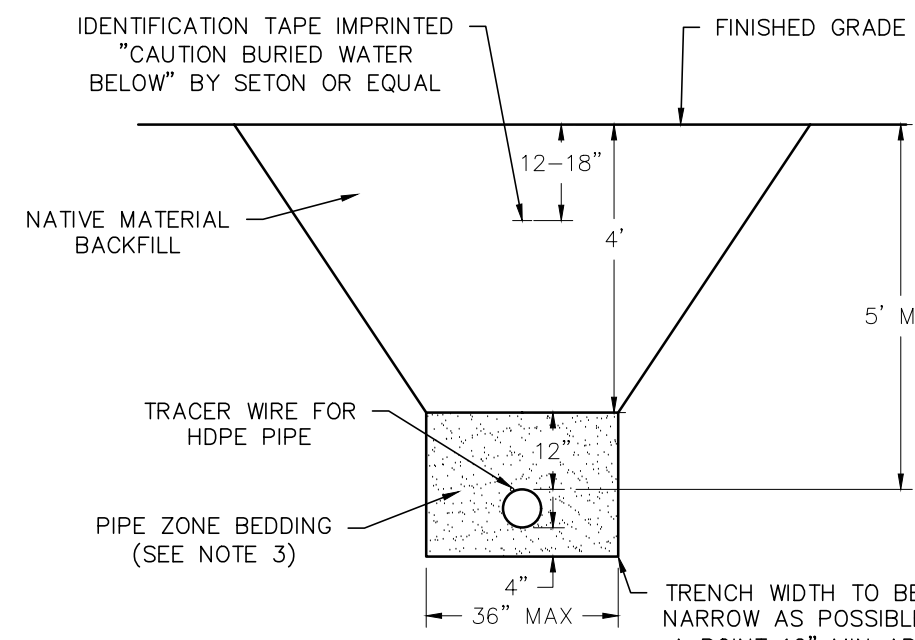


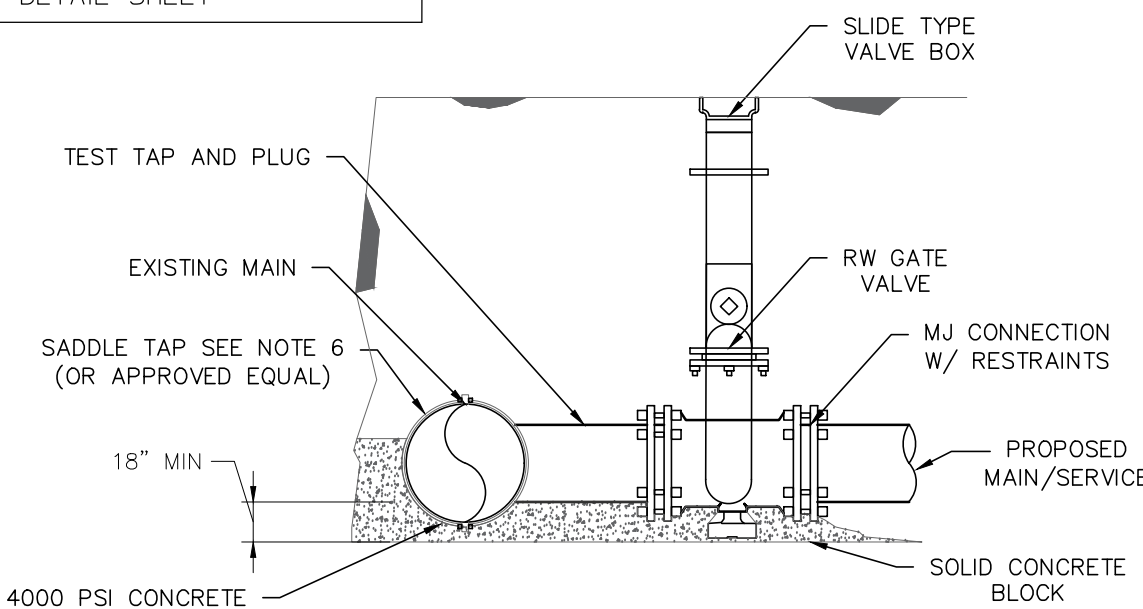
CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTION
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY



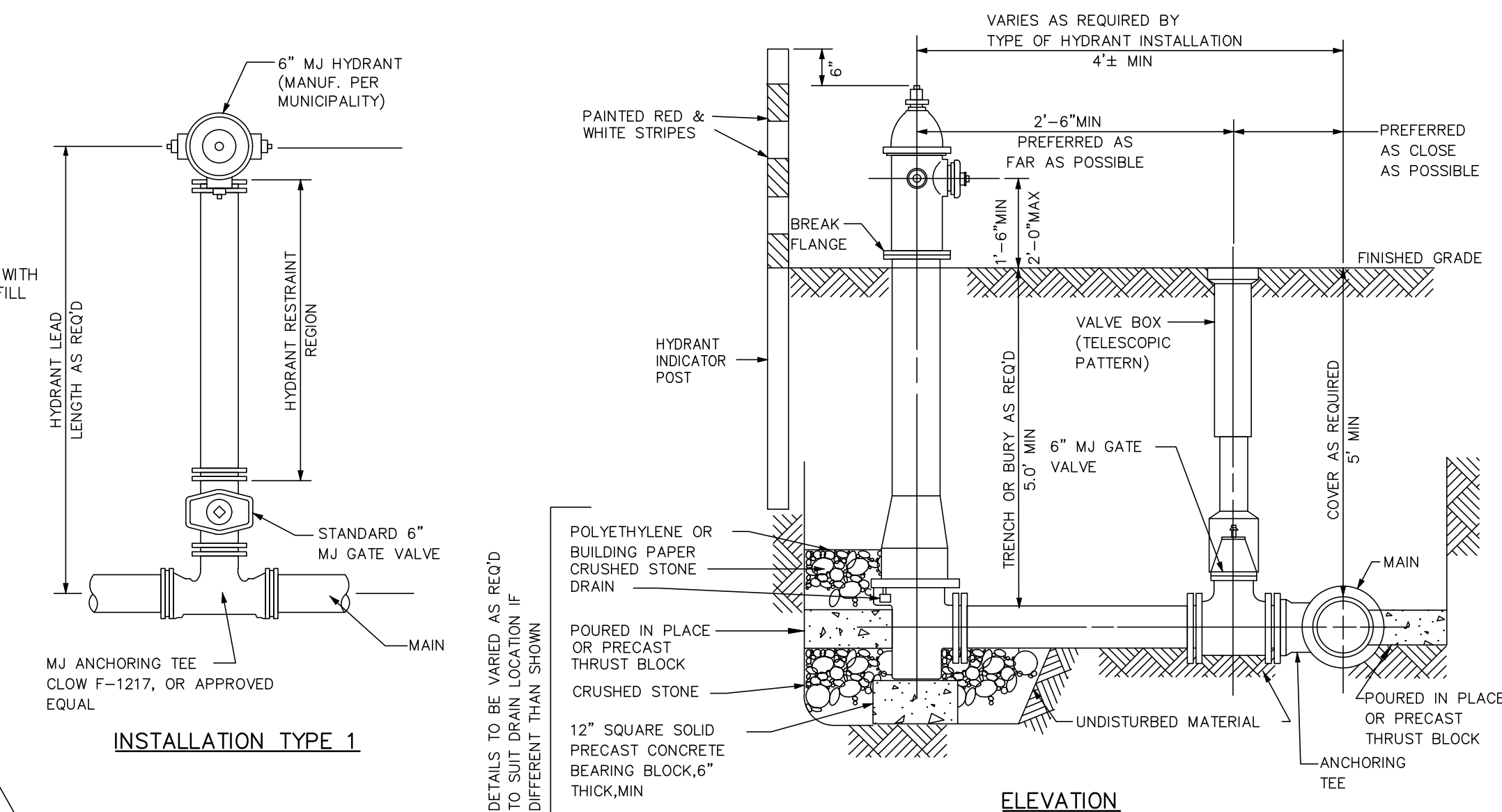
- NOTES**
1. WATER SERVICE LATERAL SHALL BE TYPE "K" COPPER WITHIN R.O.W. AND INSTALLED IN ACCORDANCE WITH MUNICIPAL SPECIFICATIONS.
 2. INDIVIDUAL WATER SERVICE SIZE SHALL BE AS PER PLAN BASED ON DISTANCE TO STRUCTURE.
 3. SEWER LATERAL SHALL BE 1½" DR-11 HDPE.
 4. SAND SHALL BE FROM AN APPROVED SOURCE COMPACTED IN 6" LIFTS TO MINIMUM 12" ABOVE TOP OF PIPE.

WATER & SEWER SERVICE TRENCH DETAIL
NOT TO SCALE



- NOTES:**
1. TEMPORARILY SUPPORT TAPPING SADDLE AND VALVE AND APPLY STANDARD HYDROSTATIC TEST.
 2. IF NO LEAKS, FOUR INDICATED PERMANENT CONCRETE BLOCK AND SUPPORT PAD.
 3. MAKE TAP, LINE EXTENSION AND BACKFILL.
 4. COVER UP GLANDS AND BOLTS WITH HEAVY POLYETHYLENE SHEETING TO KEEP CONCRETE FROM BONDING, TYPICAL WHENEVER BOLTS OR GLANDS MAY BE "WRAPPED-UP" IN CONCRETE.
 5. APPLY TAPPING SLEEVE AND BOLTS WITH AN APPROVED BITUMASTIC COATING BEFORE POURING CONCRETE, TYPICAL FOR ALL STEEL INCLUDING, RODS, COUPLINGS, STRAPS, AND OTHER BURIED STEEL.
- FOR MORE SLIDING DETAILS OF THE FOLLOWING MODELS: TPS SERIES "13" OR SMITH BLAIR MODEL 665.

TAPPING SLEEVE AND VALVE DETAIL
NOT TO SCALE



INSTALLATION TYPE 1

TYPICAL HYDRANT INSTALLATION
NOT TO SCALE

WATER NOTES:

1. REFERENCE SHALL BE MADE TO THE TOWN OF GULDERLAND TYPICAL WATER SERVICE INSTALLATION SPECIFICATIONS & REGULATIONS. THE TOWN SPECIFICATIONS SHALL HOLD OVER THE STANDARD WATER SERVICE PLANS.
2. ALL WATER MAIN SHALL BE C900 PVC PIPE WITH A PRESSURE RATING OF 250 PSI
3. ALL WATERMAIN SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD WATER SERVICE PLANS. A LEAKAGE TEST SHALL BE PERFORMED AT 1.5 TIMES THE OPERATING PRESSURE OF THE MAIN.
4. ALL WATER MAIN SHALL BE FLUSHED AND DISINFECTED PRIOR TO BACTERIOLOGICAL TESTING IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD WATER SERVICE PLANS. MEASURED DURING BACTERIOLOGICAL TESTING AND REFLECT NORMAL OPERATING LEVELS. WATER MAIN SHALL NOT BE PUT "ON-LINE" UNTIL TWO CONSECUTIVE DAYS OF ACCEPTABLE RESULTS HAVE BEEN DOCUMENTED WITH NSDHO.
5. ALL NEW WATER MAINS SHALL BE PARALLEL SHALL HAVE A MINIMUM OF 10 FOOT HORIZONTAL SEPARATION. CROSSINGS SHALL BE MADE AT A 90 DEGREE ANGLE AND 18" OF VERTICAL SEPARATION SHALL BE PROVIDED.
6. ALL WATER SERVICE SHALL BE INSTALLED AND METERED AS REQUIRED BY THE MUNICIPALITY.
7. ALL MANUFACTURERS DATA FOR VALVES, FITTINGS, HYDRANTS AND APPURTENANCES SHALL BE PROVIDED TO THE MUNICIPALITY.
8. INSPECTION: FULL TIME CONSTRUCTION INSPECTION IS REQUIRED DURING ANY WATER AND/OR SEWER INSTALLATION WHICH WILL ULTIMATELY BE DEDICATED TO THE MUNICIPALITY.
9. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN SPECIFICATIONS. TEST RESULTS MUST BE SUBMITTED TO ENGINEER AND MUNICIPALITY PRIOR TO DEDICATION.

SEWER NOTES:

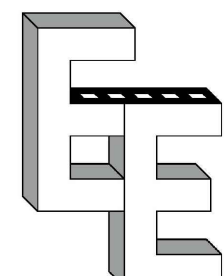
1. REFERENCE SHALL BE MADE TO THE TOWN OF GUILDERLAND TYPICAL SANITARY SERVICE INSTALLATION SPECIFICATIONS & REGULATIONS. THE TOWN SPECIFICATIONS SHALL HOLD PRECEDENCE OVER THE SEWER PLANS AND SPECIFICATIONS.
2. AN E-ONE GRINDER PUMP MODEL DH071 SHALL BE INSTALLED A MIN OF 10 FT AWAY FROM THE STRUCTURE.
3. GRINDER PUMP DISCHARGE PIPE SHALL BE A 1/2" DR-11 HDPE.
4. CONNECTION SHALL BE MADE TO THE EXISTING 2" SEWER FORCE MAIN THROUGH A SADDLE TAP STRUCTURE.
5. BUILDING DRAIN PIPE SHALL BE A MINIMUM OF 10 LF OF 6" PVC SCH40 AT 2% MINIMUM SLOPE. SANITARY SEWER INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, ALL MUNICIPAL ORDINANCES, AND ALL APPLICABLE MANUFACTURER SPECIFICATIONS OR RECOMMENDATIONS.
6. PRIOR TO THE INSTALLATION OF ANY SEWER LATERAL SERVICES THE PROPERTY OWNER AND/OR CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE MUNICIPAL SEWER DEPARTMENT.

[illegible]

PRIOR TO ANY EARTH
DISTURBANCE THE CONTRACTOR
SHALL CALL IN A TICKET TO
DIG SAFE NY AND OBTAIN A
CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840



EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
LANDS OF AMEDORE
MINOR SUBDIVISION
2813-2819 W OLD STATE ROAD
GUILDERLAND, NY

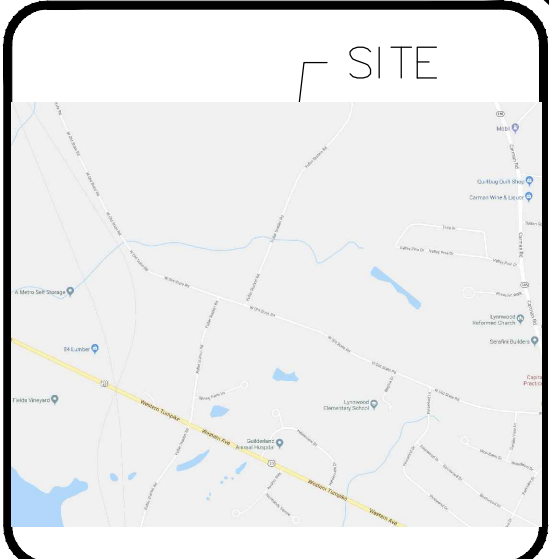
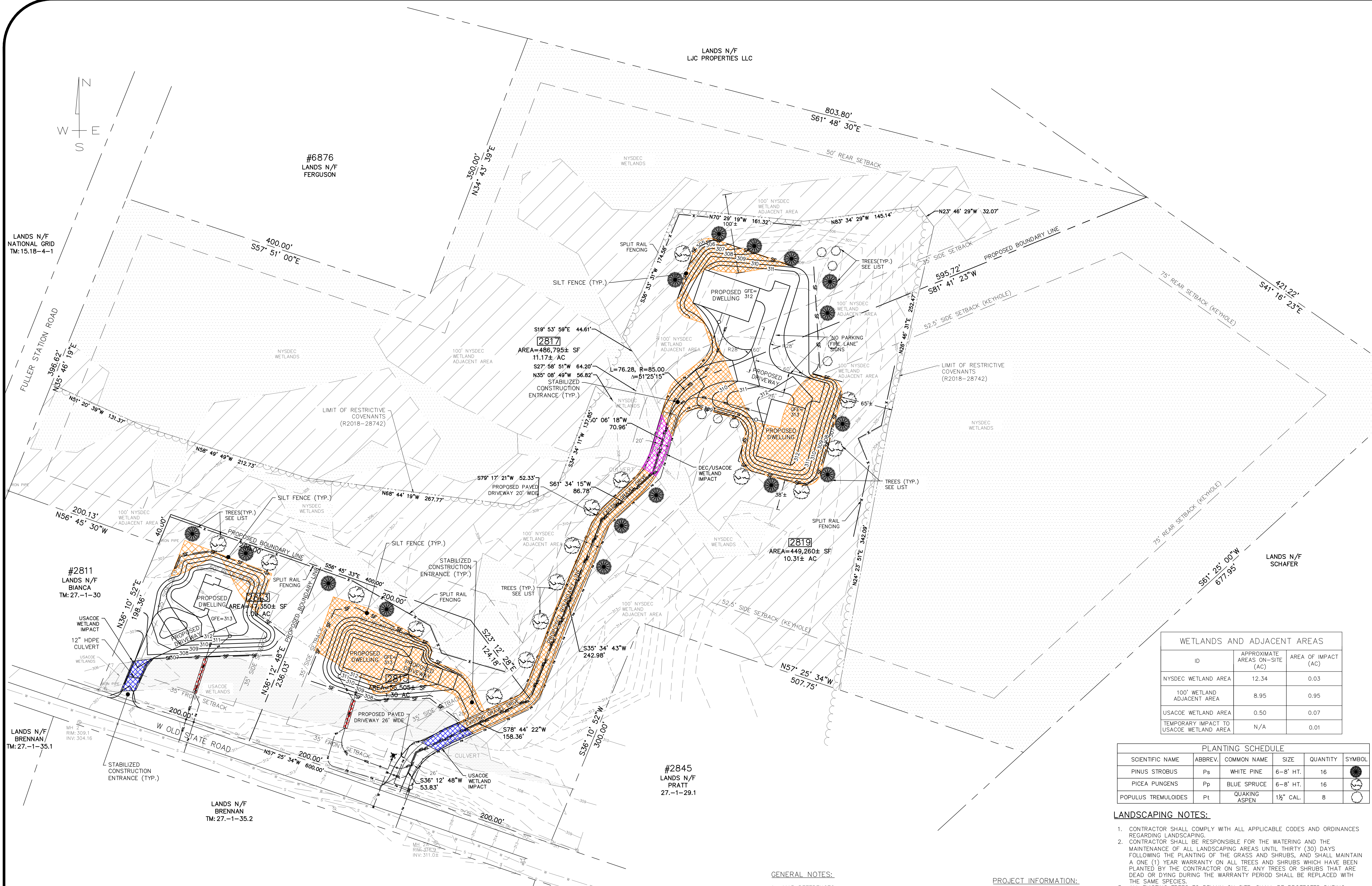
Title UTILITY PLAN

Date 08 / 17 / 2000

Scale

Sheet
C10.3

SHEET 3 OF 4



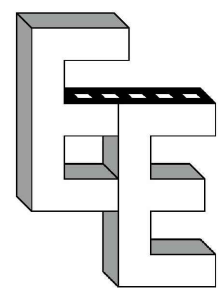
SITE LOCATION MAP
SCALE: N.T.S.

No.	Revision Description	Date
1	COMMENTS FROM SITE WALK	09/27/16
2	REVISIONS PER NYSDEC & TOWN REVIEW	12/10/19
3	REVISIONS PER TOWN COMMENTS	8/17/20
4	REVISIONS PER TDE COMMENTS	12/19/20

PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

CHRISTOPHER D. LONGO, PE
N.Y.S. LIC. # 095840



EMPIRE ENGINEERING, PLLC
1900 DUANESBURG ROAD
DUANESBURG, NY 12056
PH: (518) 858-4117
EMAIL: CLONGO@EMPIREENG.NET

PROJECT
LANDS OF AMEDORE
MINOR SUBDIVISION
2813-2819 W OLD STATE ROAD
GUILDERLAND, NY

Title	
WETLAND IMPACT & LANDSCAPING PLAN	
Date	Sheet
08/19/2019	C401
Scale	SHEET 4 OF 4
1"=60'	

WETLANDS AND ADJACENT AREAS		
ID	APPROXIMATE AREAS ON-SITE (AC)	AREA OF IMPACT (AC)
NYSDEC WETLAND AREA	12.34	0.03
100' WETLAND ADJACENT AREA	8.95	0.95
USACOE WETLAND AREA	0.50	0.07
TEMPORARY IMPACT TO USACOE WETLAND AREA	N/A	0.01

PLANTING SCHEDULE					
SCIENTIFIC NAME	ABBREV.	COMMON NAME	SIZE	QUANTITY	SYMBOL
PINUS STROBUS	Ps	WHITE PINE	6-8" HT.	16	
PICEA PUNGENS	Pp	BLUE SPRUCE	6-8" HT.	16	
POPULUS TREMULOIDES	Pt	QUAKING ASPEN	1 1/2" CAL.	8	

LANDSCAPING NOTES:

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE WATERING AND THE MAINTENANCE OF ALL LANDSCAPING AREAS UNTIL THIRTY (30) DAYS FOLLOWING THE PLANTING OF THE GRASS AND SHRUBS, AND SHALL MAINTAIN A ONE (1) YEAR WARRANTY ON ALL TREES AND SHRUBS WHICH HAVE BEEN PLANTED BY THE CONTRACTOR ON SITE. ANY TREES OR SHRUBS THAT ARE DEAD OR DYING DURING THE WARRANTY PERIOD SHALL BE REPLACED WITH THE SAME SPECIES.
- ALL EXISTING TREES TO REMAIN ON SITE, SHALL BE PROTECTED DURING CONSTRUCTION.
- PROVIDE NECESSARY TOPSOIL ENHANCEMENT WITHIN PLANTING AREAS.
- ALL PLANT MATERIAL SHALL CONFORM TO, AND SHALL BE PLANTED IN ACCORDANCE WITH THE STANDARDS RECOMMENDED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- TIME OF PLANTING SHALL GENERALLY BE PRIOR TO JUNE 15 AND AFTER SEPTEMBER 1. OTHER PLANTING REQUIREMENTS SHALL BE AS REQUIRED ABOVE AS WELL AS PER NURSERY AND LANDSCAPER RECOMMENDATIONS.
- ALL PLANT SIZES INDICATED ARE MINIMUM AT TIME OF PLANTING.
- ALL DISTURBED AREAS TO BE TOP SOILED AND SEEDED USING ENVIRONMENTAL SEED MIX OR APPROVED EQUAL.
- BACKFILL PLANTINGS WITH AMENDED TOPSOIL IN 9" LAYERS, WATERING EACH LAYER UNTIL SETTLED.
- THE LANDSCAPING WILL BE MAINTAINED IN PERPETUITY AND DEAD OR DYING PLANTS SHALL BE REPLACED AS EQUAL.

GENERAL NOTES:

- MAP REFERENCES:
 - BOUNDARY & TOPOGRAPHIC SURVEY INFORMATION IS REFERENCED TO THE MAP ENTITLED "MAP SHOWING SUBDIVISION OF THE SPAWN FARM" PREPARED BY BLACKSTONE LAND SURVEYORS DATED AUGUST 19, 2010 LAST REVISED MARCH 7, 2011.
 - AS-BUILT WATER AND SEWER UTILITY INFORMATION IS REFERENCED TO THE MAP ENTITLED "SANITARY SEWER AS-BUILT PLAN" PREPARED BY ABD ENGINEERS & SURVEYORS DATED FEBRUARY 12, 2004.
- ELEVATION DATUM PER MAP REFERENCES.
- NORTH PER MAP REFERENCE 1.

PROJECT INFORMATION:

OWNER/APPLICANT:
PAUL AMEDORE
23 ADDISON WAY
REXFORD, NY 12148
PROJECT TAX MAP NUMBER
27.00-1-29.2
PARCEL AREA:
23.9± AC
MUNICIPALITY:
TOWN OF GUILDERLAND,
ALBANY COUNTY

LEGEND

EXISTING PROPERTY LINE	---
EXISTING BOUNDARY LINE	----
ADJACENT PROPERTY LINE	----
PROPERTY SETBACK	----
USACOE WETLAND AREA	
NYSDEC WETLAND AREA	
NYSDEC 100' ADJACENT AREA	
PROPOSED 100' ADJACENT AREA IMPACT	
PROPOSED TEMPORARY IMPACT	
PROPOSED ACOE WETLAND IMPACT	
PROPOSED DEC/ACOE WETLAND IMPACT	