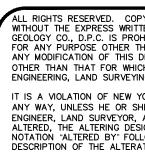


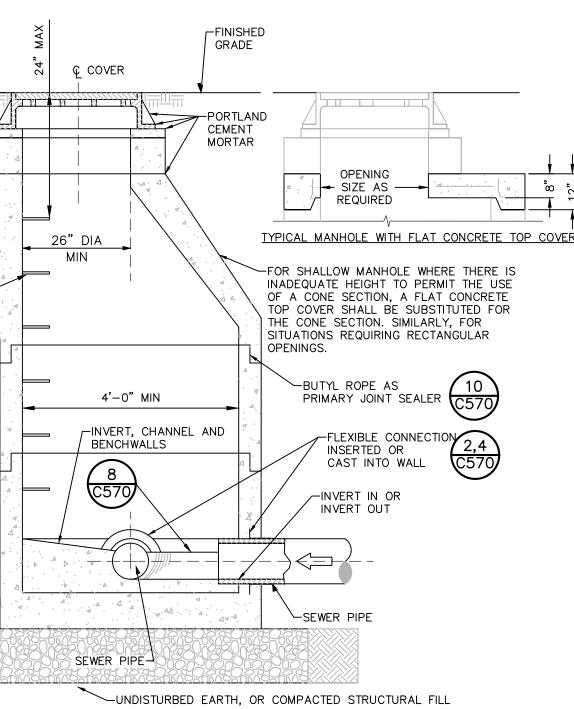
25% IMPACT. 5. ALL ASTM REFERENCES SHALL BE FOR THE LATEST ACTIVE STANDARD.

ACCEPTABLE MANHOLE STEPS										
MANUFACTURER	PATTERN NUMBER	"A" STEP WIDTH	"B" LEG LENGTH	"C" RUNG CLEAR	"D" EMBED- MENT	"E" RUNG CLEAR				
M.A. INDUSTRIES INC*	PS2-PF	14 3/4	9 1/4	13 3/4	3 3/8	5 7/8				
M.A. INDUSTRIES INC*	PS2-PFS	14 3/4	8 1/4	13 3/4	3 3/8	4 7/8				
"A"				E"	\ STEEL	RADE 60 RCEMENT				
COPOLYMER POLYPROPYLENE MH STEP SCALE: NOT TO SCALE										



ORIGINAL SCALE IN INCHES

Drawing Name: Z: \Projects\82100-82199\82133.00 Diamond Point Development - OSHO\DWG\01_C542_82133-00_SAND.dwg Xref's Attached: XTB_82133-00_H30x42 Date Printed: Jul 06, 2022, 10:58am



USE ONLY WET-CAST UNITS. DRY-CAST NOT ACCEPTABLE

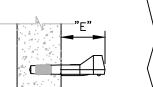
3. REINFORCEMENT FOR MANHOLE COMPONENTS SHALL BE DESIGNED BY A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER PRIOR TO CONSTRUCTION. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. STRUCTURE

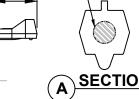
BELOW GRADE PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO WITHSTAND LOADS IMPOSED BY STRUCTURE WEIGHT, EARTH COVER, LATERAL PRESSURE FROM EARTH AND GROUND WATER, AND LIVE LOADS SUCH AS PEDESTRIAN TRAFFIC OR MACHINERY ON OR ABOVE THE STRUCTURE; AND BELOW GRADE PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ALSO WITHSTAND TRAFFIC LOADS CREATED BY AN HS20-44 TRUCK PLUS 25% IMPACT AS DEFINED IN THE LATEST EDITION OF THE AMERICAN

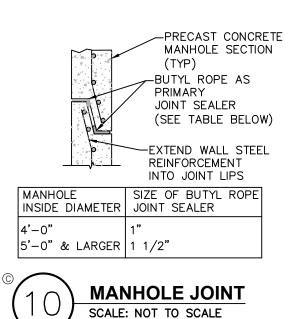
2. MATERIAL WHICH SHALL BE UTILIZED IN THE CONSTCI RUCTION OF PRECAST CONCRETE STRUCTURES: NYSDOT STD. SPEC. SECTION NO. 703–0 CONCRETE SAND NYSDOT STD. SPEC. SECTION NO. 703–02 COARSE AGGREGATE

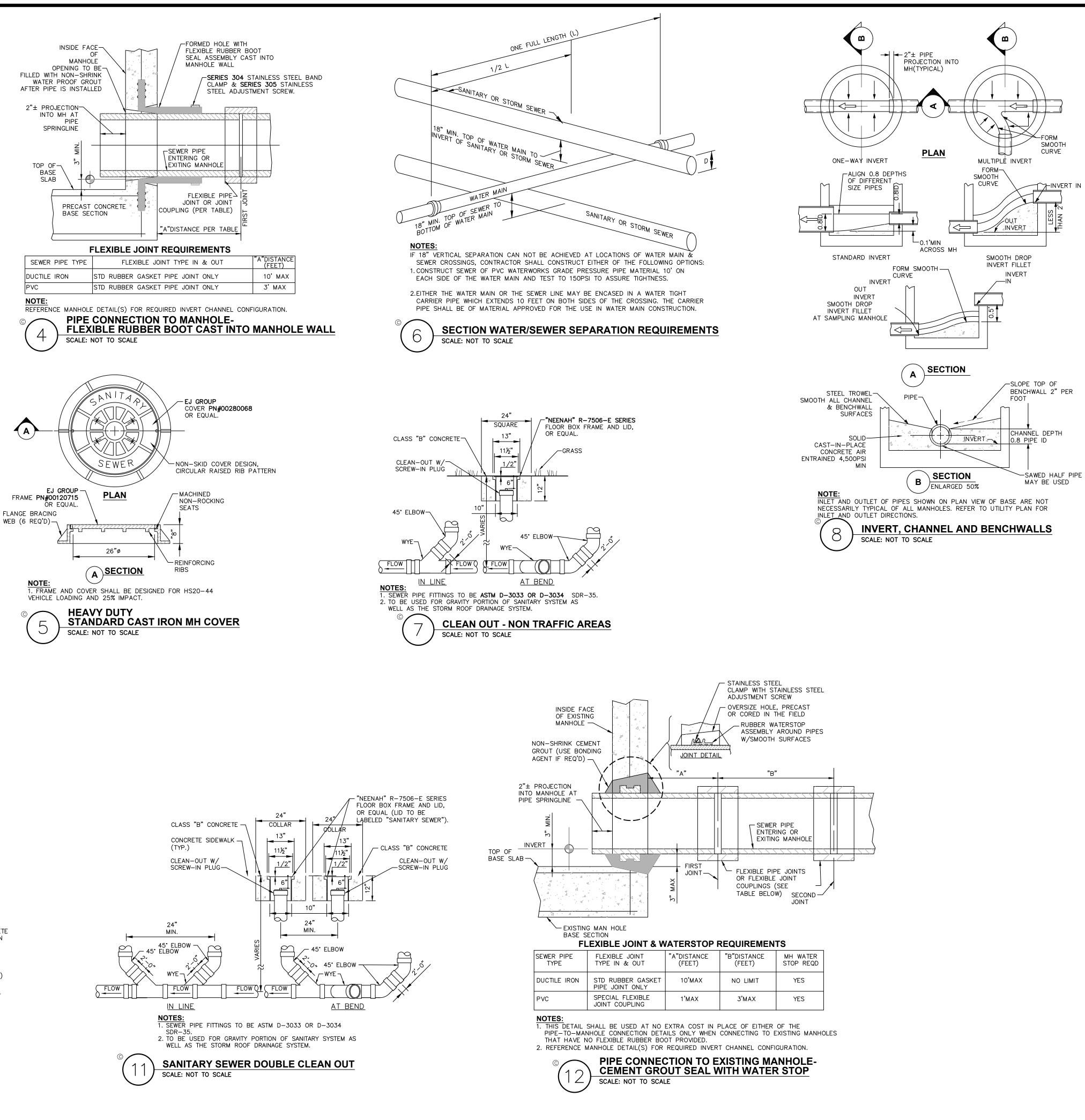
3. ALL CASTINGS (FRAMES AND COVERS, FRAMES AND GRATES, ETC.) FOR USE IN CONJUNCTION WITH MANHOLES AND OTHER BELOW GRADE STRUCTURES SHALL BE MANUFACTURED FROM GRAY IRON OR DUCTILE IRON. GRAY IRON SHALL CONFORM WITH ASTM A 48, CLASS 30B AND DUCTILE IRON SHALL CONFORM WITH ASTM A 536 AND BE OF A GRADE

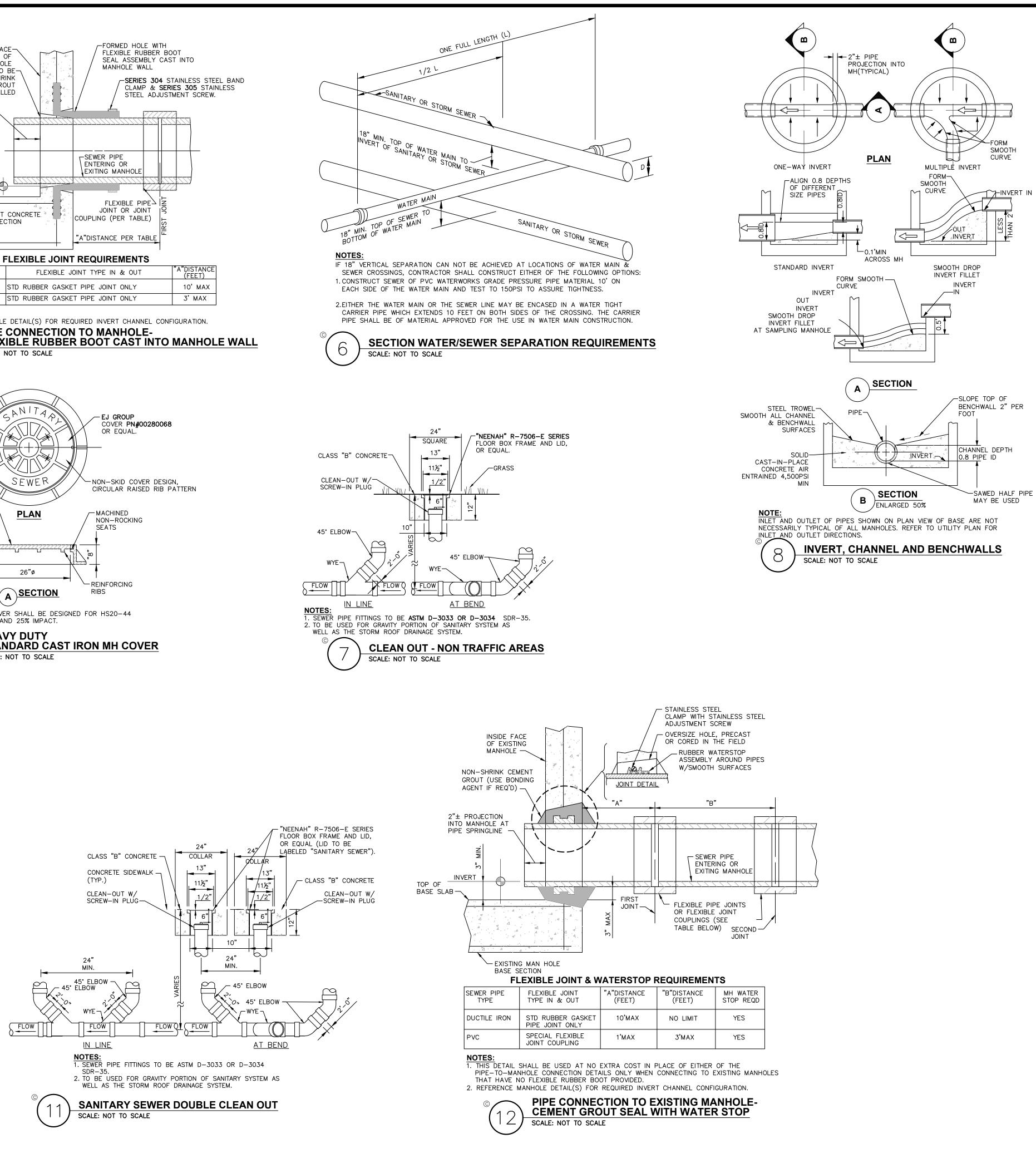
4. ALL CASTINGS (FRAMES AND COVERS, FRAMES AND GRATES, ETC.) FOR USE IN CONJUNCTION WITH MANHOLES AND OTHER BELOW GRADE STRUCTURES SHALL BE DESIGNED TO WITHSTAND AASHTO HS 20-44 HIGHWAY LOADING PLUS











ALL RIGHTS RESERVED. COPY OR REPRODUCTION OF THIS DRAWING OR DOCUMENT, OR ANY PORTION THEREOF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHAZEN ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE & GEOLOGY CO., D.P.C. IS PROHIBITED. THIS DRAWING OR DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR ANY PURPOSE OTHER THAN THE SPECIFIC PROJECT, APPLICATION AND SITUATION FOR WHICH IT WAS INTENDED. ANY MODIFICATION OF THIS DRAWING OR DOCUMENT, OR ANY USE FOR ANY PROJECT, APPLICATION OR SITUATION OTHER THAN THAT FOR WHICH IT WAS INTENDED, WILL BE AT USER'S SOLE RISK AND WITHOUT LIABILITY TO CHAZEN ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE & GEOLOGY CO., D.P.C. IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER THIS DRAWING OR DOCUMENT IN ANY WAY, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED DESIGN PROFESSIONAL (PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT, LANDSCAPE ARCHITECT OR GEOLOGIST). IF THIS DRAWING OR DOCUMENT IS ALTERED, THE ALTERING DESIGN PROFESSIONAL SHALL AFFIX TO THE DRAWING OR DOCUMENT HIS OR HER SEAL, THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CHAZEN ENGINEERING, LAN LANDSCAPE ARCHITEC



(888) 539-9073

D SURVEYI	NG,	ſ					
TURE & GE	OLOGY CO., D.P.C.						
	Office Locations	_					
	• Glens Falls, NY	_					
Office	• Troy, NY						
New York 12601	• Poughkeepsie, NY						
	• White Plains, NY						
	• New York City, NY		1	03/28/22	REVISED PER TOWN COMMENTS		
			rev.	date	description		

ISSUED FOR SITE PLAN APPROVAL 1998 SOUTH ROAD - STORAGE FACILITY designed |checked LTN CPL date scale 11/22/21 AS SHOWN **SANITARY SEWER DETAILS & NOTES** roject no. 82133.00 sheet no. C542

TOWN OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK