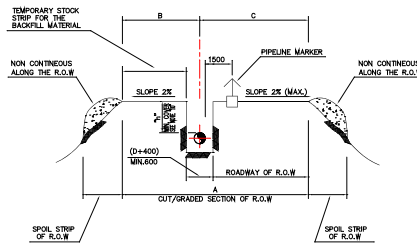
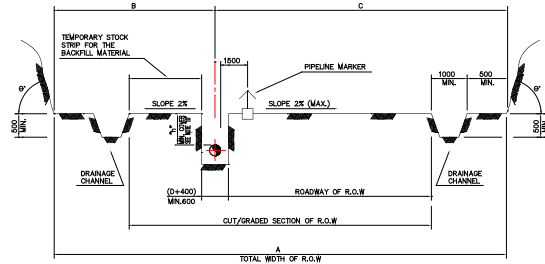


D= DIAMETER OF PIPE

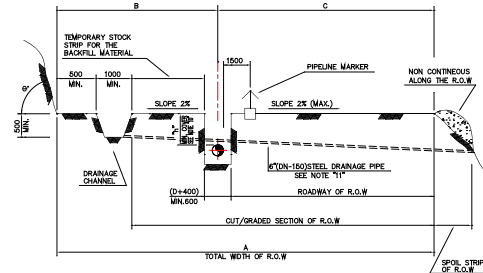
FLAT AREA "A"



HILL-TOP TERRAIN "B"



CANYON TERRAIN "C"



HILL SIDE TERRAIN "D"

- NOTES**
- 1- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - 2- NO EMBANKMENT AND/OR FILLING ACTIVITIES SHALL BE CARRIED OUT IN CUT/GRADED SECTION OF R.O.W. SPOIL MATERIAL WHATSOEVER SHALL NOT BE USED FOR THE STRIP (AFTER COMPLETION OF PIPELINE CONSTRUCTION.)
 - 3- WHOLE WIDTH OF CUT/GRADED SECTION OF R.O.W. AS SHOWN ON THIS DRAWING SHALL BE THOROUGHLY CUT AND SMOOTHLY GRADED.
 - 4- THE CONTRACTOR SHALL ADOPT APPROPRIATE SLOPE FOR DRAINAGE CHANNEL, WHEREVER SHOWN ON THIS DRAWING AND EXTEND THIS CHANNEL TO A SUITABLE PLACE, WHERE RAINFALL WATER OR OTHERS ARE BEING DIVERTED FROM THE R.O.W. IN SUCH A WAY TO AVOID EROSION OF THE R.O.W.
 - 5- ANGLE θ SHALL NOT BE GREATER THAN THE NATURAL ANGLE OF REPOSE FOR THE MATERIAL IN WHICH THE CUTTING IS MADE FOR SOIL SPEC. FOR SOIL SPEC.
 - 6- AT LOCATIONS WHERE SURFACE WATER IS NATURALLY DRAINED ACROSS THE R.O.W. AND/OR AT ANY OTHER LOCATION AS DECIDED BY COMPANY'S REPRESENTATIVE, HIGH CROSSING SHALL BE BUILT TO PREVENT EROSION OF THE R.O.W.
 - 7- DIMENSIONS OF R.O.W. IN ANGLE & GARDEN IS THE SAME AS HILL-TOP AREA, HOWEVER THE R.O.W. LAYOUT IN GARDEN AND FOREST WILL BE THE SAME AS FLAT AREA.
 - 8- NO SPOIL MATERIAL WHATSOEVER SHALL BE LEFT ANYWHERE ALONG THE R.O.W. AND THEREFORE SHALL BE REMOVED BY THE CONTRACTOR TO A PLACE WHERE SPOIL STRIPS HAVE BEEN ALLOCATED FOR THIS PURPOSE AS PER THIS DRAWINGS.
 - 9- TABLE 1 SHOWS THE MINIMUM STANDARD DIMENSIONS OF R.O.W. AS REFERRED TO FIGURES (A,B,C,D) FOR DIFFERENT SIZES OF PIPELINE AND VARIOUS LOCATIONS.
 - 10- MINIMUM "A" FOR NORMAL TERRAIN 900mm.
MINIMUM "B" FOR ROCKY AREA 600mm.
MINIMUM "C" FOR CULTIVATED AREA 1200mm.
 - 11- PROPER DRAINAGE TO BE CONSTRUCTED EVERY 60m. ALONG THE R.O.W.
 - 12- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH IPS-E-PI-140.

راهنما:

1- انتخاب موقعیت قرار گیری لوله از موقعیت

های رسم شده شامل A,B,C,D

2- انتخاب سایز لوله و استخراج ضرایب

A,B,C از جدول TABLE 1

دانلود شده از

<https://pipelinestudio.blog.ir/>

TABLE 1
DIMENSION OF NEW R.O.W CUT & GRADED SECTION

PIPE SIZE		FLAT AREA			HILL TOP			CANYON			HILL SIDE		
NPS	DN	A	B	C	A	B	C	A	B	C	A	B	C
~ <2"	~ <200	18000	4000	12000	11000	3000	8000	11000	3000	8000	11000	3000	8000
14" < ~ <18"	350 < ~ <450	18000	5000	13000	11000	3000	8000	11000	3000	8000	11000	3000	8000
18" < ~ <22"	450 < ~ <550	20000	6000	15000	12000	3000	9000	12000	3000	9000	12000	3000	9000
24" < ~ <32"	600 < ~ <800	23000	6000	18000	15000	3500	11500	15000	3500	11500	15000	3500	11500
36" < ~ <42"	900 < ~ <1050	25000	7000	18000	16000	4000	12000	16000	4000	12000	16000	4000	12000
~ >42"	~ >1050	28000	8000	20000	18000	4000	14000	18000	4000	14000	18000	4000	14000

NO.	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARDS

NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

PIPELINE RIGHT-OF-WAY

DATE	DRAWING No.	SHEET	REV.

IPS-D-PI-143

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