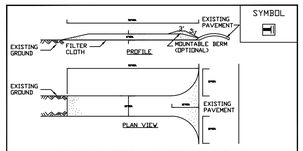
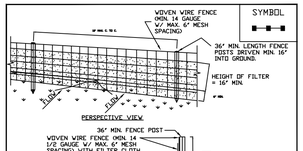


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE, IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

ADAPTED FROM DETAILS PROVIDED BY: USDA – NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED CONSTRUCTION ACCESS

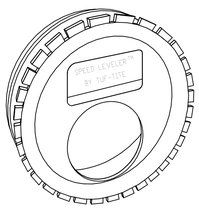


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

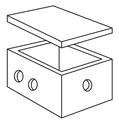
ADAPTED FROM DETAILS PROVIDED BY: USDA – NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

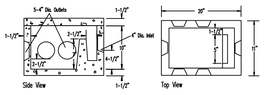
SILT FENCE



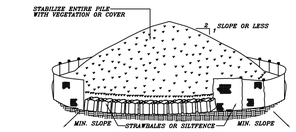
- Insert a SPEED LEVELER™ in the end of all outlet pipes in the distribution box.
- Rotate until effluent enters all outlets equally.
- Compensates for up to 1-1/4" difference in pipe end elevations.
- Fits all 4" smooth wall and corrugated pipes.

SPECIFICATIONS	SPEED LEVELER FSL-4
Construction: Plastic	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050
	Page 1H





SPECIFICATIONS	PRECAST DISTRIBUTION BOXES MODEL DB-6WB / 5 OUTLETS W/BAFFLE
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: Fiber Air Entrainment: 5% Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 110 lbs	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050
	Page 3B

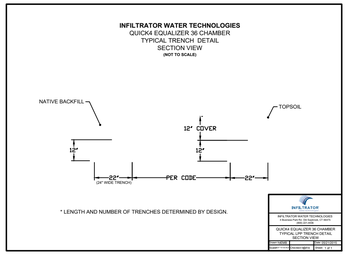


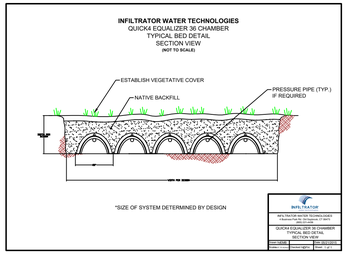
INSTALLATION NOTES

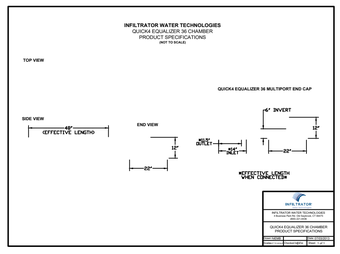
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS SHEET) FOR INSTALLATION OF SILTFENCE.

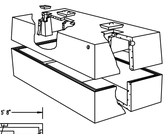
SOIL STOCKPILING DETAILS

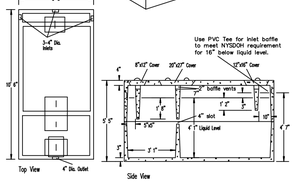
SCALE: N.T.S.



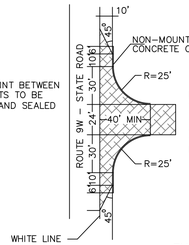








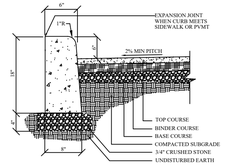
SPECIFICATIONS	PRECAST SEPTIC TANKS MODEL ST-1500 / 1500 GALLONS
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: 6"x6"x10ga. Wire Mesh, #3 Rebar Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 10,600 lbs	Woodard's Concrete Products, Inc. 629 Lybolt Road, Bullville, NY 10915 (845) 361-3471 / Fax 361-1050
	Page 4A



ENTRANCE PAVING:
1-1/2" TOP COURSE, ITEM 403.17, TYPE "6FRA"
2-1/2" BITUMINOUS CONCRETE BINDER COURSE, ITEM 403.13, TYPE "3"
3-1/2" BITUMINOUS CONCRETE BASE COURSE, ITEM 403.11, TYPE "2"
12" COMPACTED GRAVEL SUB-BASE COURSE, ITEM 304.03, TYPE "2"
PREPARED SUBGRADE, GRADED AND COMPACTED

ENTRANCE DETAIL

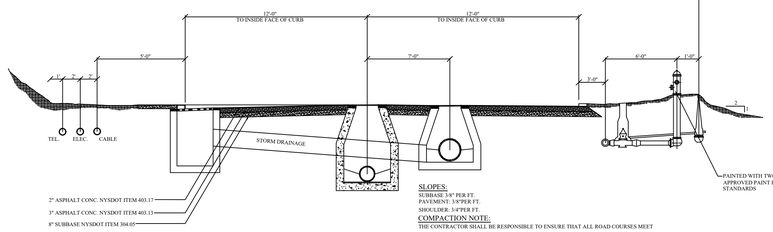
N.T.S.



NOTE:
PROVIDE 1/2" EXPANSION JOINT IN CONC CURB EVERY TEN FEET. CONSTRUCT CURB WITH CLASS A CONCRETE (3000 PSI)

CONC CURB DETAIL

N.T.S.



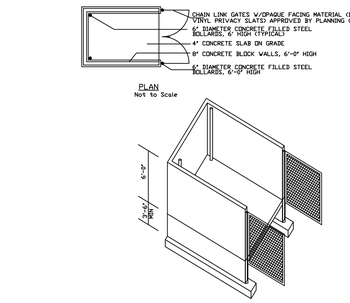
SLOPES:
SUBBASE 3/4" PER FT.
PAVEMENT: 3/8"PER FT.
SHOULDER: 3/4" PER FT.

COMPACTION NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL ROAD COURSES MEET THE FOLLOWING NYSDOT COMPACTION SPECIFICATIONS:
SUBBASE COMPACTION: ITEM 203-3.12
ASPHALT COMPACTION: ITEM 401-3.12

NOTE:
1. ROCK CUT & FILL - TREATMENT TO BE DETERMINED BY THE DESIGN ENGINEER AND OR TOWN ENGINEER.
2. ALL ROCK FILL SHALL BE TOP SOILED, SEEDED AND MULCHED.
3. CATCH BASIN TO BE IN LINE WITH TRAVELED WAY.
4. GAS LINE TO BE INSTALLED ON OPPOSITE SIDE OF TRAVELED WAY FROM WATER MAIN. 7' BEHIND CURB LINE.
5. INVERT TO BE INSTALLED IN ALL STORM MANHOLES
6. WHERE SIDEWALK INSTALLED MAILBOXES TO BE PLACED ON OPPOSITE SIDE OF ROAD.
7. SEE UNDERDRAIN DETAIL FOR UNDERDRAIN LOCATION

SECTION - 24' DRIVEWAY

N.T.S.



PLAN
Not to Scale

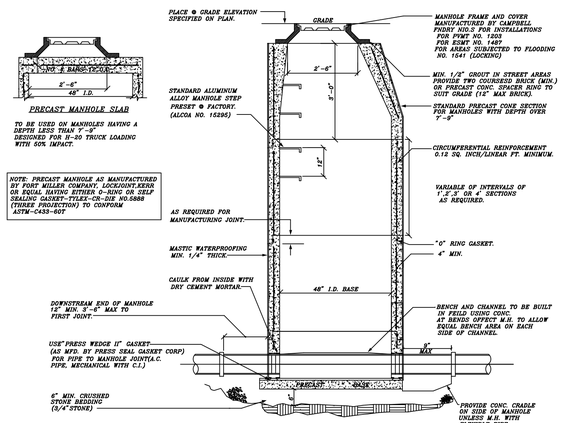
ISOMETRIC
Not to Scale

TYPICAL ARB APPROVED TRASH ENCLOSURE

NOTES:
1. THE EXTERIOR FACE/SIDES OF THE ENCLOSURE SHALL BE FINISHED WITH MATERIAL SIMILAR TO THAT USED ON THE MAIN BUILDING.
2. THE BUILDING INSPECTOR SHALL APPROVED THE CONSTRUCTION METHODS AND CODE COMPLIANCE OF ALL STRUCTURES ERECTED IN THE TOWN OF POUGHKEEPSIE.
3. A MECHANISM FOR LOCKING THE GATES IN THE OPEN POSITION AND CLOSED POSITION SHALL BE PROVIDED.

TRASH ENCLOSURE DETAIL

SCALE: N.T.S.



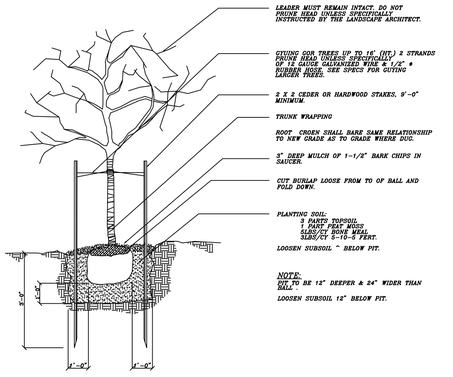
PRECAST MANHOLE SLAB

TO BE USED ON MANHOLES HAVING A DEPTH LESS THAN 7'-0" DESIGNED FOR H-20 TRUCK LOADING WITH 50% IMPACT.

NOTE: PRECAST MANHOLE AS MANUFACTURED BY FORT MILLER COMPANY, LOCKJOINT,KEEN OR EQUAL HAVING EITHER O-RING OR SELF SEALING GASKET-TYLER-OS-DIR NO.5868 (THREE PROJECTION) TO CONFORM ASTM-C433-80T

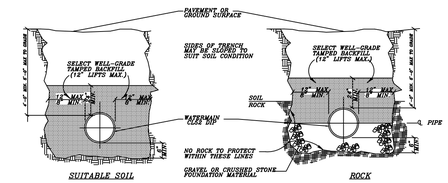
PRECAST SANITARY SEWER MANHOLE DETAIL

SCALE: N.T.S.



TYPICAL TREE PLANTING DETAIL

SCALE: N.T.S.

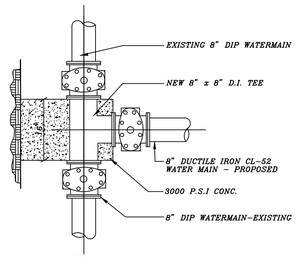


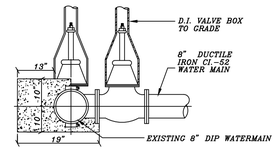
NOTE
IN MATERIALS TO BE CONSIDERED AS UNSUITABLE (I.E. MUCK) MATERIAL IS TO BE REPLACED BELOW THE PIPE INVERT AND REPLACED WITH GRAVEL BEDDING.

A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THE TRENCH FOR ALL BURIED PIPE. BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE. STONES FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF THE PIPE.

WATERMAIN BEDDING DETAIL

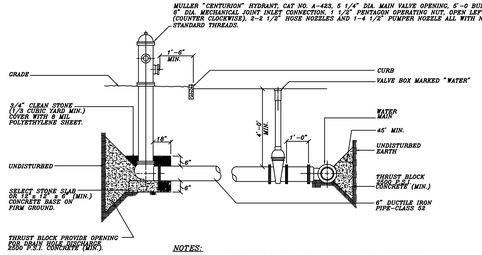
SCALE: N.T.S.





WATERMAIN TEE & GATE VALVE CONNECTION

SCALE: N.T.S.



NOTES:
1. RETAINER GLANDS AND CONCRETE THRUST BLOCKS OR TIE RODS AND CORROSION RESISTANT WRAPPING SHALL BE USED AT ALL LOCATIONS WHERE IT IS NECESSARY TO RESTRAIN PIPE.
2. IF STRUCTURE IS PROPOSED WITHIN 5 FEET OF GRADE, HYDRANT DRAIN HOLES SHALL BE PLUGGED WITH "HY-TEAM" AIR-RELEASE PLUG. THE BARRELS MUST BE PUMPED DRY AFTER USE DURING FREEZING WEATHER. WHERE "HYDRANT DRAINS SHALL NOT BE PLUGGED" A GRAVEL-FILLED DRYWELL SHALL BE PROVIDED. THE DRYWELL SHALL BE LOCATED WELL FROM BUILDINGS AND SHALL NOT BE CONNECTED TO OR LOCATED WITHIN 10 FEET OF SANITARY SEWERS OR STORM DRAINS; NOR LOCATED WITHIN 10 FEET OF SEWERS. HYDRANT DRAIN HOLES SHALL NOT BE PLUGGED.
3. HYDRANT SHALL BE PAINTED WITH TWO COATS OF ELECTRO FARROTHANE, PLASTIC FINISH, NO. 44 RED PAINT.
4. ALL GATE VALVES SHALL BE MUELLER AWWA STANDARD.

HYDRANT BEDDING DETAIL

SCALE: N.T.S.

General Notes

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209(2) OF NYS EDUCATION LAW.

NOTES:

No.	Revision/Issue	Date
5	FIRE DEPARTMENT COMMENTS	8/28/24
4	TOWN ENGINEER'S COMMENTS	8/3/24
3	REVISED PLANS FROM CONV STORAGE TO FLEX STORAGE	5/18/24
2	REMOVED GAS MAIN FROM PLAN PER CHG&e REQUEST	3/21/24
1	ADDITION OF UTILITIES AND UTILITY NOTES	3/4/24

JEFFREY A. ECONOM, P.E.
CONSULTING ENGINEER
48 LOGANBERRY COURT
HOPEWELL JUNCTION, N.Y. 12533
PHONE: (845) 554-8442
EMAIL: jaeconom@optonline.net

PROPOSED DETAILS FOR
OFFICE/WAREHOUSE FACILTY
for
THE TERRA GROUP, LLC
2021-2025 ROUTE 9W
MARLBOROUGH, NY 12542

Project: c:\jobs\23-10\ROUTE 9W SELF STORAGE DETAILS PLAN.DWG
Date: 07-24-23
Scale: AS NOTED
Sheet: C-7