GRADE

ALL NOTES APPLY:

COMPACTED SELECT FILL, SEE NOTES

CMU BLOCK ASTM C90 f'_m=2000 PSI, TYPE S MORTAR AT 2000 PSI

STRIP FOOTING, STEP ACCORDINGLY TO MEET GRADE CHANGE

#5 REBAR CONT. AT 6" OC, WITH 3" OF COVER

COMPACTED STONE, NO LARGER THAN 4" LIFTS

ALT HSS DETAIL BY OTHERS

CMU BLOCK ASTM C90 f'_m=2000 PSI, TYPE S MORTAR AT 2000 PSI

1A STEM WALL SECTION, TYP
S5.0 SCALE: 1/2" = 1'-0"

1B STEM WALL SECTION ALT., TYP
S5.0 SCALE: 1/2" = 1'-0"

CONTINUOUS HORIZ. #5 REBAR AT 24" OC, LAP 48Db PER ACI 318, TYP.

STRIP FOOTING, STEP ACCORDINGLY TO MEET GRADE CHANGE

CMU BLOCK ASTM C90 f'_m=2000 PSI, TYPE S MORTAR AT 2000 PSI

#5 REBAR AT 16" OC, l_{dh} = 10" (DEVELOPMENT LENGTH) WITH STD 90 HOOK AT 7.5", TYP.

ALL CELLS FILLED WITH F'_c = 4000 PSI

IF EXPOSED TO WEATHER (SUNLIGHT) PLACE WWF TEMP. PER ACI, 0.26 IN²/FT TOP OF TOP OF FOOTING

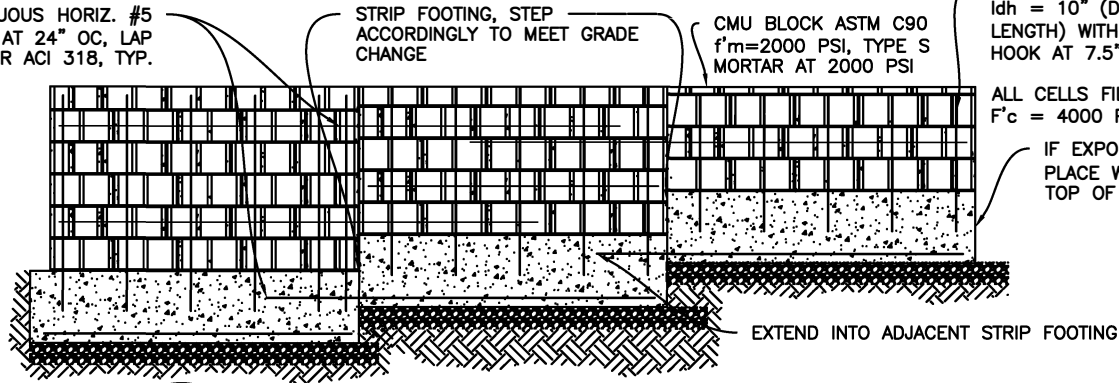
NOTES:

DESIGNED TO MEET ASCE 7-22:

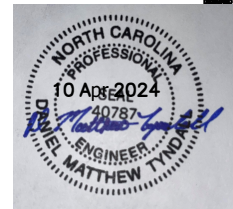
- A. PARTIALLY OPEN BUILDING
- B. DESIGN WIND SPEED: 120 MPH
- C. RISK CATEGORY II
- D. EXPOSURE: C
- E. SURFACE ROUGHNESS: C
- F. MEAN HEIGHT: NA

LOADING:

DEAD LOAD : WEIGHT OF MATERIALS



2 STEM WALL ELEV, TYP
S5.0 SCALE: 1/4" = 1'-0"



DESIGNED BY: DMT
DRAWN BY: DMT
QC'D BY: DMT

HWY 87 AND BUFFALO RD	STEM WALL FOR METAL BLDG	DETAILS
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SCALE: AS SHOWN
CONSTR. CONTR. NO. N/A
DRAWING NO. 20240407
SHEET 01 OF 02

S5.0