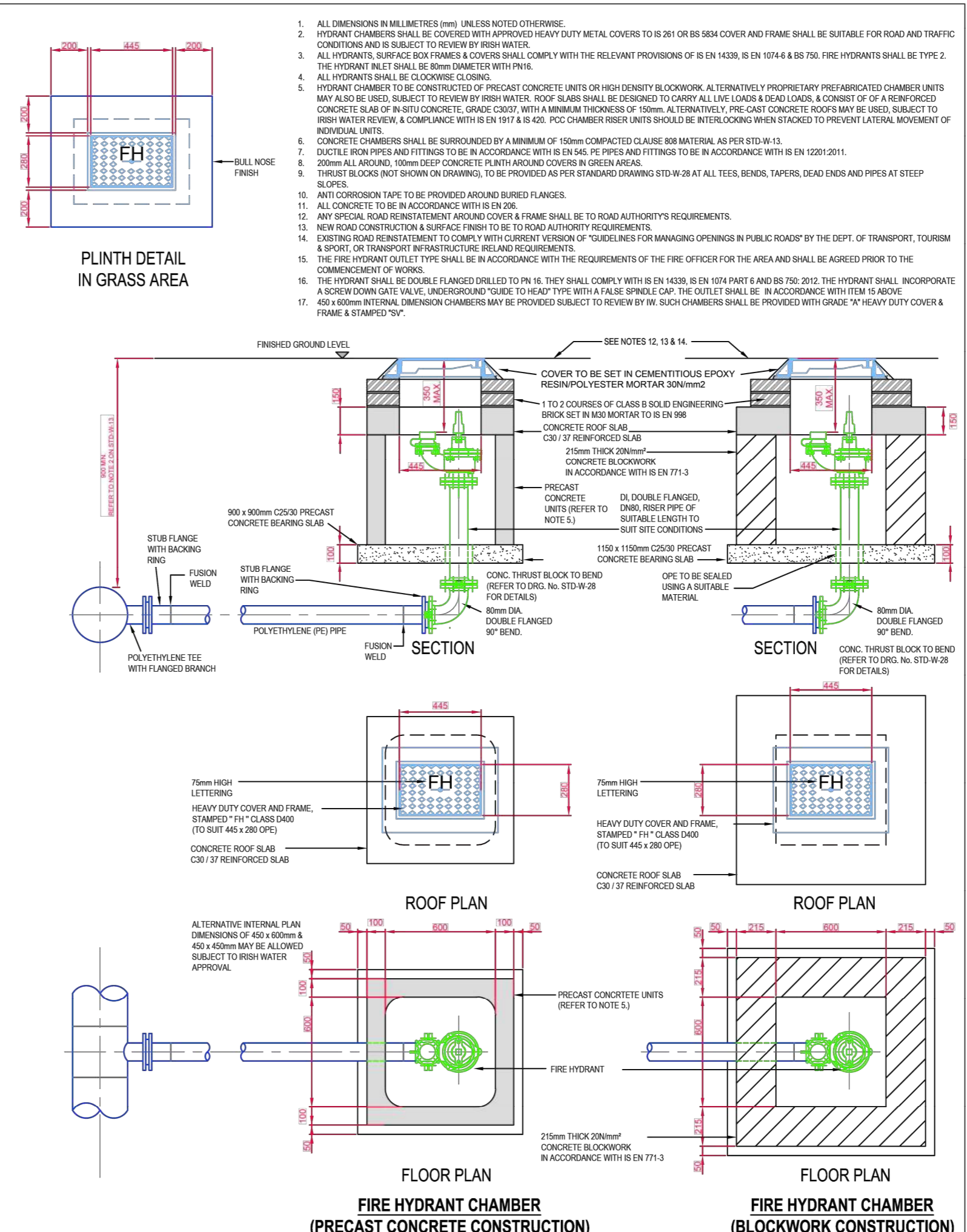
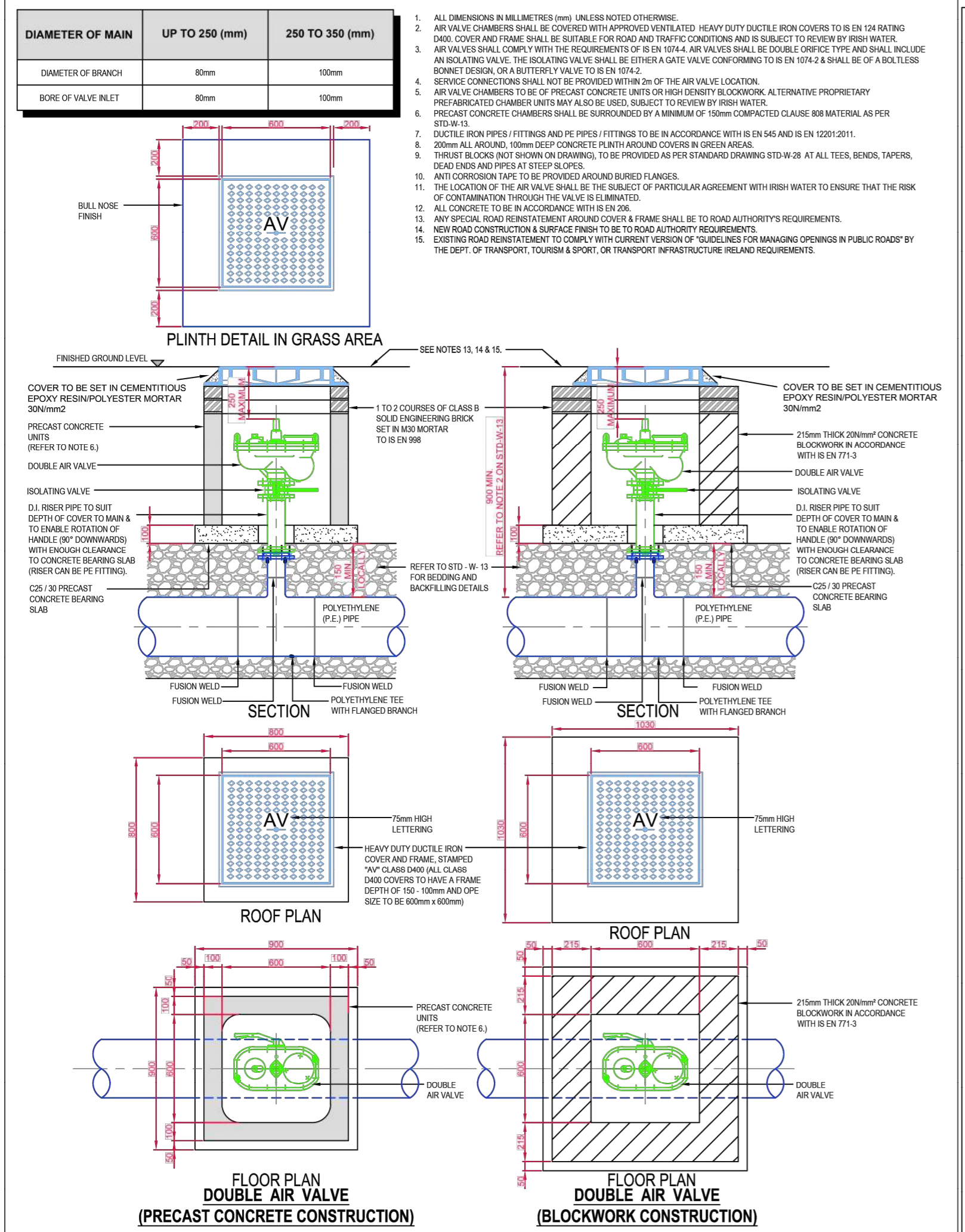


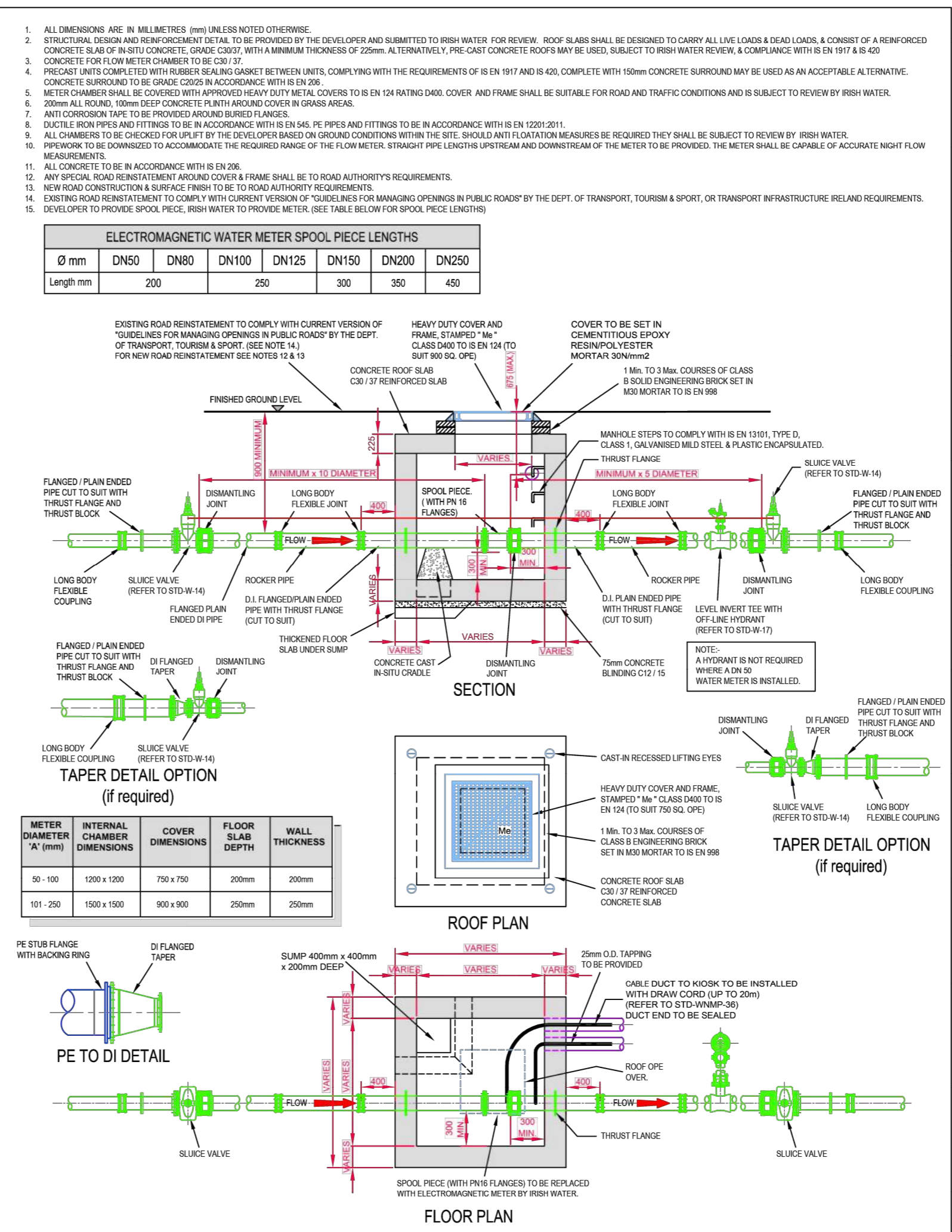
REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT																																																					
<table border="1"> <tr> <th>NO</th> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>DESCRIPTION</th> <th>APP</th> </tr> <tr> <td>1</td> <td>07/20/19</td> <td>TOC</td> <td></td> <td>Updated Anti-Torque Support Note</td> <td>WOC</td> </tr> <tr> <td>2</td> <td>11/17/19</td> <td>JMC/TOC</td> <td></td> <td>Revised &amp; Added Notes</td> <td>WOC</td> </tr> <tr> <td>3</td> <td>08/16/19</td> <td>JMC/TOC</td> <td></td> <td>Revised notes 2, 3 &amp; 6</td> <td>WOC</td> </tr> <tr> <td>4</td> <td>09/15/19</td> <td>JMC/TOC</td> <td></td> <td>Initial Issue</td> <td>SL</td> </tr> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Chk</td> <td>Description</td> <td>App</td> </tr> </table>	NO	DATE	BY	CHK	DESCRIPTION	APP	1	07/20/19	TOC		Updated Anti-Torque Support Note	WOC	2	11/17/19	JMC/TOC		Revised & Added Notes	WOC	3	08/16/19	JMC/TOC		Revised notes 2, 3 & 6	WOC	4	09/15/19	JMC/TOC		Initial Issue	SL	No.	Date	By	Chk	Description	App	<table border="1"> <tr> <th colspan="2">STANDARD DETAILS - WATER</th> <th>Scale 1:25</th> <th>DATE</th> </tr> <tr> <td colspan="2">SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (&lt; 350mm DIA.) (Sheet 2 of 2)</td> <td></td> <td>SEPT. 2015</td> </tr> <tr> <td>DRAWING No.</td> <td>REV</td> <td></td> <td></td> </tr> <tr> <td>STD-W-15</td> <td>3</td> <td></td> <td></td> </tr> </table>	STANDARD DETAILS - WATER		Scale 1:25	DATE	SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (< 350mm DIA.) (Sheet 2 of 2)			SEPT. 2015	DRAWING No.	REV			STD-W-15	3		
NO	DATE	BY	CHK	DESCRIPTION	APP																																																
1	07/20/19	TOC		Updated Anti-Torque Support Note	WOC																																																
2	11/17/19	JMC/TOC		Revised & Added Notes	WOC																																																
3	08/16/19	JMC/TOC		Revised notes 2, 3 & 6	WOC																																																
4	09/15/19	JMC/TOC		Initial Issue	SL																																																
No.	Date	By	Chk	Description	App																																																
STANDARD DETAILS - WATER		Scale 1:25	DATE																																																		
SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (< 350mm DIA.) (Sheet 2 of 2)			SEPT. 2015																																																		
DRAWING No.	REV																																																				
STD-W-15	3																																																				



REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT																																																					
<table border="1"> <tr> <th>NO</th> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>DESCRIPTION</th> <th>APP</th> </tr> <tr> <td>1</td> <td>07/20/19</td> <td>TOC</td> <td></td> <td>Added notes in Hyd. and Fire Hydrant, &amp; Revised notes 2 &amp; 3</td> <td>WOC</td> </tr> <tr> <td>2</td> <td>08/16/19</td> <td>JMC/TOC</td> <td></td> <td>Revised notes 2, 3 &amp; 6</td> <td>WOC</td> </tr> <tr> <td>3</td> <td>08/16/19</td> <td>JMC/TOC</td> <td></td> <td>Added Fire Hydrant</td> <td>WOC</td> </tr> <tr> <td>4</td> <td>09/15/19</td> <td>JMC/TOC</td> <td></td> <td>Initial Issue</td> <td>SL</td> </tr> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Chk</td> <td>Description</td> <td>App</td> </tr> </table>	NO	DATE	BY	CHK	DESCRIPTION	APP	1	07/20/19	TOC		Added notes in Hyd. and Fire Hydrant, & Revised notes 2 & 3	WOC	2	08/16/19	JMC/TOC		Revised notes 2, 3 & 6	WOC	3	08/16/19	JMC/TOC		Added Fire Hydrant	WOC	4	09/15/19	JMC/TOC		Initial Issue	SL	No.	Date	By	Chk	Description	App	<table border="1"> <tr> <th colspan="2">STANDARD DETAILS - WATER</th> <th>Scale 1:25</th> <th>DATE</th> </tr> <tr> <td colspan="2">OFF - LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE (Sheet 4 of 4)</td> <td></td> <td>SEPT. 2015</td> </tr> <tr> <td>DRAWING No.</td> <td>REV</td> <td></td> <td></td> </tr> <tr> <td>STD-W-19</td> <td>4</td> <td></td> <td></td> </tr> </table>	STANDARD DETAILS - WATER		Scale 1:25	DATE	OFF - LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE (Sheet 4 of 4)			SEPT. 2015	DRAWING No.	REV			STD-W-19	4		
NO	DATE	BY	CHK	DESCRIPTION	APP																																																
1	07/20/19	TOC		Added notes in Hyd. and Fire Hydrant, & Revised notes 2 & 3	WOC																																																
2	08/16/19	JMC/TOC		Revised notes 2, 3 & 6	WOC																																																
3	08/16/19	JMC/TOC		Added Fire Hydrant	WOC																																																
4	09/15/19	JMC/TOC		Initial Issue	SL																																																
No.	Date	By	Chk	Description	App																																																
STANDARD DETAILS - WATER		Scale 1:25	DATE																																																		
OFF - LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE (Sheet 4 of 4)			SEPT. 2015																																																		
DRAWING No.	REV																																																				
STD-W-19	4																																																				



REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT																																																					
<table border="1"> <tr> <th>NO</th> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>DESCRIPTION</th> <th>APP</th> </tr> <tr> <td>1</td> <td>07/20/19</td> <td>TOC</td> <td></td> <td>Updated blockwork bedding note</td> <td>WOC</td> </tr> <tr> <td>2</td> <td>11/17/19</td> <td>JMC/TOC</td> <td></td> <td>Added &amp; updated notes</td> <td>WOC</td> </tr> <tr> <td>3</td> <td>08/16/19</td> <td>JMC/TOC</td> <td></td> <td>Revised notes 2, 3, 4 &amp; 7</td> <td>WOC</td> </tr> <tr> <td>4</td> <td>09/15/19</td> <td>JMC/TOC</td> <td></td> <td>Initial Issue</td> <td>SL</td> </tr> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Chk</td> <td>Description</td> <td>App</td> </tr> </table>	NO	DATE	BY	CHK	DESCRIPTION	APP	1	07/20/19	TOC		Updated blockwork bedding note	WOC	2	11/17/19	JMC/TOC		Added & updated notes	WOC	3	08/16/19	JMC/TOC		Revised notes 2, 3, 4 & 7	WOC	4	09/15/19	JMC/TOC		Initial Issue	SL	No.	Date	By	Chk	Description	App	<table border="1"> <tr> <th colspan="2">STANDARD DETAILS - WATER</th> <th>Scale 1:25</th> <th>DATE</th> </tr> <tr> <td colspan="2">ON - LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (Sheet 3 of 4)</td> <td></td> <td>SEPT. 2015</td> </tr> <tr> <td>DRAWING No.</td> <td>REV</td> <td></td> <td></td> </tr> <tr> <td>STD-W-22</td> <td>3</td> <td></td> <td></td> </tr> </table>	STANDARD DETAILS - WATER		Scale 1:25	DATE	ON - LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (Sheet 3 of 4)			SEPT. 2015	DRAWING No.	REV			STD-W-22	3		
NO	DATE	BY	CHK	DESCRIPTION	APP																																																
1	07/20/19	TOC		Updated blockwork bedding note	WOC																																																
2	11/17/19	JMC/TOC		Added & updated notes	WOC																																																
3	08/16/19	JMC/TOC		Revised notes 2, 3, 4 & 7	WOC																																																
4	09/15/19	JMC/TOC		Initial Issue	SL																																																
No.	Date	By	Chk	Description	App																																																
STANDARD DETAILS - WATER		Scale 1:25	DATE																																																		
ON - LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (Sheet 3 of 4)			SEPT. 2015																																																		
DRAWING No.	REV																																																				
STD-W-22	3																																																				



REFER TO INDEX SHEET FOR NOTES REGARDING DESIGN RESPONSIBILITY & RISK ASSESSMENT																																																											
<table border="1"> <tr> <th>NO</th> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>DESCRIPTION</th> <th>APP</th> </tr> <tr> <td>1</td> <td>07/20/19</td> <td>TOC</td> <td></td> <td>Issue updated notes</td> <td>WOC</td> </tr> <tr> <td>2</td> <td>11/17/19</td> <td>JMC/TOC</td> <td></td> <td>Revised notes &amp; added notes</td> <td>WOC</td> </tr> <tr> <td>3</td> <td>08/16/19</td> <td>JMC/TOC</td> <td></td> <td>Added steps &amp; revised cover notes</td> <td>WOC</td> </tr> <tr> <td>4</td> <td>09/15/19</td> <td>JMC/TOC</td> <td></td> <td>Added coverings to details</td> <td>WOC</td> </tr> <tr> <td>5</td> <td>09/15/19</td> <td>JMC/TOC</td> <td></td> <td>Initial Issue</td> <td>SL</td> </tr> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Chk</td> <td>Description</td> <td>App</td> </tr> </table>	NO	DATE	BY	CHK	DESCRIPTION	APP	1	07/20/19	TOC		Issue updated notes	WOC	2	11/17/19	JMC/TOC		Revised notes & added notes	WOC	3	08/16/19	JMC/TOC		Added steps & revised cover notes	WOC	4	09/15/19	JMC/TOC		Added coverings to details	WOC	5	09/15/19	JMC/TOC		Initial Issue	SL	No.	Date	By	Chk	Description	App	<table border="1"> <tr> <th colspan="2">STANDARD DETAILS - WATER</th> <th>Scale 1:25</th> <th>DATE</th> </tr> <tr> <td colspan="2">ELECTROMAGNETIC METER CHAMBER (80 - 250mm DIA.)</td> <td></td> <td>SEPT. 2015</td> </tr> <tr> <td>DRAWING No.</td> <td>REV</td> <td></td> <td></td> </tr> <tr> <td>STD-W-26</td> <td>4</td> <td></td> <td></td> </tr> </table>	STANDARD DETAILS - WATER		Scale 1:25	DATE	ELECTROMAGNETIC METER CHAMBER (80 - 250mm DIA.)			SEPT. 2015	DRAWING No.	REV			STD-W-26	4		
NO	DATE	BY	CHK	DESCRIPTION	APP																																																						
1	07/20/19	TOC		Issue updated notes	WOC																																																						
2	11/17/19	JMC/TOC		Revised notes & added notes	WOC																																																						
3	08/16/19	JMC/TOC		Added steps & revised cover notes	WOC																																																						
4	09/15/19	JMC/TOC		Added coverings to details	WOC																																																						
5	09/15/19	JMC/TOC		Initial Issue	SL																																																						
No.	Date	By	Chk	Description	App																																																						
STANDARD DETAILS - WATER		Scale 1:25	DATE																																																								
ELECTROMAGNETIC METER CHAMBER (80 - 250mm DIA.)			SEPT. 2015																																																								
DRAWING No.	REV																																																										
STD-W-26	4																																																										

**Standard Irish Water Detail References:**  
 STD-W-01 Water Service Connection responsibility  
 STD-W-02 Typical Layout for Water Mains within developments  
 STD-W-03 Customer connection & boundary box  
 STD-W-05 General Pipe Connection  
 STD-W-07 General Pipe Connection  
 STD-W-13 Trench Backfill & Bedding  
 STD-W-15 Sluice valve for Polyethylene (P.E.) Pipe (<350mmØ)  
 STD-W-19 Off-line hydrant for Polyethylene (P.E.) Pipe  
 STD-W-22 On-line Air Valve for Polyethylene (P.E.) Pipe  
 STD-W-26 Meter chamber (<300mm Ø)  
 STD-W-27 Marker posts/ Plates  
 STD-W-28 Water main thrust & support blocks

Refer to dwg no. 6291-5030-5031 for plan layout