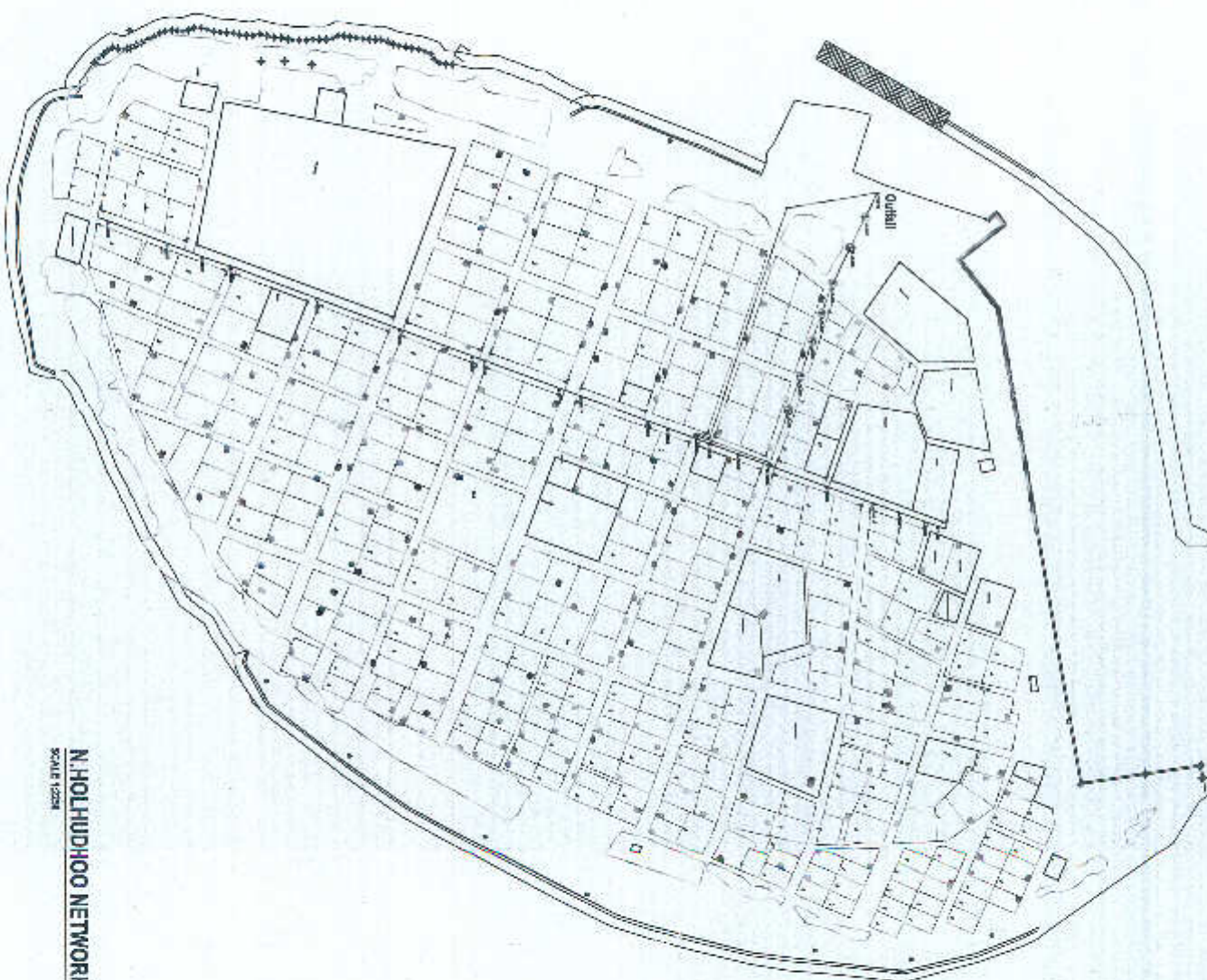


[illegible]

N. HOLHUDDOO NETWORK LAYOUT
SCALE 1:2000



TITLE 8-AT-LIGHT-1
SITE PLAN

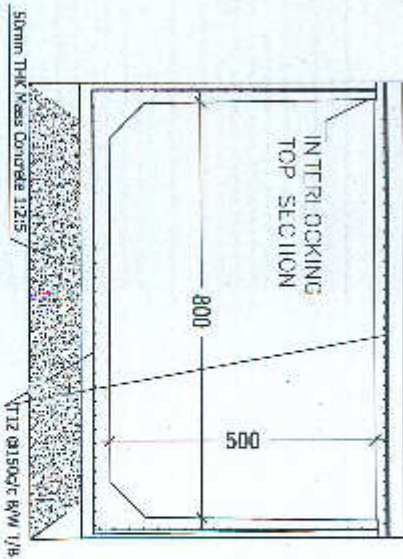
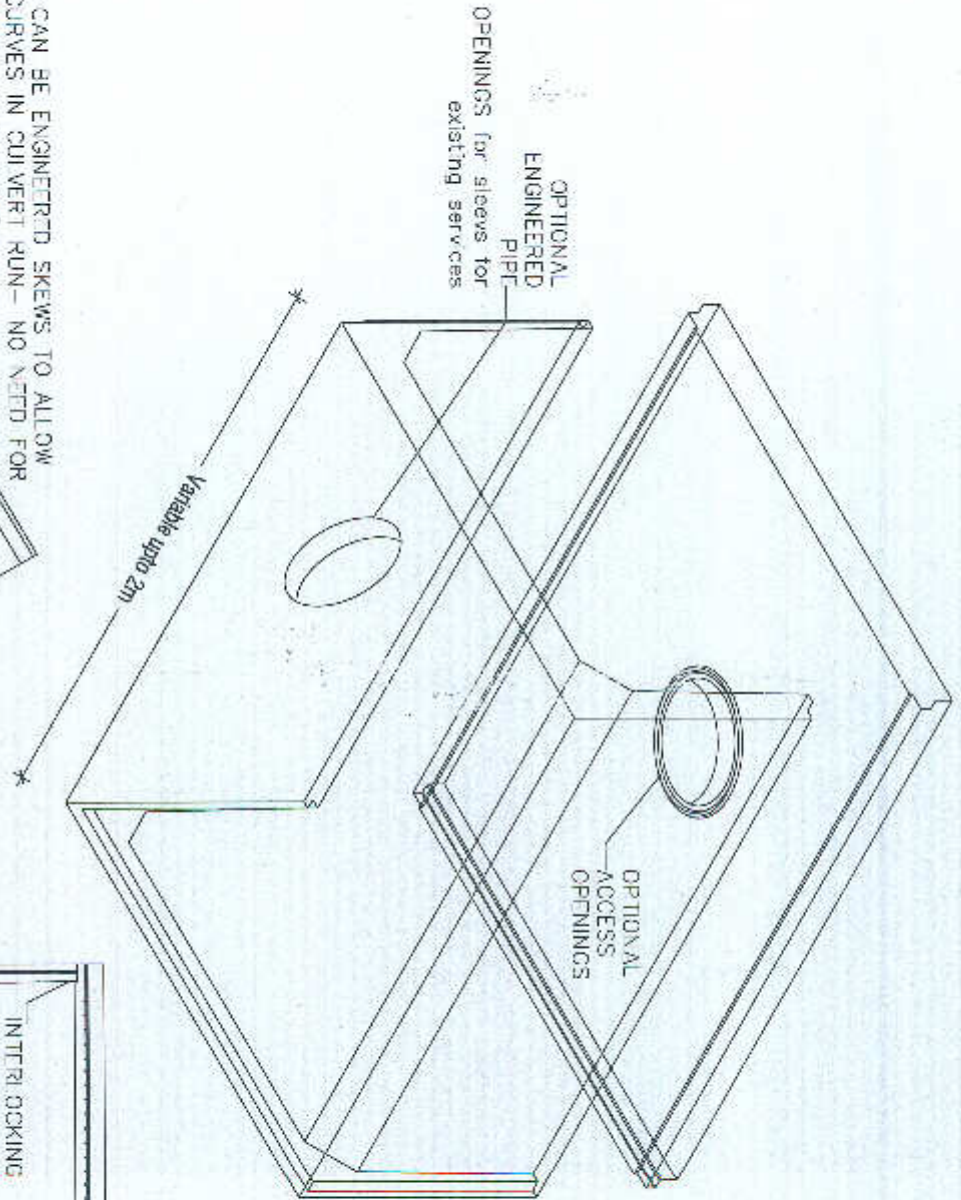
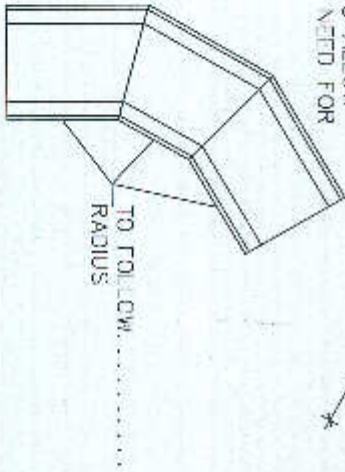
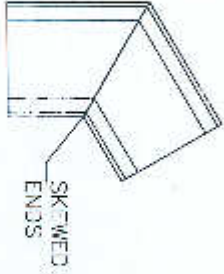
CONSULTANCY SERVICES FOR FLOOD MITIGATION IN NJ-POLJUDHOO
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT ADDRESS:
10/10
ENGINEER: -
D-2000 P.M.
DRAWN BY: -
Scale: 1:1000

Play no.	Date
1001	10/10/1910
1002	10/10/1910
1003	10/10/1910



[Handwritten signature]

ENDS CAN BE ENGINEERED SKEWS TO ALLOW FOR CURVES IN CULVERT RUN - NO NEED FOR SECONDARY TILLER POUR.



FLOOD MITIGATION IN N.HOLHUDHOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT NO: 2020/01/01
DATE: 2020/01/01
DRAWN BY: [Name]
CHECKED BY: [Name]

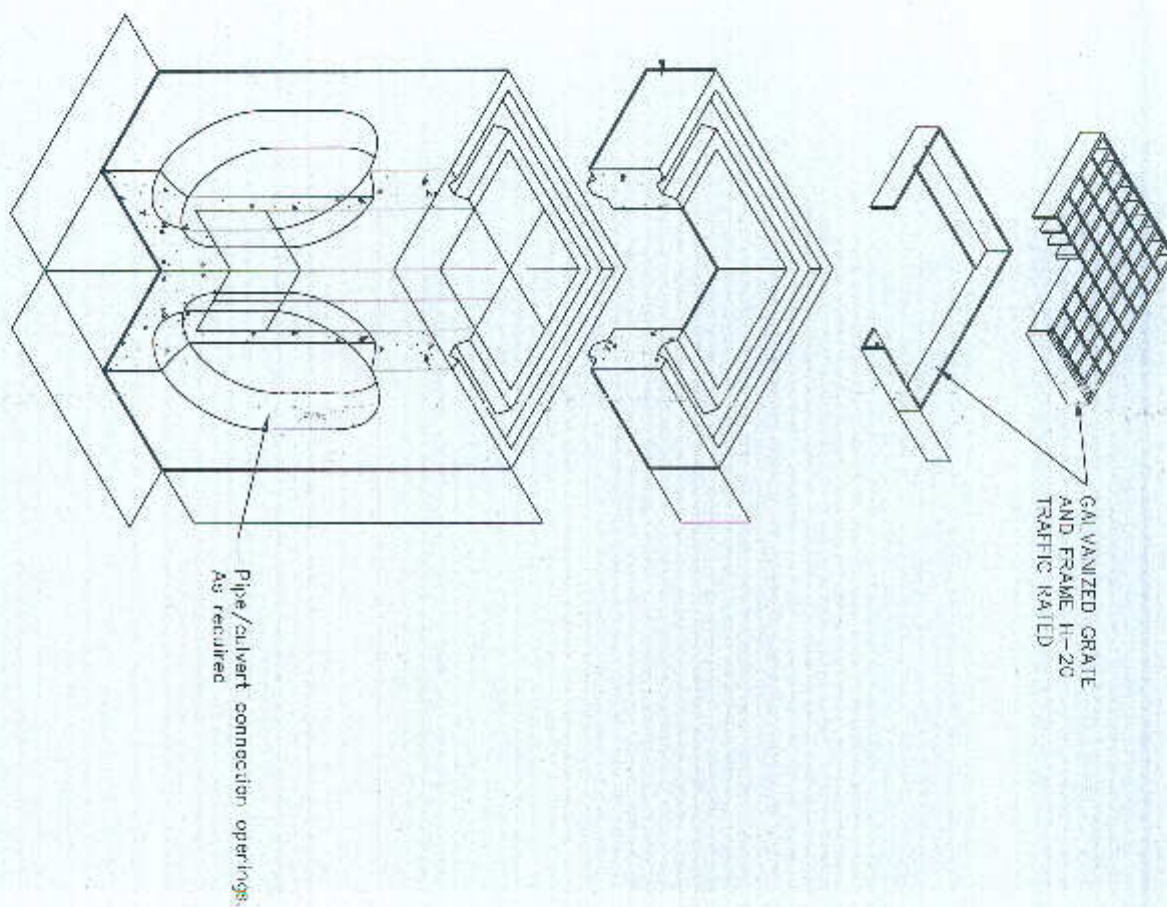


DESIGNED BY: [Name]
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: 2020/01/01

1/20



BOX DESIGN LOAD:
H-20 TRAFFIC



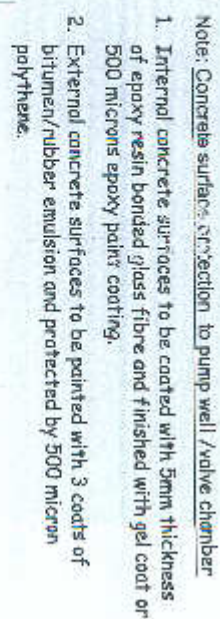


[Handwritten signature]

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
3. ALL STRUCTURAL CONCRETE SHALL BE OF GRADE C35A.
4. ALL CASTINGS SHALL BE DONE USING SULPHATE RESISTANT PORTLAND CEMENT TO BS 4027:1996.
5. ALL STRUCTURAL REINFORCEMENT STEEL SHALL BE EPOXY COATING OF NON-PRE-STRESSED REINFORCEMENT TO ASTM A775/A775M.
6. MINIMUM CONCRETE COVER TO REINFORCEMENT SHALL BE 50MM.
7. LEAN CONCRETE SHALL BE 75mm THICK GRADE G15.
8. FOR COLD JOINTS:
 - WATER BAR SHOULD BE PLACED AT ALL JOINTS.
 - BONDING AGENT SHOULD BE USED, 10mins PRIOR TO START POURING OF CONCRETE.
9. REQUIRED SOIL BEARING PRESSURE FOR THE FOUNDATION IS 150KNA/M². THE CONTRACTOR SHALL CARRYOUT GEOTECHNICAL TESTING TO ENSURE THAT THIS IS ACHIEVED AND NECESSARY GROUND IMPROVEMENTS SHALL BE DONE IF REQUIRED.
10. FOR ALL EXPOSED CONCRETE SURFACES PROVIDE BITUMINOUS COATING IF NECESSARY.
11. ALL INTERNAL CONCRETE SURFACES SHALL BE PROTECTED WITH EPOXY COATING OF THICKNESS 500MICRON.
12. ALL G.I/STEEL MEMBERS SHALL BE PROTECTED WITH UNIVERSAL PRIMER & 2 COATS OF ANTI CORROSIVE PAINT.

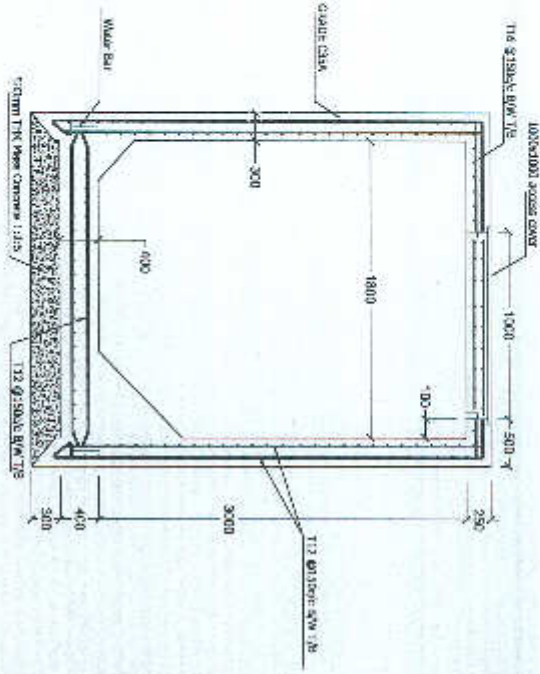




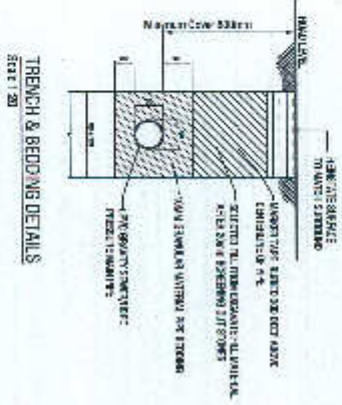
Note:
Pumps, pipework and fittings to be installed in accordance with manufacturers recommendations



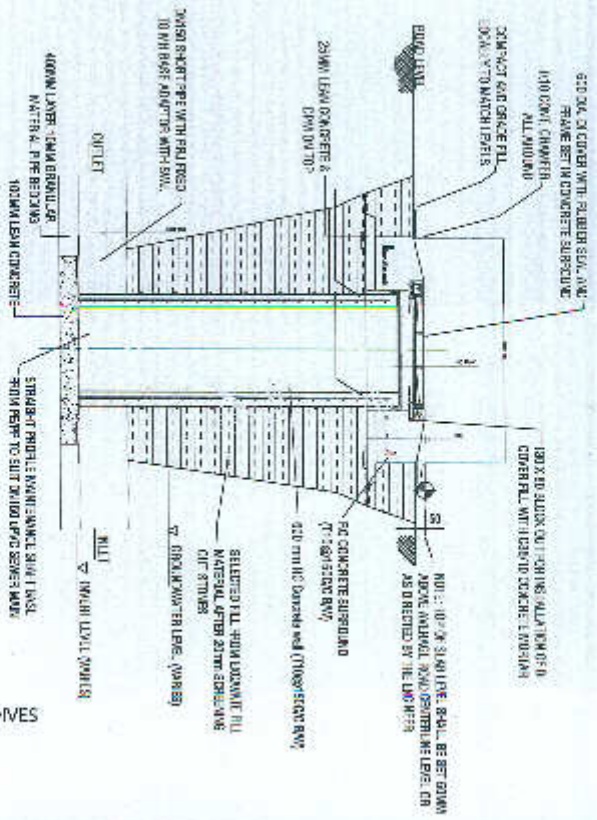
[Handwritten signature]



PUMP STATION DETAIL



TRENCH & BEDDING DETAILS



ELEVATION - MAINTENANCE SHAFT FOR CULVERT (MM)

- Note:
1. All structural concrete shall be of grade C35A.
 2. All castings shall be done using Sulphate Resistant Portland Cement to BS 4027:1996.
 3. All structural reinforcement shall be epoxy coating of non-pre-stressed reinforcement to ASTM-A775/A775M.

FLOOD MITIGATION IN N.HOLHUTHOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

DESIGNED BY: [Name]
CHECKED BY: [Name]
DATE: [Date]



RYAN PRIVATE LIMITED
11th Floor, Rana Plaza
Dharmapala Mawatha, Colombo 10
Sri Lanka

Scale: 1:20



[Handwritten signature]

