

HYBRID PVC MANHOLE SUBMITTAL

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Submittal Part 3 of 4

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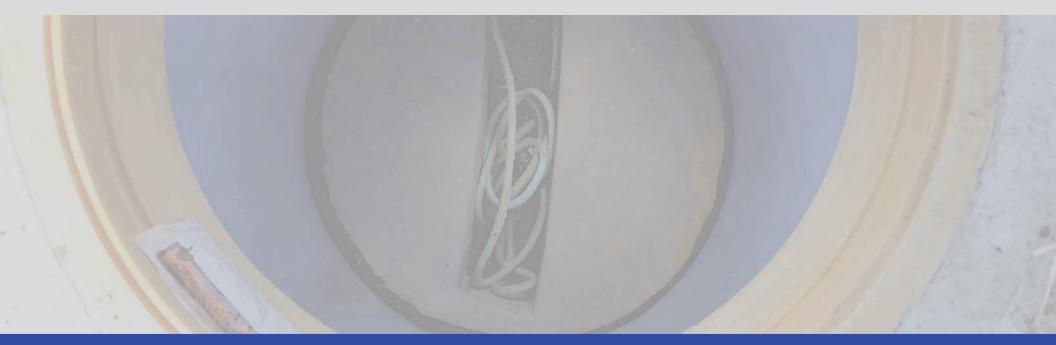


Invert-Up Rehabilitation Installation with PVC Manhole

Presentation



PVC MANHOLE INVERT-TO-RIM REHAB SYSTEM

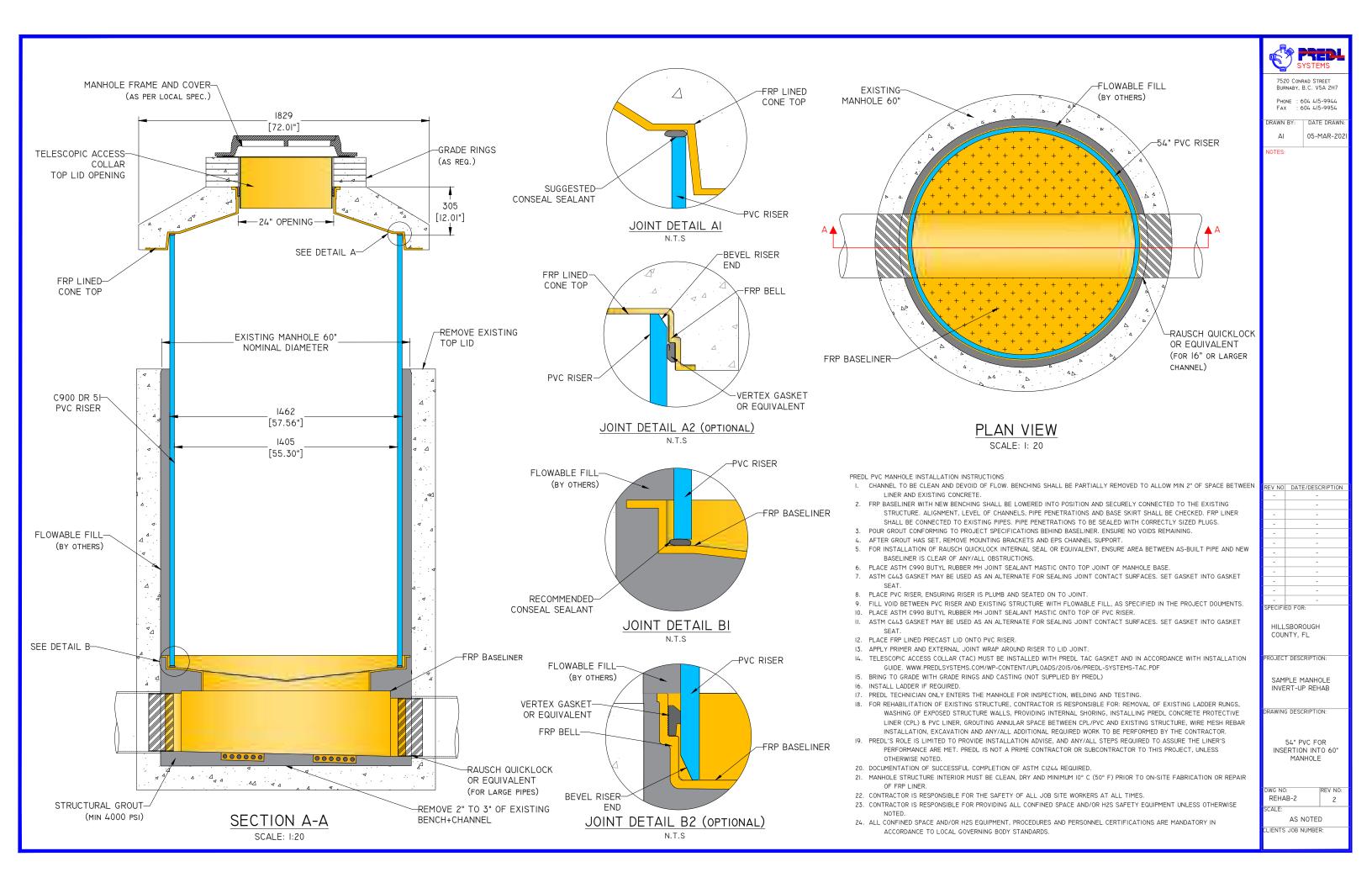


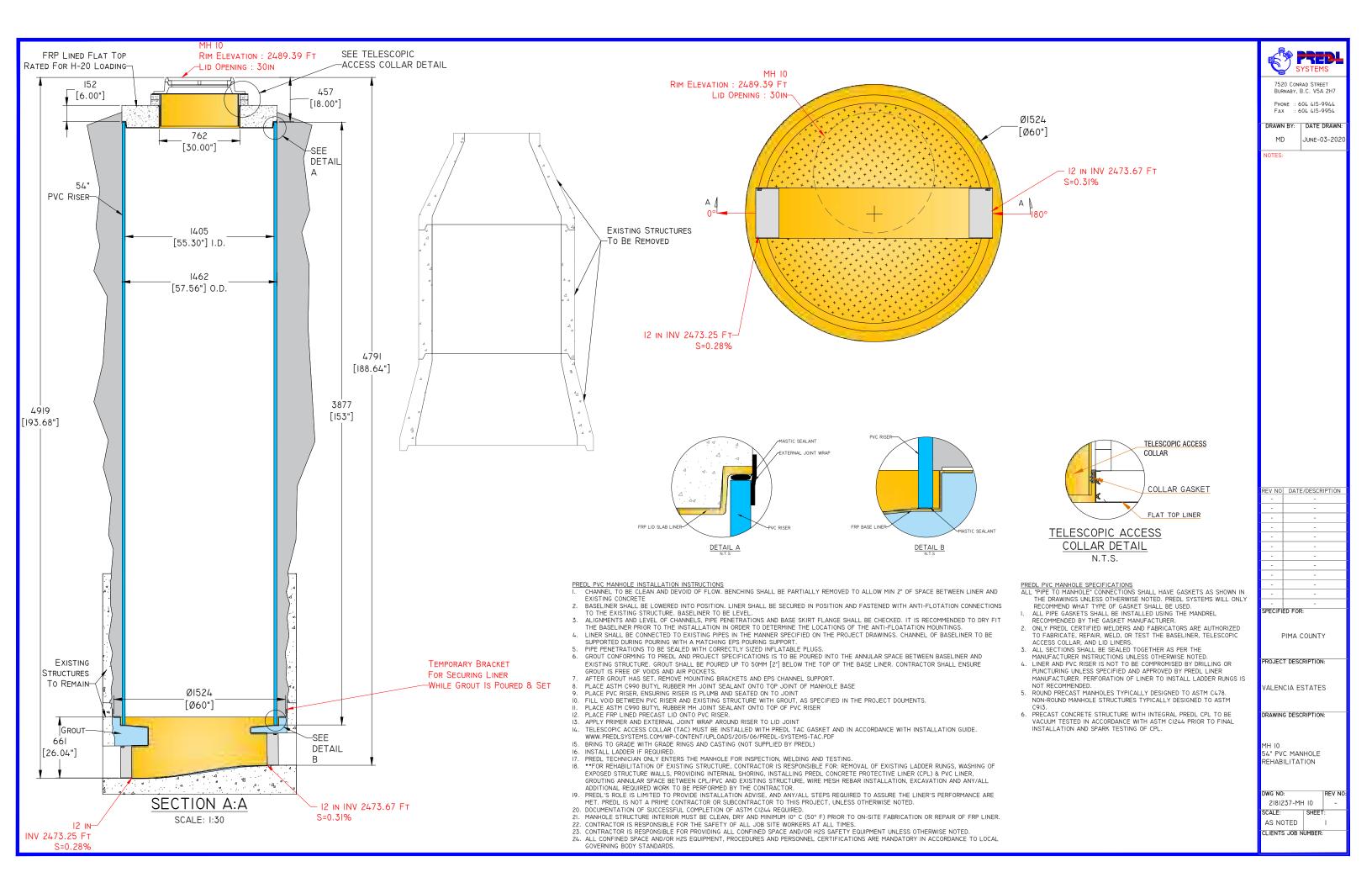
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FEATURES & BENEFITS

- ASTM C478 Lid (H20 load rated)
- AWWA C900 Riser
- ASTM C990 Joint Sealant
- Corrosion resistant base to lid and riser
- Ability to connect high laterals
- Restore structural integrity with structural riser insert
- Field adjustment of height with grade rings
- Quick install
- 55 year warranty
- Riser factory cut to length (Optional)
- Factory installed ladder (Optional)









EXCAVATE AND REMOVE EXISTING FLAT TOP OR CONE TOP





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EXCAVATE AND REMOVE EXISTING FLAT TOP OR CONE TOP

CLEAN ALL MH WALLS. SUBSTANTIALLY REMOVE INCONTINENT CONCRETE MATERIAL





PARTIALLY REMOVE BENCH AND CHANNEL MATERIAL (MIN 2"). CLEAN AND REMOVE EXCESS MATERIAL





ALL COMPONENTS LABLED





LOWER BASELINER INSERT INTO MANHOLE

SECURE LINER IN PLACE





PIPE PENETRATION TO BE SEALED WITH INFLATABLE PLUGS

POUR HIGH FLOW, NON SHRINK GROUT BEHIND LINER





AFTER GROUT HAS HARDENED, PLACE BUTYL RUBBER SEALANT AROUND JOINT





LOWER PVC RISER INTO MH

ENSURE RISER IS SEALED ON FRP BASELINER JOINT, ENSURING MASTIC SEALANT IS FULLY ENGAGED





ENSURE RISER IS PLUMB









PLACE BUTYL RUBBER SEALANT ON TOP END OF RISER





LOWER FRP LINED PRECAST LID ONTO RISER





BACKFILL





INSERT TELESCOPIC ACCESS COLLAR (TAC) GASKET





STACK GRADE RINGS





INSERT TELESCOPIC ACCESS COLLAR TUBE





PLACE BUTYL RUBBER SEALANT ON TOP FLANGE OF TAC

SET MH COVER FRAME











REFERENCE PROJECTS

PROJECT: Valencia MH Rehab - PCRWRD Project CONTRACTOR: Achen-Gardner Construction, LLC

