CONCRETE PRODUCT NOTE:
1. REFER TO GENERAL TOLERANCES UNO
2. GRADE OF CONCRETE - 40MPA
3. ALL LIFTING POINTS TO BE USED WHEN LIFTING
4. MINIMUM STRENGTH OF CONCRETE SHALL BE 25MPA AT THE TIME OF LIFTING
5. REFER TO ANCON LIFTING ARRANGEMENT PLAN
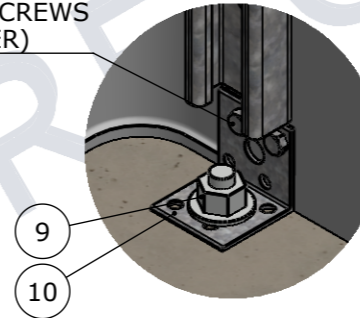6. REFER TO [50207384] FOR ENCASEMENT DETAIL

NOTE:
REFER TO FOLLOWING DOCUMENTS FOR INSTALLATION INSTRUCTIONS FOR MANHOLE COMPONENTS AND LADDER
1. DRAWING [CUBIS-INS-01]
2. CUBIS SYSTEMS_ ULTIMA CONNECT INSTALLATION GUIDE
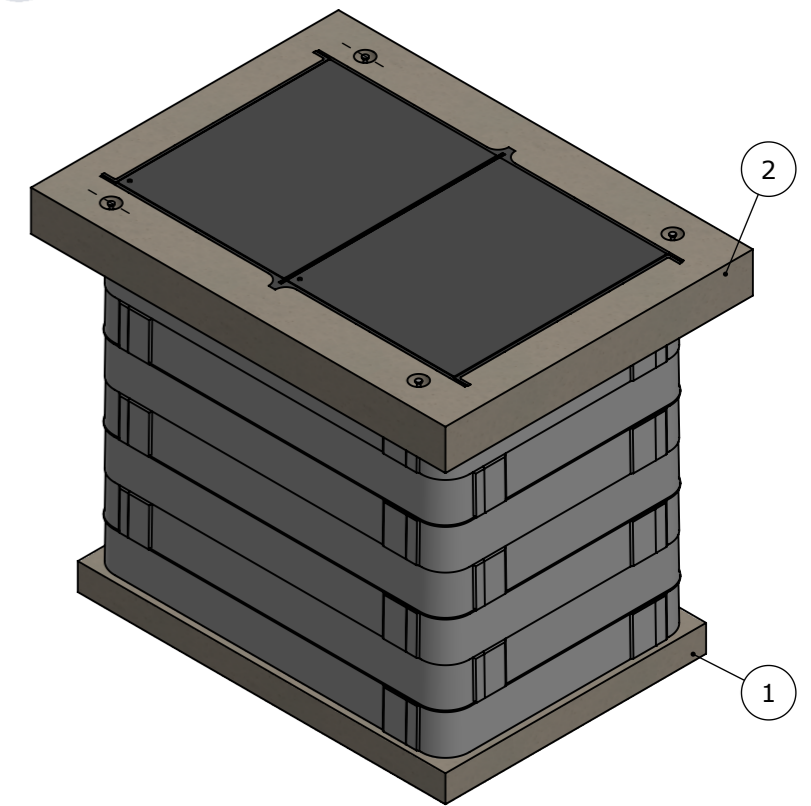
BOM:50207385

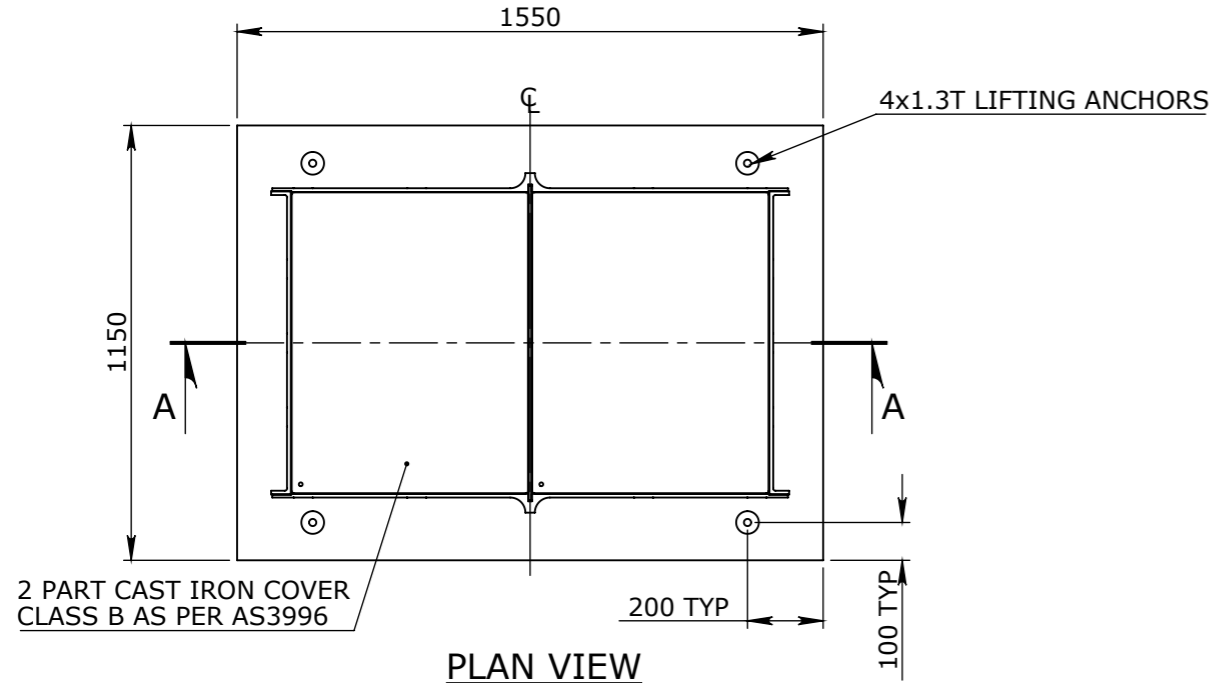| ITEM #	QTY.	PART #	DESCRIPTION	WEIGHT
1	1		INSITU CAST FLOOR	324
2	1	50207384	ENCASEMENT 1550X1150X150 TO SUIT 2 PART FRAME AND COVER CLASS B	385.63
3	8	50201129	STAKKABOX CONNECT HS RIGHT 1200mm	6.72
4	8	50201123	STAKKABOX CONNECT HS RIGHT 800mm	4.88
5	28	50201133	STAKKABOX ULTIMA PEG	217.13
6	6	50201128	STAKKABOX CONNECT HS LEFT 1200mm	3.05
7	6	50201122	STAKKABOX CONNECT HS LEFT 800mm	2.34
8	2	50207655	UNISTRUT ZP 1000mm	0
9	2	50202755	SLEEVE ANCHOR GALVANISED M10x50	0
10	2	50208048	BRACKET GENERAL PURPOSE 40x40x40x2	0
11	1	50203569	LADDER MANHOLE TELSTRA APPROVED 2400mm C/W BRACKET	

- ITEM 11 - CUT TO 1315mm LENGTH ON SITE (FOR 7 LAYERS)

PLAN VIEW
1550
1150
4x1.3T LIFTING ANCHORS
2 PART CAST IRON COVER CLASS B AS PER AS3996
200 TYP
100 TYP
A / A

DETAIL C
TELSTRA 14G TYPE 17 STAINLESS STEEL PIT SCREWS (SUPPLIED BY INSTALLER)
9
10

ISOMETRIC VIEW
2
1

SECTION A-A
UNISTRUT 1000mm
1200 C/O
MAX. 534
CHAMFER ON EDGE
B / B
150
1060 - 7 LAYERS / 1210 - 8 LAYERS
7 LAYERS / 8 LAYERS
TELSTRA APPROVED MANHOLE LADDER, 1315mm FOR 7 LAYERS
32MPA INSITU CAST SLAB WITH 1 LAYER OF SL82 CENTRALLY LOCATED WITH 50MM CLEAR COVER
C
100
Ø 50 DRAIN HOLE
1202 INTERNAL
1375

SECTION B-B
CAST IN UNISTRUT
760 C/O
100
INSTALL UNISTRUT USING 4 X TELSTRA 14G TYPE 17 STAINLESS STEEL PIT SCREW
CONNECT ULTIMA AND BASE USING GENERAL PURPOSE BRACKET SEE PAGE 2
RAMSET DYNABOLT M10
802 INTERNAL
975
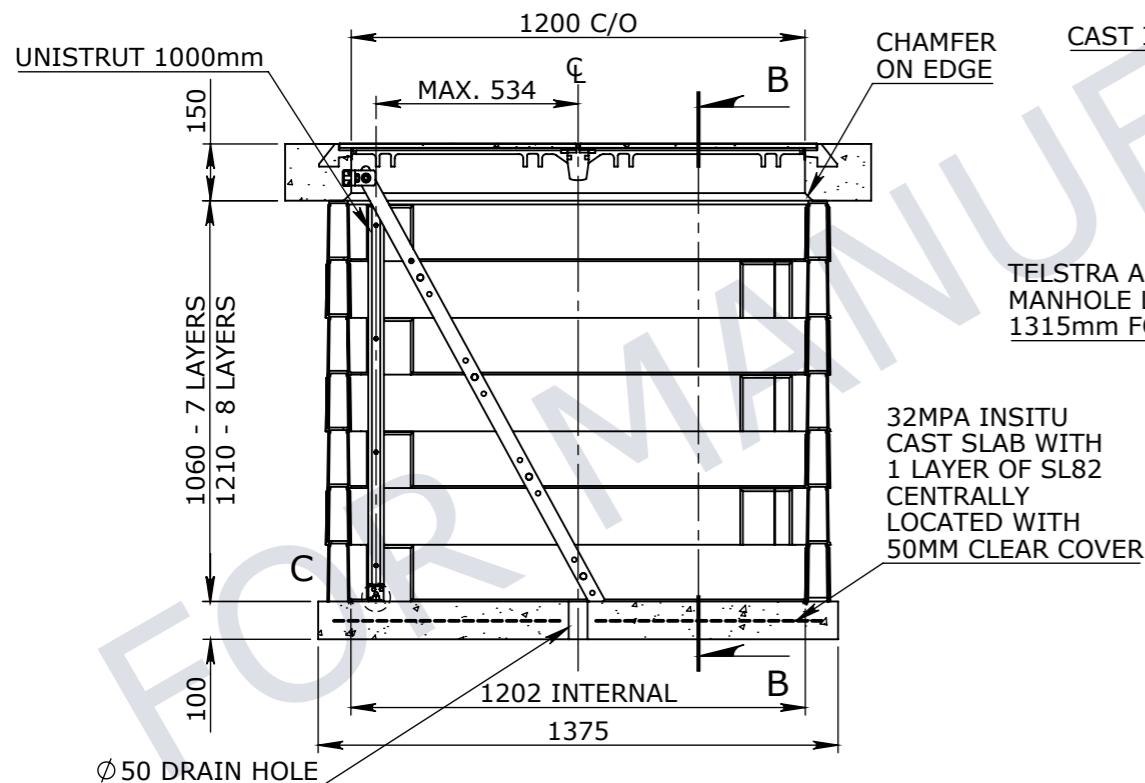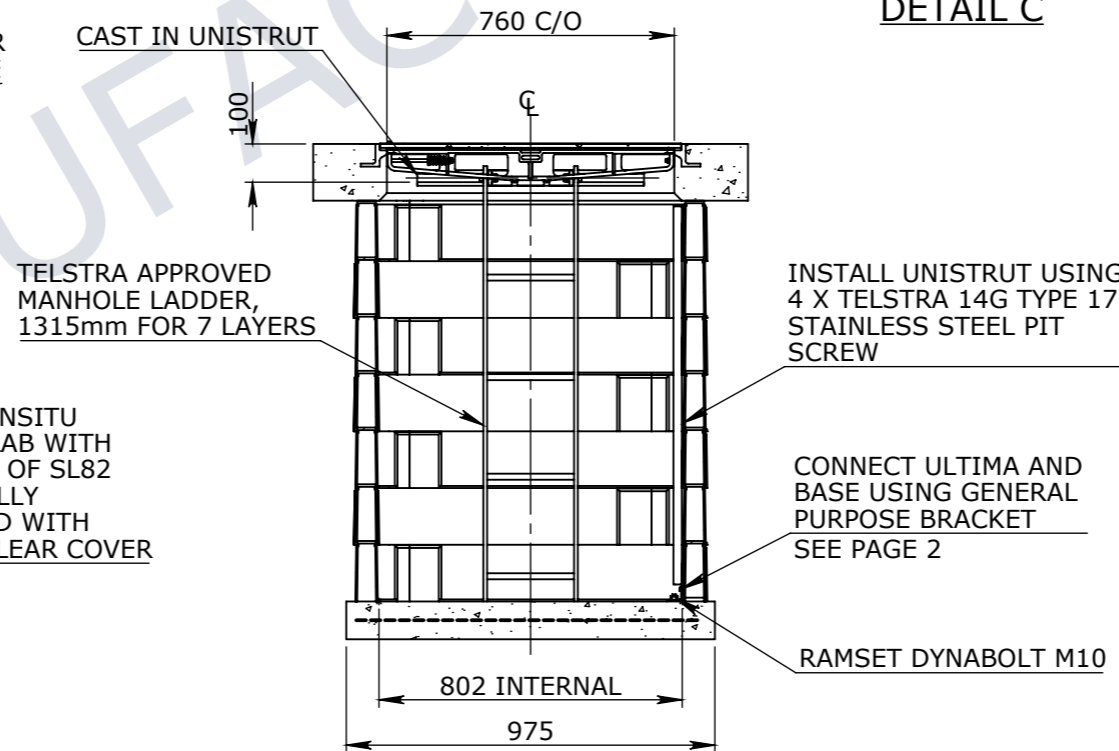
TOLERANCE NOTES:
1. CONCRETE TOLERANCES TO BE INCONJUCTION / ACCORDANCE WITH AS3600 - CONCRETE STRUCTURES
2. WHEN A BROOM FINISH IS REQUIRED THE GENERAL TOLERANCE SUPERCEDES THE FLATNESS TOLERANCE
3. WALL THICKNESS - DIMENSION AS NOTED IS MINIMUM THICKNESS ONLY
4. CONCRETE GRADE - 40MPA UNLESS NOTED OTHERWISE
5. DIMENSIONS ARE NOT INCLUSIVE OF SEALANTS OF JOINTS
6. SURFACE FINISH - CLASS 4 (AS3610.1)

REVISION CONTROL

	DESCRIPTION	DATE	BY	APPROVED
5	ADDED LADDER	04/03/24	ML	CA
4	ADDED SUMP	01/03/24	ML	CA
3	CHANGED PUNCHED STRAPPING TO UNISTRUT	23/02/24	ML	CA
Rev.	DESCRIPTION	DATE	BY	APPROVED

CHK / APPR: Lee, Mia
DATE:
RPEQ DOCUMENT #:

Infrastructure Products Australia
A CRH COMPANY

HEAD OFFICE: 1 REEVES COURT BREAKWATER, VIC 3219 1800 065 356
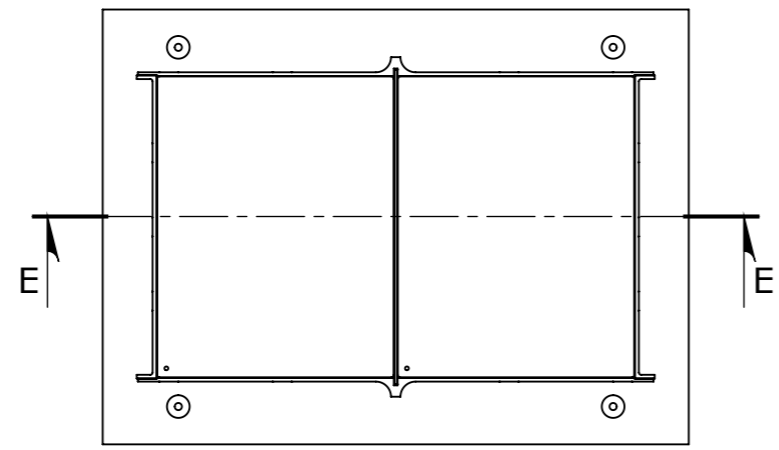ENGINEERING & DEVELOPMENT: 91 STRADBROKE STREET HEATHWOOD, QLD 4110 (07) 3714 0444

GENERAL TOLERANCES

NOMINAL:	UP TO 1000mm	1M AND ABOVE
TOLERANCE:	±5mm	1mm IN 200mm UP TO A MAXIMUM OF 20mm

FLATNESS: (NOT INCLUDING BROOME FINISH) ±4mm PER 1M WIDTH IN 1M LENGTH

WEIGHT: 810Kg
MATERIAL:
IRF REF:

DRAFTED DATE: 16/08/2022
DRAFTED BY: MLEE
DATE LAST SAVED: 7/03/2024
LAST SAVED BY: MLEE

PART/PRODUCT #: 50207385
QUOTE #:
ORDER #:
REINFORCEMENT COMPUTATION
PIT #:
ITEM TYPE
CLIENT: INFRASTRUCTURE PRODUCTS AUSTRALIA
PROJECT DESC: CATALOGUE PRODUCTS
DRAWING NAME: ULTIMA 1280 MANHOLE CLASS B NO FLOOR
DRAWN TO AS 1100 DO NOT SCALE FROM SHEET
DRAWING #: 50207385
PAGE: 1 / 2
SHEET SIZE: A3
SCALE: 1:20
REV. 5

MAX. 534

PLAN VIEW

SUMP, $\emptyset 170 \underline{\overline{\vee}} 70$

150

150

MAX. 534

2 X RAMSET DYNABOLT M10
FIX GENERAL PURPOSE
BRACKET TO BASE
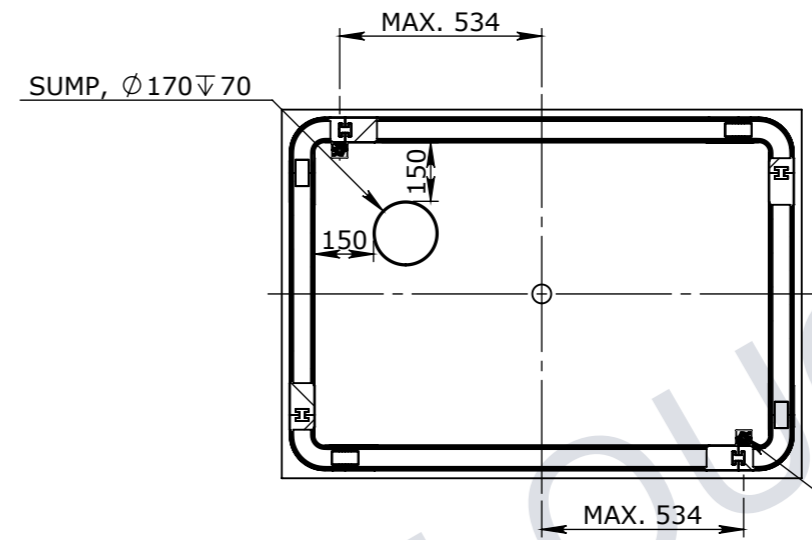
PLAN VIEW
WITHOUT ENCASEMENT

MAX. 534

℄

UNISTRUT 1000mm

4 X TELSTRA 14G TYPE 17
STAINLESS STEEL PIT SCREWS
INSTALL SELF TAPPING SCREW
TO FIX UNISTRUT TO ULTIMA
(1 EACH FOR 2 LAYER)

2 X TELSTRA 14G TYPE 17
STAINLESS STEEL PIT SCREWS
FIX THE GENERAL PURPOSE
BRACKET TO ULTIMA
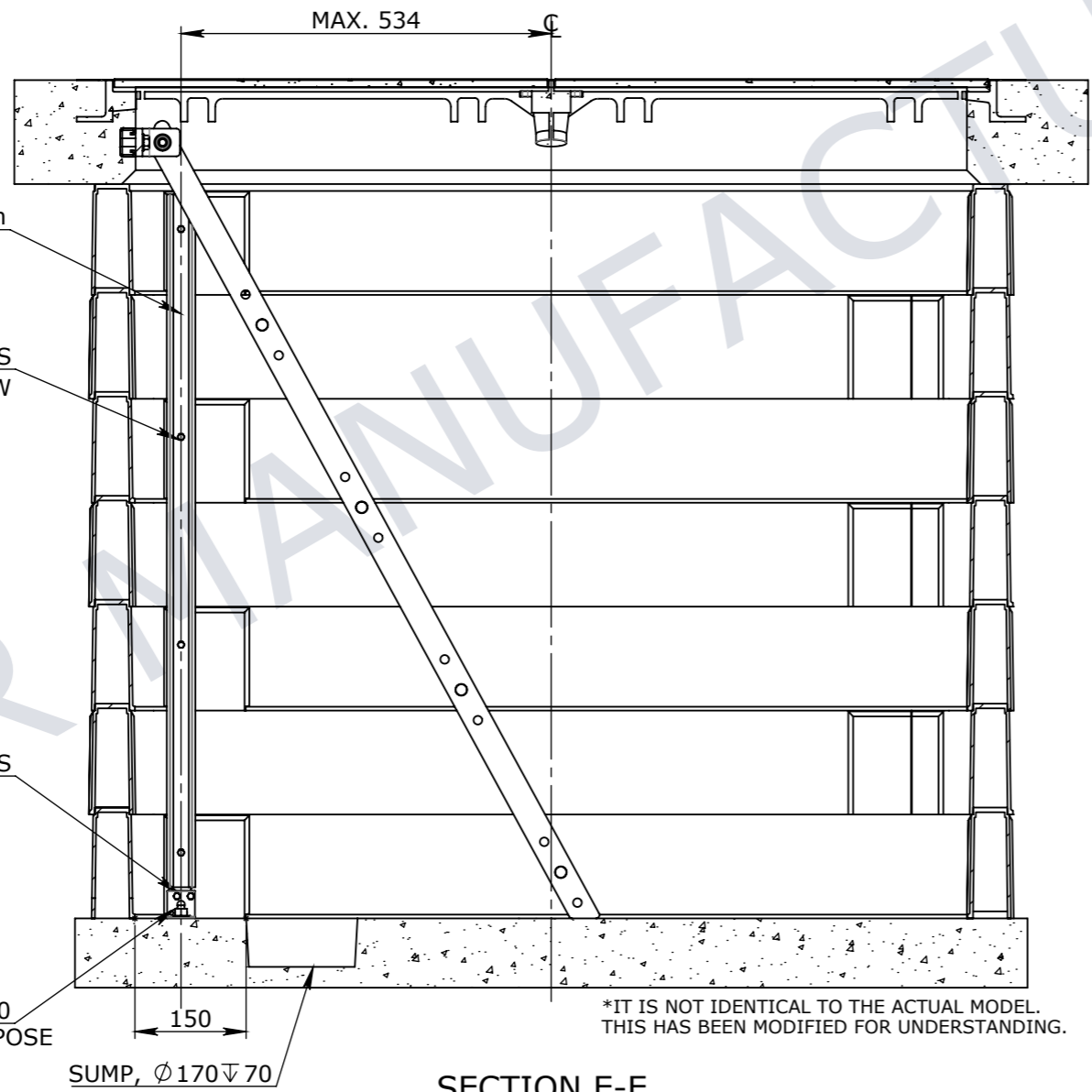
*IT IS NOT IDENTICAL TO THE ACTUAL MODEL.
THIS HAS BEEN MODIFIED FOR UNDERSTANDING.

RAMSET DYNABOLT M10
FIX THE GENERAL PURPOSE
BRACKET TO BASE

150

SUMP, $\emptyset 170 \underline{\overline{\vee}} 70$

SECTION E-E
SCALE_1 : 10

* FASTENERS TO BE SUPPLIED BY INSTALLER

Infrastructure
Products Australia
A CRH COMPANY

DRAWN TO AS 1100
DO NOT SCALE
FROM SHEET

NAME:
ULTIMA 1280 MANHOLE CLASS B NO FLOOR

REV
5

DRAWING No:
50207385

DRAFTED BY: | DRAFTED DATE: | PAGE: 2/2 | SHEET: A3 | SCALE UNO: 1:20