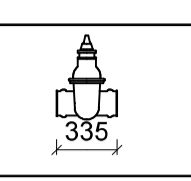
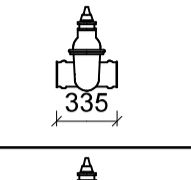

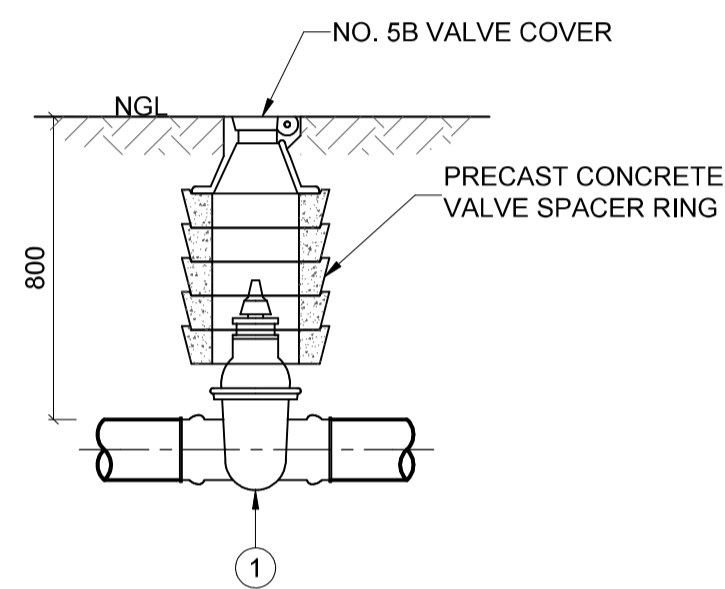


SCHEDULE TABLE
90mmØ, 75mmØ & 63mmØ uPVC PIPELINE

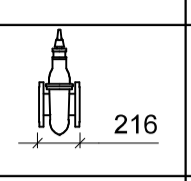
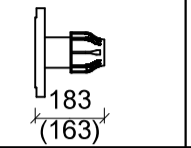
ITEM	NOMINAL DIAMETER	QTY	DESCRIPTION	SKETCH	PN
①	90	1	SOCKETED WEDGE GATE VALVE TO SABS 664		16
①	75	1	SOCKETED WEDGE GATE VALVE TO SABS 664		16
①	63	1	SOCKETED WEDGE GATE VALVE TO SABS 664		16

NOTE:
- ALL FITTINGS, PIPEWORK AND VALVES FOR uPVC TO BE RATED PN16
- VALVE SIZE TO BE BASED ON THE NOMINAL DIAMETER OF THE PIPELINE

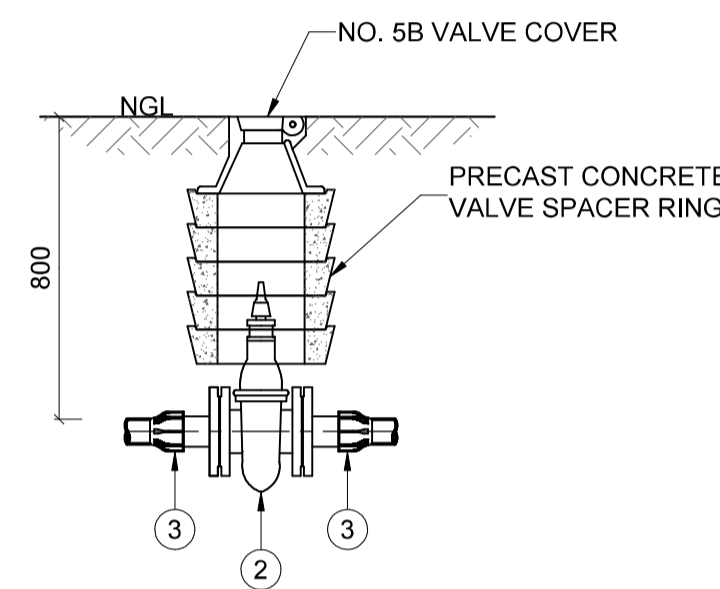


ISOLATING VALVE DETAIL
uPVC PIPELINE

SCHEDULE TABLE
50mmØ HDPE PIPELINE

ITEM	NOMINAL DIAMETER	QTY	DESCRIPTION	SKETCH	PN
②	50	1	FLANGED RSV GATE VALVE TO SABS 664		16
③	50 x 2"	2	COMPRESSION FLANGE ADAPTER		16

NOTE:
- ALL FITTINGS, PIPEWORK AND VALVES FOR uPVC TO BE RATED PN16
- ALL VALUES IN BRACKETS APPLY TO 50mmØ HDPE PIPELINE

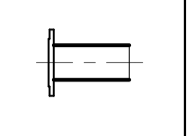
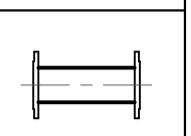
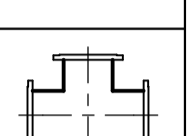



ISOLATING VALVE DETAIL
63mmØ / 50mmØ HDPE PIPELINE

NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200.
 - ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.
 - ALL PIPE FITTINGS AND DIMENSIONS ARE TO BE CHECKED ON SITE. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO FABRICATION.
 - ALL PIPEWORK TO BE GMS UNLESS STATED OTHERWISE.
 - ALL FLANGES SHALL BE RATED AND DRILLED TO SABS 1123.
 - ALL BOLTS AND SUPPORTING STEELWORK TO BE HOT-DIPPED GALVANISED.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS.
 - ALL BURIED FITTINGS AND FLANGES ARE TO BE WRAPPED IN DENSOL MASTIC BLANKET WRAPPING.
 - ALL CONCRETE IS TO BE GRADE 25/19 UNLESS STATED OTHERWISE.
 - ALL FLANGE FITTINGS AND VALVES ARE TO SUIT THE VALVE CLASS SHOWN ON LONG SECTIONS.
 - ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS, ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY ACT, (LATEST REVISION) AND THE CONSTRUCTION REGULATIONS.
 - THE MAIN CONTRACTOR IS TO ENSURE THAT A COMPETENT PERSON, APPROVED BY THE SOUTH AFRICAN QUALIFICATION AUTHORITY SUPERVISES AND APPROVES ALL ASPECTS OF THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, LATEST REVISION.
 - ALL TEMPORARY WORKS TO BE DESIGNED, DETAILED, SUPERVISED AND CERTIFIED BY A COMPETENT PERSON OR PROFESSIONAL ENGINEER AS DEFINED IN THE OHS ACT.
 - THE WORKS WILL BE INSPECTED FROM TIME TO TIME BY THE CONSULTING ENGINEER TO ASCERTAIN THAT THE CONTRACTOR IS CARRYING OUT THE WORK IN GENERAL CONFORMITY WITH THE ENGINEERING DRAWINGS AND DOCUMENTS.
- SUCH INSPECTIONS ARE NOT CARRIED OUT FOR THE BENEFIT OF THE CONTRACTOR, AND DO NOT RELIEVE HIM OF THE RESPONSIBILITY FOR THE PROPER CONSTRUCTION OF THE WORKS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS, DOCUMENTS & GOOD BUILDING PRACTICE.
- CONTRACTOR TO UNDERTAKE TESTING BY APPROVED METHODS TO CONFIRM ALLOWABLE BEARING CAPACITY OF 100kPa IS ACHIEVABLE. IF SUBSTANDARD BEARING CAPACITY ENCOUNTERED, THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.

ABBREVIATION KEY

ABRV.	DESCRIPTION	SKETCH
F.O.E.	FLANGED ONE END	
F.B.E.	FLANGED BOTH ENDS	
F.A.E.	FLANGED ALL ENDS	

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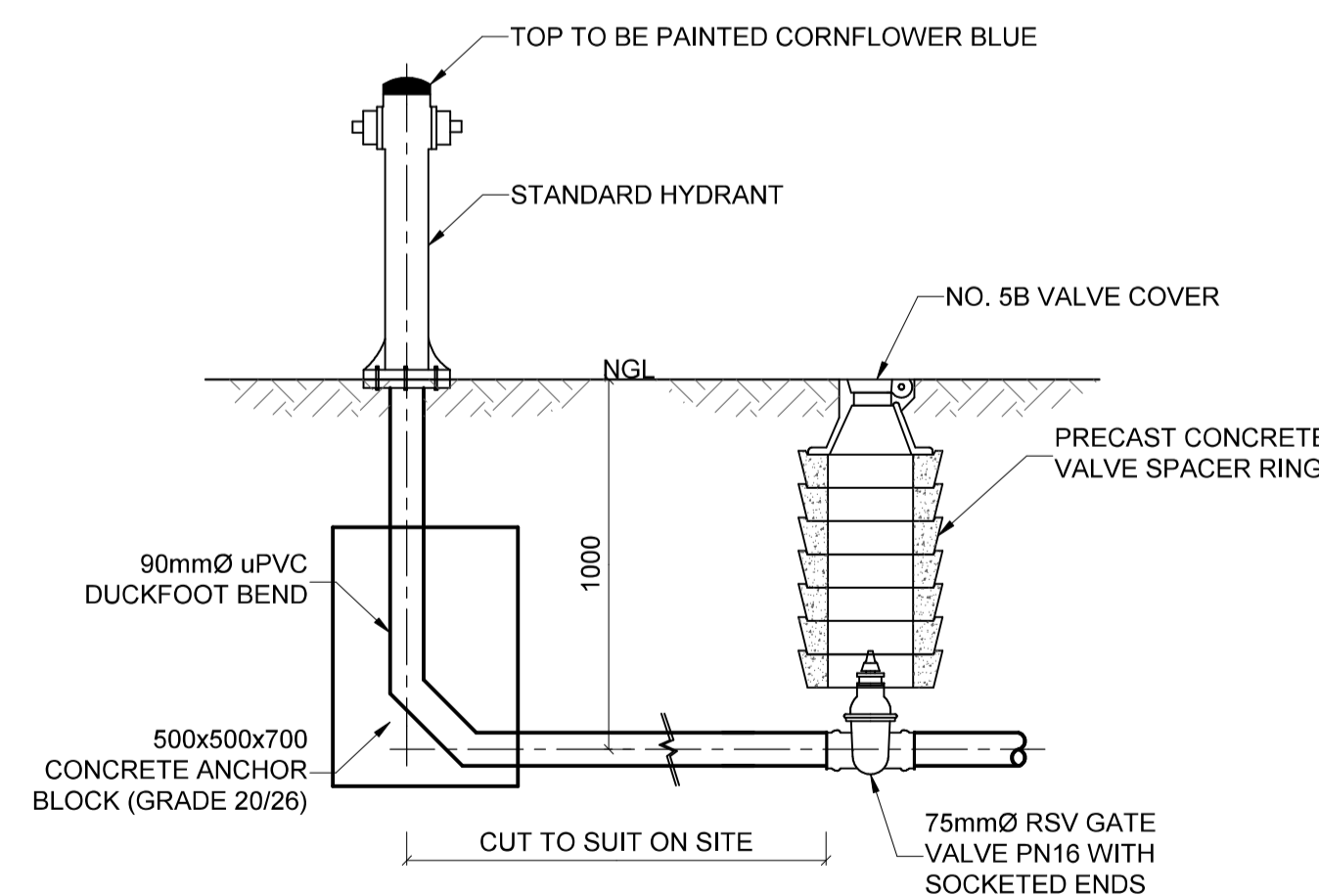
TENDER DRAWING

DATE : _____

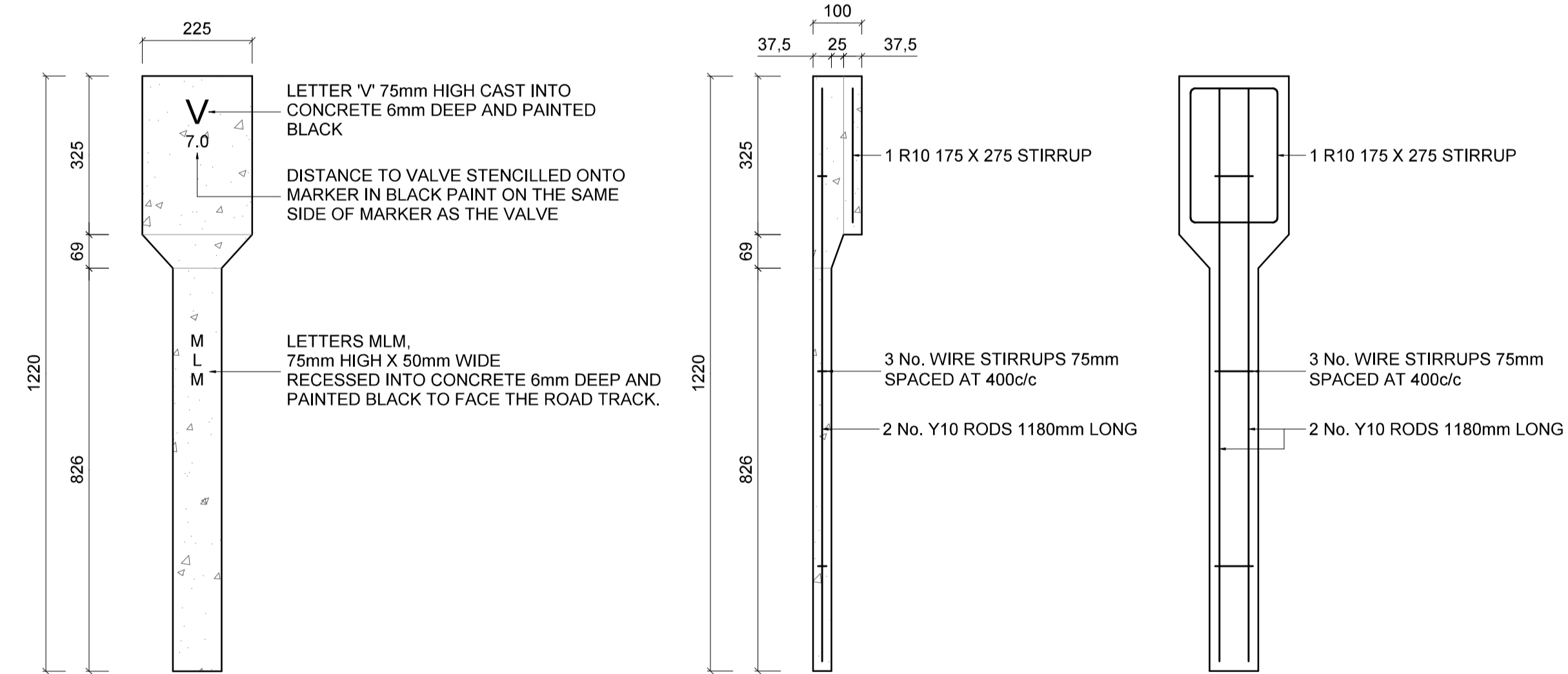
SIGNED BY : _____

CONSULTING ENGINEER

REV	DATE	DESCRIPTION	BY	CHK
A	31-03-21	TENDER DRAWING	AG	SD



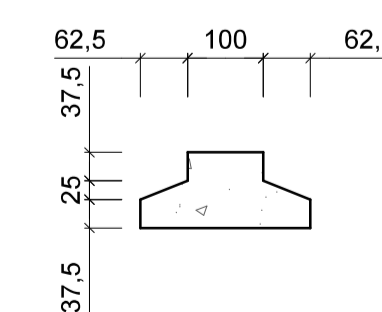
STANDARD HYDRANT WITH uPVC DUCKFOOT BEND
SCALE 1:20



FRONT ELEVATION
SCALE 1:10

SIDE ELEVATION
SCALE 1:10

REBAR LAYOUT
SCALE 1:10



PLAN VIEW
SCALE 1:10

LEGEND TO VALVE MARKER:

- H - HYDRANT VALVE
- V - VALVE
- A - AIR VALVE
- S - SCOUR VALVE

STANDARD PRECAST CONCRETE VALVE MARKER

REFERENCE DRAWINGS

CLIENT LOGO



CLIENT NAME **HOUSING DEVELOPMENT AGENCY**

PROJECT TITLE
INSTALLATION OF INTERNAL WATER AND SEWER NETWORK FOR UNIT 3 AND 7 MELODING, VIRGINIA

DRAWING TITLE
ISOLATION VALVE DETAIL, HYDRANT DETAIL AND VALVE MARKER DETAIL

	RESPONSIBLE PERSON	DATE
DESIGNED	A. GANASS	25-02-2021
CHECKED	S. DELOMONEY	25-02-2021
DRAWN	A. GANASS	25-02-2021
CHECKED	S. DELOMONEY	25-02-2021
SCALES	AS NOTED	SHEET SIZE A1
DRAWING NO.	WP2319-MNA-FT-WA-401	REVISION A