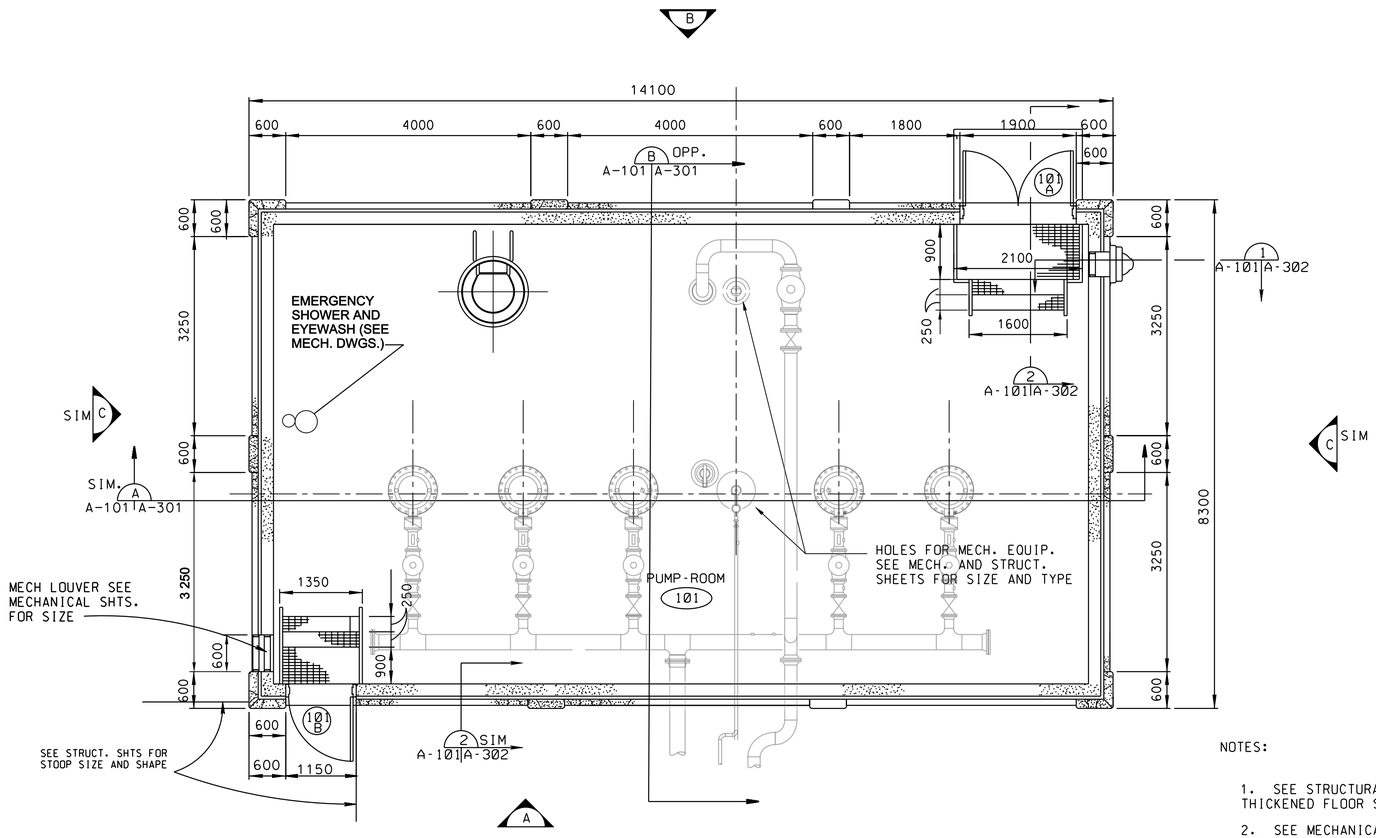


FLOOR PLAN
PUMPHOUSE TWO

0 1000 2000 MM
SCALE: 1 : 50

NOTES:

1. SEE STRUCTURAL DRAWINGS FOR DIMENSIONS AND DETAILS OF THICKENED FLOOR SLABS, EQUIPMENT PADS, AND PIPE MOUNTS.
2. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EQUIPMENT. INCLUDING FLOOR DRAINS, PAD MOUNTING, AND PUMP LOCATIONS.
3. CONTRACTOR SHALL COORDINATE ALL JOINT LOCATIONS WITH MECHANICAL EQUIPMENT AND PIPE PENETRATIONS.
4. DIMENSIONS ARE TO FACE OF CONCRETE, AND FACE OF PRECAST CONCRETE PANELS.
5. PRECAST PANELS ARE INDICATED ON THE DRAWINGS AS BEING MINIMUM THICKNESS OF 100mm. SELECTION AND APPROVAL OF A DIFFERENT SIZE PANEL THE CONTRACTOR WILL NEED TO ADJUST ALL BUILDING DIMENSTIONS TO ACCOMODATE THE THICKER PANEL. THIS WILL INCLUDE BUT NOT LIMITED TO OVERALL DIMENSIONS, WALL THICKNESS DIMENSIONS, AND FOUNDATION DIMENSIONS.
6. SEE SHEET A-201 FOR BUILDING ELEVATIONS
7. PROVIDE A MINIMUM OF TWO FIRE EXTINGUISHER WITHJ MOUNTING BRACKETS, LOCATE ONE NEAR EACH DOOR.
8. CONFORM TO THE INSTALLATION DESIGN GUIDE AND ARCHITECTURAL COMPATIBILITY STANDARDS FOR ALL APPLICABLE REQUIREMENTS.

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

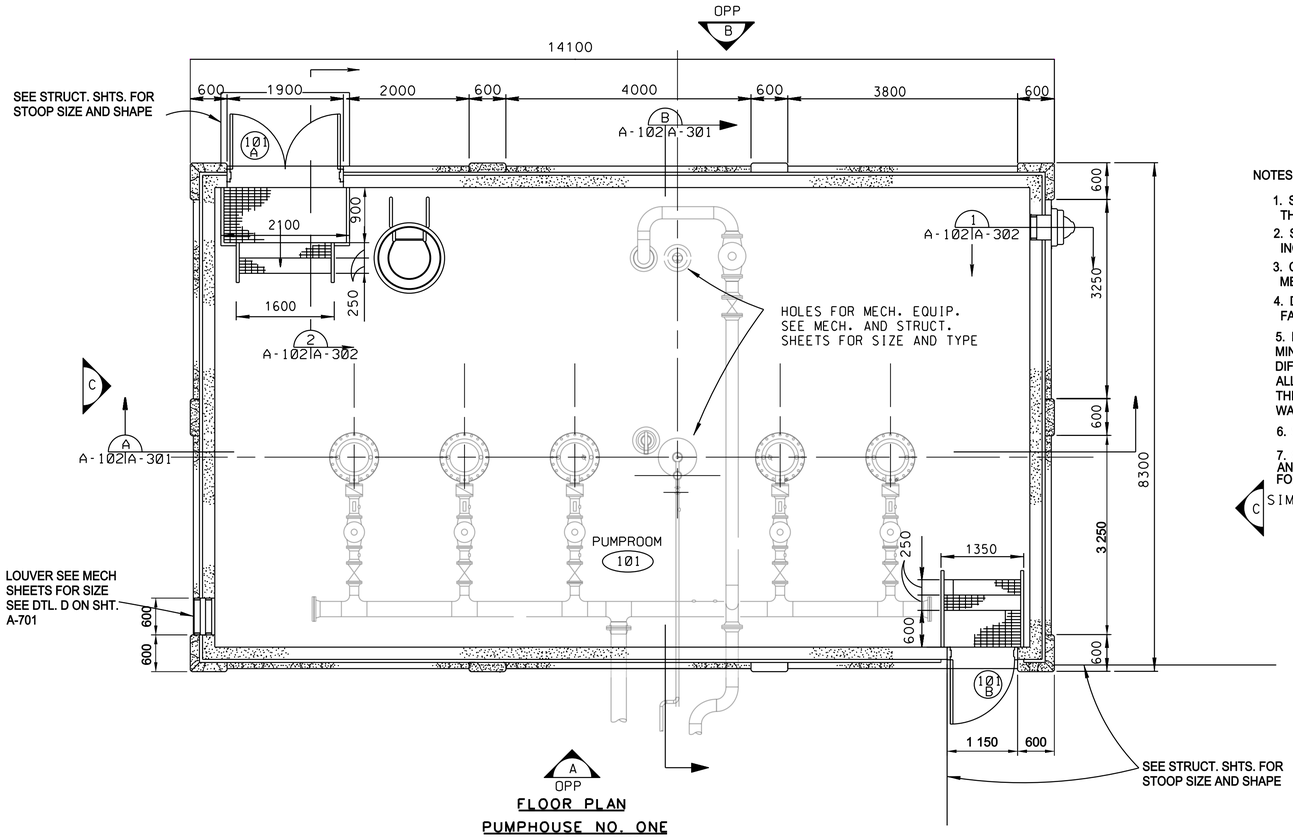
DESIGNED BY: M.D.MORRISON | DATE: JULY 2010
DWN BY: M.D.M. | CKD BY: C.F.B. | SOLICITATION NO.: Y
SUBMITTED BY: C.F.B. | CONTRACT NO.: Y
FILE NAME: 00394-101.dwg | FILE NUMBER: K
SIZE: 841x559 | PLOT SCALE: 25 13/32 / in. | PLOT DATE: 6/29/2010

DOD, CUTN'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

FLOOR PLAN
PUMPHOUSE TWO

SHEET IDENTIFICATION NUMBER
A-101

I:\dwgs\arch\00394-101.dwg
g6edsmdm



A
OPP

FLOOR PLAN
PUMPHOUSE NO. ONE

0 1000 2000 MM
SCALE: 1 : 50

NOTES:

1. SEE STRUCTURAL DRAWINGS FOR DIMENSIONS AND DETAILS OF THICKENED FLOOR SLABS, EQUIPMENT PADS, AND PIPE MOUNTS.
2. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EQUIPMENT. INCLUDING FLOOR DRAINS, PAD MOUNTING, AND PUMP LOCATIONS.
3. CONTRACTOR SHALL COORDINATE ALL JOINT LOCATIONS WITH MECHANICAL EQUIPMENT AND PIPE PENETRATIONS.
4. DIMENSIONS ARE TO FACE OF STEEL, FACE OF CONCRETE, AND FACE OF PRECAST CONCRETE PANELS.
5. PRECAST PANELS ARE INDICATED ON THE DRAWINGS AS BEING MINIMUM THICKNESS OF 100mm. SELECTION AND APPROVAL OF A DIFFERENT SIZE PANEL THE CONTRACTOR WILL NEED TO ADJUST ALL BUILDING DIMENSTIONS TO ACCOMODATE THE THICKER PANEL. THIS WILL INCLUDE BUT NOT LIMITED TO OVERALL DIMENSIONS, WALL THICKNESS DIMENSIONS, AND FOUNDATION DIMENSIONS.
6. SEE SHEET A-201 FOR BUILDING ELEVATIONS.
7. CONFORM TO THE INSTALLATION DESIGN GUIDES AND ARCHITECTURAL COMPATIBILITY STANDARDS FOR ALL APPLICABLE REQUIREMENTS.

C SIM

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

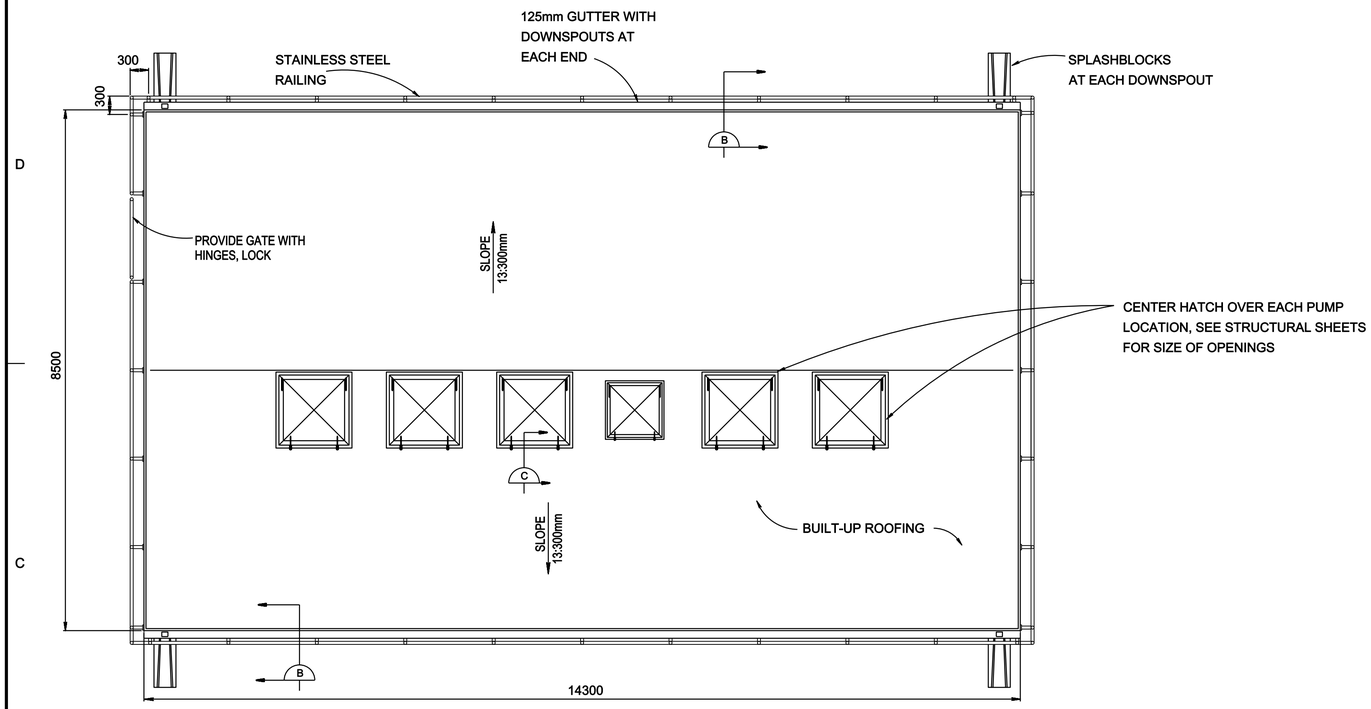
DESIGNED BY: X	DATE: JULY 2010
DWN BY: X	CKD BY: X	SOLICITATION NO.: Y
SUBMITTED BY: X	CONTRACT NO.: Y
FILE NAME: OD39A-102.dwg	FILE NUMBER: X
SIZE: 841x569	PLOT SCALE: 25 / in.	PLOT DATE: 6/29/2010

DOD, CUT'N'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

FLOOR PLAN
PUMPHOUSE ONE

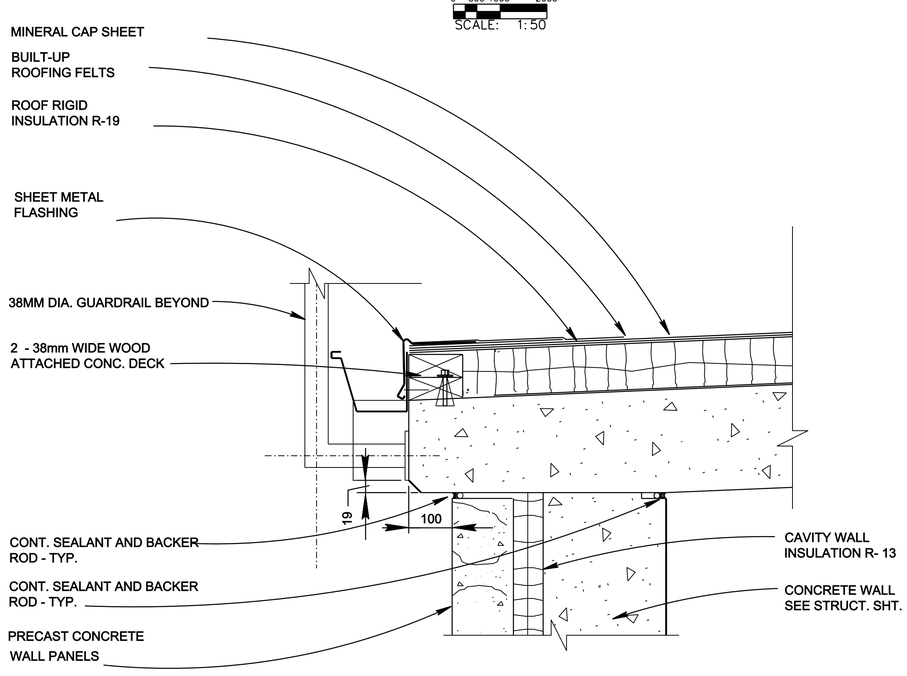
SHEET
IDENTIFICATION
NUMBER
A-102

g6edkmdm I:\dwgs\arch\OD39A-102.dwg



ROOF PLAN

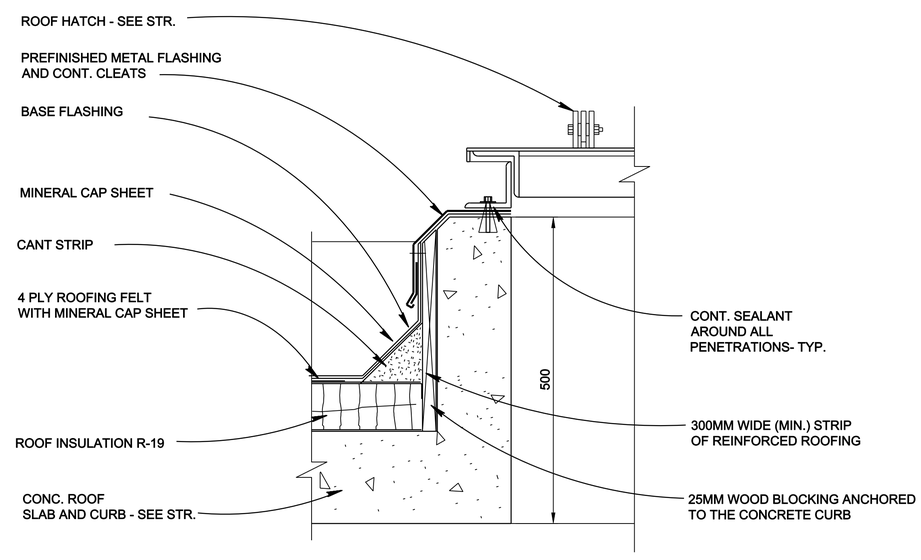
0 500 1000 2000
SCALE: 1:50



ROOF DETAILS

0 50 100 200
SCALE: 1:5

B
A-302 | A-131



ROOF DETAILS

0 50 100 200
SCALE: 1:5

C

ROOF DETAILS

0 50 100 200
SCALE: 1:5

A

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

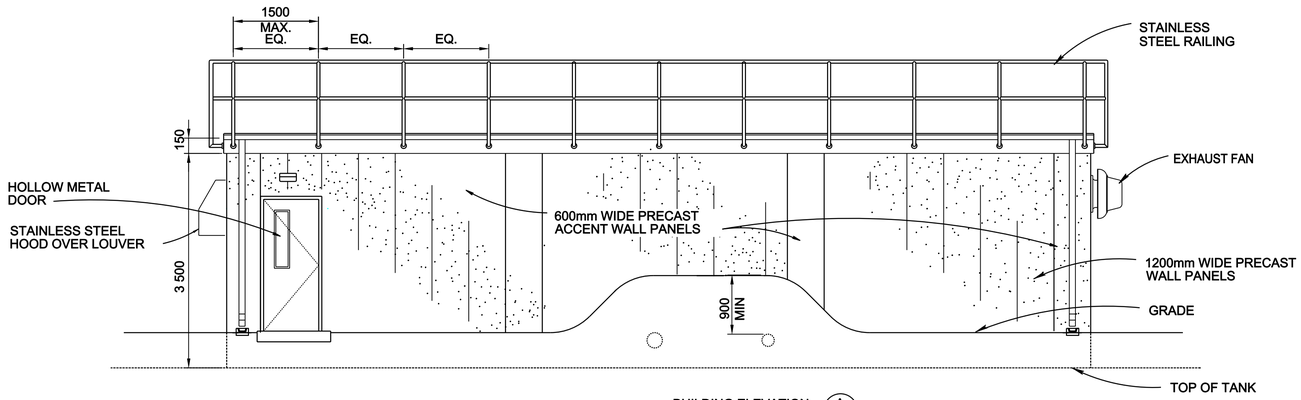
DESIGNED BY: M.D.MORRISON
DATE: JULY 2010
DWN BY: M.D.M
CKD BY: C.F.B.
SOLICITATION NO.: Y
SUBMITTED BY: C.F.B.
CONTRACT NO.: Y
FILE NAME: D039A-131.dwg
FILE NUMBER: X
PLOT DATE: 6/29/2010
SIZE: 841x594
PLOT SCALE: 25 / in.

DOD, CUT'N'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

ROOF PLAN
AND DETAILS

SHEET
IDENTIFICATION
NUMBER
A-131

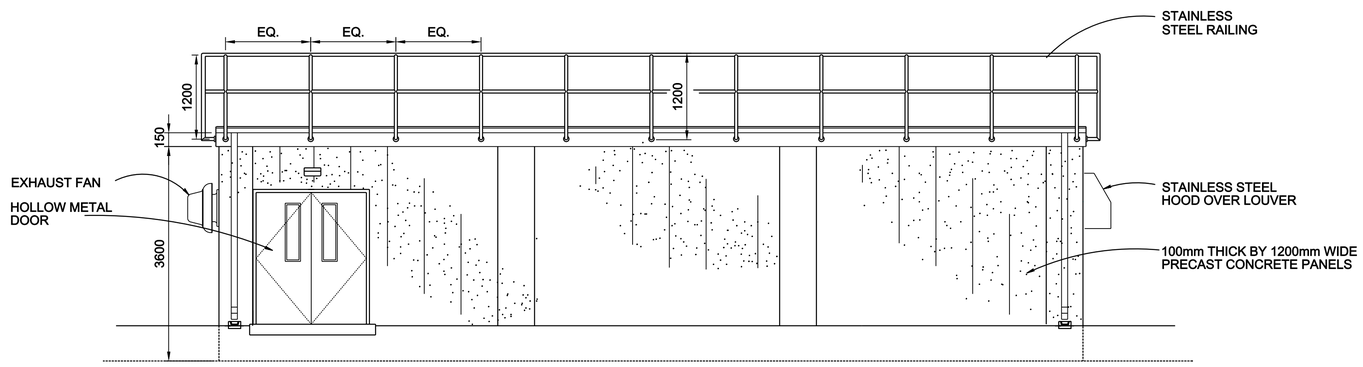
I:\dwgs\arch\D039A-131.dwg
g6edxmdm



BUILDING ELEVATION (A) A-101 | A-201 A-102

0 1000 2000 MM

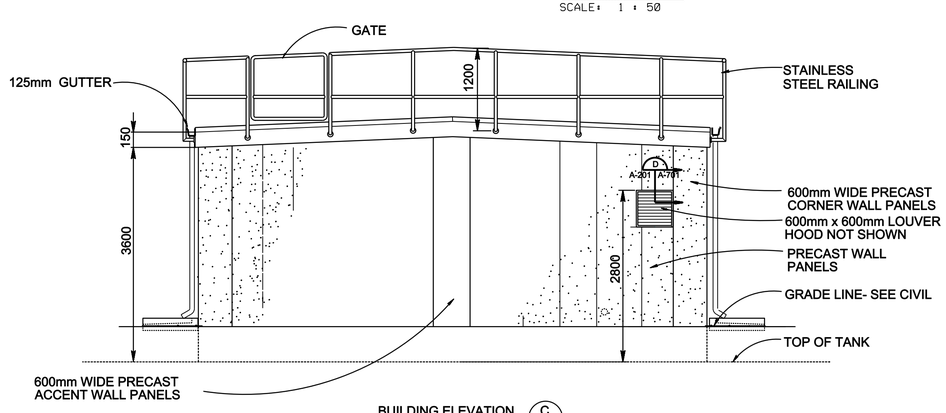
SCALE: 1 : 50



BUILDING ELEVATION (B) A-101 | A-201 A-102

0 1000 2000 MM

SCALE: 1 : 50



BUILDING ELEVATION (C) A-101 | A-201 A-102

0 1000 2000 MM

SCALE: 1 : 50

NOTES:

1. PRECAST PANELS ARE INDICATED ON THE DRAWINGS AS BEING MINIMUM THICKNESS OF 100mm. SELECTION AND APPROVAL OF A DIFFERENT SIZE PANEL THE CONTRACTOR WILL NEED TO ADJUST ALL BUILDING DIMENSTIONS TO ACCOMODATE THE THICKER PANEL. THIS WILL INCLUDE BUT NOT LIMITED TO OVERALL DIMENSIONS, WALL THICKNESS DIMENSIONS, AND FOUNDATION DIMENSIONS.

2. PRECAST MANUFACTURER SHALL VERIFY DOOR AND WALL OPENINGS LOCATIONS. PANELS MAY NEED TO BE ADJUSTED TO ALLOW JIONTS TO LINE WITH DOOR EDGES OR TO ALLOW DOORS TO BE LOCATED CENTERED WITHIN THE PRECAST PANELS.

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

DESIGNED BY: M.D.MORRISON
DATE: JULY 2010
DWN BY: M.D.M.
CKD BY: C.F.B.
SOLICITATION NO.: Y
SUBMITTED BY: C.F.B.
CONTRACT NO.: Y
FILE NAME: 00.39A-201.dwg
FILE NUMBER: K
SIZE: 841x559
PLOT SCALE: 25 / in.
PLOT DATE: 6/29/2010

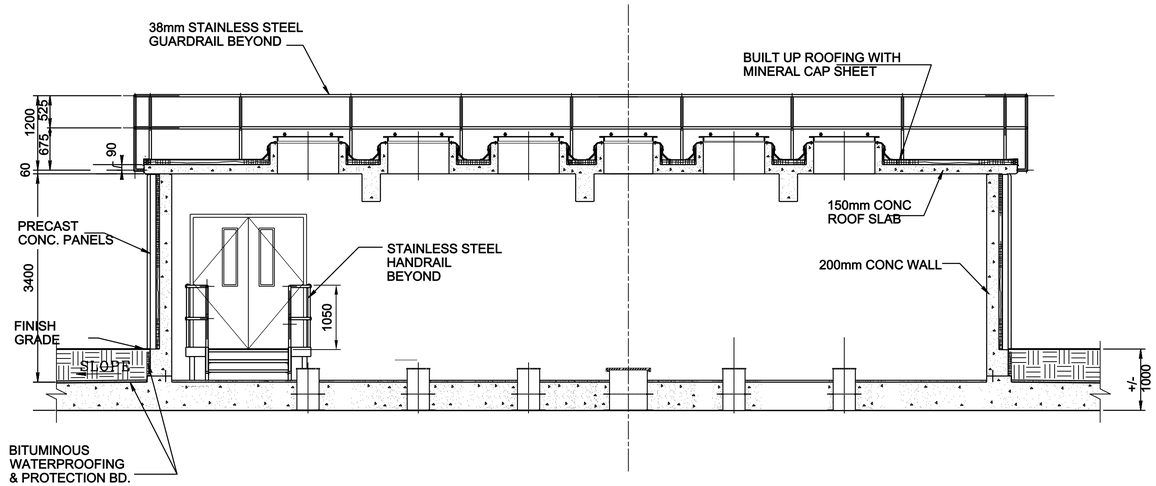
DOD, CUTN'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

BUILDING ELEVATIONS

SHEET
IDENTIFICATION
NUMBER
A-201

I:\dwgs\arch\00.39A-201.dwg

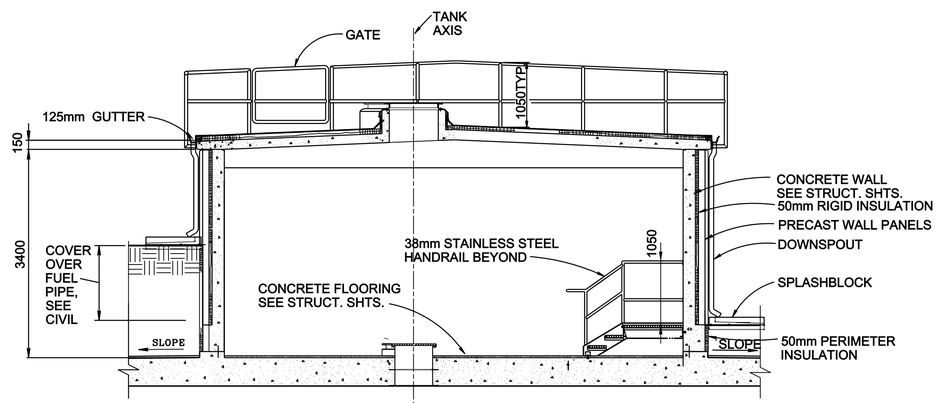
g6edsmdm



BUILDING ELEVATION (A)

0 1000 2000 MM
SCALE: 1 : 50

A-101 | A-301
A-102



BUILDING ELEVATION (B)

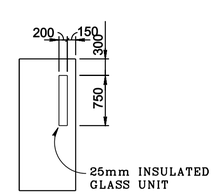
0 1000 2000 MM
SCALE: 1 : 50

A-101 | A-301
A-102

DOOR SCHEDULE

DOOR						FRAME				FIRE LABEL	HDW SET	REMARKS
NO.	TYPE	MAT'L	WIDTH	HEIGHT	THICK	HEAD	JAMB	SILL				
101A	N	HM	900	2150	44	A/A-701	B/A-701	C/A-701	PS		HW-1	PAIR OF H.M. DOORS
101B	N	HM	900	2150	44	A/A-701	B/A-701	C/A-701	PS		HW-2	

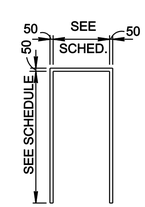
NOTE:
HOLLOW METAL DOORS SHALL BE A MINIMUM OF 16 GAGE STEEL BOTH SIDES.



N

DOOR TYPES

NO SCALE



A

FRAME TYPES

NO SCALE

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

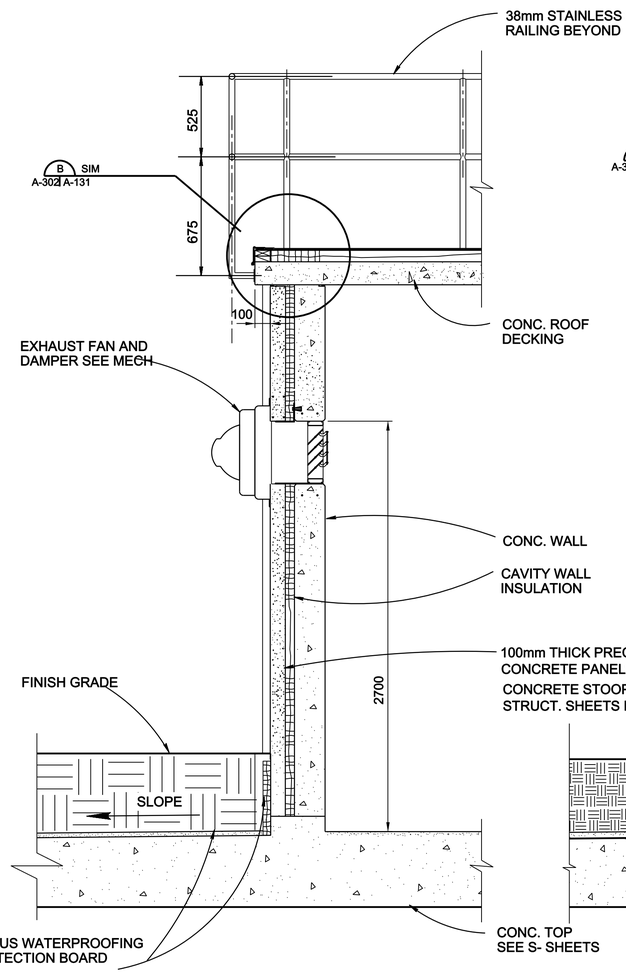
DESIGNED BY: M.D.MORRISON | DATE: JULY 2010
DWN BY: M.D.M. | CKD BY: G.F.B. | SOLICITATION NO.: Y
SUBMITTED BY: G.F.B. | CONTRACT NO.: Y
FILE NAME: OD39A-301.dwg | FILE NUMBER: X
SIZE: 841x559 | PLOT SCALE: 25 / in. | PLOT DATE: 6/29/2010

DOD, CUTN'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

BUILDING SECTIONS
AND DOOR SCHEDULE

SHEET
IDENTIFICATION
NUMBER
A-301

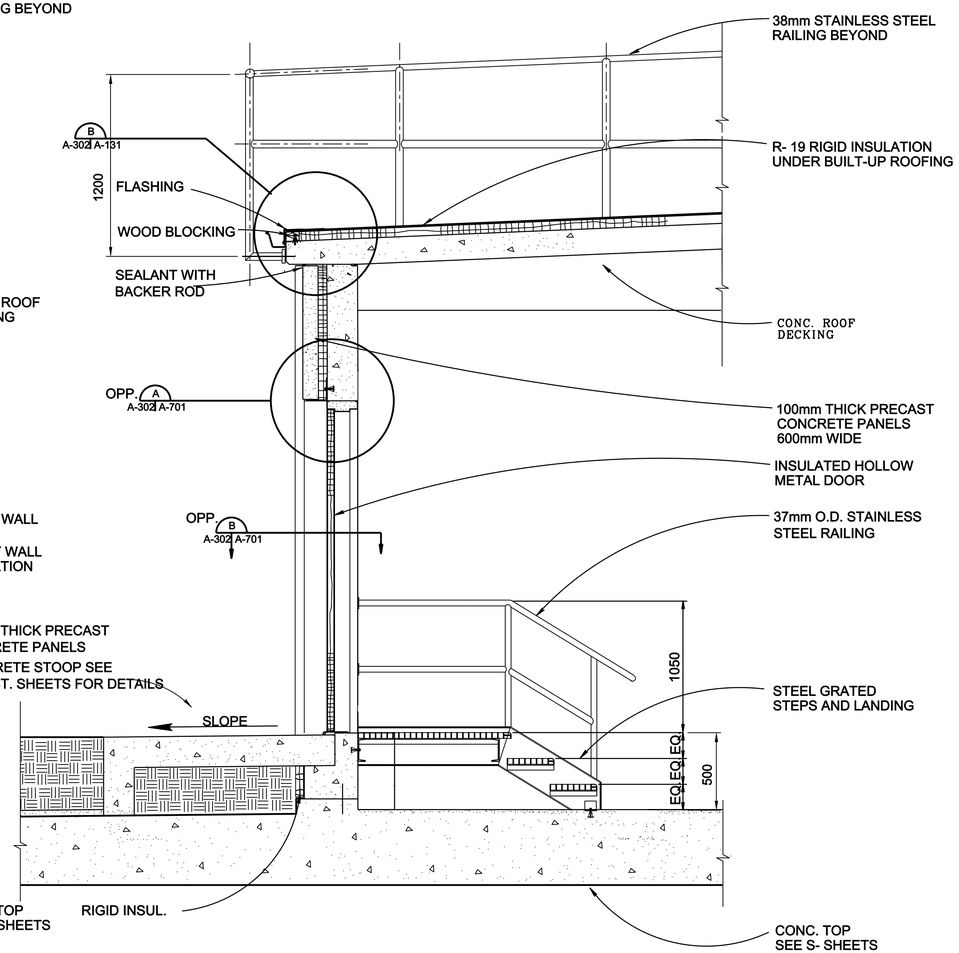
i:\dwgs\arch\OD39A-301.dwg
g6edxmdm



TYPICAL WALL SECTION 1 A-101 A-102 | A-302

0 200 400 600 800 MM

SCALE: 1 : 20



TYPICAL WALL SECTION 2 A-101 A-102 | A-302

0 200 400 600 800 MM

SCALE: 1 : 20

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

DESIGNED BY: M.D.MORRISON
DATE: JULY 2010
DWN BY: M.D.M.
CKD BY: C.F.B.
SOLICITATION NO.: Y
SUBMITTED BY: S.E.B.
CONTRACT NO.: Y
FILE NAME: OD39A-302.dwg
FILE NUMBER: X
SIZE: 841x594
PLOT SCALE: 25 / in.
PLOT DATE: 6/29/2010

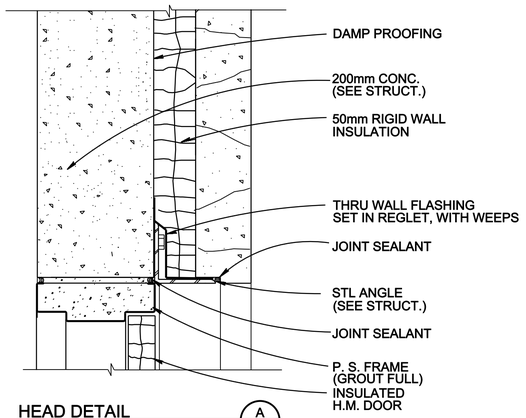
DOD, CUT'N'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

WALL SECTIONS

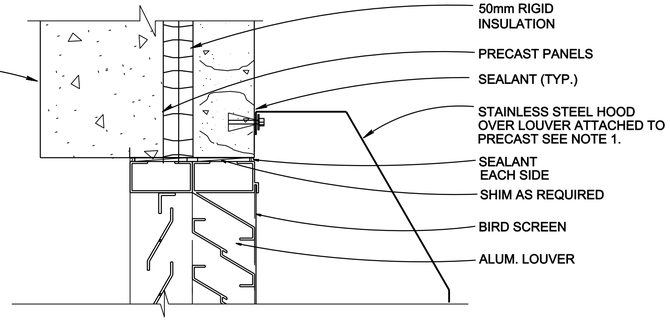
SHEET
IDENTIFICATION
NUMBER
A-302

I:\dwgs\arch\OD39A-302.dwg

g6edkmdm



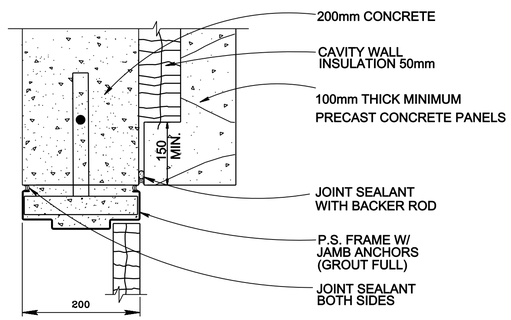
HEAD DETAIL (A) A-301 | A-501
SCALE : 1:5



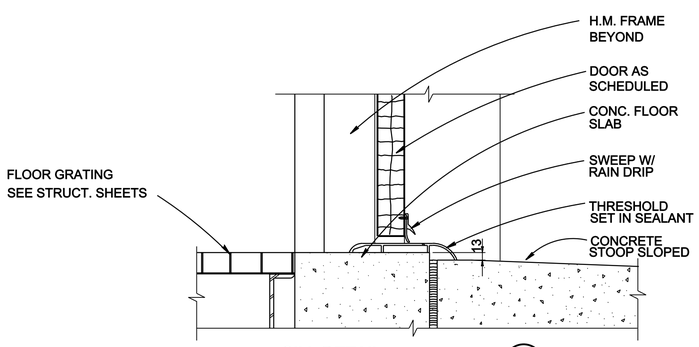
LOUVER HEAD DETAIL (D) A-301 | A-501
SCALE : 1:10

NOTES:

1. HOOD SIZE SHALL BE DESIGNED TO COVER LOUVER COMPLETELY, PROTECT THE LOUVER FROM WEATHER, AND ALLOW FULL VOLUME OF AIR. COORDINATE WITH PRECASTER FOR PANEL DESIGN.



JAMB DETAIL (B) A-301 | A-501
SCALE : 1:5



SILL DETAIL (C) A-301 | A-501
SCALE : 1:5

US ARMY CORPS
OF ENGINEERS
OMAHA DISTRICT

MARK	DESCRIPTION	DATE	APPR.

MARK	DESCRIPTION	DATE	APPR.

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

DESIGNED BY: M.D.MORRISON
DATE: JULY 2010
DWN BY: M.D.M.
CKD BY: C.F.B.
SOLICITATION NO.: Y
SUBMITTED BY: C.F.B.
CONTRACT NO.: Y
FILE NAME: OD39A-501.dwg
FILE NUMBER: X
SIZE: 841x559
PLOT SCALE: 25 / in.
PLOT DATE: 6/29/2010

DOD, CUTN'COVER STANDARDS
STORAGE TANK/PUMPHOUSE

DOOR AND LOUVER DETAILS

SHEET
IDENTIFICATION
NUMBER
A501

I:\dwgs\arch\OD39A-501.dwg
g6edkmdm