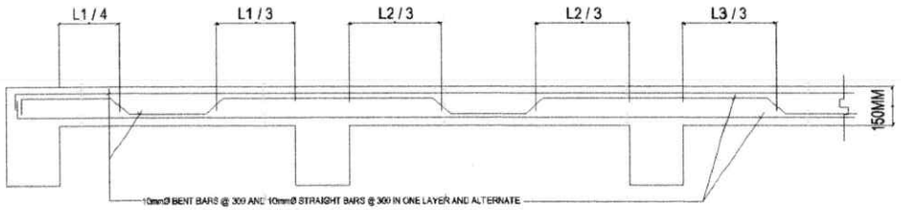
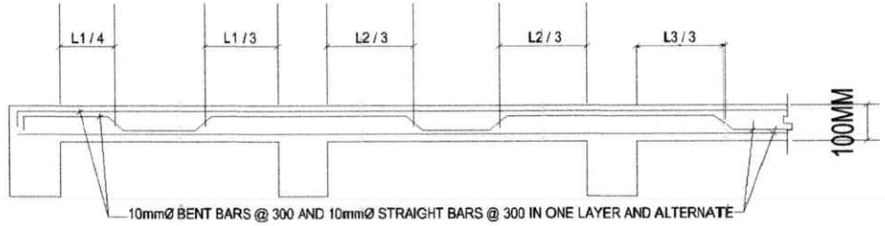


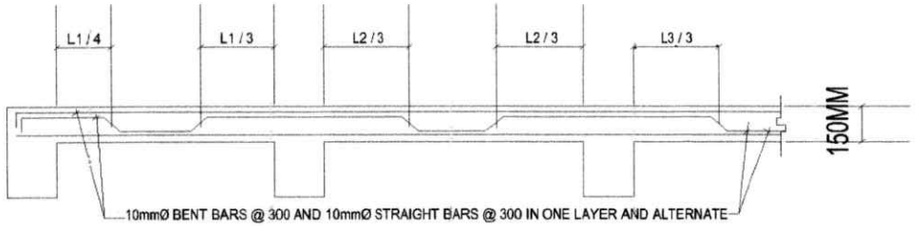
TYPICAL DETAIL OF S1 TWO-WAY SLAB EDGE SUPPORTED SLAB REINF. IN SHORT SPAN

1 S-7 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



3 S-7 TYPICAL DETAIL OF S2 ONE-WAY SLAB REINF. IN SHORT SPAN

SCALE : NTS RENOVATION OF RSU FUNCTION HALL

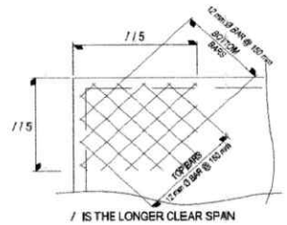


1 S-7 TYPICAL DETAIL OF S1 ONE-WAY SLAB REINF. IN SHORT SPAN

SCALE : NTS RENOVATION OF RSU FUNCTION HALL

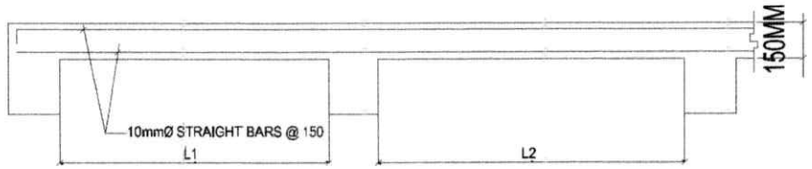
NOTES :

1. NO SPLICE LAPS WITHIN THE BEAM AND WITHIN A DISTANCE OF TWICE THE SLAB DEPTH FROM FACE OF BEAM.
2. NO SPLICE LAPS OF BOTTOM BARS AT MID-SPAN.
3. SPLICE BENT TOP BARS AT ONE THIRD OF CLEAR SPAN.
4. MINIMUM LENGTH OF SPLICE LAPS IS 400mm.
5. SPLICE LAPS LOCATIONS SHALL BE ALTERNATE.



SPECIAL REINF @ EXTERIOR CORNERS OF BEAM SUPPORTED TWO-WAY SLAB (S2)

4 S-7 SCALE : NTS RENOVATION OF RSU FUNCTION HALL

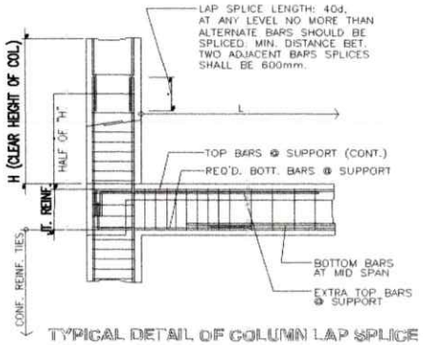


TYPICAL DETAIL OF S1 ONE-WAY SLAB REINF. IN LONG SPAN

5 S-7 SCALE : NTS RENOVATION OF RSU FUNCTION HALL

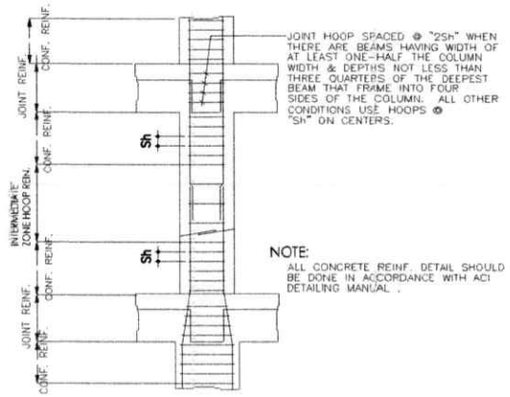
STRUCTURAL ENGINEER	PROJECT TITLE	OWNER	RECOMMENDING APPROVAL	APPROVED BY	DRAWN BY	SHEET CONTENT	SHEET
ARNOLD DE TULIO STRUCTURAL ENGINEER PRC NO: 104043 PTR NO: 7245254 DATE ISSUED: 1-14-19 VALID UNTIL: 12-11-21 PLACE: PTO - ROMBLON	**REHABILITATION OF MULTI-PURPOSE BUILDING I IN SAN FERNADO CAMPUS** LOCATION: RSU SAN FERNANDO, CAMPUS POBLACION, SAN FERNANDO, ROMBLON		EMELIA B. RAMOS, Ph.D CAMPUS DIRECTOR	ARNULFO DE LUNA, Ph.D SUC PRESIDENT II		TYPICAL DETAILS OF SLAB	22

S-7



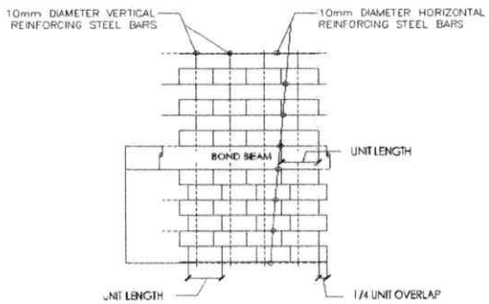
2 S-8 TYPICAL DETAIL OF COLUMN LAP SPLICE & EXTERIOR GIRDER TO COLUMN CONNECTION

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL



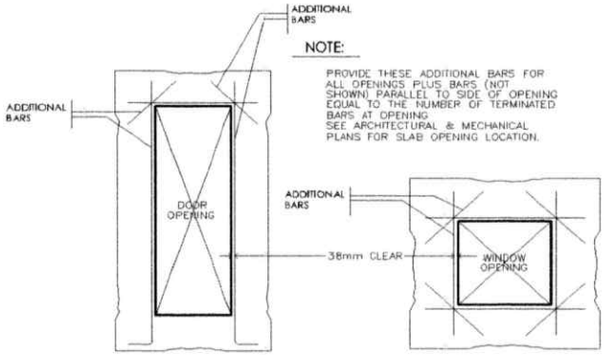
3 S-8 TYPICAL COLUMN ELEVATION SHOWING DOWELS AND TIES SPACING

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL



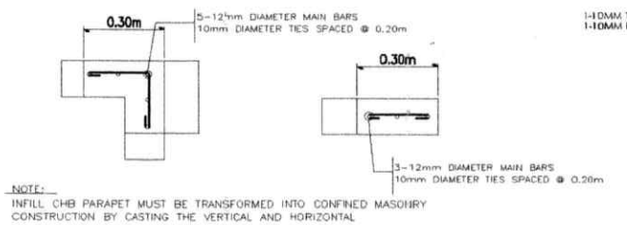
4 S-8 TYPICAL RUNNING BOND OF CHB WALLS / PARAPET

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL



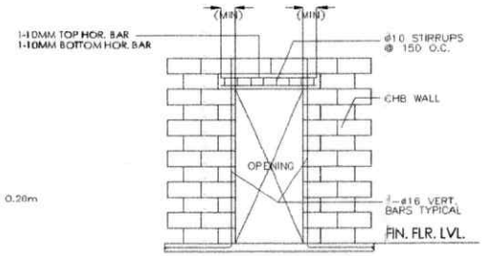
1 S-8 TYPICAL EXTERIOR DOOR OPENING AND TYPICAL WINDOW OPENING DETAILS

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL



6 S-8 VERTICAL STIFFENER SECTION @ CORNER OF CHB PARAPET IN MAIN ENTRANCE

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL



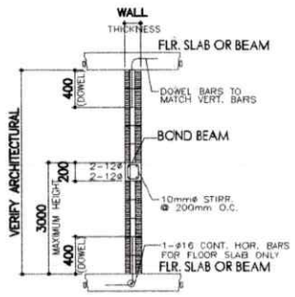
ELEVATION

5 S-8 TYPICAL DETAIL OF LINTEL BEAM @ CHB WALL HEADER

SCALE : NTS — RENOVATION OF RSU FUNCTION HALL

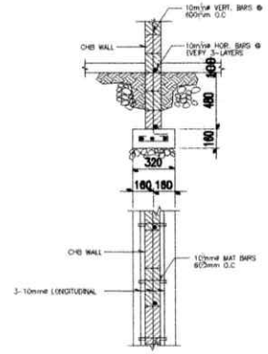
STRUCTURAL ENGINEER	PROJECT TITLE	OWNER	RECOMMENDING APPROVAL	APPROVED BY	DRAWN BY	SHEET CONTENT	SHEET
ARNOLD JULIO PRC No. 104042 PTR No. 7285326 DATE ISSUED: 1-14-19 VALID UNTIL: 12-31-21 PLACE: PTO - ROMBLON	**REHABILITATION OF MULTI-PURPOSE BUILDING I IN SAN FERNADO CAMPUS** LOCATION: RSU SAN FERNANDO, CAMPUS POBLACION, SAN FERNANDO, ROMBLON		EMELIA B. RAMOS, Ph.D CAMPUS DIRECTOR	ARNULFO DE LUNA, Ph.D SUC PRESIDENT II		TYPICAL DOOR AND & WINDOW OPENING DET. COLUMNS LAP SPLICES & GIRDER TO COLUMN CONNECTION COLUMN ELEVATION SHOWING DOWELS & TIES SPACING LINTEL BEAM @ CHB WALL HEADER	23

S-8



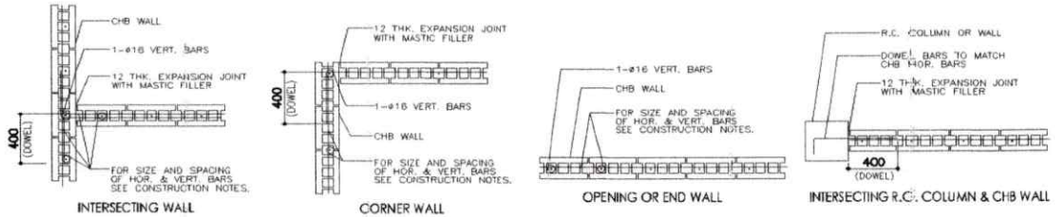
TYPICAL SECTION OF MASONRY PARTITION REINFORCEMENTS

2 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



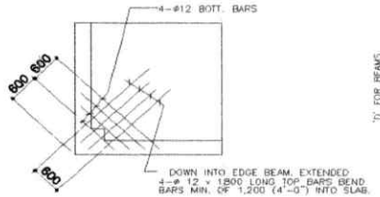
WALL FOOTING DETAILS

3 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



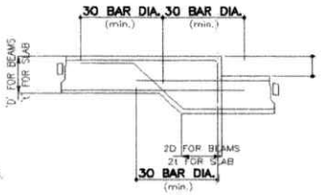
TYPICAL CONNECTION DETAIL OF MASONRY WALL

4 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



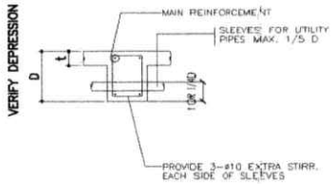
TYPICAL CORNER SLAB DETAIL

5 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



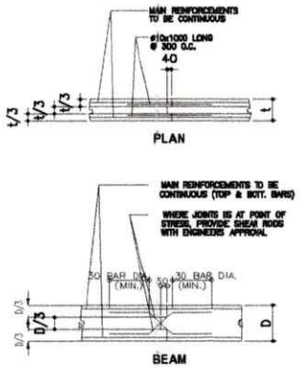
TYPICAL DETAIL OF BEAM OR SLAB CHANGE 60 FHT

6 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



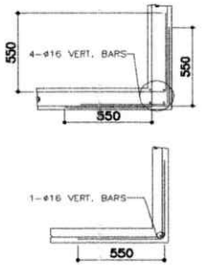
TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM

7 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



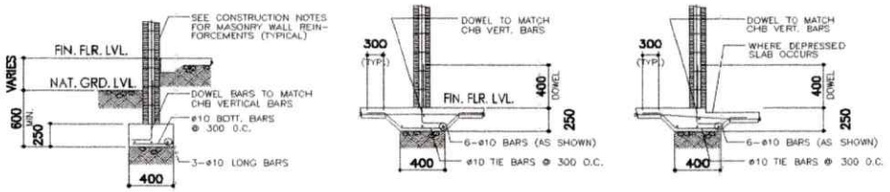
TYPICAL SLAB & BEAM CONSTRUCTION JOINT DETAIL

1 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL



TYPICAL CONNECTION DETAIL OF RC WALL @ CORNERS

9 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL

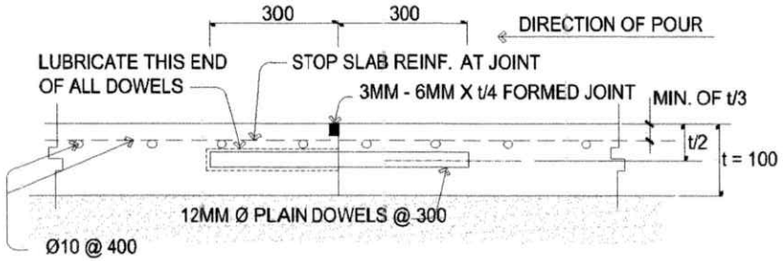


TYPICAL CHB WALL FOOTING DETAILS (WHERE APPLICABLE)

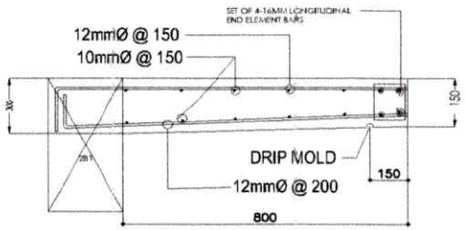
8 / S-9 SCALE : NTS RENOVATION OF RSU FUNCTION HALL

STRUCTURAL ENGINEER:	PROJECT TITLE:	OWNER:	RECOMMENDING APPROVAL:	APPROVED BY:	DRAWN BY:	SHEET CONTENT	SHEET
STRUCTURAL ENGINEER: ARNOLD JULIO PRC NO: 104043 VALID UNTIL: 12-11-21 PTR NO: 7265358 PLACE: PTO - ROMBLON DATE ISSUED: 1-14-19	**REHABILITATION OF MULTI-PURPOSE BUILDING I IN SAN FERNADO CAMPUS** LOCATION: RSU SAN FERNANDO, CAMPUS POBLACION, SAN FERNANDO, ROMBLON		EMELIA B. RAMOS, Ph.D CAMPUS DIRECTOR	ARNULFO DE LUNA, Ph.D SUC PRESIDENT II		SLAB & BEAM CONSTRUCTION JOINT DETAIL, SECTION OF MASONRY PARTITION REINF. CONSTRUCTION DETAIL OF MASONRY WALL, CORNER SLAB DETAIL, SLEEVES THRU BEAM, CHB FOOTING DETAILS, CONNECTION DET. OF RC WALL @ CORNERS	24

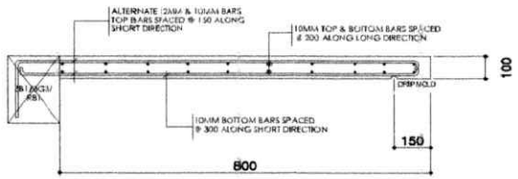
S-9



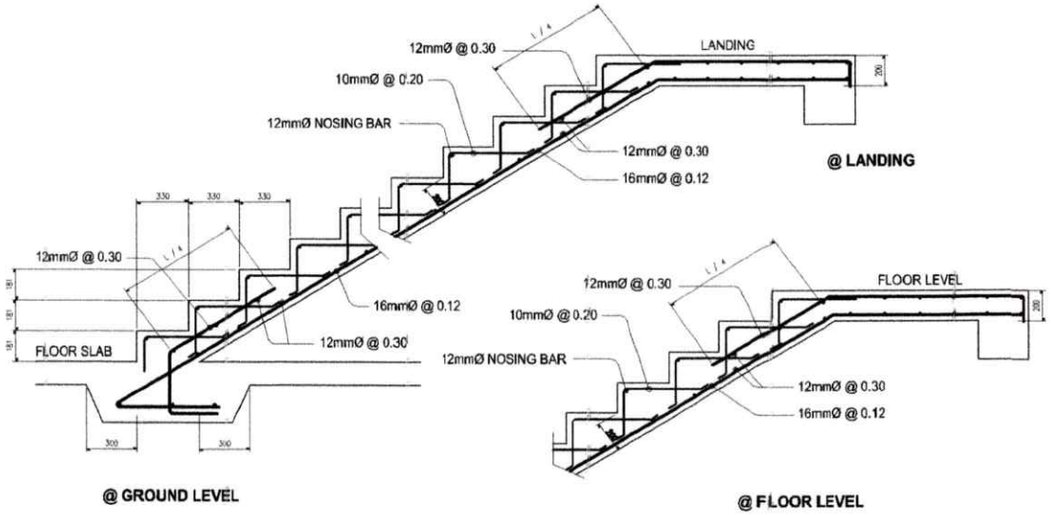
3 S-10 TYPICAL CONSTRUCTION JOINTS DETAIL IN RC SLAB ON HILL
SCALE : NTS
RENOVATION OF RSU FUNCTION HALL



2 S-10 TYPICAL DETAIL OF CANTILEVER CANOPY SLAB
SCALE : NTS
RENOVATION OF RSU FUNCTION HALL



1 S-10 TYPICAL DETAIL OF CANTILEVER BALCONY SLAB
SCALE : NTS
RENOVATION OF RSU FUNCTION HALL



4 S-10 TYPICAL DETAIL OF RC SUSPENDED STAIRS
SCALE : NTS
RENOVATION OF RSU FUNCTION HALL

STRUCTURAL ENGINEER:	PROJECT TITLE:	OWNER:	RECOMMENDING APPROVAL:	APPROVED BY:	DRAWN BY:	SHEET CONTENT	SHEET
ARNOLD DE JULIO PRC NO: 104043 PTR NO: 7257304 DATE ISSUED: 1-14-19 VALID UNTIL: 12-11-21 PLACE: PTO - ROMBLON	**REHABILITATION OF MULTI-PURPOSE BUILDING I IN SAN FERNADO CAMPUS** LOCATION: RSU SAN FERNANDO, CAMPUS POBLACION, SAN FERNANDO, ROMBLON		**EMELIA B. RAMOS, Ph.D** CAMPUS DIRECTOR	**ARNULFO DE LUNA, Ph.D** SUC PRESIDENT II		DETAIL OF CANTILEVER BALCONY SLAB DETAIL OF CANTILEVER CANOPY SLAB CONSTRUCTION JOINTS DETAIL IN RC SLAB ON FILL DETAIL OF RC SUSPENDED STAIRS	25

S-10