

STORM SEWER PLAN

AND PROFILE LEGEND

OSTERN CISTERN

P DRINKING FOUNTAIN FIRE DEPT HOOKUP ∀ FIRE HYDRANT

id POST INDICATOR VALVE © CHILLED WATER MANHOLE WATER MANHOLE

■ SPRINKLER CONTROL BOX ► SPRINKLER CONTROL VALVE

SPRINKLER ್ಗಿ SPIGOT ₩ WELL HEAD W WATER METER

₩ WATER VALVE GAS METER GAS VALVE

E ELECTRIC MANHOLE ELECTRIC OUTLET © ELECTRIC METER © ELECTRICAL RISER ☑ TRANSFORMER

✓ GUY ANCHOR **ELECTRIC JUNCTION BOX** GENERATOR UTILITY POLE

₩ UTILITY POLE W/ TRANSFORMER MW MONITORING WELL CAS LIQUID PROPANE GAS TANK ORNAMENTAL LIGHT

X STREET LIGHT PARKING LOT LIGHT (1 HEAD) PARKING LOT LIGHT (2 HEAD) □ PARKING LOT LIGHT (3 HEAD)

□ PARKING LOT LIGHT (4 HEAD) COMMUNICATIONS JUNCTION BOX COMMUNICATIONS MANHOLE © COMMUNICATIONS PEDESTAL

© COMMUNICATIONS RISER TRAFFIC SIGNAL POLE TRAFFIC SIGNAL ■_{ST} STORM CLEANOUT

BEEHIVE INLET CURB INLET FLOOR DRAIN ■ SQUARE INLET

 STORM MANHOLE ROUND INLET **®** DOWN SPOUT SANITARY SEWER CLEANOUT

F LIFT STATION SANITARY SEWER MANHOLE SS STUB SANITARY STUB MARKER SEPTIC TANK DISTRIBUTION BOX

> FLAG POLE -o- SIGN

O GATE POST O_{BOL} BOLLARD PARKING METER PARKING WHEEL STOP

ACCESSIBLE SPACE ← EMERGENCY FLOOD ROUTE FLOW DIRECTION AND SLOPE

STORM SEWER NOTES

THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND STORMWATER POLLUTION PREVENTION PLAN.

THE CONTRACTOR SHALL CONTACT APPLICABLE STATE UNDERGROUND LOCATION SERVICE AT LEAST 72 HOURS PRIOR TO ANY WORK AND SHALL CONTACT THE OWNER AND/OR ENGINEER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES

WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES, PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.

4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. WITHIN THE CONSTRUCTION LIMITS. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES.

PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.

6. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH

7. ANY PART OF STORM SEWER TRENCHES RUNNING UNDER OR WITHIN 5' OF

8. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES. STRUCTURES. PIPES. PAVEMENTS. ETC. AS RELATED TO THEIR WORK. NOTIFY ENGINEER OF ANY CONFLICT AND/OR DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS.

9. MAINTAIN 10' HORIZONTAL AND 18" VERTICAL CLEARANCE BETWEEN STORM / SANITARY SEWER SYSTEMS AND DOMESTIC/FIRE LINE SERVICE. SANITARY SEWER LINE IN PROXIMITY OF WATER LINE SHALL BE C900 WATER MAIN GRADE

10. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWERS, WATER MAINS AND STORM SEWERS IS 18" OR LESS.

11. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.

. WHEN PERFORMING EXCAVATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

13. COMPACTED "B" BORROW BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED

AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. 15. COORDINATE LOCATIONS AND CONNECTIONS OF BUILDING STORM LINES WITH

14. ALL UTILITY STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT

PLUMBING DRAWINGS.

16. FOLLOW ALL LOCAL AND STATE CODES IN REFERENCE TO STORM SEWER 17. ALL EXISTING MANHOLE AND CATCH BASIN GRATES SHALL BE ADJUSTED TO

NEW FINISH GRADE ELEVATIONS. 18. EXISTING PIPES WITHIN CONSTRUCTION LIMITS ARE TO BE CLEANED OUT TO

REMOVE ALL SILT AND DEBRIS. 19. ALL STORM SEWER STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH

PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. 20. ALL STORM SEWER STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR CHANNEL FROM INVERT IN TO INVERT OUT.

21. NEW PIPES AND STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS PRIOR TO FINAL TURNOVER TO

22. ALL FITTINGS AND ACCESSORIES INCLUDING BUT NOT LIMITED TO END CAPS, CLEANOUTS, REDUCERS, ETC., SHALL BE OF PPE MATERIAL COMPARABLE WITH

23. PROVIDE BACKFILL WITH A MINIMUM OF 4" BEDDING MATERIAL OF #8 AGGREGATE COMPACTED IN 8" LIFTS TO 95% MAXIMUM DRY DENSITY.

24. VERIFY EXISTING STORM INVERT ELEVATIONS PRIOR TO STARTING NEW STORM SEWER CONNECTION.

12/31/2024

317 800 317

ABBREVIATIONS EASEMENT D.&U.E. DRAINAGE AND UTILITY EASEMENT FINISH FLOOR ELEVATION CORRUGATED METAL PIPE RIGHT OF WAY LINE REINFORCED CONCRETE PIPE POLYVINYL CHLORIDE PIPE VITRIFIED CLAY PIPE

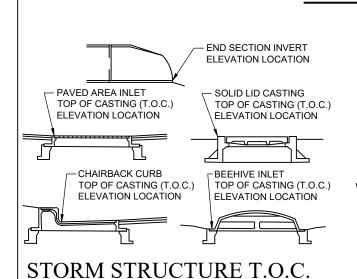
HIGH DENSITY POLYETHYLENE PIPI DUCTILE IRON PIPE SUB SURFACE DRAIN PIPE STM SANITARY STR STRUCTURE CLEANOUT

| LEGEND | | | | |
|--------|----------------------------------|--|--|--|
| | EXISTING GRADE FINISHED GRADE | | | |
| | GRANULAR BACKFILL | | | |

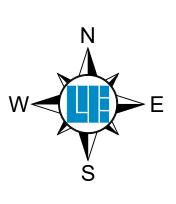
HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2'

| _ | × | | | | |
|----------------|----------------|------------------------|-------------------|------|---------------------------|
| _ PF | | | | | GUARD RAIL |
| ~ - | | | | | BOUNDARY LINE |
| _ | → ··· - | $\rightarrow \cdots -$ | \longrightarrow | | - FLOW LINE |
| _ | | 500 | | | INDEX CONTOUR |
| _ | | | | | INTERMEDIATE CONTOUR |
| _ | G | —— | | —G—— | UNDERGROUND GAS |
| _ | | | W | | UNDERGROUND WATER |
| _ | E(A) | | ——E(A)—— | | AERIAL ELECTRIC |
| _ | ——Е——— | ——Е— | | —Е | UNDERGROUND ELECTRIC |
| _ | C | —С— | | c | UNDERGROUND COMMUNICATION |
| _ | C(A) | | C(A) | | AERIAL COMMUNICATIONS |
| _ | FO- | | FO | | UNDERGROUND FIBER OPTIC |
| _ | FO(A) | | FO(A) | | AERIAL FIBER OPTIC CABLE |
| _ | OHU | | ——ОНИ— | | OVERHEAD UTILITY |
| _ | FM- | | FM | | FORCE MAIN |
| _ | SAN- | | ——SAN— | | SANITARY SEWER LATERAL |
| = | | | | | SANITARY SEWER MAIN |

---- SUB SURFACE DRAIN



ELEVATION LOCATION





EDONIA

W23.0784