

NOTES

- 1- FOR EARTH LUG, REFER TO DWG. No. IPS - D - EL - 413
- 2- FOR STUB - UP OF RIGID PVC PIPE AT GRADE. REFER TO DWG. No. IPS - D - EL - 414
- 3- FOR PIPE SUPPORT, REFER TO DWG. No. IPS - D - EL - 415
- 4- THE LOCATION OF CONNECTION POINTS ARE GENERALLY SHOWN ON THE LAYOUT DRAWING.
- 5- FOR NO. OF GROUNDING POINTS AND WIRE SIZE, REFER TO THE SELECTION CHART IN DWG. No. IPS - D - EL - 417. AND GROUNDING LAYOUT DRAWING.

No.	DESCRIPTION	QTY.
①	EARTH LUG	1-EA
②	CRIMP TYPE TERMINAL LUG, 35 sqmm.	1-EA
③	BOLT & NUT WITH 1-SPRING, 2-FLAT WASHERS SIZE: M10x25L FOR EARTH LUG	1-SET
④	RIGID PVC PIPE, 20mm, DIA. MIN. 300L	1-EA
⑤	UNISTRUT CHANNEL ([- 40x30x10x2.5tx120L])	1-EA
⑥	UNISTRUT CLAMP WITH BOLT/NUT, 20mm DIA.	1-SET
⑦	FLEXIBLE COPPER BRAID, 35sqmm, 300L	1-EA
⑧	STEEL ANGLE (L50x50x5tx100L)	1-EA
⑨	BOLT & NUT WITH 1-SPRING, 2-FLAT WASHERS FOR FLEXIBLE BRAID	2-EA

REV	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARDS 
 NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

REFERENCE DRAWING
 GROUNDING INSTALLATION DETAILS
 "CATEGORY 400"
 GATE, FENCE

DATE	DRAWING No.	SHEET	REV.
	IPS - D - EL - 409	1	1

