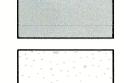
SITE SIGN TABLE						
SIGN NO.	DESC.	M.U.T.C.D NO./SIZE	QTY	COLOR*		
1	STOP	R1-1 30" X 30"	1	LEGEND: RED-RETROFLECTIVE BACKGROUND: WHITE-RETROFLECTIVE		
2	RESERVED PARKING	R7-8 12" X 18"	3	LEGEND: GREEN-RETROFLECTIVE BACKGROUND: WHITE-RETROFLECTIVE SYMBOL BACKGROUND: BLUE -RETROFLECTIVE		
3	VAN ACCESSIBLE	R7-8a 12" X 6"	1	LEGEND: GREEN-RETROFLECTIVE (OR BLACK) BACKGROUND: WHITE-RETROFLECTIVE		
4	NO PARKING ANY TIME	R7-1 12" X 18"	1	LEGEND: RED BACKGROUND: WHITE-RETROFLECTIVE		

# GENERAL SHEET NOTES

- 1. REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION.
- 2. CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MOST RECENT EDITION AS REVISED) AND AS REQUIRED BY THE TOWN OF NEWBURGH'S HIGHWAY DEPARTMENT, DURING CONSTRUCTION WITHIN THE PUBLIC R.O.W. CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL IN THE PROJECT AREA.
- 3. REQUIRED SIGNAGE AND STRIPING OF FIRE ZONES OR ACCESS LANES SHALL BE AS REQUIRED BY FIRE OFFICIAL.
- 4. PAINT ALL PARKING STALLS, STOP BARS, CROSSWALKS AND HANDICAP ACCESSIBLE SPACES. ALLOW PAVING TO AGE 30 DAYS BEFORE APPLYING MARKINGS.
- 5. DIMENSIONS SHOWN ON PLANS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 6. SOLID WASTE WILL BE PRIVATELY HANDLED. WASTE ACCUMULATED DAILY IS FROM LITTLE TO NONE AND IS DISPOSED OFF-SITE BY THE PATRONS. NO KITCHENS OR DAY CARE SERVICES WILL BE PART OF THE USE OF THE BUILDING. NO DUMPSTER OR MUNICIPAL SERVICE IS NECESSARY.
- DEMOLITION OF THE EXISTING BUILDINGS ON SITE WILL REQUIRE A DEMOLITION PERMIT FROM THE TOWN OF NEWBURGH BUILDING DEPARTMENT.

## PAVEMENT LEGEND



ASPHALT PAVEMENT



CONCRETE PAVEMENT

## SYMBOLS LEGEND

		EXISTING	PROPOSED
	PROPERTY BOUNDARY		
	BUILDING SETBACK LINE		
	BUILDING	with made with an interface from the place of particular and province of the particular and the particular a	
	EDGE OF PAVEMENT		
	CURB	AND	
	FENCE	-	
	SIGN		
	WHEEL STOP		-
	BOLLARD	•	•
	ACCESSIBLE PARKING	Ği	ði
-	LIGHT POLE (1-LIGHT)		<b>ф</b>
	HYDRANT	<b>.</b>	♦
	UTILITY POLE	Ø	¤
	PARKING SPACE COUNT		#

## □ SHEET KEYNOTES

- STANDARD ASPHALT PAVEMENT. SEE DETAIL 3/C-502
- SIDEWALK CONCRETE PAVEMENT. SEE DETAIL 6/C-501
- 18" WIDE CONCRETE EDGE. SEE DETAIL 2/C-502 ACCESSIBLE SIGNAGE AND STRIPING PER AHJ STANDARDS. FACE OF
- SIGN SHALL BE A MINIMUM OF 2' FROM EDGE OF CURB. SEE DETAILS 2, 3, 4, AND 5, SHEET C-501 5. STONE ENTRANCE WALLS AND MONUMENT SIGN. SEE DETAIL SHEET
- 10'x18' STRIPED PEDESTRIAN ACCESS. SEE DETAIL 3/C-501 6" VERTICAL TURNDOWN SIDEWALK PAVEMENT. SEE DETAIL 7/C-501 8. 6" VERTICAL REVEAL CURB, TAPERED TO FLUSH AT EACH END. SEE
- DETAIL 8/C-501 9. 4" WIDE TRAFFIC WHITE STRIPING, TYP. SEE DETAIL 1/C-501
- RESERVED
- 11. EXISTING ABANDONED HOUSE TO BE REMOVED 12. EXISTING ABANDONED GARAGE TO BE REMOVED
- 13. EXISTING GRAVEL DRIVE AND SIDEWALK TO BE REMOVED
- 14. EXISTING DUG WELLS TO BE DECOMMISSIONED PER NYSDEC "WATER SUPPLY WELL DECOMMISSIONING RECOMMENDATIONS" AND NYSDOH "INDIVIDUAL WATER SUPPLY WELLS - FACT SHEET #4"
- 15. CONCRETE HVAC PAD. SEE ARCHITECTURAL PLANS. PROPOSED TREE LINE
- 17. PROPOSED SLIDE GATE. SEE DETAIL 12/C-501
- 18. PROPOSED DEDICATION OF 25' RIGHT-OF-WAY 19. SIGHT DISTANCE MEASUREMENTS
- 20. 6" VERTICAL ASPHALT WING CURB. SEE DETAIL 9/C-501
- 21. STOP SIGN, SEE DETAIL 11/C-501
- 22. STOP BAR, SEE DETAIL 10/C-501
- 23. NO PARKING SIGN, SEE DETAIL 11/C-501
- 24. CHAIN-LINK FENCE WITH BLACK VINYL PRIVACY SLATS, SEE DETAIL
- 13/C-501. LOCATE FENCE AT +/- ELEVATION 299.5 AFTER BASIN GRADING IS COMPLETED. ADJUST LENGTH AND LOCATION IN THE FIELD AS NEEDED TO MAINTAIN A UNIFORM ELEVATION FOR THE FENCE AROUND THE STORM WATER MANAGEMENT FACILITIES

CIVIL ENGINEER

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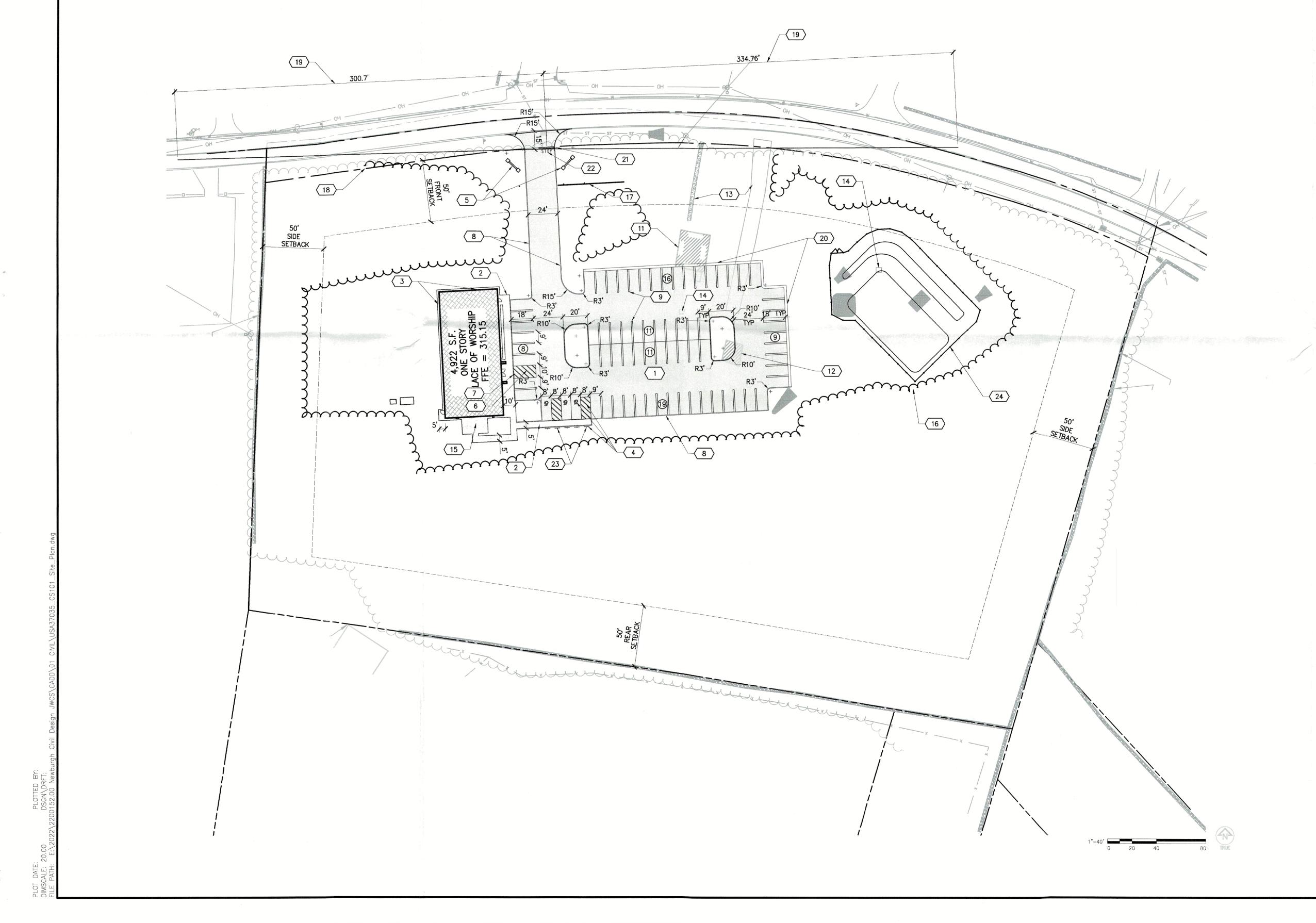
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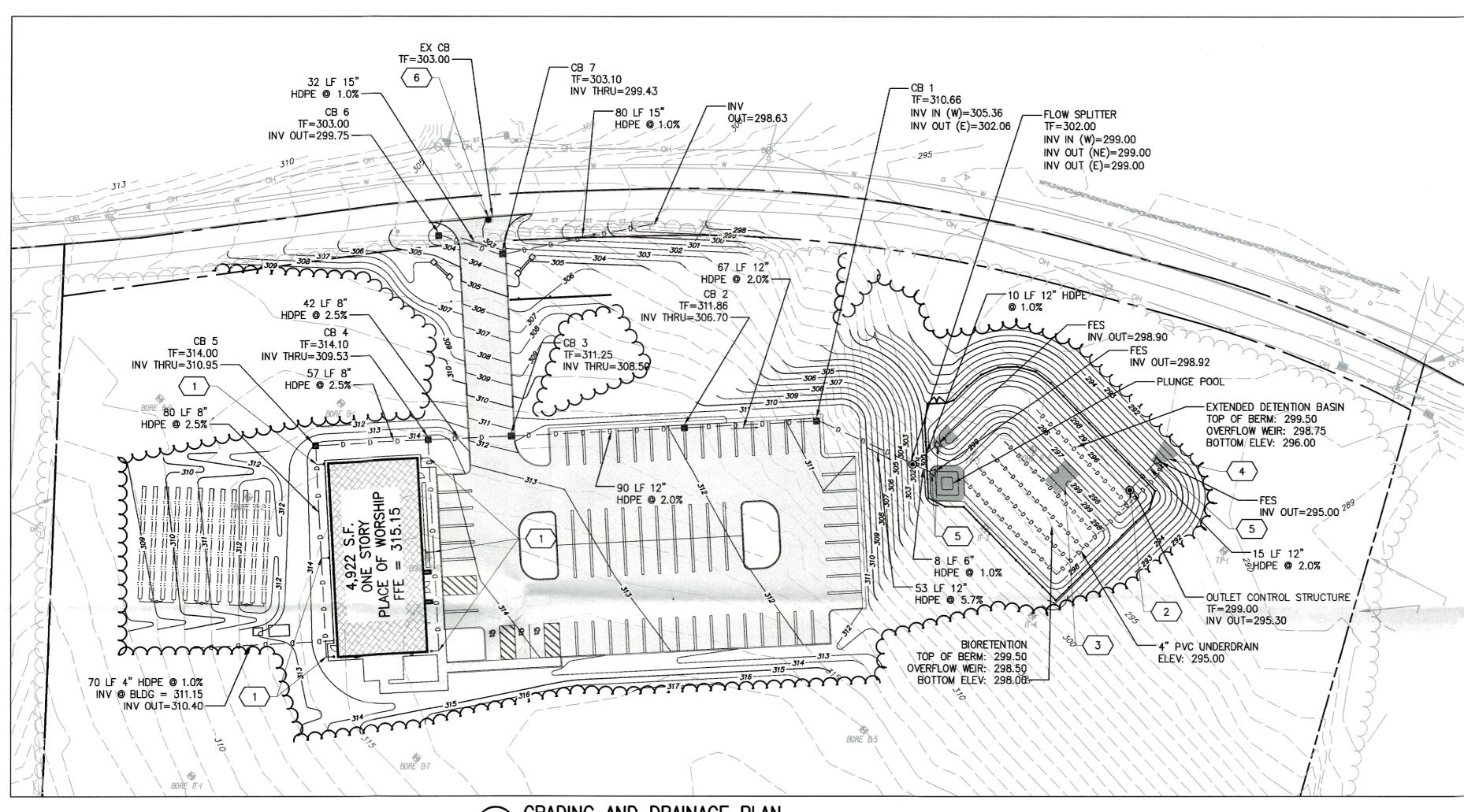
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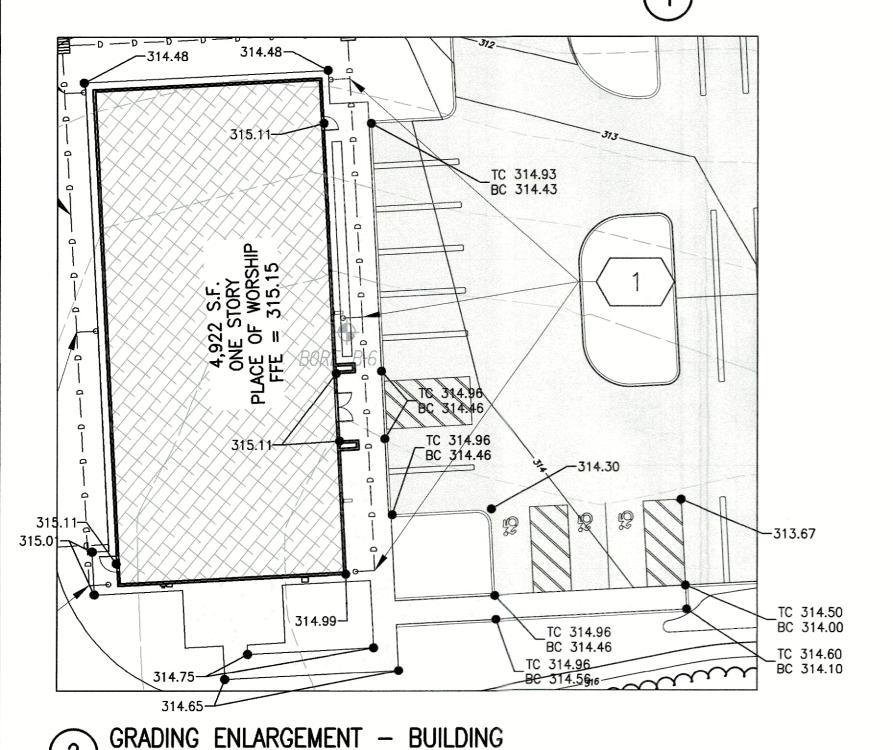
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SITE PLAN





GRADING AND DRAINAGE PLAN



## GENERAL EARTHWORK NOTES

- 1. FOR ADDITIONAL INFORMATION ABOUT SITE-SPECIFIC SOILS AND ENGINEERING RECOMMENDATIONS, PLEASE REFER TO THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY GIFFORD ENGINEERING, DATED 3/4/2020. IN CASE A NOTE ON THESE PLANS CONFLICTS WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS, THE MORE STRINGENT OF THE TWO SHALL APPLY.
- PRIOR TO COMMENCEMENT OF GRADING OR FILL PLACEMENT, ANY MISCELLANEOUS TRASH, DEBRIS, OR OTHER UNSUITABLE MATERIALS SHOULD BE REMOVED FROM THE SITE. CLEARING AND GRUBBING OF ALL TREES (INCLUDING REMOVAL OF ANY ASSOCIATED ROOT SYSTEMS) AND VEGETATION DESIGNATED FOR REMOVAL SHOULD BE PERFORMED.
- TOPSOIL SHOULD BE STRIPPED FROM THE PROPOSED BUILDING AND PAVEMENT AREAS. BASED ON THE GEOTECHNICAL INVESTIGATION, THE SITE CONTAINS BETWEEN 4 AND 8 INCHES OF TOPSOIL. AT THIS TIME, WE ANTICIPATE THAT THE TOPSOIL CAN BE USED IN PROPOSED LANDSCAPED AREAS; THE REUSE OF THE ONSITE TOPSOIL SHOULD BE EVALUATED BY A QUALIFIED LANDSCAPE ARCHITECT WITH REGARDS TO NUTRIENT LEVELS, GRAIN SIZE, PH, ETC. TOPSOIL DEEMED UNSUITABLE FOR REUSE SHOULD BE PROPERLY DISPOSED IN AREAS NOT REQUIRING STRUCTURAL FULL. CONFIRM WITH ENGINEER OF RECORD BEFORE EXPORTING MATERIAL OFFSITE (IF REQUIRED).
- ANY FORMER CONCRETE FOUNDATIONS AND FLOOR SLABS AND ABANDONED UTILITIES THAT ARE ENCOUNTERED BENEATH PROPOSED BUILDINGS SHOULD BE COMPLETELY REMOVED. FORMER CONCRETE FOUNDATIONS AND FLOOR SLABS SHOULD BE CUT TO A MINIMUM OF 3 FEET BELOW PROPOSED SUBGRADE LEVELS IN PROPOSED PAVEMENT AND LANDSCAPE AREAS.
- EXISTING UTILITIES THAT CONFLICT WITH NEW CONSTRUCTION SHOULD BE REMOVED FROM PROPOSED BUILDING FOOTPRINT AREA. EXISTING UTILITIES LOCATED OUTSIDE OF THE PROPOSED BUILDING FOOTPRINT SHOULD BE REMOVED OR ABANDONED IN-PLACE BY COMPLETE FILLING WITH GROUT, EXCAVATIONS MADE TO REMOVE FOUNDATION ELEMENTS OR UTILITIES SHOULD BE BACKFILLED WITH APPROVED COMPACTED FILL AS DESCRIBED IN THE ENGINEERED FILL SECTION OF THE GEOTECHNICAL REPORT.
- ANY EXISTING PAVEMENT AND CONCRETE WALKWAYS THAT ARE NOT PART OF THE FINAL DESIGN LAYOUT SHOULD BE DEMOLISHED IN THEIR
- ALL CLEARING AND STRIPPING ACTIVITIES SHOULD BE PERFORMED IN STRICT ACCORDANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLANS. ALL SITE DEMOLITION AND SITE PREPARATION WORK SHOULD BE PERFORMED IN ACCORDANCE WITH ANY ENVIRONMENTAL
- ALL WORK SHOULD BE PERFORMED SO AS TO NOT ADVERSELY IMPACT THE EXISTING AND NEIGHBORING BUILDINGS, OFFSITE STRUCTURES, ROADWAYS, OR UTILITIES.
- CONSULT WITH THE GEOTECHNICAL ENGINEER BEFORE ADJUSTING RECOMMENDATIONS AS MAY BE NEEDED BASED ON ACTUAL CONDITIONS ENCOUNTERED ONSITE THAT MAY DIFFER FROM WHAT WAS ENCOUNTERED DURING THE INVESTIGATION.

## PROOF-ROLLING NOTES

ALL BUILDING PAD AND PAVEMENT SUBGRADE SURFACES EXPOSED AFTER THE STRIPPING OF THE VEGETATION AND THE WEAK SURFICIAL SOILS, AS WELL AS ALL AREAS OF THE SITE PLANNED FOR THE PLACEMENT OF GENERAL FILL SOILS, SHOULD BE PROOF-ROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC WEIGHT OF 5 TONS OR A FULLY LOADED TANDEM DUMP TRUCK OR EQUIVALENT. ANY SOFT OR WEAK AREAS IDENTIFIED BY THE QUALIFIED SITE INSPECTOR WORKING IN COORDINATION WITH THE CIVIL ENGINEER DURING PROOF-ROLLING SHOULD BE REMOVED AND REPLACED WITH SELECT FILL SOILS OR GENERAL FILL SOILS, DEPENDING UPON THE AREA, THAT ARE INSTALLED IN ACCORDANCE WITH RECOMMENDATIONS PRESENTED IN "SITEWORK" SECTION OF THE GEOTECHNICAL REPORT. THE REASONS FOR PROOF-ROLLING OF THE SUBGRADE IS THAT SOME SOILS HAVE BEEN FOUND TO COMPACT TO MINIMUM DENSITY REQUIREMENTS BUT TO STILL EXHIBIT "PUMPING" TENDENCIES. PROOF-ROLLING OF THE SUBGRADE SHOULD IDENTIFY THE SOILS THAT HAVE A TENDENCY TO PUMP SO THAT THEY CAN BE REMOVED AND REPLACED WITH MORE SUITABLE FOUNDATION SOILS APPROVED BY THE GEOTECHNICAL ENGINEER.

# STRUCTURAL FILL NOTES

STRUCTURAL FILL SHALL BE AS SPECIFIED IN THE EARTH MOVING SPEC SECTION 31200 "ENGINEERED FILL".

## COMPACTION TESTING NOTES

- COMPACTION AND MOISTURE CONTENT OF SUBGRADE AND EACH LIFT OF STRUCTURAL FILL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED ENGINEERING TECHNICIAN, SUPERVISED BY A GEOTECHNICAL ENGINEER.
- SUBGRADE COMPACTION TESTS SHOULD BE PERFORMED AT AN AVERAGE RATE OF ONE TEST FOR EVERY 2,000 SF OF BUILDING PAD SUBGRADE AREA OR VERY 5,000 SF OF PAVEMENT OR GENERAL FILL AREA, WITH A MINIMUM OR THREE TESTS BEING PERFORMED FOR EACH DISTINCT SUBGRADE AREA.

FILL AREA	PERCENT MAX DENSITY PER ASTM D698	PERCENT MAX DENSITY PER ASTM D1557
FOUNDATION SUPPORT FILL	98%	95%
FOUNDATION BACKFILL	98%	95%
SLAB-ON-GRADE, PAVED AREAS	98%	95%
NON-STRUCTURAL AREAS, GREEN AREAS	92%	90%

# □ SHEET KEYNOTES

- 8" HDPE CONNECTED TO DOWNSPOUT (0.8% SLOPE). SEE DETAIL 2/C-503
- OUTLET CONTROL STRUCTURE. SEE DETAIL 9/C-503
- RIP-RAP SPILLWAY. SEE DETAIL 6/C-503
- RIP-RAP APRON. SEE DETAIL 8/C-502
- FLARED END SECTION. SEE DETAIL 5/C-503 REPLACE EXISTING CATCH BASIN FRAME AND GRATE WITH NEW FRAME AND
- SOLID COVER.

### GENERAL GRADING NOTES

- 1. REFER TO C-001 COVER SHEET FOR GENERAL NOTES REFERENCING SURVEY INFORMATION, DATUMS, GENERAL PROJECT AND CONSTRUCTION INFORMATION
- CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- 3. YARD AREAS, SIDEWALKS AND PAVEMENT SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS. FINISHED SURFACES SUCH AS ALL PAVING, SIDEWALKS AND RAMPS IN ACCESSIBLE AREAS SHALL CONFORM TO FEDERAL AND NEW YORK STATE ACCESSIBILITY STANDARDS. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS AND WITH THE FOLLOWING:
- 3.1. PARKING AND LOADING AREAS MAXIMUM SLOPE OF 1:50 (2%) IN ALL DIRECTIONS IN ACCESSIBLE PARKING SPACES AND AISLES. ACCESSIBLE ROUTES - MAXIMUM SLOPE OF 1:20 (5%) IN THE DIRECTION OF TRAVEL. MAXIMUM CROSS SLOPE OF 1:50 (2%). BUILDING ENTRANCES AND EXITS - AT ALL LOCATIONS 5'X5' (MINIMUM) ACCESSIBLE, CONCRETE WALK WITH A MAXIMUM SLOPE OF 1:50 (2%) IN ALL DIRECTIONS.
- CONTRACTOR SHALL GRADE THE SITE TO MATCH EXISTING GROUND AT THE LIMITS OF THE PROJECT SITE. ALL DRAINAGE ENTERING THE PROJECT AREA SHALL BE INTERCEPTED IN THE FINAL GRADING. TRANSITIONS TO EXISTING GROUND THAT ARE DIFFERENT FROM THE PLANS SHALL BE COORDINATED PRIOR TO FINAL GRADING. LAWN AREAS TO BE MOWED SHOULD NOT EXCEED A SLOPE OF 4:1.
- ALL AREAS WITHIN THE PROJECT SITE SHALL BE GRADED TO DRAIN TO ON-SITE STORM SEWERS OR TO THE PUBLIC R.O.W. THE DEVELOPMENT SHALL NOT HAVE ANY ADVERSE IMPACTS TO SURROUNDING PROPERTIES.

## STORM DRAINAGE CONSTRUCTION NOTES

- 1. CONSTRUCTION IN STORM SEWER AND DRAINAGE EASEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S REQUIREMENTS.
- SPECIFICATIONS:
- PIPES WITHIN THE PUBLIC R.O.W.: PIPE SHALL BE CLASS III, WALL B, REINFORCED CONCRETE PIPE IN ACCORDANCE WITH ASTM C76. PIPES WITHIN PROPERTY:
- 4" AND GREATER SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH SOIL-TIGHT JOINTS IN ACCORDANCE WITH ASTM F2648 WITH RUBBER GASKETS MEETING ASTM F477 WITH FITTINGS IN ACCORDANCE WITH ASTM F2306 UNLESS OTHERWISE SPECIFIED. INSTALLATION OF HDPE STORM SEWERS SHALL BE IN ACCORDANCE WITH ASTM D2321 IN ALL CASES, CHANGES IN PIPE SIZE OR TYPE SHALL OCCUR AT AN APPROVED STRUCTURE. MANHOLES:
- USE ROUND CONCRETE MANHOLES WITH ECCENTRIC CONES WITH 24" OPENING IN ACCORDANCE WITH ASTM C478, RUBBER GASKETS IN ACCORDNACE WITH C433 AND STEPS IN ACCORDANCE WITH CATCH BASINS:
- USE SQUARE CONCRETE BOX IN ACCORDANCE WITH ASTM C913 WITH RUBBER GASKETS IN ACCORDANCE WITH C433 AND STEPS IN ACCORDANCE WITH ASTM C497. FRAMES AND COVERS:
- SHALL BE IN ACCORDANCE WITH AASHTO M105.
- 3. CONTRACTOR SHALL VERIFY ALL FLOWLINE OR INVERT ELEVATIONS 48 HOURS PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. IF A DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- 4. ROOF DRAINAGE TO BE DIRECTED FROM BUILDING TO STORM SYSTEM VIA DOWNSPOUTS.

## SYMBOLS LEGEND

SURVEY BENCHMARK

	EXISTING	PROPOSED
CONTOUR-MAJOR	2.50	2.50
CONTOUR-MINOR		2.50
STORM SEWER		
TOP OF BANK	The second secon	
SPOT GRADE	×2.50	<sub>+</sub> 2.50
SPOT GRADE TOP OF CURB	× <sup>TC2.50</sup>	+TC2.50
DIRECTION OF WATER FLOW	<del></del>	<del></del>
DOWN SPOUT	O D.S	O D.S
CATCH BASIN - NO CURB PIECE	Comments of the comments of th	
CURB INLET		
STORM MANHOLE	0	•
FLARED END SECTION		
RIP RAP APRON		
HEADWALL		

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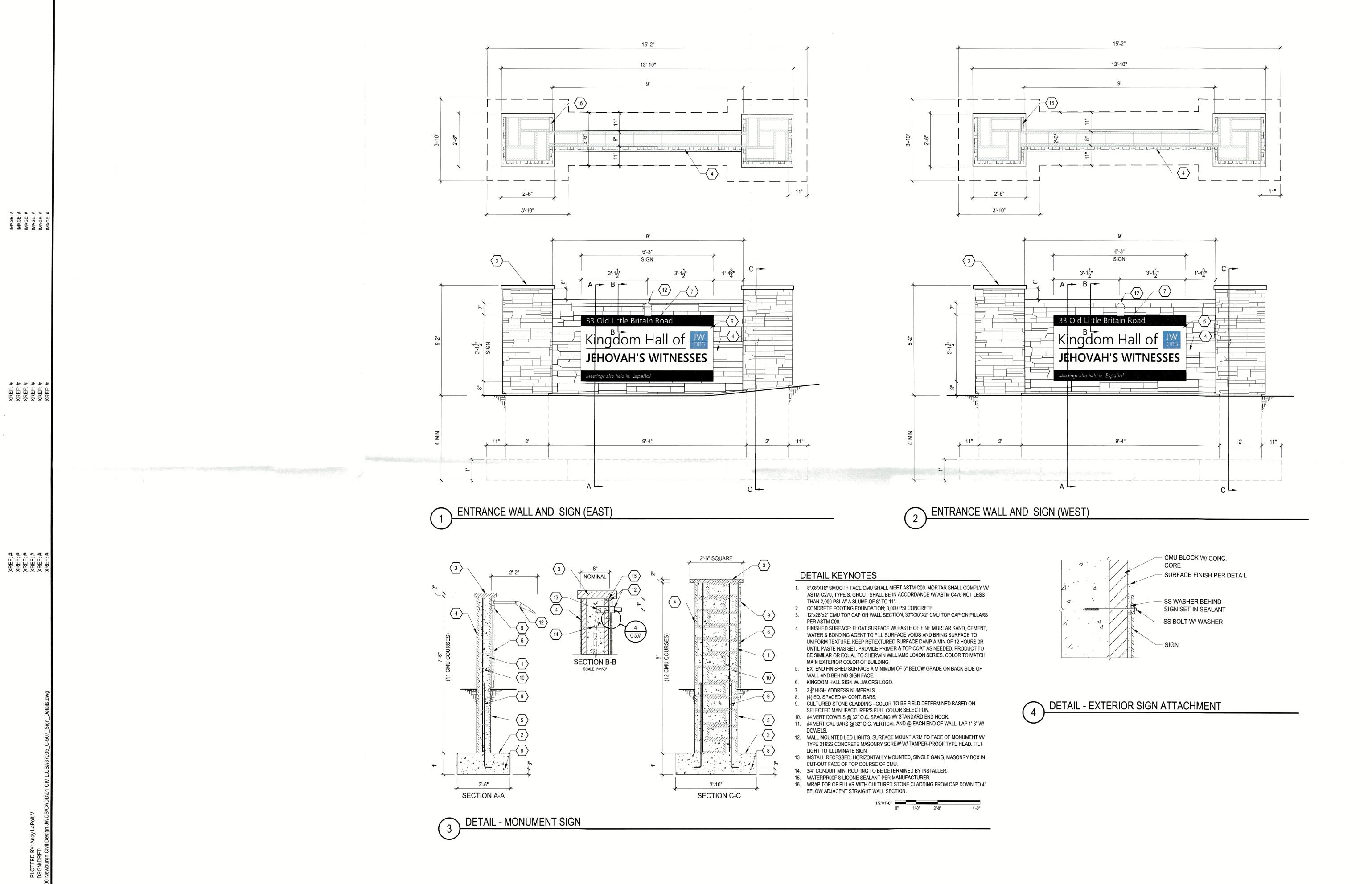
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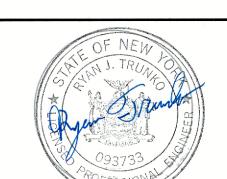


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NEWBURGH, NY 12550

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ENTRANCE SIGN DETAILS

OJECT No. 37147

C-507