Site Plans

Issued for Date Issued Latest Issue

Site Plan Review November 1, 2017 January 22, 2019

1211 Western Ave

1211 Western Avenue Albany, New York

Owner

Sage Enterprises, LLC Attn: Evan Walden 1211 Western Avenue Albany, NY 12206

Applicant

Jon Grant, President GSX Ventures 7 Old Solomons Island Road Annapolis, MD 21401

Assessor's Map: 64.22-1 Lot: 10



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August 24, 2017 December 17, 2018 Undated October 12, 2018



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		Leg	end		
Exist.	Prop.		Exist.	Prop.	
				an a	CONCRETE
		PROJECT LIMIT LINE			HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			BUILDINGS
		EASEMENT	1220020		RIPRAP
		BUILDING SETBACK			CONSTRUCTION EXIT
		PARKING SETBACK			
10+00	10+00	BASELINE	27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
		CONSTRUCTION LAYOUT	26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
		ZONING LINE	132.75 ×	132.75 ×	SPOT ELEVATION
		TOWN LINE	45.0 TW × 38.5 BW	45.0 IW 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
			- 🔶	$\mathbf{ightarrow}$	BORING LOCATION
		LIMIT OF DISTURBANCE			TEST PIT LOCATION
<u>Δ</u> ·		WETLAND LINE WITH FLAG	€ ^{MW}		MONITORING WELL
		FLOODPLAIN	UD	ID	
BLSF		BORDERING LAND SUBJECT	12"D	12″D→	
BZ			6"PD	6″RD →	
ND7			12"S	12 " S	
		IND JUKD ZUNE	FM	FM	
200'RA		200' RIVERFRONT AREA		ОНW	
		GRAVEL ROAD	6"W		
EOP	EOP	EDGE OF PAVEMENT	0 W	• W	
BB	BB	BITUMINOUS BERM	4 FP		
BC	BC		- 27 -	2`DW	DOMESTIC WATER
CC	 CC		3‴G	G -	GAS
	<u>CG</u>		E	—E	ELECTRIC
	ECC		STM	STM	STEAM
		EXTRUDED CONCRETE CURB	—T	T	TELEPHONE
		MONOLITHIC CONCRETE CURB	——— FA———	——FA——	FIRE ALARM
		PRECAST CONC. CURB	CATV	CATV	CABLE TV
SGE	SGE	SLOPED GRAN. EDGING			CATCH BASIN
VGC		VERT. GRAN. CURB			
		LIMIT OF CURB TYPE			GUTTER INI ET
		SAWCUT	_ D	•	
K			=TD=		
		BUILDING	E	Ľ	
		BUILDING ENTRANCE	со	co	
		LOADING DOCK		•	
0	•	BOLLARD			
D	D	DUMPSTER PAD			
0	Ŧ	SIGN	S	•	SEWER MANHOLE
0	Ŧ	DOUBLE SIGN	CS	CS	
			- wv	wv	
T	I	STEEL GUARDRAIL	TSV	TSV	
		WOOD GUARDRAIL			
			HYD	HYD	
~		РАТН	WM	WM	
\sim			PIV	PIV	
- <u>×</u> ×	-xx-	WIRE FENCE		•	
-00	-••	FENCE	W	W	WATEK WELL
-00		STOCKADE FENCE	GG	O GG	GAS GATE
0000000	$\infty \infty \infty \infty$	STONE WALL	GM	GM ⊡	GAS METER
A		RETAINING WALL	(E)	● EMH	FI FCTRIC ΜΑΝΗΟΙ F
		STREAM / POND / WATER COURSE	EM	EM	
· ·	· · ·	DETENTION BASIN	L.	···	
		HAY BALES	بد _	▼ _ TMH	
×	×	SILT FENCE	\bigcirc	• • • • • • • • • • • • • • • • • • • •	TELEPHONE MANHOLE
· <	· c::::> ·	SILT SOCK / STRAW WATTLE	Τ	T	TRANSFORMER PAD
4	<u> </u>	MINOR CONTOUR	-0-	.	UTILITY POLE
— — 20— —	20		~	-	
20			- 1	● 	GUY POLE
(10)	(10)	PARKING COUNT	HH	нн НН	GUY WIRE & ANCHOR
	C10	COMPACT PARKING STALLS	PB	⊡ PB	HAND HOLE
DYL	DYL	DOUBLE YELLOW LINE	•		PULL BOX
SL	SL	STOP LINF	Mato	hline	MATCHIINF
71 1		ACCESSIBLE CORD RAIVIN			

ACCESSIBLE PARKING

VAN-ACCESSIBLE PARKING

Abbreviations

General	
ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GTD	GRADE TO DRAIN
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
TYP	TYPICAL
TYP	TYPICAL
түр Utility	TYPICAL
түр Utility Св	TYPICAL CATCH BASIN
TYP Utility CB CMP	TYPICAL CATCH BASIN CORRUGATED METAL PIPE
TYP Utility CB CMP CO	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT
TYP Utility CB CMP CO DCB	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN
TYP Utility CB CMP CO DCB DMH	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE
TYP Utility CB CMP CO DCB DMH CIP	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE
TYP Utility CB CMP CO DCB DMH CIP COND	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT
TYP Utility CB CMP CO DCB DMH CIP COND DIP	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE
TYP Utility CB CMP CO DCB DMH CIP COND DIP FES	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION
TYP Utility CB CMP CO DCB DMH CIP COND DIP FES FM	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN
TYP Utility CB CMP CO DCB DMH CIP COND DIP FES FM F&G	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE
TYP Utility CB CMP CO DCB DMH CIP COND DIP FES FM F&G F&C	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER
түр Utility СВ СМР СО DCB DMH СІР СОND ПР ЕS FM F&G F&G F&C GI	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET
түр Utility СВ СМР СО DCB DMH СІР СОND ПР КО ПР КО СО ПР СО ПР СО СО СО СО СО СО СО СО СО СО	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP
 ТҮР Utility СВ СМР СО DСВ DМН СІР СОND ПР КА ГКА F&G F&G F&G GI GT HDPE 	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CORUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP
 ТҮР Utility СВ СМР СО DСВ DМН СІР СОND ПР ГВ ГВ<!--</th--><td>TYPICAL CATCH BASIN CORRUGATED METAL PIPE CORUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE</td>	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CORUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE
 ТҮР Utility СВ СМР СО DСВ DМН СІР СОND ПР ГВ ГВ<!--</th--><td>TYPICAL CATCH BASIN CORRUGATED METAL PIPE CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL</td>	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL
 ТҮР Utility СВ СМР СО DСВ DМН СОND СОND ПР СОND ПР КАС ГАС ГАС<td>TYPICALCATCH BASINCORRUGATED METAL PIPECLEANOUTDOUBLE CATCH BASINDRAIN MANHOLECAST IRON PIPECONDUITDUCTILE IRON PIPEFLARED END SECTIONFORCE MAINFRAME AND GRATEFRAME AND COVERGUTTER INLETGREASE TRAPHIGH DENSITY POLYETHYLENE PIPEHANDHOLEHANDHOLEHEADWALLHYDRANT</td>	TYPICALCATCH BASINCORRUGATED METAL PIPECLEANOUTDOUBLE CATCH BASINDRAIN MANHOLECAST IRON PIPECONDUITDUCTILE IRON PIPEFLARED END SECTIONFORCE MAINFRAME AND GRATEFRAME AND COVERGUTTER INLETGREASE TRAPHIGH DENSITY POLYETHYLENE PIPEHANDHOLEHANDHOLEHEADWALLHYDRANT
 ТҮР Utility СВ СМР СО DСВ DМН СО ТО ТО ПР СО ГВ ГВ	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET IGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT
 ТҮР Utility СВ СМР СО DСВ DМН СО ТР СО ПР ГВ ГВ	TYPICALCATCH BASINCORRUGATED METAL PIPECORRUGATED METAL PIPECLEANOUTDOUBLE CATCH BASINDRAIN MANHOLECAST IRON PIPECONDUITDUCTILE IRON PIPEFLARED END SECTIONFORCE MAINFRAME AND GRATEFRAME AND COVERGUTTER INLETGREASE TRAPHIGH DENSITY POLYETHYLENE PIPEHANDHOLEHANDHOLEHEADWALLHYDRANTINVERT ELEVATION
ТҮР Utility CB CMP CO DCB DCMH CO DCB DMH CIP COND DIP FES FM F&G F&G GI GT HDPE HH HVD INV I= LP	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE INVERT ELEVATION INVERT ELEVATION
ТҮР Utility CB CMP CO DCB DCMH COND DMH COND F8 F84G F84G GI F84G HDPE HH HVD HNV INV I= LP MES	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION
ТҮР Utility CB CMP CO DCB DCMH COND DMH COND F8 F84 GI F84 GI HDPE HH HVD INV I= LP MES	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CATCH IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION
ТҮР Utility CB CMP CO DCB DCB DMH COND DMH COND F8 F84 F84 GI F84 HDPE HH HVD INV I= LP MES PIV	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION PAVED WATER WAY
ТҮР Utility CB CMP CO DCB DCB DMH COND DMF F8 F84C GI F84C GI HDPE HU HV HV HV HV PVC	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DOUBLE CATCH BASIN DARIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET IGREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION IGHT POLE METAL END SECTION POST INDICATOR VALVE POVENUNC CHI OPIDE PIPE
TYP Utility CB CMP CO DCB DMH CIP COND FES FM F&G F&G GI F&G HDPE HV HV INV I PIV PVC	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DOUBLE CATCH BASIN DARIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE HIGH DENSITY POLYETHYLENE PIPE INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE
TYP Utility CB CMP CO DCB DMH COND DMH COND F8 F&G F&G F&Q GI HDPE HW HVD INV I= LP MES PIV PVC RCP	TYPICAL CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE CONDUIT DUCTILE IRON PIPE FLARED END SECTION FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HANDHOLE INVERT ELEVATION INVERT ELEVATION IGHT POLE METAL END SECTION POLYUINYLCHLORIDE PIPE POLYUINYLCHLORIDE PIPE

SEWER MANHOLE

UNDERGROUND

UTILITY POLE

TAPPING SLEEVE, VALVE AND BOX

General

- 1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES
- ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- 4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 3 INCHES LOAM AND SEED.

SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.

- WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
- WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- 7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- 8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Utilities

- 1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- 3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
- 4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
 - A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
 - B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
 - C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
- 5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
- CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
- 7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - A. WATER PIPES SHALL BE CEMENT LINED DUCTILE IRON FOR FIRE PROTECTION AND TYPE 'K' COPPER FOR DOMESTIC SERVICE. WATER MAIN SHALL BE WRAPPED WITH V-BIO ENHANCED POLYETHYLENE.
 - B. SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE
 - C. STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HDPE)
- CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
- 9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
- 10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.
- 11. A COPY OF ALL RELEVANT SHOP DRAWINGS FOR WATER, SEWER AND STORM UTILITIES SHALL BE PROVIDED TO THE ALBANY WATER DEPARTMENT FOR REVIEW AND ACCEPTANCE.

TO PREVENT EROSION.

A ROW ACC
GENERAL S
WORK WIT

Notes

Layout and Materials

- ON THE PLANS.

Demolition

WORK.

Erosion Control

Existing Conditions Information

- Document Use

- FEATURES.
- PERMITS

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.

2. CURB RADII ARE 3 FEET UNLESS OTHERWISE NOTED.

3. CURBING SHALL BE PRECAST CONCRETE CURB (PCC) WITHIN THE SITE UNLESS OTHERWISE INDICATED

4. CURBING SHALL BE GRANITE WITHIN THE PUBLIC RIGHT-OF-WAY.

5. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.

6. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.

7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.

2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.

3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.

4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE

5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

1. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY, ENGINEER AND CONTRACTOR PRIOR TO ANY SOIL DISTURBANCE WORK.

2. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.

3. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.

4. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.

5. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED

6. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY GERALD GRAY, PLS. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY GERALD GRAY, PLS.

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.

2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT

1. PERMITS SHALL BE OBTAINED FROM THE CITY OF ALBANY WATER AND WATER DEPARTMENT, SEWER AUTHORITY, BUILDING DEPARTMENT, NYSDEC GP 0-015-002 AND ANY OTHER PERMITTING AUTHORITY RRIOR TO THE START OF ANY SOIL DISTURBANCE WORK.

> CESS PERMIT (CONSTRUCTION AND PERMANENT) IS REQUIRED FROM THE DEPARTMENT OF ERVICES PRIOR TO THE START OF WORK. ENING PERMITS ARE REQUIRED FROM THE DEPARTMENT OF GENERAL SERVICES FOR ANY

HIN THE CITY ROW.



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Legend and **General Notes**

Drawing Number



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\\vhb\gbl\proj\Albany\26138.00 GSX Student Housing\cad\ld\Planset\26138.00 - DM.dwg PLAN NOTES:

DEMOLITION SEQUENCING TO BE COORDINATED WITH CITY OF ALBANY.

SEE EROSION & SEDIMENT CONTROL PLAN FOR SEQUENCE OF CONSTRUCTION NOTES AND EROSION & SEDIMENT CONTROL REQUIREMENTS.

DEMOLITION NOTES:

- 1 INSTALL CONSTRUCTION FENCE AROUND PROPERTY BOUNDARY.
- 2 COORDINATE WITH UTILITY PROVIDER TO REMOVE UNDERGROUND UTILITIES.
- 3 DEMOLISH EXISTING BUILDING. CONTRACTOR SHALL OBTAIN APPROPRIATE PERMITS FOR DEMOLITION AND TERMINATION OF ALL EXISTING UTILITY SERVICES SERVING THE SITE.
- (4) REMOVE ALL EXISTING ASPHALT DOWN TO SUBBASE AND DISPOSE OF ASPHALT OFF-SITE.
- 5 REMOVE ALL EXISTING VEGETATION.
- 6 ANY AND ALL TREES REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH A TREE OF EQUAL CALIPER. SEE LANDSCAPE PLAN.
- (7) CONCRETE CURB ALONG PROPERTY FRONTAGE SHALL BE REMOVED AND REPLACED WITH GRANITE CURB.

E ARC

APPROXIMATE LOCATION OF EXISTING ELECTRIC AND TELECOMMUNICATIONS LINES

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7. 1. 10 12. 9. 10

NEAL YORK

STATE

ROUTE

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GATE FOR ACCESS DURING \

INSTALL CONSTRUCTION FENCE AROUND PROPERTY BOUNDARY -

DEMOLITION PHASE. ----

MESTERN AVENUE



	GW Depth	Boring Results	GW Depth
esent		B-1 Fill, consisting of silt, sand, roots, and	
		organics extended to about 11.0' depth	
st	El. 194.6	From 11.0' to about 16.0' silt and fine	
vn Silt		sands were present with lesser amounts	
		of clay	
pipe		Gray silt and clay extended from 16' to	El. 194.6
or hour		the terminus of the boring at 52'	
er nour	El. 194.1	Water was measured at Elev. 194.6' +/-	
and		upon completion	
		The infiltration test was set in this area	
pipe	-	at 4.5′ depth	
t	< Fl. 191.0	B-2 Fill, consisting of sand and gravel was	
gray	10110	found to about 1.0′	
		Brown to gray silt was encountered to	
oipe	-	about 8' depth	FL 180 4
nour	< El. 191.0	Gray silt and clay were present to the	LI. 100.4
ilt and		terminus of the boring at 22'	
		Water was measured at Elev. 180.4' +/-	
		at completion	
		B-3 Fill, consisting of sand silt, gravel, and	
		roots was present to about 7.0' depth	
		Gray silt and fine sand was present to	
		about 15.5' depth	
		Gray silt and clay with silt partings and	El. 192.9
		seams was present until the terminus of	
		the boring at 22'	
		Water measured at Elev. 192.9' +/- upon	
		completion	
		B-4 Brown silt and fine sand was present	
		just under the asphalt and subbase to	
		about 3'	< El. 180.0
		Tan to gray silt was present to about 5'	1. 100.0
_		Gray silt and clay was present to the	

terminus of the boring at 22'

N'SA

CONSTANTAKES



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<u>NOTE:</u>

REFER TO GEOTECHNICAL REPORT FOR SOILS, GROUNDWATER AND GEOTECHNICAL RECOMMENDATIONS.

EXISTING BUILDING SHALL SURVEYED FOR HAZARDOUS MATERIALS AND REMOVED ACCORDINGLY WITH THE PROPER PERMITS.



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Demolition Plan

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of **11** 2

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Ground Level Layout

					li
				TRASH BELOW BELOW	
	209.00'				
204.00°	RAMP DOWN	0 73 72 72 71 0 70 7 69	68 0 67 66 65 0 64 1	· 63 62 ↓ ↑ 22	
223.01 WILL / ETC.	1 × 1 1 47 48 49 1	5 0_51_52_ 6 53_54	<u></u> <u>55</u> 6 <u>56</u> <u>57</u> <u></u> 58 6 <u>57</u> <u></u> 58 6 <u>57</u> <u></u> 58 6 <u>57</u> <u></u> 58 6 <u>58</u> <u>58</u> <u>57</u> <u></u> 58 6 <u>58</u> <u>58</u> <u>57</u> <u></u> 58 6 <u>58</u> <u>58</u> <u>58</u> <u>58</u> <u>58</u> <u>58</u> <u>58</u> <u>58</u>		
		 , R	AMP UP	25	
Joolson Bollar	46 45 44 43 42	0 41 40 7 39 0 38 7 37	36 0 35 34 / 33 0 32	31 30 29 28 27 MECH	
					<u> </u>

Lower Level Layout

							202.00	RECV	G / H
			0 55 <u>54</u> 53.	52 51 50		a 46 45 44	43 - 45		
	ED	• 197.00'	TOTAL THIS F	PARKING DOR = 74	+			• 197.00'	40
		1 1 1 1	60 - 61 - 62	63 84 85	66-1-67 68	9 89 70 F 71	72 - 73		38
		BAMP	HC HC	VAN HC	5 6 7				36 35
	1		RAMP DOWN	↓ ← ↓ →		9 197.00' /	+		33
203 50 0 1 ELEC		OILER	0 —14- -15 16 -	0-1718 - -19	0-20 + 21 - 22-	0-23-24-/-25-	27	28- 0 - 29 - 30 - 3	
								-	



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NOTES:

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- A VEHICLE EXIT BARRIER, INCLUDING BUT NOT LIMITED TO A GATE OR PAYMENT BOOTH, SHALL BE LOCATED AT LEAST 20 FEET INSIDE THE EXTERIOR WALL OF THE PARKING STRUCTURE. SEE ARCHITECTURAL PLANS.
- CONVEX MIRRORS SHALL BE INSTALLED AT THE INGRESS AND EGRESS LOCATION OF THE GARAGE FOR PEDESTRIAN SAFETY. SEE ARCHITECTURAL PLANS.
- 3. TRASH COLLECTION AND STORAGE IS LOCATED WITHIN THE BUILDING. SEE ARCHITECTURAL PLANS.
- 4. VISUAL AND AUDIBLE WARNING DEVICES WILL BE INSTALLED TO DESTRIAN TRAFFIC AT THE GARAGE EX
- 5. THE GRADING PERMIT AND STREET OPENING PERMITS AND ROW ACCESS APPLICATION WILL NOT BE RELEASED TO THE CONTRACTOR WITHOUT WRITTEN CONSENT OF THE GEOTECHNICAL ENGINEER ACKNOWLEDGEMENT THAT THE PLANS AND SPECIFICATIONS ARE COMPLETE FOR CONSTRUCTION. SUBMIT SIGNED AND STAMPED -SHORING DESIGN AND CALCULATIONS PRIOR TO DEMOLITION.
- 6. A MAINTENANCE AND PROTECTION OF TRAFFIC PLAN MUST BE SUBMITTED TO APD - TRAFFIC ENGINEERING PRIOR TO THE START OF DEMOLITION.
- 7. A TEMPORARY ROW ACCESS APPLICATION MUST BE SUBMITTED AND APPROVED PRIOR TO THE START OF DEMOLITION. CONTACT GARY BOHL, DEPARTMENT OF GENERAL SERVICES.
- 8. A GRADING PERMIT WILL BE REQUIRED IF ANY SPOILS FROM THE SITE ARE DEPOSITED WITHIN THE CITY OF ALBANY.
- 9. WORK HOURS SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY 7:00AM TO 5:00PM.
- 10. PERMANENT ROW ACCESS APPLICATION TO BE BY THE OWNER. TEMPORARY ROW APPLICATION TO BE BY THE CONTRACTOR. STREET OPENING PERMITS TO BE BY THE CONTRACTOR



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Layout and **Materials** Plan



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- 1. OWNER'S REPRESENTATIVE SHALL BE CONSULTED BEFORE ANY WORK SHALL COMMENCE.
- CONSTRUCTION
- CONDITIONS TO THE OWNER'S REPRESENTATIVE.
- GOVERNMENTAL AGENCY HAVING JURISDICTION.
- 6. CONTRACTOR SHALL PROTECT AND SUSTAIN NORMAL SERVICE IN ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT, ROADWAYS,
- AND DRIVEWAYS.
- PROPERTY FROM DAMAGE.
- 9. ALL PROPOSED GRADES SHALL BE SET IN THE FIELD BY A NEW YORK STATE LICENSED LAND SURVEYOR.
- TO THE OWNER AND THE OWNER'S REPRESENTATIVE. 11. ALL SLOPES 3:1 OR GREATER SHALL RECEIVE BIODEGRADABLE FABRIC OR APPROVED EQUIVALENT FOR EROSION CONTROL.
- 12. CONTRACTOR SHALL BLEND ALL NEW EARTHWORK INTO EXISTING GRADES AT THE LIMIT OF CONSTRUCTION. CONTRACTOR SHALL DECOMPACT ALL GRASSED AREAS PRIOR TO TOPSOILING PER THE NYSDEC GUIDLINES FOR DEEP RIPPING AND DECOMPACTION PROVIDED IN THE BMP SECTION OF THE SWPPP.
- 13. ANY AREA DISTURBED OUTSIDE THE LIMIT OF WORK SHALL BE RESTORED TO ITS ORIGINAL CONDITION, INCLUDING REPLACING VEGETATION, AT NO COST TO THE OWNER.
- 15. PRIOR TO PROJECT CLOSEOUT, CONTRACTOR SHALL REMOVE ALL DEBRIS AND EXCESS MATERIALS FROM THE SITE. ANY DAMAGE





UTILITY NOTES

PRESSURE AND LEAKAGE TESTING OF THE WATER MAIN AND BACTERIOLOGICAL TESTING SHALL BE WITNESSED BY ALBANY WATER DEPARTMENT STAFF AND ACCEPTED BY THE WATER DEPARTMENT PRIOR TO FINAL ACCEPTANCE OF NEW WATER MAIN.

PROVIDE 48-HOUR NOTICE TO THE ALBANY WATER DEPARTMENT FOR INSPECTIONS

NOTES:

- 1. THIS WORK WILL REQUIRE MAINTENANCE AND PROTECTION OF TRAFFIC PLANS.
- 2. THIS WORK WILL REQUIRE A PERMIT FROM THE CITY OF ALBANY AND MAY REQUIRE INSPECTION.



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Grading, Drainage & **Utility Plan**

Drawing Number







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Grading, Drainage & Utility Plan

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Drawing Title Water Main Profile	
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GENERAL NOTES: 1. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY, ENGINEER AND CONTRACTOR PRIOR TO ANY SOIL

- DISTURBANCE WORK. 2. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL,
- STATE AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT. 3. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- 4. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS. WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND OR DIRECT DEPOSIT.
- 5. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED OR OTHERWISE STABILIZED TO PREVENT EROSION. 6. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE
- DRAINAGE SEWER SYSTEMS.

SEQUENCE OF CONSTRUCTION:

- 1. HOLD PRE-CONSTRUCTION MEETING WITH ENGINEER, INSPECTOR, CONTRACTOR AND CITY. 2. INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCES, TEMPORARY DIVERSIONS, AND TEMPORARY
- SEDIMENT TRAPS. 3. CONTRACTOR TO DEMOLISH EXISTING STRUCTURES, CLEAR AND GRUB THE SITE, AND PERFORM ROUGH GRADING
- INCLUDING INSTALLING ADDITIONAL EROSION CONTROL MEASURES. 4. STOCKPILE EROSION SEDIMENT CONTROL MATERIAL IN CASE OF LARGE STORM EVENTS DURING CONSTRUCTION.
- MATERIALS SHALL INCLUDE AT A MINIMUM: MULCH, STONE, SILT FENCE, AND EROSION CONTROL FABRIC. 5. EXCAVATE AND INSTALL FOUNDATIONS, PROVIDING APPROVED CONCRETE WASH-OUT AREAS AS REQUIRED.
- 6. INSTALL DRAINAGE SYSTEM BEGINNING AT THE DOWNSTREAM AREA, PROVIDE TEMPORARY DIVERSION OF STORMWATER IN TEMPORARY SWALES.
- 7. INSTALL UTILITIES, STORM SEWER STRUCTURES, AND PIPING. PROTECT STRUCTURES FROM SEDIMENTATION USING APPROVED METHODS. INSTALL OUTLET PROTECTION AND CHECK DAMS. 8. TEMPORARY SEED DISTURBED AREAS.
- 9. INSTALL ELECTRICAL AND COMMUNICATION COMPONENTS AND CONDUITS.
- 10. INSTALL BASE COURSE OF ACCESS DRIVE.
- 11. CONSTRUCT BUILDING. MAINTAIN CLEAN SITE BY MANAGING CONSTRUCTION DEBRIS. 12. CONDUCT DEEP RIPPING AND DE-COMPACTION ON AREAS THAT HAVE RECEIVED HEAVY VEHICLE TRAFFIC.
- 13. INSTALL PERMANENT STORMWATER CONTROL FACILITIES.
- 14. REMOVE SILT FROM TEMPORARY STORAGE AREAS, STRUCTURES, SUMPS, AND PIPES.
- 15. FINE GRADE AREAS AND STABILIZE GREEN SPACE.
- 16. EXERCISE WINTER SHUTDOWN PROCEDURES, IF APPLICABLE. SEQUENCING MAY VARY. 17. PAVE ASPHALT AREAS.
- 18. REMOVE TEMPORARY SEDIMENT CONTROL MEASURES, DE-COMPACT AS REQUIRED, AND SOD DISTURBED AREAS. 19. REMOVE SILT FENCE AND INLET PROTECTION UPON SITE STABILIZATION.

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Erosion and Sediment Control Plan

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Ductile Iron Service Pipe N.T.S.



1/16



- 1. PROVIDE EXPANSION JOINTS AT MIN. 30 FT. O.C. WITH PRE- FORMED JOINT FILLER.
- 2. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C. 3. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO SIDEWALK DIRECTION.











THREADED SEALED CAP -

– FINISH GRADE

DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.

2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.

	1/16	Cleanout - Landscape Area		1/16
Source: VHB	LD_300	N.T.S.	Source: VHB	LD_302





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N.T.S.



NOTES

PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

Painted Pavement Markings - On Site N.T.S. Source: VHB

1/16 LD_554

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1. ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR

2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE

3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

tion	Exit	

tion Exit	1/16
Source: VHB	LD_682



- 2. INSTALL CONCRETE WASHOUT PRIOR TO ANY CONCRETE PLACEMENT ON THE SITE.
- 3. INCLUDE A FLAT SURFACE OF 8'x8' MINIMUM WITH SIDE SLOPES NO STEEPER THAN 1:3. THE PIT SHALL BE AT LEAST 3' DEEP.
- 4. CONSIDER VEHICULAR TRACKING PAD IN AREAS WITH CLAY/FINE SOILS WHICH EASILY PRODUCE MUD.
- 5. INSPECT CWA DAILY AND MAINTAIN IN AN EFFECTIVE AND OPERATING CONDITION.
- 6. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED.
- 7. WHERE CWA HAS FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF FAILURE. 8. CWA SHALL BE REPAIRED, CLEANED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS ACCUMULATED IN PIT SHALL BE REMOVED ONCE THE MATERIALS HAVE
- REACHED A DEPTH OF 2'. 9. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND OTHER DEBRIS IN THE PIT SHALL BE TRANSPORTED FROM THE SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.
- 10. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FROM THE PROJECT HAS BEEN PLACED.
- 11. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL, SEED AND MULCH OR OTHERWISE

STABILIZED MANNER /	APPROVED BY INSPECTOR.	
Concrete Was	shout Area (CWA)	4/16
N.T.S.	Source: VHB	





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30" DIA. NOTES ACCESS STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING. × 48" DIA. MANHOLE COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL ALTERNATE TOP SLAB DEPTH OF THE STRUCTURE. (STEEL REINFORCED FOR HS-20 LOADING) FINISH GRADE -PROOFING MATERIAL. 30" DIA. ACCESS 8" 4. JOINT SEALANT BETWEEN PRECAST RUBBER. SEE NOTE 5. 5. STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL ECCENTRIC CONE SECTION SEE ALTERNAT TOP SLAB MAXIMUM) - STEPS, SEE NOTE2. - SEE NOTE 3. -----– SEE NOTE 4. RISER SECTION(: AS_REQ'D 48" DIA. MANHOLE (MIN.) _____ - FLEXIBLE WATERTIGHT GASKET OR SLEEVE - OUTLET - $O \circ \circ \circ \circ$) 0 ~ 0 . 0 SHELF TO BE SEWER - ARCH INVERT TO BE CONSTRUCTED BRICK LAID FLAT AT A WITH SEWER BRICK LAID AS SLOPE OF 1"/FOOT -STRETCHERS AND ON EDGE COMPACTED GRAVEL -- BRICK CHIP AND MORTAR OR CEMENT COMPACTED SUBGRADE -CONCRETE FILL

Source: VHB

Sanitary Sewer Manhole (SMH)

N.T.S.

- EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-
- SECTIONS SHALL BE PREFORMED BUTYL
- MORTAR BED. ADJUST TO GRADE WITH SEWER BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES

1/16

LD_200

1211 Western Avenue

1211 Western Avenue Albany, New York 12203

Site Plan Review		November 1	, 2017
Issued	l for	Date	
Designed by		Checked by	
4	P.B Submission	9/17/2018	MBT
5	City of Albany Comments	10/12/2018	MBT
6	City of Albany Water Dept. Comments	10/18/2018	MBT
7	City of Albany Engineering Comments	12/20/2018	MBT
8	City of Albany Engineering Comments	1/14/2019	MBT
9	City of Albany Engineering Comments	1/22/2019	MBT
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New York State Standards and Specifications

For Erosion and Sediment Control









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Project Number 26138.00







www.invisiblestructures.com 02/02

Invisible Structures, Inc. RS3maintenport.dwg



Pump Station Plan





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CONDUIT SCHEDULE



THE PUMP STATION SUPPLIER SHALL DEMONSTRATE, TO THE CITY'S SATISFACTION, SUCCESSFUL OPERATION OF THE PUMP STATION AND ALL RELATED COMPONENTS.

PUMP STATION CONTROL CIRCUITRY SHALL BE IN ACCORDANCE WITH THE CITY'S REQUIREMENTS.

AN ANNUNCIATOR PANEL SHALL BE PROVIDED AT THE STATION. PROVIDE A MISSION 800 ALARM SYSTEM.

ALL ELECTRICAL WORK SHALL CONFORM TO ALL STATE AND LOCAL REQUIREMENTS. CONTRACTOR SHALL USE RIGID CONDUIT FROM POWER SUPPLY TO PUMP STATION.

PUMP STATION TO BE EQUIPPED WITH A FLOW METER. FLOW METER TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND SHALL BE ACCESSIBLE BY THE CITY.

PUMP STATION SHALL BE CONNECTED TO A BACKUP POWER SUPPLY.



TYPICAL ROOF & PARAPET DETAIL SK-1 SCALE: 1/2" = 1'-0"

BLUE ROOF SHALL BE SEPARATED INTO 3 STORAGE AREAS, WITH 11,500 SQ. FT. ROUTED TO THE POROUS PAVEMENT THROUGH A 3" ORIFICE. ONE AREA OF 13,500 SQ. FT. AND ONE AREA OF 4,000 SQ. FT. SHALL BE ROUTED TO THE ROOF DRAIN EACH THROUGH THEIR OWN 3" ORIFI. LOCATIONS OF CONTRIBUTORY AREA SHALL BE DETERMINED DURING THE BUILDING PERMIT/DESIGN PHASE.

CONSTRUCTION SUBMITTAL FOR PUMP STATION, PUMPS AND UNDERGROUND STORMWATER STORAGE SYSTEM SHALL BE PROVIDED FOR REVIEW AND APPROVAL OF DESIGN ENGINEER FROM MANUFACTURER

RAINSTORE CONFIGURATION SHALL BE 4 ROWS WITH 50 CHAMBERS PER ROW

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