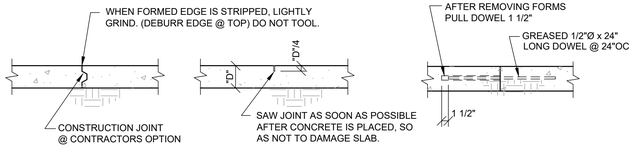
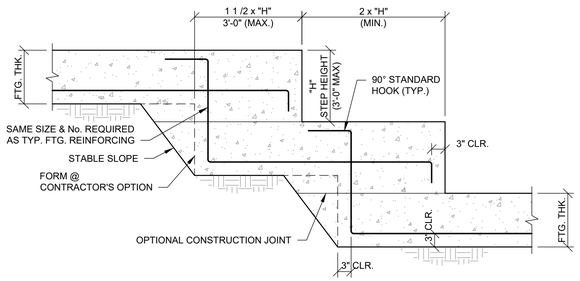


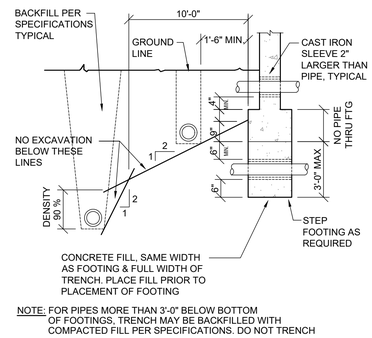
1 S200 CONTROL/ CONSTRUCTION JOINT DETAIL

N.T.S.



2 S200 TYP STEP FOOTING DETAIL

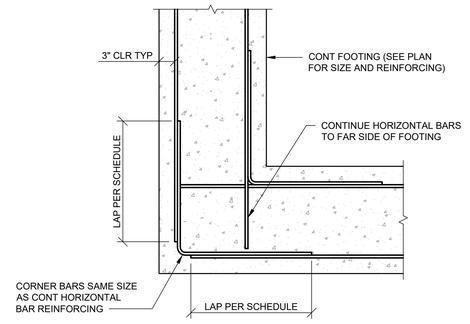
3/4" = 1'-0"



NOTE: FOR PIPES MORE THAN 3'-0" BELOW BOTTOM OF FOOTINGS, TRENCH MAY BE BACKFILLED WITH COMPACTED FILL PER SPECIFICATIONS. DO NOT TRENCH

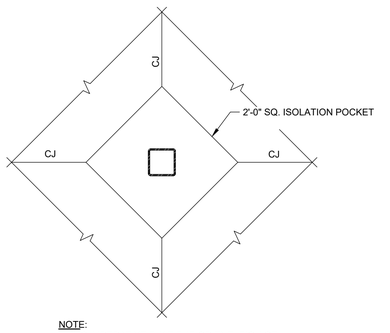
3 S200 TYPICAL PIPE AND TRENCH TRENCH THRU FOOTING

3/4" = 1'-0"



4 S200 TYPICAL FOOTING CORNER REINFORCING DETAIL

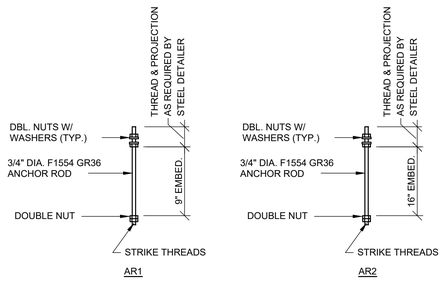
N.T.S.



NOTE:
IT IS IMPERATIVE THAT THE ORIENTATION OF ISOLATION POCKET BE AS THAT SHOWN (WITH CORNERS AT CONTROL JOINTS) TO PREVENT EXCESSIVE CRACKING IN SLAB.

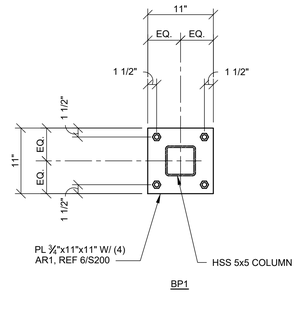
5 S200 TYP. ISOLATION POCKET

N.T.S.



6 S200 TYP ANCHOR ROD DETAIL

N.T.S.



7 S200 BASE PLATE DETAILS

1" = 1'-0"

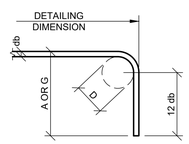
REINFORCING BAR LAP LENGTH SCHEDULE (CLASS B)				
GRADE 60 STEEL				
NORMAL WEIGHT CONCRETE STRENGTH				
BAR SIZE	3000 PSI	4000 PSI	5000 PSI	7000 PSI
#3	21"	18"	17"	14"
#4	28"	25"	22"	19"
#5	36"	31"	28"	23"
#6	43"	37"	33"	28"
#7	62"	54"	48"	41"
#8	71"	62"	55"	47"
#9	80"	70"	62"	53"
#10	90"	78"	70"	59"
#11	100"	87"	78"	66"

LAP SCHEDULE NOTES

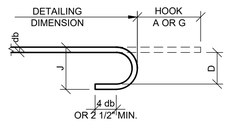
1. LENGTH SHOWN CONFORM TO NON-SEISMIC PROVISIONS OF ACI 318 FOR UNCOATED BARS ENCLOSED BY PROPERLY SPACED TIES OR STIRRUPS.
2. LENGTH IN TABLE SHALL BE FACTORED FOR THE FOLLOWING CONDITIONS:
   - HORIZONTAL BARS MORE THAN 12" ABOVE BOTTOM OF CAST MEMBER: 1.3x TABLE LENGTH
   - LIGHT WEIGHT CONCRETE: 1.3xTABLE LENGTH
   - BAR CLEAR SPACING SHALL BE NO LESS THAN ONE BAR DIAMETER AND/OR BAR CLEAR COVER LESS THAN ONE BAR DIAMETER: 1.5x TABLE LENGTH
   - WHERE MORE THAN ONE CONDITION APPLIES, ALL APPLICABLE FACTORS SHALL BE APPLIED TO LENGTH INDICATED IN TABLE.
3. THIS TABLE SHALL APPLY UNLESS SPECIFICALLY NOTED, DETAILED OR SCHEDULED OTHERWISE.
4. UNLESS NOTED OTHERWISE ALL REINFORCING BARS SHALL LAP AROUND CORNERS.

8 S200 TYPICAL REINF. BAR LAP LENGTH SCHEDULE

N.T.S.



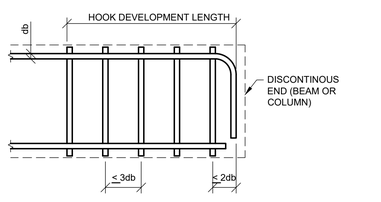
90 DEG HOOK



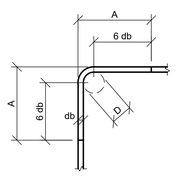
180 DEG HOOK

1 END HOOK TYPES

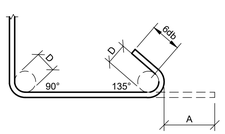
NTS



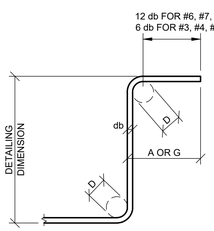
TIES OR STIRRUPS REQUIREMENTS AT DISCONTINUOUS END



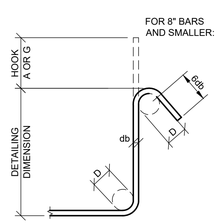
CORNER TIE HOOK



CROSS TIE



90° HOOK



135° HOOK

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DIMENSIONS SHOWN are to finish face of a material unless otherwise indicated.

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project title

CFT RETAIL BUILDING
2901 S. CHURCH STREET
MURFREESBORO, TN 37127

project number
20045.003

drawing issuance
PERMIT/BID SET 6.1.2021

drawing revisions

No.	Description:	Date:

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drawing title
TYPICAL DETAILS & SECTIONS

drawing number
S200