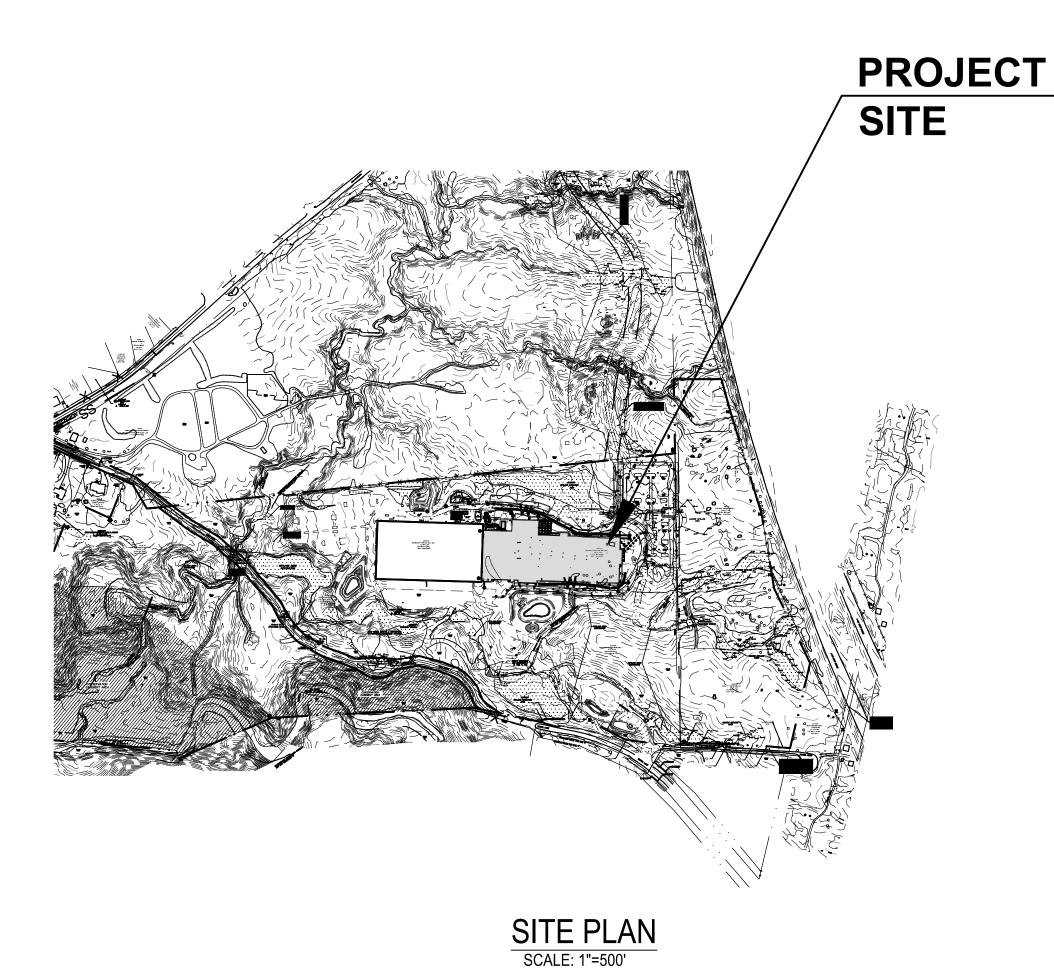
REGENERON PHARMACEUTICALS, INC TEMPEL LANE CAMPUS, BUILDING 17

EAST GREENBUSH, NEW YORK



APPLICANT:

REGENERON PHARMACEUTICALS, INC. 81 COLUMBIA TURNPIKE RENSSELAER, NY 12144

ENGINEER:

JACOBS THREE TOWER BRIDGE TWO ASH STREET. SUITE 3000 CONSHOHOCKEN, PA. 19428

ARCHITECT:

THREE TOWER BRIDGE TWO ASH STREET. SUITE 3000 CONSHOHOCKEN, PA. 19428

DESIGN SET

PROJECT SITE



SITE LOCATION MAP

ZONING DATA

	EXISTING	NEW BUILDING B17	PROPOSED BUILDING B27	REQUIRED
ZONING DSISTRICT: CORPORATE OFFICE /				
REGIONAL COMMERCIAL				
LOT AREA (Acres) (SEE NOTE #1)	57	130.71	130.71	5
OT WIDTH (FT)	2,617			400
MINIMUM YARD DIMENSION				
FRONT (FT)	427			25
SIDE (FT)	566			12
REAR (FT)	189			25
MAXIMUM BUILDING COVERAGE (%)	3.90%	4.93%	7.01%	35%
WAREHOUSE (TWO STORY) (SF)	96,800			
MANUFACTURING (TWO STORY) (B17) (SF)	•	184,000		
LAB /OFFICE BUIDLING/CAFETERIA (FOUR		·		
STORY)			60,868	
PARKING GARAGE (FIVE STORY)			57,181	
MAXIMUM BUILDING HEIGHT (FT)	50	50	69	50 (varience)
MINIMUM NUMBER OF OFF-STREET PARKING				
SPACES		1517		1405 TO 1635
				225 TO 255 (1.5 to 1.7
				PER EMPLOYEE AT
WAREHOUSE (150 EMPLOYEES)	262			MAXIMUM SHIFT)
				220 TO 280 (1.2 to 1.4 PE
				EMPLOYEE AT MAXIMUM
MANUFACTURING B17 (200 EMPLOYEES)		230		SHIFT)
				960 (ONE PARKING SPACE
LAD OFFICE CAFFTEDIA DINDING DOT (1 00				PER 250SF) (240,000 gsf)
LAB /OFFICE CAFETERIA BUIDLING B27 (1,00				1,100 EMPLOYEES
EMPLOYEES)				
				930 PARKING GARAGE AN

Scale: AS NOTED

DRAWING INDEX - EARLY GRADING PERMIT PACKAGE

Document	Tial
Number	Titles
17-G-0000-D-1	COVER SHEET
17-G-0000-D-2	GENERAL NOTES
17-G-1001-D-1	EXISTING FEATURES SHEET 1
17-G-1001-D-2	EXISTING FEATURES SHEET 2
17-G-1301-D-3	SITE EARLY GRADING LAYOUT SHEET 1
17-G-1301-D-4	SITE EARLY GRADING LAYOUT SHEET 2
17-G-1301-D-11	SITE ROUGH GRADING OVERALL
17-G-1301-D-5	SITE ROUGH GRADING SHEET 1
17-G-1301-D-6	SITE ROUGH GRADING SHEET 2
17-G-1501-D-01	SITE STORMWATER DRAINAGE AREA PLAN
17-G-1201-D-1	SITE EROSION AND SEDIMENTATION CONTROL PLAN SHEET 1
17-G-1201-D-2	SITE EROSION AND SEDIMENTATION CONTROL PLAN SHEET 2
17-G-1305-D-1	SITE EARLY GRADING DETAILS
17-G-1305-D-2	SITE EROSION CONTROL DETAILS
17-G-1305-D-3	SITE EROSION CONTROL DETAILS
17-G-1305-D-4	SITE EROSION CONTROL DETAILS
17-G-1302-D-1	SITE EARLY GRADING PROFILES

DRAWING INDEX - SITE PLAN

Document Titles					
number 17-G-0000-D-10	COVER SHEET				
17-G-0000-D-10 17-G-0000-D-2	GENERAL NOTES				
17-G-1301-D-30	SITE LAYOUT SHEET 1				
7-G-1301-D-31	SITE LAYOUT SHEET 2				
17-G-1301-D-31	SITE GEOMETRY PLAN SHEET 1				
17-G-1301-D-41	SITE GEOMETRY PLAN SHEET 2				
17-G-1301-D-41	SITE FINISHED GRADING SHEET 2				
	SITE FINISHED GRADING SHEET 2 SITE FINISHED GRADING SHEET 1				
17-G-1301-D-9	SITE PRE STORMWATER DRAINAGE AREA PLAN				
17-G-1501-D-10					
17-G-1501-D-11	SITE POST STORMWATER DRAINAGE AREA PLAN				
17-G-1501-D-12	SITE STORM SEWER SHEET 1				
17-G-1501-D-13	SITE STORM SEWER SHEET 2				
17-G-1501-D-16	SITE WATER AND SANITARY LAYOUT SHEET 1				
7-G-1501-D-17	SITE WATER AND SANITARY LAYOUT SHEET 2				
17-G-1501-D-18	SITE ELECTRICAL DUCTBANK LAYOUT SHEET 1				
7-G-1501-D-19	SITE ELECTRICAL DUCTBANK LAYOUT SHEET 2				
7-G-1201-D-10	SITE EROSION AND SEDIMENTATION CONTROL PLAN SHEET 1				
7-G-1201-D-11	SITE EROSION AND SEDIMENTATION CONTROL PLAN SHEET 2				
7-G-1601-D-10	SITE BIORETENTION PLAN SHEET 1				
7-G-1601-D-11	SITE BIORETENTION PLAN SHEET 2				
7-G-1305-D-10	SITE DETAILS				
7-G-1305-D-11	SITE DETAIL\$				
7-G-1305-D-12	SITE SIGNAGE DETAILS				
7-G-1305-D-13	SITE DETAILS				
7-G-1305-D-2	SITE EROSION CONTROL DETAILS				
17-G-1305-D-3	SITE EROSION CONTROL DETAILS				
17-G-1305-D-4	SITE EROSION CONTROL DETAILS				
7-G-1501-D-30	UTILITY DETAILS				
17-G-1501-D-31	UTILITY DETAILS				
17-G-1302-D-10	ROAD PROFILES				
17-G-1302-D-11	STORMWATER PROFILES SHEET 1				
17-G-1302-D-12	STORMWATER PROFILES SHEET 2				
17-G-1302-D-13	STORMWATER PROFILES SHEET 3				
17-G-1302-D-14	ELECTRICAL DUCTBANK AND TELECOMMUNICATION PROFILES SHEET 1				
17-G-1302-D-15	WATER AND SEWER PROFILES SHEET 2				
17-G-1401-D-1	LIGHTING PLAN				
17-G-1401-D-2	LIGHTING PLAN				
17-G-1401-D-3	LIGHTING PLAN				
17-G-1601-D-1	LANDSCAPING PLAN				
17-G-1601-D-2	LANDSCAPE DETAIL SHEET				
17-G-1601-D-3	BIORETENTION PLANTING PLAN - 1				
17-G-1601-D-4	BIORETENTION PLANTING PLAN - 2				

SITE PLAN APPROVAL BY PLANNING BOARD TOWN OF EAST GREENBUSH, NEWYORK CONDITIONS OR MODIFICATIONS

APPROVED BY ___

Rev#	Date:	Description	Drawn By:	Rev#	Date:	Description	Drawn By:
Α	08 Oct 2018	Issued for Permit	JR				
В	25 Oct 2018	ISSUED FOR PERMIT					
	·						

CONFIDENTIAL

THIS DRAWING IS THE PROPERTY OF REGENERON PHARMACEUTICALS, INC. THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR COPIED IN ANY MANNER WITHOUT THE PRIOR WRITTEN PERMISSION

FROM REGENERON PHARMACEUTICALS, INC.

REGENERON

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

Bldg.:

COVER SHEET

File No.: 17-G-0000-D-10.DWG

Drawing No. 17-G-0000-D-10

Old Drawing No.

Date:

Revision: **B**

GENERAL NOTES

- 1. EXISTING CONDITIONS AND TOPOGRAPHIC DATA IS PROVIDED FROM A NUMBER OF SOURCES INCLUDING: TOPOGRAPHIC SURVEY PREPARED BY MASTER CONSULTING P.A. AND DATED 9.15.2016; PHASE ONE AS BUILT RECORDS; INFORMATION PROVIDED BY REGENERON. NO GUARANTEE IS IMPLIED THAT THE INFORMATION SHOWN IS COMPLETE OR ACCURATE.
- 3. FEMA SPECIAL FLOOD HAZARD ZONE GRAPHICALLY PLOTTED FROM COMMUNITY-PANEL NO. 3611330004A BEARING AN EFFECTIVE DATE OF MARCH 18, 1980.
- 4. UNDERGROUND UTILITIES WERE COMPILED FROM ON SITE SURVEY AND AVAILABLE UTILITY DRAWINGS PROVIDED BY REGENERON AND ARE APPROXIMATE ONLY. NO GUARANTEE IS IMPLIED THAT THE UTILITIES SHOWN ARE IN THE LOCATIONS INDICATED OR THAT THE INFORMATION SHOWN IS COMPLETE OR ACCURATE. BEFORE CONSTRUCTION CALL "DIG SAFE" AT 1-888-DIG-SAFE. CONTRACTOR TO LOCATE THE EXISTING UNDERGROUND UTILITIES WITH GROUND PENETRATING RADAR SURVEYS PRIOR TO EXCAVATION. THE CONTRACTORS IS RESPONSIBILITY TO CONFIRM THE LOCATIONS AND DEPTH OF EXISTING UTILITIES AND TO COORDINATE ALL WORK WITH THE OWNERS REPRESENTATIVE.
- 5. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND ARE BASED ON A COMBINATION OF FIELD LOCATIONS AND COMPILED INFORMATION FROM PLANS SUPPLIED BY VARIOUS UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK AND CALL DIG-SAFE AT 1-888-DIG-SAFE.
- 6. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES THAT IS ADJACENT TO WORK. THE CONTRACTOR SHALL NOTIFY THE OWNERS REPRESENTATIVE OF ANY DAMAGE TO EXISTING UTILITIES OR UTILITY STRUCTURES CAUSED BY THE CONTRACTOR.
- 7. CONTRACTOR IS TO REFERENCE DEWATERING AND EROSION AND SEDIMENTATION CONTROL NOTES INCLUDED IN THE SWPPP
- 8. ANY WORTK OUTSIDE THE LIMITS OF DISTURBANCE WILL REQUIRE APPROVAL BY NYSOPRHP PRIOR TO COMMENCING WORK BEYONE LIMITS INDICATED.
- 9. ALL PROPOSED WORK SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS AND MEET OR EXCEED TOWN OF GREENBUSH STANDARDS
- 10. CONTRACTOR SHALL SCHEDULE A MEETING WITH SUBCONTRACTORS, DESIGN ENGINEER & OWNER'S SAFETY REPRESENTATIVE TO REVIEW ROLES / RESPONSIBILITIES; EXPECTED SUBMITTALS; ANY PERMITS THAT MAY NEED TO BE OBTAINED; AND OUTLINE THE COORDINATION WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
- 11. CONTRACTOR SHALL COMPLY WITH ALL OF THE CONDITIONS IDENTIFIED IN APPLICABLE PERMITS AND SPECIFICALLY THOSE IDENTIFIED IN THE CONDITIONS OF APPROVAL GRANTED BY EAST GREENBUSH, CONSERVATION COMMISSION, PLANNING BOARD AND/OR OWNERS REPRESENTATIVE.
- 12. ALL CONSTRUCTION STONE SURFACE AREAS ARE TEMPORARY, AND SHALL BE RESTORED TO GRASS SURFACE CONDITIONS WITHIN 6 MONTH OF PROJECT COMPLETION.

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TOPSOIL, TREES AND ROOT SYSTEMS, DESIGNATED BE DEMOLISHED.
- 2. THE CONTRACTOR SHALL CALL DIG-SAFE 72 HOURS PRIOR TO THE BEGINNING OF WORK.
- 3. SELECTIVE UTILITIES/STRUCTURES WITHIN LIMIT OF WORK SHALL BE REMOVED AS NOTED. THE CONTRACTOR WILL VERIFY THAT ANY UTILITY TO BE REMOVED IS NOT IN ACTIVE SERVICE.
- 4. ALL WORK SHALL BE CONDUCTED IN ACCOR
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE THE PUBLIC FROM HARM, AS DEEMED NECES SECURITY OF SITE FENCE AND GATE(S) DUR
- DAMAGE OF PROPERTY BEYOND THE WORK I CONTRACTOR AT THE CONTRACTOR'S EXPE
- 7. ANY ITEM TO BE REUSED ON SITE WILL BE ST MANAGER. ALL STOCKPILES WILL BE PROTEC
- 8. THE CONTRACTOR SHALL SUBMIT AS-BUILT I COMPLETED CONTRACT IN ACCORDANCE WI
- 9. PROTECT OR REMOVE/REPLANT ALL EXISTIN DURING CONSTRUCTION.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE REMAIN DURING DEMOLITION/CONSTRUCTIO
- 13. THE CONTRACTOR IS RESPONSIBLE FOR PRO FREE FROM TRASH AND DEBRIS AT ALL TIM
- 15. THE CONTRACTOR SHALL INSURE THAT ALL POLICE DETAILS ARE EMPLOYED AS NECESS
- 16. THE CONTRACTOR SHALL INSTALL ALL TEMPO PROJECT SWPPP PLANS IN ACCORDANCE WI
- 17. THE CONTRACTOR SHALL REMOVE AND DISF MANNER.
- 18. THE CONTRACTOR SHALL NOTIFY THE ENGIN ON THE PLANS.
- 19. CONTRACTOR IS RESPONSIBLE FOR REMOVI

LEGEND

EXISTING LEGEND

STONE WALL NOW OR FORMERLY OF DRAIN MANHOLE EATCH BASIN AND DRAINAGE PIPE FIRE HYDRANT → WATER MAIN & GATE VALVE - -182- - EXISTING ELEVATION CONTOUR SEWER MANHOLE & SEWER MAIN GAS MAIN ── U/E ── UNDERGROUND ELECTRIC LINE

EXISTING GUARD RAIL EXISTING EDGE OF PAVEMENT

— TEL — UNDERGROUND TELECOM LINE

UTILITY POLE

SLOPED GRANITE CURB BIT. CONC. CAPE COD BERM VERTICAL CONCRETE CURB EXISTING TREE/BRUSH LINE 14" DIA. DOUBLE OAK TREE

SIGN LIGHT POST

> CONCRETE PAD AREA WITH SLOPE GREATER THAN 15%

PROPOSED LEGEND

NEW BUILDING OR STRUCTURE UTILITY TIE-IN POINT NEW WALKWAY/EXIT PAD NEW U/G PIPE (SEE BELOW FOR TYPE) - 123 LF 18" RCP @ 0.75% SLOPE OF PIPE AS A % PIPING MATERIAL PIPE SIZE (DIAMETER) LENGTH OF PIPE (FEET) FOUNDATION DRAINAGE PIPE (NON-SLOPED) (TEMPORARY) **NEW STORM MANHOLE** (TEMPORARY) **NEW STORMWATER INLET** NEW CLEAN OUT

FLARED END SECTION

—156 — PROPOSED FINISH GRADE CONTOUR, FT.

PROPOSED SPOT ELEVATION, FT.

FLOW LINE

---- (156) ---- PROPOSED ROUGH GRADE CONTOUR, FT.

161.5

ABBREVIATIONS

RCP	REINFORCED CONCRETE PIPE	ЕМН	ELECTRICAL MANHOLE
PVC	POLYVINYL CHLORIDE PIPE	U.N.O.	UNLESS NOTED OTHERWISE
DIP	DUCTILE IRON PIPE (CEMENT LINED)	СВ	CATCH BASIN
CISP	CAST IRON SOIL PIPE	FRP	FIBERGLASS REINFORCED PLASTIC PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	V.I.F.	VERIFY IN FIELD
R.O.W.	RIGHT OF WAY	A.C.	ASPHALT CONCRETE
POTW	POTABLE/CITY WATER	F.F.E.	FINISHED FLOOR ELEVATION
NG	NATURAL GAS	EL.	ELEVATION
		МН	MANHOLE
H.P.	HIGH POINT	SMH	SANITARY MANHOLE
L.P.	LOW POINT	SAN	SANITARY
T.G./GR	TOP OF GRATE	CONC.	CONCRETE
FOC	FACE OF CURB	SS	STORM DRAIN
		FW	FIRE WATER
FOB	FACE OF BUILDING	FH	FIRE HYDRANT
I.E./INV./I	INVERT ELEVATION	C.O.	CLEAN OUT
ВОР	BOTTOM OF PIPE	LW	LAB WASTE
	ELEVATION	T.E.	TOP ELEVATION
POB	POINT OF BEGINNING	ВС	BOTTOM OF CURB ELEVATION
POE	POINT OF END	TC	TOP OF CURB ELEVATION
PC	POINT OF CURVATURE	A/G	ABOVE GRADE
PI	POINT OF INTERSECTION	U/G	UNDER GROUND
PT	POINT OF TANGENCY	CMP	CORRUGATED METAL PIPE
RAD. PT.	RADIUS POINT	TYP.	TYPICAL
R	RADIUS	RIM	RIM ELEVATION
С	COORD. LENGTH	FD	FLOOR DRAIN
0	MID ORDINATE	GR	GRATE ELEVATION
L	CURVE LENGTH	LOD	LIMIT OF DISTURBANCE
Т	TANGENT LENGTH		
DELTA	DELTA		
DC	DEGREE OF CURVATURE		
FG	FINAL GRADE		
EG	EXISTING GRADE		
GW	FOUNDATION DRAIN		
CC	CONCRETE CURB		
BB T.O.C.	BITUMINOUS BERM TOP OF CONCRETE		
			Planning Board—Town of East Gree BY DIRECTION OF
			BY DIRECTION OF

st Greenbush BY DIRECTION OF CHAIRMAN OF THE PLANNING BOARD THESE PLANS ARE APPROVED SEE FIRST SHEET FOR DATE & SIGNATURE

OT IN ACTIVE SERVICE.							12%	NEW GRADE / DIRECTION	PC	POINT OF CURVATURE	A/G	AB
CORDANCE WITH LOCAL,	STATE, AND F	FEDER/	L REGULATIO	NS.					PI	POINT OF INTERSECTION	U/G	UN
IBLE FOR PROVIDING ANY . IECESSARY BY THE TOWN,				ISURE THE PROTECTION OF CLUDES MAINTAINING				SILT FENCE	PT	POINT OF TANGENCY	CMP	СО
DURING WORK AND NON-	WORK HOURS	S.						NEW SIGN	RAD. PT.	RADIUS POINT	TYP.	TYI
ORK LIMITS CAUSED BY THE EXPENSE SUBJECT TO APP				HALL BE REPAIRED BY THE			\bowtie	NEW VALVE	R	RADIUS COORD. LENGTH	RIM FD	RIM FLC
BE STOCKPILED IN AREAS COTECTED WITH SEDIMENT JILT DRAWINGS, ELECTRO CE WITH THE BID DOCUMEI	AND EROSIONIC FORMAT	ON CON	TROL MEASUI	RES.			NPIV	NEW POST INDICATOR VALVE	О L Т	MID ORDINATE CURVE LENGTH TANGENT LENGTH	GR LOD	GR LIM
ISTING LANDSCAPING MAT	ERIALS NOT	DESIGN	IATED FOR DE	MOLITION DISTURBED			NFH	NEW FIRE HYDRANT	DELTA	DELTA		
IBLE FOR PROVIDING AN E ICTION.	MERGENCY A	ACCESS	PLAN FOR EX	ISTING BUILDINGS TO			—— NFP ——	NEW LIGHT POLE NEW FIRE PROTECTION PIPE	DC FG	DEGREE OF CURVATURE FINAL GRADE		
R PROVIDING TRASH RECEI LL TIMES.	PTACLES ANI	D SERV	CES AS NECE	SSARY TO KEEP THE SITE			—— NPOTW ——	NEW POTABLE WATER PIPE	EG GW	EXISTING GRADE FOUNDATION DRAIN		
ALL TRAFFIC IS MAINTAIN CESSARY TO KEEP TRAFFI				AND THAT FLAGGERS AND TS.			——————————————————————————————————————	NEW GAGTILE	cc	CONCRETE CURB		
TEMPORARY SEDIMENT AN DE WITH THE EXISTING PER		CONTR	DL INFRASTRU	CTURE AS IDENTIFIED IN THE				NEW STORM SEWER PIPE	BB T.O.C.	BITUMINOUS BERM TOP OF CONCRETE		
DISPOSE OF ALL DEMOLIS	SHED MATER	RIALS, IF	NOT REUSED	OFF THE SITE IN A LEGAL				NEW CONCRETE CURB NEW CONCRETE DEPRESSED CURB				
ENGINEER IMMEDIATELY IF	AN EXISTING	G UT I LIT	Y IS ENCOUN	ERED THAT IS NOT SHOWN				EXISTING UTILITIES TO BE DEMOLISHED/				
MOVING CONSTRUCTION 1	RAILER PRIC	OR TO C	OMPLETION (F WORK				RELOCATED REMOVE EXISTING ASPHALT				
								REMOVE EXISTING CONCRETE WALKWAY/STAIR/PADS				Plar
												SE
D	rawn By: I	Rev#	Date:	Description	Drawn By:	CONFIDENTIAL	REGENERO)A/	GENER	RAL NOTES		Drawing
	AJW	\dashv	+				KEGENERU			- - -		
	AJW JR					THIS DRAWING IS THE PROPERTY OF REGENERON PHARMACEUTICALS, INC. THE INFORMATION CONTAINED HEREIN MAY NOT	Regeneron Pharmaceuticals 81 Columbia Turnpike Rensselaer, NY 12144					Old Dra
						BE USED OR COPIED IN ANY MANNER	nensseider, in i 12144			1		

Scale: AS NOTED

Rev#	Date:	Description	Drawn By:	Rev#	Date:	Description	Drawn By:	
Α	06 Jun 2018	Issued for Permit	AJW					1
В	19 Jun 2018	Issued for Permit	AJW					1
0	26 Jul 2018	Issued for Construction	AJW]
1	28 Aug 2018	ISSUED FOR CONSTRUCTION	JR]
]
					·]
								1

WITHOUT THE PRIOR WRITTEN PERMISSION FROM REGENERON PHARMACEUTICALS, INC.

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

Bldg.:

GENERAL NOTES	Drawing No. 17-G-	Drawing No. 17-G-0000-D-2			
		Old Drawing No.			
File No.: 17-G-0000-D-2.DWG	Date: 6/6/2018	Revision: 1	Sheet:		

