FOOTING SCHEDULE 2,500 P.S.F. BEARING CAPACITY

MK	SIZE LENGTH	SIZE WIDTH	DEPTH (INCHES)	BOTT. REINF. EA-EACH WAY L-LONG S-SHORT	REMARKS
F4.0	4'-0"	4'-0"	12"	4 - #5	
F5.0	5'-0"	5'-0"	12"	5 - #5	
F7.0	7'-0"	7'-0"	15"	9 - #5	
F8.0x9.0	9'-0"	8'-0"	21"	7 - #7 (TOP & BOT)	
F9.0	9'-0"	9'-0"	18"	8 - #7	
F9.0*	9'-0"	9'-0"	18"	8 - #7 (TOP & BOT)	
F9.0x11.0	11'-0"	9'-0"	21"	9 - #7 (S) 8 - #7 (L) (TOP & BOT)	
F10.0	10'-0"	10'-0"	21"	9 - #7	
F10.0*	10'-0"	10'-0"	21"	9 - #7 (TOP & BOT)	
F10.0x12.0	12'-0"	10'-0"	21"	11 - #7 (S) 9 - #7 (L) (TOP & BOT)	
F11.0	11'-0"	11'-0"	21"	10 - #7	
F11.0*	11'-0"	11'-0"	24"	10 - #7 (TOP & BOT)	
F12.0	12'-0"	12'-0"	24"	11 - #7	
F12.0*	12'-0"	12'-0"	24"	11 - #7 (TOP & BOT)	
F13.0	13'-0"	13'-0"	27"	12 - #8	
F13.0*	13'-0"	13'-0"	27"	12 - #8 (TOP & BOT)	
F15.0*	15'-0"	15'-0"	27"	16 - #7 (TOP & BOT)	
EMF1.0	REF: PLAN & TYP. DETAIL		12"	#5 AT 12" O.C. (TOP & BOT)	
MF1.0	REF: DETAIL		24	#7 AT 11" O.C. (EW) (BOT) & #7 AT 36" O.C. (EW) (TOP)	

NOTES:
1. SPREAD FOOTING SHALL BE NORMAL WEIGHT CONCRETE (f'c = 4,000 psi AT 28 DAYS).
2. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL CONFORM WITH THE "MINIMUM CONCRETE COVER FOR REINFORCING BAR" TABLE PROVIDED. (SEE ACI 318 SECTION 7.7 FOR CONDITIONS NOT NOTED)

SLAB ON GRADE CONSTRUCTION SCHEDULE

MARK	AREA	f'c (psi)	THICKNESS	REINFORCEMENT
①	INT. SOG	4,000	5"	WWF 6x6-W1.4xW1.4 (SEE NOTE 5)
②	EXT. SOG	5,000	5"	WWF 6x6-W1.4xW1.4 (SEE NOTE 5)

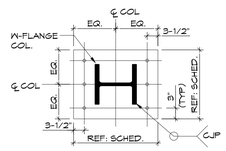
NOTES:
1. ⑥ INDICATES CONCRETE SLAB ON GRADE PLACED OVER A VAPOR BARRIER ON 6" OF CRUSHED STONE
2. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL CONFORM WITH THE "MINIMUM CONCRETE COVER FOR REINFORCING BAR" TABLE PROVIDED. (SEE ACI 318 SECTION 7.7 FOR CONDITIONS NOT NOTED).
3. ANY EXTERIOR STAIRS, RAMPS, OR ELEVATED PLATFORMS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000PSI CONCRETE.
4. CONTROL JOINTS IN SLAB ON GRADE SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH TYPICAL CONTROL JOINT DETAIL ON S502.
5. CONTRACTOR MAY SUBSTITUTE 1.5 POUNDS OF FIBROUS REINFORCEMENT PER CUBIC YARD OF CONCRETE IN LIEU OF WWF.
6. REFERENCE TYPICAL CONCRETE SLAB DETAILS ON S502 FOR ADDITIONAL INFORMATION.

STEEL COLUMN SCHEDULE

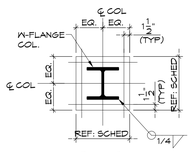
MK	COLUMN SIZE
C1	W12X106
C2	W12X120
C3	W10X33
C4	W10X49
C5	HSS6X6X1/4

BASE PLATE SCHEDULE

MK	LENGTH	WIDTH	THICKNESS	ANCHOR BOLTS	EMBEDMENT	BASE PLATE TYPE
BP1	30"	30"	2"	(6) 2" DIA. F1554 GR. 55	25"	TYPE 1
BP2	16"	16"	7/8"	(4) 3/4" DIA. F1554	SEE NOTE 1	TYPE 2
BP3	16"	16"	1 1/8"	(4) 3/4" DIA. F1554	SEE NOTE 1	TYPE 2



TYPE 1



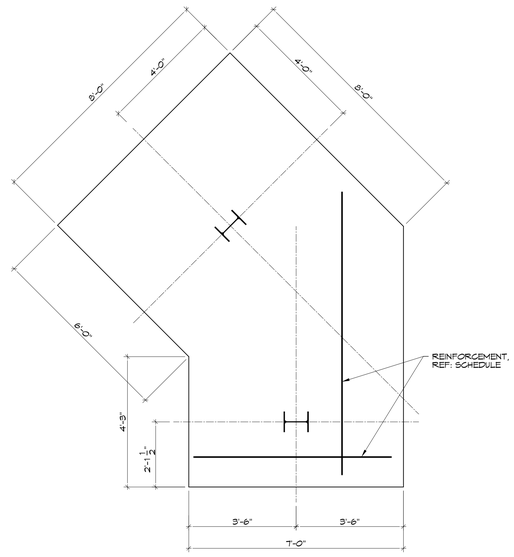
TYPE 2

NOTE:
1. REFERENCE TYPICAL STEEL COLUMN ANCHOR BOLT DETAIL FOR EMBEDMENT.

STRIP FOOTING SCHEDULE 2,500 P.S.F. BEARING CAPACITY

MK	SIZE WIDTH (INCHES)	SIZE DEPTH (INCHES)	REINFORCEMENT LONGITUDINAL	REINFORCEMENT TRANSVERSE
SF2.0	24"	12"	(3) #5 BARS	#5 BARS 36" O.C.

NOTES:
1. STRIP FOOTING SHALL BE NORMAL WEIGHT CONCRETE (f'c = 4,000 psi AT 28 DAYS).
2. MINIMUM CONCRETE COVER PROTECTION FOR REINFORCEMENT BARS SHALL CONFORM WITH THE "MINIMUM CONCRETE COVER FOR REINFORCING BAR" TABLE PROVIDED. (SEE ACI 318 SECTION 7.7 FOR CONDITIONS NOT NOTED)



MF1.0

CONCRETE WALL SCHEDULE

MK	THICKNESS	NO OF CURTAINS	VERTICAL REINF.	HORIZONTAL REINF.	REMARKS
CW12.1	1'-0"	2	#5 BARS AT 12" O.C.	#5 BARS AT 12" O.C.	

NOTES:
1. ALL CONCRETE WALLS SHALL BE 4,000PSI CONCRETE.
2. WALL THICKNESS AND REINFORCEMENT SHALL APPLY TO ALL LEVEL OF WALL ABOVE POINT OF DESIGNATION OR UNTIL NEXT WALL DESIGNATION.
3. REFERENCE TYPICAL CONCRETE WALL CONSTRUCTION DETAILS ON S503 FOR ADDITIONAL INFORMATION.
4. (C) - CENTERED / (OF) - OUTSIDE FACE / (IF) - INSIDE FACE.

MASONRY WALL SCHEDULE

MK	THICKNESS	VERTICAL REINF.	HORIZONTAL REINF.	REMARKS
MW8.1	7 5/8"	#5 BARS AT 24" O.C.	(SEE NOTE 3)	

NOTES:
1. MASONRY WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF f'm = 2000psi U.N.O.. FILL ALL REINFORCED CELLS SOLID WITH 3000psi GROUT.
2. WALL THICKNESS AND REINFORCEMENT SHALL APPLY TO ALL LEVELS OF WALL ABOVE POINT OF DESIGNATION OR UNTIL NEXT WALL DESIGNATION.
3. PROVIDE HORIZ. REINFORCEMENT (9 ga. GALVANIZED TRUSS TYPE) AT 16" O.C.
4. PROVIDE 16" DEEP BOND BEAMS AT EACH FLOOR LEVEL w/ (2) #5 BARS CONTINUOUS. PROVIDE 8" DEEP BOND BEAMS BETWEEN FLOORS WHERE WALL IS GREATER THAN 10ft w/ (1) #5 BARS CONTINUOUS. ALL BOND BEAMS SHALL HAVE KNOCK OUT BLOCKS AND SHALL BE FILLED SOLID WITH 3000PSI GROUT. REFERENCE TYPICAL DETAIL ON S531 FOR ADDITIONAL INFORMATION.
5. CONTRACTOR SHALL MAINTAIN RUNNING BOND THROUGHOUT WALLS AND CORNERS.
6. REFERENCE FRAMING PLANS FOR LINTELS, STEEL BEAMS, BEARING PLATES, AND LEDGER CONNECTION LOCATIONS.
7. REFERENCE TYPICAL CONCRETE MASONRY WALL CONSTRUCTION DETAILS ON S531 FOR ADDITIONAL INFORMATION.

MASONRY REINFORCEMENT LAP SPLICE SCHEDULE (f'm=2,000psi)

BAR SIZE	6in WALL	8in WALL	10in WALL	12in WALL
#3	12"	12"	12"	12"
#4	17"	15"	12"	12"
#5	27"	20"	15"	13"
#6	53"	37"	28"	24"
#7	-	52"	40"	33"
#8	-	72"	61"	50"
#9	-	-	73"	64"

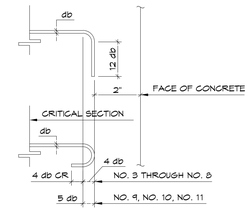
NORMAL WEIGHT CONCRETE STRENGTH	DEVELOPMENT LENGTH	LAP SPLICE LENGTH
3,000 PSI	22 db	30 db ≥ 12"
4,000 PSI	19 db	30 db ≥ 12"
5,000 PSI	18 db	30 db ≥ 12"
6,000 PSI	17 db	30 db > 12"

COMPRESSION DEVELOPMENT AND LAP SPLICE LENGTHS

NORMAL WEIGHT CONCRETE STRENGTH	BASIC HOOK DEVELOPMENT LENGTH
3,000 PSI	22 db
4,000 PSI	19 db
5,000 PSI	17 db

STANDARD HOOKED BAR TENSION DEVELOPMENT LENGTHS

1. WHEN COVERAGE REQUIREMENTS SHOWN IN DETAILS ARE MET, BASIC HOOK DEVELOPMENT LENGTH MAY BE MULTIPLIED BY 0.7.



REINFORCING DEVELOPMENT LENGTH AND LAP SPLICE SCHEDULE

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JASON C. TARANTINO
Jason Tarantino
Digitally signed by Jason Tarantino
Date: 2023.12.26 17:11:41 -05'00'
FLORIDA LICENSE: PE 94381

ISSUED FOR PERMIT

REVISIONS:

Mk	DATE:	REMARKS
	12/26/23	ISSUED FOR PERMIT

Proposed Commercial Building
Okeechobee (Shopping Center)
FL-78 & Access Road
Okeechobee, Florida, 34978

PROJECT:

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DRAWING TITLE:
SCHEDULES

DRAFTED BY: NAR
REVIEWED BY: JCT
PROJECT NUMBER: 2318_04
DRAWING SCALE: AS NOTED
DRAWING NUMBER:
S004