

**FY012 PROJ 10 OFFICE REMODELING
PROJECT
S-60 BUILDING (RESIDENCE)**

**100% Design Drawings
Contract No: SIZ25012MO166**

Prepared For



**US Department of State
US Consulate General, Erbil
Kurdistan Region - Iraq**

Prepared by



ENGINEERS | SURVEYORS | PLANNERS

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6 February 2013

SHEET INDEX

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2	EXISTING FIRST FLOOR PLAN
3	EXISTING SECOND FLOOR PLAN
4	EXISTING ROOF PLAN
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SHEET TITLE:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING
INDEX SHEET

PROJECT:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING

DESIGNED BY

CHECKED BY

SCALE:

SHEET

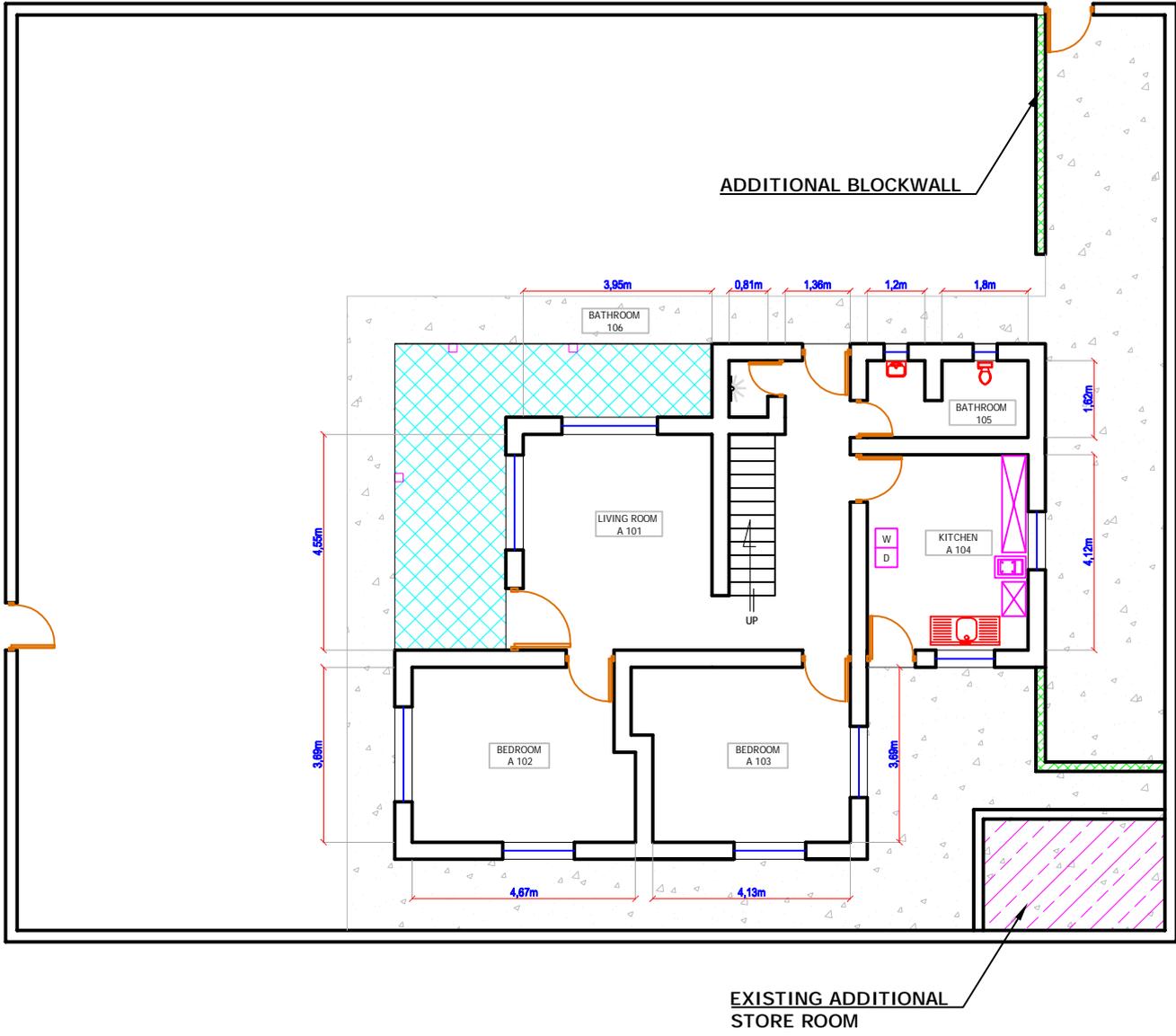
FM CHUCK MADRAY
AND FAC SARHAD BASSIL

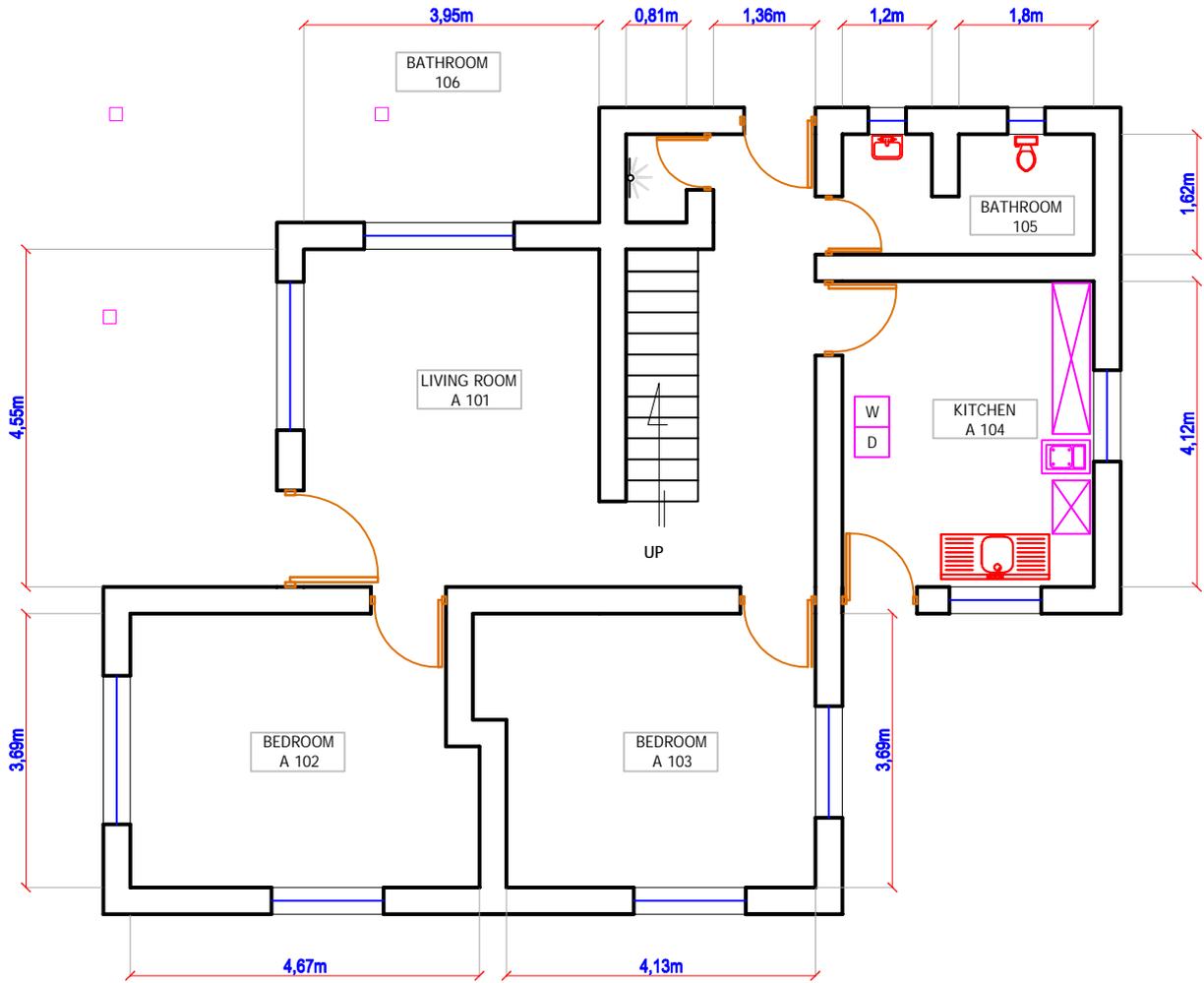
DRAWN BY

DATE

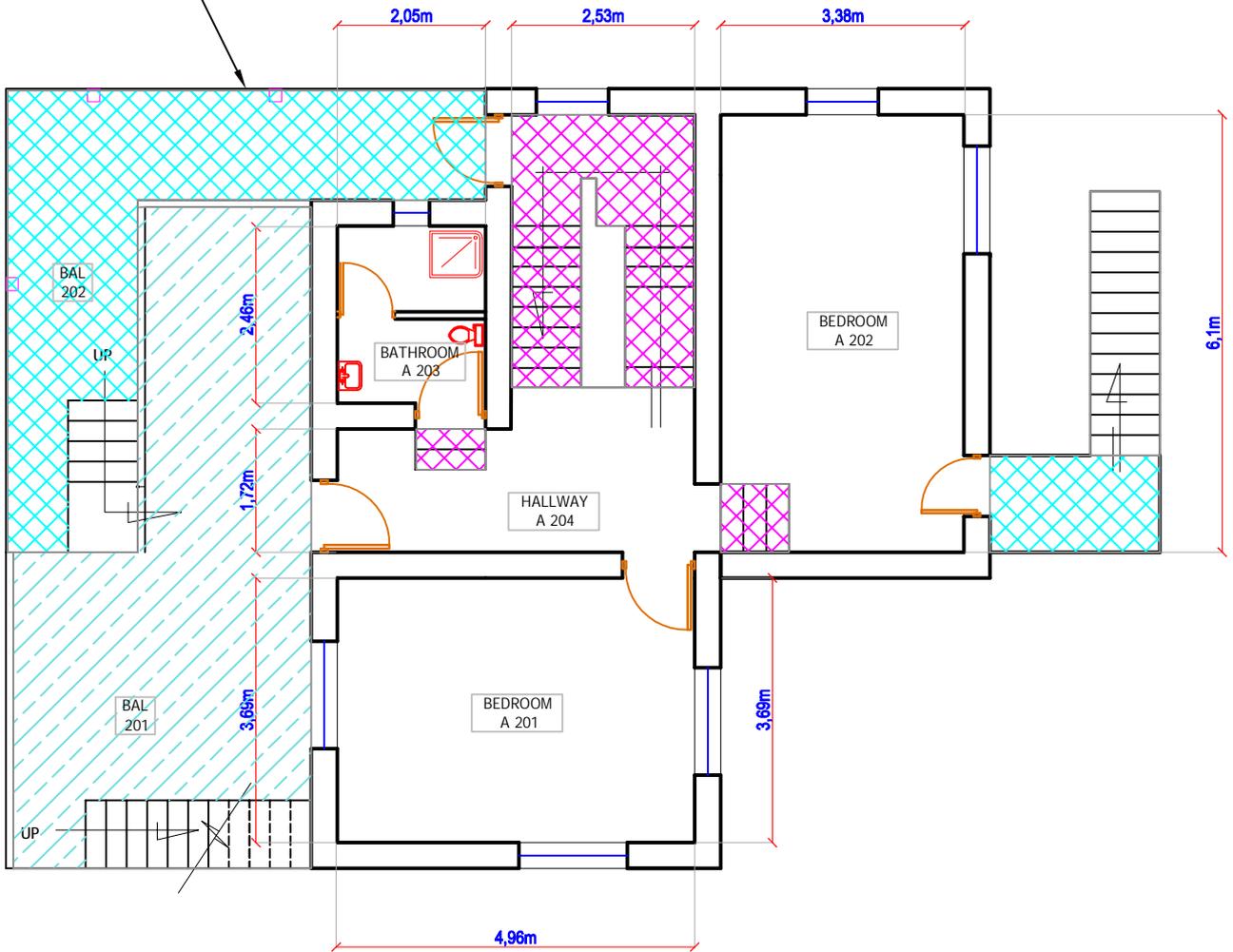
6 FEBRUARY 2013

II
NO. SHEETS





EXISTING HANDRAIL



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SHEET TITLE:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING
EXISTING SECOND FLOOR

PROJECT:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING

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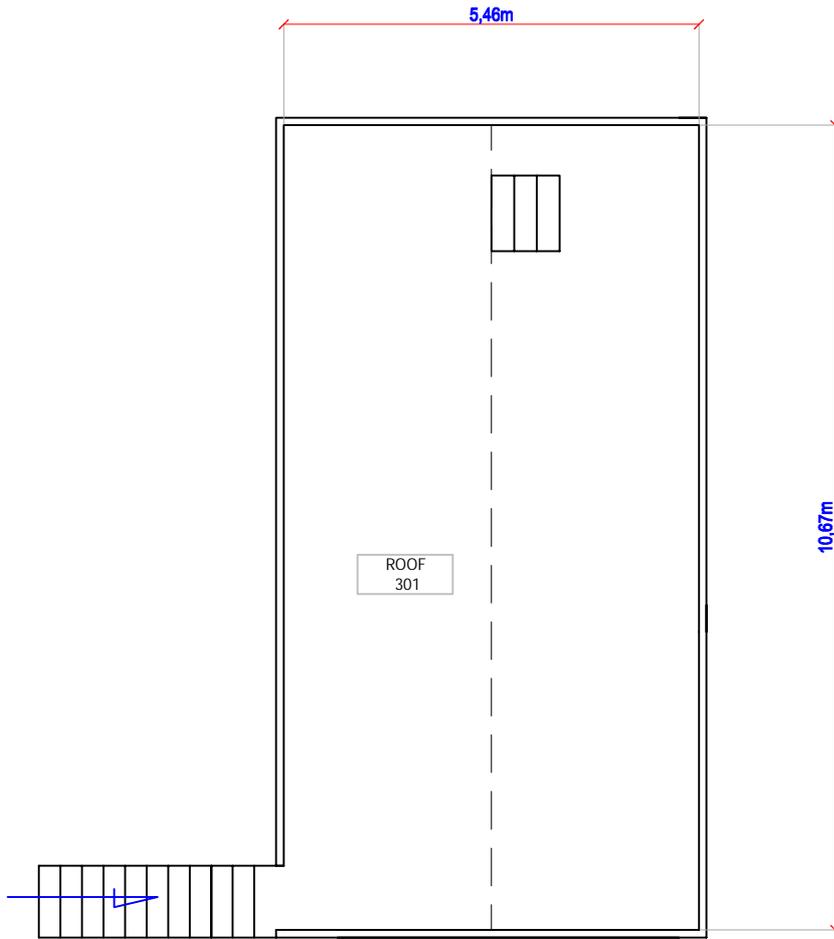
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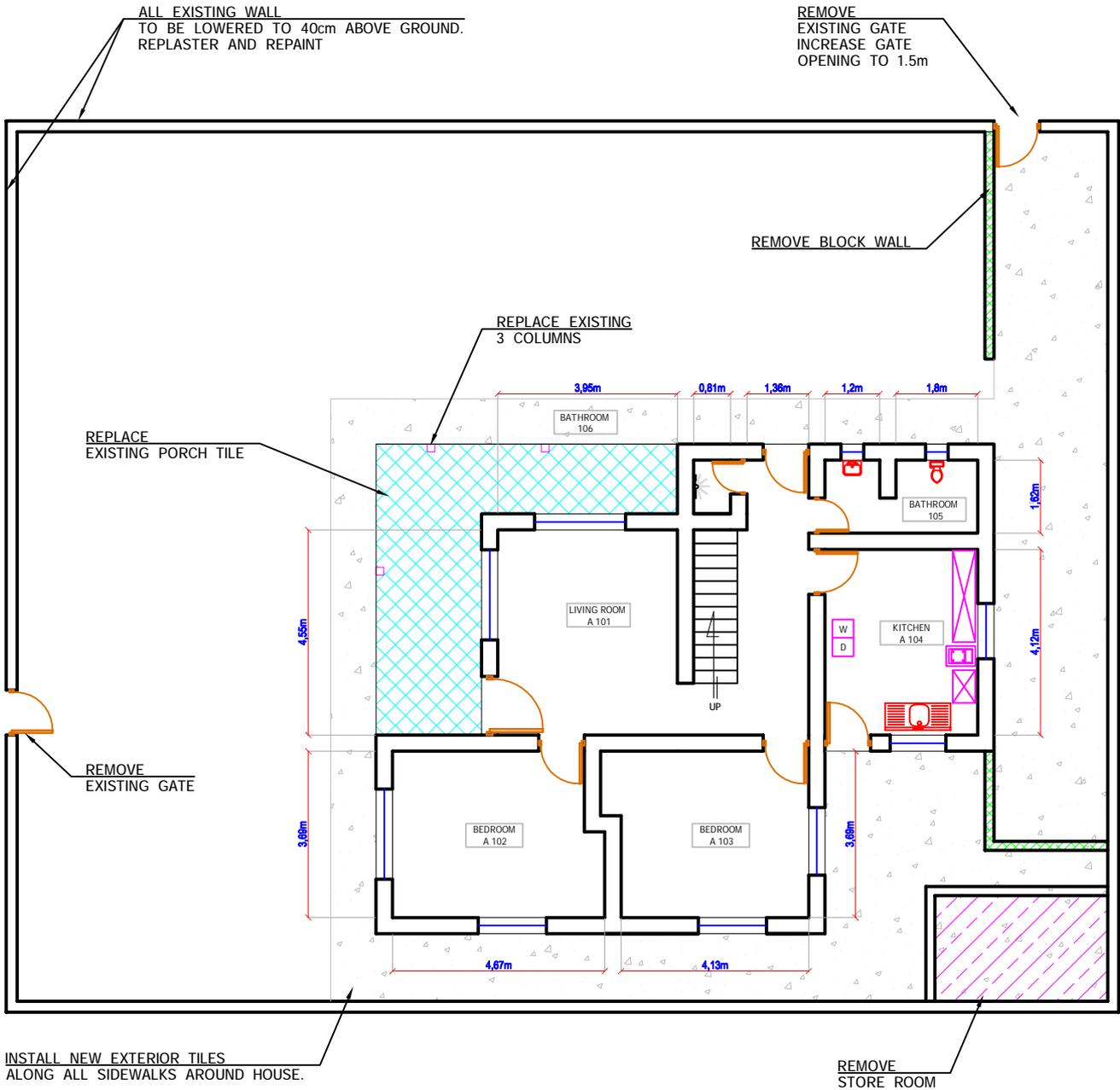
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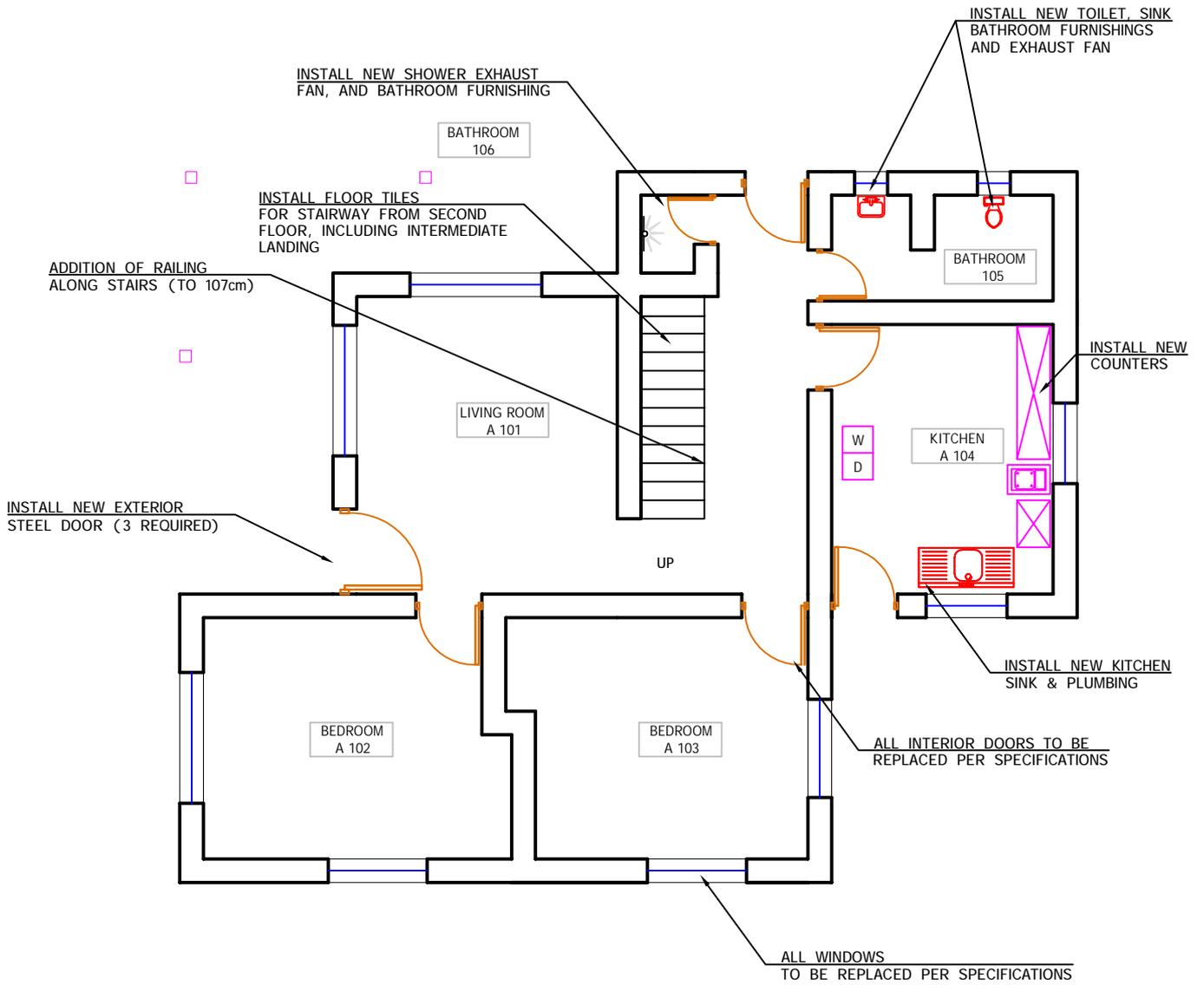
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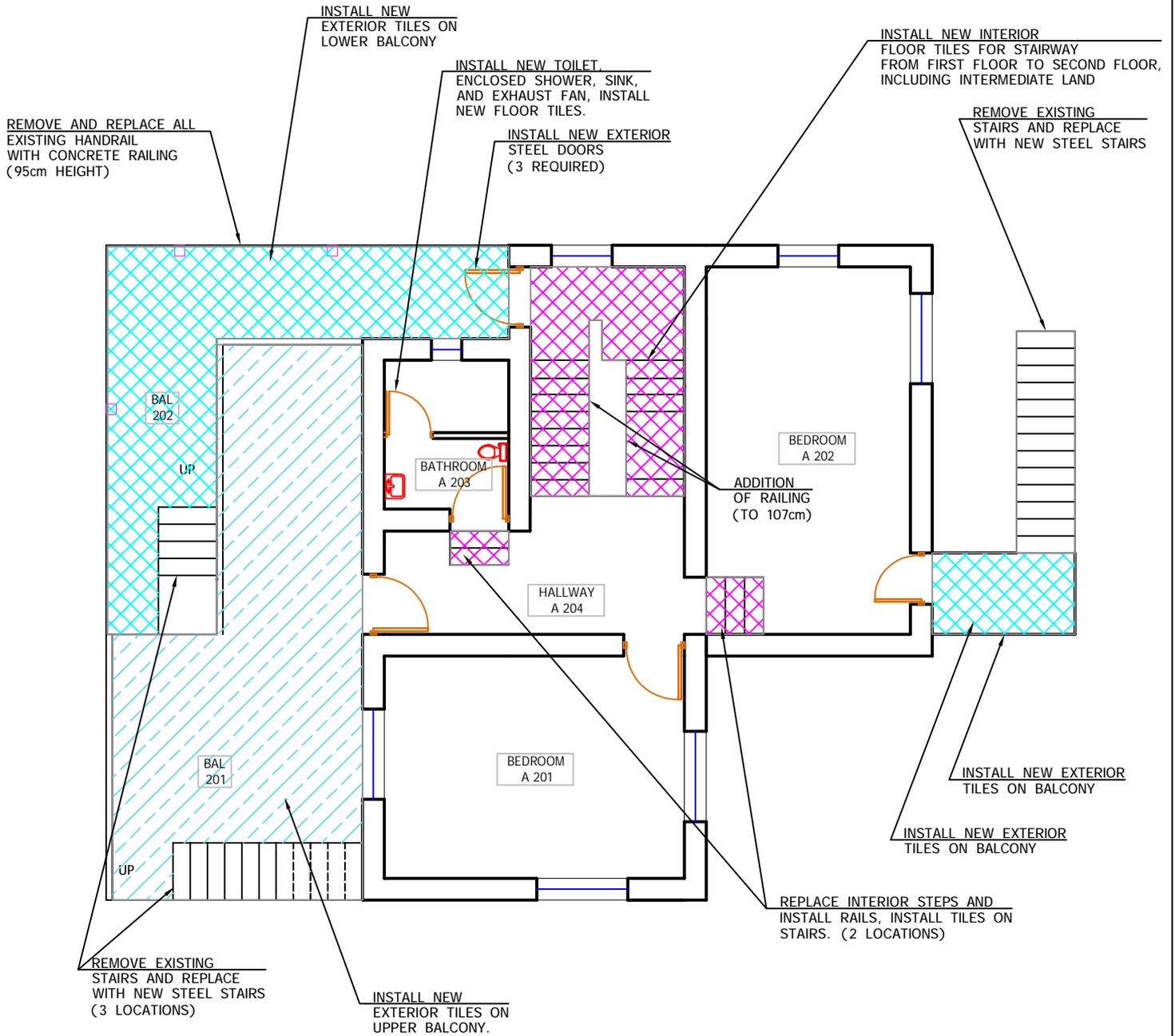
DATE
6 FEBRUARY 2013

NO. **3**
SHEETS





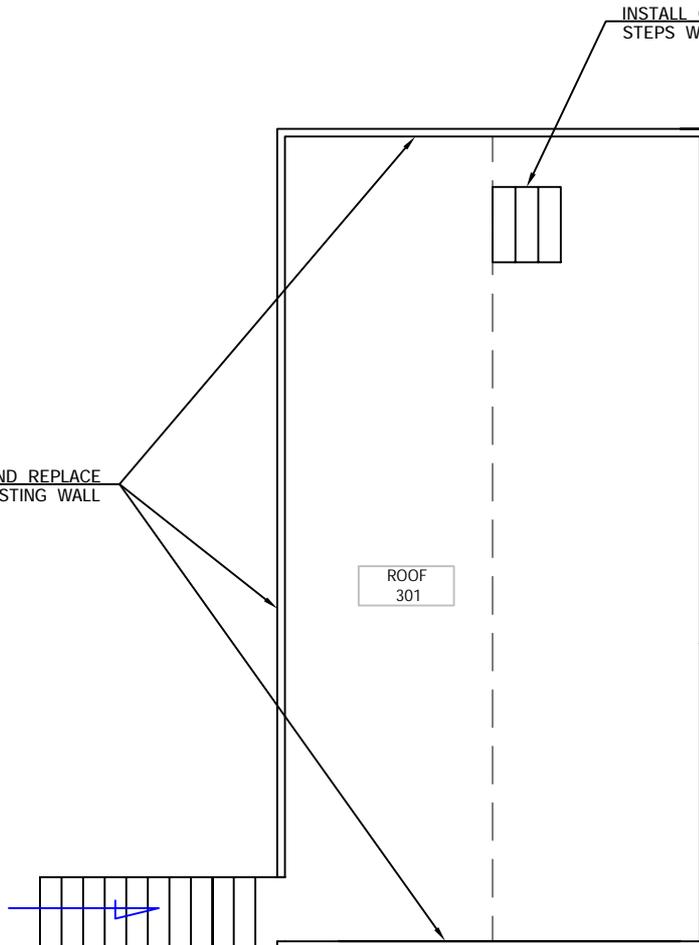




	SHEET TITLE: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING SECOND FLOOR - NEW WORK	DESIGNED BY	CHECKED BY FM CHUCK MADRAY AND FAC SARHAD BASSIL	SCALE: 1 : 100	SHEET
	PROJECT: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING	DRAWN BY	DATE 6 FEBRUARY 2013	<div style="text-align: right;"> NO. 7 SHEETS </div>	

REMOVE AND REPLACE
ENTIRE EXISTING WALL
ON ROOF

INSTALL CONCRETE BLOCK
STEPS WITH RAILING AT SPLIT LEVEL.



ROOF
301

LDA
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SHEET TITLE:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING
ROOF PLAN - NEW WORK

PROJECT:
FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING

DESIGNED BY

DRAWN BY

CHECKED BY

FM CHUCK MADRAY
AND FAC SARHAD BASSIL

DATE

6 FEBRUARY 2013

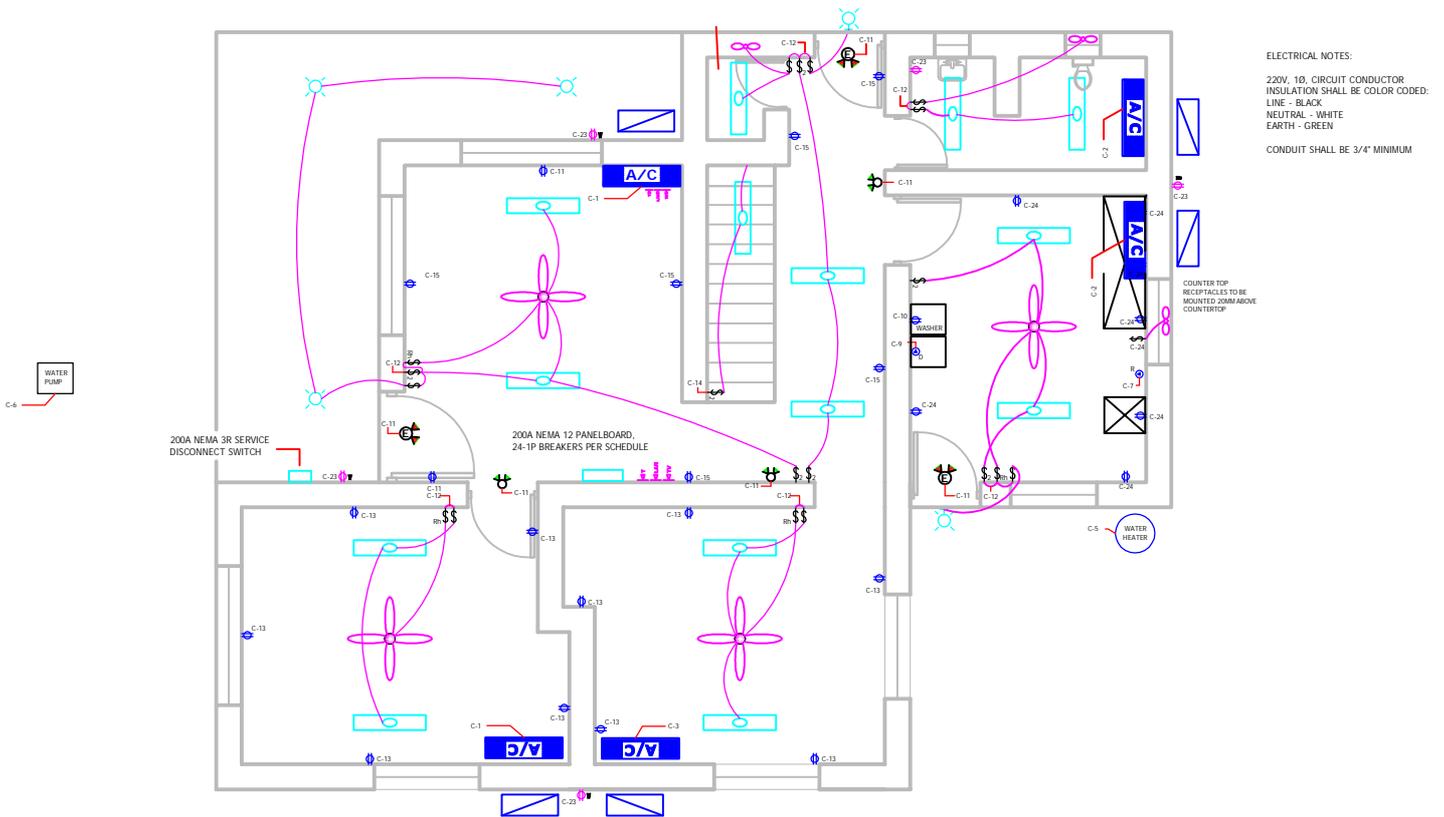
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SHEET

NO. 8 SHEETS

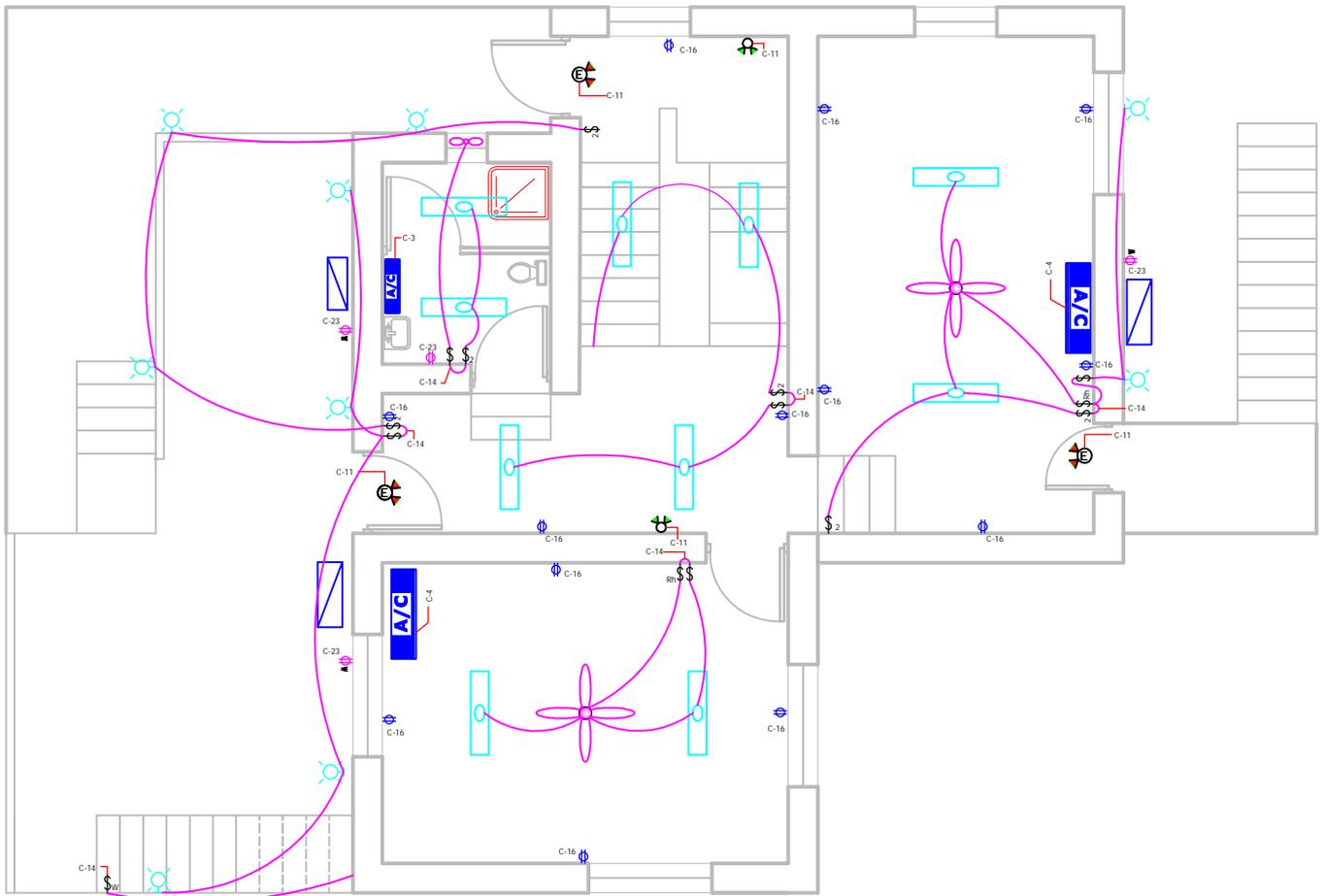
SYMBOL	DESCRIPTION
	DUPLEX WALL RECEPTACLE W = WEATHERPROOF
	4 PLEX FLOOR RECEPTACLE
	DUPLEX FLOOR RECEPTACLE
	SPECIALITY RECEPTACLE WALL MOUNT
	SPECIALITY RECEPTACLE WALL MOUNT
	CEILING FAN WITH COMBINATION LIGHT. LIGHT AND FAN SWITCHED SEPARATELY
	FLUORESCENT LIGHTING FIXTURE WITH WRAP AROUND DIFFUSER (2 x 36W), CEILING MOUNT
	FLUORESCENT LIGHTING FIXTURE WITH WRAP AROUND DIFFUSER (2 x 36W), WALL MOUNT
	FLUORESCENT LIGHTING FIXTURE, SCREW IN TYPE (1 x 30W), CEILING MOUNT
	EXTERIOR WEATHERPROOF FLOOD LIGHT
	EMERGENCY EXIT LIGHT COMBO BATTERY POWERED
	EMERGENCY LIGHT BATTERY POWERED
	WALL MOUNTED LIGHT SWITCH 2 = 2 WAY SWITCH, Rh = RHEOSTAT FOR FAN
	TELEPHONE JACK (CAT 5) LOCAL AREA NETWORK (LAN) ETHERNET JACK. EACH END TO BE LABELED. TV ETHERNET JACK. EACH END TO BE LABELED. (CAT 6)
	INDOOR A/C UNIT
	OUTDOOR CONDENSER UNIT



ELECTRICAL NOTES:
 220V, 1Ø, CIRCUIT CONDUCTOR
 INSULATION SHALL BE COLOR CODED:
 LINE - BLACK
 NEUTRAL - WHITE
 EARTH - GREEN
 CONDUIT SHALL BE 3/4" MINIMUM

COUNTER TOP
 RECEPTACLES TO BE
 MOUNTED 30MM ABOVE
 COUNTERTOP

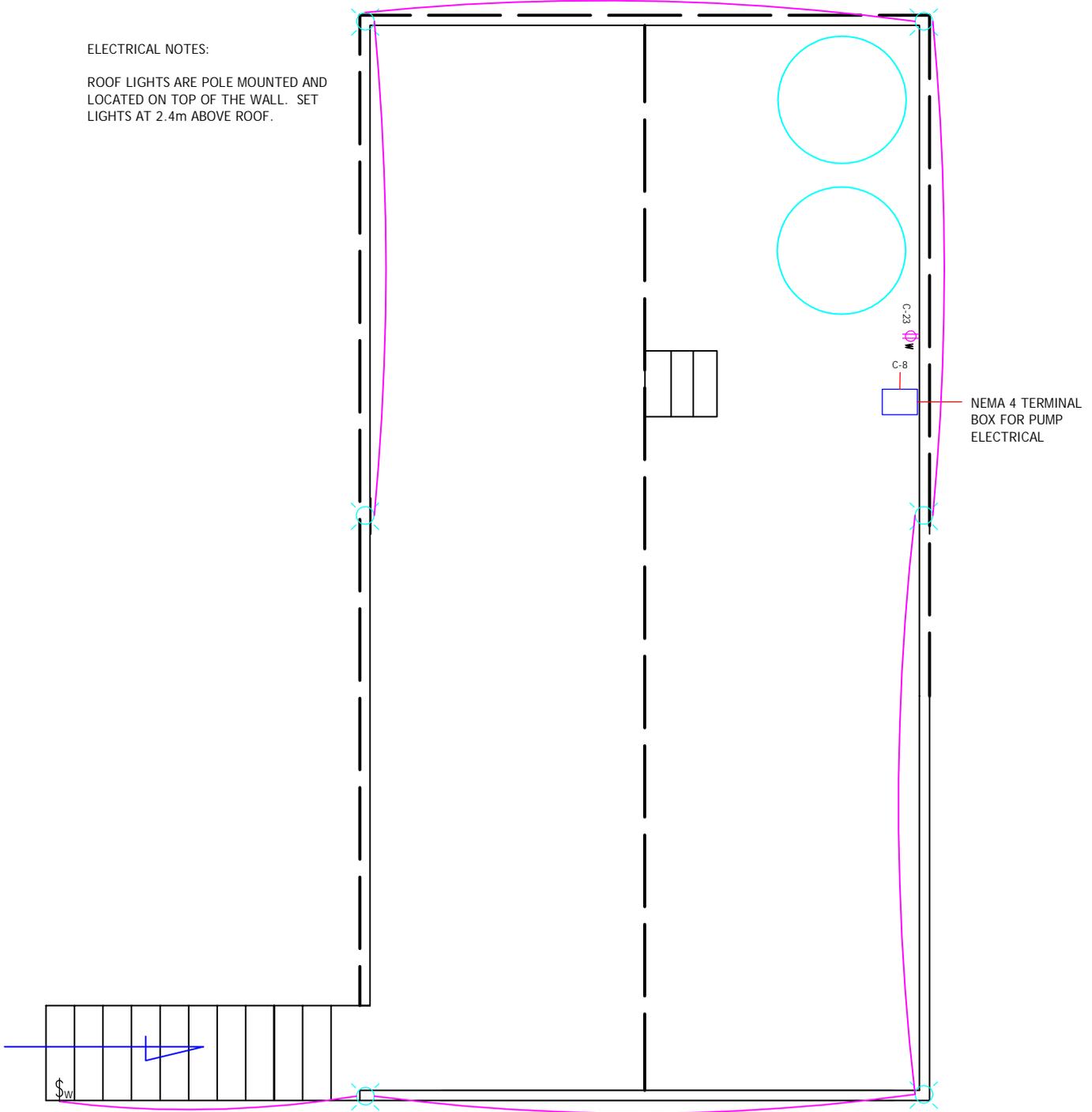
 ENGINEERS - SURVEYORS - PLANNERS WWW.LDAINTERNATIONAL.COM	SHEET TITLE: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING IT - ELECTRICAL - LIGHTING PLAN - FIRST FLOOR	DESIGNED BY	CHECKED BY FM CHUCK MADRAY AND FAC SARHAD BASSIL	SCALE: NONE	SHEET <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;"> NO. 10 SHEETS </div>
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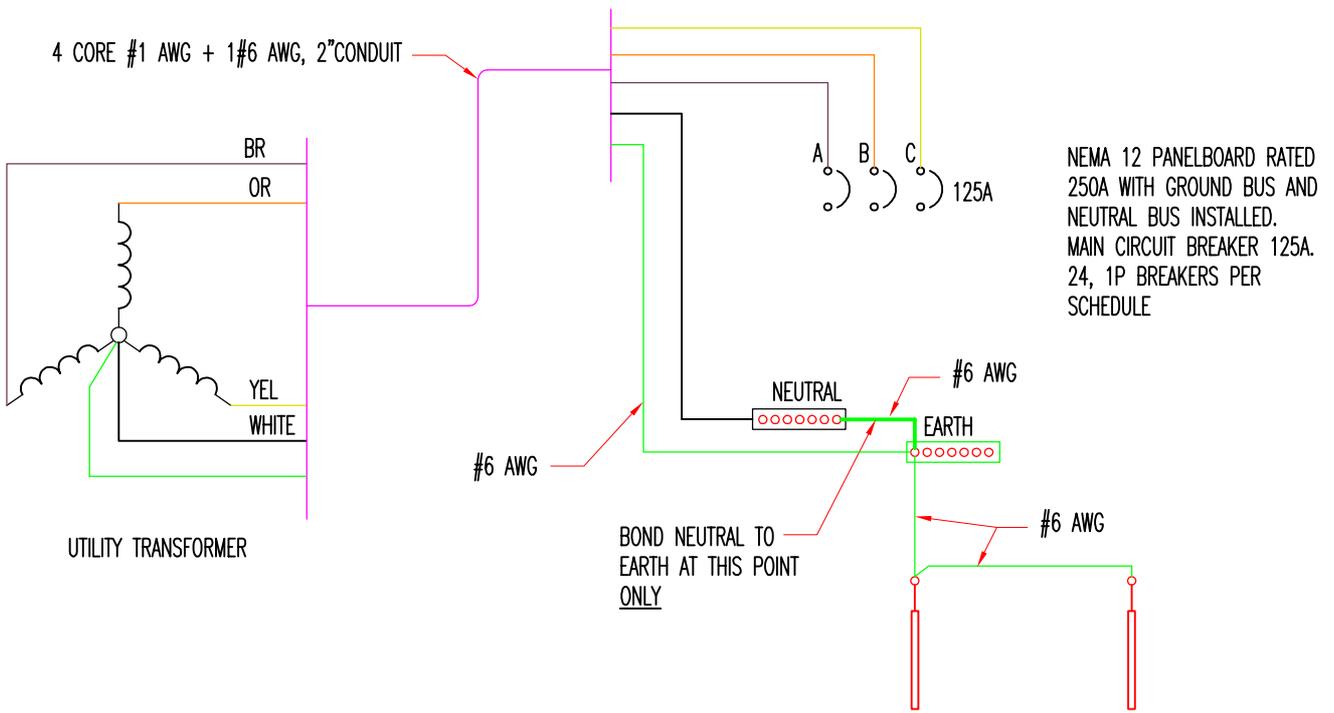


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	<p>PROJECT: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING</p>	DRAWN BY	DATE 6 FEBRUARY 2013		

ELECTRICAL NOTES:

ROOF LIGHTS ARE POLE MOUNTED AND LOCATED ON TOP OF THE WALL. SET LIGHTS AT 2.4m ABOVE ROOF.





SINGLE LINE DIAGRAM

 <p>LDA INTERNATIONAL ENGINEERS - SURVEYORS - PLANNERS WWW.LDAINTERNATIONAL.COM</p>	<p>SHEET TITLE: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING ELECTRICAL SINGLE LINE DIAGRAM</p>	<p>DESIGNED BY</p>	<p>CHECKED BY FM CHUCK MADRAY AND FAC SARHAD BASSIL</p>	<p>SCALE: NONE</p>	<p>SHEET</p>
	<p>PROJECT: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING</p>	<p>DRAWN BY</p>	<p>DATE 6 FEBRUARY 2013</p>		<p>NO. 13 SHEETS</p>

PANELBOARD SCHEDULE

250A PANELBOARD
230/400 VOLT, THREE PHASE, FOUR WIRE, WITH GROUND BUS, RATED 15kAIC

125 AMP MAIN BREAKER										NEUTRAL BUS GROUND BUS				
CKT	AMP	POLE	WIRE (AWG)	DESCRIPTION	LOAD	A	B	C	LOAD	DESCRIPTION	WIRE (AWG)	POLE	AMP	CKT
1	30	1	10	A/C Room 101, 102	4350	8700			4350	A/C Room A104, 105	10	1	30	2
3	30	1	10	A/C Room 103, 203	4350		8700		4350	A/C Room A201, 202	10	1	30	4
5	30	1	8	Water Heater	5500			7000	1500	Water Supply Pump	12	1	20	6
7	40	1	8	Range	6700	8200			1500	Roof Pressure Pump	12	1	20	8
9	40	1	8	Dryer	7200		8700		1500	Washer	12	1	20	10
11	20	1	12	Emergency Lights	700			3700	3000	1st Floor Lights	12	1	20	12
13	20	1	12	Rooms A102, 103 Recepts	4000	6400			2400	2nd Floor & Roof Lights	12	1	20	14
15	20	1	12	Rooms A101, 107 Recepts	4000		8000		4000	2nd Floor Recepts	12	1	20	16
17	20	1		SPARE	0				0	SPARE		1	20	18
19	20	1		SPARE	0				0	SPARE		1	20	20
21	20	1		SPARE	0				0	SPARE		1	20	22
23	20	1	12	Outdoor, bath, kitchen recepts	2000			6000	4000	Kitchen , Ex Fan, appliance recepts	12	1	20	24
CKT 23 is equipped with GFCI circuit breaker.					TOTALS		23300	25400	16700	WATTS				
CKT 24 is equipped with GFCI circuit breaker.														
					TOTAL 3Ø W		=	65400	WATTS					

S-60

 <p>ENGINEERS - SURVEYORS - PLANNERS WWW.LDAINTERNATIONAL.COM</p>	SHEET TITLE: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING PANELBOARD SCHEDULE	DESIGNED BY	CHECKED BY FM CHUCK MADRAY AND FAC SARHAD BASSIL	SCALE: NONE	SHEET
	PROJECT: FY012 PROJ 10 OFFICE REMODELING PROJECT S-60 BUILDING	DRAWN BY	DATE 6 FEBRUARY 2013		NO. 14 SHEETS