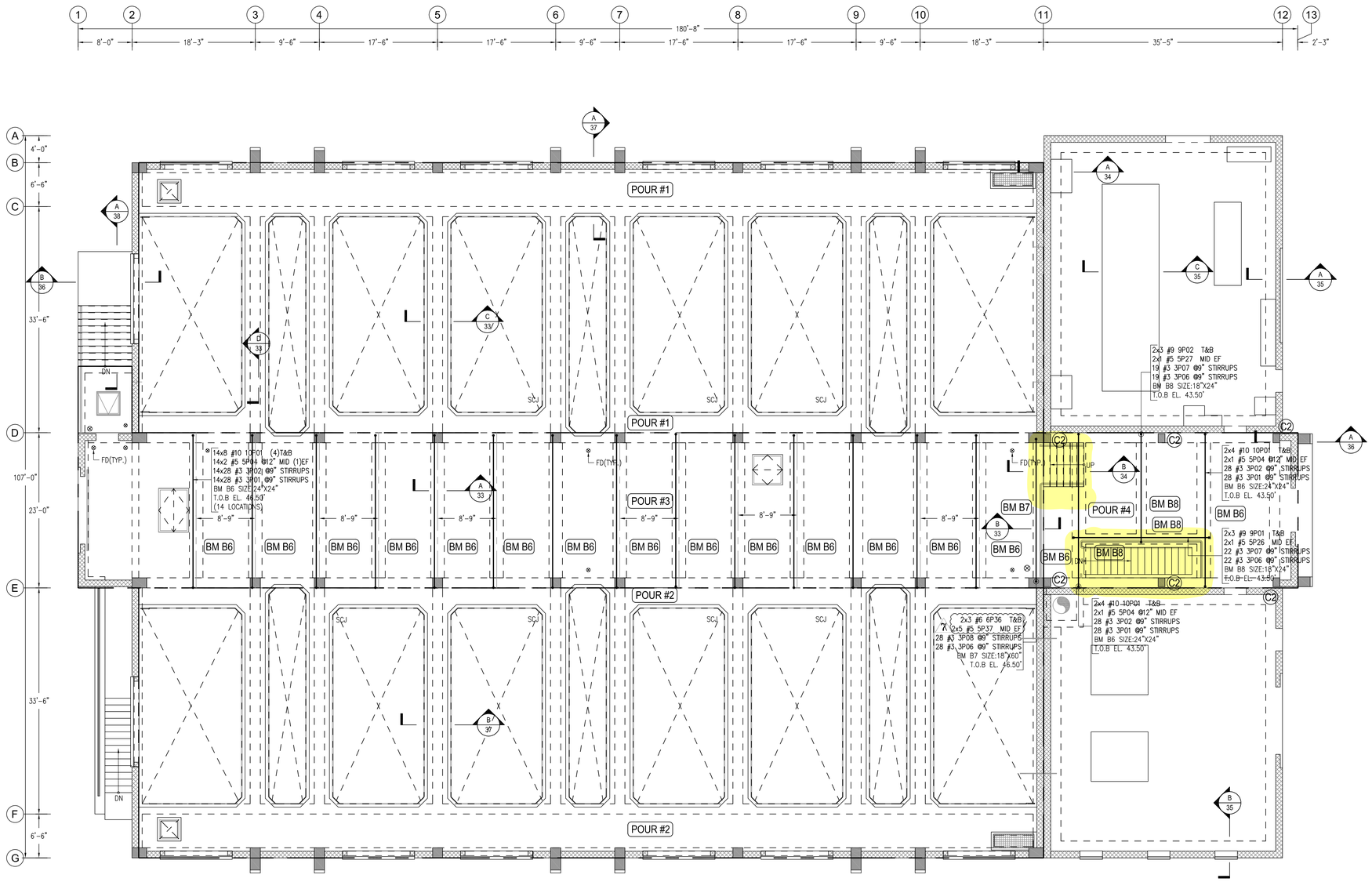


BEAM REINFORCING DETAILS

LAYOUT OF FILTER BUILDING - UPPER LEVEL

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

REF SHEETS : 00GS01 THRU 15S06

LEGENDS

T/TOP – TOP LAYER
B/BOT – BOTTOM LAYER
SW – SHORT WAY
LW – LONG WAY
DWLS – DOWELS
D/V – DOWEL/VERTICAL
V/VERT – VERTICAL
H/HORIZ – HORIZONTAL
ES – EACH SIDE
EE – EACH END
EF – EACH FACE
IF – INNER FACE
OF – OUTER FACE
T.O.S – TOP OF SLAB
T.O.F – TOP OF FOOTING
CONT – CONTINUOUS
ADD'L – ADDITIONAL
EL – ELEVATION
TYP – TYPICAL

GC. PLEASE VERIFY LAP SCHEDULE FOLLOWED

BEAM LAP SCHEDULE FOR 4000 PSI

SIZE	TOP BARS	OTHER BARS
#4	20"	16"
#5	26"	20"
#6	30"	24"
#7	43"	33"
#8	50"	38"
#9	56"	42"
#10	62"	48"
#11	69"	54"

NOTES:–

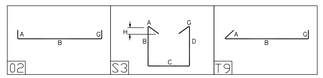
1. TYPICAL CLEARANCES
   A). FOR BEAM STIRRUPS AT ALL SIDES – 1 1/2"
   B). FOR SLAB TOP & BOTTOM – 2"
   C). FOR CURB AT ALL SIDES – 2"
   D). FOR COLUMN TIES AT ALL SIDES – 1 1/2"
   E). FOR STAIR TOP & BOTTOM – 2"
2. GC. PLEASE VERIFY THE ALL CLOUDED ITEMS
3. CUT TO FIT AT SITE AS REQUIRED
4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
5. TILT HOOK TO ACCOMODATE THE COVER, IF NEED

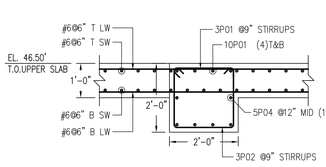
REFERENCE DRAWINGS

FOR UPPER PLAN SLAB BOTTOM SW REINFORCING DETAILS REFER DRAWING #34
FOR UPPER PLAN SLAB BOTTOM LW REINFORCING DETAILS REFER DRAWING #35
FOR UPPER PLAN SLAB TOP SW REINFORCING DETAILS REFER DRAWING #36
FOR UPPER PLAN SLAB TOP LW REINFORCING DETAILS REFER DRAWING #37
FOR UPPER PLAN CURB & EQUIPMENT PAD REINFORCING DETAILS REFER DRAWING #38

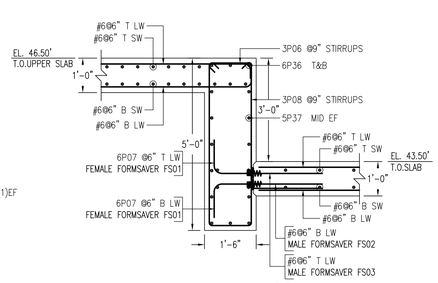
Release Code: 33 — BENDING DETAILS.

Bar Mark	Qty	Size	Total length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3P01	448	#3	25'5"	T9	0'4"	1'9"					0'4"					
3P02	448	#3	51'11"	S3	0'4"	1'9"	1'9"	1'9"			0'4"	0'2 ½"				
3P06	69	#3	11'11"	T9	0'4"	1'3"					0'4"					
3P07	41	#3	55'5"	S3	0'4"	1'9"	1'3"	1'9"			0'4"	0'2 ½"				
3P08	28	#3	115'5"	S3	0'4"	4'9"	1'3"	4'9"			0'4"	0'2 ½"				
5P04	32	#5	24'4"	2	0'10"	22'8"					0'10"					
5P26	2	#5	21'10"	2	0'10"	20'2"					0'10"					
5P27	2	#5	17'9"	2	0'10"	16'1"					0'10"					
5P37	10	#5	22'10"	2	0'10"	21'2"					0'10"					
6P36	6	#6	23'2"	2	1'0"	21'2"					1'0"					
9P01	6	#9	23'4"	2	1'7"	20'2"					1'7"					
9P02	6	#9	19'3"	2	1'7"	16'1"					1'7"					
10P01	128	#10	26'4"	2	1'10"	22'8"					1'10"					

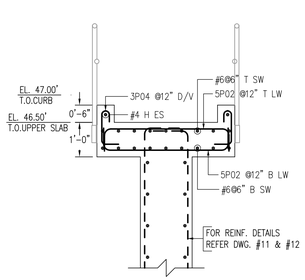




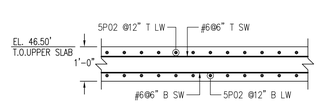
SECTION A / 33
SCALE =1/2" = 1'-0"
REF : H/12S07



SECTION B / 33
SCALE =1/2" = 1'-0"
REF : H/12S07



SECTION C / 33
SCALE =1/2" = 1'-0"
REF : 10/12S11



SECTION D / 33
SCALE =1/2" = 1'-0"
REF : S127/(TYP.)

FOR FILE AND FIELD USE

NOTICE

SHORTAGES,IMPROPER FABRICATION OR CLAIMS FOR ANY REASON MUST BE REPORTED TO G.PROULX .LLC.WITHIN A PERIOD OF 5 DAYS OF DELIVERY.G.PROULX .LLC RESERVES THE RIGHT TO FIELD INSPECT PRIOR TO REPLACEMENT OR RECONDITIONING OF NONCONFORMING MATERIAL, AND WILL NOT HONOR CHARGES FOR WORK DONE IN THE FIELD WITHOUT SPECIFIC AUTORIZATION FROM THIS COMPANY.REINFORCING STEEL PLACING DRAWING ONLY.USE IN CONJUCTION WITH CONTRACT DRAWINGS,SPECIFICATIONS,ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY THE ENGINEER OR THE CONTRACTOR THE DETAILING OF THIS PLAN IS DONE IN CONJUCTION WITH STRUCTURALS AND IN SOME CASES WITH ARCHITECTURALS IF PROVIDED. ALL DIMENSIONS & QUANTITIES ARE TO BE THE CONTRACTORS RESPONSABILITY.G.PROULX .LLC. WILL NOT BE HELD RESPONSIBLE FOR ANY SHOP DRAWINGS THAT ARE SUBMITTED FOR APPROVAL ARE NOT APPROVED BY THE CONTRACTOR PRIOR TO RELEASE OF REBAR.

G.PROULX
BUILDING PRODUCTS LLC
LUMBER REBAR ACCESSORIES
3125 SOUTH ANDREWS AVENUE
FORT LAUDERDALE, FL 33316
PHONE: (954) 922-1429 FAX: (954) 922-1698

REVISIONS		
0	APPROVAL	
5	FILE & FIELD USE	07.03.2025
6	FILE & FIELD USE	09.15.2025
7	FILE & FIELD USE	09.22.2025
4	FILE & FIELD USE	07.02.2025

JOB NAME: DLTWTF TASK ORDER 013
FILTER IMPROVEMENTS

DESCRIPTION: BEAM REINFORCING DETAILS
UPPER LEVEL - FILTER BUILDING

PROJECT No: G24-0610
CUSTOMER: BAKER CONCRETE
ENGINEER: RICHARD C. WARNER

DATE:	BY:	DRWG No:
12.06.2024	CPI	33