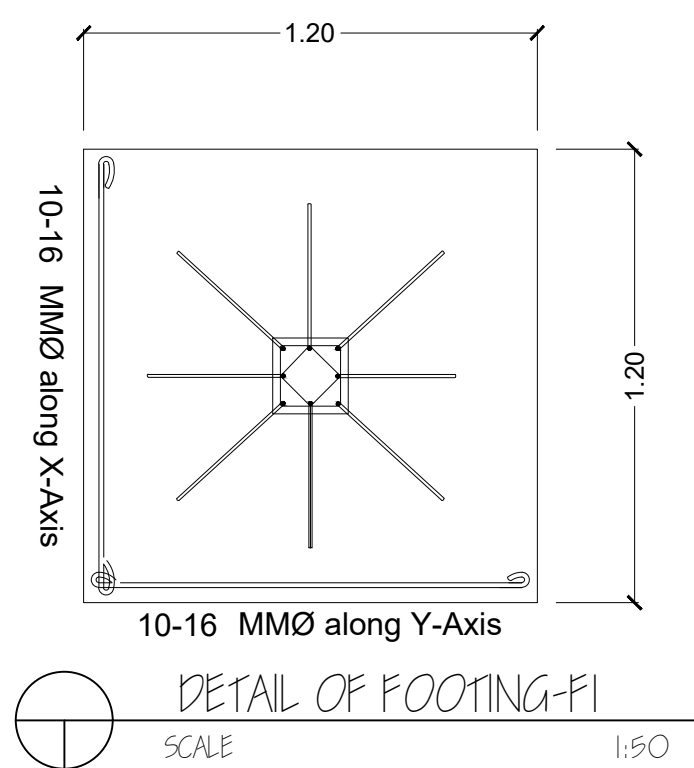


FOUNDATION PLAN  
SCALE 1:100



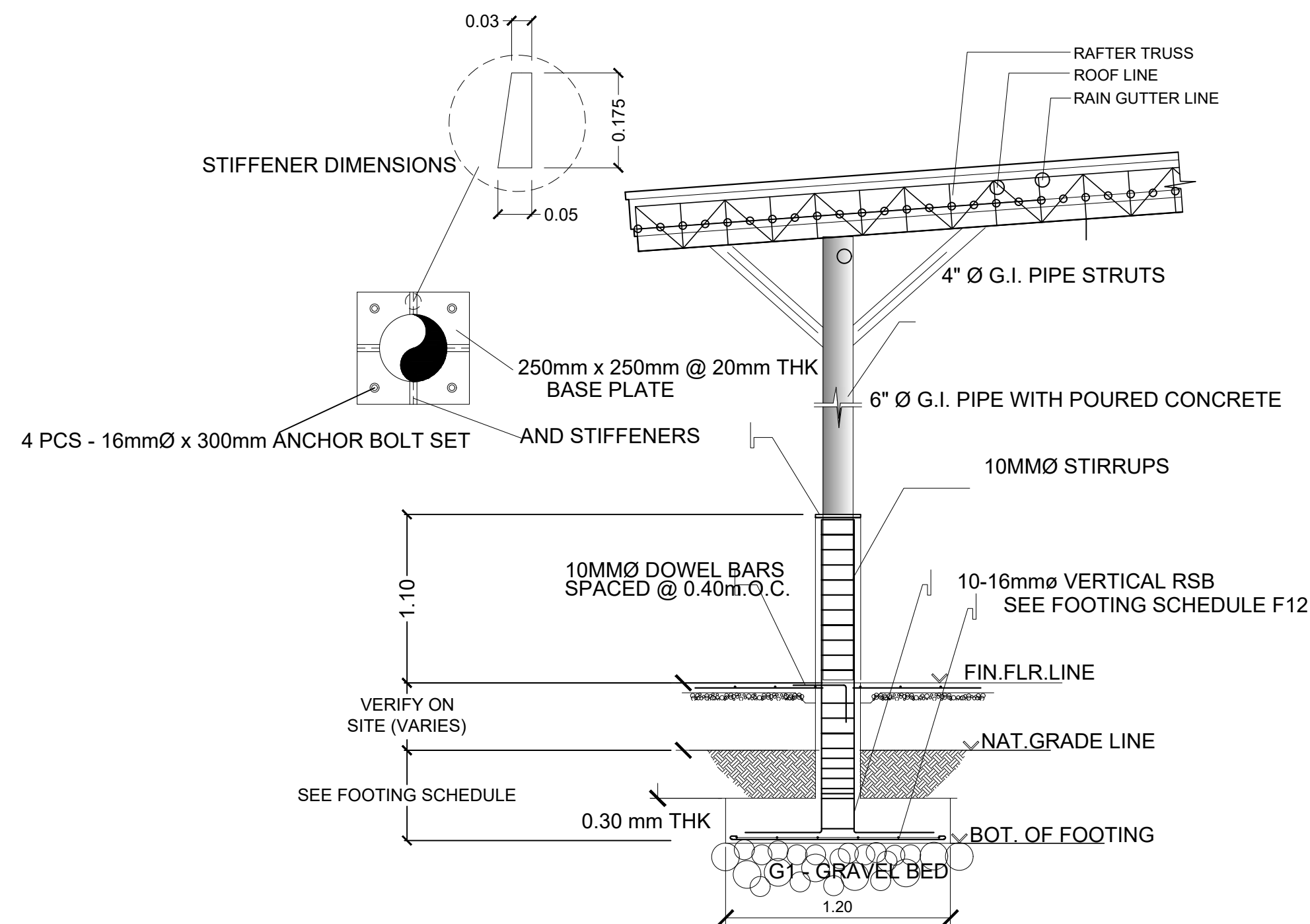
DETAIL OF FOOTING-F1  
SCALE 1:50

#### FOOTING SCHEDULE

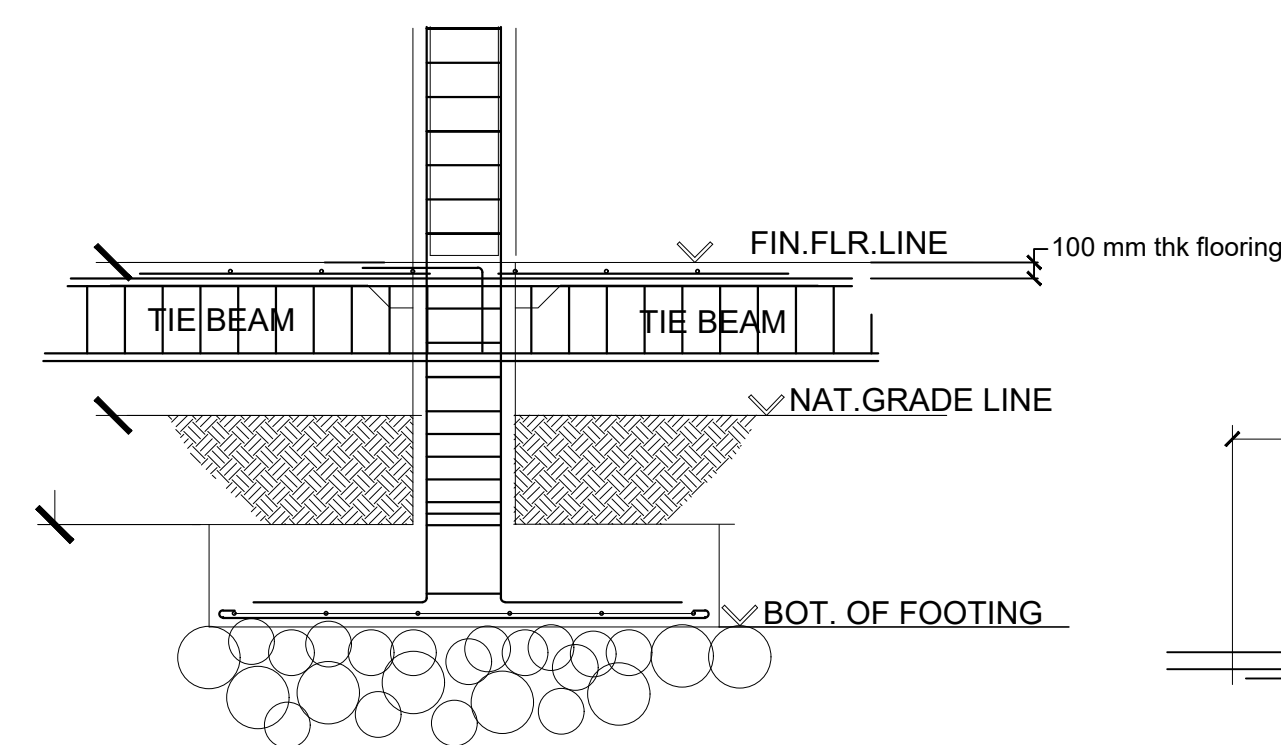
Concrete  $F_c' = 3,000\text{PSI}$   
Rebar  $F_y = 60,000\text{ psi}$   
Assumed Soil Allowable Bearing Capacity = 1,700 PSF

MEMBER	WIDTH (m)	DEPTH (m)	THK (meters)	REBAR - X	REBAR - Y
F1	1.5	1.5	0.30	12-16 MMØ	10-16 MMØ

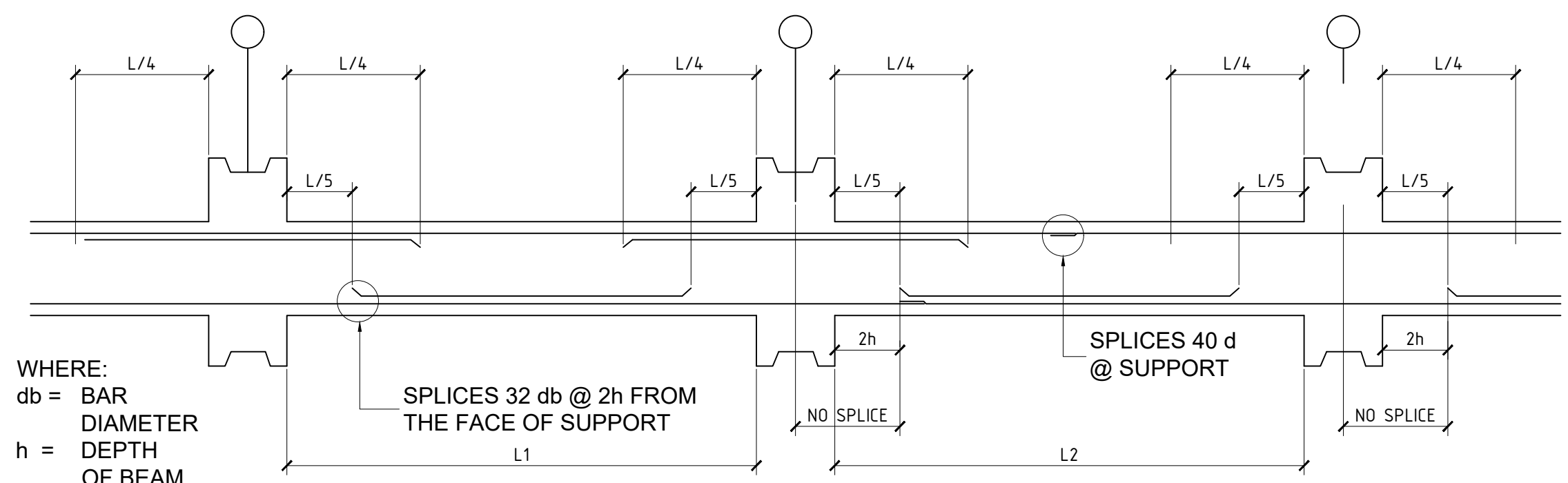
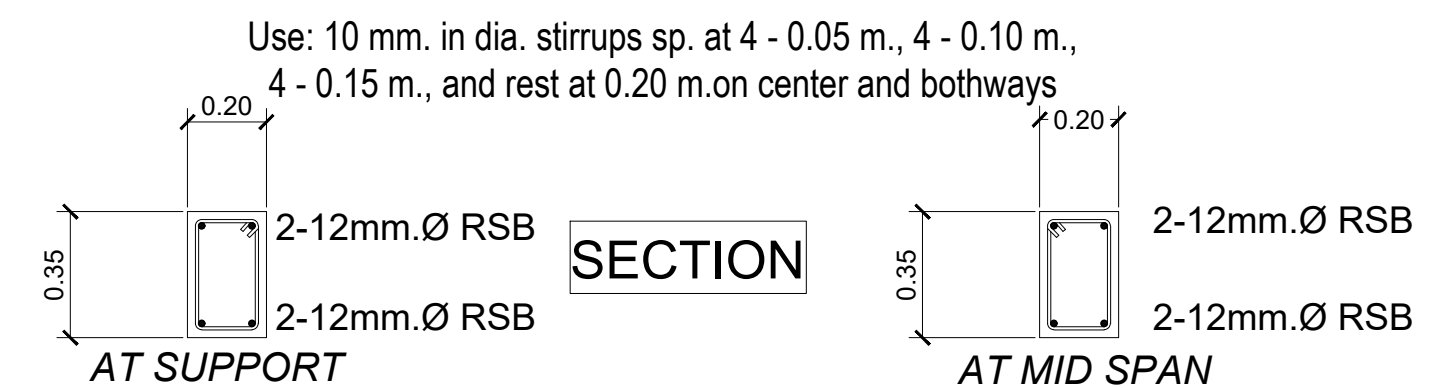
EXCAVATION = 1.20m FRM NAT GRADE LINE FOR FOUNDATION F1



DETAIL OF COLUMN-C1 (ALONG SECTION - 3)  
SCALE NDS



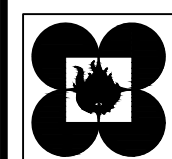
DETAIL OF WALL FOOTING WF-1  
SCALE NDS



#### SCHEDULE OF COLUMNS

$F_c = 4,000\text{ PSI}$   
 $F_y = 60,000\text{ PSI}$   
 $F_{vy} = 33,000\text{ PSI}$   
TIES : 10mmØ ; 5 @ 5 ; 5 @ 10 ; REST @ 15 cm

MARK	GROUND FLR - 2ND FLOOR
C1	<p>250mm x 250mm WIDTH X DEPTH</p>
MAIN BARS	4 PCS - 16mmØ
INTERIOR BARS	4 PCS - 12mmØ



PHILIPPINE SCIENCE HIGH SCHOOL  
BICOL REGION CAMPUS

LOCATION: PSHS-BRC, BRGY. TAGONGTONG, GOA,  
CAMARINES SUR, PHILIPPINES

CIVIL/ STRUCTURAL ENGINEER

ENGR. JOHN LOUESTER A PEÑAS

PRC NO.  
PTR NO.  
TIN :

VALIDITY:  
VALIDITY:

PROJECT TITLE:

CONSTRUCTION OF MATERIAL RECOVERY FACILITY

PREPARED FOR:

PHILIPPINE SCIENCE HIGH SCHOOL

RECOMMENDING APPROVAL:

JAY P. BASSIG  
FAD - CHIEF

APPROVED BY:

ENGR. LORVI. B. PAGOROGON, RPAE, MHWQ  
CAMPUS DIRECTOR

LOCATION: PSHS-BRC, BRGY. TAGONGTONG, GOA,  
CAMARINES SUR, PHILIPPINES

SHEET CONTENTS:

DRAWN BY:

REVISIONS:

BY:

DATE:

REFERENCE NO.

DATE:

CHECKED BY:

DATE:

S-01

SHEET NO. TOTAL

1

3