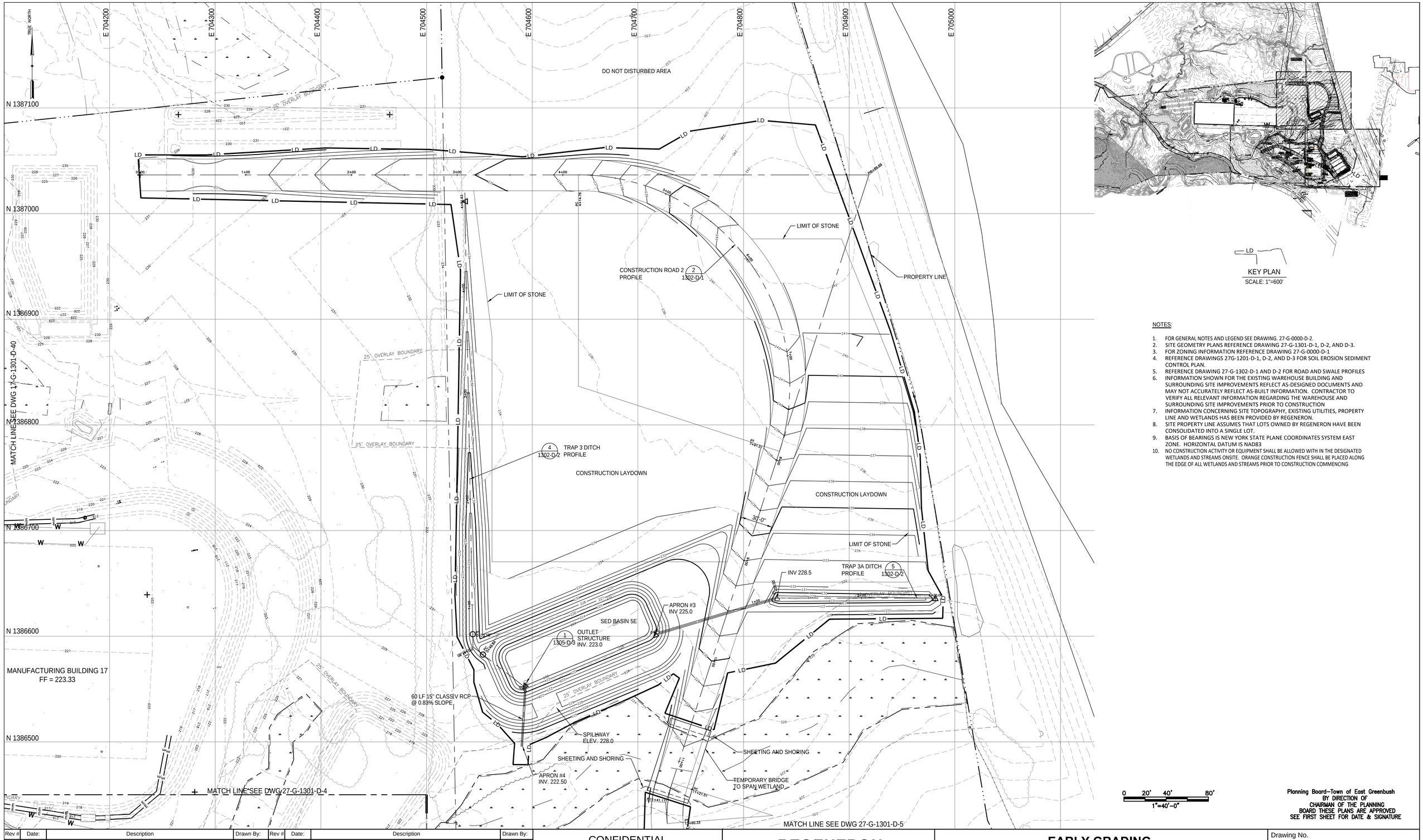






NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE DRAWING. 27-G-0000-D-2.
2. SITE GEOMETRY PLANS REFERENCE DRAWING 27-G-1301-D-1, D-2, AND D-3.
3. FOR ZONING INFORMATION REFERENCE DRAWING 27-G-0000-D-1
4. REFERENCE DRAWINGS 27G-1201-D-1, D-2, AND D-3 FOR SOIL EROSION SEDIMENT CONTROL PLAN.
5. REFERENCE DRAWING 27-G-1302-D-1 AND D-2 FOR ROAD AND SWALE PROFILES
6. INFORMATION SHOWN FOR THE EXISTING WAREHOUSE BUILDING AND SURROUNDING SITE IMPROVEMENTS REFLECT AS-DESIGNED DOCUMENTS AND MAY NOT ACCURATELY REFLECT AS-BUILT INFORMATION. CONTRACTOR TO VERIFY ALL RELEVANT INFORMATION REGARDING THE WAREHOUSE AND SURROUNDING SITE IMPROVEMENTS PRIOR TO CONSTRUCTION
7. INFORMATION CONCERNING SITE TOPOGRAPHY, EXISTING UTILITIES, PROPERTY LINE AND WETLANDS HAS BEEN PROVIDED BY REGENERON.
8. SITE PROPERTY LINE ASSUMES THAT LOTS OWNED BY REGENERON HAVE BEEN CONSOLIDATED INTO A SINGLE LOT.
9. BASIS OF BEARINGS IS NEW YORK STATE PLANE COORDINATES SYSTEM EAST ZONE. HORIZONTAL DATUM IS NAD83
10. NO CONSTRUCTION ACTIVITY OR EQUIPMENT SHALL BE ALLOWED WITH IN THE DESIGNATED WETLANDS AND STREAMS ONSITE. ORANGE CONSTRUCTION FENCE SHALL BE PLACED ALONG THE EDGE OF ALL WETLANDS AND STREAMS PRIOR TO CONSTRUCTION COMMENCING

0 20' 40' 80'
1"=40'-0"

Planning Board–Town of East Greenbush
BY DIRECTION OF
CHAIRMAN OF THE PLANNING
BOARD THESE PLANS ARE APPROVED
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**REGENERON**

Regeneron Pharmaceuticals, Inc.
81 Columbia Turnpike
Rensselaer, NY 12144

# EARLY GRADING
# SITE GRADING PLAN SHEET 3

Drawing No. **27-G-1301-D-6**

Old Drawing No.

Scale: 1"=40'

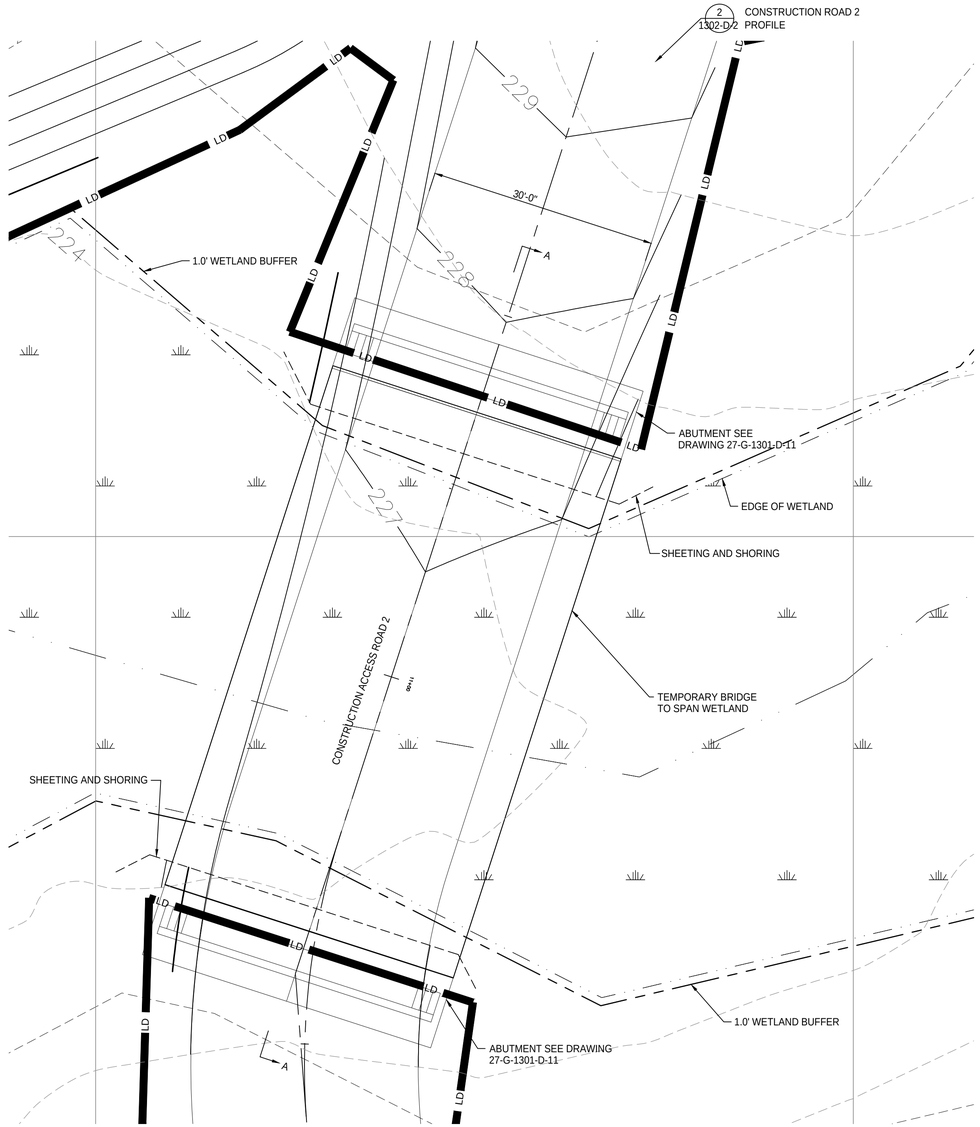
Bldg.:

File No.: **27-G-1301-D-6.DWG**

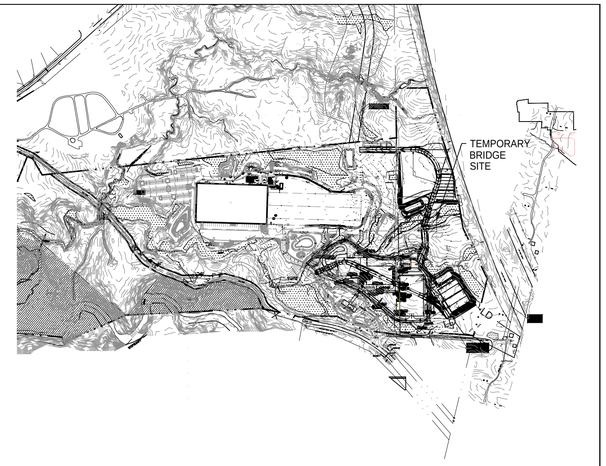
Date: 15/4/2019

Revision: **E**

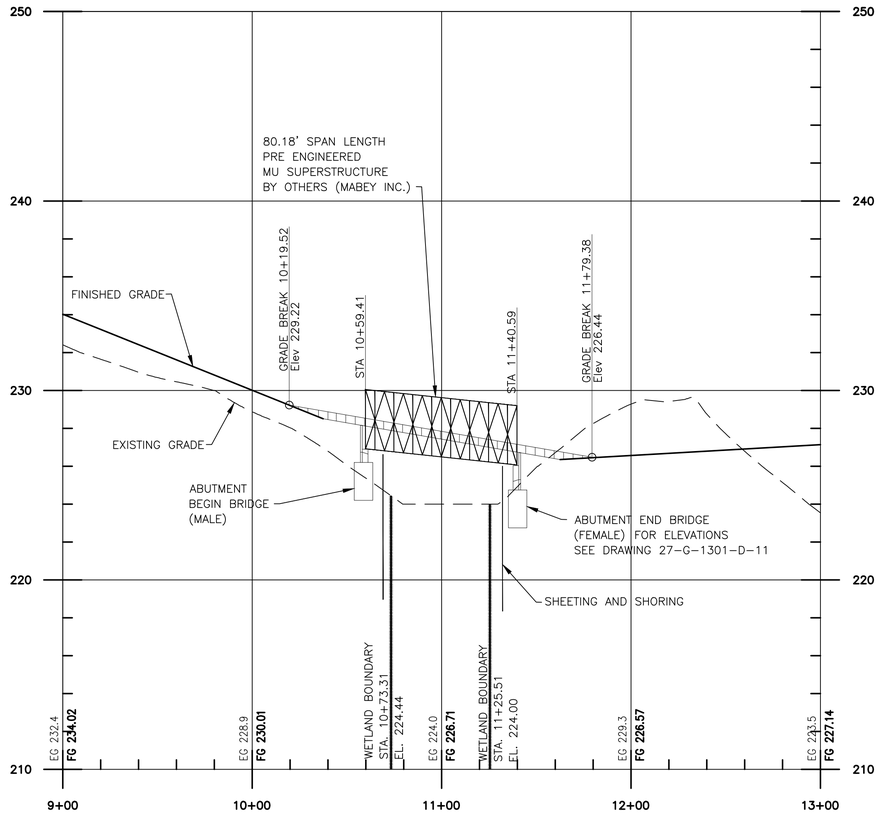
Sheet:




1 CONSTRUCTION ROAD 2 BRIDGE PLAN
27-G-1301-D-10 SCALE: 1" = 10'-0"




KEY PLAN
SCALE: 1"=600'




2 TEMPORARY CONSTRUCTION ROAD 2 BRIDGE SECTION A–A
27-G-1301-D-10 SCALE: 1" = 40'-0"
SCALE: 1"= 4'-0"

NOTES:

1. FOR GENERAL NOTES AND LEGEND SEE DRAWING. 27-G-0000-D-2.
2. SITE ROUGH GRADING PLANS REFERENCE DRAWING 27-G-1301-D-4, D-5, AND D-6.
3. NO CONSTRUCTION ACTIVITY OR EQUIPMENT SHALL BE ALLOWED WITH IN THE DESIGNATED WETLANDS AND STREAMS ONSITE. ORANGE CONSTRUCTION FENCE SHALL BE PLACED ALONG THE EDGE OF ALL WETLANDS AND STREAMS PRIOR TO CONSTRUCTION COMMENCING

DESIGN STANDARDS AND REGULATIONS:

2017 AASHTO LRFD Bridge Design Specifications (8th Ed.) and Interims

DESIGN LOADS:

Vehicular = 2 Lane HS25 (without Lane and without Impact)
Wearing Surface: No Wearing included.
Earth Pressures = 120 lb/Cu. Ft., Equivalent Fluid Pressure 60 lb/Cu. Ft.
Superstructure: Temporary Mabey MU Type Panel Bridge, Simply Supported.

Foundation:

Allowable Bearing Pressure: 2 k/Sq. Ft.

CONCRETE:

1. Strength and Type:
   Provide for all Concrete Work the Minimum Design 28 Day Compressive Strength f'c = 3,000 psi.
2. Reinforcement Requirements:
   All Reinforcement shall be Grade 60. Deformed Bars shall meet the requirements of the Concrete Reinforcing Steel Institute (CRSI). Bar Size Numbers are as recognized in ASTM Standard A706. Minimum Clearance to Reinforcing shall be 3" unless noted otherwise.

SHEET PILE

When Temporary Shoring is required by the Contract Documents or Site Conditions, the Contractor shall provide Temporary Shoring, Sheeting Piling or alternate methods, as outlined in the Design Calculations and Plans specifically developed for this Site by a licensed Professional Engineer in the State of New York. The Contractor shall submit the Design Calculations and Plans, signed and sealed, to the EOR for review and approval. Design the Shoring to comply with OSHA Standards and Interpretations, 29 CFR 1926, Subpart P, "Excavations." Design structural systems to comply with AASHTO Standard Specifications for Highway Bridges or AASHTO LRFD Bridge Design Specifications.

MISCELLANEOUS:

1. Coordination
   The Contractor shall coordinate with the Temporary Bridge Supplier to confirm/verify all dimensions shown are compatible with the Specified Temporary Bridge. Any differences should be reported to the EOR for resolution prior to erecting the bridge.
2. Staging
   The Contractor shall coordinate with the Temporary Bridge Supplier to confirm/verify construction methods to allow installation of the Specified Temporary Bridge to include backwall construction, and Anchor Bolt installation.
3. Removal
   Following the removal of the Temporary Bridge Superstructure, the complete removal of the Bridge Abutments is required. The Sheet Pile shall be left in place and Final Grade adjusted per Civil Drawings.
4. Anchor Bolts and Appurtenances
   Anchor Bolts and Appurtenances and their installation shall be per the Temporary Bridge Supplier's Specifications.

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**BY DIRECTION OF**
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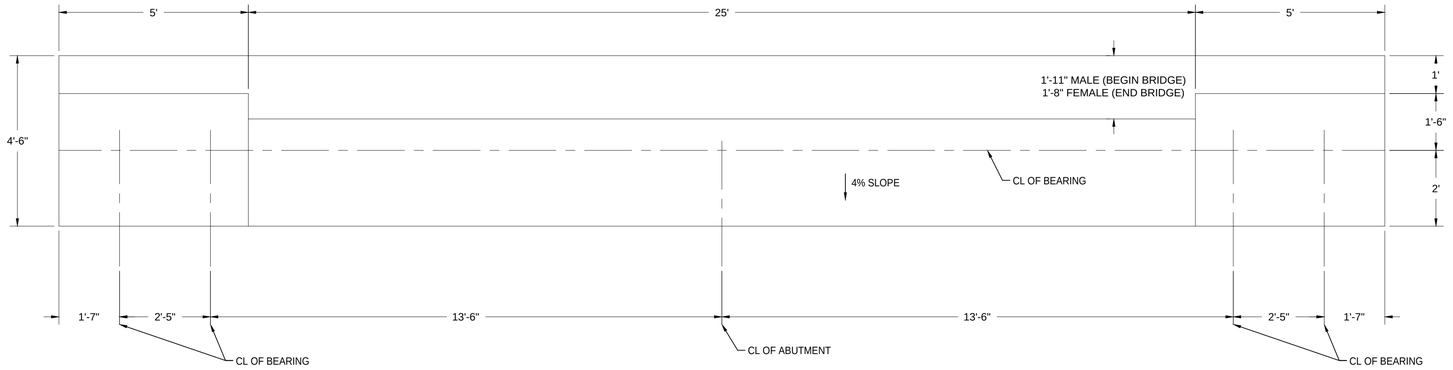
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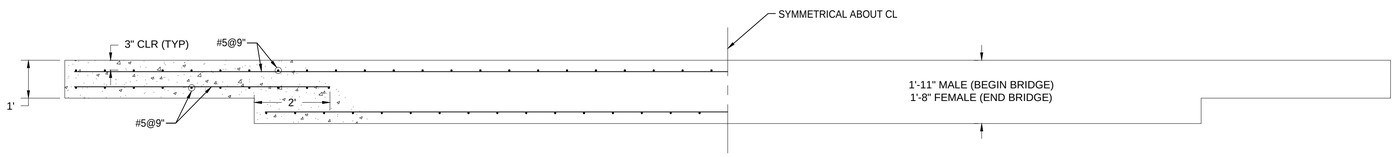
**EARLY GRADING**
**TEMPORARY BRIDGE**

Drawing No. **27-G-1301-D-10**
Old Drawing No.

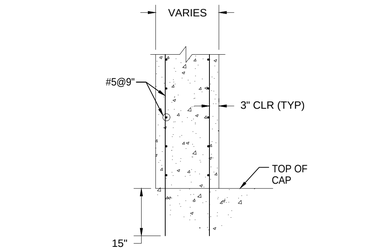
Scale: AS NOTED | Bldg.: | File No.: **27-G-1301-D-10.DWG** | Date: 2/4/2019 | Revision: **D** | Sheet:



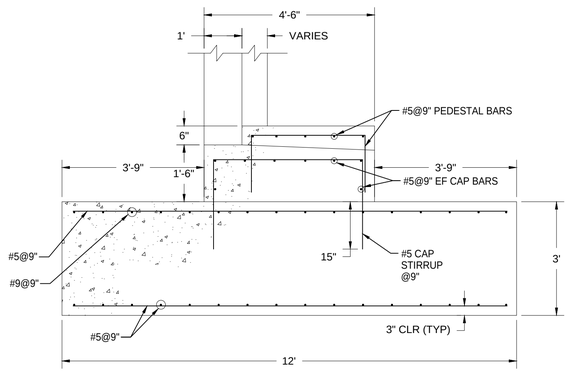

1 STEM / BACKWALL PLAN
27-G-1301-D-11 SCALE: N.T.S.



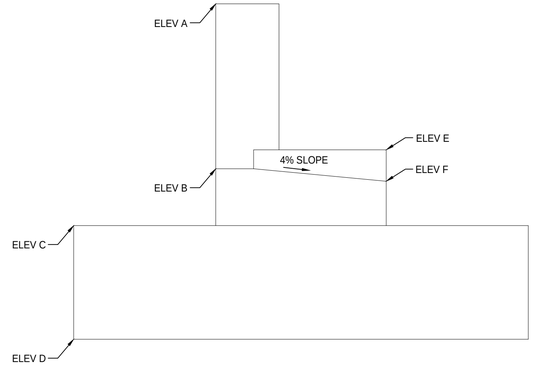

2 BACKWALL REINFORCMENT PLAN
27-G-1301-D-11 SCALE: N.T.S.




3 BACKWALL ELEVATION
27-G-1301-D-11 SCALE: N.T.S.




4 CAP, PEDESTAL, AND FOOTING ELEVATION
27-G-1301-D-11 SCALE: N.T.S.




| ELEV. | ABUTMENT BEGIN BRIDGE (MALE) | ABUTMENT END BRIDGE (FEMALE) |
|---|---|---|
| A | 228.53 | 227.11 |
| B | 224.18 | 222.76 |
| C | 222.68 | 221.26 |
| D | 219.68 | 218.26 |
| E | 224.68 | 223.26 |
| F | 224.04 | 222.62 |

5 ABUTMENT SECTION
27-G-1301-D-11 SCALE: N.T.S.

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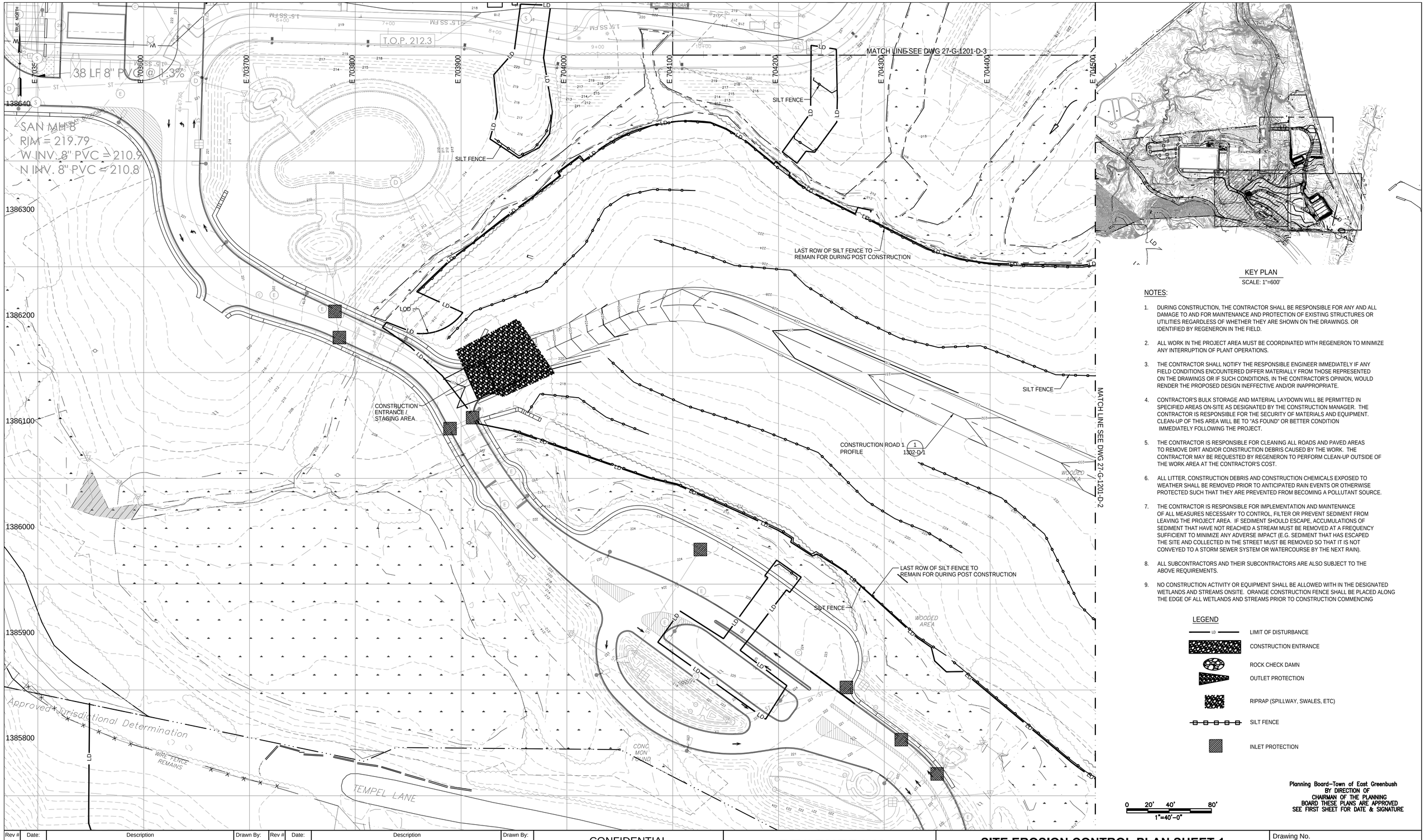
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Regeneron Pharmaceuticals, Inc.
81 Columbia Turnpike
Rensselaer, NY 12144

# EARLY GRADING
# TEMPORARY BRIDGE ABUTMENTS

Drawing No. **27-G-1301-D-11**
Old Drawing No.

Scale: AS NOTED | Bldg.: | File No.: **27-G-1301-D-11.DWG** | Date: 2/4/2019 | Revision: **B** | Sheet:




KEY PLAN

SCALE: 1"=600'

NOTES:

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING STRUCTURES OR UTILITIES REGARDLESS OF WHETHER THEY ARE SHOWN ON THE DRAWINGS. OR IDENTIFIED BY REGENERON IN THE FIELD.
2. ALL WORK IN THE PROJECT AREA MUST BE COORDINATED WITH REGENERON TO MINIMIZE ANY INTERRUPTION OF PLANT OPERATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE ENGINEER IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED ON THE DRAWINGS OR IF SUCH CONDITIONS, IN THE CONTRACTOR'S OPINION, WOULD RENDER THE PROPOSED DESIGN INEFFECTIVE AND/OR INAPPROPRIATE.
4. CONTRACTOR'S BULK STORAGE AND MATERIAL LAYDOWN WILL BE PERMITTED IN SPECIFIED AREAS ON-SITE AS DESIGNATED BY THE CONSTRUCTION MANAGER. THE CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF MATERIALS AND EQUIPMENT. CLEAN-UP OF THIS AREA WILL BE TO "AS FOUND" OR BETTER CONDITION IMMEDIATELY FOLLOWING THE PROJECT.
5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL ROADS AND PAVED AREAS TO REMOVE DIRT AND/OR CONSTRUCTION DEBRIS CAUSED BY THE WORK. THE CONTRACTOR MAY BE REQUESTED BY REGENERON TO PERFORM CLEAN-UP OUTSIDE OF THE WORK AREA AT THE CONTRACTOR'S COST.
6. ALL LITTER, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS EXPOSED TO WEATHER SHALL BE REMOVED PRIOR TO ANTICIPATED RAIN EVENTS OR OTHERWISE PROTECTED SUCH THAT THEY ARE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
7. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF ALL MEASURES NECESSARY TO CONTROL, FILTER OR PREVENT SEDIMENT FROM LEAVING THE PROJECT AREA. IF SEDIMENT SHOULD ESCAPE, ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE ANY ADVERSE IMPACT (E.G. SEDIMENT THAT HAS ESCAPED THE SITE AND COLLECTED IN THE STREET MUST BE REMOVED SO THAT IT IS NOT CONVEYED TO A STORM SEWER SYSTEM OR WATERCOURSE BY THE NEXT RAIN).
8. ALL SUBCONTRACTORS AND THEIR SUBCONTRACTORS ARE ALSO SUBJECT TO THE ABOVE REQUIREMENTS.
9. NO CONSTRUCTION ACTIVITY OR EQUIPMENT SHALL BE ALLOWED WITH IN THE DESIGNATED WETLANDS AND STREAMS ONSITE. ORANGE CONSTRUCTION FENCE SHALL BE PLACED ALONG THE EDGE OF ALL WETLANDS AND STREAMS PRIOR TO CONSTRUCTION COMMENCING

LEGEND

- LD — LIMIT OF DISTURBANCE
- CONSTRUCTION ENTRANCE
- ROCK CHECK DAMN
- OUTLET PROTECTION
- RIPRAP (SPILLWAY, SWALES, ETC)
- SILT FENCE
- INLET PROTECTION

0 20' 40' 80'

1"=40'-0"

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# SITE EROSION CONTROL PLAN SHEET 1

Drawing No. **27-G-1201-D-1**

Old Drawing No.

Scale: 1"=40' | Bldg.: | File No.: **27-G-1201-D-1.DWG** | Date: 10/4/2019 | Revision: **E** | Sheet: