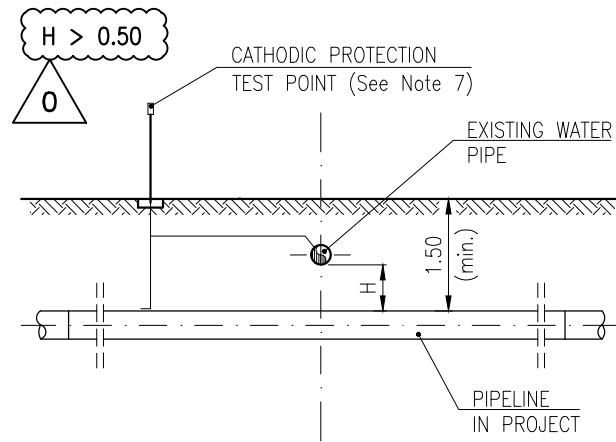
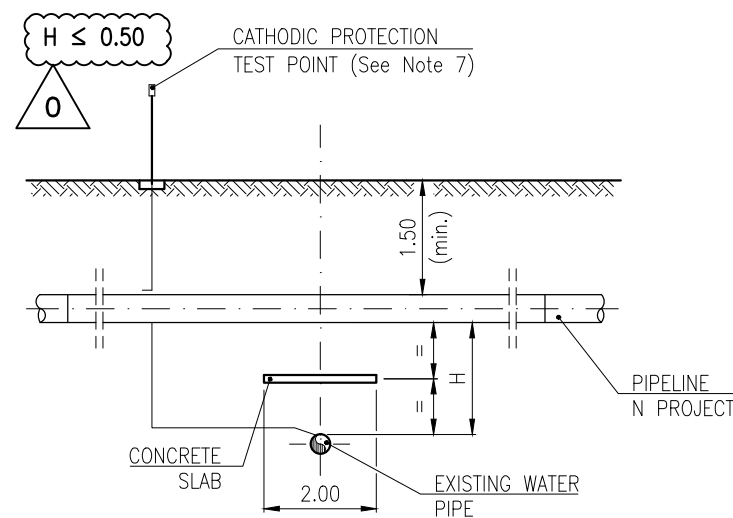
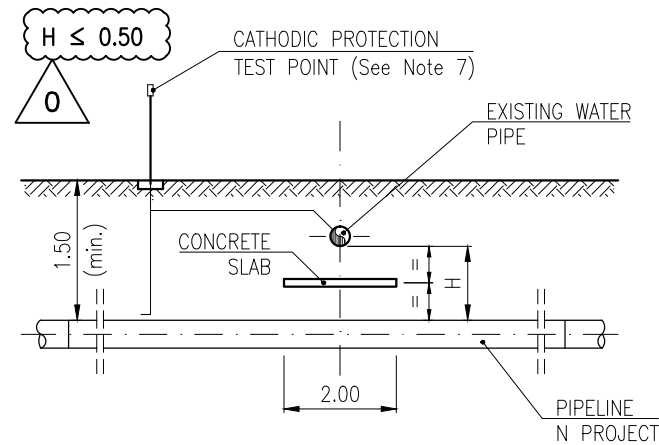
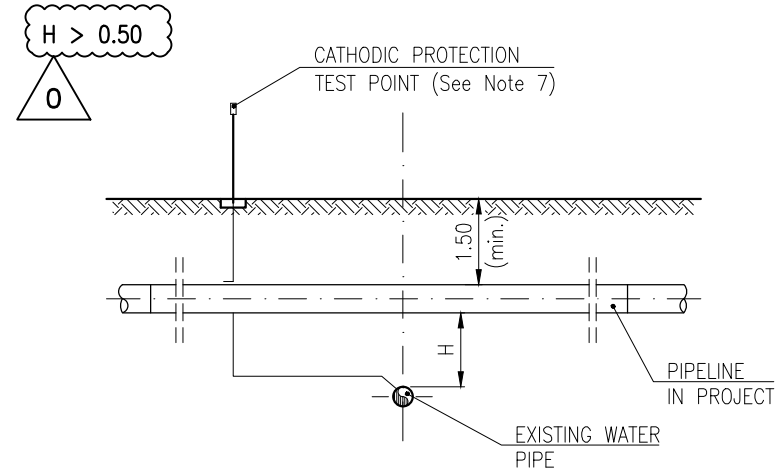


CROSSING UNDER EXISTING UTILITY



CROSSING OVER EXISTING UTILITY



**NOTE:**

1. THIS DRAWING REPRESENTS A TYPICAL AND DEFINES THE MINIMUM REQUIREMENTS FOR THE METAL WATERPIPE CROSSINGS.
2. THE DESIGN OF THE CROSSING SHALL BE IN ACCORDANCE WITH D.M. 17/04/2008.
3. IRRIGATION WATERPIPES ARE NOT INCLUDED (SEE DRAWING IPL00-C5522-100-F-DFT-0017).
4. FOR CROSSINGS WITH SEPARATION (H) ≤ 0.50m , AN ADEQUATE MECHANICAL PROTECTION (CONCRETE SLAB) SHALL BE INSTALLED BETWEEN THE FACING SURFACES; THIS PROTECTION IS NOT REQUIRED WHEN THE PIPELINE HAS ALREADY BEEN PROTECTED IN CONCRETE DUCT, CASING OR EQUIVALENT PROTECTION.
5. EQUIPOTENTIAL CONNECTION TO BE INSTALLED IF THE EXISTING WATER PIPE HAS CP SYSTEM. BEFORE CONNECTION IT IS NECESSARY RECEIVE TO APPROVAL BY EXISTING SERVICE OWNER.
6. IN CASE OF TRENCHLESS INSTALLATION CASING PIPE WILL BE USED.
7. CP TEST POINT LOCATIONS SHALL BE PLACED IN AN AREA WERE THEY ARE LESS SUSCEPTIBLE TO DAMAGE AND VANDALISM.
8. THE EXACT LOCATION AND BURIAL OF THE SERVICE TO BE CROSSED SHALL BE DETERMINED WITH AN ON PURPOSE SURVEY. THE SERVICE OWNER SHALL BE MADE AWARE AND SHALL AGREE WITH THE PROPOSED CROSSING CONFIGURATION.
9. ALL MEASUREMENTS ARE IN METRES UNLESS OTHERWISE SPECIFIED.



SUPPLIER DOCUMENT NUMBER  
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PROJECT TITLE

Trans Adriatic Pipeline Project/Onshore Pipeline Italy (OPLI)

DRAWING TITLE

TYPICAL CROSSING OF METAL WATERPIPE

TAG NUMBERS

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PAGE

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FORMAT  
A3

SCALE  
N.T.S.

FACILITY CODE

SYSTEM NO.

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RD CODE

REVISION NO.

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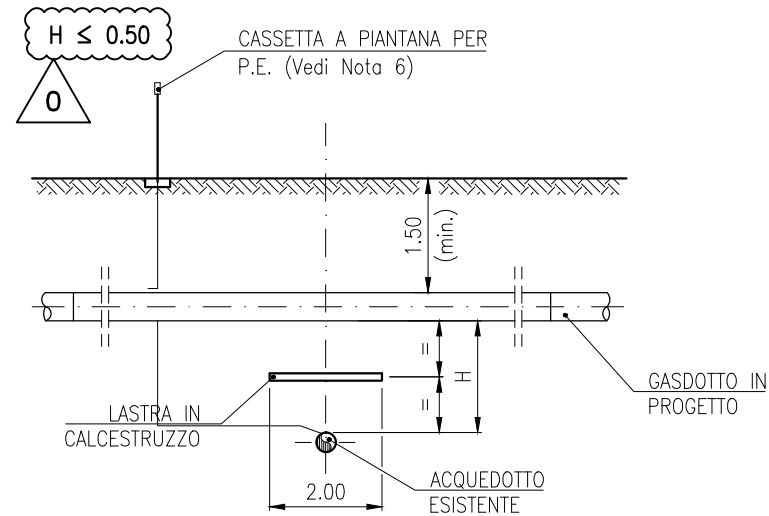
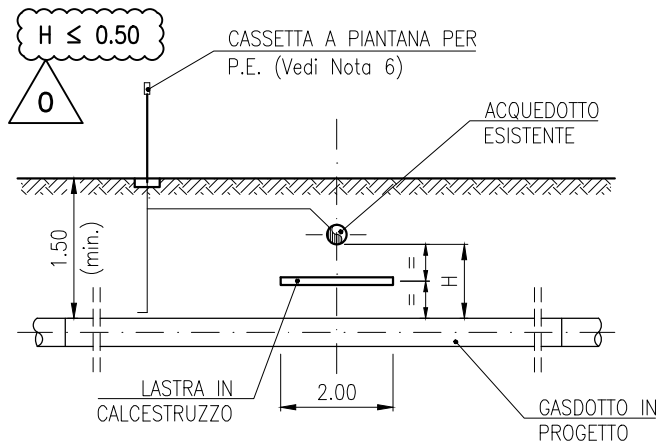
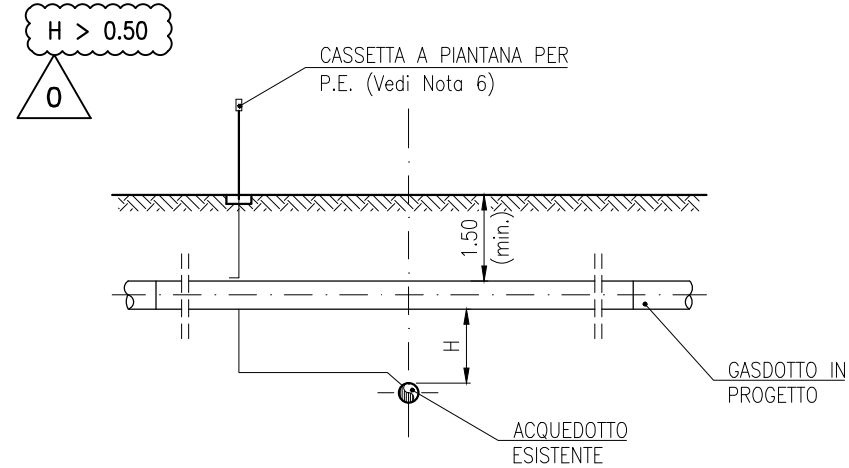
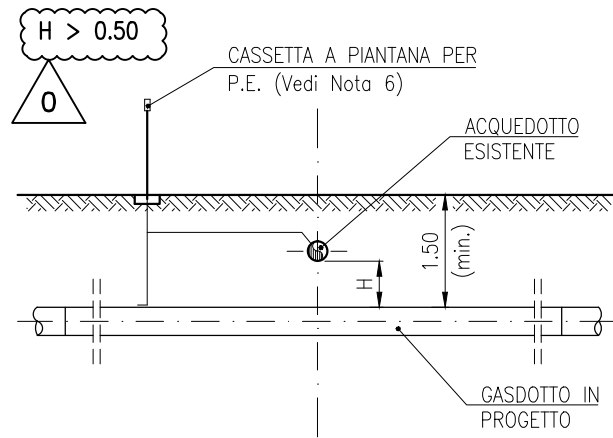
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B	RE-ISSUED FOR REVIEW	IFR	EP	AB	AF	06/09/16
A	ISSUED FOR REVIEW	IFR	EP	AB	AF	10/08/16
REV.	DESCRIPTION		PREP	VFY	APPR	DATE

DRAWING NO.

IPL00-C5522-125-F-DFT-0018-01

**SOTTOPASSI**

**SOVRAPPASSI**



**NOTE:**

1. QUESTO DISEGNO RAPPRESENTA UN TIPICO E DEFINISCE I MINIMI REQUISITI PER L'ATTRAVERSAMENTO DI ACQUEDOTTI METALLICI.
2. LA PROGETTAZIONE DELL'ATTRAVERSAMENTO SARA' IN ACCORDO AL D.M. 17/04/2008 SONO ESCLUSI GLI ACQUEDOTTI PER IRRIGAZIONE (Vedi DISEGNO IPL00-C5522-100-F-DFT-0017).
3. NEL CASO DI INCROCIO A DISTANZA ( $H \leq 0.50m$ ), TRA LE SUPERFICI AFFACCIAE VERRA' INTERPOSTA UNA IDONEA PROTEZIONE MECCANICA NON METALLICA (LASTRE IN CALCESTRUZZO);TALE PROTEZIONE NON E' RICHIESTA QUALORA PER ALTRI MOTIVI LA CONDOTTA SIA GIA' PROTETTA CON CUNICOLO IN CALCESTRUZZO, TUBO DI PROTEZIONE O ALTRO MANUFATTO EQUIVALENTE.
4. LA CONNESSIONE EQUIPOTENZIALE SARA' INSTALLATA SE LA CONDOTTA ESISTENTE E' DOTATO DI SISTEMA DI PROTEZIONE CATODICA. PRIMA DELLA CONNESSIONE E' NECESSARIO RICEVERE L'APPROVAZIONE DEL PROPRIETARIO DEL SERVIZIO ESISTENTE.
5. IL TUBO DI PROTEZIONE VERRA' UTILIZZATO SOLTANTO IN CASO DI ATTRAVERSAMENTO CON TRIVELLA SPINGITUBO.
6. LA CASSETTA A PIANTANA DOVRA' ESSERE INSTALLATA IN UNA ZONA DOVE SONO MENO PROBABILI DANNI E ATTI DI VANDALISMO.
7. L'ESATTA UBICAZIONE E COPERTURA DEL SERVIZIO DA ATTRAVERSARE SARA' DETERMINATA CON UNA APPOSITA INDAGINE. LA CONFIGURAZIONE DELL'ATTRAVERSAMENTO DOVRA' ESSERE CONCORDATA CON IL PROPRIETARIO O IL GESTORE DEL SERVIZIO.
8. TUTTE LE MISURE SONO ESPRESSE IN METRI SE NON DIVERSAMENTE INDICATO.



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PROJECT TITLE  
Trans Adriatic Pipeline Project/Onshore Pipeline Italy (OPLI)

DRAWING TITLE  
ATTRAVERSAMENTO TIPICO PER ACQUEDOTTI METALLICI

TAG NUMBERS

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