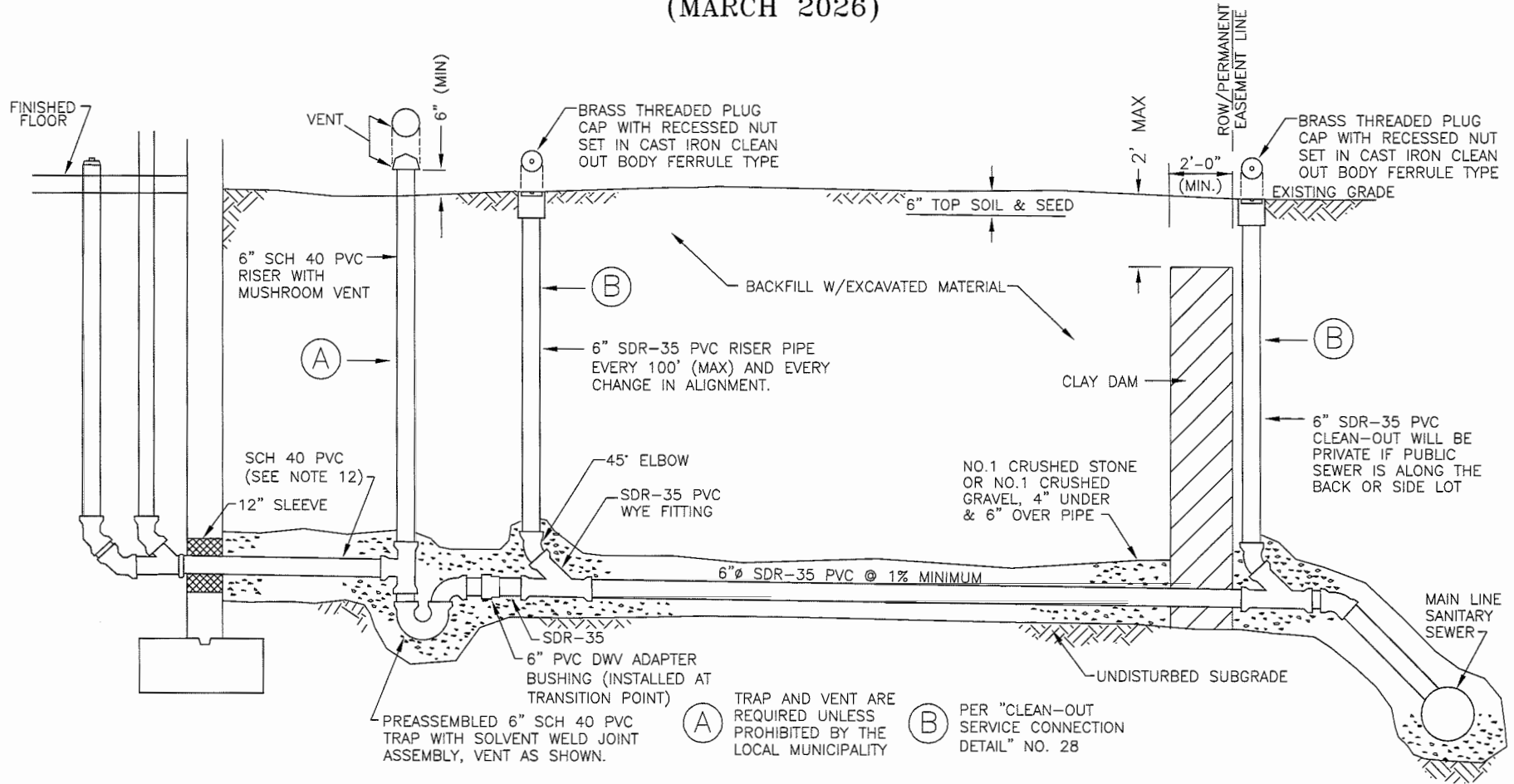


TYPICAL COMMERCIAL SERVICE WITHOUT BASEMENT DETAIL (NEW BUILDS)

(MARCH 2026)



- NOTES:**
1. NO INSPECTION WILL BE PROVIDED WITHOUT A PERMIT. INSPECTIONS REQUIRE 48 HR. ADVANCE NOTICE FOR SCHEDULING.
 2. ALL WORK MUST BE INSPECTED BY A COUNTY INSPECTOR.
 3. PVC PIPE MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST ASTM SPECIFICATION D-3033/D-3034.
 4. CLEANOUTS MUST BE INSTALLED IN LAWN AREAS. IF NOT FEASIBLE FOLLOW "CLEAN-OUT IN PAVEMENT/SIDEWALKS DETAIL" NO. 53
 5. SELECT BACKFILL REQUIRED UNDER PAVED AREAS.
 6. CONCRETE ENCASUREMENT IF COVER DEPTH IS LESS THAN 4'-0" UNDER PAVED AREAS.
 7. MIN. DEPTH OF COVER 3'-0".
 8. CLEANOUT MEASUREMENTS SHALL START FROM CENTERLINE OF MAIN SEWER FOR NEARSIDE LATERALS AND FROM THE 6" CLEANOUT FOR FAR SIDE CONNECTIONS. A CLEANOUT MAY BE REQUIRED FOR ANY ABRUPT CHANGES IN LATERAL DIRECTION FLOW.
 9. ANY EXCAVATION TO BE LEFT OPEN OVERNIGHT SHALL BE COMPLETELY ENCLOSED IN FENCING, OR WHERE NECESSARY, COVERED WITH STEEL PLATES.
 10. DOWN SPOUTS, SUMP PUMPS, AND FOOTING DRAINS ARE NOT PERMITTED TO BE CONNECTED TO THE LATERAL.
 11. NO CONNECTION SHALL BE MADE UNTIL BUILDING ROOF IS ERECTED.
 12. IF CAST IRON IS USED EXITING THE BUILDING, A MISSION COUPLING IS REQUIRED BEFORE THE TRAP.
 13. 6" CLEAN OUT IS REQUIRED NEAR THE RIGHT OF WAY OR PERMANENT EASEMENT LINE FOR BOTH NEAR SIDE AND FAR SIDE LATERALS.

(A) TRAP AND VENT ARE REQUIRED UNLESS PROHIBITED BY THE LOCAL MUNICIPALITY

(B) PER "CLEAN-OUT SERVICE CONNECTION DETAIL" NO. 28

ERIE COUNTY
DEPT. OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMENT

Rev. 11/08	ADDED SLEEVE AND PVC-SDR 35
Rev. 1/12	REVISED 6" CAST IRON TRAP NOTE
Rev. 10/21	REMOVED VENT, RISER, AND TRAP ASSEMBLY
Rev. 11/23	ADDED VENT, RISER, TRAP ASSEMBLY & (A)
Rev. 3/24	CHANGED VENT, RISER, TRAP ASSEMBLY SCH 40
Rev. 11/25	ADDED NEAR SIDE C.O. (B) ADD NOTE 14 DELETE 9
Rev. 3/26	ADDED NOTE 14 CHANGED NOTE 4

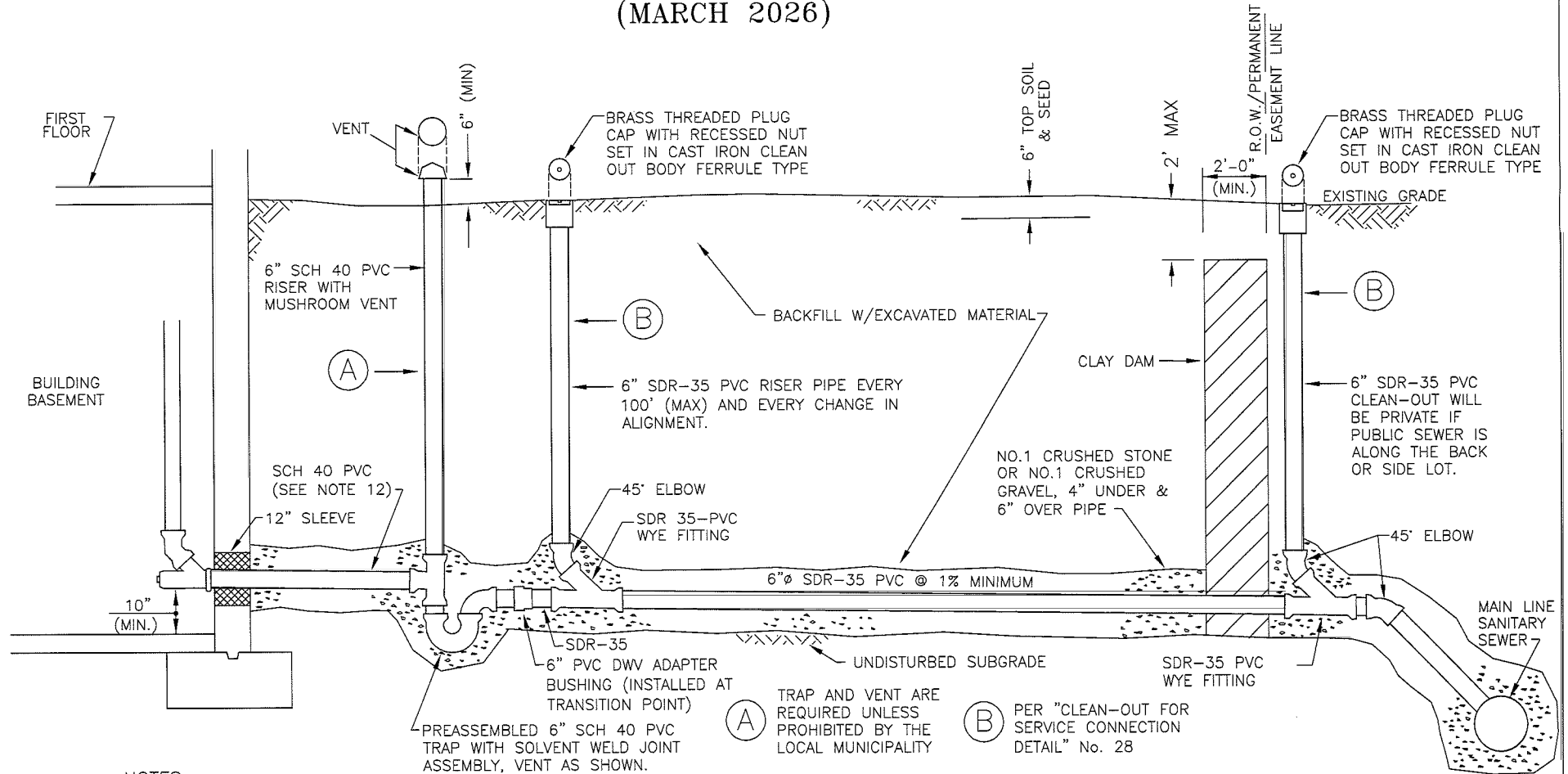
STD. DETAIL

22

File: D-22 Date: 3/1/91

TYPICAL COMMERCIAL SERVICE WITH BASEMENT DETAIL (NEW BUILDS)

(MARCH 2026)



NOTES:

1. NO INSPECTION WILL BE PROVIDED WITHOUT A PERMIT. INSPECTIONS REQUIRE 48 HR. ADVANCE NOTICE FOR SCHEDULING.
2. ALL WORK MUST BE INSPECTED BY A COUNTY INSPECTOR.
3. PVC PIPE MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST ASTM SPECIFICATION D-3033/D-3034.
4. CLEANOUTS MUST BE INSTALLED IN LAWN AREAS. IF NOT FEASIBLE FOLLOW "CLEAN-OUT IN PAVEMENT/SIDEWALKS DETAIL" NO. 53
5. SELECT BACKFILL REQUIRED UNDER PAVED AREAS.
6. CONCRETE ENCASMENT IF COVER DEPTH IS LESS THAN 4'-0" UNDER PAVED AREAS.
7. MIN. DEPTH OF COVER 3'-0".
8. CLEANOUT MEASUREMENTS SHALL START FROM CENTERLINE OF MAIN SEWER FOR NEARSIDE LATERALS AND FROM THE 6" CLEANOUT FOR FAR SIDE CONNECTIONS. A CLEANOUT MAY BE REQUIRED FOR ANY ABRUPT CHANGES IN LATERAL DIRECTION FLOW.
9. ANY EXCAVATION TO BE LEFT OPEN OVERNIGHT SHALL BE COMPLETELY ENCLOSED IN FENCING, OR WHERE NECESSARY, COVERED WITH STEEL PLATES.
10. DOWN SPOUTS, SUMP PUMPS, AND FOOTING DRAINS ARE NOT PERMITTED TO BE CONNECTED TO THE LATERAL.
11. NO CONNECTION SHALL BE MADE UNTIL BUILDING ROOF IS ERECTED.
12. IF CAST IRON IS USED EXITING THE BUILDING, A MISSION COUPLING IS REQUIRED BEFORE THE TRAP.
13. 6" CLEAN OUT IS REQUIRED NEAR THE RIGHT OF WAY OR PERMANENT EASEMENT LINE FOR BOTH NEAR SIDE AND FAR SIDE LATERALS.

(A) TRAP AND VENT ARE REQUIRED UNLESS PROHIBITED BY THE LOCAL MUNICIPALITY

(B) PER "CLEAN-OUT FOR SERVICE CONNECTION DETAIL" No. 28

ERIE COUNTY
DEPT. OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMENT

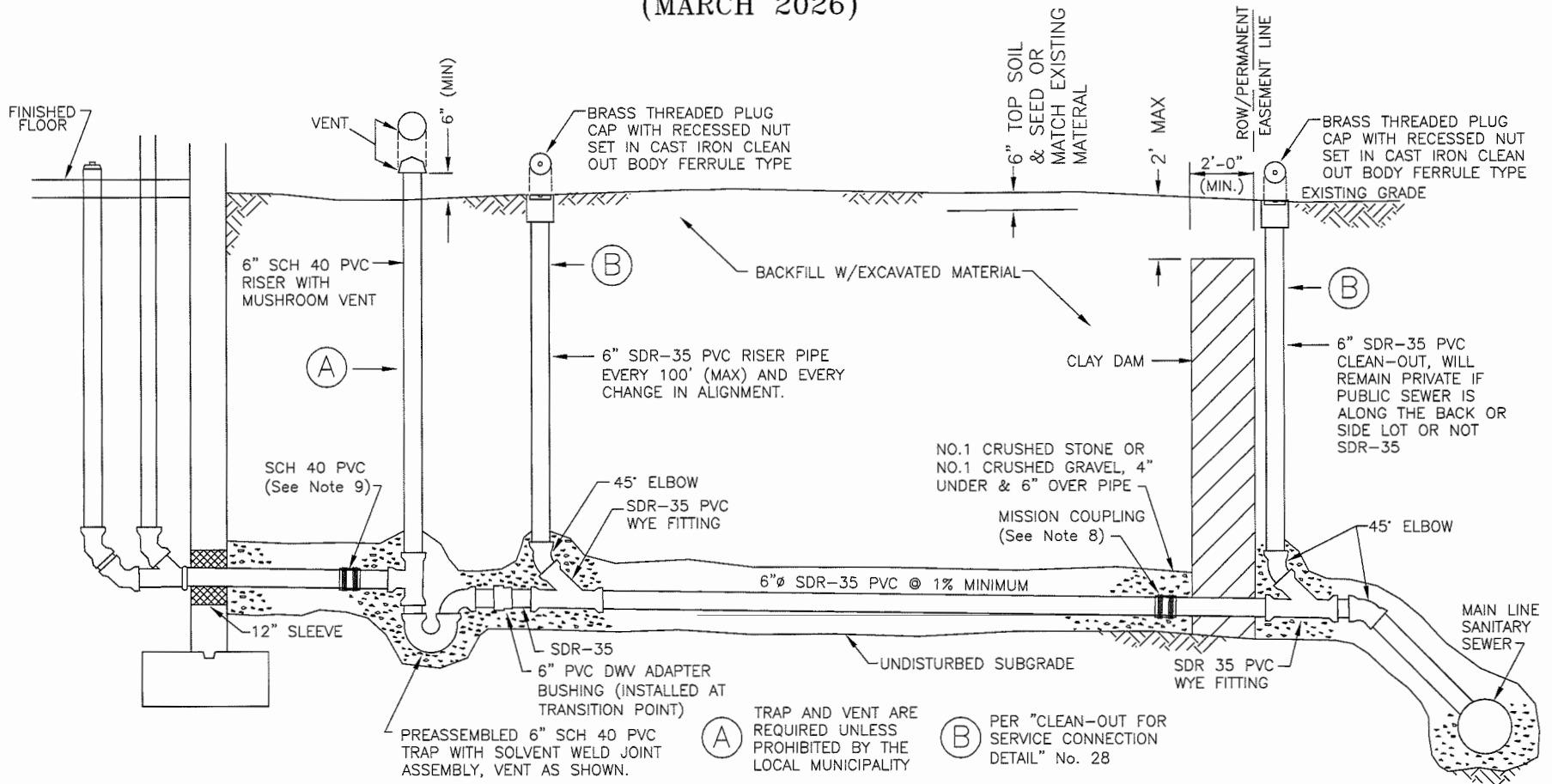
Rev. 11/08	ADDED 12" SLEEVE & SDR 35, REVISED 6" CI TRAP NOTE
Rev. 1/18	ADDED (A) NOTE TO EXISTING VENT AND TRAP
Rev. 11/23	ADDED VENT, RISER, TRAP ASSEMBLY & (A)
Rev. 3/24	CHANGED VENT, RISER, TRAP ASSEMBLY SCH 40
Rev. 3/24	ADDED NEAR SIDE CO (B) ADDED NOTE 14 DELETED 9
Rev. 3/26	REVISED NOTE 4, ADDED CLAY DAM 2' MAX

File: D-22a Date: 4/21/06

STD. DETAIL
22a

TYPICAL COMMERCIAL SERVICE REPAIR DETAIL – REPAIR

(MARCH 2026)



NOTES:

1. NO INSPECTION WILL BE PROVIDED WITHOUT A PERMIT. INSPECTIONS REQUIRE 48 HR. ADVANCE NOTICE FOR SCHEDULING.
2. ALL WORK MUST BE INSPECTED BY A COUNTY INSPECTOR.
3. PVC PIPE MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST ASTM SPECIFICATION D-3033/D-3034.
4. SELECT BACKFILL REQUIRED UNDER PAVED AREAS.
5. CLEANOUTS AND VENTS MUST BE INSTALLED IN LAWN AREAS, PREFERABLY BETWEEN THE CURB OR EDGE OF PAVEMENT AND THE SIDEWALK. IF NOT FEASIBLE FOLLOW "CLEAN-OUT IN PAVEMENT/ SIDEWALKS DETAIL" NO. 53
6. ANY EXCAVATION TO BE LEFT OPEN OVERNIGHT SHALL BE COMPLETELY ENCLOSED IN FENCING, OR WHERE NECESSARY, COVERED WITH STEEL PLATES.
7. DOWN SPOUTS, SUMP PUMPS, AND FOOTING DRAINS ARE NOT PERMITTED TO BE CONNECTED TO THE LATERAL.
8. COUPLING SHALL BE MISSION TYPE, OR APPROVED EQUAL. LOCATION DEPENDS ON REPAIR.
9. IF THE PIPE EXITING THE BUILDING IS CAST IRON, A MISSION COUPLING IS REQUIRED BEFORE THE TRAP.
10. IF A REPAIR BEGINS WITHIN THE RIGHT-OF-WAY (ROW) AND NO CLEAN OUT EXISTED, INSTALLATION OF A 6" CLEAN OUT NEAR THE ROW OR PERMANENT EASEMENT LINE IS REQUIRED.

(A) TRAP AND VENT ARE REQUIRED UNLESS PROHIBITED BY THE LOCAL MUNICIPALITY

(B) PER "CLEAN-OUT FOR SERVICE CONNECTION DETAIL" No. 28

ERIE COUNTY
DEPT. OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMENT

Rev.	1/18	ADDED "REPAIR" TO ORIGINAL DETAIL 22 TITLE, REMOVED NOTES 6,7,8,10&13 TO CREATE 22C
Rev.	10/21	ADDED (A) NOTE TO EXISTING VENT & TRAP
Rev.	3/24	CHANGED VENT, RISER, TRAP ASSEMBLY SCH 40
Rev.	3/24	ADDED NEAR SIDE 6" CO (B) & NOTE 10 DELETED 5
Rev.	3/26	Removed Sch 40 between hse vent & main, added note 11, moved mission coupling between vent&CO

File: D-22b **Date:** 1/18/18

STD. DETAIL

22b