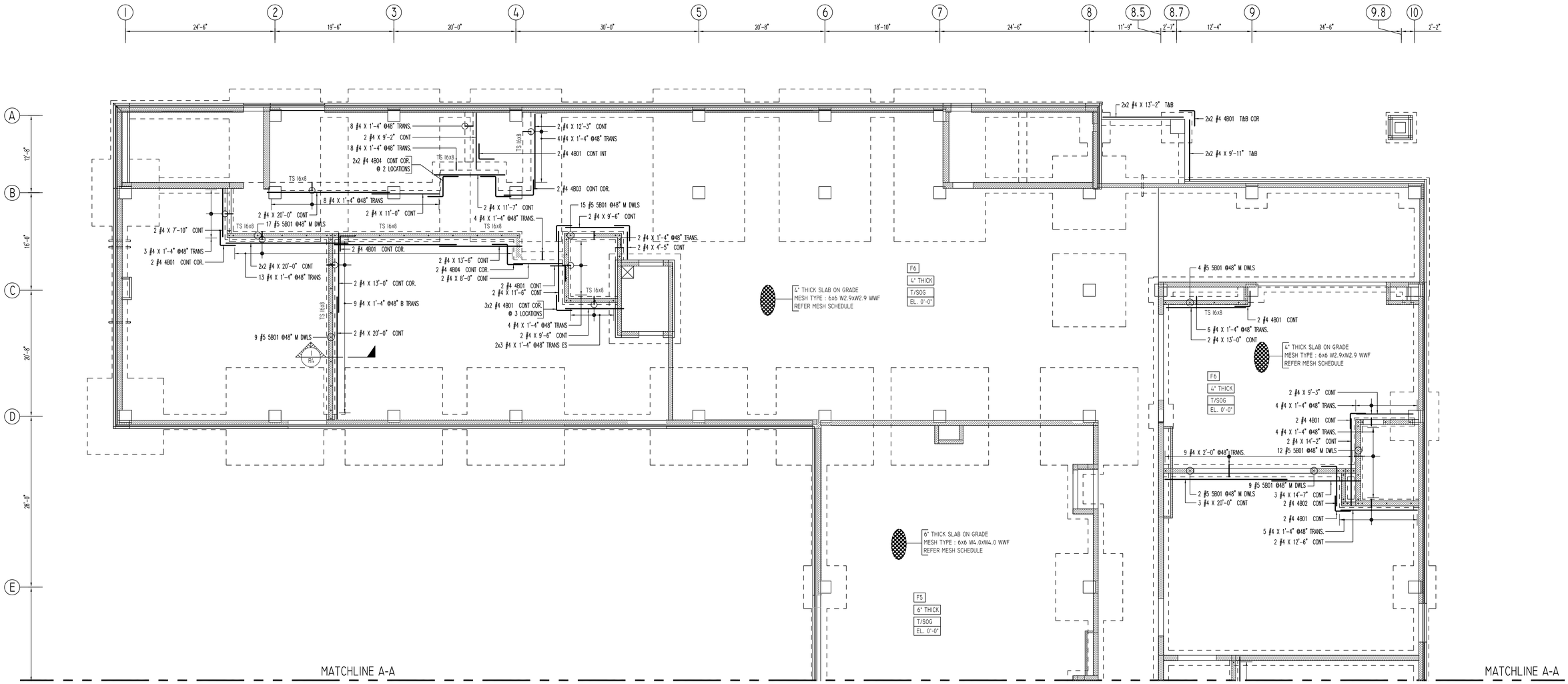


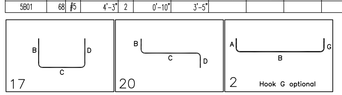
SLAB ON GRADE REINFORCEMENT DETAILS PART-A

SCALE - 1/8"=1'-0"
REF: SI01

Release Number: R3

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B01	24	#4	5'-0"	17		2'-6"	2'-6"									
4B02	2	#4	9'-0"	17		2'-6"	6'-6"									
4B03	2	#4	7'-4"	17		4'-10"	2'-6"									
4B04	6	#4	8'-4"	20		2'-6"	3'-4"	2'-6"								
5B01	68	#5	4'-3"	2	0'-10"	3'-5"										



MESH DETAILS

SLAB MARK	ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
F5	6" THK SLAB ON GRADE	6x6 - W4.0XW4.0 WWF	10	1005 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)
F6	4" THK SLAB ON GRADE	6x6 - W2.9XW2.9 WWF	95	13200 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)

LAP SCHEDULE FDN & SOG

SIZE	3500 PSI
#3	21"
#4	28"
#5	35"
#6	42"
#7	75"
#8	86"
#9	97"

LAP SCHEDULE WALL

SIZE	4500 PSI
#3	19"
#4	24"
#5	31"
#6	37"
#7	67"
#8	76"
#9	85"

LAP SCHEDULE MASONRY

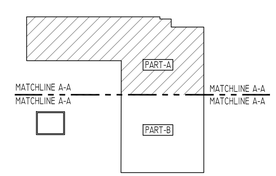
SIZE	2500 PSI
#3	18"
#4	24"
#5	30"
#6	36"
#7	68"
#8	78"

A/E PLEASE VERIFY THE LAP SCHEDULE FOLLOWED

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH/SIDE	3" CLR
FOOTING TOP	2" CLR
PIER	2" CLR

A/E PLEASE VERIFY THE COVER DETAILS FOLLOWED

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED



AREA KEY PLAN

SCALE - NTS

Abbreviations:

I.F.=Inside Face	OPNG=Opening
O.F.=Outside Face	BAL: Balance
E.F.=Each Face	BTW:Between
DWL=Dowel	CJ=Construction Joint
V=Vertical	CLR: CLEARANCE
H=Horizontal	CMU= Concrete Masonry Unit
C.B.=Corner Bar	CONT.=Continuous
S.DWL.=Slab Dowel	EA.=Each
E.W.=Each Way	Elev.=Elevation
B/BOT.=Bottom	EMB=Embedment
T=Top	SW = Short Way
MDWL= Masonry Dowel	LW=Long Way
B.B.=Bond Beam	(BL)=Black Bar
ALT: Alternate	(EP)=Epoxy Bar
Approx: Approximate	(GA)= Galvanized

NOTICE

Shortages, improper fabrication or claims for any other reason must be reported to this company within a periodof 15 days of delivery. This company 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 authorization from this company.

REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION 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 ENGINEER OR CONTRACTOR.

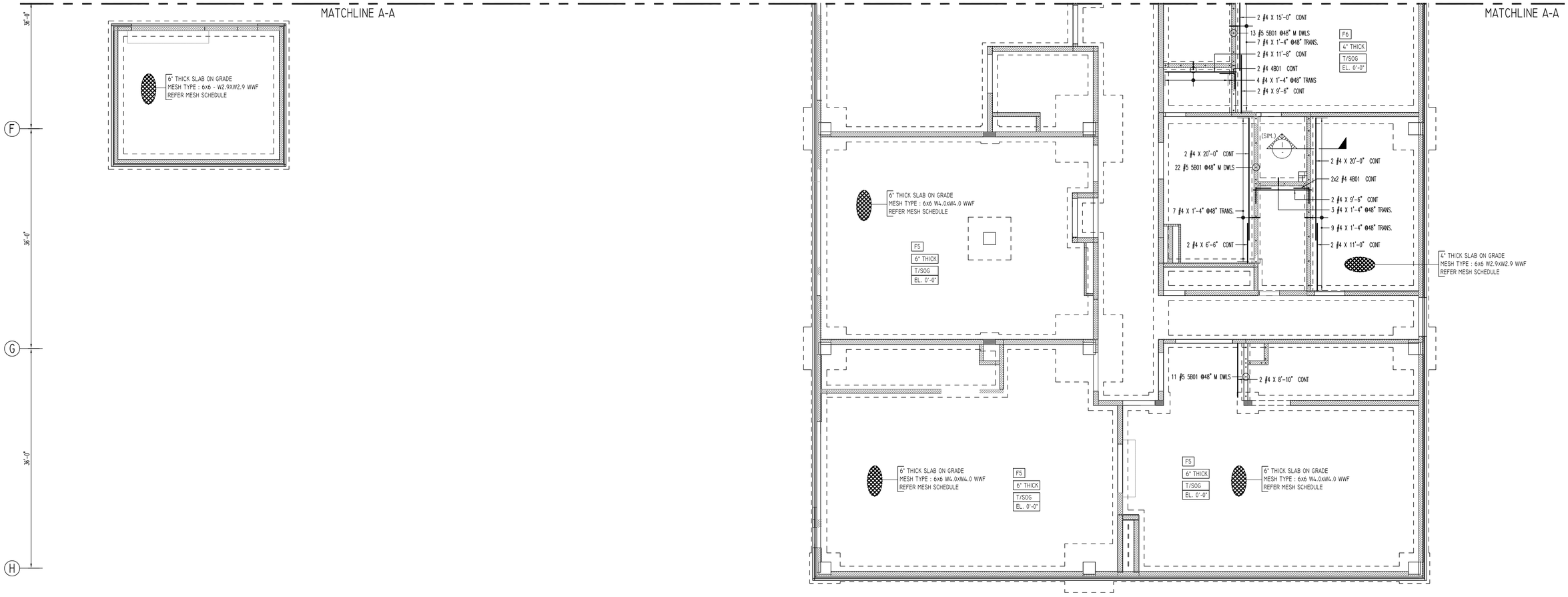
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	06/04/2021

PROJECT	WORWIC COMMUNITY COLLEGE APPLIED APPLIED TECHNOLOGY BUILDING
LOCATION	32000 CAMPUS DRIVE, SALISBURY, MARYLAND 21804
ARCHITECT	BECKER MORGAN GROUP
ENGINEER	BECKER MORGAN GROUP
CUSTOMER	–

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
MRS	06/04/21	T/L	–

DRAWING TITLE: SLAB ON GRADE REINFORCEMENT DETAILS PART-A

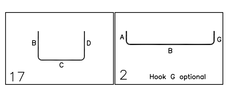
DRAWING NO. : R3



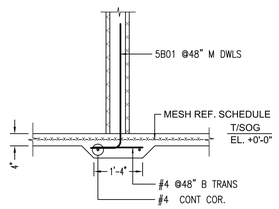
SLAB ON GRADE REINFORCEMENT DETAILS PART-B

SCALE - 1/8"=1'-0"
REF: S101

Release Number: R4				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B01	6	#4	5'-0"	17		2'-6"	2'-6"									
5B01	46	#5	4'-3"	2	0'-10"	3'-5"										

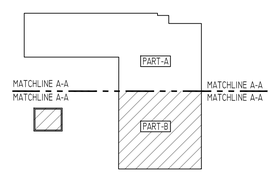


MESH DETAILS					
SLAB MARK	ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
F5	6" THK SLAB ON GRADE	6x6 - W4.0XW4.0 W.W.F	53	7075 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)
F6	4" THK SLAB ON GRADE	6x6 - W2.9XW2.9 W.W.F	25	3075 SQ.FT	8'-0 X 20'-0" SHEET SIZE (15% LAP ADDED)



SECTION 1

SCALE: 1/2" = 1'-0"
REF: S101& 4/S501



AREA KEY PLAN

SCALE - NTS

LAP SCHEDULE FDN & SOG	
SIZE	3500 PSI
#3	21"
#4	28"
#5	35"
#6	42"
#7	75"
#8	86"
#9	97"

LAP SCHEDULE WALL	
SIZE	4500 PSI
#3	19"
#4	24"
#5	31"
#6	37"
#7	67"
#8	76"
#9	85"

LAP SCHEDULE MASONRY	
SIZE	2500 PSI
#3	18"
#4	24"
#5	30"
#6	36"
#7	68"
#8	78"

A/E PLEASE VERIFY THE LAP SCHEDULE FOLLOWED

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTINGS AGAINST EARTH/SIDE	3" CLR
FOOTING TOP	2" CLR
PIER	2" CLR

A/E PLEASE VERIFY THE COVER DETAILS FOLLOWED

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

Abbreviations:

I.F.=Inside Face	OPNG=Opening
O.F.=Outside Face	BAL: Balance
E.F.=Each Face	BTW:Between
DWL=Dowel	CJ=Construction Joint
V=Vertical	CLR: CLEARANCE
H=Horizontal	CMU= Concrete Masonry Unit
C.B.=Corner Bar	CONT.=Continuous
S.DWL.=Slab Dowel	EA.=Each
E.W.=Each Way	Elev.=Elevation
B/BOT.=Bottom	EMB=Embedment
T=Top	SW = Short Way
MDWL= Masonry Dowel	LW=Long Way
B.B.=Bond Beam	(BL)=Black Bar
ALT: Alternate	(EP)=Epoxy Bar
Approx: Approximate	(GA)= Galvanized

NOTICE

Shortages, improper fabrication or claims for any other reason must be reported to this company within a periodof 15 days of delivery. This company 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 authorization from this company.

REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION 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 ENGINEER OR CONTRACTOR.

REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	06/04/2021

PROJECT	WORWIC COMMUNITY COLLEGE APPLIED APPLIED TECHNOLOGY BUILDING
LOCATION	32000 CAMPUS DRIVE, SALISBURY, MARYLAND 21804
ARCHITECT	BECKER MORGAN GROUP
ENGINEER	BECKER MORGAN GROUP
CUSTOMER	–

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
MRS	06/04/21	T/L	–

DRAWING TITLE : SLAB ON GRADE REINFORCEMENT DETAILS PART-B

DRAWING NO. : R4