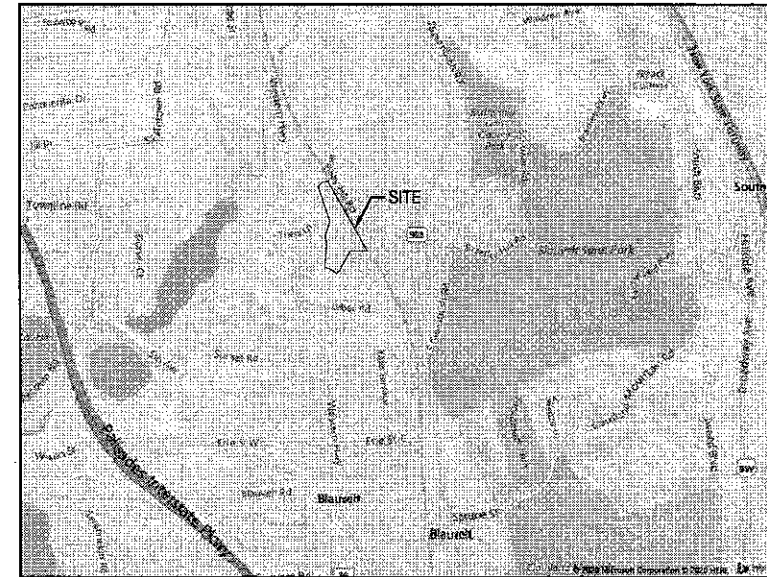
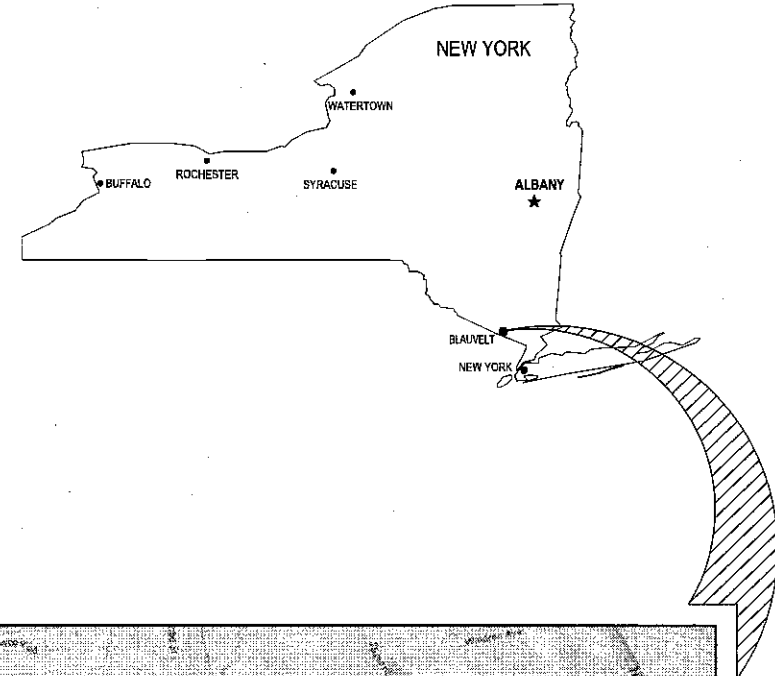


PRIVATE SITE IMPROVEMENT PLANS FOR DXY4 - DELIVERY STATION

200 & 400 ORITANI DRIVE
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
AUGUST 2020



VICINITY MAP
1" = 2,000'

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L1.0	LANDSCAPE PLAN
L2.0	LANDSCAPE DETAILS AND NOTES

ADDITIONAL REFERENCE DRAWINGS:

1 OF 1	PHOTOMETRIC PLAN
A1 - 15	BUILDING FLOOR PLAN & ELEVATION
-	ENVIROHOOD BROCHURE
-	STRUCTURAL DRAWINGS

ORIGINAL SURVEY DRAWINGS:

1 OF 6	SURVEY FROM BLEW & ASSOCIATES
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BENCHMARK

	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.56 FT	816892.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.46 N, 641528.88 E

SURVEY (DATED 10/31/2019) BY:

BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 582-1883
CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAD 1983 DATUM)

FLOODPLAIN DESIGNATION:

ACCORDING TO F.I.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

PLANS PREPARED BY CESO CO.

3801 RIGBY ROAD SUITE 300
MIAMI, OH 45342
ENGINEER OF RECORD: JEFFREY A. TIBBITTS, P.E.

PROJECT CONTACT:

JEFF DE ZORT, P.E.
PHONE: (407) 879-2081
EMAIL: DEZORT@CESOINC.COM

GOVERNING AGENCIES AND UTILITY COMPANIES:

WATER / SEWER / STORMWATER

TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL
MANAGEMENT AND ENGINEERING
SEWER DEPARTMENT - 127 ROUTE 303
ORANGETOWN, NY 10962
PHONE: (845) 359-6251

GAS & ELECTRIC:

ORANGE AND ROCKLAND UTILITY COMPANY
390 W. ROUTE 59
SPRING VALLEY, NY 10977
PHONE: (877) 434-4199

COMMUNICATIONS:

VERIZON
500 SUMMIT LAKE DR.
VALHALLA, NY 10595
PHONE: (914) 741-7395

PLANNING COMMISSION

TOWN OF ORANGETOWN PLANNING COMMISSION
20 GREENBUSH ROAD
ORANGETOWN, NY 10962

STATE AGENCIES

NYSDEC - REGION 3
21 SOUTH PLATT CORNERS ROAD
NEW PALTZ, NY 12561
(845) 296-3000

NYS DOT - REGION 8

LANCE GORNEY
4 BURNETT BOULEVARD,
POUGHKEEPSIE, NY 12603
PHONE: (845) 437-3325
EMAIL: LANCE.GORNEY@DOT.NY.GOV

PROPERTY DATA:

PARCEL OWNER:	AG-OE 577 WESTERN HIGHWAY OWNER, LLC	AG-OE 200 ORITANI DRIVE OWNER, LLC.	AG-OE 400 ORITANI DRIVE OWNER, LLC.
PARCEL ID:	T.M. 65.18-1-1	T.M. 65.18-4-22	T.M. 70.05-1-1.12
ADDRESS:	877 WESTERN HWY, BLAUVELT, NY 10913	200-300 ORITANI DRIVE, BLAUVELT, NY 10913	400 ORITANI DRIVE, BLAUVELT, NY 10913
PROPERTY AREA:	3.347 ACRES	9.750 ACRES	24.513 ACRES
PROPOSED USE:	LABORATORY-OFFICE DISTRICT [L.O.]	LABORATORY-OFFICE DISTRICT [L.O.]	LABORATORY-OFFICE DISTRICT [L.O.]

NO.	DATE	REVISION DESCRIPTION
1		FOR PERMIT
2		REVISION FOR TOWNSHIP COMMENTS
3		REVISION FOR TOWNSHIP COMMENTS
4		REVISION FOR TOWNSHIP COMMENTS
5		REVISION FOR TOWNSHIP COMMENTS
6		REVISION FOR TOWNSHIP COMMENTS
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18		REVISION FOR TOWNSHIP COMMENTS
19		REVISION FOR TOWNSHIP COMMENTS
20		REVISION FOR TOWNSHIP COMMENTS

DELIVERY STATION



08/07/2020	ISSUE:
	FOR PERMIT
	DATE:
08/04/20	
JOB NO.:	757184
SCALE:	AS SHOWN
DESIGN:	T. LEJA
DRAWN:	S. BAILEY
CHECKED:	J. KOCINSKI
DRAWING TITLE:	

COVER

SHEET NO.
C1.0



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

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200 & 400 ORITANI DRIVE, BLAUVELT, NY 10913

GENERAL NOTES

DEMOLITION NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL. THE DEMOLITION, REMOVAL AND DISPOSAL IS TO BE APPROVED BY ALL GOVERNING AUTHORITIES. OF ALL FACILITIES SUCH AS: STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING DRIVES, DRAINAGE STRUCTURES, UTILITIES, WELLS, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. IF UNDOCUMENTED FACILITIES ARE FOUND ON SITE, CONTRACTOR SHALL CONTACT THE OWNER AND UTILITY COMPANY PRIOR TO REMOVAL. ALL FACILITIES SHALL BE PLUGGED, ABANDONED, OR REMOVED PER STATE AND LOCAL REQUIREMENTS.
- FEDERAL, STATE AND LOCAL CODE REQUIREMENTS SHALL GOVERN THE DISPOSAL OF DEBRIS INCLUDING ANY POTENTIALLY HAZARDOUS AND TOXIC MATERIALS. ALL MATERIALS AND STRUCTURES DESIGNATED AS "TO BE REMOVED" SHALL BE DISPOSED OFF SITE AND AT THE COST OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING JOB SITE SAFETY PER OSHA REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL STATE 811 AND ALL UTILITY COMPANIES TO SCHEDULE UTILITY SERVICE REMOVAL AND/OR ABANDONMENT. ALL UTILITIES SHALL BE REMOVED AND/OR RELOCATED PER THE SPECIFICATIONS OF THE UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE TO PAY ALL FEES AND CHARGES ASSOCIATED WITH THIS WORK.
- CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO INHABITED BUILDINGS ON SITE AND ADJACENT PROPERTIES AT ALL TIMES. INTERRUPTIONS SHALL BE APPROVED BY THE OWNERS OF THE BUILDINGS/PROPERTIES.
- THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES. IF EXISTING SYSTEMS LOCATION OR ELEVATION IS FOUND TO BE DIFFERENT FROM THE PLANS, CONTRACTOR SHALL CONTACT THE ENGINEER.
- CONTRACTOR SHALL PROTECT EXISTING SITE FEATURES TO REMAIN OUTSIDE CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE CITY/COUNTY PRIOR TO CONSTRUCTION START. THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, CURB, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN, EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- CONTINUOUS ACCESS SHALL BE MAINTAINED TO THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION REGULATIONS AND LOCAL REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING CONSTRUCTION FENCE, SIGNS, ETC. TO WARN AND KEEP UNAUTHORIZED PEOPLE OFF SITE FOR THE DURATION OF THE PROJECT.
- PRIOR TO DEMOLITION, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED PER THE GOVERNING AGENCIES GUIDELINES AND STANDARDS. DUST CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SAWCUT LINE PROVIDED IS FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING THE EXTENT OF THE SAWCUT THAT WILL BE REQUIRED AS WELL AS PAVEMENT REPAIRS TO INSTALL UTILITY TRENCHING. IF ANY DAMAGE OCCURS ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THAT WHICH IS NECESSARY TO COMPLETE THE INTENT OF THE PROPOSED IMPROVEMENTS. SAWCUT EXISTING PAVEMENT TO FULL DEPTH, USING CARE TO CUT NEAT, STRAIGHT LINES. CUT AT EXISTING JOINTS WHERE POSSIBLE.
- THE CONTRACTOR SHALL MAINTAIN A WELL-DRAINED SITE, FREE OF STANDING WATER DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DRAINAGE MEASURES DURING CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO STUDY THE PLANS AND VISIT THE SITE TO DETERMINE THE ITEMS THAT MUST BE REMOVED TO COMPLY WITH THE SITE DEVELOPMENT PLANS. NO EXTRA FEE WILL BE PAID FOR THE REMOVAL OF ANY ITEM NOT LISTED THAT IS VISIBLE UPON A SITE VISIT. THE DEMOLITION PLAN IS INTENDED TO PRESENT THE SCOPE OF THE DEMOLITION, AND DOES NOT GUARANTEE THAT ALL ITEMS ARE ADDRESSED.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL SITE DEVELOPMENT WORK, PAY ALL FEES FOR PERMITS AND CHECK ALL GOVERNING AUTHORITIES' SPECIFICATIONS FOR BUT NOT LIMITED TO, GUTTERS, SIDEWALKS, POLES, AND OTHER STRUCTURES, INCLUDING THE REMOVAL OR RELOCATION OF EXISTING UTILITIES OR OTHER PHYSICAL OBJECTS SHOWN ON PLANS OR NOTED OTHERWISE.
- THE CONTRACTOR SHALL CREATE AND IMPLEMENT AN EROSION AND SEDIMENTATION CONTROL PLAN FOR ALL SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT. THE PLAN MUST CONFORM TO THE EROSION AND SEDIMENTATION REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT OR LOCAL STANDARDS AND CODES, WHICHEVER IS MORE STRINGENT.
- ALL REQUIRED PERMITS MUST BE OBTAINED FROM THE FIRE DEPARTMENT PRIOR TO START OF CONSTRUCTION.
- ALL COSTS FOR INSPECTIONS AND/OR TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS NOTED OTHERWISE.

SITE NOTES

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- ALL MATERIAL NOTED ON DRAWINGS WILL BE SUPPLIED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS TO COORDINATE ACCESS POINTS AND ELEVATIONS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF DOORS, ENTRY RAMP, AND CANOPY.
- ACCESSIBILITY STANDARDS SHALL BE IN ACCORDANCE WITH FEDERAL AND LOCAL REQUIREMENTS FOR HANDICAP ACCESSIBILITY, INCLUDING BUT NOT LIMITED TO THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES. ADA PARKING STALLS SHALL MEET ADA GRADE GUIDELINES. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AT ACCESS POINTS, ACCESSIBLE ROUTES, AND EXISTING PARKING TO REMAIN TO DETERMINE COMPLIANCE WITH STANDARDS.
- ALL DISTURBED AREAS ARE TO RECEIVE 6" OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- ALL DIMENSIONS AND RADII ARE TO THE FACE OF THE CURB OR EDGE OF PAVEMENT, AS APPLICABLE, UNLESS OTHERWISE NOTED.
- ALL CURB RADII ARE 6 FEET UNLESS OTHERWISE NOTED.
- PROVIDE STRIPING AS SHOWN. REFER TO SIGNAGE AND STRIPING PLANS.
- REFER TO ARCHITECTURAL PLANS FOR PROPOSED BUILDING SIGNAGE.
- REFER TO MECHANICAL PLANS FOR EQUIPMENT LAYOUT.
- REFER TO ELECTRICAL PLANS FOR ELECTRICAL WORK.
- REFER TO GEOTECHNICAL ENGINEERING REPORT FOR SITE WORK PREPARATION/RECOMMENDATIONS AND PAVEMENT SECTIONS.
- REFER TO ORIGINAL SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. DATED; 10/31/2019 FOR ADDITIONAL INFORMATION.

GRADING NOTES

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- THE TOPOGRAPHIC SURVEY WAS PERFORMED BY A REGISTERED LAND SURVEYOR. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE EPA OR APPLICABLE STATE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- EXISTING AND PROPOSED GRADE CONTOUR INTERVALS ARE SHOWN AT 1 FOOT INTERVALS.
- ALL SPOT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
- PROVIDE 2% MAXIMUM CROSS SLOPE ON SIDEWALKS AND ALL ADA PARKING STALLS/AREAS.
- MAINTAIN EXISTING DRAINAGE PATTERN THROUGHOUT THE SITE, EXCEPT WITHIN LOD.
- COORDINATE GRADES AT BUILDING ENTRIES WITH ARCHITECTURAL PLANS.
- EXISTING DRAINAGE STRUCTURES SHALL BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES ARE TO BE CLEANED TO REMOVE ALL SILT AND DEBRIS AFTER CONSTRUCTION IS COMPLETE.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND PAVED AREAS.
- ALL TOPSOIL MUST BE REMOVED BEFORE FILL IS PLACED.
- ALL WET, OR OTHERWISE UNSUITABLE, SOILS MUST BE STABILIZED. THIS MAY BE ACCOMPLISHED BY DRYING, REMOVAL & REPLACEMENT, REMOVAL & DRYING & RECOMPACTION, OR SOIL TREATMENT (LIME/CEMENT) UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL GEOTECHNICAL ENGINEER.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 6" OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER AND SEED WITH LOW MAINTENANCE GRASS SEED MIX. CONTRACTOR SHALL SEED DISTURBED AREAS IN ACCORDANCE WITH SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. ALL EXPOSED SURFACE AREAS SHALL BE STABILIZED PER THE SWPPP AND LANDSCAPE REQUIREMENTS AS PART OF THIS SET.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS SOIL TIGHT.
- ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT FROM INVERT IN TO INVERT OUT.
- STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

MATERIAL	TYPE	PIPE SPEC	JOINT SPEC	INSTALLATION	ACCEPTABLE AREAS OF USE
REINFORCED CONCRETE PIPE (RCP)	CLASS IV	ASTM C-76	ASTM C443	ASTM C1479	WITHIN R/W, ALL SEWERS < 2' OF COVER
HIGH DENSITY POLY-ETHYLENE (HDPE)	SMOOTH-WALLED CORRUGATED ADS-N12 OR EQUAL	AASHTO M281 (TYPE S)	ASTM F477	ASTM D2321	ON SITE, 12" TO 60" DIA.
POLY VINYL CHLORIDE (PVC)	SDR 35	ASTM D3034	ASTM D3212	ASTM D2321	ON SITE, 4" TO 10"

- ALL STORM SEWER STRUCTURE GRATES AND FRAMES WITHIN PAVEMENT SHALL BE HEAVY DUTY.
- ALL STORM DRAINAGE SHALL BE PERFORMED IN ACCORDANCE WITH TOWN OF ORANGETOWN AND NEW YORK STATE STANDARDS.
- ALL DOWNSPOUT DRAINS ARE TO HAVE A 1.04% MINIMUM SLOPE UNLESS OTHERWISE NOTED. CONNECT DOWNSPOUTS TO THE EXISTING STORM SEWER SYSTEM. REFER TO ARCHITECTURAL PLANS FOR DOWNSPOUT LOCATIONS. PROVIDE POSITIVE DRAINAGE AND PAVEMENT REPAIR AS NEEDED.
- ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- THE STORM SEWER GRADE WILL BE SUCH THAT A MINIMUM COVER IS MAINTAINED TO WITHSTAND AASHTO HS-25 LOADING ON THE PIPE. PROVIDE MINIMUM 2.0 FEET OF COVER FOR ALL STORM SEWERS UNLESS OTHERWISE NOTED.
- WHEN A SANITARY SEWER MAIN LIES ABOVE A STORM SEWER, OR WITHIN 18 INCHES BELOW, THE SANITARY SEWER WILL HAVE AN IMPERVIOUS ENCASEMENT OR BE CONSTRUCTED OF STRUCTURAL SEWER PIPE FOR A MINIMUM OF 10 FEET ON EACH SIDE OF WHERE THE STORM SEWER CROSSES.
- IF EXISTING FIELD TILES ARE ENCOUNTERED DURING CONSTRUCTION THEY SHALL BE REPAIRED AND/OR TIED INTO A STORM SEWER SYSTEM AS NEEDED TO MAINTAIN POSITIVE DRAINAGE.

UTILITY NOTES

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
- THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF O.S.H.A. DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR O.S.H.A.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY REGULATIONS AND THE OWNER'S INSPECTION AUTHORITIES.
- CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITY'S INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
- WATER AND SANITARY UTILITIES SHALL HAVE TEN (10) FEET OF CLEARANCE (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE). THE CROSSING SHALL BE ARRANGED SO THAT THE SANITARY SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER LINE JOINTS.
- IF A WATER LINE PASSES UNDER THE SANITARY SEWER LINE, THE SEWER LINE SHOULD BE CONSTRUCTED OF A WATERTIGHT MATERIAL APPROVED BY THE REGULATORY AGENCY FOR USE IN WATER MAIN CONSTRUCTION AND SHALL EXTEND TEN (10) FEET ON BOTH SIDES OF THE CROSSING, AS MEASURED PERPENDICULAR TO THE MAIN. ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO MAINTAIN LINE AND GRADE.
- PIPES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY REGULATIONS AND THE OWNER'S INSPECTION AUTHORITIES.
- UTILITY TRENCHES WITHIN PAVED AREAS TO BE BACKFILLED PER SEWER BEDDING DETAIL ON CONSTRUCTION DETAILS SHEET AND GEOTECHNICAL REPORT.
- ALL WATER LINE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF ORANGETOWN CONSTRUCTION STANDARDS AND STATE REGULATIONS.
- PROVIDE WATER LINE A MINIMUM OF 8'-0" OF COVER.

15. WATER LINE MATERIAL FOR DOMESTIC WATER SERVICE SHALL BE AS FOLLOWS:

MATERIAL	PRESSURE RATING	PIPE SPEC	FITTINGS	INSTALLATION	ACCEPTABLE AREAS OF USE
DUCTILE IRON PIPE 4'-12"	CLASS 52 P.C. = 350PSI	AWWA C104, C110, C151, C500	AWWA C111	AWWA C600, C651	DOMESTIC & FIRE WATER LINES 4'-12"
COPPER 1'-3"	TYPE K	ASTM B88	AWWA C800	AWWA C800	

16. SANITARY SANITARY SEWER MATERIAL FOR ON-SITE SANITARY SEWER LINES SHALL BE AS FOLLOWS:

MATERIAL	PRESSURE RATING	PIPE SPEC	FITTINGS	INSTALLATION	ACCEPTABLE AREAS OF USE
POLY VINYL CHLORIDE (PVC)	SDR 35	ASTM D3034	ASTM D3212	ASTM D2321 WITH TYPE 1 BEDDING	ON SITE, 6" TO 8" DIA, LESS THAN 8.5' OF COVER
POLY VINYL CHLORIDE (PVC)	SDR 26	ASTM 3034	ASTM D3212	ASTM 2321 WITH TYPE 1 BEDDING	ON SITE, 6" TO 8" DIA, GREATER THAN OR EQUAL TO 8.5' OF COVER

EXISTING FEATURES LEGEND

----- PAV	----- RIGHT OF WAY LINE	⊗ WATER METER	⊗ STORM CATCH BASIN
----- PARCEL LINE	----- SUBJECT PROPERTY BOUNDARY LINE	⊗ WATER VALVE	⊗ STORM INLET BASIN
----- EASEMENT LINE	----- CURB	⊗ POWER/TELEPHONE POLE	⊗ STORM MANHOLE
----- EDGE OF PAVEMENT	----- EDGE OF WALK	⊗ POWER POLE	⊗ STORM CLEAN OUT
----- PAVEMENT MARKINGS	----- STORM SEWER	⊗ AIR CONDITIONER	⊗ SANITARY MANHOLE
----- SANITARY SEWER	----- WATER LINE	⊗ ELECTRIC BOX	⊗ SANITARY CLEAN OUT
----- GAS LINE	----- OVD ELECTRIC LINE	⊗ LIGHT POLE	⊗ TRAFFIC SIGNAL POLE
----- UGND ELECTRIC LINE	----- UGND TELECOMM LINE	⊗ GAS VALVE	⊗ TRAFFIC MANHOLE
----- MAJOR CONTOUR	----- MINOR CONTOUR	⊗ GAS METER	⊗ SIGN



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/14/20	DATE
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DELIVERY STATION



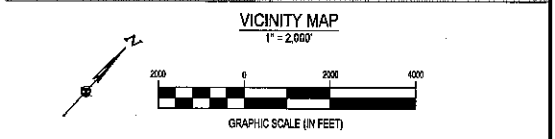
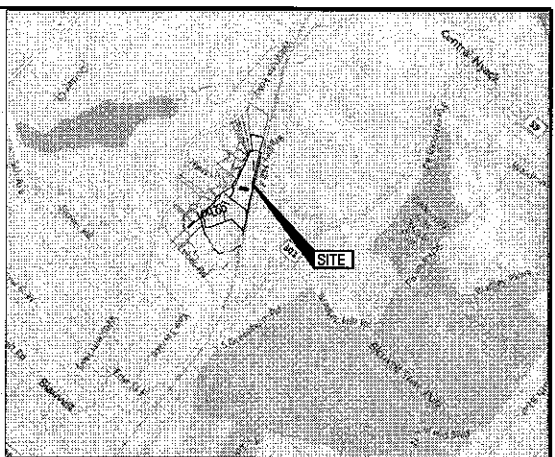
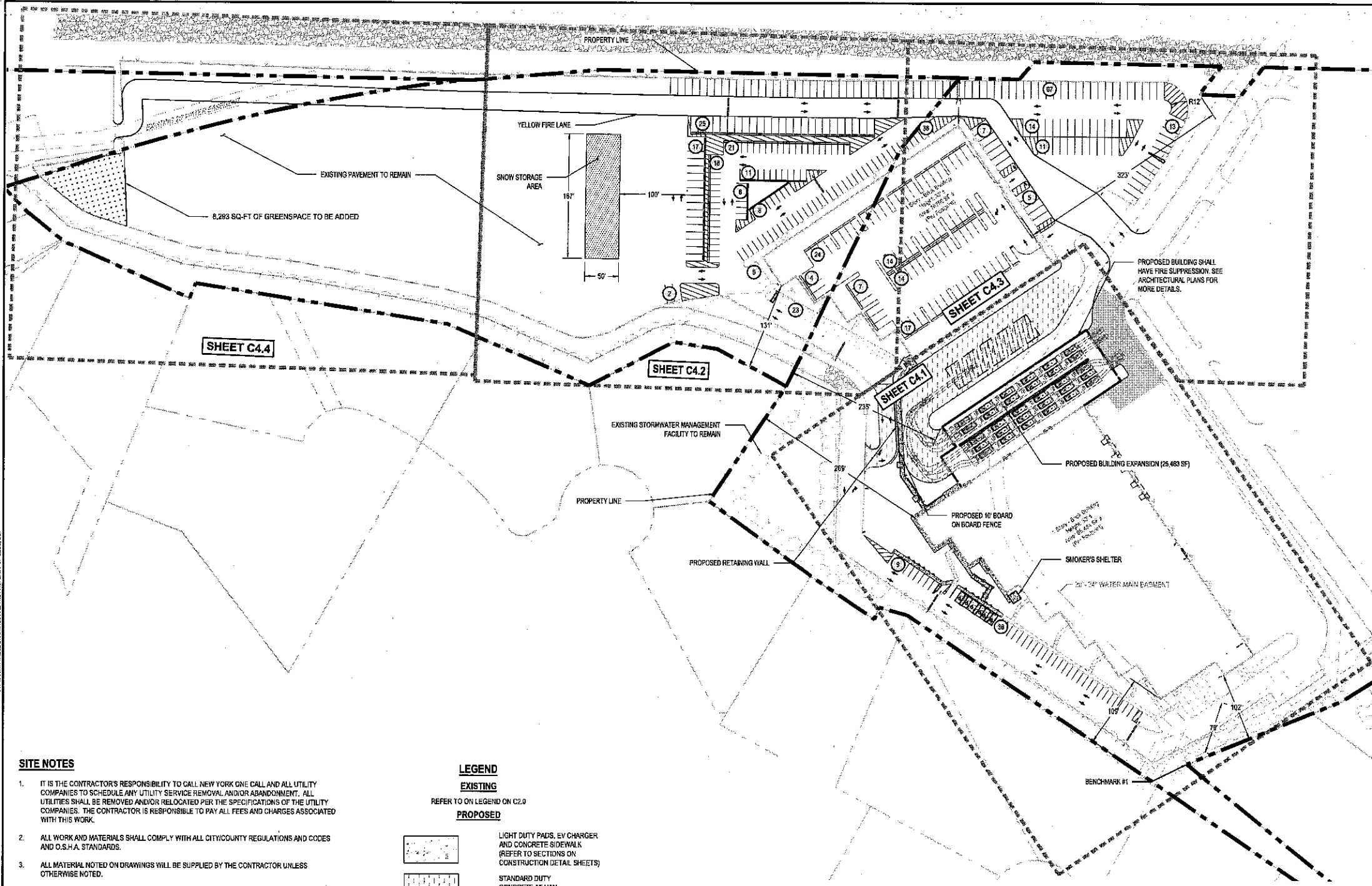
08/07/2020
 ISSUE FOR PERMIT
 DATE: 08/14/20
 JOB NO.: 757164
 SCALE: AS SHOWN
 DESIGN: T. LEJA
 DRAWN: S. BAILEY
 CHECKED: J. KOCINSKI
 DRAWING TITLE

GENERAL NOTES

SHEET NO. C2.0

COMMENTS: THESE DRAWINGS ARE THE PROPERTY OF C.E.S.O.

200 & 400 CORTLAND DRIVE, BLAUVELT, NY 10513



ZONING INFORMATION

LOCATION: 200 & 400 ORITANI DRIVE, BLAUVELT, NY 10913
 PARCELS: 65.18-1-1, 65.18-1-22, 70.06-1-12
 ZONE: (LO) LABORATORY-OFFICE DISTRICT
 USE: DISTRIBUTION CENTER
 LOT AREA: ± 37.61 ACRES (± 1,638,292 SF)

ADJACENT ZONING:
 NORTH: LABORATORY-OFFICE (LO)
 SOUTH: LOW DENSITY RESIDENTIAL (R-40), LABORATORY OFFICE (LO)
 EAST: LIGHT INDUSTRIAL OFFICE (LIO), LIGHT INDUSTRIAL (LI)
 WEST: LOW DENSITY RESIDENTIAL (R-40)

ITEM	REQUIREMENTS	EXISTING	PROPOSED
MINIMUM FRONT BUILDING SETBACK (EAST)	100 FEET	70.7 FEET	NO CHANGE
MINIMUM SIDE BUILDING SETBACK (SOUTH)	100 FEET	102.5 FEET	NO CHANGE
MINIMUM SIDE BUILDING SETBACK (NORTH)	100 FEET	269.3 FEET	234.7 FEET
MINIMUM SIDE BUILDING SETBACK (BOTH)	200 FEET	371.8 FEET	337.2 FEET
MINIMUM REAR BUILDING SETBACK (WEST)	100 FEET	130.7 FEET	NO CHANGE
MAXIMUM FLOOR RATIO	0.4	0.2	0.2
BUILDING HEIGHT	± 42.5 FEET	± 53 FEET	NO CHANGE
PARKING REQUIREMENTS	ONE SPACE FOR EVERY 2 EMPLOYEES	255 SPACES	SEE PARKING TABULATION ON THIS SHEET
MINIMUM ACCESSIBLE STALLS	6 SPACES FOR 151 - 200 TOTAL PROVIDED SPACES, 1 VAN	2 SPACES	6 SPACES (1 VAN)
MINIMUM PARKING DIMENSIONS	9 FEET X 18 FEET	9 FEET X 18 FEET	9 FEET X 19 FEET MIN.
MINIMUM AISLE WIDTH	22 FEET	24 FEET	24 FEET
MINIMUM PARKING SETBACK	25 FEET	± 60 FEET	± 97 FEET
LAND COVERAGE	MAX 75%	80.30%	NO CHANGE

- SITE NOTES**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL NEW YORK ONE CALL AND ALL UTILITY COMPANIES TO SCHEDULE ANY UTILITY SERVICE REMOVAL AND/OR ABANDONMENT. ALL UTILITIES SHALL BE REMOVED AND/OR RELOCATED PER THE SPECIFICATIONS OF THE UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE TO PAY ALL FEES AND CHARGES ASSOCIATED WITH THIS WORK.
 - ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
 - ALL MATERIAL NOTED ON DRAWINGS WILL BE SUPPLIED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF RAMPS.
 - ALL DISTURBED AREAS ARE TO RECEIVE 6" OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
 - ALL DIMENSIONS AND RADII ARE TO THE FACE OF THE CURB OR EDGE OF PAVEMENT, AS APPLICABLE, UNLESS OTHERWISE NOTED.
 - PROVIDE STRIPING AS SHOWN. PARKING STALLS SHALL BE PAINTED WITH 4" WHITE, WIDE LINES.
 - REFER TO SIGNAGE PLAN FOR PROPOSED SIGNAGE.
 - REFER TO MECHANICAL PLANS FOR EQUIPMENT LAYOUT.
 - REFER TO ELECTRICAL PLANS FOR ELECTRICAL WORK.
 - REFER TO ORIGINAL SURVEY PROVIDED BY BLEW & ASSOCIATES, DATED 10/31/2019.

LEGEND

EXISTING
REFER TO ON LEGEND ON C2.0

PROPOSED

[Symbol]	LIGHT DUTY PADS, EV CHARGER AND CONCRETE SIDEWALK (REFER TO SECTIONS ON CONSTRUCTION DETAIL SHEETS)
[Symbol]	STANDARD DUTY CONCRETE AT VAN STAGING AREAS
[Symbol]	HEAVY DUTY CONCRETE
[Symbol]	CONCRETE CURB
[Symbol]	WHEEL STOP
[Symbol]	SIGNAGE
[Symbol]	PARKING SPACE COUNT
[Symbol]	BARRIER FENCE
[Symbol]	SPEED BUMP
[Symbol]	BOLLARD
[Symbol]	HAND RAIL
[Symbol]	HYDRANT

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.I.R.M. NO. 3697C-0179-G BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

BENCHMARK

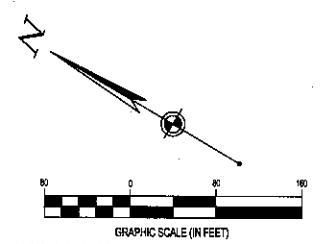
DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1 1" PIPE	93.58 FT	816632.73 N, 841443.82 E
BM 2 5/8" REBAR	71.22 FT	816739.46 N, 841528.66 E

PARKING

ADA SPACES = 6 SPACES (1 VAN)
 STANDARD SPACES (9' x 18') = 171
 TOTAL ASSOCIATE SPACES = 177
 VAN SPACES (11' x 27') = 239 (80 INTERIOR)
 LOADING ZONES (12' x 60') = 5
 PROPOSED BUILDING = 25,463 SF; FFE = 96.80'; HEIGHT = 37'-8"

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 805 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 582-1863
 CONTACT: FAXTON SINGLETON

CESD PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 811 CALL.

NO.	DATE	REVISION DESCRIPTION
1		ISSUE
2		FOR PERMIT
3		DATE
4		JOB NO.
5		SCALE
6		DESIGN
7		DRAWN
8		CHECKED
9		DRAWING TITLE

DELIVERY STATION



08/07/2020
 ISSUE:
 FOR PERMIT
 DATE:
 08/04/20
 JOB NO.: 757164
 SCALE: 1" = 80'
 DESIGN: T. LEJA
 DRAWN: S. BAILEY
 CHECKED: J. KOCINSKI
 DRAWING TITLE

OVERALL SITE PLAN

SHEET NO.
 C4.0

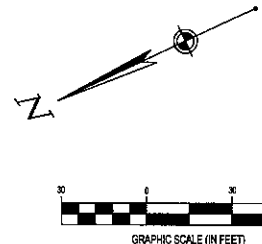
CODED NOTES:

1. PROPOSED CONCRETE SIDEWALK PER DETAIL ON SHEET SERIES C7.0. MAX SLOPE SLOPE NOT TO EXCEED 2%
2. PROPOSED INGRESS/EGRESS DOOR (SEE ARCHITECTURAL PLANS FOR DETAILS)
3. PROPOSED SIDEWALK RAMP PER DETAIL ON SHEET SERIES C7.0
4. PROPOSED ACCESSIBLE PARKING STALL STRIPING PER DETAILS ON SHEET SERIES C7.0
5. PROPOSED INTERIOR PARKING (SEE ARCHITECTURAL PLANS FOR DETAILS)
6. PROPOSED STANDARD PARKING STALL STRIPING PER DETAIL ON SHEET SERIES C7.0
7. EXISTING PARKING STALL STRIPING TO REMAIN
8. PROPOSED VAN PARKING STALL STRIPING PER DETAIL ON SHEET SERIES C7.0
9. CONTRACTOR TO INSTALL 14'X14' CONCRETE PAD FOR SMOKERS SHELTER PER DETAILS ON SHEET SERIES C7.0
10. PROPOSED STANDARD DUTY CONCRETE DRIVE AISLE PER DETAILS ON SHEET SERIES C7.0
11. PROPOSED FENCE PER DETAIL ON SHEET SERIES C7.0
12. PROPOSED 10' BOARD ON BOARD FENCE PER DETAIL ON SHEET SERIES C7.0
13. PROPOSED STANDARD DUTY AND HEAVY DUTY CONCRETE TO MEET EXISTING GRADE. PER DETAIL ON SHEET SERIES C7.0.
14. PROPOSED HEAVY DUTY CONCRETE PER DETAILS ON SHEET SERIES C7.0.

LEGEND

- EXISTING**
REFER TO ON LEGEND ON C2.0
- PROPOSED**
- LIGHT DUTY PADS, EV CHARGER AND CONCRETE SIDEWALK (REFER TO SECTIONS ON CONSTRUCTION DETAIL SHEETS)
 - STANDARD DUTY CONCRETE AT VAN STAGING AREAS
 - HEAVY DUTY CONCRETE
 - CONCRETE CURB
 - WHEEL STOP
 - SIGNAGE
 - PARKING SPACE COUNT
 - BARRIER FENCE
 - SPEED BUMP
 - BOLLARD
 - HAND RAIL
 - HYDRANT

REFER TO GENERAL NOTES SHEET FOR ALL SITE NOTES.
FOR PROPERTY LINE INFORMATION REFER TO SURVEY SHEETS.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE. THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 311 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 311 CALL.

NO.	DATE	REVISION DESCRIPTION
1	08/04/20	ISSUE FOR PERMIT
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DELIVERY STATION



08/07/2020

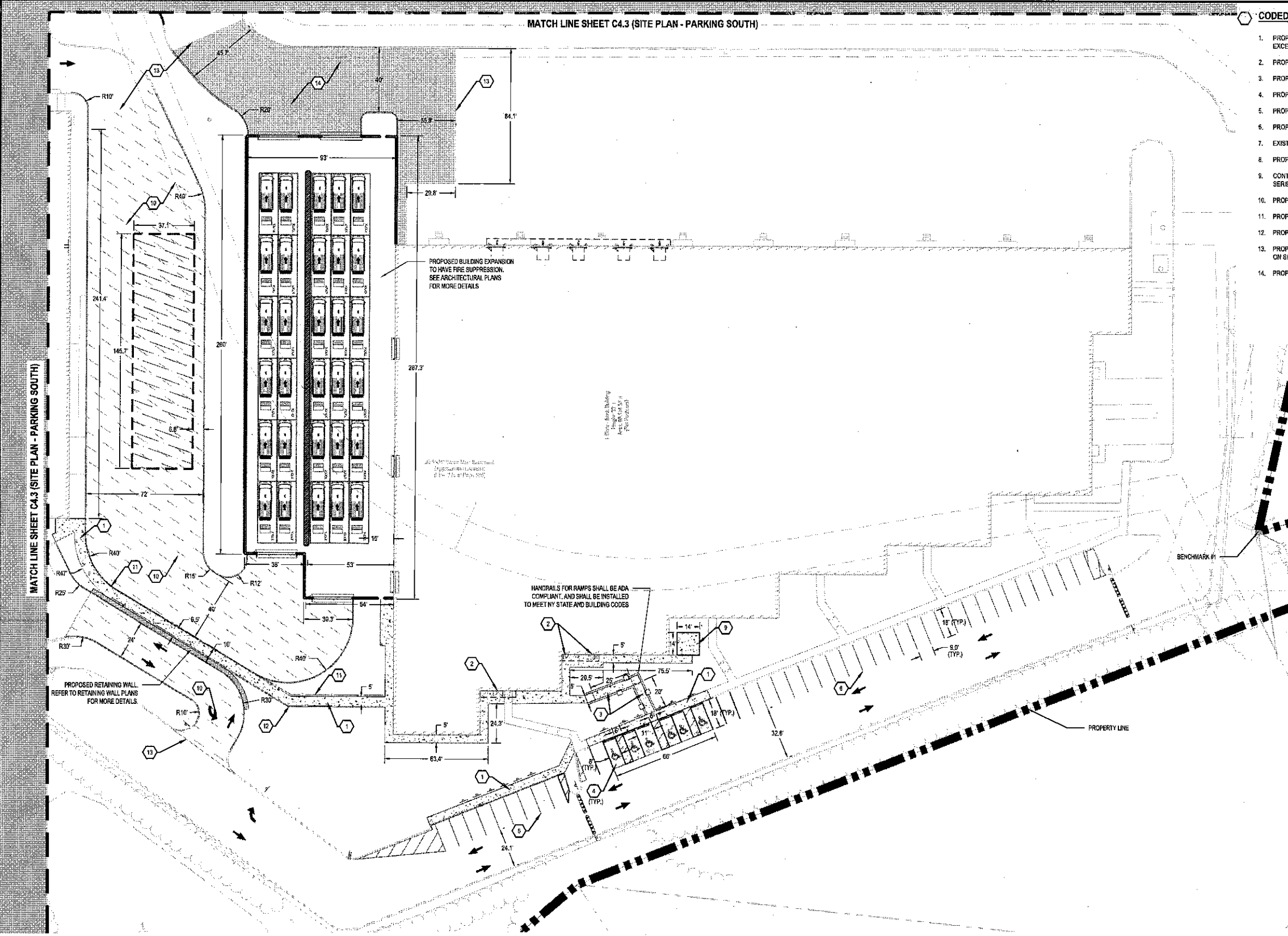
ISSUE FOR PERMIT	DATE: 08/04/20
JOB NO.:	787184
SCALE:	1" = 30'
DESIGN:	T. LEJA
DRAWN:	S. BAILEY
CHECKED:	J. KOCINSKI
DRAWING TITLE	

SITE PLAN - WEST

SHEET NO. C4.1

MATCH LINE SHEET C4.3 (SITE PLAN - PARKING SOUTH)

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FLOODPLAIN DESIGNATION:
ACCORDING TO F.I.R.M. NO. 38087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

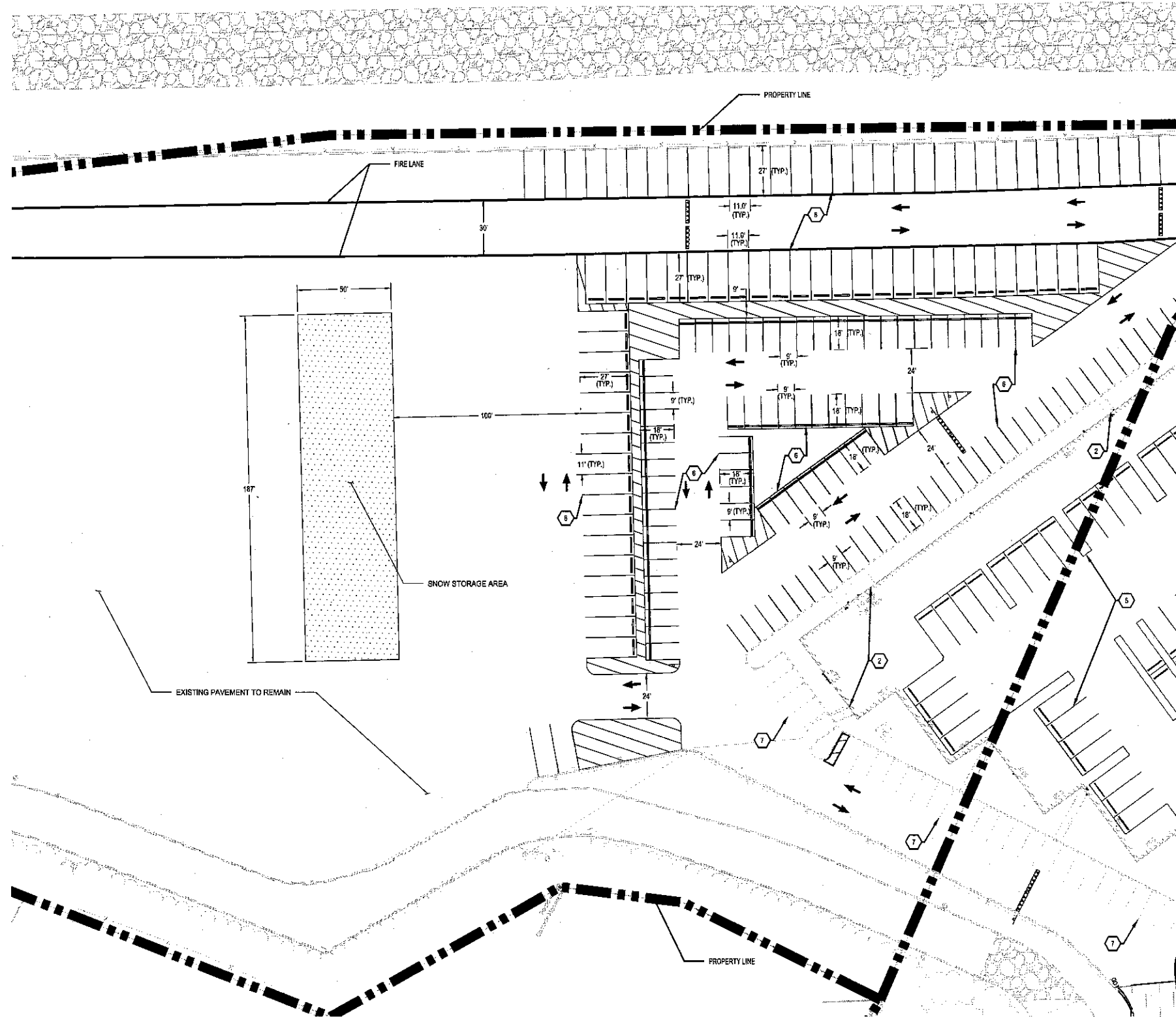
BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.96 FT	816832.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	816739.48 N, 841528.88 E

SURVEY (DATED 10/31/2019) BY:
BLEY & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 562-1683
CONTACT: FAKTON SINGLETON

CS&C PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEY & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

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CODED NOTES:

1. PROPOSED CONCRETE SIDEWALK PER DETAIL ON SHEET SERIES C7.0. MAX SLOPE SLOPE NOT TO EXCEED 2%
2. PROPOSED INGRESS/EGRESS DOOR (SEE ARCHITECTURAL PLANS FOR DETAILS)
3. PROPOSED SIDEWALK RAMP PER DETAIL ON SHEET SERIES C7.0. (NOT USED)
4. PROPOSED ACCESSIBLE PARKING STALL STRIPING PER DETAILS ON SHEET SERIES C7.0 (NOT USED)
5. PROPOSED INTERIOR PARKING (SEE ARCHITECTURAL PLANS FOR DETAILS)
6. PROPOSED STANDARD PARKING STALL STRIPING PER DETAIL ON SHEET SERIES C7.0
7. EXISTING PARKING STALL STRIPING TO REMAIN
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9. CONTRACTOR TO INSTALL 14'X14' CONCRETE PAD FOR SMOKERS SHELTER PER DETAILS ON SHEET SERIES C7.0. (NOT USED)
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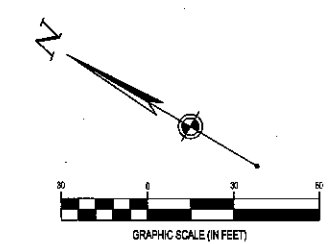
LEGEND

EXISTING
REFER TO ON LEGEND ON C2.0

PROPOSED

- LIGHT DUTY PADS, EV CHARGER AND CONCRETE SIDEWALK (REFER TO SECTIONS ON CONSTRUCTION DETAIL SHEETS)
- STANDARD DUTY CONCRETE AT VAN STAGING AREAS
- HEAVY DUTY CONCRETE
- CONCRETE CURB
- WHEEL STOP
- SIGNAGE
- PARKING SPACE COUNT
- BARRIER FENCE
- SPEED BUMP
- BOLLARD
- HAND RAIL
- HYDRANT

REFER TO GENERAL NOTES SHEET FOR ALL SITE NOTES
FOR PROPERTY LINE INFORMATION REFER TO SURVEY SHEETS.



FLOODPLAIN DESIGNATION:
ACCORDING TO F.L.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 02/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	816832.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	818738.46 N, 641528.86 E

SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3826 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 562-1883
CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

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10	08/07/20	FOR PERMIT
11	08/07/20	FOR PERMIT
12	08/07/20	FOR PERMIT
13	08/07/20	FOR PERMIT

DELIVERY STATION



08/07/2020
ISSUE FOR PERMIT
DATE: 08/07/20
JOB NO.: 757184
SCALE: 1" = 30'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCHINSKI
DRAWING TITLE

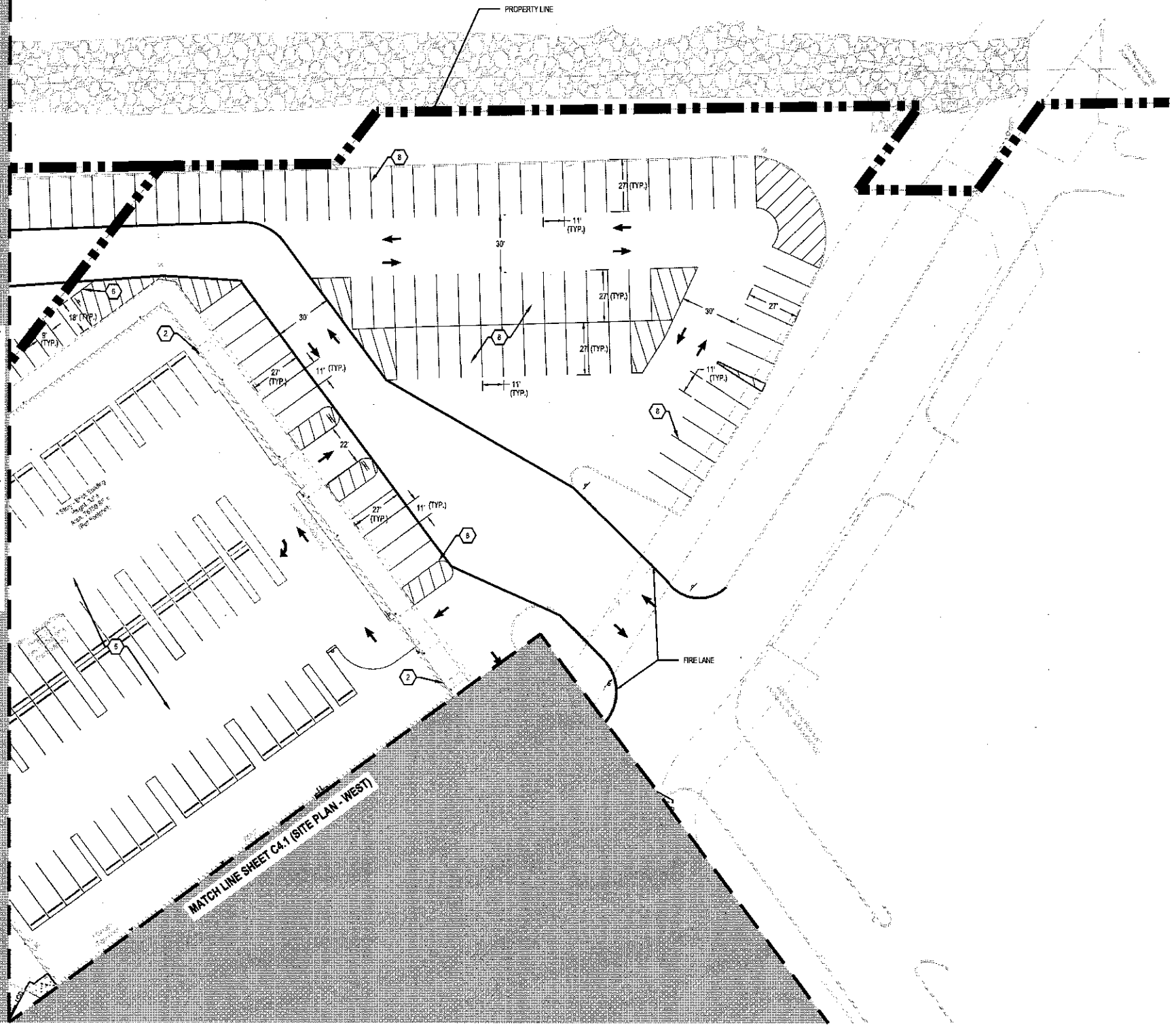
SITE PLAN - PARKING MIDDLE

SHEET NO.
C4.2

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MATCH LINE SHEET C4.2 (SITE PLAN - PARKING MIDDLE)

MATCH LINE SHEET C4.1 (SITE PLAN - WEST)



- CODED NOTES:**
1. PROPOSED CONCRETE SIDEWALK PER DETAIL ON SHEET SERIES C7.0. (NOT USED)
 2. PROPOSED INGRESS/EGRESS DOOR (SEE ARCHITECTURAL PLANS FOR DETAILS)
 3. PROPOSED SIDEWALK RAMP PER DETAIL ON SHEET SERIES C7.0. (NOT USED)
 4. PROPOSED ACCESSIBLE PARKING STALL STRIPING PER DETAILS ON SHEET SERIES C7.0 (NOT USED)
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 6. PROPOSED STANDARD PARKING STALL STRIPING PER DETAIL ON SHEET SERIES C7.0
 7. EXISTING PARKING STALL STRIPING TO REMAIN. (NOT USED)
 8. PROPOSED VAN PARKING STALL STRIPING PER DETAIL ON SHEET SERIES C7.0
 9. CONTRACTOR TO INSTALL 14'X14' CONCRETE PAD FOR SMOKERS SHELTER PER DETAILS ON SHEET SERIES C7.0. (NOT USED)
 10. PROPOSED STANDARD DUTY CONCRETE DRIVE AISLE PER DETAILS ON SHEET SERIES C7.0. (NOT USED)
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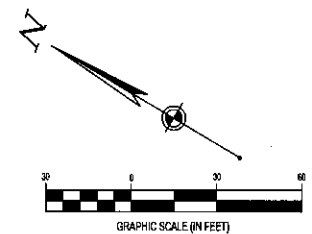
LEGEND

EXISTING
REFER TO ON LEGEND ON C2.0

PROPOSED

- LIGHT DUTY PADS, EV CHARGER AND CONCRETE SIDEWALK (REFER TO SECTIONS ON CONSTRUCTION DETAIL SHEETS)
- STANDARD DUTY CONCRETE AT VAN STAGING AREAS
- HEAVY DUTY CONCRETE
- CONCRETE CURB
- WHEEL STOP
- SIGNAGE
- PARKING SPACE COUNT
- BARRIER FENCE
- SPEED BUMP
- BOLLARD
- HAND RAIL
- HYDRANT

REFER TO GENERAL NOTES SHEET FOR ALL SITE NOTES.
FOR PROPERTY LINE INFORMATION REFER TO SURVEY SHEETS.



FLOODPLAIN DESIGNATION:
ACCORDING TO F.J.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	816832.73 N, 641443.82 E
BM 2	5 / 8" REBAR	71.22 FT	818736.46 N, 641528.88 E

SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 562-1683
CONTACT: PAXTON SINGLETON

CEISO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.



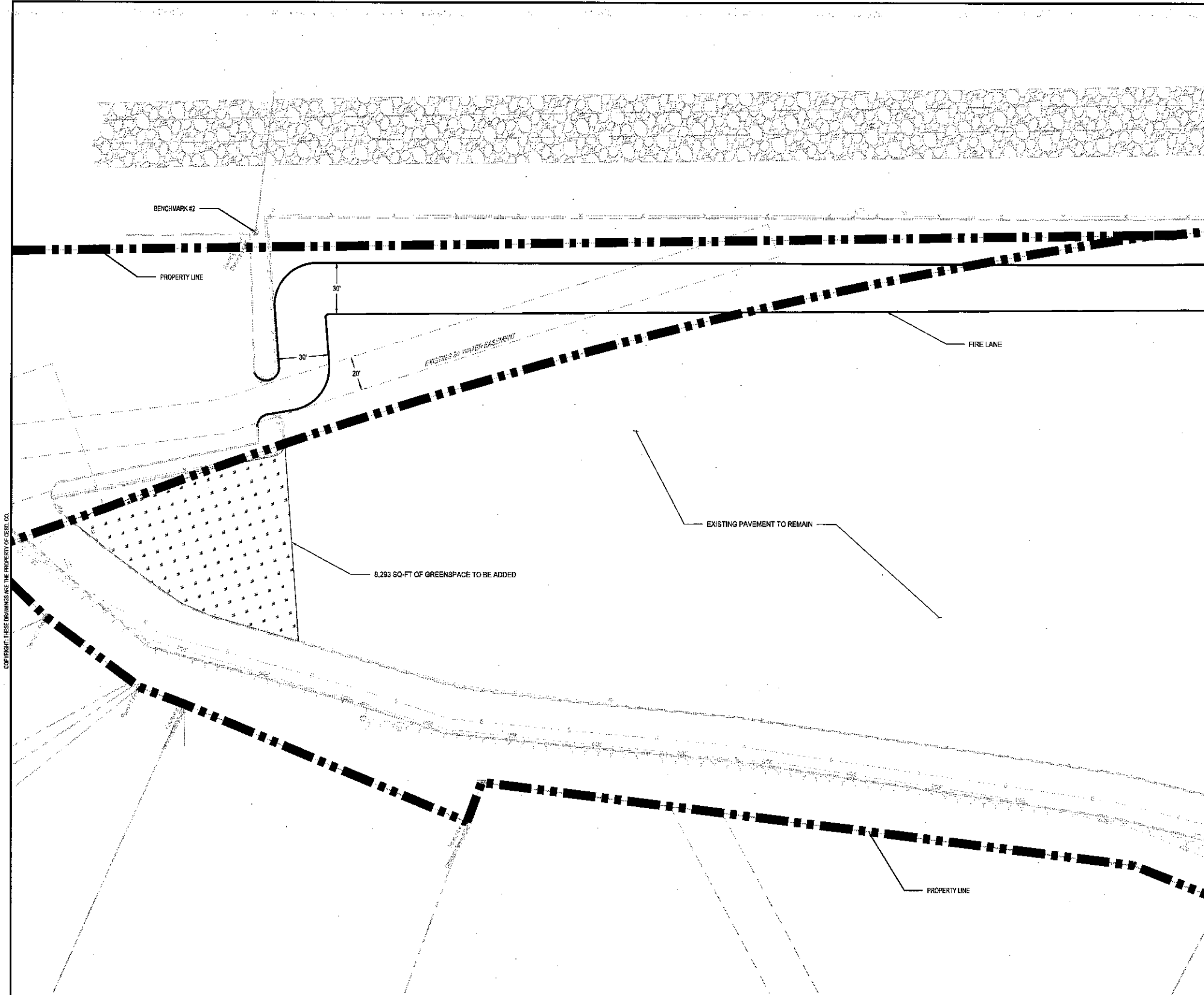
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NO.	DATE	REVISION DESCRIPTION
1		ISSUE FOR PERMIT
2		DATE: 08/04/20
3		JOB NO.: 757184
4		SCALE: 1" = 30'
5		DESIGN: T. LEJA
6		DRAWN: S. BAILEY
7		CHECKED: J. KOCINSKI
8		DRAWING TITLE
9		SITE PLAN - PARKING SOUTH
10		SHEET NO.
11		C4.3

DELIVERY STATION



08/07/2020
ISSUE FOR PERMIT
DATE: 08/04/20
JOB NO.: 757184
SCALE: 1" = 30'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCINSKI
DRAWING TITLE
SITE PLAN - PARKING SOUTH
SHEET NO.
C4.3















LEGEND

EXISTING

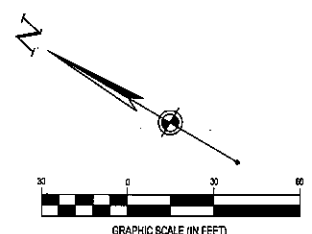
REFER TO ON LEGEND ON C2.0

PROPOSED

-  LIGHT DUTY PADS, EV CHARGER AND CONCRETE SIDEWALK (REFER TO SECTIONS ON CONSTRUCTION DETAIL SHEETS)
-  STANDARD DUTY CONCRETE AT VAN STAGING AREAS
-  HEAVY DUTY CONCRETE
-  CONCRETE CURB
-  WHEEL STOP
-  SIGNAGE
-  PARKING SPACE COUNT
-  BARRIER FENCE
-  SPEED BUMP
-  BOLLARD
-  HAND RAIL
-  HYDRANT

REFER TO GENERAL NOTES SHEET FOR ALL SITE NOTES.

FOR PROPERTY LINE INFORMATION REFER TO SURVEY SHEETS.



FLOODPLAIN DESIGNATION:
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BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.59 FT	816832.73 N, 641443.82 E
BM 2	5 / 8" REBAR	71.22 FT	818736.48 N, 641528.88 E

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3825 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
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 CONTACT: PAXTON SINGLETON
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* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

NO.	DATE	REVISION DESCRIPTION
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1	05/05/20	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
2	05/05/20	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
3	08/07/20	REVISED FOR TOWNSHIP COMMENTS

DELIVERY STATION

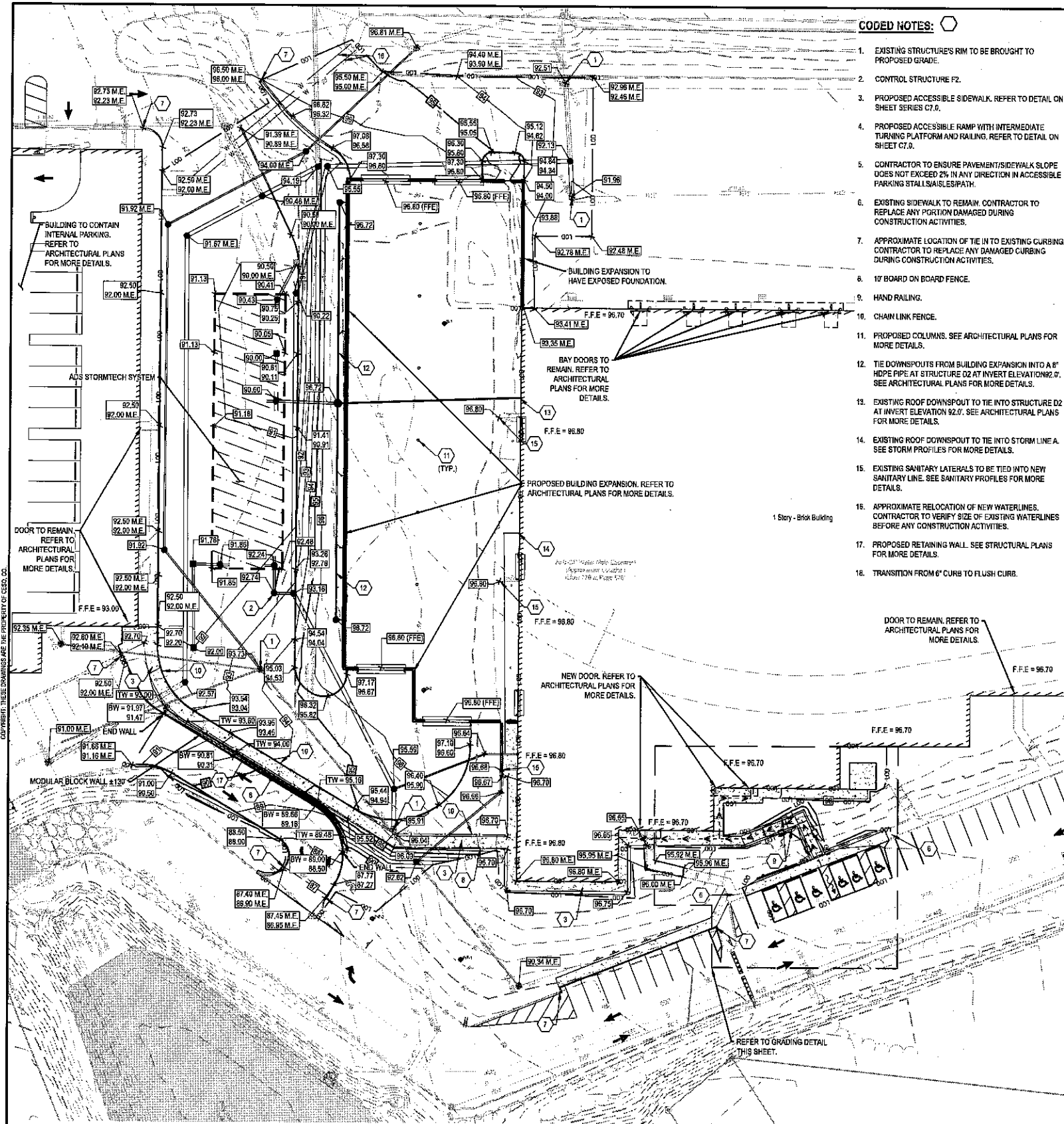
200 & 400 CRTIANI DRIVE, BLAUVELT, NY 10813



08/07/2020
 ISSUE:
 FOR PERMIT
 DATE:
 08/04/20
 JOB NO.: 757184
 SCALE: 1" = 30'
 DESIGN: T. LEJA
 DRAWN: S. BAILEY
 CHECKED: J. KOCHINSKI

SITE PLAN - NORTH

SHEET NO.
C4.4

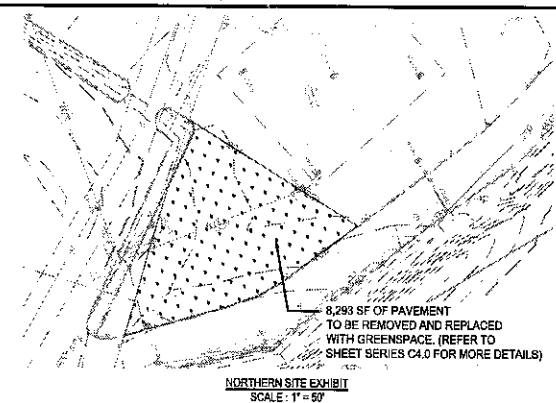


CODED NOTES:

- EXISTING STRUCTURE'S RIM TO BE BROUGHT TO PROPOSED GRADE.
- CONTROL STRUCTURE F2.
- PROPOSED ACCESSIBLE SIDEWALK. REFER TO DETAIL ON SHEET SERIES C7.0.
- PROPOSED ACCESSIBLE RAMP WITH INTERMEDIATE TURNING PLATFORM AND RAILING. REFER TO DETAIL ON SHEET C7.0.
- CONTRACTOR TO ENSURE PAVEMENT/SIDEWALK SLOPE DOES NOT EXCEED 2% IN ANY DIRECTION IN ACCESSIBLE PARKING STALLS/SALES/PATH.
- EXISTING SIDEWALK TO REMAIN. CONTRACTOR TO REPLACE ANY PORTION DAMAGED DURING CONSTRUCTION ACTIVITIES.
- APPROXIMATE LOCATION OF THE TIE IN TO EXISTING CURBING. CONTRACTOR TO REPLACE ANY DAMAGED CURBING DURING CONSTRUCTION ACTIVITIES.
- 10' BOARD ON BOARD FENCE.
- HAND RAILING.
- CHAIN LINK FENCE.
- PROPOSED COLUMNS. SEE ARCHITECTURAL PLANS FOR MORE DETAILS.
- TIE DOWNSPOUTS FROM BUILDING EXPANSION INTO A 6" HDPE PIPE AT STRUCTURE 02 AT INVERT ELEVATION 92.0'. SEE ARCHITECTURAL PLANS FOR MORE DETAILS.
- EXISTING ROOF DOWNSPOUT TO TIE INTO STRUCTURE 02 AT INVERT ELEVATION 92.0'. SEE ARCHITECTURAL PLANS FOR MORE DETAILS.
- EXISTING ROOF DOWNSPOUT TO TIE INTO STORM LINE A. SEE STORM PROFILES FOR MORE DETAILS.
- EXISTING SANITARY LATERALS TO BE TIED INTO NEW SANITARY LINE. SEE SANITARY PROFILES FOR MORE DETAILS.
- APPROXIMATE RELOCATION OF NEW WATERLINES. CONTRACTOR TO VERIFY SIZE OF EXISTING WATERLINES BEFORE ANY CONSTRUCTION ACTIVITIES.
- PROPOSED RETAINING WALL. SEE STRUCTURAL PLANS FOR MORE DETAILS.
- TRANSITION FROM 6" CURB TO FLUSH CURB.

GENERAL NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL NEW YORK DOT REGULATIONS AND CODES, AND O.S.I.A. STANDARDS. THE CONTRACTOR SHALL OBTAIN FINAL PERMITTING AND APPROVAL INSPECTIONS AS REQUIRED FROM THE LOCALITY.
- THE CONTRACTOR SHALL VERIFY ELEVATIONS AT CONNECTION POINTS OR ANY EXISTING UTILITY CROSSING PRIOR TO ORDERING STRUCTURES. REPORT ANY CONFLICTS TO THE ENGINEER.
- LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED PRIOR TO BACKFILLING.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIRS TO UTILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
- STORM SEWER CATCH BASINS, CURB INLETS, MANHOLES, AND ENDWALLS SHALL CONFORM TO NEW YORK DOT STANDARD CONSTRUCTION DRAWINGS.
- ALL SPOT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
- PROVIDE 2% MAXIMUM CROSS SLOPE ON SIDEWALKS AND ADA PARKING AREA.
- CONTRACTOR SHALL APPLY EROSION CONTROL BLANKET AND LOW MAINTENANCE GRASS SEED MIX TO ALL SLOPES 3:1 V OR STEEPER. REFER TO SWPPP DETAILS FOR LOW MAINTENANCE GRASS SEED MIXTURE SPECIFICATIONS.
- REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.
- PROVIDE FINGER DRAINS AND CONCRETE COLLARS ON ALL PROPOSED STORM SEWER STRUCTURES IN PAVEMENT PER CONSTRUCTION DETAILS SHEET.



LEGEND

REFER TO LEGEND ON C2.0

EXISTING

- STORM STRUCTURE NUMBER
- ⊙ STORM STANDARD MANHOLE
- STORM CATCH BASIN
- MAJOR CONTOUR
- MINOR CONTOUR
- SPOT ELEVATION
- FLUSH SPOT ELEVATION
- TOP OF WALL ELEVATION
- BOTTOM OF WALL ELEVATION
- TOP OF CURB
- BOTTOM OF CURB
- STORMWATER DETENTION SYSTEM. REFER TO DETAILS ON SHEET SERIES C7.0.
- MATCH EXISTING PAVEMENT GRADE
- LIMITS OF DISTURBANCE
- PROPOSED STORM PIPE
- PROPOSED SANITARY SEWER
- ACCESSIBLE PATH
- CHAIN LINKED FENCE
- SIDEWALK RAILING

PROPOSED

M.E. — MATCH EXISTING PAVEMENT GRADE

LOD — LIMITS OF DISTURBANCE

STM — PROPOSED STORM PIPE

SAW — PROPOSED SANITARY SEWER

— ACCESSIBLE PATH

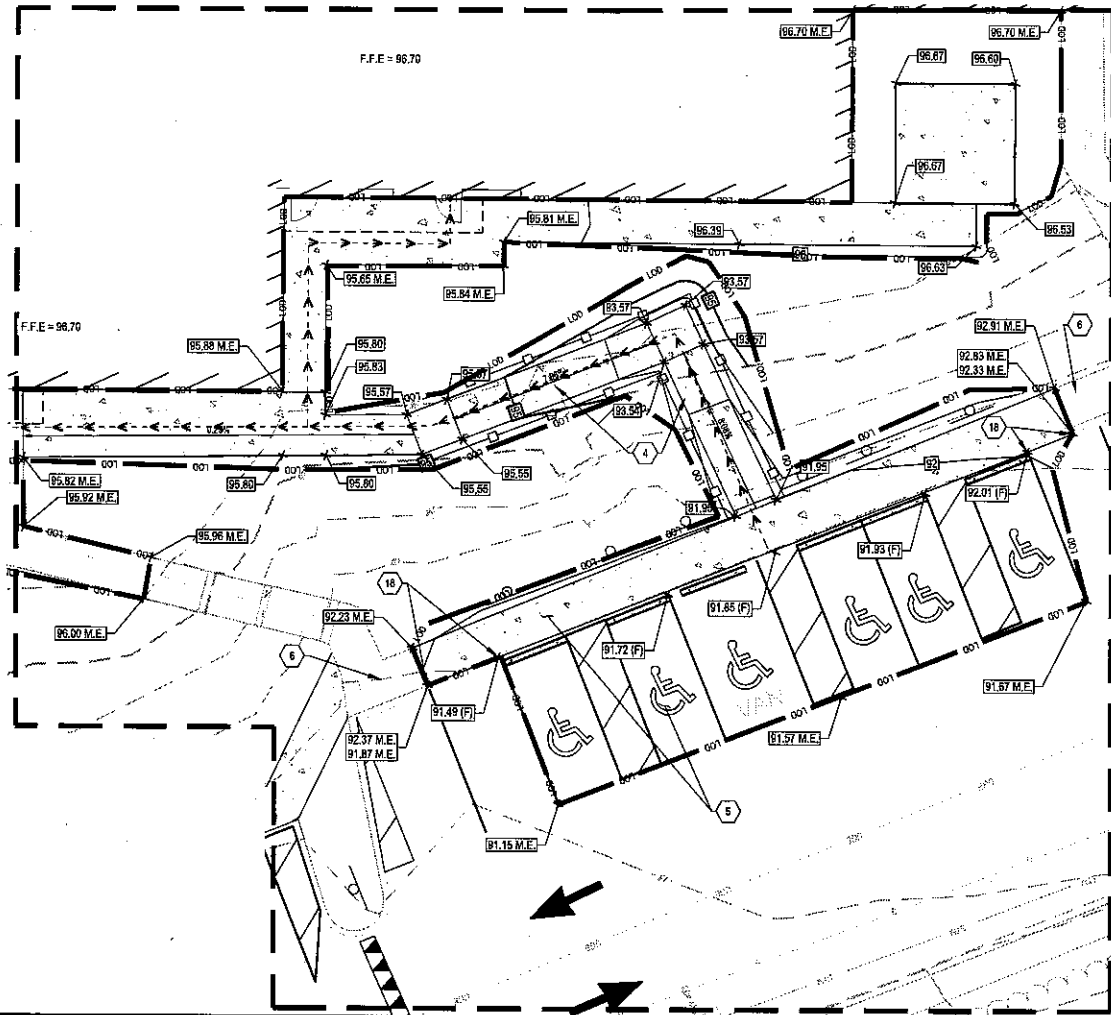
— CHAIN LINKED FENCE

— SIDEWALK RAILING

FLOODPLAIN DESIGNATION:

ACCORDING TO F.I.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/02/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

PROPOSED IMPERVIOUS AND PERVIOUS AREAS		EXISTING IMPERVIOUS AND PERVIOUS AREAS	
COVER TYPE	AREA (AC)	COVER TYPE	AREA (AC)
IMPERVIOUS	1.65	IMPERVIOUS	0.53
OPEN SPACE / LAWN	0.52	OPEN SPACE / LAWN	1.54
TOTAL = 2.17 AC + EXISTING ROOF (0.53 AC) = 2.70 AC		TOTAL = 2.17 AC	



NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/04/20	DATE
3		JOB NO. 757184
4		SCALE: 1" = 60'
5		DESIGN: T. LEJA
6		DRAWN: T. LEJA
7		CHECKED: J. KOENIG
8		DRAWING TITLE

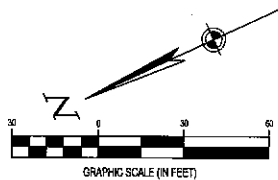
DELIVERY STATION



08/07/2020	ISSUE FOR PERMIT
DATE	08/04/20
JOB NO.:	757184
SCALE:	1" = 60'
DESIGN:	T. LEJA
DRAWN:	T. LEJA
CHECKED:	J. KOENIG
DRAWING TITLE	

GRADING PLAN

SHEET NO. C5.0



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

BENCHMARK			
DESCRIPTION	ELEVATION	NORTHING/EASTING	
BM 1	1" PIPE	93.58 FT	81882.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.46 N, 841528.88 E

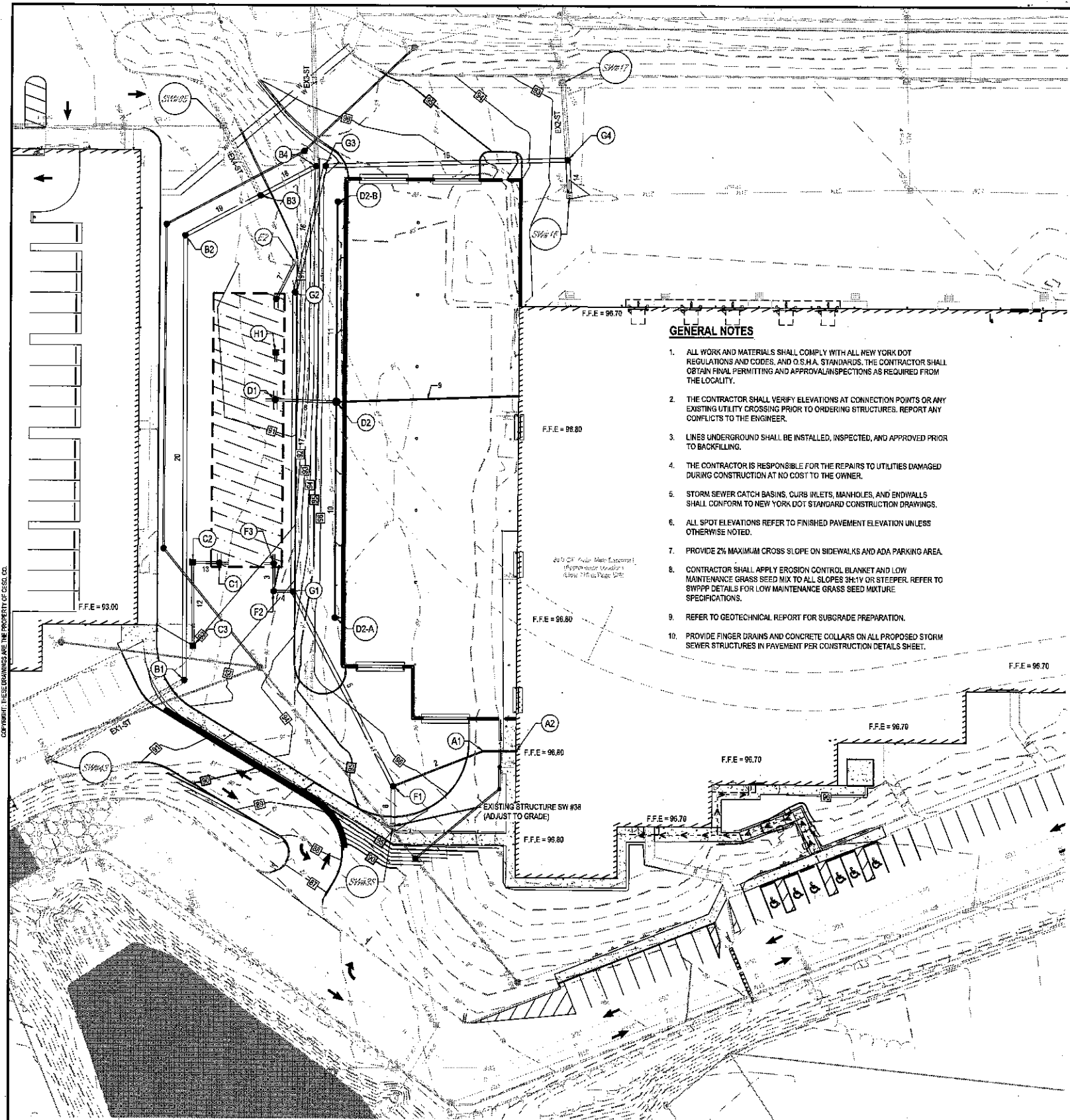
SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3826 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 582-1883
 CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

ELEVATIONS ESTABLISHED WITH GPS STATION OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1989 DATUM)

COMMENTS: THESE DRAWINGS ARE THE PROPERTY OF CESO.

200 S. 400 CORTLAND DRIVE, BRAWLEY, CA 94503



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 - STORM SEWER CATCH BASINS, CURB INLETS, MANHOLES, AND ENDWALLS SHALL CONFORM TO NEW YORK DOT STANDARD CONSTRUCTION DRAWINGS.
 - ALL SPOT ELEVATIONS REFER TO FINISHED PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
 - PROVIDE 2% MAXIMUM CROSS SLOPE ON SIDEWALKS AND ADA PARKING AREA.
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 - REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.
 - PROVIDE FINGER DRAINS AND CONCRETE COLLARS ON ALL PROPOSED STORM SEWER STRUCTURES IN PAVEMENT PER CONSTRUCTION DETAILS SHEET.

- LEGEND**
- EXISTING**
- REFER TO LEGEND ON C2.0
- PROPOSED**
- STORM STRUCTURE NUMBER
 - STORM STANDARD MANHOLE
 - STORM CATCH BASIN
 - STORM CLEANOUT
 - MAJOR CONTOUR
 - MINOR CONTOUR
 - STORMWATER DETENTION SYSTEM. REFER TO DETAILS ON SHEET SERIES C7.0.

FLOODPLAIN DESIGNATION:

ACCORDING TO F.I.R.M. NO. 36087C-0178-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

NOTE:
 * REFER TO SHEET C5.3-C5.4 FOR STORM PROFILES.
 * REFER TO SURVEY FOR EXISTING STRUCTURE RIM AND INVERT ELEVATIONS.

STORM SEWER SCHEDULES

NO.	STRUCTURE	RIM	INVERT
A1	8" CO	96.84	92.48 (8') SW 92.45 (8') N
A2	8" CO	96.80	92.80 (8') NE
B1	48" MH W/ CLOSED GRATE	92.57	81.52 (24') SE 81.32 (24') N
B2	48" MH W/ CLOSED GRATE	91.67	84.28 (24') S 84.08 (24') NW
B3	48" MH W/ CLOSED GRATE	90.48	84.70 (24') S 84.70 (24') E 84.50 (24') N
B4	48" MH W/ CLOSED GRATE	94.24	89.50 (24') SE 85.63 (24') N
C1	48" MH W/ CLOSED GRATE	91.79	88.20 (12') NE 84.00 (24') SE 86.20 (12') SW
C2	48" MH W/ INLET GRATE AND 2' SUMP & SNOUT	91.78	86.78 (12') NW 86.78 (12') SW
C3	2X2 CB	92.06	87.00 (12') SE
D1	48" MH W/ CLOSED GRATE	90.60	86.57 (12') SW 86.20 (12') NE 84.00 (24') NW 84.00 (24') SE
D2	48" MH W/ 2' SUMP & SNOUT	96.72	90.00 (8') SE 90.00 (8') NW 90.00 (8') SW 88.00 (12') NE
D2-A	8" CO	96.72	92.80 (8') SE
D2-B	8" CO	96.72	92.80 (8') NW
E1	48" MH W/ CLOSED GRATE	90.43	85.20 (12') SE 84.00 (24') NW
E2	48" MH W/ INLET GRATE AND 2' SUMP & SNOUT	89.51	85.41 (12') NW

NO.	STRUCTURE	RIM	INVERT
F1	48" MH W/ CLOSED GRATE	95.69	89.89 (8') S 82.17 (24') E 81.97 (24') NW
F2	48" MH W/ CLOSED GRATE AND WEIR WALL	92.74	83.00 (6') SE 84.00 (12') SE 83.00 (12') SW
F3	48" MH W/ CLOSED GRATE AND 2' SUMP	92.24	84.00 (12') NW 84.11 (12') NE 84.00 (12') SE
G1	48" MH W/ CLOSED GRATE	93.16	83.84 (24') SE 82.95 (12') NE 82.76 (24') W
G2	48" MH W/ CLOSED GRATE	90.22	84.94 (24') SE 84.84 (24') NW
G3	48" MH W/ CLOSED GRATE	95.56	85.29 (24') SW 85.28 (24') NW
G4	48" MH W/ CLOSED GRATE	92.13	85.92 (24') W 85.92 (24') E 85.92 (24') NE
H1	48" MH W/ INLET GRATE AND 2' SUMP & SNOUT	90.00	86.26 (12') NW
SW#16	EXISTING STRUCTURE	91.95	86.18 (24') E
SW#17	EXISTING STRUCTURE	92.82	86.13 (24') W
SW#24	EXISTING STRUCTURE	97.59	91.30 (24') NW
SW#38	EXISTING STRUCTURE	95.90	81.57 (24') SE
SW#43	EXISTING STRUCTURE	90.37	78.59 (24') S
SW#85	EXISTING STRUCTURE	91.98	84.91 (24') W

PIPE NAME	STRUCTURES	DIAMETER	LENGTH	SLOPE
F2-ADS	START: F3 END: D1	12"	5.00'	0.00%
F1-ADS	START: F3 END: C1	12"	5.00'	0.00%
C2-ADS	START: C1 END: D1	12"	5.00'	0.00%
D3-ADS	START: D1 END: D2	24"	5.00'	0.00%
D2-ADS	START: D1 END: D2	24"	5.00'	0.00%
E1-ADS	START: E1 END: D1	24"	5.00'	0.00%
H1-ADS	START: H1 END: D1	12"	5.00'	0.00%
D1-ADS	START: D1 END: D2	12"	5.00'	0.00%
C1-ADS	START: C1 END: D2	24"	5.00'	0.00%
EX4-ST	START: SW#85 END: B3	24"	42.15'	0.50%
EX1-ST	START: SW#43 END: B1	24"	82.95'	3.23%
EX2-ST	START: SW#17 END: G4	24"	41.28'	0.50%
EX3-ST	START: SW#24 END: B4	24"	95.72'	1.88%
1	START: A2 END: A1	8"	17.18'	2.00%
2	START: A1 END: F1	8"	51.33'	5.00%
3	START: F3 END: F2	12"	14.70'	0.00%
4	START: F2 END: G1	12"	10.12'	0.50%
5	START: F1 END: G1	24"	116.63'	0.50%
6	START: F1 END: SW#38	24"	21.18'	1.89%

PIPE NAME	STRUCTURES	DIAMETER	LENGTH	SLOPE
7	START: E2 END: E1	12"	22.07'	0.95%
8	START: D1 END: D2	12"	32.21'	4.45%
9	START: D2 END: D2	8"	96.32'	2.91%
10	START: D2-A END: D2	8"	114.75'	2.44%
11	START: D2-B END: D2	8"	106.52'	2.63%
12	START: C3 END: C2	12"	44.33'	0.50%
13	START: C2 END: C1	12"	14.24'	4.07%
14	START: SW#16 END: G4	24"	18.87'	1.35%
15	START: G4 END: G3	24"	127.62'	0.50%
16	START: G3 END: G2	24"	69.11'	0.50%
17	START: G1 END: G2	24"	159.12'	0.50%
18	START: B4 END: B3	24"	33.07'	1.60%
19	START: B3 END: B2	24"	44.87'	0.50%
20	START: B2 END: B1	24"	236.59'	1.68%
21	START: B1 END: F2	6"	14.36'	0.00%

BENCHMARK			
DESCRIPTION	ELEVATION	NORTHING/EASTING	
BM 1	1" PIPE	93.58 FT	818932.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.46 N, 841528.88 E

SURVEY (DATED 10/31/2019) BY:
 BLEY & ASSOCIATES, PA
 3625 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 562-1863
 CONTACT: PAXTON SINGLETON

CEISO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEY & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

NEW YORK 811
 Know what's below. Call before you dig.

FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 811 CALL.

REFER TO CONSTRUCTION DETAILS ON SHEET SERIES C7.0

NO.	DATE	REVISION DESCRIPTION
1		
2		
3		

DELIVERY STATION

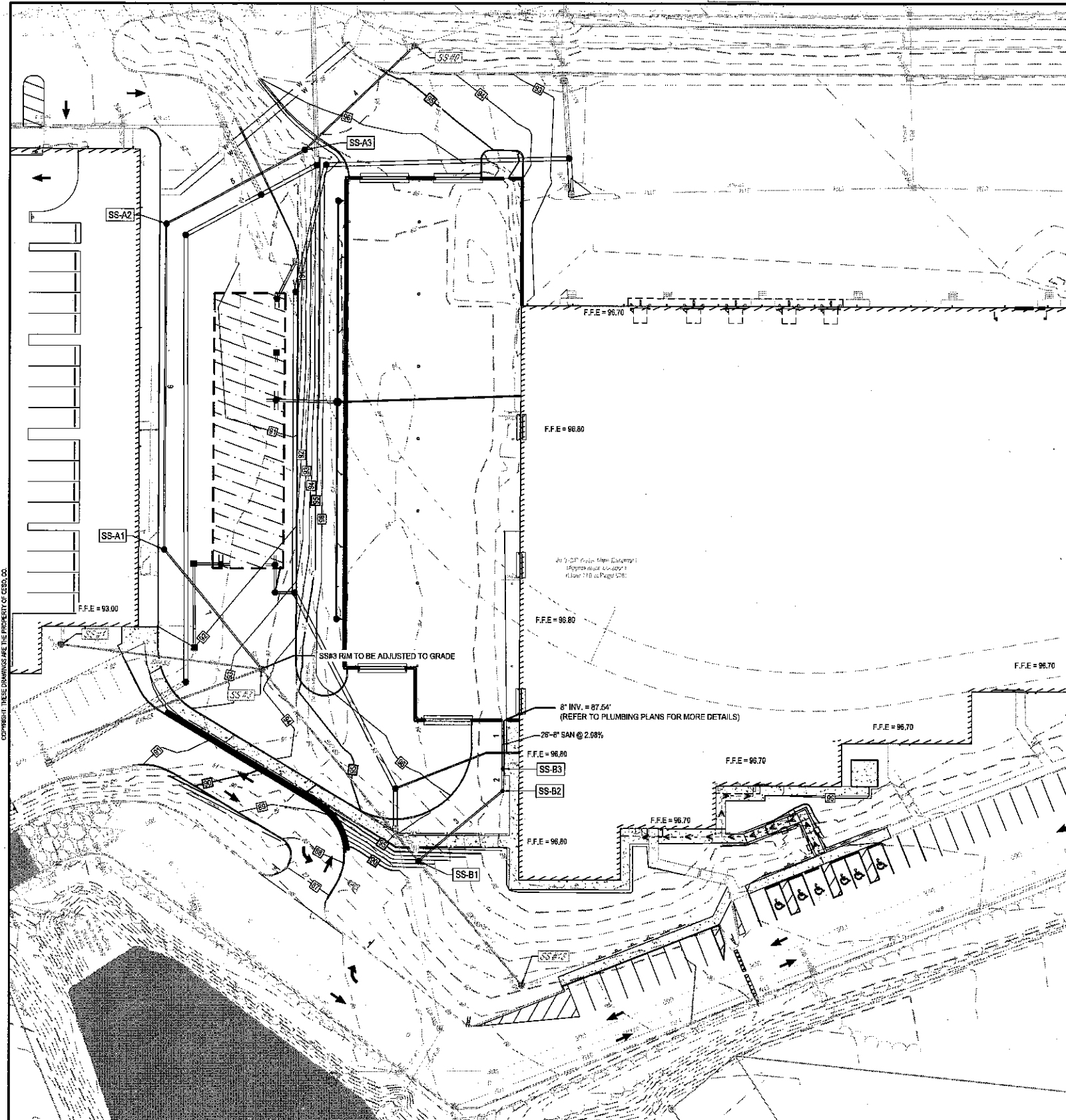


08/07/2020
 ISSUE: FOR PERMIT
 DATE: 08/04/20
 JOB NO.: 757194
 SCALE: 1" = 30'
 DESIGN: T. LEJA
 DRAWN: T. LEJA
 CHECKED: J. KOCINSKI
 DRAWING TITLE

UTILITY PLAN - STORM

SHEET NO. C5.1

200 & 400 CANTON DRIVE, ELIENAVILLE, NY 12513



LEGEND

EXISTING

REFER TO LEGEND ON C2.0

PROPOSED

- SANITARY STRUCTURE NUMBER
- SANITARY STANDARD MANHOLE
- SANITARY CLEANOUT
- MAJOR CONTOUR
- MINOR CONTOUR
- STORMWATER DETENTION SYSTEM. REFER TO DETAILS ON SHEET SERIES C7.0.

SANITARY SEWER SCHEDULES

SANITARY SEWER STRUCTURE SCHEDULE				SANITARY SEWER PIPE TABLE			
NO.	STRUCTURE	RIM	INVERT	PIPE NAME	DIAMETER	LENGTH	SLOPE
SS-A1	48" MH	92.00	80.61 (8") SE - 5	1.	8"	25'	2.08%
			80.41 (8") W - 7	2.	8"	12'	2.08%
SS-A2	48" MH	91.92	81.68 (8") S - 5	3.	8"	58'	1.00%
			81.96 (8") NW - 6	4.	8"	80'	0.90%
SS-A3	48" MH	94.42	82.29 (8") S - 4	5.	8"	82'	0.50%
			82.09 (8") N - 5	6.	8"	172'	0.87%
SS-B1	48" DROP MH	94.00	72.20 (8") W - EX1-SS	7.	8"	81'	5.43%
			86.20 (6") S - 3	EX1-SS	8"	85'	0.79%
SS-B2	8" CO	96.65	86.78 (8") SE - 2	EX2-SS	8"	19'	0.79%
			86.78 (8") N - 3	EX3-SS	8"	111'	0.79%
SS-B3	8" CO	98.70	87.02 (8") SE - 1	EX4-SS	8"	106'	2.53%
			87.02 (8") NW - 2	EX5-SS	8"	112'	0.26%
SS #1	EXISTING MH	93.22	86.89 (8") SW - EX4-SS				
SS #3	EXISTING MH W/ PROPOSED DROP	93.18	71.18 (8") W - EX3-SS				
			83.93 (6") NE - EX4-SS				
			76.00 (8") E - 7				
SS #9	EXISTING MH	97.09	82.89 (8") N - 4				
SS #13	EXISTING MH	90.17	72.87 (8") E - EX1-SS				

NOTE:
 * REFER TO SHEET C5.5 FOR SANITARY PROFILES.
 * REFER TO SURVEY FOR EXISTING STRUCTURE RIM AND INVERT ELEVATIONS.

NO.	DATE	REVISION DESCRIPTION
1	03/02/20	FOR PERMIT
2	03/04/20	FOR PERMIT
3	03/04/20	FOR PERMIT
4	03/04/20	FOR PERMIT
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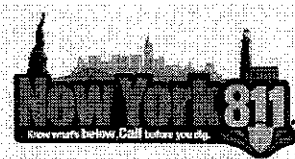
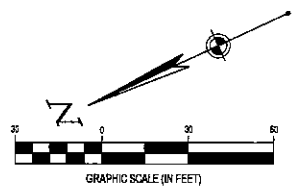
DELIVERY STATION



ISSUE:	FOR PERMIT
DATE:	03/04/20
JOB NO.:	757184
SCALE:	1" = 30'
DESIGN:	T. LEJA
DRAWN:	T. LEJA
CHECKED:	J. KOCINSKI
DRAWING TITLE:	

UTILITY PLAN -
 SANITARY & WATER

SHEET NO.
 C5.2



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 811 CALL.

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	816832.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.48 N, 841528.88 E

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAD 1983 DATUM)

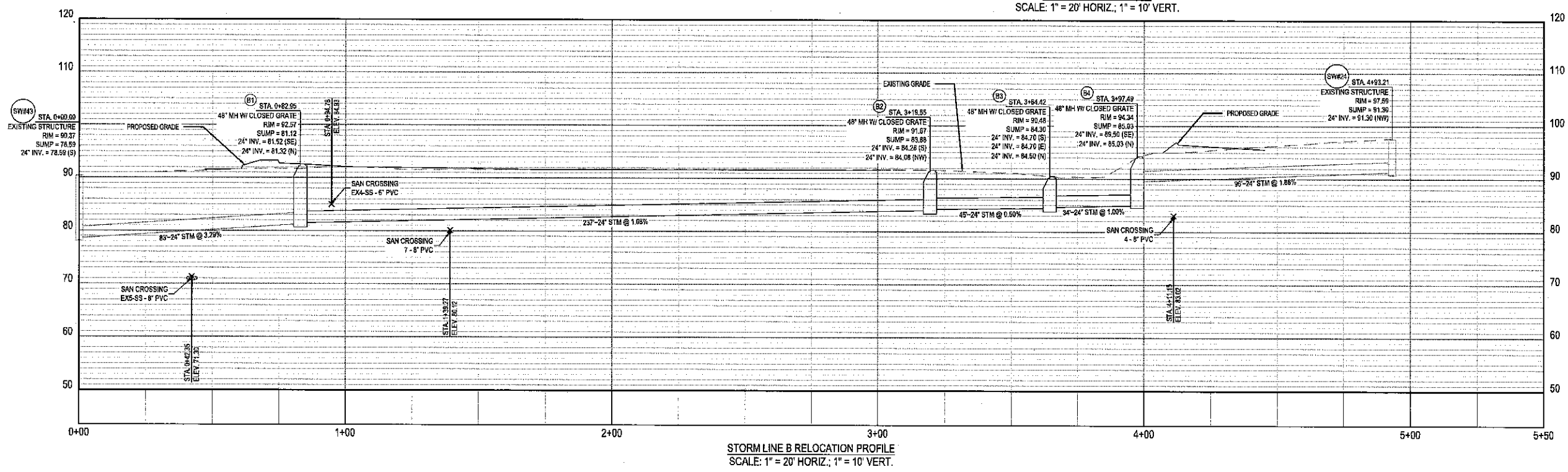
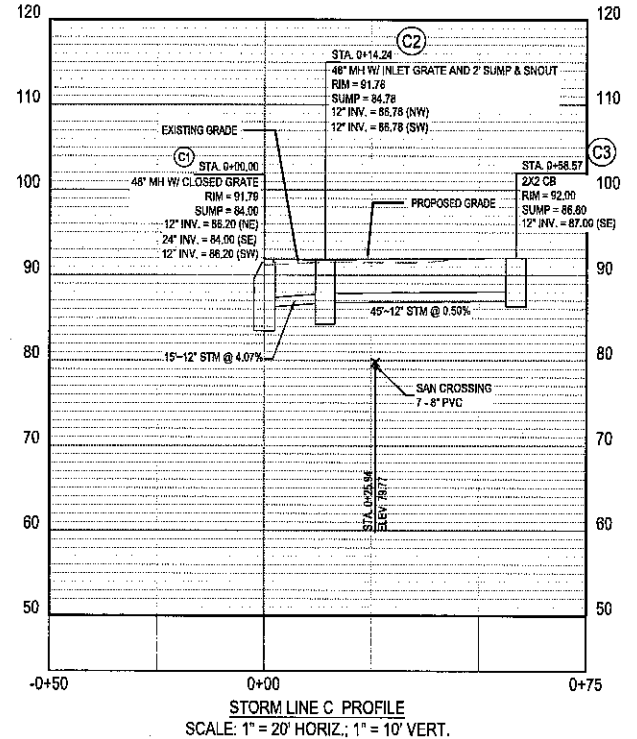
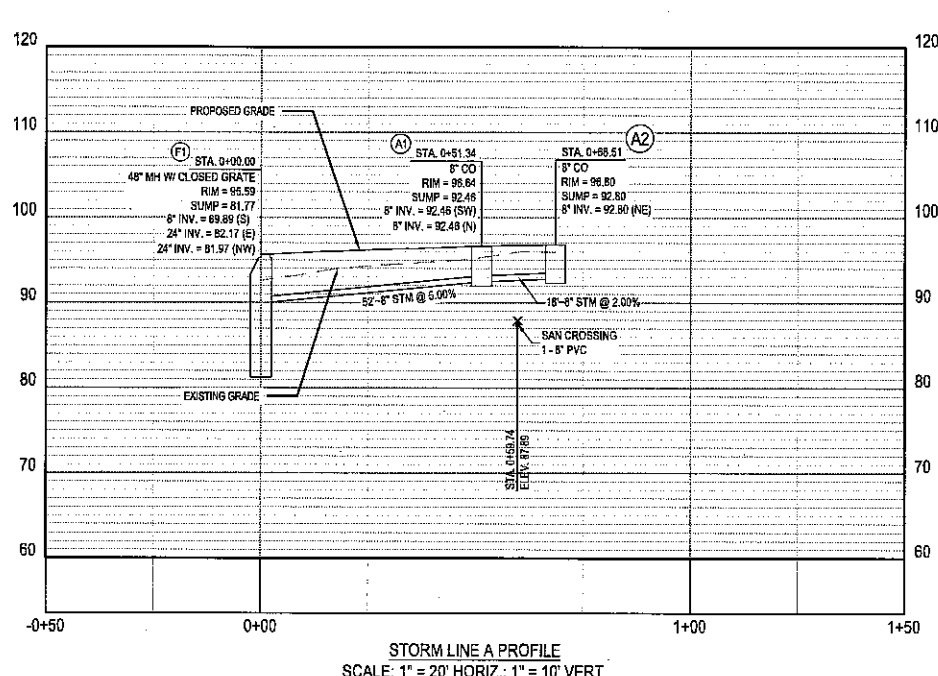
SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3825 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 582-1883
 CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.I.R.M. NO. 38087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

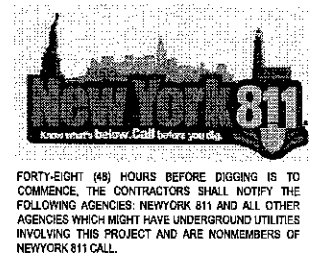
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208 & 400 CRTIAN DRIVE BLAUVELT, NY 08943



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REFER TO CONSTRUCTION DETAILS ON SHEET SERIES C7.0



BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	818832.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.45 N, 641528.88 E

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

SURVEY (DATED 10/31/2019) BY:
BLEY & ASSOCIATES, PA
3625 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 582-1883
CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEY & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

FLOODPLAIN DESIGNATION:
ACCORDING TO F.L.R.M. NO. 3887C-0173-G BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

NO.	DATE	REVISION DESCRIPTION
1	08/04/20	ISSUE FOR PERMIT
2	08/04/20	FOR REVIEW
3	08/04/20	FOR REVIEW
4	08/04/20	FOR REVIEW
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20	08/04/20	FOR REVIEW

DELIVERY STATION

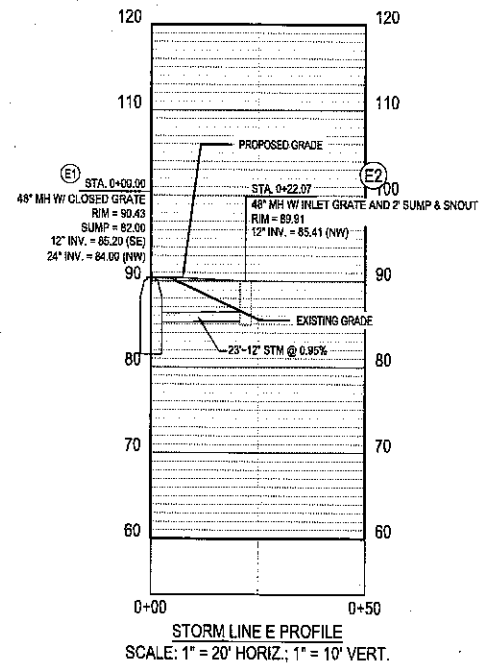
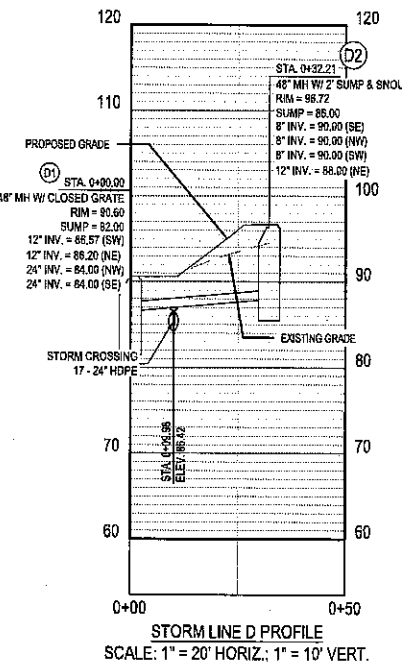
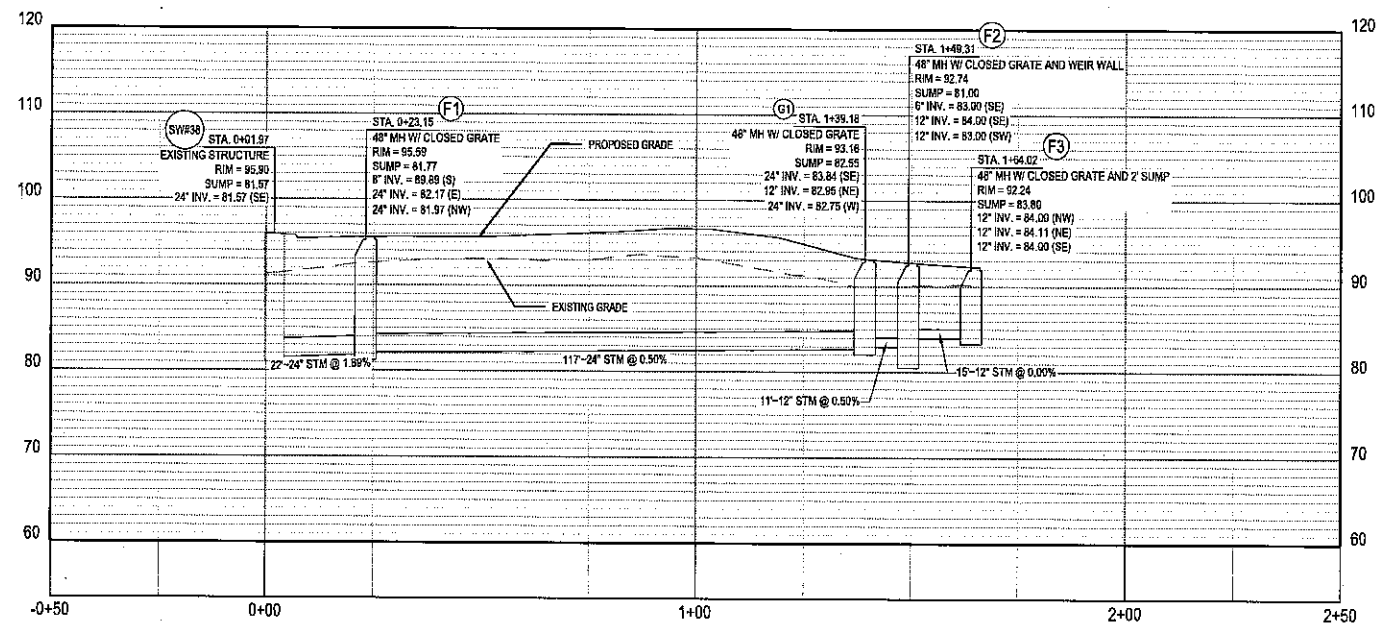
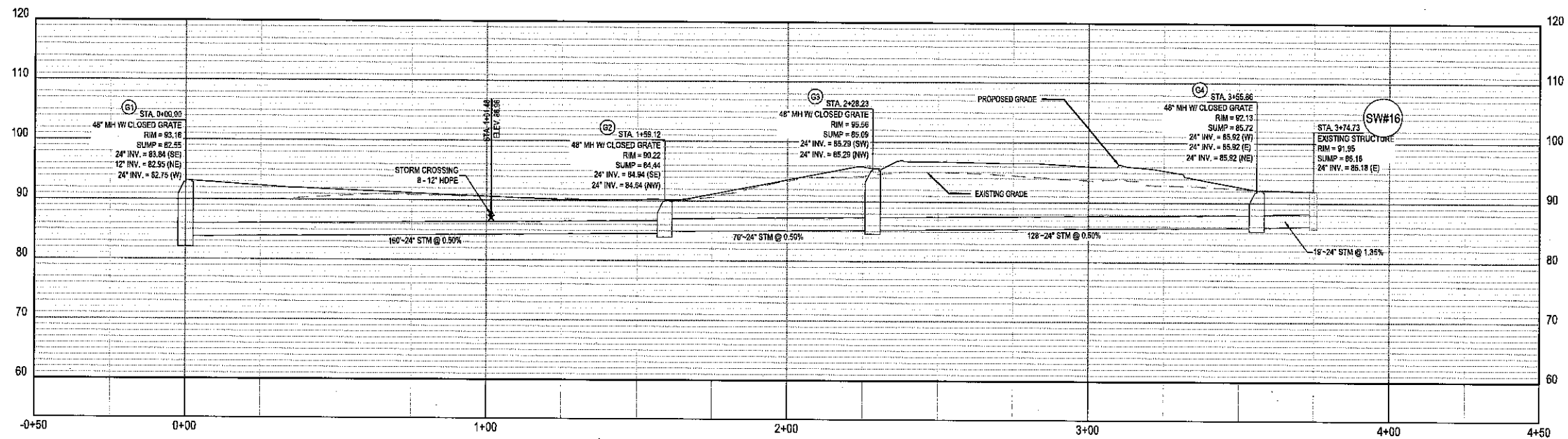
200 & 400 CORTLAND DRIVE, BLAUVELT, NY 10813



08/07/2020
ISSUE FOR PERMIT
DATE: 08/04/20
JOB NO.: 757184
SCALE: 1" = 20'
DESIGN: T. LEJA
DRAWN: T. LEJA
CHECKED: J. KOONSKI
DRAWING TITLE

STORM PROFILES

SHEET NO.
C5.3



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FLOODPLAIN DESIGNATION:
ACCORDING TO F.J.R.M. NO. 36987C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE 'X' (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE MEMBERS OF NEW YORK 811 CALL.

BENCHMARK			
DESCRIPTION	ELEVATION	NORTHING/EASTING	
BM 1	1" PIPE	93.58 FT	816882.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	818738.46 N, 641528.89 E

ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAD 1983 DATUM)

SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 962-1883
CONTACT: PAXTON SINGLETON

CEISO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA, CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

REFER TO CONSTRUCTION DETAILS ON SHEET SERIES C7.0

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
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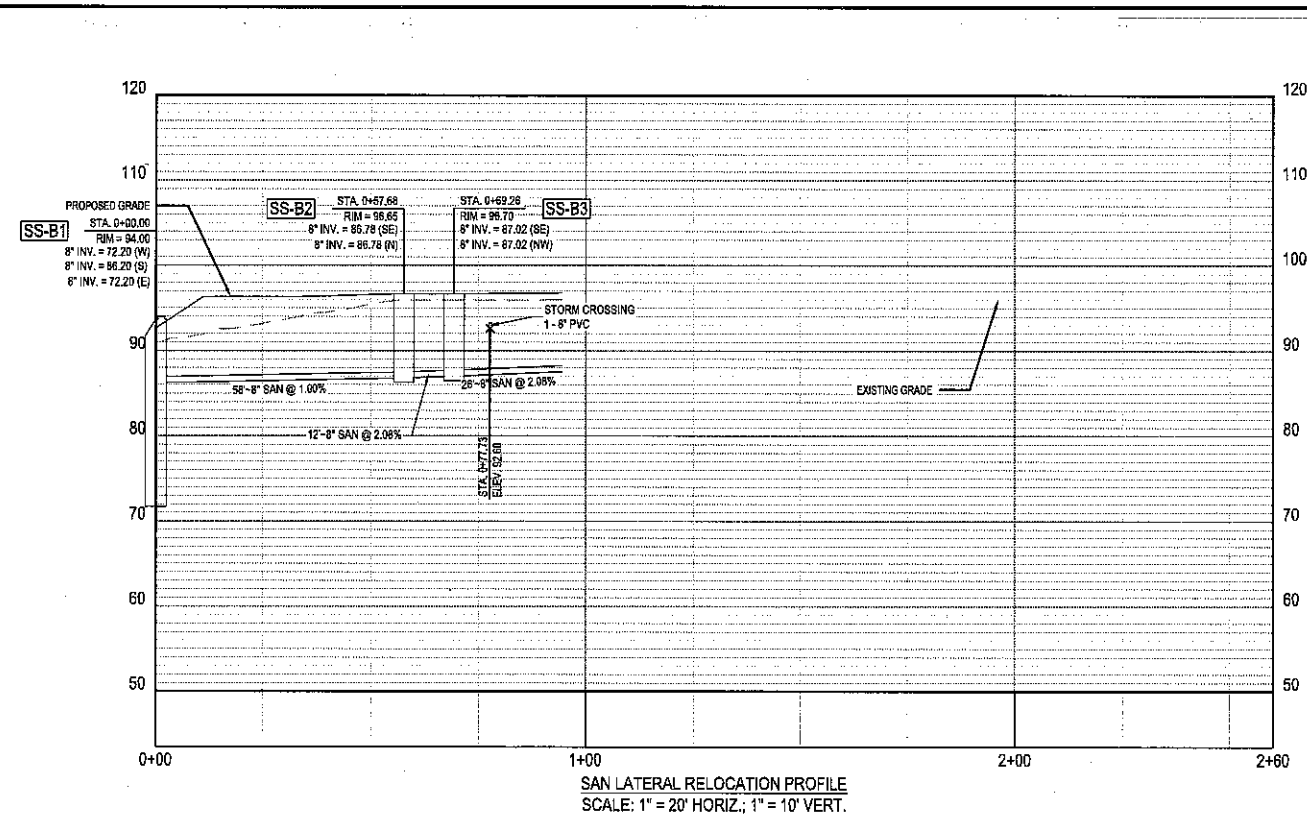
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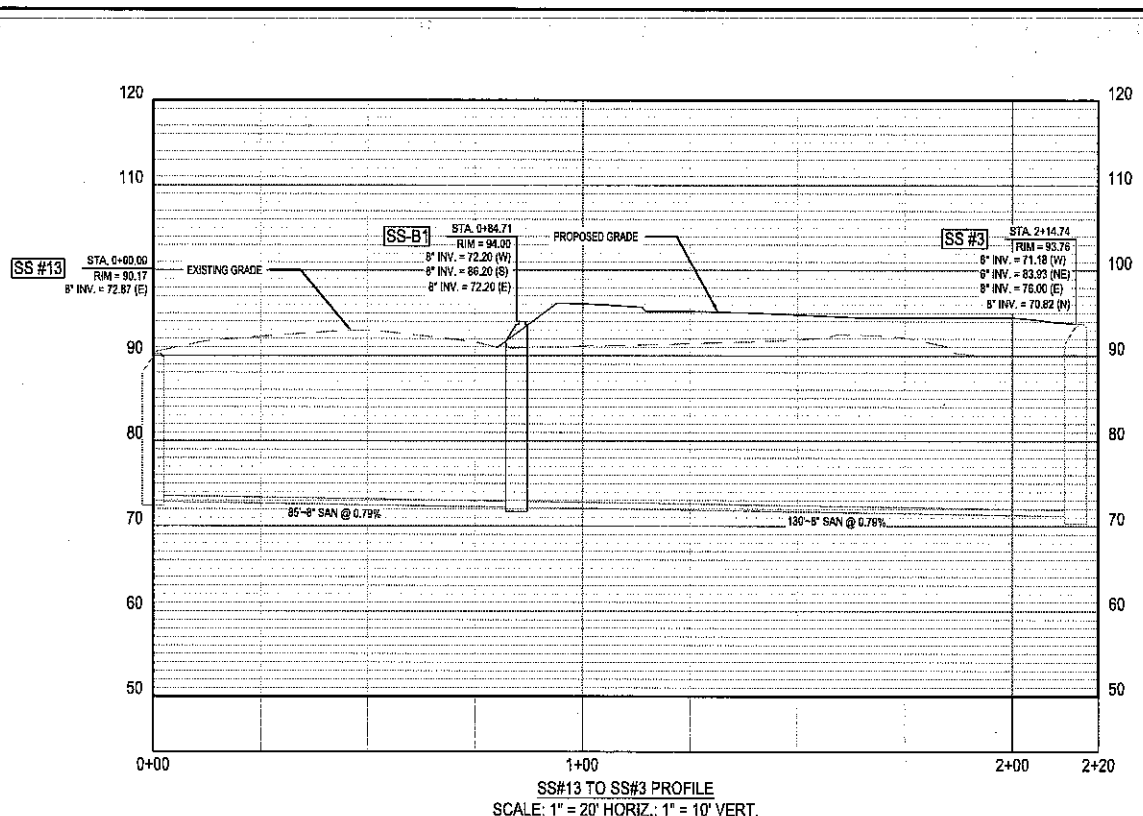
08/07/2020
ISSUE FOR PERMIT
DATE 08/04/20
JOB NO.: 757184
SCALE: 1" = 20'
DESIGN: T. LEJA
DRAWN: T. LEJA
CHECKED: J. KOCINSKI
DRAWING TITLE

STORM PROFILES
SHEET NO. C5.4

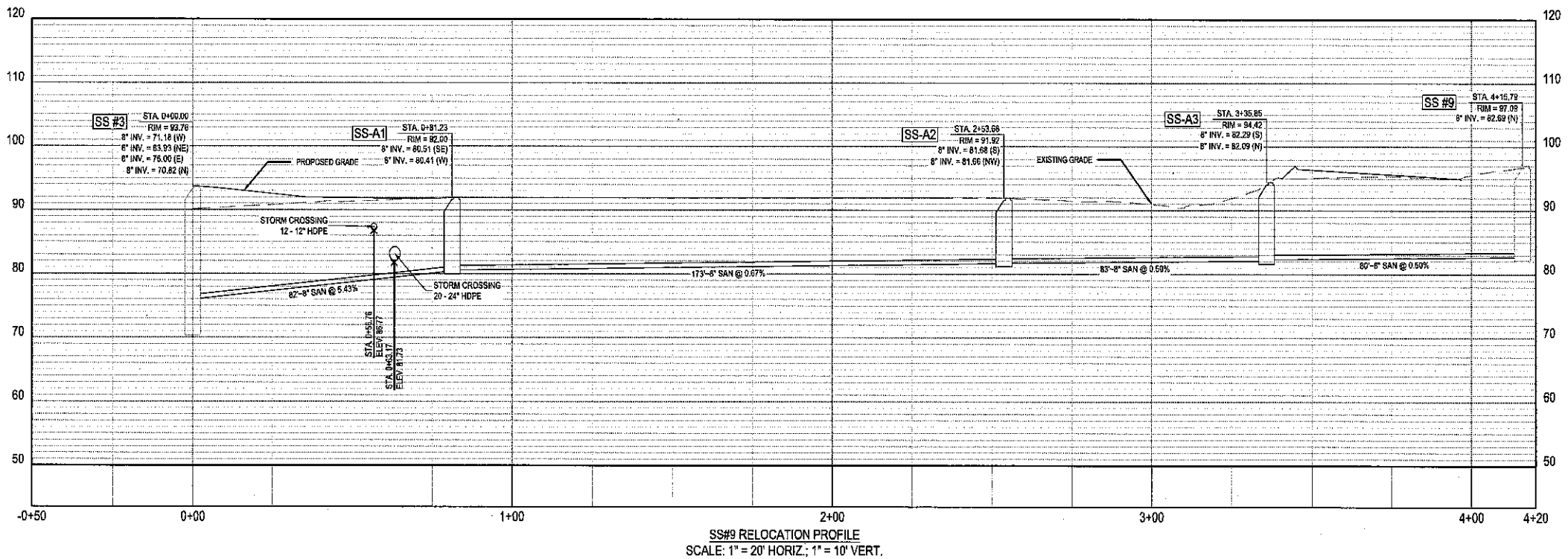
200 S. 400 CORTLAND DRIVE, BLAUVELT, NY 10813



SAN LATERAL RELOCATION PROFILE
SCALE: 1" = 20' HORIZ.; 1" = 10' VERT.



SS#13 TO SS#3 PROFILE
SCALE: 1" = 20' HORIZ.; 1" = 10' VERT.



SS#9 RELOCATION PROFILE
SCALE: 1" = 20' HORIZ.; 1" = 10' VERT.

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FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 311 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 311 CALL.

REFER TO CONSTRUCTION DETAILS ON SHEET SERIES CT.0

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	816832.73 N, 641443.82 E
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SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 582-1883
CONTACT: PAXTON SINGLETON

CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

FLOODPLAIN DESIGNATION:
ACCORDING TO F.J.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/09/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

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DELIVERY STATION

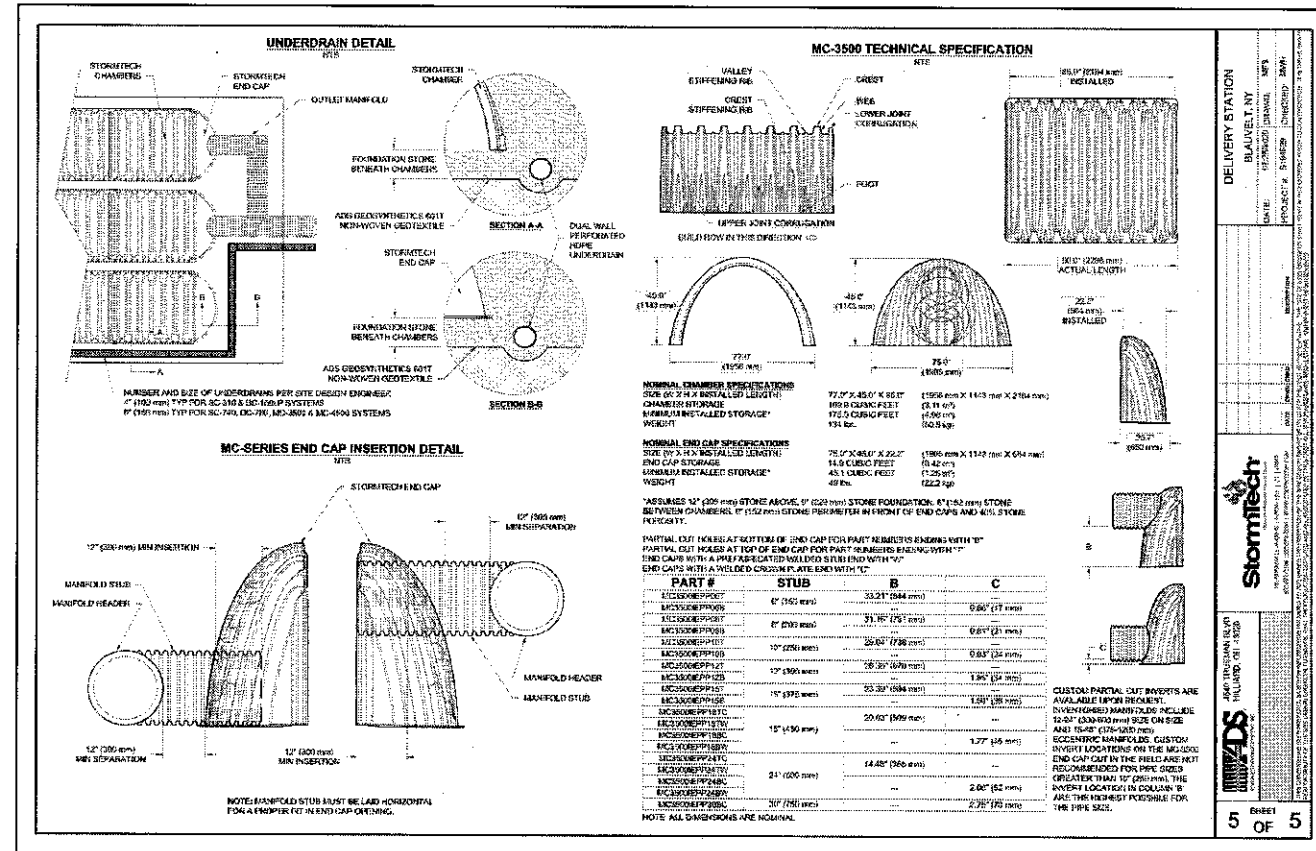
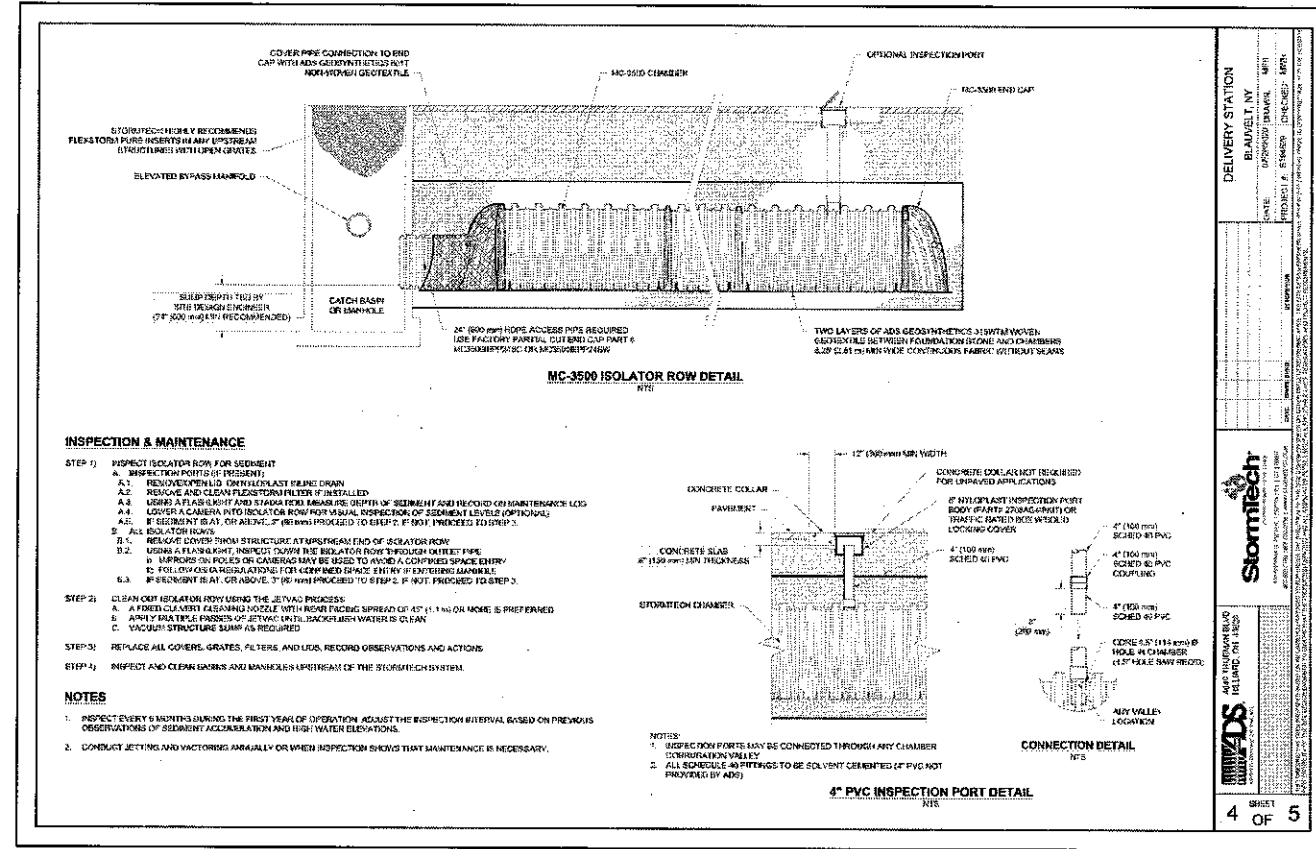


08/07/2020
ISSUE FOR PERMIT
DATE: 08/04/20

JOB NO.: 757184
SCALE: 1" = 20'
DESIGN: T. LEJA
DRAWN: T. LEJA
CHECKED: J. KOCINSKI
DRAWING TITLE

SANITARY PROFILES

SHEET NO. C5.5



NO.	DATE	REVISION DESCRIPTION
1		
2		
3		

DELIVERY STATION



08/07/2020
 ISSUE FOR PERMIT
 DATE: 08/04/20
 JOB NO.: 787194
 SCALE:
 DESIGN: T. LEJA
 DRAWN:
 CHECKED: J. KOOWSKI
 DRAWING TITLE

STORMTECH DETAILS

EROSION AND SEDIMENT CONTROL NARRATIVE

SITE ADDRESS: 200 & 400 ORITANI DRIVE
BLAUVELT, NEW YORK 10913

EXISTING SITE CONDITIONS: THE EXISTING SITE CONSISTS OF A WAREHOUSE / OFFICE BUILDING, PARKING LOT, ASPHALT AND CONCRETE PAVEMENT AREAS AND GREEN SPACE.

THE SUBJECT PARCEL IS LOCATED WITHIN "ZONE X" (AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS INDICATED BY THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY-PANEL NUMBER 36057C-0179-G, EFFECTIVE DATE: MARCH 3, 2014; PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

PROJECT DESCRIPTION: THE PROJECT CONSISTS OF REMODEL AND PARTIAL DEMOLITION OF THE EXISTING WAREHOUSE & OFFICE SPACE. ADDITIONAL BUILDING EXPANSION, PAVEMENT, AND GREEN SPACE IS BEING ADDED.

TOTAL SITE AREA: 37.61 ACRES

DISTURBED AREA: 1.98 ACRES
PRE-CONSTRUCTION IMPERVIOUS ACREAGE = 1.45 ACRES
POST-CONSTRUCTION IMPERVIOUS ACREAGE = 1.65 ACRES

RUNOFF: THE PRE-CONSTRUCTION RUNOFF CURVE NUMBER IS 86.
THE POST-CONSTRUCTION RUNOFF CURVE NUMBER IS 89.

SITE DRAINS TO: AN EXISTING STORMWATER MANAGEMENT POND WEST OF THE EXISTING BUILDINGS ON SITE.

SITE BMPs: FINAL LOCATIONS OF ALL SITE BMPs INCLUDE DUMPSTER, VEHICLE FUELING AREAS, CONCRETE TRUCK WASH, MATERIAL STORAGE, AND TOPSOIL STOCKPILES SHALL BE DETERMINED BY CONTRACTOR. IF FINAL LOCATION OF BMPs DIFFER FROM THE LOCATIONS SHOWN, CONTRACTOR SHALL MODIFY SWPPP AND INFORM NEW YORK STATE OF NEW LOCATION OF BMPs.

ADJACENT AREAS: NORTH: LABORATORY OFFICE (LO)
SOUTH: LOW DENSITY RESIDENTIAL (R-40), LABORATORY OFFICE (LO)
EAST: LIGHT INDUSTRIAL OFFICE (LIO), LIGHT INDUSTRIAL (LI)
WEST: LOW DENSITY RESIDENTIAL (R-40)

SOILS IN LOD: ReB RIVERHEAD FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES 100.0%

REFER THIS SHEET FOR SOILS MAP BOUNDARIES.

EROSION AND SEDIMENT CONTROL MEASURES: PROVIDE INLET PROTECTION OF ALL NEW AND EXISTING DRAINAGE STRUCTURES INDICATED ON THIS PLAN.

ANY OFF-SITE BORROW OR SPOIL AREAS SHALL BE SUBJECT TO THE REQUIREMENTS SET FORTH BY THE TOWN OF ORANGETOWN. ALL EROSION AND SEDIMENT CONTROL MEASURES FOR OFF-SITE AREAS NOT COVERED BY A SEPARATE NPDES PERMIT OR SWPPP SHALL BE COORDINATED WITH THE TOWN OF ORANGETOWN.

ALL TRENCH OR EXCAVATION GROUNDWATER CONTAINING SEDIMENT MUST BE EFFECTIVELY TREATED PRIOR TO DISCHARGE INTO THE STORM SEWER SYSTEM.

USE ANY MEANS NECESSARY AND ACCEPTABLE TO THE JURISDICTION TO CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF SITE.

CRITICAL AREAS: NONE

JURISDICTION: ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE TOWN OF ORANGETOWN.

INSPECTIONS: INSPECTIONS OF OUTFALLS/EPSC MEASURES SHALL BE INSPECTED AT LEAST TWICE WEEKLY AND AT LEAST 72 HOURS APART. COORDINATION OF THESE INSPECTIONS IS THE RESPONSIBILITY OF THE OWNER'S REPRESENTATIVE.

DOCUMENT INSPECTIONS WEEKLY AND SUBMIT INSPECTION REPORT MONTHLY. A COPY OF THIS SWPPP AND INSPECTION REPORT IS TO BE MADE AVAILABLE ON SITE AT ALL TIMES. ON-SITE SWPPP IS TO BE LOCATED IN THE JOB TRAILER.

OUTFALLS/EPSC AND OTHER PROTECTIVE MEASURES SHALL BE REPAIRED, REPLACED OR MODIFIED WITHIN 7 DAYS ACCORDING TO THE NEEDS IDENTIFIED IN THE INSPECTION REPORT.

SCHEDULE: CONSTRUCTION ESTIMATED START DATE: 10/01/2020
CONSTRUCTION ESTIMATED COMPLETION DATE: 10/01/2021

STORMWATER POLLUTION PREVENTION PLAN NOTES

SITE EPSC SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 1". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.

REMOVE TRAPPED SEDIMENT FROM SEDIMENT CONTROLS AT OR BEFORE 50% OF DESIGN CAPACITY.

ALL AREAS TO REMAIN BARE GREATER THAN 7 DAYS MUST BE TEMPORARILY STABILIZED.

THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS IN THE STREET.

GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STONE LAYER OF THE CONSTRUCTION ENTRANCE.

STRAW BALES SHALL NOT BE USED AS A FORM OF EROSION CONTROL.

ALL EPSC PROPOSED MUST BE INSTALLED TO CONTROL RAINFALL AND RUNOFF FOR THE 2-YR, 24-HOUR STORM EVENT.

QUALITY ASSURANCE INSPECTION OF EROSION AND SEDIMENT CONTROLS SHALL BE PERFORMED WITHIN ONE MONTH OF CONSTRUCTION COMMENCING PER SECTION IV OF THE STATE OF NEW YORK NPDES PERMIT GUIDELINES.

- ALL EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED ACCORDING TO: SWPPP AND DETAIL PLANS, ACCORDING TO THE LATEST NEW YORK AUTHORIZATION FOR CONSTRUCTION ACTIVITY UNDER THE "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES); ANY AND ALL REQUIRED PERMITS, REPORTS, AND RELATED DOCUMENTS. SEE TOWN OF ORANGETOWN CODE FOR SWPPP RULES AND REGULATIONS. ALL CONTRACTORS MUST BECOME FAMILIAR WITH ALL OF THE ABOVE. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AND GRADE CHANGES TO THE SITE AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE MAXIMUM EXTENT POSSIBLE OR AS REQUIRED BY THE GENERAL PERMIT. DO NOT DISTURB AREA OUTSIDE OF THE LIMITS OF DISTURBANCE (L.O.D.).
- SEDIMENT STRUCTURE AND PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING WITHIN SEVEN (7) DAYS FROM THE START OF CLEARING AND GRUBBING, AND SHALL CONTINUE TO FUNCTION UNTIL THE SLOPE DEVELOPMENT AREA IS RESTABILIZED.
- PERMANENT SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF VEGETATION, LANDSCAPE TYPE, MULCHING, MATTING, SOD, RIP RAP, AND OTHER APPROVED LANDSCAPING TECHNIQUES TO BE APPLIED AS FOLLOWS:
WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR ONE (1) YEAR OR MORE.
WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM AT FINAL GRADE.
WITHIN SEVEN (7) DAYS FOR ANY OTHER AREA AT FINAL GRADE.
- TEMPORARY SOIL STABILIZATION OF DISTURBED AREAS BY MEANS OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION, AND OTHER APPROVED TECHNIQUES TO BE APPLIED AS FOLLOWS:
WITHIN TWO (2) DAYS OF ANY AREA WITHIN 50 FEET OF A STREAM NOT AT FINAL GRADE, WITHIN SEVEN (7) DAYS OF ANY AREA THAT WILL BE DORMANT FOR MORE THAN FOURTEEN (14) DAYS, BUT LESS THAN ONE (1) YEAR, PRIOR TO THE ONSET OF WINTER WEATHER FOR AREAS THAT WILL BE IDLE OVER WINTER.
- TEMPORARY SEEDING, MULCHING, AND FERTILIZER SPECIFICATIONS:
SEEDING: ANNUAL RYEGRASS AT 2.02 #/1,000 S.F.
MULCHING: STRAW MATERIAL SHALL BE UNROOTED SMALL GRAIN STRAW APPLIED AT A RATE OF TWO (2) TON/ACRE, OR 80-100 POUNDS PER 1,000 S.F. MULCH MATERIALS SHALL BE RELATIVELY FREE OF ALL KINDS OF WEEDS AND SHALL BE FREE OF PROHIBITIVE NOXIOUS WEEDS. MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICAL MEANS, FROM NOVEMBER 01 THROUGH MARCH 15 INCREASE THE RATE OF STRAW MULCH TO THREE (3) TON/ACRE.
FERTILIZER: APPLY FERTILIZER AT HALF THE RATE OF PERMANENT APPLICATION AND AS PER STATE DOT SPECIFICATIONS. IF PROJECT CONDITIONS PREVENT FERTILIZING THE SOIL, THEN THIS ITEM MAY BE WAIVED.
- PERMANENT SEEDING SHALL BE IN ACCORDANCE WITH NEW YORK STATE STANDARD SPECIFICATIONS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION. ALL SLOPES 3:1 OR GREATER THAN 3:1 SHALL BE FERTILIZED, SEEDED, EROSION CONTROL BLANKETS INSTALLED, AND LOW MAINTENANCE GRASS SEED MIX APPLIED ON THE SLOPES, AS SPECIFIED IN THE PLANS.
- NO SOLID (OTHER THAN SEDIMENT) OR LIQUID WASTE, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED IN STORM WATER RUNOFF. ALL NON-SEDIMENT POLLUTANTS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL GUIDELINES. WASH OUT OF CEMENT TRUCKS SHOULD OCCUR IN DESIGNATED PIT OR DIKED AREAS, WHERE WASHINGS CAN BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE WHEN THEY HARDEN. STORAGE TANKS SHOULD ALSO BE LOCATED IN PIT OR DIKED AREAS. IN ADDITION, SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CLEAN AND CONTAIN FUEL AND CHEMICAL SPILLS MUST BE KEPT ON SITE.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE STABILIZED CONSTRUCTION EXIT DOES NOT SUFFICIENTLY REMOVE MOST OF THE DIRT AND MUD, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- DUST CONTROL USING APPROVED MATERIALS MUST BE PERFORMED AT ALL TIMES. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
- ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION BY THE USE OF BEST MANAGEMENT PRACTICES. THESE AREAS MUST BE SHOWN IN THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS. AT A MINIMUM, A SILT FENCE IS TO BE PLACED AT PERIMETER OF STOCKPILE AREA TO PREVENT SOIL FROM LEAVING THE STOCKPILE AREA.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE ROADWAYS OR INTO THE STORM SEWERS MUST BE REMOVED IMMEDIATELY.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR ASPHALT FOR ROAD CONSTRUCTION.

- THE LAST LAYER OF SOIL, INCLUDING TOP SOIL, SHALL BE COMPACTED TO 80% - 85% OF THE MAXIMUM STANDARD PROCTOR DENSITY, IN AREAS OUTSIDE THE PARKING LOT THAT WILL RECEIVE VEGETATION. THIS IS PARTICULARLY IMPORTANT IN CUT SLOPE AND EMBANKMENT AREAS, IN PAVEMENT AND ISLAND AREAS. IT IS RECOMMENDED THAT THE SOIL BE COMPACTED TO 98% AND 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY RESPECTIVELY. THE LAST COMPACTED LAYER MAY BE SCARIFIED TO IMPROVE THE SOIL GROWTH CHARACTERISTICS.
- IN THE EVENT THAT HIGH GROUND WATER IS ENCOUNTERED, CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND IMPLEMENTING A PLAN TO CONTROL BOTH SURFACE AND GROUND WATER DURING THE COURSE OF CONSTRUCTION. ALL DEWATERING ACTIVITIES SHALL PASS THROUGH A BMP PRIOR TO LEAVING THE SITE.

INSPECTION/MAINTENANCE NOTES

FILTER BARRIERS, INCLUDING BUT NOT LIMITED TO SILT FENCE AND INLET PROTECTION, SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.

IF THE FABRIC DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE, AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE REPLACED PROMPTLY.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.

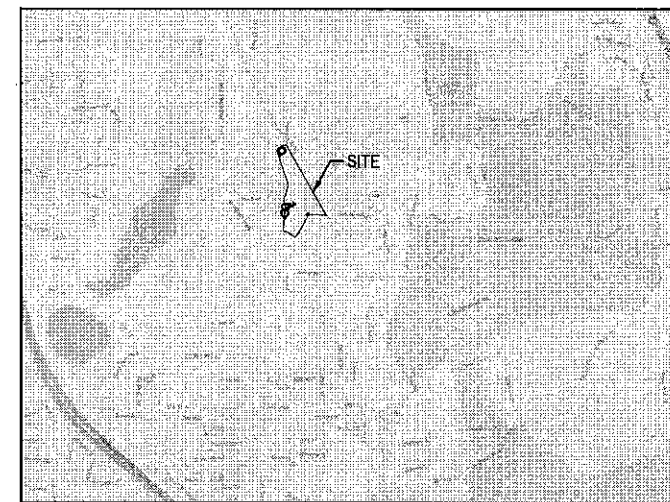
- ALL CONTROL MEASURES STATED IN THE SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PERSON IN ACCORDANCE TO THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED ACCORDING TO THE FOLLOWING:
 - INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND/OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEDED AS NEEDED.
 - SILT FENCES AND CHECK DAMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT ACCUMULATION MUST BE REMOVED WHEN SEDIMENT HEIGHT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE OR CHECK DAM.
 - OUTLET STRUCTURES IN SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT MUST BE REMOVED FROM BASINS AND OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 40%.
 - MINIMIZE OFF-SITE SEDIMENT TRACKING OF VEHICLES BY THE USE OF STONE MATERIAL IN ALL CONSTRUCTION ENTRANCES, ALONG WITH REGULARLY SCHEDULED SWEEPING/GOOD HOUSEKEEPING. STABILIZED CONSTRUCTION ENTRANCES TO BE PROPERLY MAINTAINED BY GENERAL CONTRACTOR AND IN GOOD WORKING ORDER AT ALL TIMES; THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE STONE AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE) BY GENERAL CONTRACTOR. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE, INCLUDING DETENTION BASINS AND STORM SEWER SYSTEMS. SEDIMENT DEPOSITION DURING SITE STABILIZATION MUST ALSO BE REMOVED.
- ALL RIP RAP MUST BE PLACED OVER GEOTEXTILE FILTER.
- STONE CONSTRUCTION EXIT TO BE MAINTAINED BY GENERAL CONTRACTOR UNTIL SITE HAS BEEN PAVED OR IS NO LONGER REQUIRED.

SOLID/HAZARDOUS WASTE NOTES

- CONTAINERS SHALL BE AVAILABLE FOR DISPOSAL OF DEBRIS, TRASH, HAZARDOUS OR PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THE PERTINENT MATERIAL.
- BRICKS, HARDENING CONCRETE AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.
- CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.
- ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&D) WASTE SHALL BE DISPOSED OF IN AN APPROVED C&D LANDFILL. CONSTRUCTION DEBRIS MAY BE DISPOSED OF ON-SITE, BUT DEMOLITION DEBRIS MUST BE DISPOSED OF IN AN APPROVED LANDFILL. ALSO, MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS.
- AREA SHALL BE DESIGNATED BY CONTRACTOR AND SHOWN ON SWPPP MAP FOR MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME, ASPHALT, OR CONCRETE. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREA.
- EQUIPMENT FUELING & MAINTENANCE SHALL BE IN DESIGNATED AREAS ONLY.
- A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE-GROUND STORAGE TANK OF 60 GALLONS OR MORE, TOTAL ABOVE-GROUND STORAGE OF 1,330 GALLONS OR BELOW-GROUND STORAGE OF 4,200 GALLONS OF FUEL.
- ALL DESIGNATED CONCRETE WASHOUT AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS OR OTHER STORMWATER DRAINAGE AREAS.
- ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED OF IN AN APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES.
- THE CONTRACTOR SHALL CONTACT THE TOWN OF ORANGETOWN, THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE IN THE EVENT OF A PETROLEUM SPILL (25 GALLONS) OR THE PRESENCE OF SHEEN.
- OPEN BURNING IS NOT PERMITTED ON THE SITE.

GENERAL NOTES

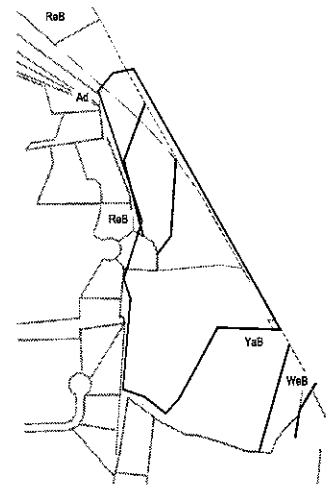
- ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED AS IDENTIFIED WITH THE TOWN OF ORANGETOWN AND LOCAL JURISDICTION INSPECTOR.
- CONTRACTOR SHALL REVIEW THE COMPLETE DRAWING SET AND NOTIFY THE DESIGN PROFESSIONAL IN WRITING PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE FOUND WITHIN THE DRAWINGS OR WITH ACTUAL FIELD CONDITIONS.
- ALL STORMWATER POLLUTION PREVENTION PLANS, NOTES AND DETAILS SHALL COMPLY WITH THE VILLAGE OF COLONIE CODE AND THE NEW YORK STATE STANDARDS.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN EROSION CONTROL MEASURES UNTIL ADEQUATE RE-VEGETATION AND STABILIZATION ARE ACHIEVED.
- CONTRACTOR SHALL PROVIDE AND POST NOTICE OF INTENT (NOI) WITH PROJECT DESCRIPTION AND CONTACT NUMBERS.
- CONTRACTOR SHALL MODIFY THE SEQUENCE OF CONSTRUCTION BASED ON MEANS AND METHODS. ALL EROSION AND SEDIMENT CONTROL MEASURES FROM THE BEGINNING OF EARTH DISTURBING ACTIVITIES TO THE FINAL COMPLETION OF THE PROJECT ARE THE RESPONSIBILITY OF THE SITE WORK CONTRACTOR.



VICINITY MAP
1" = 2,000'

REFER TO SHEETS [FIELD] TO [FIELD] FOR SWPPP DETAILS
REFER TO SHEETS [SHEET] SERIES FOR GRADING PLAN

##### DEPARTMENT OF ENVIRONMENT AND CONSERVATION STANDARD CONSTRUCTION DETAILS			
DWG NUMBER	DESCRIPTION	DWG NUMBER	DESCRIPTION



SOIL MAP

NO.	DATE	REVISION DESCRIPTION
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

DELIVERY STATION



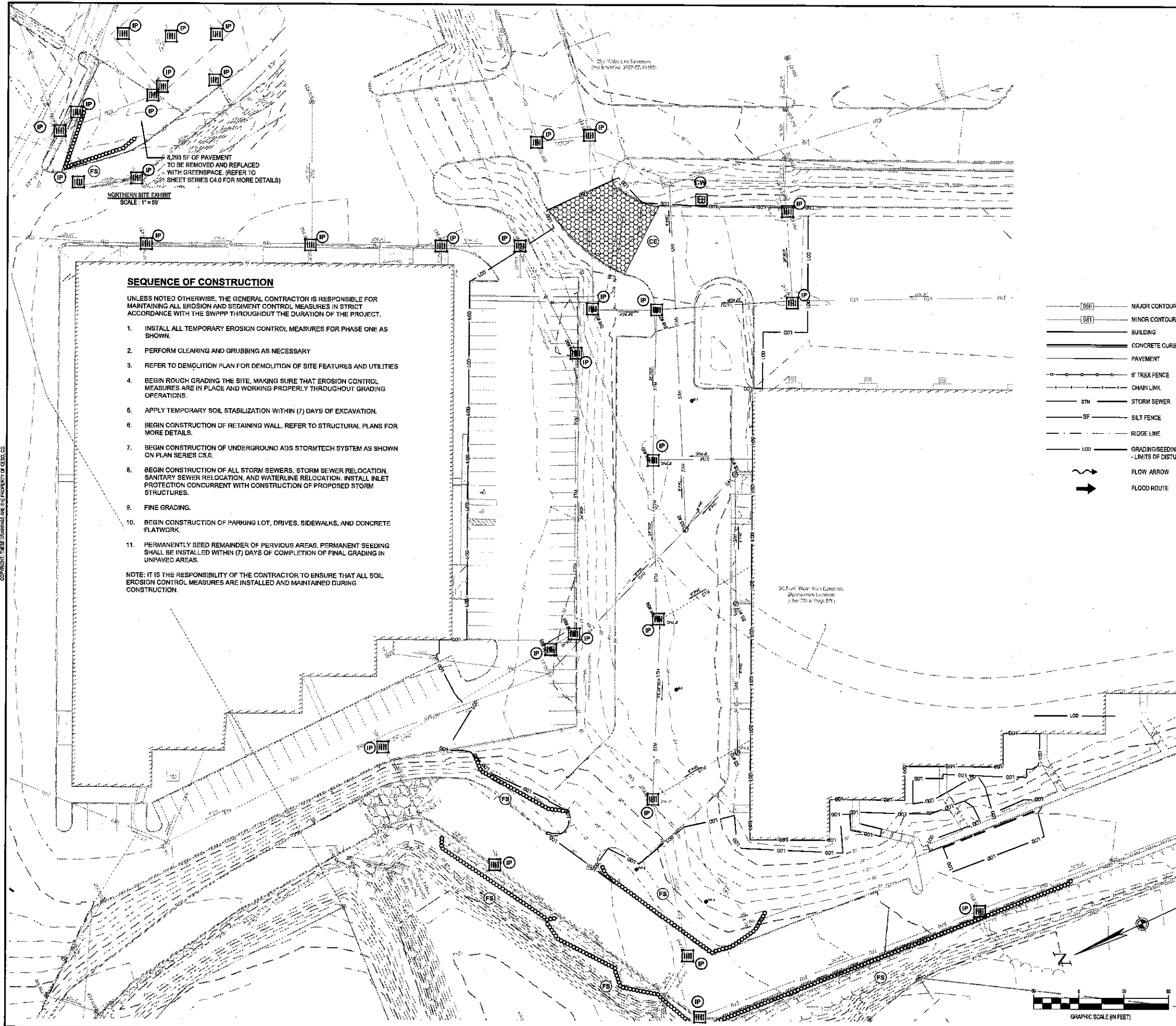
06/07/2020
ISSUE:
FOR PERMIT
DATE:
08/04/20

JOB NO.: 757184
SCALE: 1" = 80'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCINSKI
DRAWING TITLE:

SWPPP NOTES

SHEET NO.
C6.0

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SEQUENCE OF CONSTRUCTION

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

1. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES FOR PHASE ONE AS SHOWN.
2. PERFORM CLEARING AND GRUBBING AS NECESSARY.
3. REFER TO DEMOLITION PLAN FOR DEMOLITION OF SITE FEATURES AND UTILITIES.
4. BEGIN ROUGH GRADING THE SITE, MAKING SURE THAT EROSION CONTROL MEASURES ARE IN PLACE AND WORKING PROPERLY THROUGHOUT GRADING OPERATIONS.
5. APPLY TEMPORARY SOIL STABILIZATION WITHIN (7) DAYS OF EXCAVATION.
6. BEGIN CONSTRUCTION OF RETAINING WALL. REFER TO STRUCTURAL PLANS FOR MORE DETAILS.
7. BEGIN CONSTRUCTION OF UNDERGROUND ADS STORMTECH SYSTEM AS SHOWN ON PLAN SERIES C5.D.
8. BEGIN CONSTRUCTION OF ALL STORM SEWERS, STORM SEWER RELOCATION, SANITARY SEWER RELOCATION, AND WATERLINE RELOCATION. INSTALL INLET PROTECTION CONCURRENT WITH CONSTRUCTION OF PROPOSED STORM STRUCTURES.
9. FINE GRADING.
10. BEGIN CONSTRUCTION OF PARKING LOT, DRIVES, SIDEWALKS, AND CONCRETE FLATWORK.
11. PERMANENTLY SEED REMAINDER OF PERVIOUS AREAS. PERMANENT SEEDING SHALL BE INSTALLED WITHIN (7) DAYS OF COMPLETION OF FINAL GRADING IN UNPAVED AREAS.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.

GENERAL NOTES

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.
2. DEVELOPER/OWNER IS RESPONSIBLE TO MAINTAIN POST-CONSTRUCTION PERMANENT EROSION CONTROL MEASURES UNTIL ADEQUATE RE-VEGETATION AND STABILIZATION IS ACHIEVED.
3. CONTRACTOR SHALL REVIEW THE COMPLETE DRAWING SET AND NOTIFY THE DESIGN PROFESSIONAL IN WRITING PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND WITHIN THE DRAWINGS OR WITH ACTUAL FIELD CONDITIONS.
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6. SILT FENCE SHOWN OFF OF LIMITS OF DISTURBANCE FOR CLARITY PURPOSES ONLY. CONTRACTOR TO ENSURE SILT FENCE IS PLACED AT LIMITS OF DISTURBANCE. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ENGINEER PRIOR TO PLACEMENT OF ANY EROSION CONTROL MEASURES.

LEGEND

REFER TO LEGEND ON SHEET C2.D

- EXISTING**
- MAJOR CONTOUR
 - MINOR CONTOUR
 - BUILDING
 - CONCRETE CURB AND GUTTER
 - PAVEMENT
 - 6" TREX FENCE
 - CHAIN LINK
 - STM - STORM SEWER
 - SF - SILT FENCE
 - RIDGE LINE
 - LOD - GRADING/SEEDING LIMITS (L.O.D. - LIMITS OF DISTURBANCE)
 - FLOW ARROW
 - FLOOD ROUTE
- PROPOSED**
- IP - FILTER FABRIC DROP INLET PROTECTION
 - SS - SOIL STABILIZATION
 - FS - FILTER SOCK / STRAW BALE DIKE
 - OP - STORMWATER OUTFALL POINT
 - CE - STABILIZED CONSTRUCTION ENTRANCE (20' WIDE x 50' LONG)
 - CW - CONCRETE WASHOUT
 - EB - EROSION CONTROL BLANKET

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 1325 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 562-1883
 CONTACT: PAXTON SINGLETON

GESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.I.R.M. NO. 36087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/02/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN.

BENCHMARK

DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT 816632.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT 818739.46 N, 641528.88 E

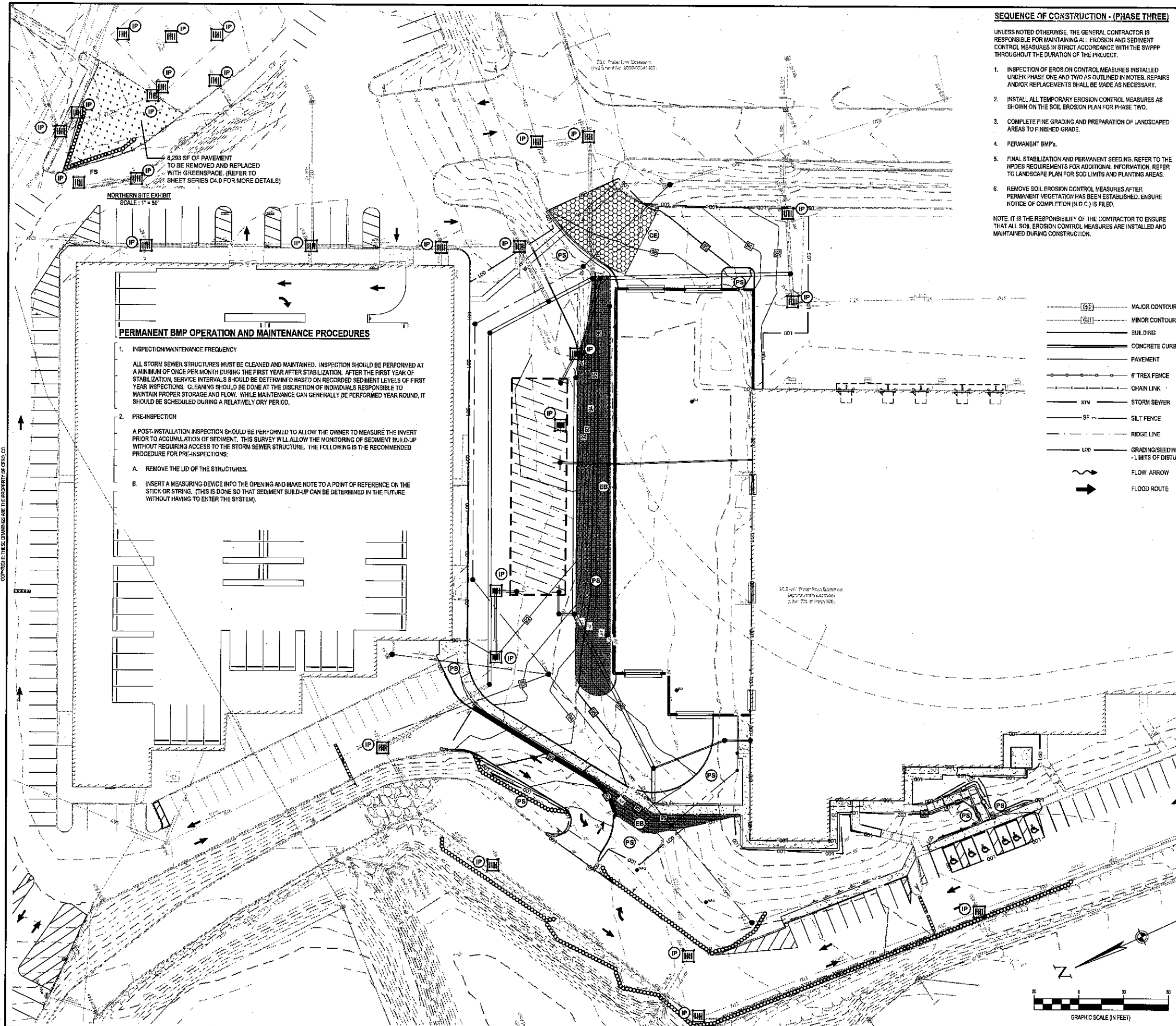
* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.



NO.	DATE	REVISION DESCRIPTION
DELIVERY STATION		
08/07/2020		
ISSUE FOR PERMIT		
DATE: 08/04/20		
JOB NO.:	757194	
SCALE:	1" = 30'	
DESIGN:	T. LEJA	
DRAWN:	S. BAILEY	
CHECKED:	J. KOCINSKI	
DRAWING TITLE		
SWPPP PLAN		
SHEET NO. C6.1		
191184 - C6.1 SWPPP PLAN.DWG - 8/7/2020 3:40 PM		



PERMANENT BMP OPERATION AND MAINTENANCE PROCEDURES

- INSPECTION/MAINTENANCE FREQUENCY**
ALL STORM SEWER STRUCTURES MUST BE CLEANED AND MAINTAINED. INSPECTION SHOULD BE PERFORMED AT A MINIMUM OF ONCE PER MONTH DURING THE FIRST YEAR AFTER STABILIZATION. AFTER THE FIRST YEAR OF STABILIZATION, SERVICE INTERVALS SHOULD BE DETERMINED BASED ON RECORDED SEDIMENT LEVELS OF FIRST YEAR INSPECTIONS. CLEANING SHOULD BE DONE AT THE DISCRETION OF INDIVIDUALS RESPONSIBLE TO MAINTAIN PROPER STORAGE AND FLOW. WHILE MAINTENANCE CAN GENERALLY BE PERFORMED YEAR ROUND, IT SHOULD BE SCHEDULED DURING A RELATIVELY DRY PERIOD.
- PRE-INSPECTION**
A POST-INSTALLATION INSPECTION SHOULD BE PERFORMED TO ALLOW THE OWNER TO MEASURE THE INVERT PRIOR TO ACCUMULATION OF SEDIMENT. THIS SURVEY WILL ALLOW THE MONITORING OF SEDIMENT BUILD-UP WITHOUT REQUIRING ACCESS TO THE STORM SEWER STRUCTURE. THE FOLLOWING IS THE RECOMMENDED PROCEDURE FOR PRE-INSPECTIONS:
 - REMOVE THE LID OF THE STRUCTURES.
 - INSERT A MEASURING DEVICE INTO THE OPENING AND MAKE NOTE TO A POINT OF REFERENCE ON THE STICK OR STRING. (THIS IS DONE SO THAT SEDIMENT BUILD-UP CAN BE DETERMINED IN THE FUTURE WITHOUT HAVING TO ENTER THE SYSTEM).

SEQUENCE OF CONSTRUCTION - (PHASE THREE)

- UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.
- INSPECTION OF EROSION CONTROL MEASURES INSTALLED UNDER PHASE ONE AND TWO AS OUTLINED IN NOTES. REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
 - INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE SOIL EROSION PLAN FOR PHASE TWO.
 - COMPLETE FINE GRADING AND PREPARATION OF LANDSCAPED AREAS TO FINISHED GRADE.
 - PERMANENT BMP'S.
 - FINAL STABILIZATION AND PERMANENT SEEDING. REFER TO THE NPDES REQUIREMENTS FOR ADDITIONAL INFORMATION. REFER TO LANDSCAPE PLAN FOR SOIL LIMITS AND PLANTING AREAS.
 - REMOVE SOIL EROSION CONTROL MEASURES AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED. ENSURE NOTICE OF COMPLETION (N.O.C.) IS FILED.
- NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.
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LEGEND

- REFER TO LEGEND ON SHEET C2.0
- EXISTING**
- MAJOR CONTOUR
 - MINOR CONTOUR
 - BUILDING
 - CONCRETE CURBS AND GUTTER
 - PAVEMENT
 - 6" TREX FENCE
 - CHAIN LINK
 - STIM
 - SF
 - RIDGE LINE
 - LOD
 - FLOW ARROW
 - FLOOD ROUTE
- PROPOSED**
- IP FILTER FABRIC DROP INLET PROTECTION
 - SB SOIL STABILIZATION
 - FS FILTER SOCK / STRAW BALE DIKE
 - OF STORMWATER OUTFALL POINT
 - CE STABILIZED CONSTRUCTION ENTRANCE (20' WIDE x 50' LONG)
 - CW CONCRETE WASHOUT
 - EB EROSION CONTROL BLANKET
 - PS PERMANENT SEEDING

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3825 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (478) 562-1883
 CONTACT: PAXTON SINGLETON

GESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.A.R.M. NO. 38631C-0179-C, BEARING AN EFFECTIVE DATE OF 03/02/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

BENCHMARK

	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.88 FT	815832.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.46 N, 841528.88 E

* ELEVATIONS ESTABLISHED WITH GPS STAT/OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

NO.	DATE	REVISION DESCRIPTION
1	08/04/20	ISSUE FOR PERMIT
2	08/04/20	DATE
3	08/04/20	JOB NO.: 757184
4	08/04/20	SCALE: 1" = 30'
5	08/04/20	DESIGN: T. LEJA
6	08/04/20	DRAWN: S. BAILEY
7	08/04/20	CHECKED: J. KOCINSKI
8	08/04/20	DRAWING TITLE

DELIVERY STATION

200 & 400 BRITANN DRIVE, BLAUVELT, NY 10913

08/07/2020

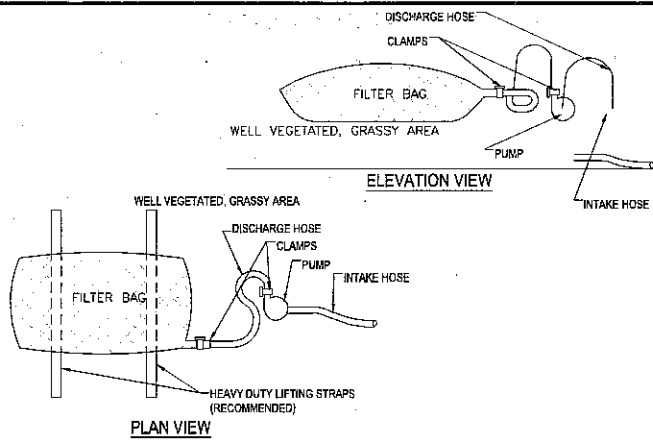
ISSUE FOR PERMIT
DATE: 08/04/20

JOB NO.: 757184
SCALE: 1" = 30'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCINSKI
DRAWING TITLE

SWPPP PLAN 2

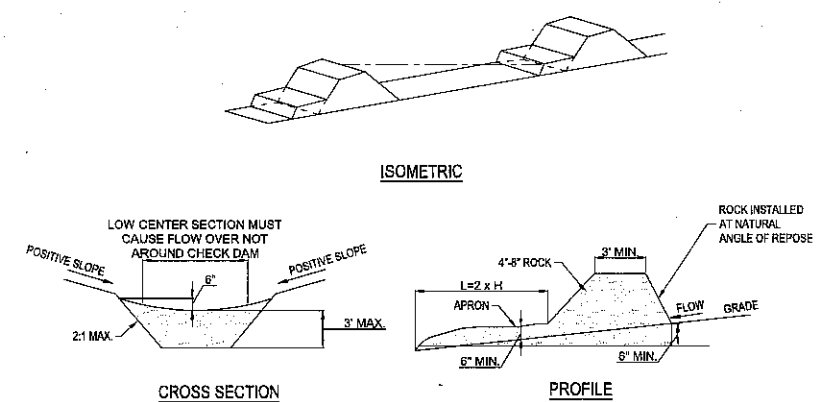
SHEET NO.
C6.2

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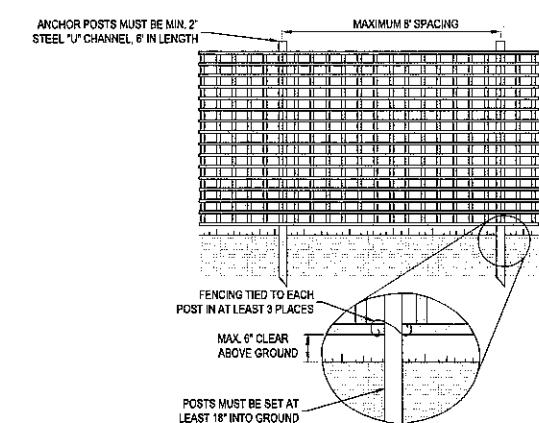
- NOTES:**
- LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "Y" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:
- | PROPERTY | TEST METHOD | MINIMUM STANDARD |
|--------------------------|-------------|------------------|
| AVG. WIDE WIDTH STRENGTH | ASTM D-484 | 90 LBS |
| GRAB TENSILE | ASTM D-482 | 200 LB |
| TEAR TENSILE | ASTM D-483 | 110 LB |
| MILLEN BURST | ASTM D-702 | 300 PSI |
| UV RESISTANCE | ASTM D-4355 | 70% |
| ASH % RETAINED | ASTM D-4751 | 80 SIEVE |
- BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5% CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.
 - NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HO OR WY WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.
 - THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.
 - THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.
 - FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.
 - A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

PUMPED WATER FILTER BAG
NTS



- NOTES:**
- THE CHECK DAM SHALL BE CONSTRUCTED OF 4-8 INCH DIAMETER STONE, PLACED SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL. FILTER FABRIC SHALL BE NON-WOVEN MEETING AASHTO M-288-06 FOR CLASS 1 APPLICATIONS.
 - MAXIMUM HEIGHT OF CHECK DAM SHALL NOT EXCEED 3.0 FEET.
 - THE MIDPOINT OF THE ROCK CHECK DAM SHALL BE A MINIMUM OF 6 INCHES LOWER THAN THE SIDES IN ORDER TO DIRECT ACROSS THE CENTER AND AWAY FROM THE CHANNEL SIDES.
 - THE BASE OF THE CHECK DAM SHALL BE ENTRENCHED APPROXIMATELY 6 INCHES.
 - SPACING OF CHECK DAMS SHALL BE IN A MANNER SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
 - A SPLASH APRON SHALL BE CONSTRUCTED WHERE CHECK DAMS ARE EXPECTED TO BE IN USE FOR AN EXTENDED PERIOD OF TIME. A STONE APRON SHALL BE CONSTRUCTED IMMEDIATELY DOWNSTREAM OF THE CHECK DAM TO PREVENT FLOWS FROM UNDERCUTTING THE STRUCTURE. THE APRON SHOULD BE 6 IN. THICK AND ITS LENGTH TWO TIMES THE HEIGHT OF THE DAM.
 - STONE PLACEMENT SHALL BE PERFORMED EITHER BY HAND OR MECHANICALLY AS LONG AS THE CENTER OF CHECK DAM IS LOWER THAN THE SIDES AND EXTENDS ACROSS ENTIRE CHANNEL.
 - SIDE SLOPES SHALL BE A MINIMUM OF 2:1.

ROCK CHECK DAM
NTS



- NOTES:**
- PROTECTION BARRIER SHALL BE 4' HIGH, CONSTRUCTED OF DURABLE AND HIGHLY VISIBLE MATERIAL (PLASTIC ORANGE CONSTRUCTION FENCE AND SNOW-FENCE MAY BE USED).
 - PROTECTION BARRIERS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE WORK AT THE SITE.
 - ADDITIONAL WARNING SIGNS SHOULD ALSO BE PLACED ON THE FENCING AND IN APPROPRIATE AREAS NEAR THE WORK ZONE.

CONSTRUCTION FENCE DETAIL
NTS

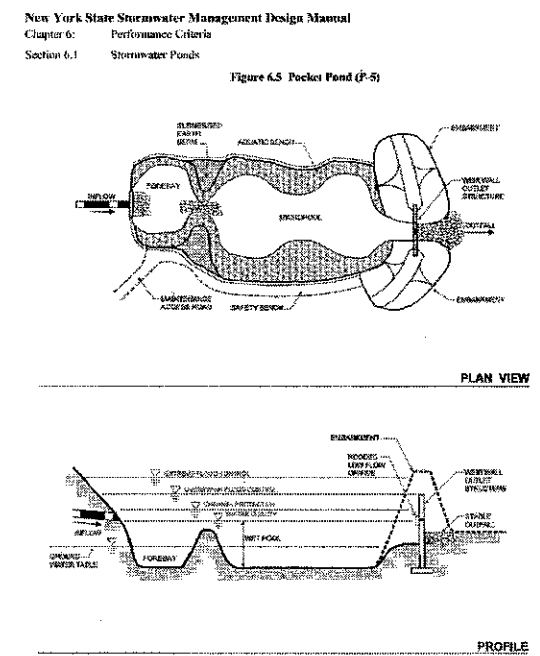


Figure 4.5 Pocket Pond (P-5)
PLAN VIEW
PROFILE

STANDARD AND SPECIFICATIONS FOR DUST CONTROL

Definition & Scope
The control of dust resulting from land-disturbing activities, to prevent surface and air movement of dust from disturbed soil surfaces that may cause off-site damage, health hazards, and traffic safety problems.

Conditions Where Practice Applies
On construction roads, access points, and other disturbed areas subject to surface dust movement and dust blowing where off-site damage may occur if dust is not controlled.

Design Criteria
Construction operations should be scheduled to minimize the amount of area disturbed at one time. Buffer areas of vegetation should be left where practical. Temporary or permanent stabilization measures shall be installed. No specific design criteria is given; see construction specifications below for common methods of dust control.

Water Quality
Water quality must be considered when materials are selected for dust control. Where there is a potential for the material to wash off to a stream, ingredient information must be provided to the NYSDEC.

No polymer application shall take place without written approval from the NYSDEC.

Construction Specifications

- Non-driving Areas** - These areas use products and materials applied or placed on soil surfaces to prevent airborne migration of soil particles.
- Vegetative Cover** - For undisturbed areas not subject to traffic, vegetation provides the most practical method of dust control.

Maintenance
Maintain dust control measures through dry weather periods until all disturbed areas are stabilized.

Barriers - Woven geo-textiles can be placed on the driving surface to effectively reduce dust flow and particle migration on haul roads. Snow can also be used for construction made for effective dust control.

Windbreak - A silt fence or similar barrier can control air currents at intervals equal to two times the barrier height. Preserve existing wind barrier vegetation as much as practical.

Just control (see Section 3)
Mulch (including gravel mulch) - Mulch offers a fast effective means of controlling dust. This can also include rolled erosion control blankets.

Spray additives - These are products generally composed of polymers in a liquid or solid form that are mixed with water to form an emulsion that is sprayed on the soil surface with typical hydroseeding equipment. The mixing ratios and application rates will be in accordance with the manufacturer's recommendations for the specific soils on the site. In no case should the application of these additives be made on wet soils or if there is a probability of precipitation within 48 hours of its proposed use. Material Safety Data Sheets will be provided to all applicators and others working with the material.

Driving Areas - These areas utilize water, polymer emulsions, and barriers to prevent dust movement from the traffic surface into the air.

Sprinkling - The site may be sprayed with water until the surface is wet. This is especially effective on haul roads and access routes to provide short term limited dust control.

Polymer Additives - These polymers are mixed with water and applied to the driving surface by a water truck with a gravity feed drip bar, spray bar or automated distributor truck. The mixing ratios and application rates will be in accordance with the manufacturer's recommendations. Incorporation of the emulsion into the soil will be done to the appropriate depth based on expected traffic. Compaction after incorporation will be by vibratory roller to a minimum of 95%. The prepared surface shall be moist and no application of the polymer will be made if there is a probability of precipitation within 48 hours of its proposed use. Material Safety Data Sheets will be provided to all applicators working with the material.

STANDARD AND SPECIFICATIONS FOR SILT FENCE

Definition & Scope
A temporary barrier of geotextile fabric installed on the contours across a slope used to intercept sediment laden runoff from small drainage areas of disturbed soil by temporarily ponding the sediment laden runoff allowing settling to occur. The maximum period of use is limited by the ultraviolet stability of the fabric (approximately one year).

Conditions Where Practice Applies
A silt fence may be used subject to the following conditions:

- Maximum allowable slope lengths and fence length will not exceed the limits shown in the Design Criteria for the specific type of silt fence used; and
- Maximum ponding depth of 1.5 feet behind the fence; and
- Erosion would occur in the form of sheet erosion; and
- There is no concentration of water flowing in the gutter; and
- Soil conditions allow for proper keying of fabric, or other anchorage, to prevent blowouts.

Design Criteria

- Design computations are not required for installations of 1 month or less. Longer installation periods should be designed for expected runoff.
- All silt fences shall be placed as close to the disturbed area as possible, but at least 10 feet from the toe of a slope steeper than 3H:1V, to allow for maintenance and

Criteria for Silt Fence Materials

- Silt Fence Fabric - The fabric shall meet the following specifications unless otherwise approved by the appropriate erosion and sediment control plan approval authority. Such approval shall not constitute statewide acceptance.

Table: Silt Fence Lengths and Spacing

Slope	Spacing	Standard	Reinforced	Super
< 2%	< 50'	300/1500	N/A	N/A
3-10%	50' to 100'	125/1000	250/2000	500/2500
10-20%	100' to 500'	100/750	150/1000	200/1000
20-33%	500' to 1000'	60/500	80/750	100/1000
33-50%	300' to 200'	40/250	70/350	100/500
> 50%	> 200'	20/125	30/175	50/250

The silt fence shall be installed in accordance with the appropriate details. Where ends of filter cloth come together, they shall be overlapped, folded and stapled to prevent sediment bypass. But joints are not acceptable. A detail of the silt fence shall be shown on the plan. See Figure 5.30 on page 5.50 for Reinforced Silt Fence as an example of details to be provided.

NO.	DATE	REVISION DESCRIPTION
1		ISSUED FOR PERMIT
2		REVISIONS TO PERMIT COMMENTS
3		REVISIONS TO PERMIT COMMENTS
4		REVISIONS TO PERMIT COMMENTS
5		REVISIONS TO PERMIT COMMENTS
6		REVISIONS TO PERMIT COMMENTS
7		REVISIONS TO PERMIT COMMENTS
8		REVISIONS TO PERMIT COMMENTS
9		REVISIONS TO PERMIT COMMENTS
10		REVISIONS TO PERMIT COMMENTS

DELIVERY STATION



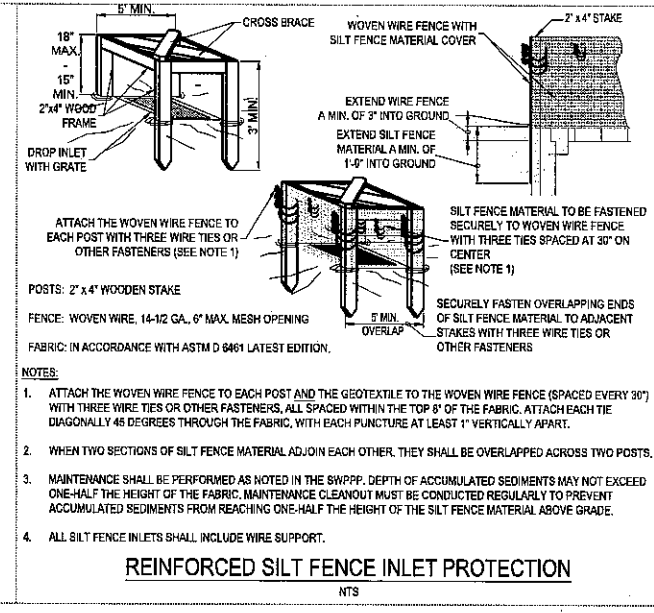
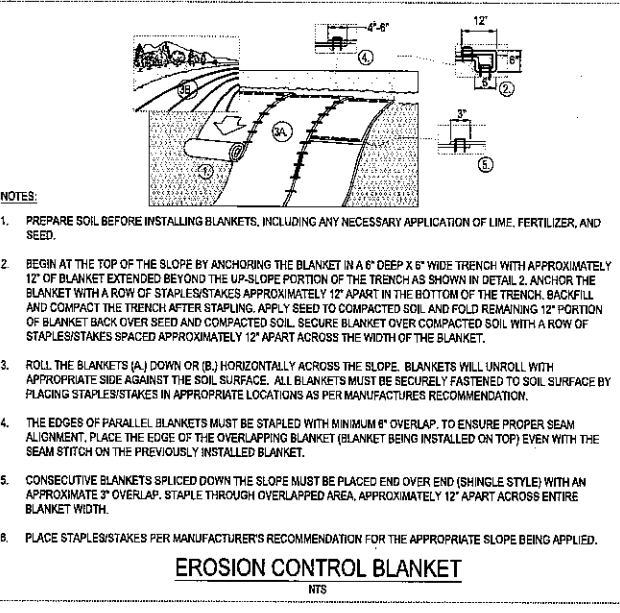
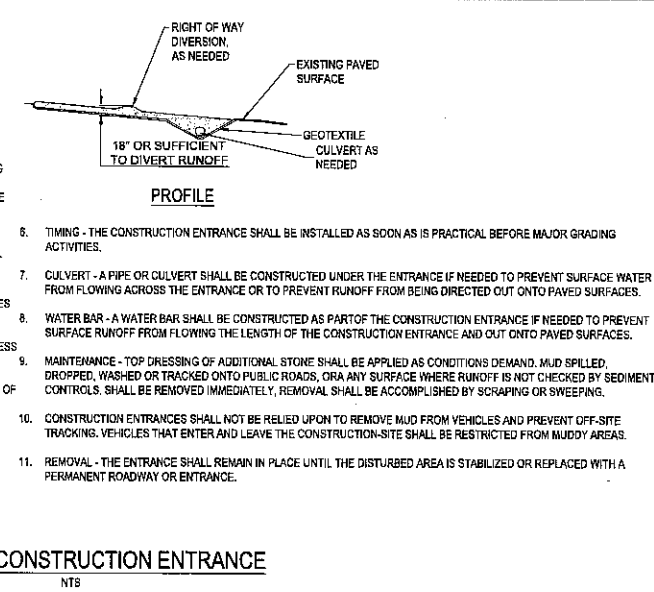
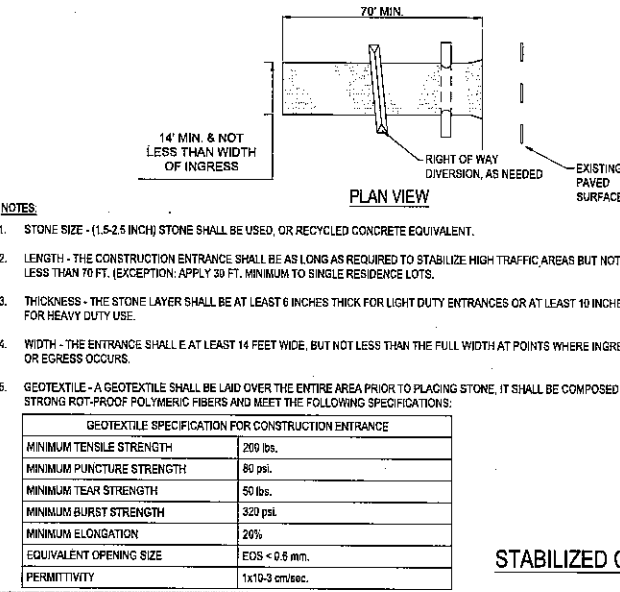
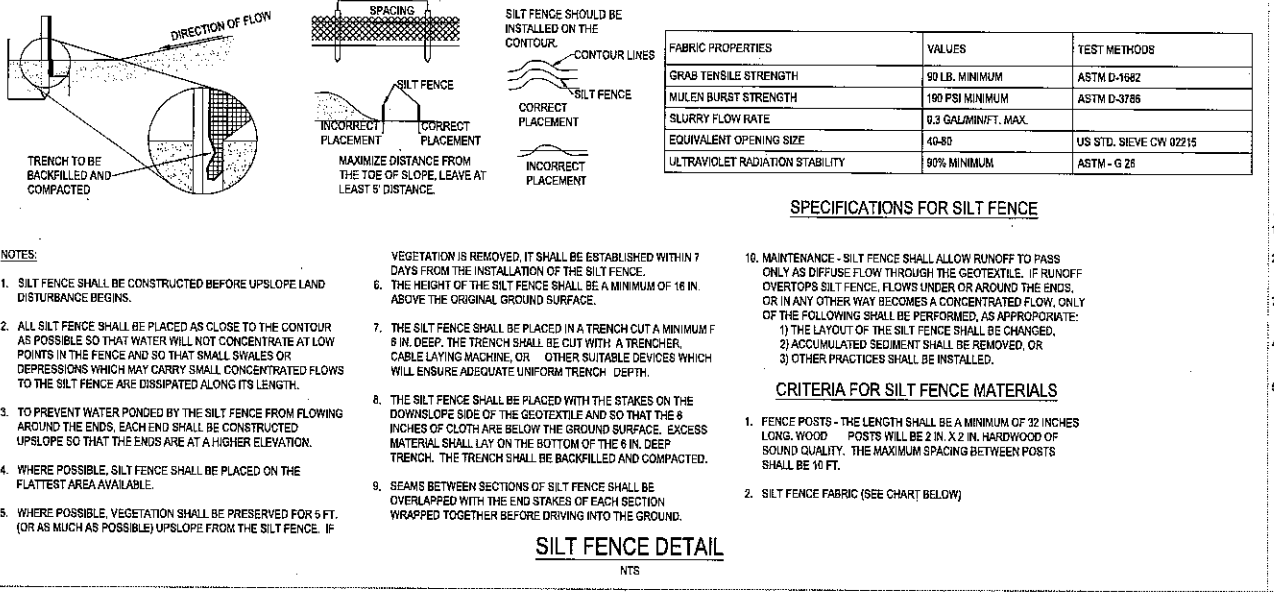
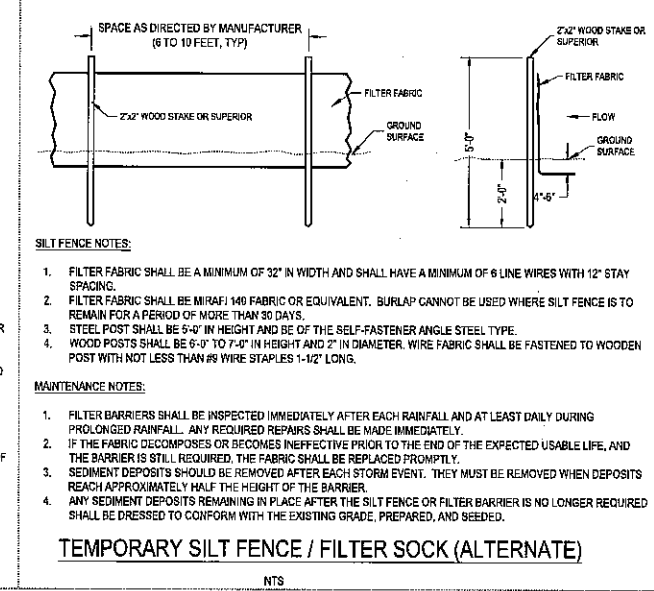
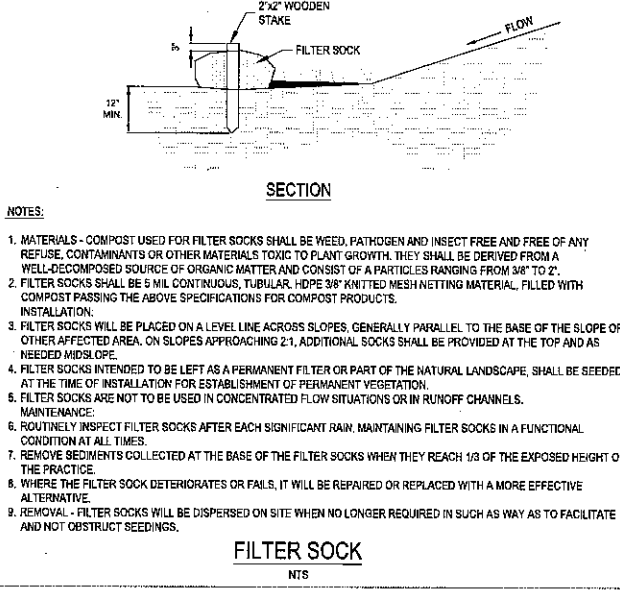
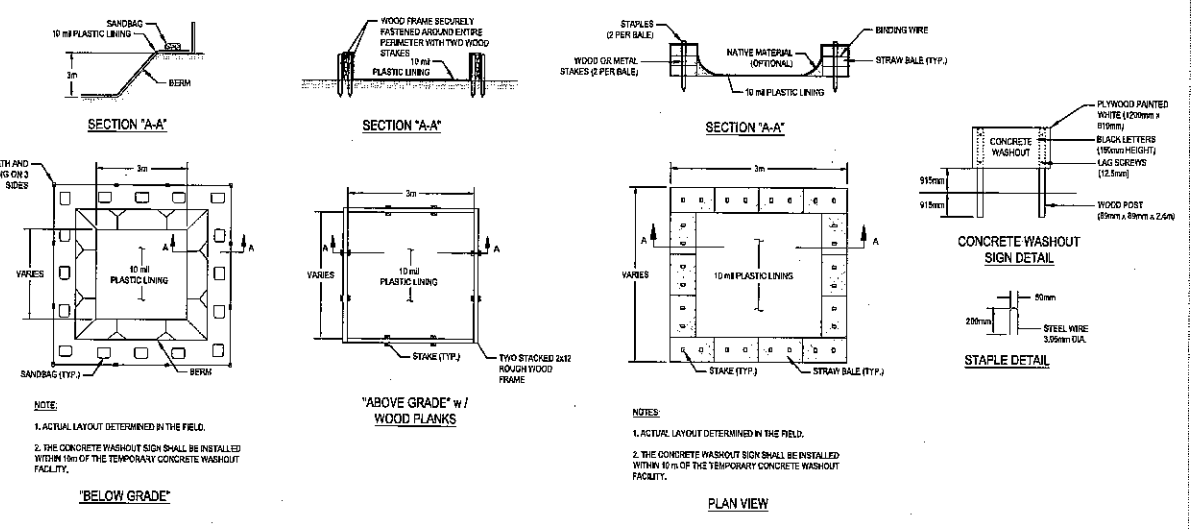
08/07/2020
ISSUE FOR PERMIT
DATE: 08/04/20

JOB NO.: 757184
SCALE: AS SHOWN
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOZINSKI

DRAWING TITLE
SWPPP DETAILS

SHEET NO.
C6.3

200 & 400 CANTIAN DRIVE, BALWANT, NY 10813



NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/04/20	DATE: 08/04/20
3		JOB NO.: 757104
4		SCALE: AS SHOWN
5		DESIGN: T. LEJA
6		DRAWN: S. BAILEY
7		CHECKED: J. KOCINSKI
8		DRAWING TITLE

DELIVERY STATION

200 & 400 CANTON DRIVE, BLAUVELT, NY 10813

STATE OF NEW YORK
OFFICE OF PROFESSIONAL ENGINEERS AND SURVEYORS
084768

08/07/2020

ISSUE FOR PERMIT

DATE: 08/04/20

JOB NO.: 757104

SCALE: AS SHOWN

DESIGN: T. LEJA

DRAWN: S. BAILEY

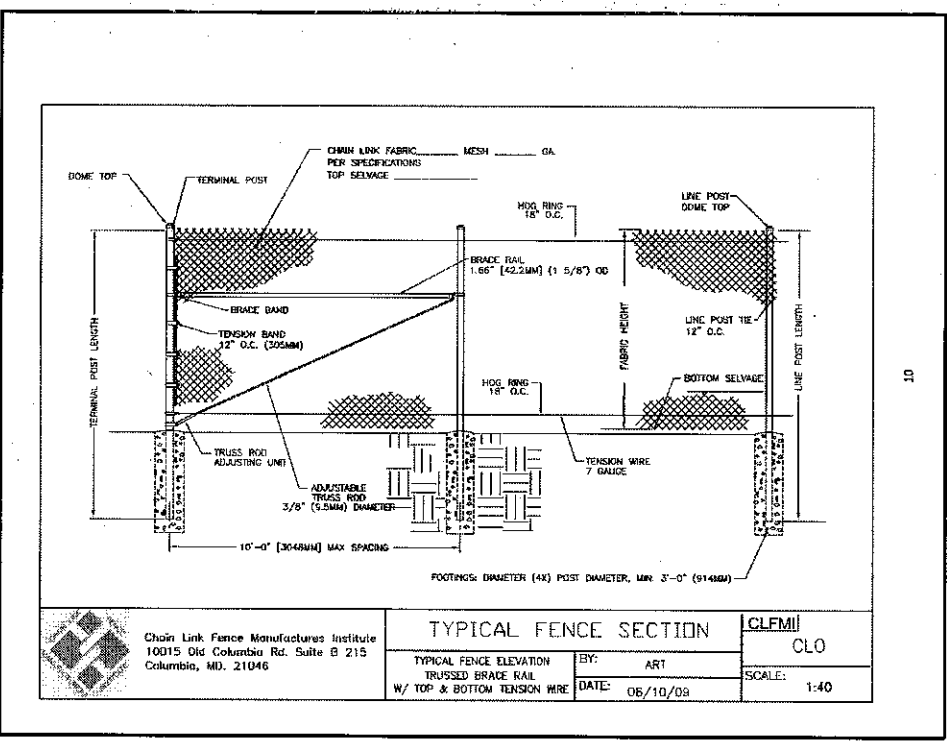
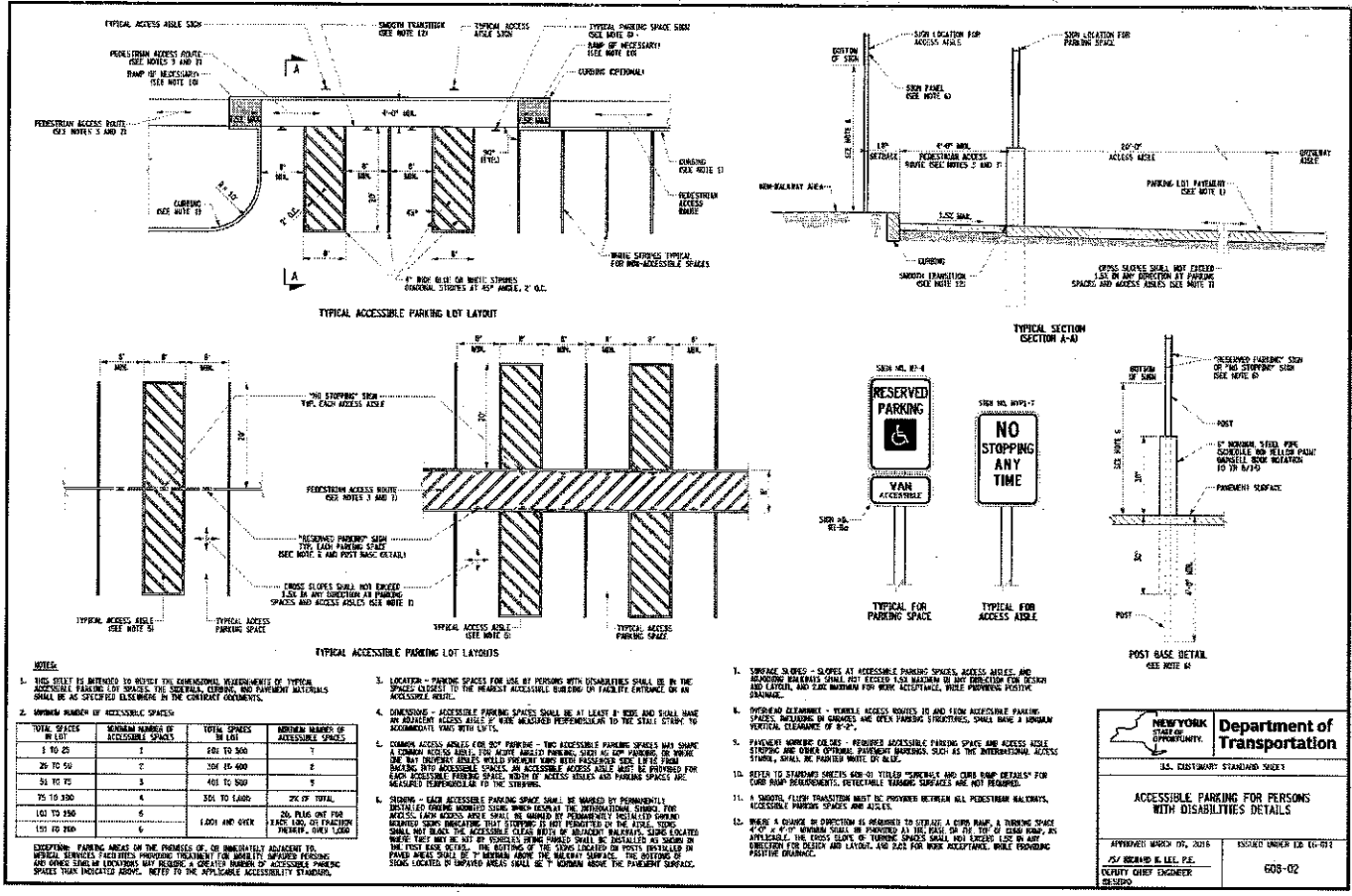
CHECKED: J. KOCINSKI

DRAWING TITLE

SWPPP DETAILS

SHEET NO.
C6.4

757104 - C6.4 SWPPP PLAN DWG - 5/7/2020 3:41 PM

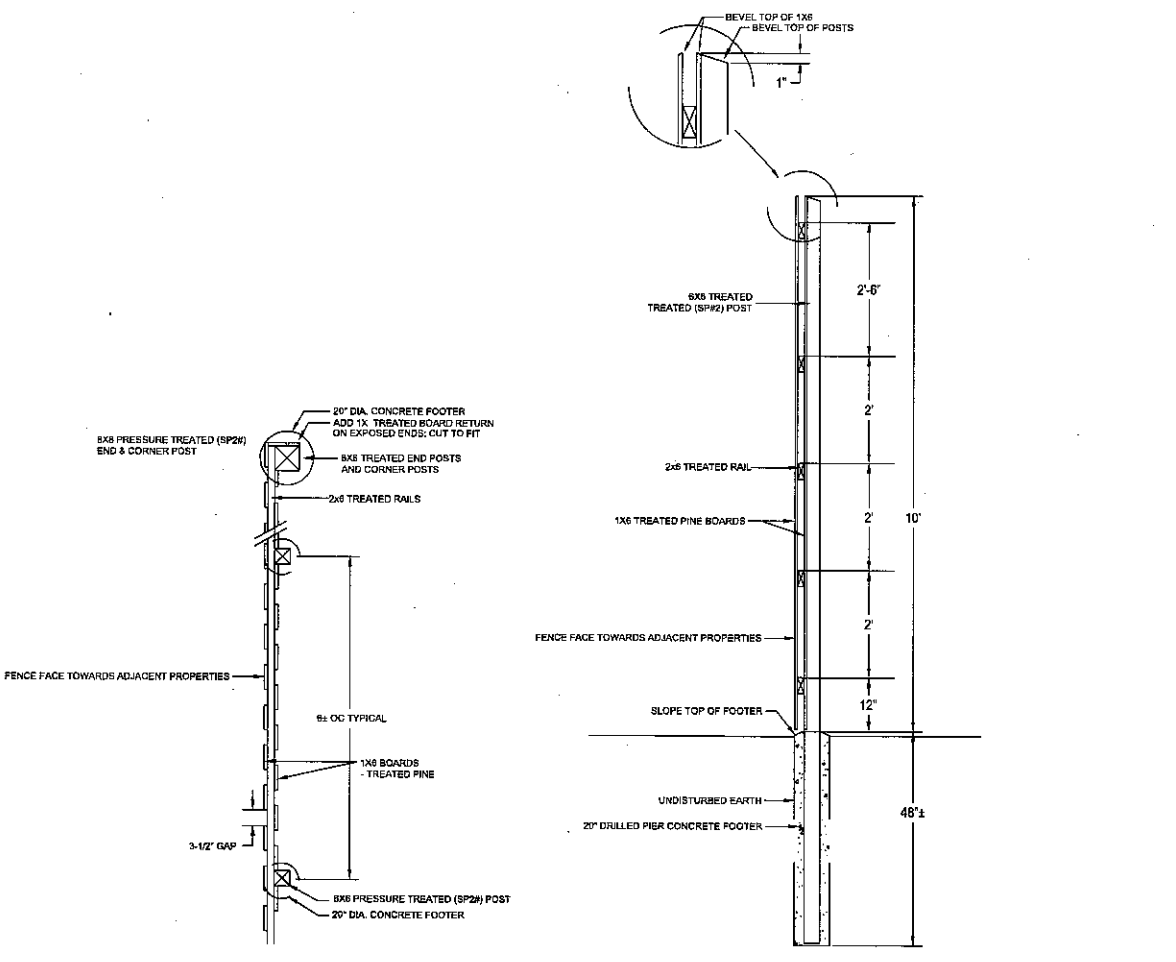


Chain Link Fence Manufacturers Institute
10015 Old Columbia Rd. Suite B 215
Columbia, MD, 21046

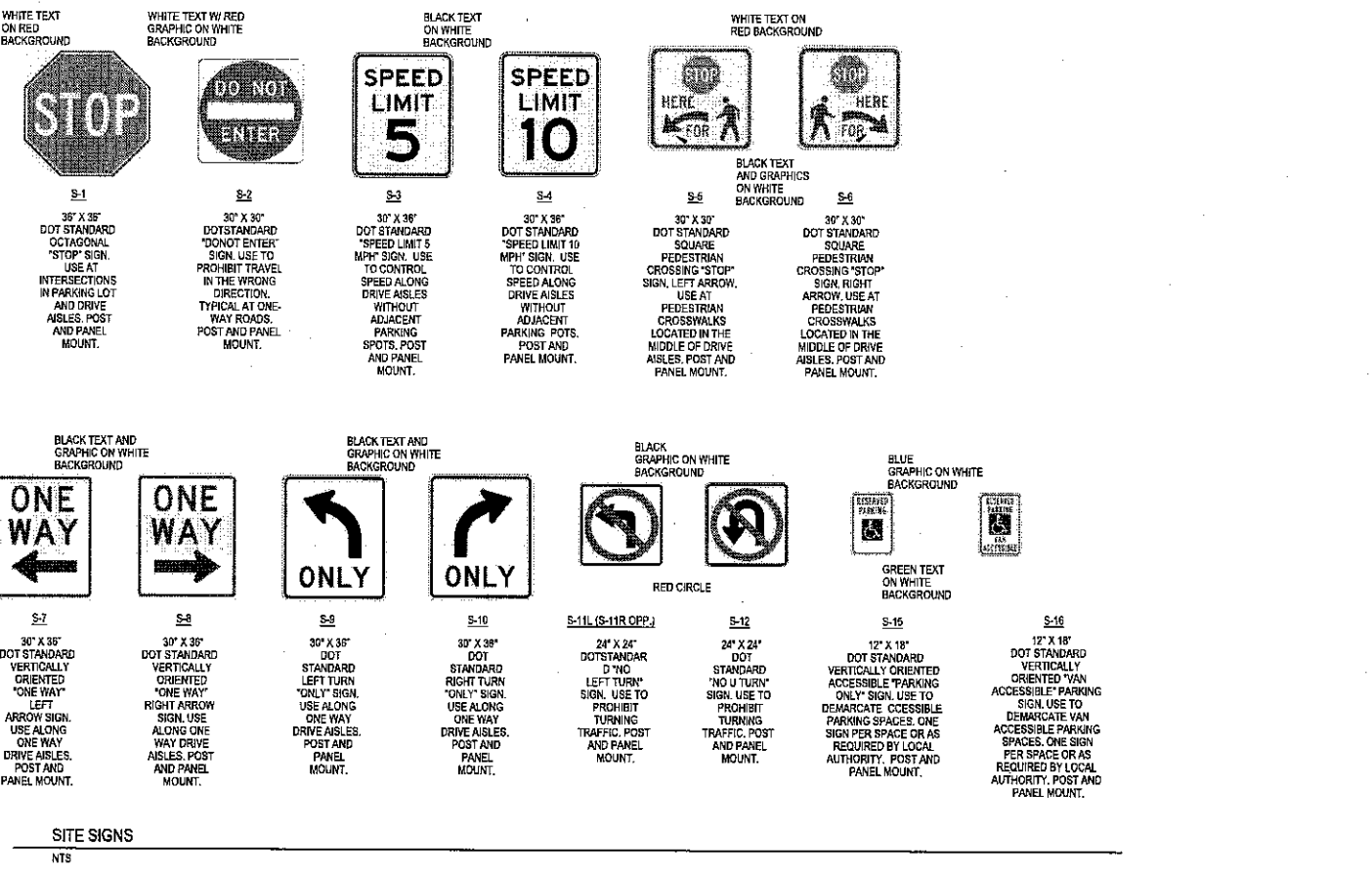
TYPICAL FENCE SECTION CLFMI
CLO

TYPICAL FENCE ELEVATION: ART
W/ TOP & BOTTOM TENSION WIRE: DATE: 06/10/09
SCALE: 1:40

CHAIN LINK FENCE DETAIL
NTS



FENCE LAYOUT DETAIL
SECTION
10' FENCE SECTION DETAIL



SITE SIGNS
NTS

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE
2	08/07/2020	FEAR PERMIT
3	08/07/2020	DATE: 08/04/20
4	08/07/2020	JOB NO.: 757184
5	08/07/2020	SCALE: AS SHOWN
6	08/07/2020	DESIGN: T. LEJA
7	08/07/2020	DRAWN: T. LEJA
8	08/07/2020	CHECKED: J. KOCINSKI
9	08/07/2020	DRAWING TITLE
10	08/07/2020	CONSTRUCTION DETAILS
11	08/07/2020	SHEET NO. C7.0

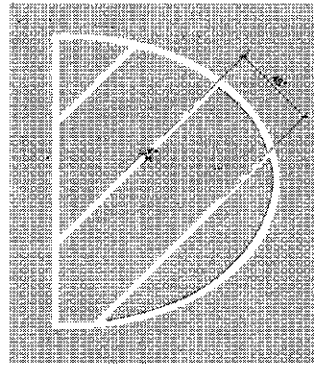
DELIVERY STATION

200 & 400 CANTON DRIVE, ELBAULT, NY 10813

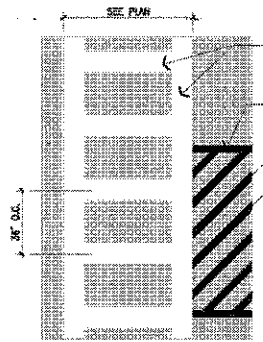
08/07/2020

ISSUE: FEAR PERMIT
DATE: 08/04/20
JOB NO.: 757184
SCALE: AS SHOWN
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DRAWN: T. LEJA
CHECKED: J. KOCINSKI
DRAWING TITLE: CONSTRUCTION DETAILS
SHEET NO. C7.0

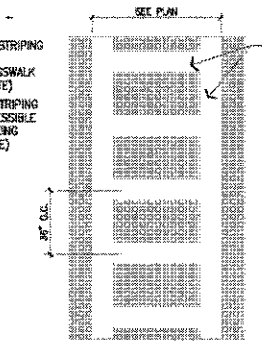
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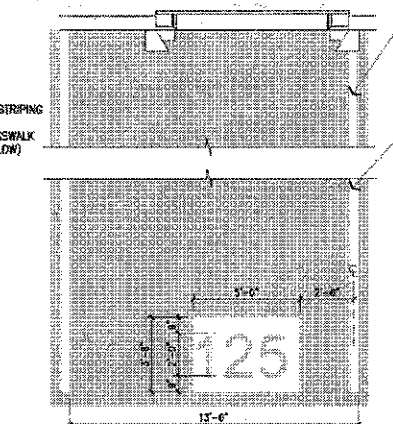
PG-10
18° STRIPING OUTLINE AND FILL AT 45 DEGREES. PAVEMENT GRAPHICS - TRAFFIC ISLAND. USE TO PROMPT VEHICLE TRAVEL AND PARKING. YELLOW AT NO TRAFFIC, BLUE AT ACCESSIBLE PARKING SPACES, WHITE AT VENDOR PARKING (BLACK INDICATES ASPHALT), INCLUDE AT EMERGENCY EXITS INTO THE PARKING LOT AT ALL PARKING SPACES THAT IMPED DIRECT ACCESS TO THE THOROUGHFARE.



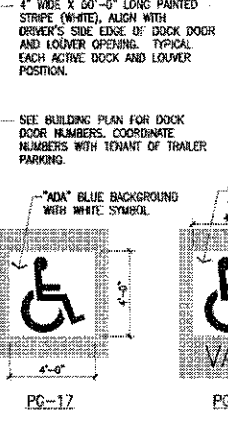
PG-11
12° STRIPING OUTLINE AND HATCH FILL AT 36° O.C. PAVEMENT GRAPHICS - PEDESTRIAN CROSSWALK. USE TO INDICATE PEDESTRIAN CROSSING. WHITE STRIPES, SEE PLAN FOR WIDTH OF CROSSWALK (BLACK INDICATES ASPHALT)



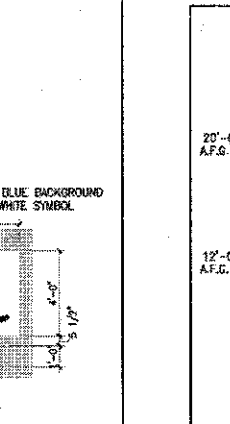
PG-12
12° STRIPING OUTLINE AND HATCH FILL AT 36° O.C. PAVEMENT GRAPHICS - DRIVER ENTRANCE. USE TO DIRECT DRIVER ENTRANCE IN DOCK FIELD. POSITION IN TRUCK COURT TO CORRESPOND WITH THE LOCATION OF THE TRUCKERS LOUNGE AND TRUCKERS ENTRY POINTS. YELLOW STRIPES, SEE PLAN FOR WIDTH OF CROSSWALK (BLACK INDICATES ASPHALT)



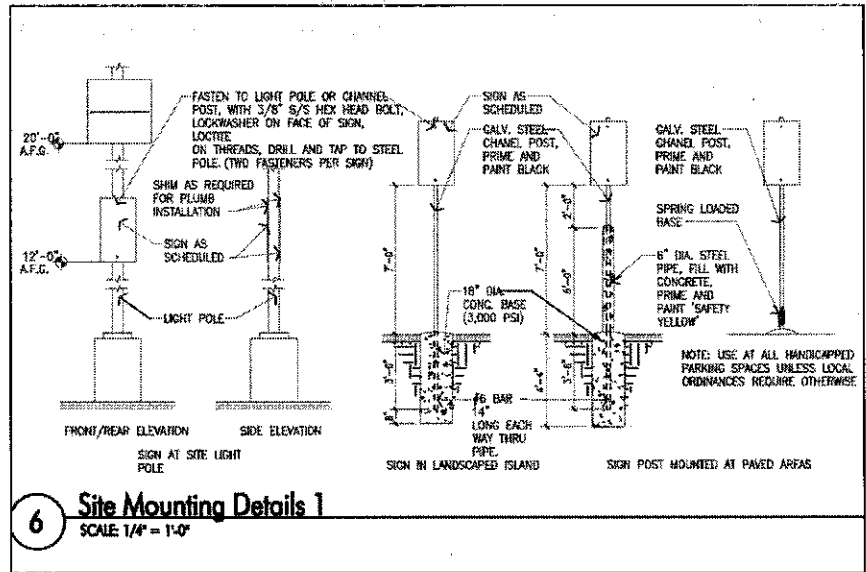
PG-14
5'-0" X 3'-0" (24" TALL LETTERING) PAVEMENT GRAPHICS - TRUCKER SPACE NUMBERING. USE TO LABEL TRUCKER SPACES. TYPICAL ALL TRUCK SPACES. WHITE GRAPHICS (BLACK INDICATES ASPHALT). SEE PLANS FOR DOCK DOOR NUMBERS, COORDINATE NUMBERS WITH TENANT OF TRAILER PARKING.



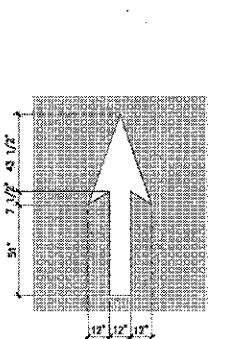
PG-17
4'-0" X 4'-0" PAVEMENT GRAPHICS - STANDARD ACCESSIBLE PARKING SPACE. USE FOR ALL ACCESSIBLE PARKING SPACES. GRAPHICS: WHITE SYMBOL WITH BLUE BACKGROUND (BLACK INDICATES ASPHALT).



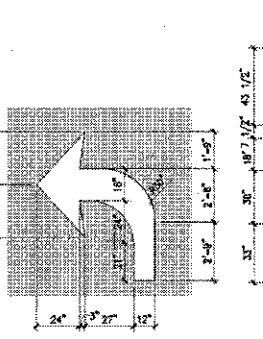
PG-18
4'-0" X 5'-0" 1/2" PAVEMENT GRAPHICS - VAN ACCESSIBLE PARKING SPACE. USE AT ALL VAN ACCESSIBLE PARKING SPACES. GRAPHICS: WHITE SYMBOL WITH BLUE BACKGROUND, AND WHITE TEXT (BLACK INDICATES ASPHALT).



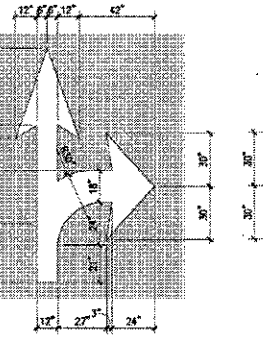
6 Site Mounting Details 1
SCALE 1/4" = 1'-0"



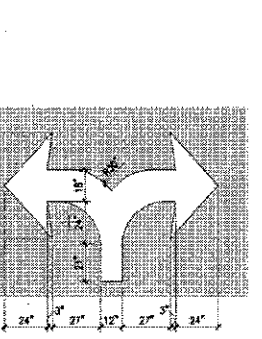
PG-5
6'-0" X 10'-0" PAVEMENT GRAPHICS - STRAIGHT ARROW. USE TO DIRECT TRAFFIC AT ONE-WAY DRIVE AISLES. WHITE GRAPHIC (BLACK INDICATES ASPHALT)



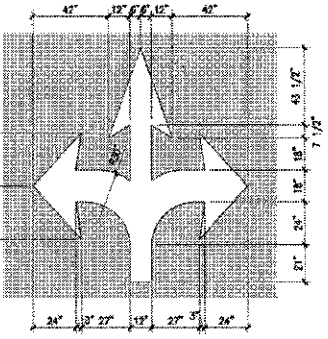
PG-6L (PG-6R OPP.)
6'-0" X 8'-0" PAVEMENT GRAPHICS - LEFT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC (BLACK INDICATES ASPHALT)



PG-7L (PG-7R OPP.)
6'-0" X 12'-0" PAVEMENT GRAPHICS - STRAIGHT OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC (BLACK INDICATES ASPHALT)

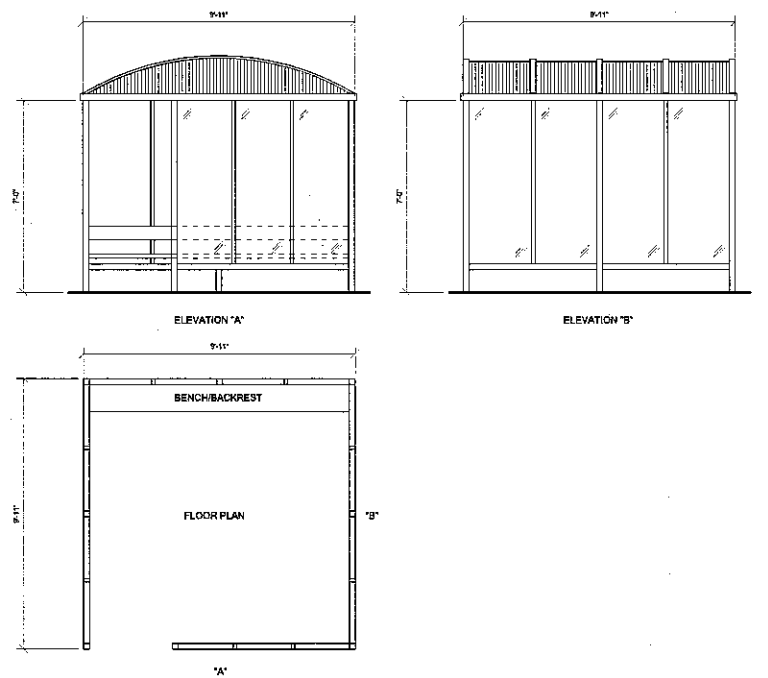


PG-8
10'-0" X 8'-0" PAVEMENT GRAPHICS - LEFT OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC (BLACK INDICATES ASPHALT)



PG-9
10'-0" X 12'-0" PAVEMENT GRAPHICS - LEFT, STRAIGHT, OR RIGHT TURN ARROW. USE TO INDICATE TURNING LANES. WHITE GRAPHIC (BLACK INDICATES ASPHALT)

5 Pavement Graphic Details
1/4" = 1'-0"



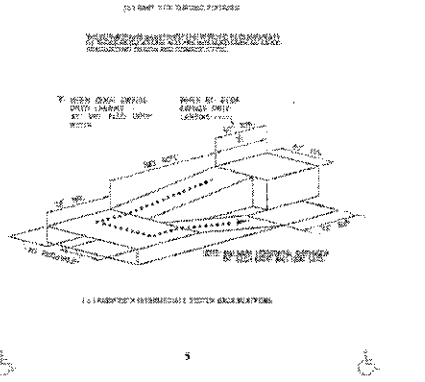
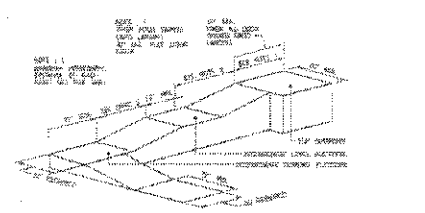
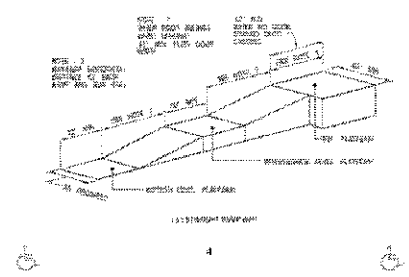
PREFABRICATED SMOKERS SHELTER
NOT TO SCALE

EXTERIOR ROUTES OF TRAVEL:

From loading parking spaces, provide most practical direct accessible route of travel to all building entrances and exterior ground level exits by incorporating pedestrian ramps, walks, and sidewalks. Any parts of travel will be considered a ramp if its slope is greater than 1:20 (5 percent) of horizontal run.

- WALKS AND SIDEWALKS REQUIREMENTS:**
- Width = 48"
 - Slope = 1 in 50 max.
 - Change in level = Max 1/2", 1/4" - 1/2" beveled (1/2" vertical to 2 horizontal)
 - Cross slope = Max 1/4" per foot
 - Level surface at doors and gates = 60" x 80" safety area and 42" wide x 24" deep on path side
 - Trailing edge of side edge clearance = 24"
 - Hand rail not required

- RAMP REQUIREMENTS:**
- Width = As required for stairways and exits and min 48"
 - Slope = Max 1:12 (1:14 or less preferred)
 - Cross slope = Max 1:50
 - Landing = See illustration below
 - Hand rail = Required with slope > 1:20
 - Hand rail girth = 3" to 3 1/2"
 - Hand rail girth = 1 1/2" diameter



NO.	DATE	REVISION DESCRIPTION
1		ISSUE FOR PERMIT
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3		FOR CONSTRUCTION
4		FOR CONSTRUCTION
5		FOR CONSTRUCTION
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7		FOR CONSTRUCTION
8		FOR CONSTRUCTION
9		FOR CONSTRUCTION
10		FOR CONSTRUCTION

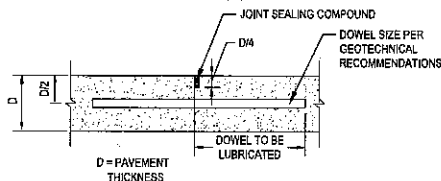
DELIVERY STATION



08/07/2020
ISSUE FOR PERMIT
DATE: 08/04/20
JOB NO.: 757184
SCALE: AS SHOWN
DESIGNER: T. LEJA
DRAWN: T. LEJA
CHECKED: J. KOZINSKI
DRAWING TITLE

CONSTRUCTION DETAILS

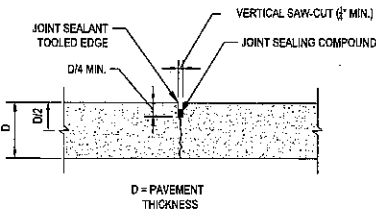
SHEET NO. C7.1



NOTES:

1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE.
2. ALL BARS AND BASKETS SHALL BE EPOXY COATED.
3. DOWELED CONTRACTION JOINTS ARE REQUIRED WHERE PAVEMENT DEPTH IS 7" OR GREATER.
4. DOWELS SHALL BE SMOOTH BARS AND FREE MOVEMENT SHALL BE PROVIDED BY APPLYING A COATING OF GREASE AS A BOND-BREAKING MATERIAL JUST PRIOR TO PLACING THE CONCRETE.

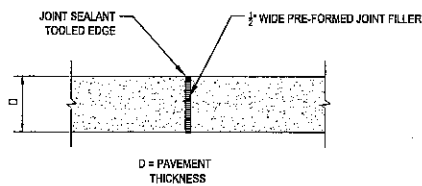
DOWELED CONTRACTION JOINT DETAIL
NOT TO SCALE



NOTES:

1. MAXIMUM CONTRACTION JOINT SPACING IS DEPENDENT UPON THE PAVEMENT THICKNESS. REFER TO TABLE BELOW FOR SPACING REQUIREMENTS.
2. ENSURE CONTRACTION JOINT PATTERNS DIVIDE PAVEMENT INTO PANELS AS CLOSE TO SQUARE AS POSSIBLE.

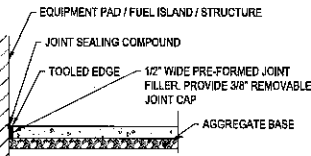
CONTRACTION JOINT DETAIL
NOT TO SCALE



EXPANSION JOINT
NOT TO SCALE

JOINT SPACING FOR UNREINFORCED CONCRETE
(FROM ACI 309.2R-17 TABLE 4.4.4 & ACI 309.3R-08 TABLE 3.5)

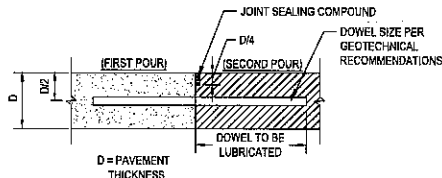
PAVEMENT THICKNESS (IN)	MAXIMUM SPACING (FT)
4 - 4.5	10
5 - 5.5	12.50
6 OR GREATER	15



NOTES:

1. PLACE ISOLATION JOINTS WHERE CONCRETE PAVEMENT ABUTS SLABS, FUEL ISLANDS, CANDY COLUMNS, BOLLARDS AND STRUCTURES OR FIXED OBJECTS.
2. PRE-FORMED JOINT FILLER - NON-IMPREGNATED TYPE, CLOSED CELL RESILIENT POLYETHYLENE FOAM, 1/2" THICK UNLESS OTHERWISE NOTED.
3. WHERE SLABS OF DIFFERENT THICKNESSES COME TOGETHER AT ISOLATION JOINTS, THE SUBGRADE/SUBBASE UNDER THE THINNER PAVEMENT SECTIONS SHOULD BE SHAPED TO PROVIDE GRADUAL THICKNESS TRANSITION OVER A DISTANCE OF 4 FT OR MORE.

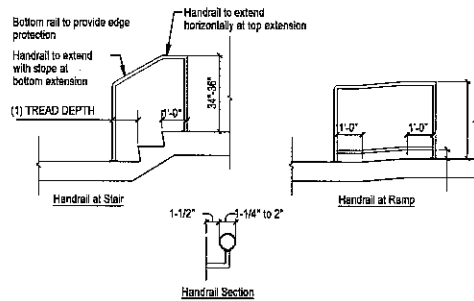
ISOLATION JOINT DETAIL
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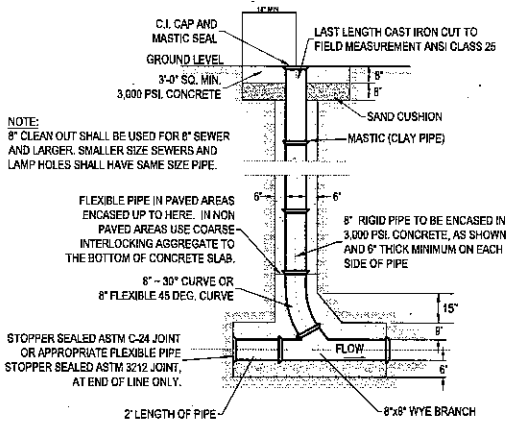
NOTES:

1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE.
2. ALL BARS AND BASKETS SHALL BE EPOXY COATED.
3. PLACE CONSTRUCTION JOINTS AT END OF PLACEMENTS AND AT LOCATIONS WHERE PLACEMENT OPERATIONS ARE STOPPED FOR A PERIOD OF MORE THAN 1 HOUR.
4. DOWELS SHALL BE SMOOTH BARS AND FREE MOVEMENT SHALL BE PROVIDED BY APPLYING A COATING OF GREASE AS A BOND-BREAKING MATERIAL JUST PRIOR TO PLACING THE CONCRETE.
5. IN EMERGENCY SITUATIONS SUCH AS LACK OF MATERIALS, SUDDEN CHANGES IN WEATHER, OR EQUIPMENT BREAKDOWN, A CONSTRUCTION JOINT SHOULD BE INSTALLED IN PLACE OF THE NEAREST CONTRACTION JOINT LOCATION.
6. CONSTRUCTION JOINTS ARE NOT TO BE LOCATED CLOSER THAN 10'-0" TO ANOTHER PARALLEL JOINT.
7. WHERE SLABS OF DIFFERENT THICKNESSES COME TOGETHER AT JOINTS, THE SUBGRADE/SUBBASE UNDER THE THINNER PAVEMENT SECTIONS SHOULD BE SHAPED TO PROVIDE GRADUAL THICKNESS TRANSITION OVER A DISTANCE OF 4 FT OR MORE.

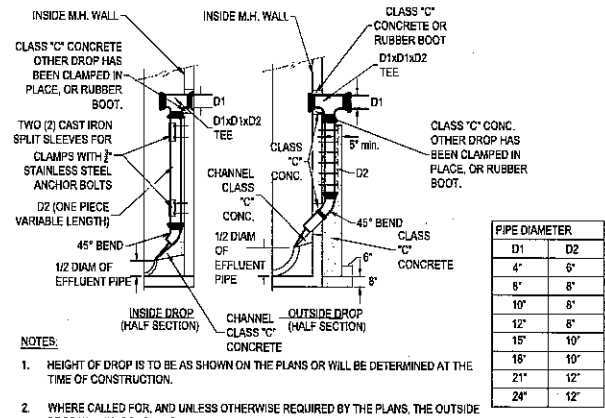
CONSTRUCTION JOINT DETAIL
NOT TO SCALE



505 HANDRAILS
NTS



CLEAN OUT
NTS

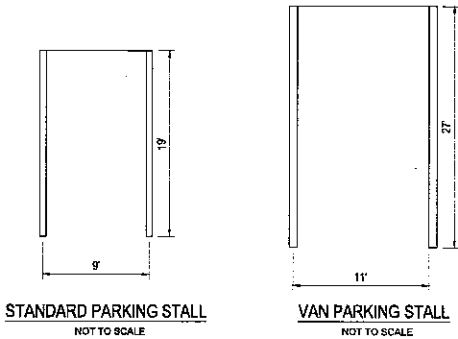


NOTES:

1. HEIGHT OF DROP IS TO BE AS SHOWN ON THE PLANS OR WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
2. WHERE CALLED FOR, AND UNLESS OTHERWISE REQUIRED BY THE PLANS, THE OUTSIDE DROP WILL BE CONSTRUCTED WITH NEW MANHOLES.
3. MATERIALS FOR THE TEE, DROP PIPE AND BEND SHALL BE OF ONE TYPE AND BE ONE OF THE FOLLOWING:
INSIDE DROP: ABS SOLID WALL, OR PVC.
OUTSIDE DROP: ABS SOLID WALL, OR PVC.
4. OUTSIDE DROP PIPES REQUIRE A 5" THICK (MINIMUM) CLASS 'C' CONCRETE ENCASEMENT ON THREE SIDES OF PIPE

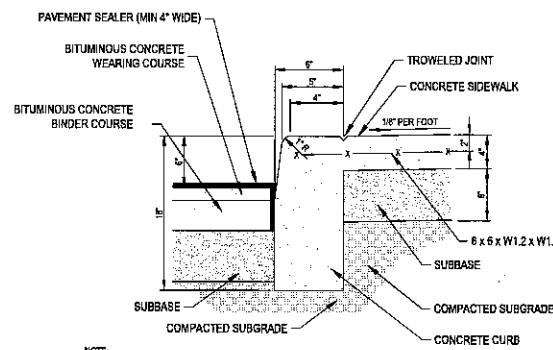
INSIDE / OUTSIDE DROP DETAIL
NTS

PIPE DIAMETER	D1	D2
4"	4"	6"
6"	6"	8"
8"	8"	10"
10"	10"	12"
12"	12"	14"
14"	14"	16"
16"	16"	18"
18"	18"	20"
20"	20"	22"
22"	22"	24"



STANDARD PARKING STALL
NOT TO SCALE

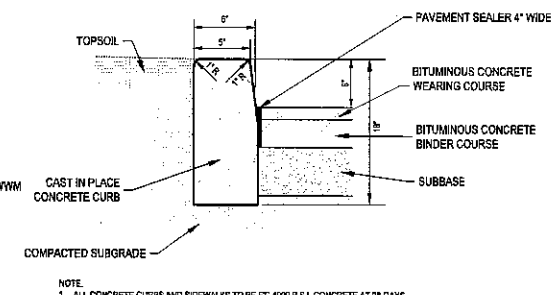
VAN PARKING STALL
NOT TO SCALE



NOTE:

1. ALL CONCRETE CURBS AND SIDEWALKS TO BE FC 4000 P.S.I. CONCRETE AT 28 DAYS.
2. CURB EXPANSION JOINT SPACING IS 12'-0" MAXIMUM. FILL WITH 1/2" PRE-FORMED EXPANSION JOINT RECESSED 1/2" BELOW TOP OF CURB.

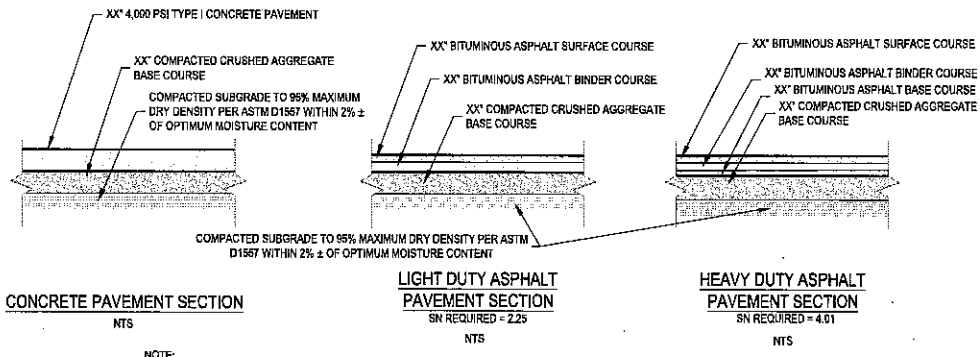
INTEGRAL CURB & SIDEWALK ONSITE
NTS



NOTE:

1. ALL CONCRETE CURBS AND SIDEWALKS TO BE FC 4000 P.S.I. CONCRETE AT 28 DAYS.
2. CURB EXPANSION JOINT SPACING IS 12'-0" MAXIMUM. FILL WITH 1/2" PRE-FORMED EXPANSION JOINT RECESSED 1/2" BELOW TOP OF CURB.
3. MAXIMUM HEIGHT OF CURB TO PAVING IS 6".

STRAIGHT FACED CURB DETAIL
NTS



CONCRETE PAVEMENT SECTION
NTS

LIGHT DUTY ASPHALT PAVEMENT SECTION
NTS

HEAVY DUTY ASPHALT PAVEMENT SECTION
NTS

NOTE:

ALL PAVEMENT WORK SHALL COMPLY WITH SOILS INVESTIGATION/RECOMMENDATIONS PREPARED FOR THIS PROJECT. ALL MATERIALS SHALL BE PROVIDED & ALL WORK BE PERFORMED PER LOCAL AND STATE DEPARTMENT OF TRANSPORTATION STANDARDS

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6		DRAWN: T. LEJA
7		CHECKED: J. KOCHINSKI
8		DRAWING TITLE

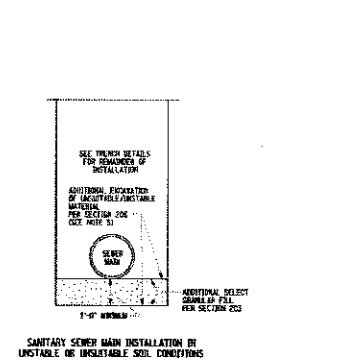
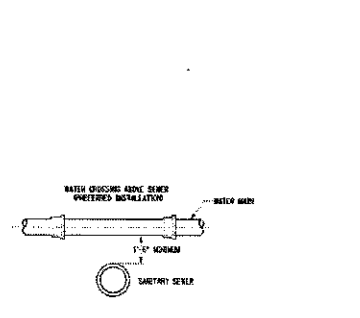
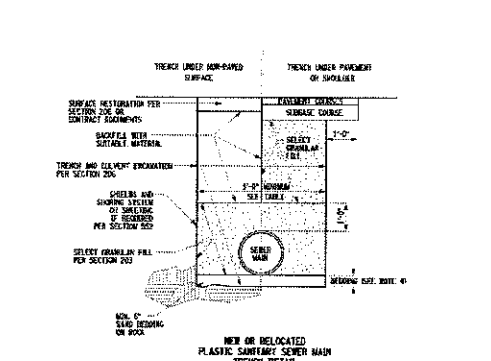
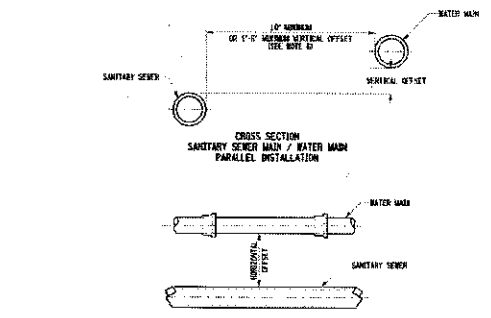
DELIVERY STATION



08/07/2020	ISSUE FOR PERMIT
DATE: 08/04/20	
JOB NO. 757184	
SCALE: AS SHOWN	
DESIGN: T. LEJA	
DRAWN: T. LEJA	
CHECKED: J. KOCHINSKI	
DRAWING TITLE	

CONSTRUCTION DETAILS

SHEET NO. C7.2



- NOTES
- SEE SPECIFIC NOTES ENCLOSED FOR REQUIREMENTS FOR SEWER MAINS AND APPROPRIATELY FOR INFORMATION ON GENERAL REQUIREMENTS. REQUIREMENTS MAY VARY IN ACCORDANCE WITH STATE STANDARDS AS PROVIDED BY HEALTH EDUCATION SERVICES.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY EXISTENCE OF EXISTING UTILITIES TO ENSURE ADEQUATE CLEARANCE FOR THE SEWER LINE EXCISE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BY LOCATING THEM IN THE FIELD. WHEN NECESSARY, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS, RECORDS, AND RECONSTRUCTION FROM ANY AGENCY BEFORE EXCAVING.
 - THE TOP PAYMENT LINE FOR TRENCH EXCAVATION SHALL BE PER SECTION 206.
 - BEFORE ANY EXCAVATION SHALL BE PERFORMED ONLY WHEN NOTED IN THE OTHER REQUIREMENTS OF THIS DRAWING OR OTHERWISE BY UNDESIRABLE CONDITIONS ARE ENCOUNTERED.
 - IF UNDESIRABLE OR UNUSUAL SOIL CONDITIONS ARE ENCOUNTERED WHILE THE TRENCH IS BEING EXCAVATED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. A PROGRAM OF 1 AND A MINIMUM OF 3 OF MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SELECT GRANULAR FILL. UNDESIRABLE SOILS SHALL BE MADE FOR MATERIAL PLACED TO MEET SPECIFIC OR UNDESIRABLE CONDITIONS.
 - NEW SANITARY SEWER MAINS INSTALLED PARALLEL TO WATER MAINS SHALL HAVE A MINIMUM OF 12" VERTICAL SEPARATION MEASURED FROM THE TOP OF PIPE OR FACE OF CONCRETE MANHOLE COVER. WHEN 12" VERTICAL SEPARATION CANNOT BE MAINTAINED, A SPECIAL APPLICATION OF AT LEAST 3" OF RIGID POLYURETHANE FOAM BETWEEN THE WATER AND SANITARY SEWER MAINS SHALL BE MAINTAINED. IF THE VERTICAL SEPARATION CAN BE MAINTAINED, THE SANITARY SEWER MAIN MUST BE INSTALLED AS SHOWN ON THE CONTRACT DOCUMENTS AS APPROVED BY THE APPROPRIATE FIELD AGENCY.
 - MANHOLE SHALL BE INSTALLED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 208.

PIPE SIZE	MINIMUM DEPTH
6"	3'-0"
8"	3'-0"
10"	3'-0"
12"	3'-0"
14"	3'-0"
16"	3'-0"
18"	3'-0"
20"	3'-0"
24"	3'-0"
30"	3'-0"
36"	3'-0"
42"	3'-0"
48"	3'-0"
60"	3'-0"

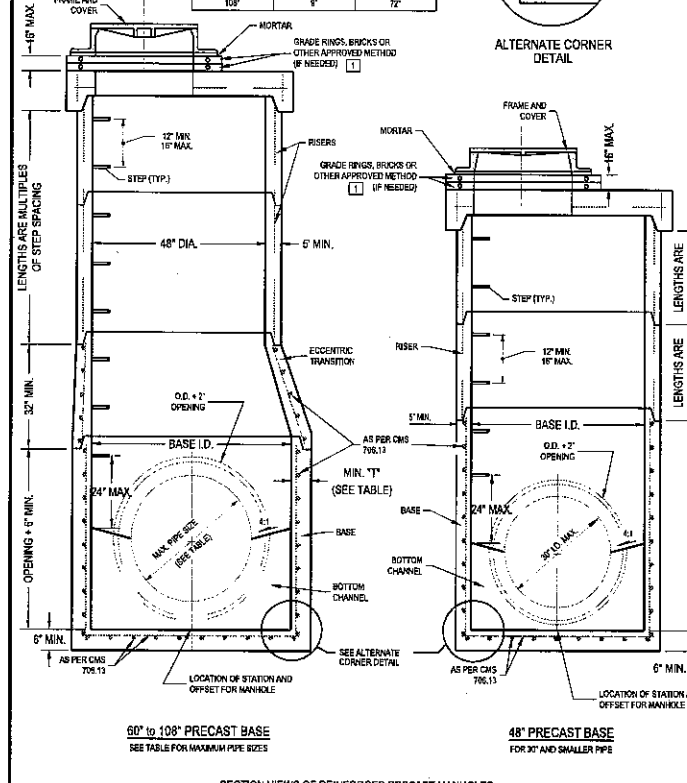
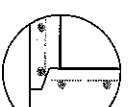
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET

SANITARY SEWER MAIN PIPE INSTALLATION DETAILS

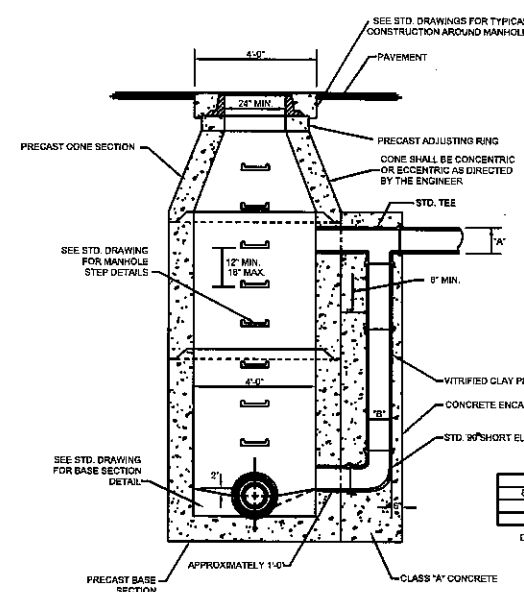
APPROVED: AUGUST 30, 2024
BY: [Signature]
FOR THE ASSISTANT CHIEF ENGINEER

664-01

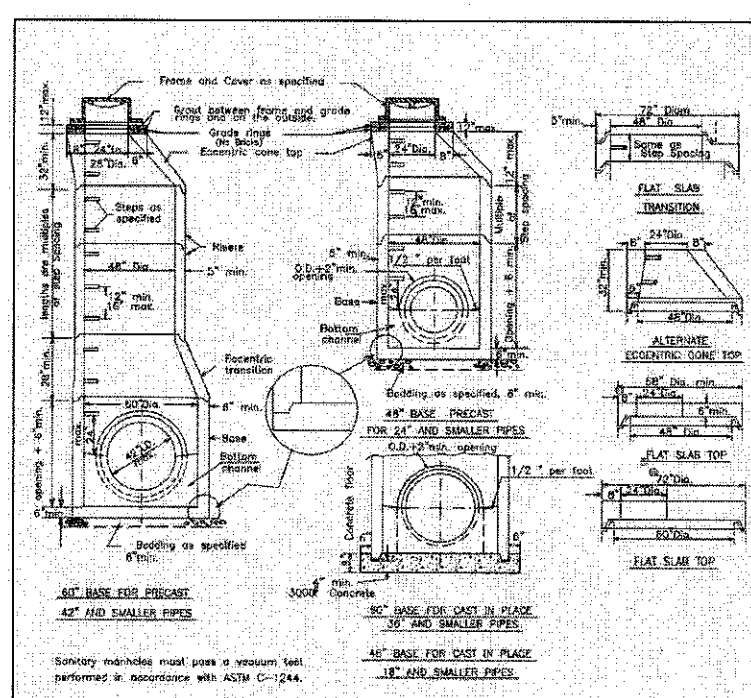
BASE I.D.	MIN. T	MAX. PIPE SIZE
60"	5"	36"
72"	6"	48"
84"	7"	54"
96"	8"	60"
108"	9"	72"



- NOTES:
- GENERAL: WITH NORMAL SOIL AND SITE CONDITIONS, THIS STANDARD PRECAST MANHOLE MAY BE USED FOR ANY REQUIRED MANHOLE DEPTH. CAST AND ASSEMBLE SECTIONS OF THE PRECAST MANHOLE WITH EITHER ALL TONGUE OR ALL GROOVE ENDS UP. LIFT HOLES MAY BE PROVIDED IN EACH SECTION FOR HANDLING. LEAVE HANDLING DEVICE FOR THE FLAT SLAB IN PLACE.
- TOP: PROVIDE A FLAT SLAB FOR THIS SECTION UNLESS AN ECCENTRIC CONE IS SPECIFIED.
- TRANSITION (OR REDUCER): THIS SECTION CAN BE EITHER ECCENTRIC CONE OR FLAT SLAB.
- BASE: MANHOLE NO. 3 IS SHOWN WITH MONOLITHIC FLOOR AND RISER WHICH MAY BE CAST IN ONE OR TWO OPERATIONS. A FORMER/SLAB, TRANSFER TO CAST AND SHIP THE FLOOR AND BARREL SEPARATELY. PROVIDE OPENINGS FOR INLET AND OUTLET PIPES, EITHER WHEN THE UNIT IS CAST OR LATER TO MEET PROJECT REQUIREMENTS. BOTTOM CHANNELS MAY BE FORMED OF CONCRETE, PRECAST IN THE CASE OR FIELD CONSTRUCTED AS SHOWN ON ESD MAN-1 AND MAN-3.1. RISER SECTIONS: OPENINGS FOR 18" AND SMALLER INLET PIPES MAY BE EITHER PREFABRICATED OR CUT IN THE FIELD PROVIDED THE SIDES OF THE PIPE AT THE SPRINGLINE DO NOT PROJECT INTO THE MANHOLE.
- CONNECTIONS: CONNECTIONS BETWEEN PRECAST MANHOLE SECTIONS AND PIPES ON SANITARY SEWERS MAY BE SEALED WITH RESILIENT CONNECTORS CONFORMING TO ASTM C 923.
- JOINT SEAL: FURNISH RESILIENT SEAL BETWEEN PRECAST MANHOLE SECTIONS ON SANITARY SEWERS AND FLEXIBLE GASKET JOINTS FOR GAS MANHOLE.
- OPENINGS: THE MAXIMUM PIPE OPENING IS THE O.D. OF THE PIPE BEING SUPPLIED PLUS 2" RIGID POLYURETHANE FOAM FIELD CUT. FILL ANY VOIDS PER CMS 601.
- MATERIALS: PROVIDE MATERIALS FOR BASES AND OTHER PRECAST SECTIONS, INCLUDING REINFORCEMENT NOT SPECIFIED HERE, THAT MEET THE REQUIREMENTS OF CMS 785.13.
- DROP PIPE: WHEN SPECIFIED ON THE PLANS, CONSTRUCT DROP PIPE AS SHOWN ON SCD 368-3.1.
- STEPS: FRAMES AND COVERS, MEET THE REQUIREMENTS SHOWN ON SCD 368-1.1.
- TOP SLAB REBAR: USE EPOXY COATED REINFORCING STEEL WITHIN THE TOP SLAB.

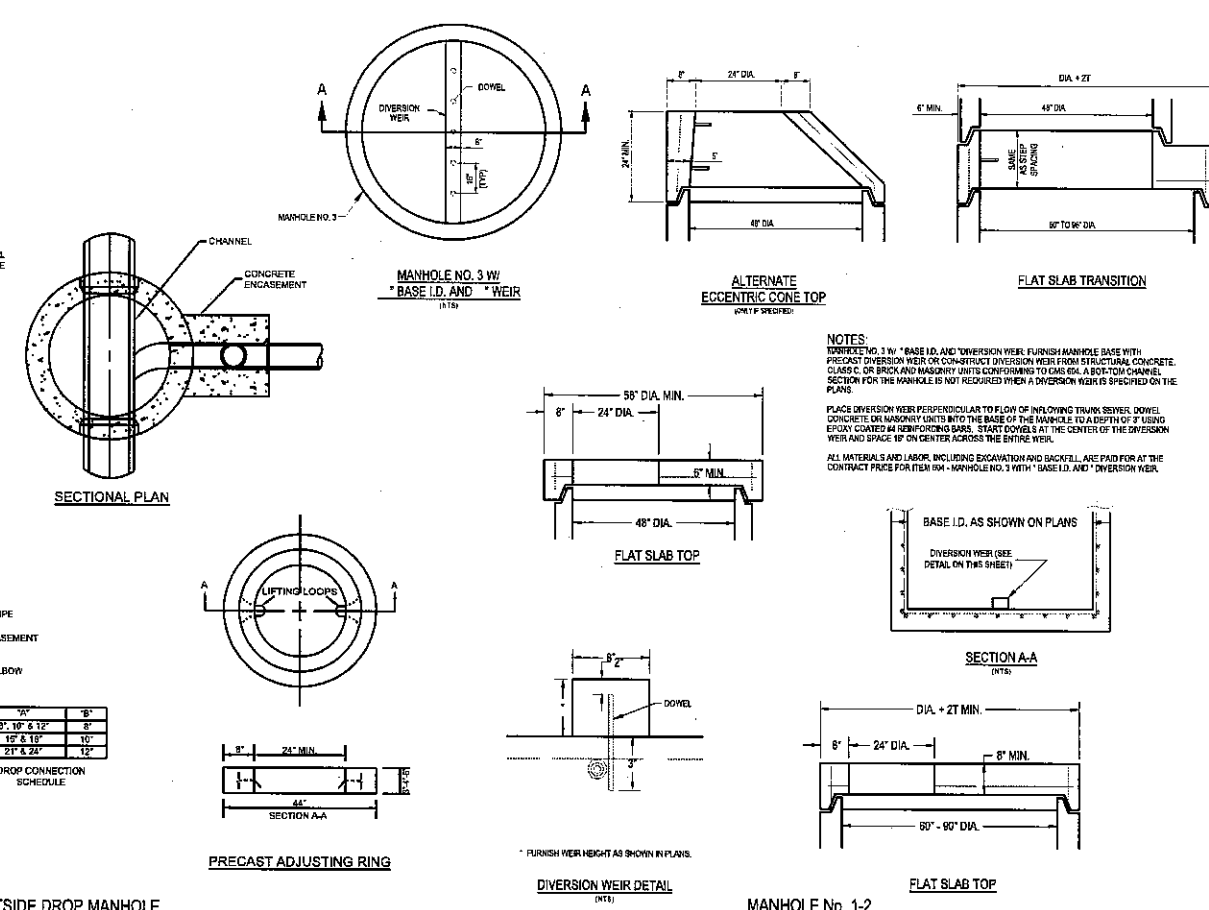


PIPE SIZE	HEIGHT
6"	3"
8"	6"
10"	6"
12"	6"
14"	6"
16"	6"
18"	6"
20"	6"
24"	6"
30"	6"
36"	6"



- NOTES:
- Sections of the precast manhole shall be cast and assembled with either all tongue or all groove ends up. Lift holes may be provided in each section for handling.
- TOP AND TRANSITION (or reducer): Sections may be either eccentric cone, concentric cone or flat slab.
- BASES for Manholes are shown with monolithic floor and riser which may be cast in one or two operations. A portable alternative is to cast and ship the floor and barrel separately. Openings for inlet and outlet pipes shall be provided, either when the unit is cast or later, to meet project requirements. Bottom channels may be formed of concrete precast in the base or by field construction. Floor may also be placed in place.
- OPENINGS IN RISER SECTIONS for 18" and smaller inlet pipes (Sanitary, Combined & Storm) shall be prefabricated. Flexible connections shall be provided for sanitary, storm and combined sewers. Premium ends shall meet A.S.T.M. C-923.
- JOINT SEALS between precast manhole sections and sewers shall be resilient and flexible gasket joints shall meet A.S.T.M. C-443, FEDERAL SPECIFICATIONS SS-5-00210 (210-A) and ASHRAE M-150.
- MANHOLE JOINTS and GRADE RINGS shall be sealed externally and between the grade rings with a layer of mastic compound such as 'Rohabond', 'Kast Seal' or equal.
- MATERIALS for bases and other precast sections including reinforcement not specified herein, shall comply with the specifications.
- PRECAST MANHOLES shall conform to the requirements of A.S.T.M. C-476.
- SEAL of lift holes with approved concrete plugs.
- LANDING PLATFORMS as shown on the LANDING DETAILS shall be installed in manholes that are over 26 feet deep to the invert with a minimum vertical spacing of 20 feet.
- MANHOLE FRAMES - specialty seats will be required on all new sanitary manholes.
- SANITARY MANHOLES shall have a minimum 3" vertical drop from casing elevations.

PRECAST CONCRETE MANHOLE 42" PIPE OR SMALLER



- NOTES:
- FOR PRECAST 36" BASE I.D. AND DIVERSION WEIR FURNISH MANHOLE BASE WITH PRECAST DIVERSION WEIR OR CONCRETE DIVERSION WEIR FROM STRUCTURAL CONCRETE CLASS C OR BRICK OR MASONRY UNITS CONFORMING TO CMS 654. A 60"-TOM CHANNEL SECTION FOR THE MANHOLE IS NOT REQUIRED WHEN A DIVERSION WEIR IS SPECIFIED ON THE PLANS.
- PLACE DIVERSION WEIR PERPENDICULAR TO FLOW OF INFLUENT THROUGH SEWER. DOWEL CONCRETE OR MASONRY UNITS INTO THE BASE OF THE MANHOLE TO A DEPTH OF 2" USING EPOXY COATED REINFORCING BARS. SEAT DOWELS AT THE CENTER OF THE DIVERSION WEIR AND SPACE 10" ON CENTER ACROSS THE ENTIRE WEIR.
- ALL MATERIALS AND LABOR, INCLUDING EXCAVATION AND BACKFILL, ARE PAID FOR AT THE CONTRACT PRICE FOR ITEM 84 - MANHOLE NO. 3 WITH "BASE I.D." AND "DIVERSION WEIR".

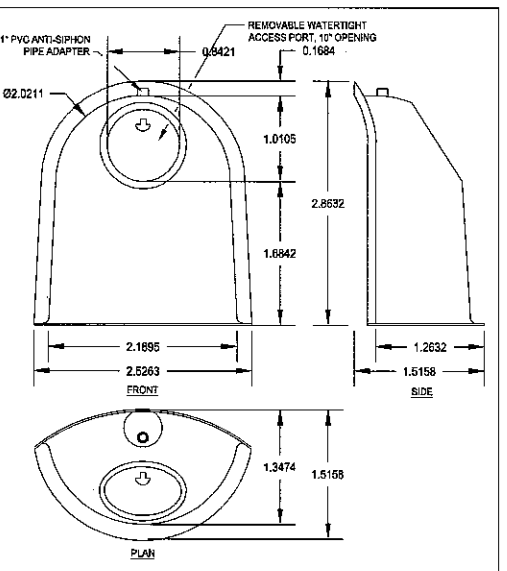
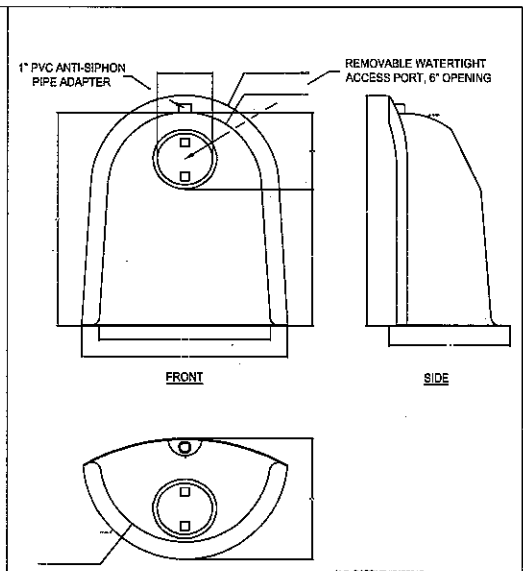
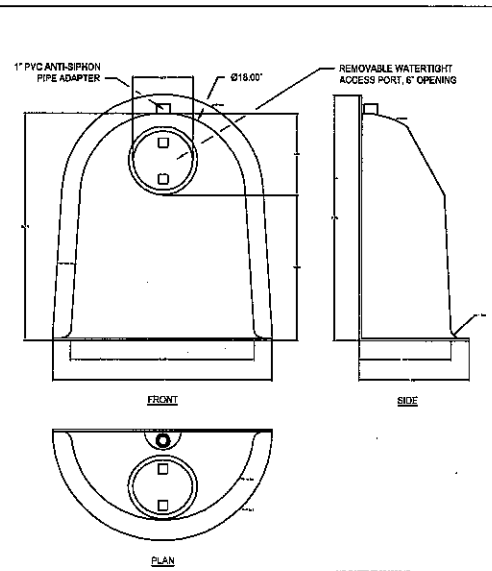
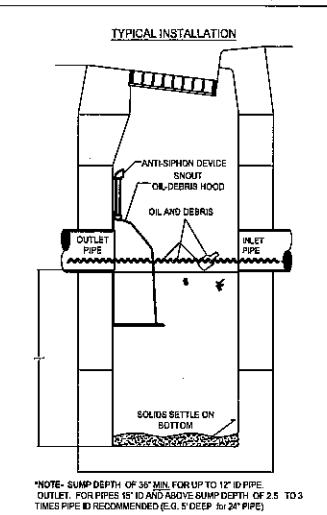
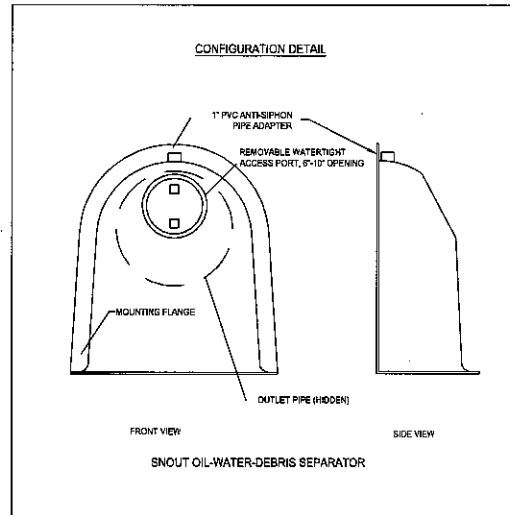
200 & 400 CANTIAN DRIVE, BLAUVELT, NY 10813

DELIVERY STATION

NO.	DATE	REVISION DESCRIPTION
1		
2		
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7		
8		
9		
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11		
12		

08/07/2020
ISSUE
FEEL PERMIT
DATE: 08/04/20
JOB NO.: 157184
SCALE: AS SHOWN
DESIGN: T.LEJA
DRAWN: T.LEJA
CHECKED: J.KOCINSKI
DRAWING TITLE: CONSTRUCTION DETAILS

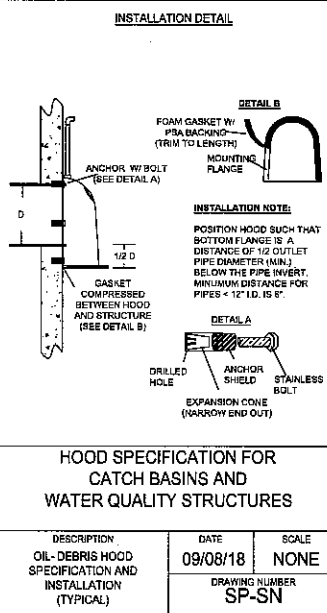
SHEET NO. C7.3



NOTES:

1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY: BEST MANAGEMENT PRODUCTS, INC. 9 MATHEWS DRIVE, UNIT A1-42, EAST HADDAM, CT 06423. TOLL FREE: (800) 594-8008 OR (860) 434-0277; FAX: (877) 434-3187. WEB SITE: www.bmpinc.com OR PRE-APPROVED EQUAL.
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125\"/>

US Patent # 6126517, 7951294, 7857966, 8512556
Canada Patent # 2285146, 2890169, 2890156 others pending



HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

DESCRIPTION	DATE	SCALE
OIL-DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/08/18	NONE
DRAWING NUMBER		
SP-SN		

U.S. PATENT # 6126517, 7951294, 7857966, 8512556

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT, 06371
(800) 594-8008 FAX: (860) 434-3185

DESCRIPTION	DATE	SCALE
18\"/>		

U.S. PATENT # 6126517, 7951294, 7857966, 8512556

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT, 06371
(800) 594-8008 FAX: (860) 434-3185

DESCRIPTION	DATE	SCALE
18\"/>		

DESIGNED TO FIT 4.0\"/>

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT, 06371
(800) 594-8008 FAX: (860) 434-3185

DESCRIPTION	DATE	SCALE
24\"/>		

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NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	PERMIT
2	08/07/2020	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
3	08/07/2020	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
4	08/07/2020	REVISED PER TOWNSHIP COMMENTS
5	08/07/2020	REVISED PER TOWNSHIP COMMENTS
6	08/07/2020	REVISED PER TOWNSHIP COMMENTS
7	08/07/2020	REVISED PER TOWNSHIP COMMENTS
8	08/07/2020	REVISED PER TOWNSHIP COMMENTS
9	08/07/2020	REVISED PER TOWNSHIP COMMENTS
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28	08/07/2020	REVISED PER TOWNSHIP COMMENTS
29	08/07/2020	REVISED PER TOWNSHIP COMMENTS
30	08/07/2020	REVISED PER TOWNSHIP COMMENTS

DELIVERY STATION

200 S. 400 CORTLAND DRIVE, BLAUVELT, NY 10813



08/07/2020

ISSUE:
FEDER PERMIT

DATE:
08/04/20

JOB NO.: 787184

SCALE: AS SHOWN

DESIGN: T. LEJA

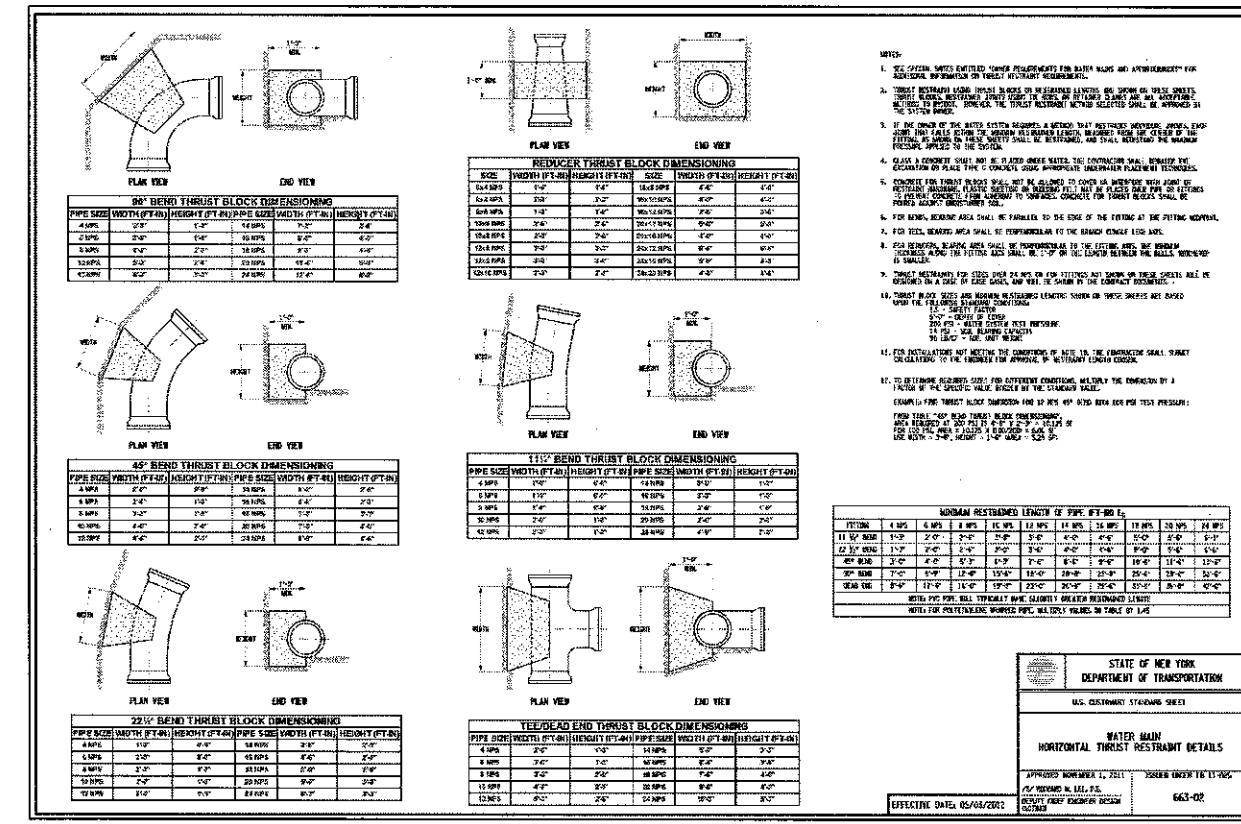
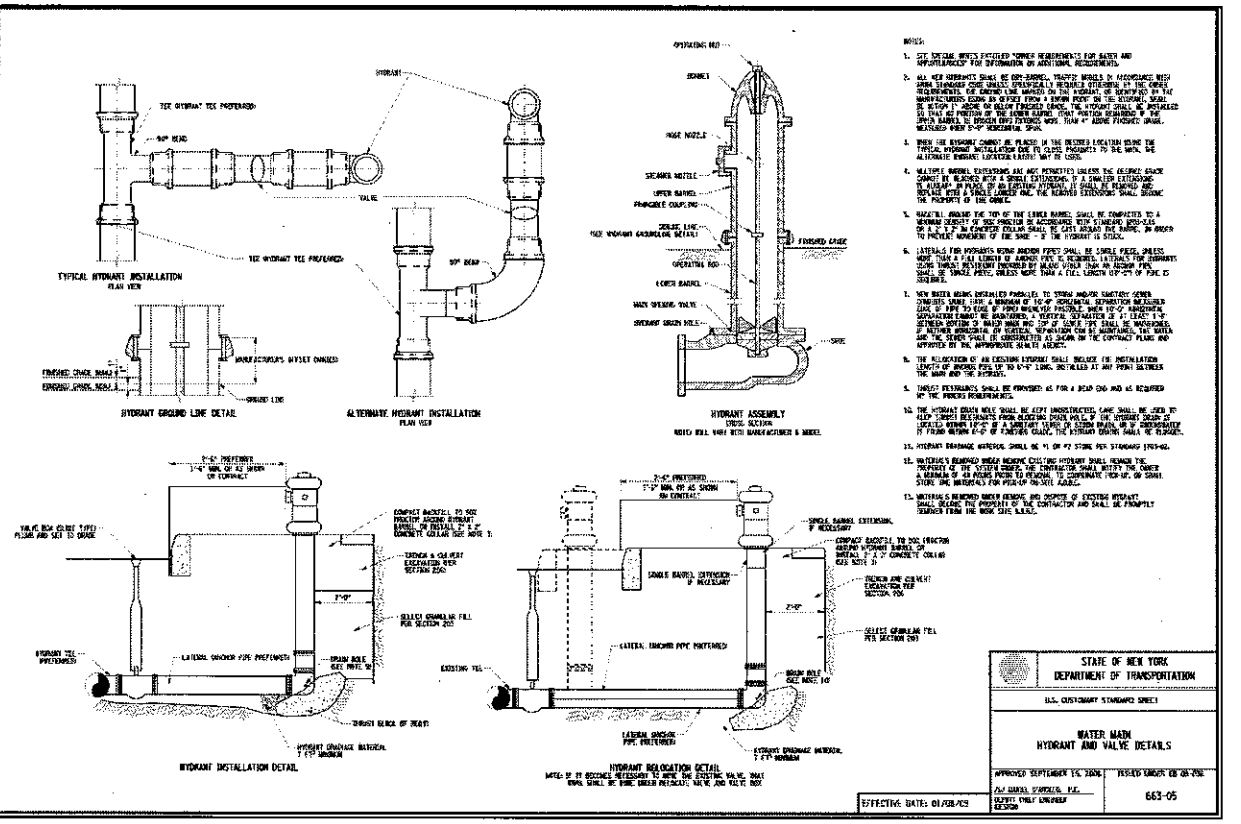
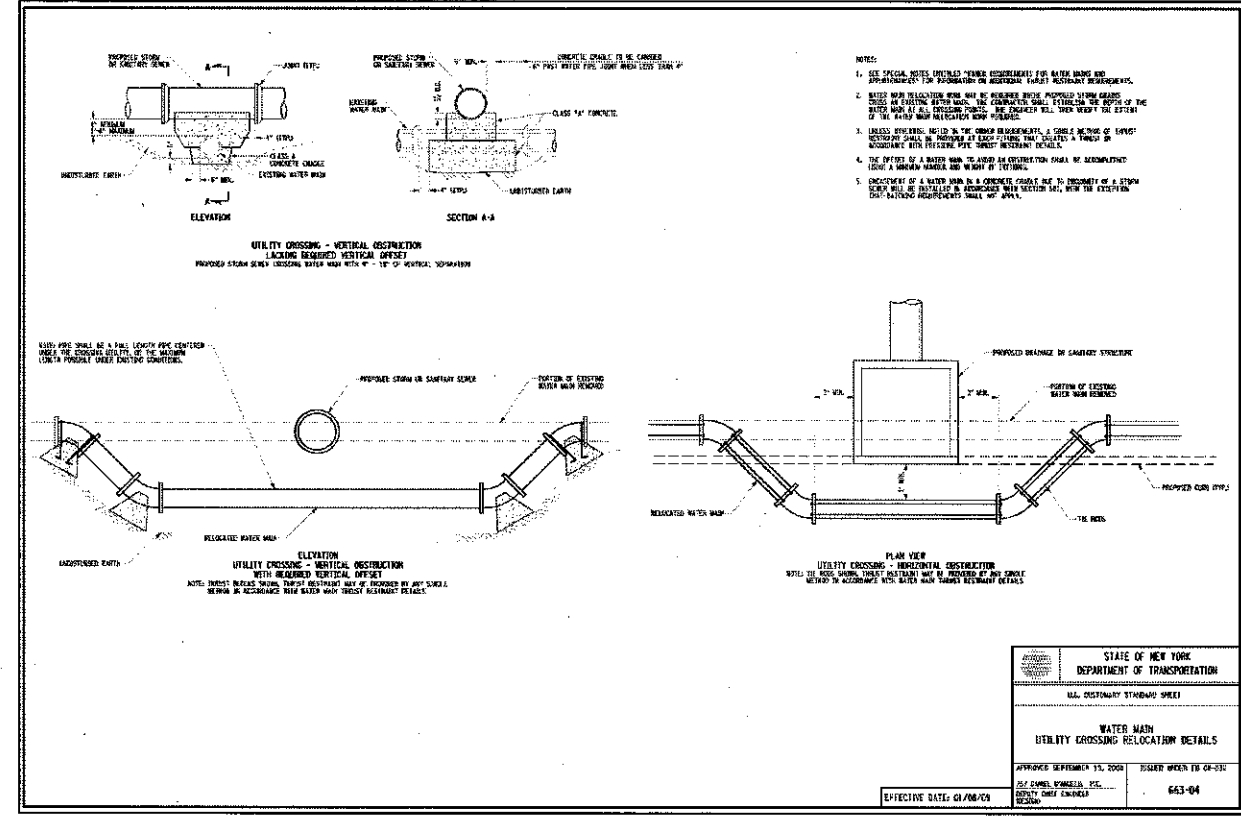
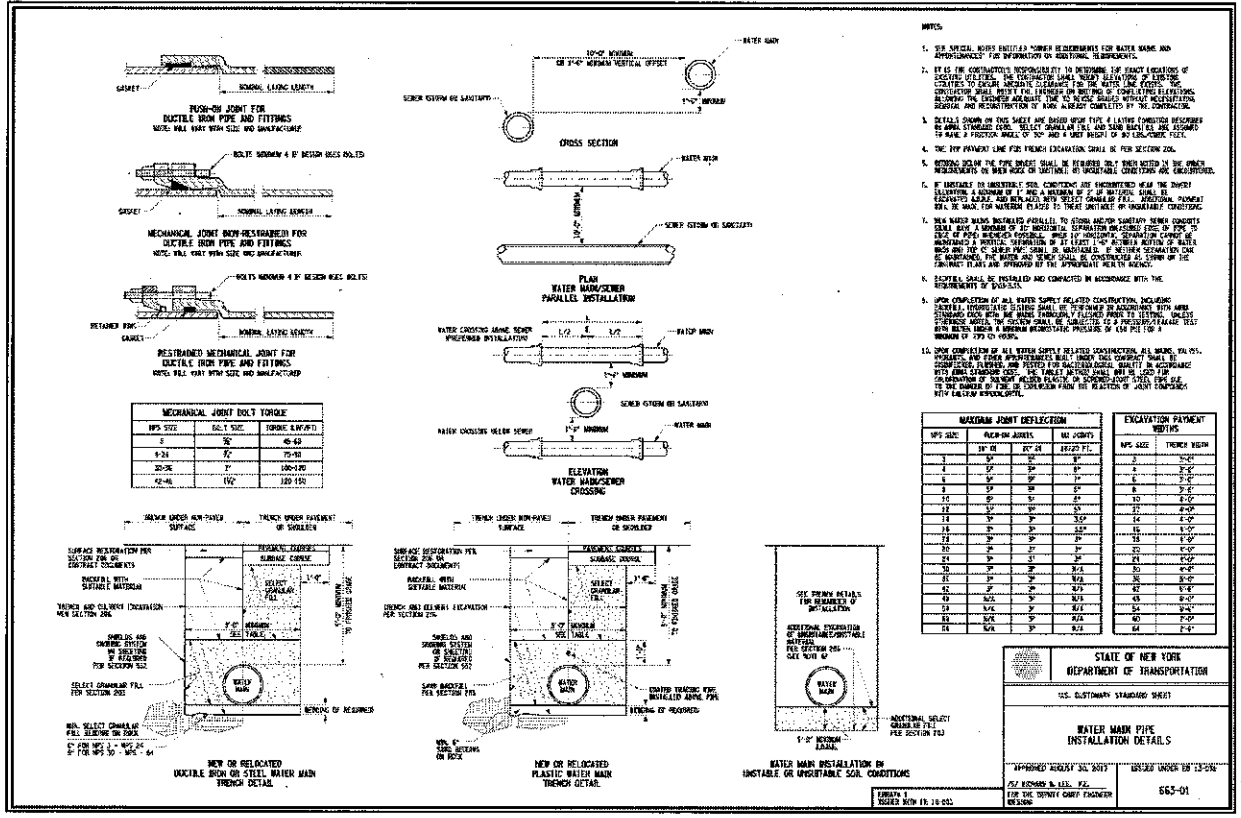
DRAWN: T. LEJA

CHECKED: J. KOCINSKI

DRAWING TITLE

CONSTRUCTION DETAILS

SHEET NO.
C7.4

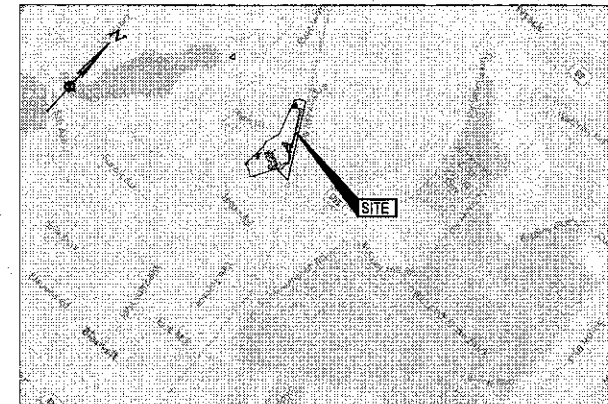
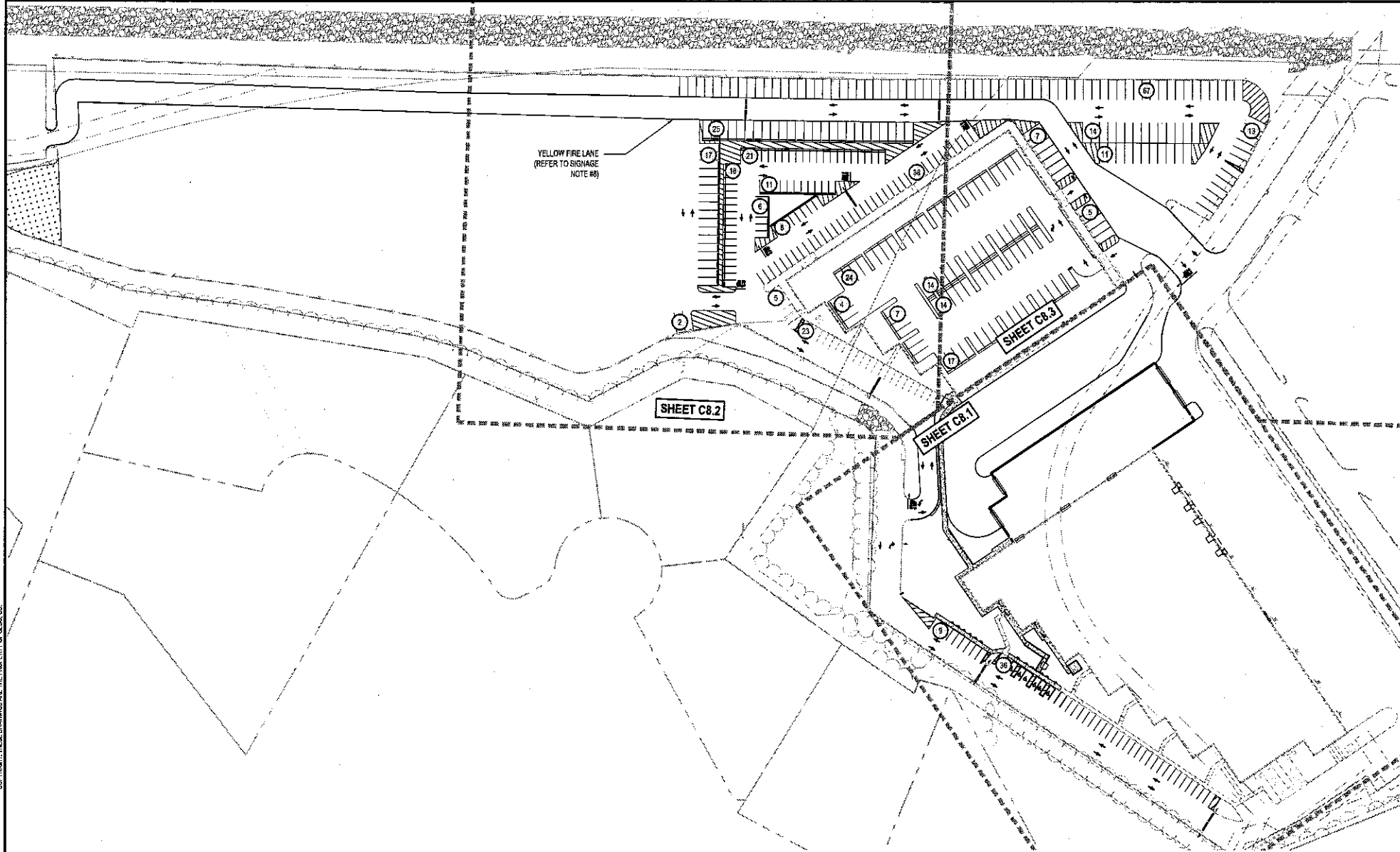


NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/04/20	DATE
3		JOB NO. 757184
4		SCALE: T. LEJA
5		DESIGN: T. LEJA
6		DRAWN: J. KOCINSKI
7		CHECKED: J. KOCINSKI
8		DRAWING TITLE
9		CONSTRUCTION DETAILS
10		SHEET NO. C7.6



STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
WATER MAIN
HORIZONTAL THRUST RESTRAINT DETAILS
APPROVED SEPTEMBER 11, 2020 ISSUED UNDER 16-02-05
J. KOCINSKI, P.E.
EFFECTIVE DATE: 08/04/20

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
WATER MAIN
HYDRANT AND VALVE DETAILS
APPROVED SEPTEMBER 11, 2020 ISSUED UNDER 16-02-05
J. KOCINSKI, P.E.
EFFECTIVE DATE: 08/04/20



SIGNAGE NOTES:

- REFER TO SIGNAGE AND STRIPING PLAN LOCATIONS OF SIGNS AND PAVEMENT MARKINGS.
- ALL SIGNAGE, STRIPING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL STRIPING SHALL BE LONG LIFE EPOXY RESIN AND 4" WIDE UNLESS OTHERWISE NOTED. ALL PAVEMENT GRAPHICS SHALL BE HOT-APPLIED THERMOPLASTIC (REFLECTIVE).
- COLOR SHALL BE WHITE ON ASPHALT AND YELLOW ON CONCRETE, UNLESS OTHERWISE NOTED.
- ASPHALT SPEED HUMPS AND SPEED BUMPS SHALL BE USED IN COLDER CLIMATES WHERE SNOW REMOVAL EQUIPMENT IS INTENDED TO BE USED. RUBBER SPEED HUMPS AND SPEED BUMPS MAY BE USED IN WARMER CLIMATES OR REGIONS WHERE CONCRETE PAVEMENT IS PREVALENT.
- ALL PROPOSED SIGNAGE AND STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE TENANT FULFILLMENT WORLDWIDE REAL ESTATE SIGNAGE STANDARDS REVISION 16 DATED QUARTER 2, 2019.
- FINAL QUANTITIES SHALL BE COORDINATED AND VERIFIED IN FIELD.
- ADDITIONAL SIGNAGE NOT SHOWN ON GRAPHICS PLAN (E.G. FIRE LANES) MAY BE REQUIRED PER LOCAL CODE AND/OR A.H.J. SUB-CONTRACTOR SHALL COORDINATE WITH LOCAL A.H.J. AND PROVIDE AS REQUIRED.
- MOUNT SIGNAGE ACCORDING TO LOCAL CODES.
- TYPICAL SIGN FONT IS SET IN AERIAL.

CODED NOTES:

- EXISTING "STOP" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION, CONTRACTOR TO INSTALL "STOP" SIGN PER DETAIL ON SHEET SERIES C7.0.
- EXISTING "SPEED LIMIT 10 MPH" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION CONTRACTOR TO INSTALL "SPEED LIMIT 10 MPH" SIGN PER DETAIL ON SHEET C7.0.

SIGNAGE AND STRIPING CODE TABLE		
CODE	TOTAL	DESCRIPTION
PG-1	6	WHITE STOP BAR
PG-5	44	STRAIGHT ARROW
PG-6L	1	LEFT ARROW
PG-6R	2	RIGHT ARROW
PG-10	21	TRAFFIC ISLAND
PG-11	2	PEDESTRIAN CROSSWALK
PG-12	0	CROSSWALK TABLE ARROW
PG-16	12	SPEED BUMP
PG-17	6	ACCESSIBLE PARKING SYMBOL
PG-18	1	VAN ACCESSIBLE PARKING SYMBOL
S-1	8	STOP SIGN
S4	6	"SPEED LIMIT 10 MPH" SIGN
S10	1	RIGHT TURN ONLY
S-5	0	SQUARE PEDESTRIAN CROSSING "STOP" SIGN, LEFT ARROW
S-13	1	NO TRUCKS SIGN
S-15	5	ACCESSIBLE PARKING SIGN
S-18	1	VAN ACCESSIBLE PARKING SIGN
AS-31	5	AMAZON "CUSTOMER PARKING" SIGN

NOTE: REFER TO DETAILS ON SHEET SERIES C7.0

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.I.R.M. NO. 99087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAIN).

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.68 FT	816832.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	816736.46 N, 641528.86 E

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3825 N. SHLOCH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 582-1883
 CONTACT: PAXTON SINGLETON
 CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

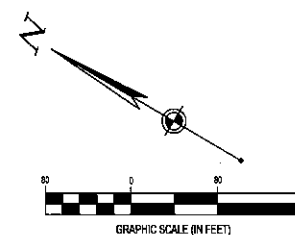
LEGEND

EXISTING

REFER TO ON LEGEND ON C2.0

PROPOSED

- SPEED BUMP/SPEED HUMP
- TRAFFIC DIRECTIONAL ARROWS
- SIGN (TYPE SPECIFIED BY CODED NOTE)
- TRAFFIC STOP BAR WITH LETTERING
- BUMPER BLOCK



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

NO.	DATE	REVISION DESCRIPTION
1	09/07/20	FOR PERMIT
2	09/07/20	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
3	09/07/20	SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
4	09/07/20	REWORK FOR COMMENTS

DELIVERY STATION

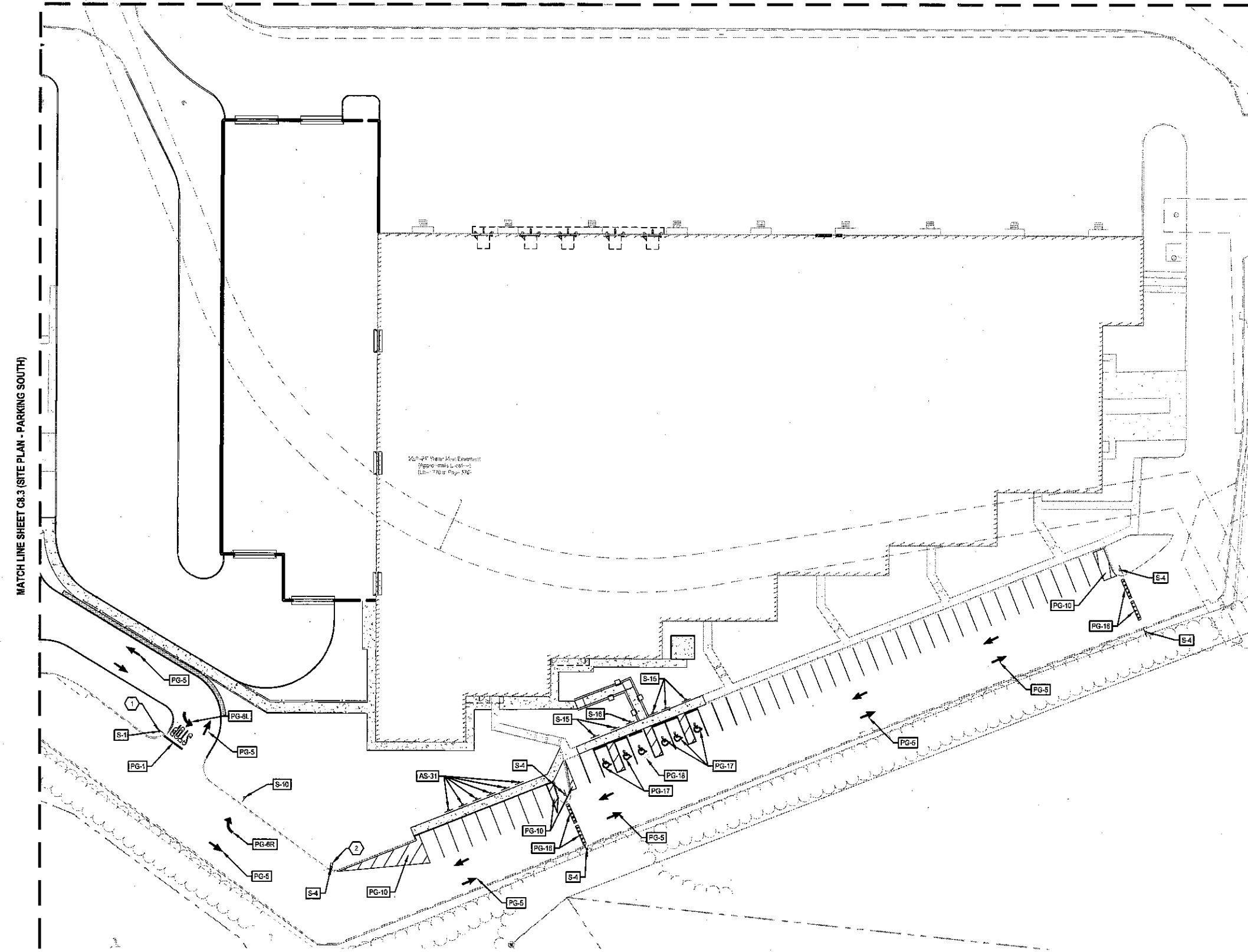


09/07/2020
 ISSUE: FOR PERMIT
 DATE: 09/04/20
 JOB NO.: 757184
 SCALE: 1" = 80'
 DESIGN: T. LEJA
 DRAWN: S. BAILEY
 CHECKED: J. KOCINSKI
 DRAWING TITLE

SIGNAGE PLAN - OVERALL

SHEET NO. C8.0

MATCH LINE SHEET C8.3 (SITE PLAN - PARKING SOUTH)



CODED NOTES:

- EXISTING "STOP" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION, CONTRACTOR TO INSTALL "STOP" SIGN PER DETAIL ON SHEET SERIES C7.0.
- EXISTING "SPEED LIMIT 10 MPH" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION CONTRACTOR TO INSTALL "SPEED LIMIT 10 MPH" SIGN PER DETAIL ON SHEET SERIES C7.0.

LEGEND

- EXISTING**
REFER TO ON LEGEND ON C2.0
- PROPOSED**
- SPEED BUMP/SPEED HUMP
 - TRAFFIC DIRECTIONAL ARROWS
 - SIGN (TYPE SPECIFIED BY CODED NOTE)
 - TRAFFIC STOP BAR WITH LETTERING
 - BUMPER BLOCK

SIGNAGE NOTES:

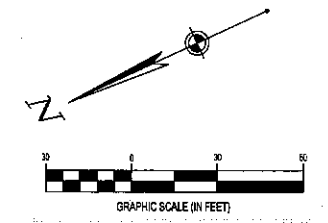
- REFER TO SIGNAGE AND STRIPING PLAN LOCATIONS OF SIGNS AND PAVEMENT MARKINGS.
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- ALL STRIPING SHALL BE LONG LIFE EPOXY RESIN AND 4" WIDE UNLESS OTHERWISE NOTED. ALL PAVEMENT GRAPHICS SHALL BE HOT-APPLIED THERMOPLASTIC (REFLECTIVE).
- COLOR SHALL BE WHITE ON ASPHALT AND YELLOW ON CONCRETE, UNLESS OTHERWISE NOTED.
- ASPHALT SPEED HUMPS AND SPEED BUMPS SHALL BE USED IN COLDER CLIMATES WHERE SNOW REMOVAL EQUIPMENT IS INTENDED TO BE USED. RUBBER SPEED HUMPS AND SPEED BUMPS MAY BE USED IN WARMER CLIMATES OR REGIONS WHERE CONCRETE PAVEMENT IS PREVALENT.
- ALL PROPOSED SIGNAGE AND STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE TENANT FULFILLMENT WORLDWIDE REAL ESTATE SIGNAGE STANDARDS REVISION 16 DATED QUARTER 2, 2019.
- FINAL QUANTITIES SHALL BE COORDINATED AND VERIFIED IN FIELD.
- ADDITIONAL SIGNAGE NOT SHOWN ON GRAPHICS PLAN (E.G. FIRE LANES) MAY BE REQUIRED PER LOCAL CODE AND/OR A.H.J. SUB-CONTRACTOR SHALL COORDINATE WITH LOCAL A.H.J. AND PROVIDE AS REQUIRED.
- MOUNT SIGNAGE ACCORDING TO LOCAL CODES.
- TYPICAL SIGN FONT IS SET IN AERIAL.

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/04/20	DATE: 08/04/20
3		JOB NO.: 757184
4		SCALE: 1" = 30'
5		DESIGN: T. LEJA
6		DRAWN: S. BAILEY
7		CHECKED: J. KOZINSKI
8		DRAWING TITLE

DELIVERY STATION



08/07/2020
 ISSUE FOR PERMIT
 DATE: 08/04/20
 JOB NO.: 757184
 SCALE: 1" = 30'
 DESIGN: T. LEJA
 DRAWN: S. BAILEY
 CHECKED: J. KOZINSKI
 DRAWING TITLE



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

FLOODPLAIN DESIGNATION:
 ACCORDING TO F.I.R.M. NO. 9807C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

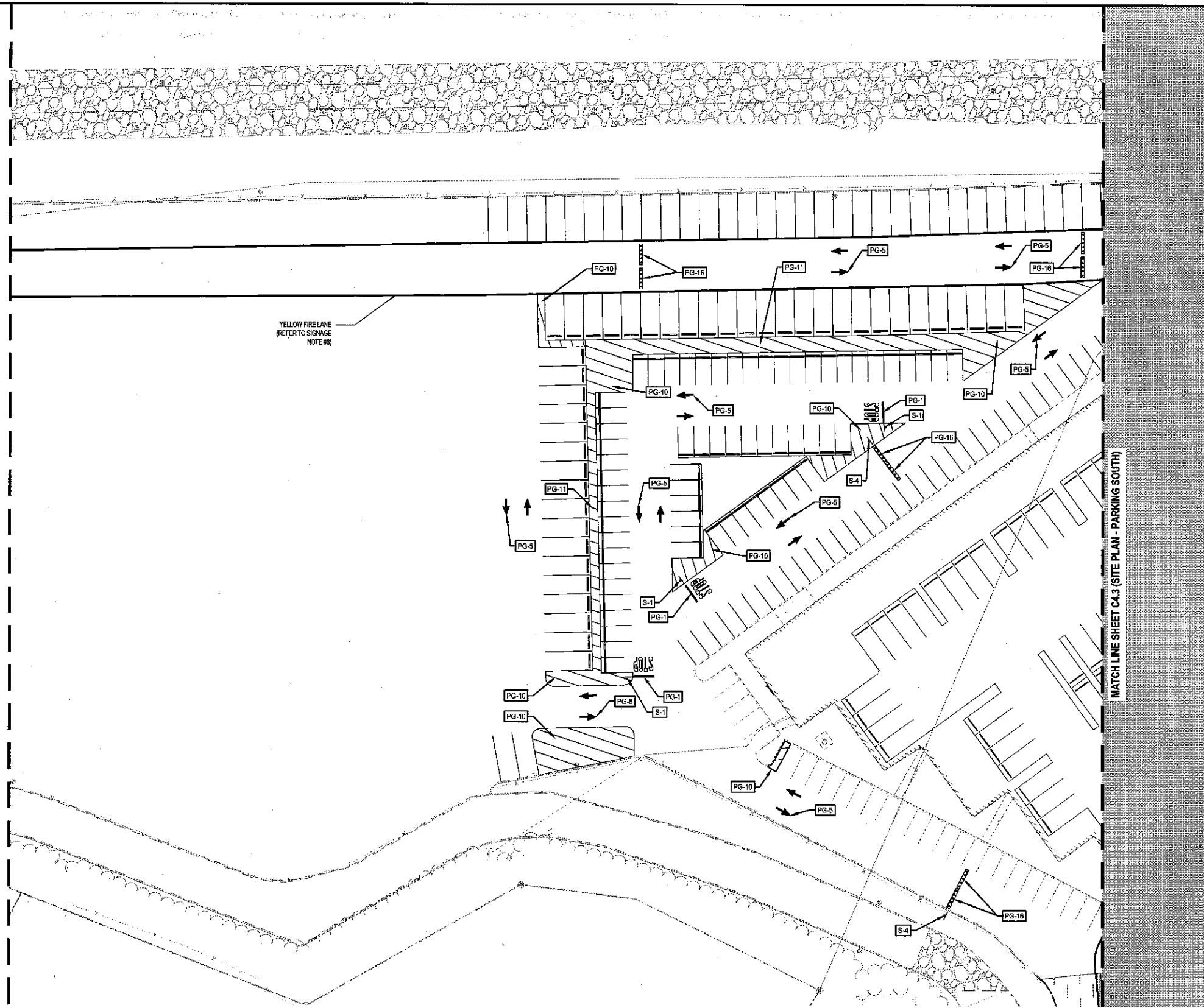
BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.88 FT	816832.73 N, 641443.82 E
BM 2	5 / 8" REBAR	71.22 FT	816739.49 N, 641528.88 E

SURVEY (DATED 10/31/2019) BY:
 BLEW & ASSOCIATES, PA
 3825 N. SHILOH DRIVE
 FAYETTEVILLE, AR 72703
 PHONE: (479) 582-1883
 CONTACT: FAXTON SINGLETON
 CSO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

SIGNAGE PLAN - WEST
 SHEET NO.
 C8.1

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CODED NOTES:

- EXISTING "STOP" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION, CONTRACTOR TO INSTALL "STOP" SIGN PER DETAIL ON SHEET SERIES C7.0.
- EXISTING "SPEED LIMIT 10 MPH" SIGN TO REMAIN. IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION CONTRACTOR TO INSTALL "SPEED LIMIT 10 MPH" SIGN PER DETAIL ON SHEET SERIES C7.0.

LEGEND

- EXISTING**
REFER TO ON LEGEND ON C2.0
- PROPOSED**
- SPEED BUMP/SPEED HUMP
 - TRAFFIC DIRECTIONAL ARROWS
 - SIGN (TYPE SPECIFIED BY CODED NOTE)
 - TRAFFIC STOP BAR WITH LETTERING
 - BUMPER BLOCK

SIGNAGE NOTES:

- REFER TO SIGNAGE AND STRIPING PLAN LOCATIONS OF SIGNS AND PAVEMENT MARKINGS.
- ALL SIGNAGE, STRIPING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL STRIPING SHALL BE LONG LIFE EPOXY RESIN AND 4" WIDE UNLESS OTHERWISE NOTED. ALL PAVEMENT GRAPHICS SHALL BE HOT-APPLIED THERMOPLASTIC (REFLECTIVE).
- COLOR SHALL BE WHITE ON ASPHALT AND YELLOW ON CONCRETE, UNLESS OTHERWISE NOTED.
- ASPHALT SPEED HUMPS AND SPEED BUMPS SHALL BE USED IN COLDER CLIMATES WHERE SNOW REMOVAL EQUIPMENT IS INTENDED TO BE USED. RUBBER SPEED HUMPS AND SPEED BUMPS MAY BE USED IN WARMER CLIMATES OR REGIONS WHERE CONCRETE PAVEMENT IS PREVALENT.
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- FINAL QUANTITIES SHALL BE COORDINATED AND VERIFIED IN FIELD.
- ADDITIONAL SIGNAGE NOT SHOWN ON GRAPHICS PLAN (E.G. FIRE LANES) MAY BE REQUIRED PER LOCAL CODE AND/OR AHJ. SUB-CONTRACTOR SHALL COORDINATE WITH LOCAL AHJ AND PROVIDE AS REQUIRED.
- MOUNT SIGNAGE ACCORDING TO LOCAL CODES.
- TYPICAL SIGN FONT IS SET IN AERIAL.

YELLOW FIRE LANE
(REFER TO SIGNAGE
NOTE #8)

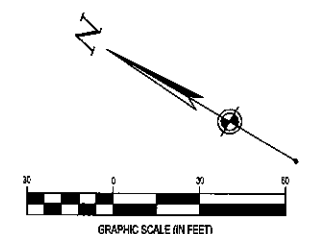
MATCH LINE SHEET C4.3 (SITE PLAN - PARKING SOUTH)

FLOODPLAIN DESIGNATION:
ACCORDING TO F.J.R.M. NO. 30087C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.88 FT	816832.73 N, 841443.82 E
BM 2	5/8" REBAR	71.22 FT	818739.46 N, 841528.88 E

SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 682-1883
CONTACT: PAXTON SINGLETON

C&S PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	ISSUE FOR PERMIT
2	08/04/20	DATE
3		JOB NO.: 757184
4		SCALE: 1" = 30'
5		DESIGN: T. LEJA
6		DRAWN: S. BAILEY
7		CHECKED: J. KOCHINSKI
8		DRAWING TITLE
9		SIGNAGE PLAN - PARKING MIDDLE
10		SHEET NO. C8.2

DELIVERY STATION



08/07/2020
ISSUE FOR PERMIT
DATE 08/04/20
JOB NO.: 757184
SCALE: 1" = 30'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCHINSKI
DRAWING TITLE

SIGNAGE PLAN - PARKING MIDDLE

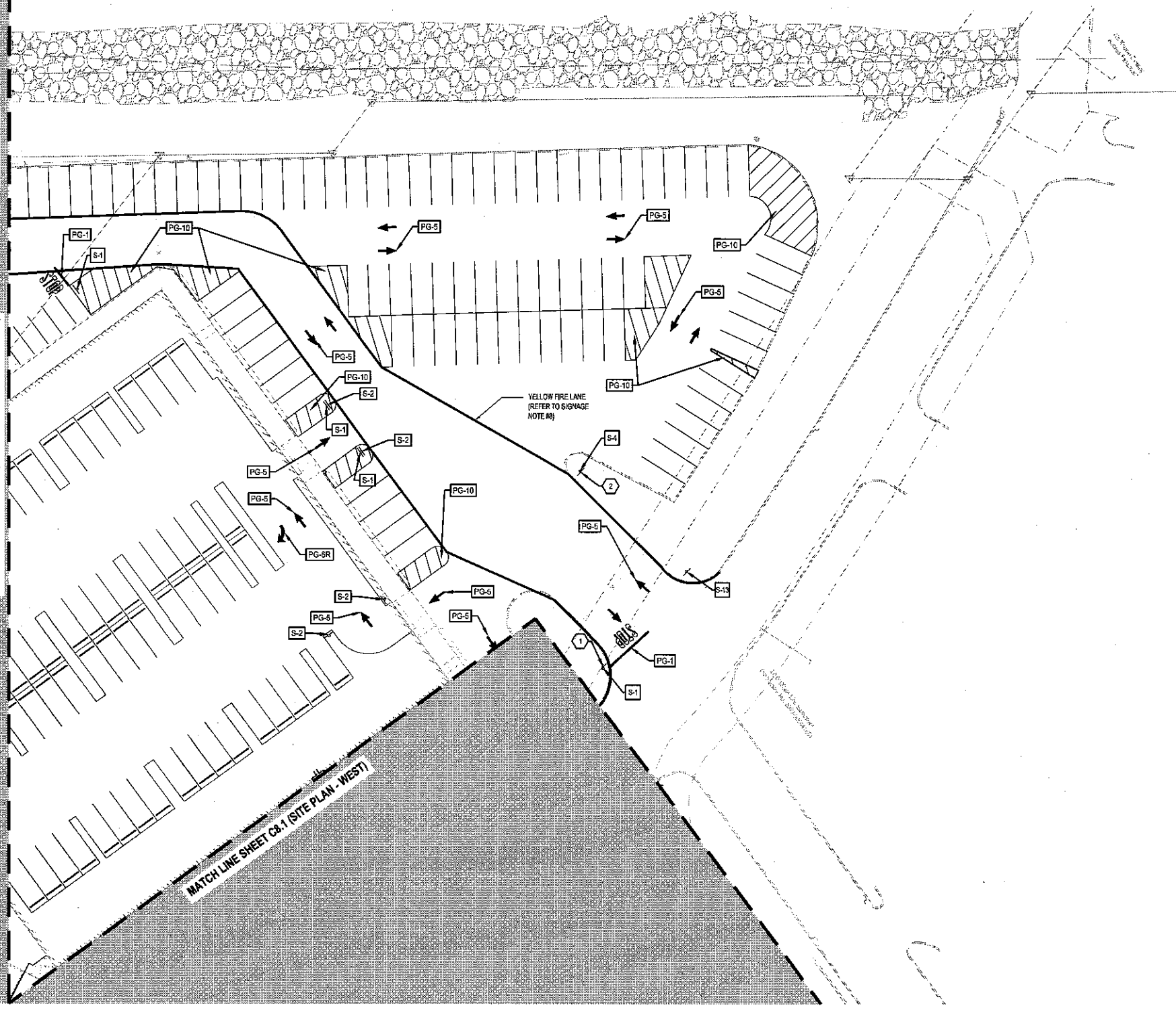
SHEET NO. C8.2

208 & 400 ORTANI DRIVE, BLAUVELT, NY 10913

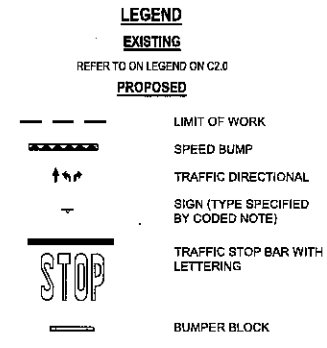
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MATCH LINE SHEET C8.2 (SITE PLAN - PARKING MIDDLE)

MATCH LINE SHEET C8.1 (SITE PLAN - WEST)



- CODED NOTES:**
- EXISTING "STOP" SIGN TO REMAIN, IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION, CONTRACTOR TO INSTALL "STOP" SIGN PER DETAIL ON SHEET SERIES C7.A.
 - EXISTING "SPEED LIMIT 10 MPH" SIGN TO REMAIN, IF SIGN IS NOT EXISTING NOR IN ADEQUATE CONDITION CONTRACTOR TO INSTALL "SPEED LIMIT 10 MPH" SIGN PER DETAIL ON SHEET SERIES C7.A.



- SIGNAGE NOTES:**
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 - MOUNT SIGNAGE ACCORDING TO LOCAL CODES.
 - TYPICAL SIGN FONT IS SET IN AERIAL.

NO.	DATE	REVISION DESCRIPTION
1	08/07/2020	FOR PERMIT
2	08/04/20	SUPPLEMENTAL PLAN SHEETS PER PLANNING BOARD COMMENTS
3	08/04/20	SUPPLEMENTAL PLAN SHEETS PER PLANNING BOARD COMMENTS
4	08/04/20	REVISED PER TOWNSHIP COMMENTS

DELIVERY STATION

200 & 400 ORISKANY DRIVE, BLAUVELT, NY 10813



08/07/2020

ISSUE FOR PERMIT
DATE: 08/04/20

JOB NO.: 757194
SCALE: 1" = 30'
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOCINSKI



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

FLOODPLAIN DESIGNATION:

ACCORDING TO F.I.R.M. NO. 36057C-0179-G, BEARING AN EFFECTIVE DATE OF 03/03/2014, THE SUBJECT PROPERTIES ARE LOCATED IN A ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL FLOOD PLAN).

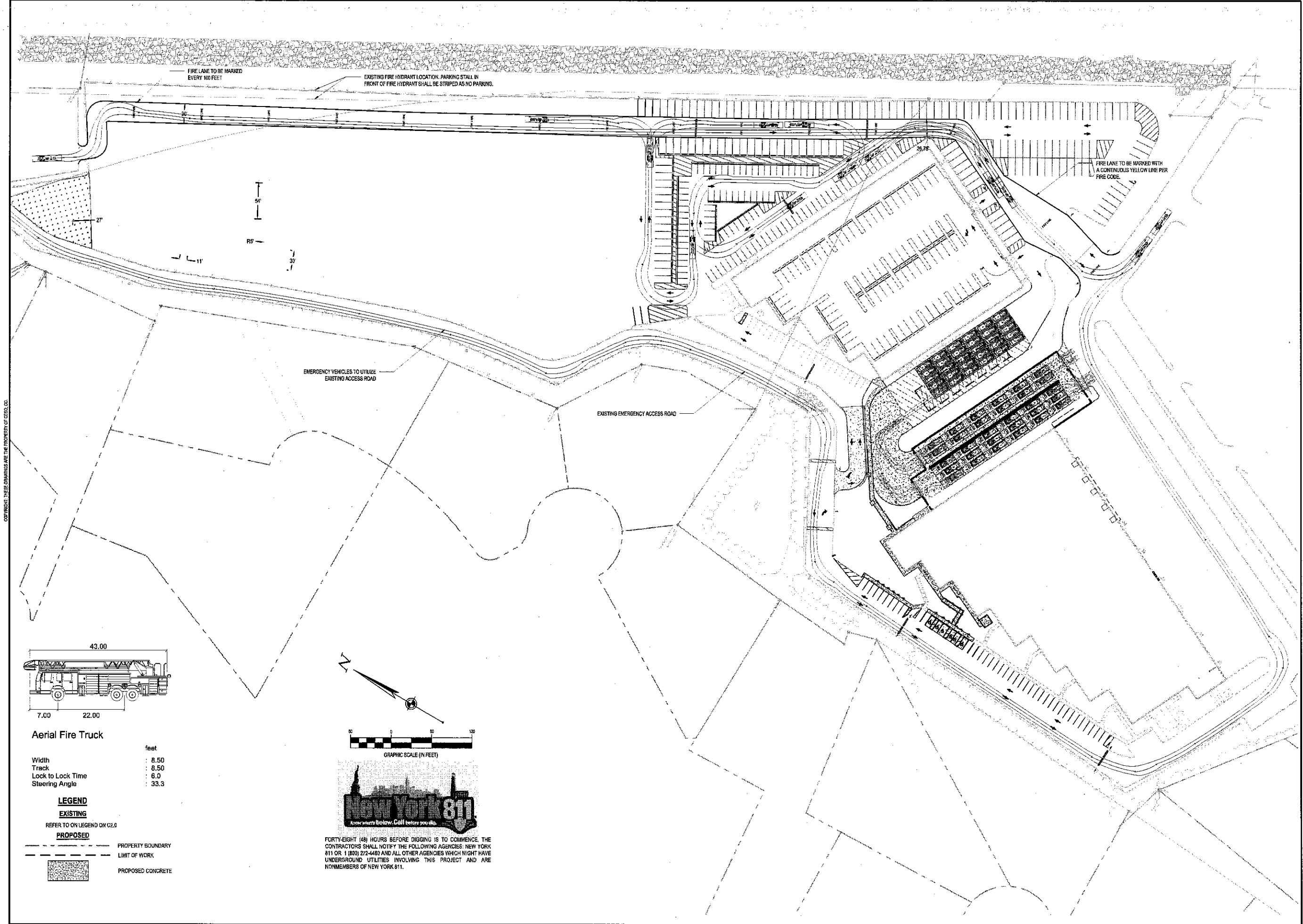
BENCHMARK			
	DESCRIPTION	ELEVATION	NORTHING/EASTING
BM 1	1" PIPE	93.58 FT	816932.73 N, 641443.82 E
BM 2	5/8" REBAR	71.22 FT	818735.46 N, 641528.88 E

SURVEY (DATED 10/31/2019) BY:
BLEW & ASSOCIATES, PA
3825 N. SHILOH DRIVE
FAYETTEVILLE, AR 72703
PHONE: (479) 582-1883
CONTACT: PAXTON SINGLETON

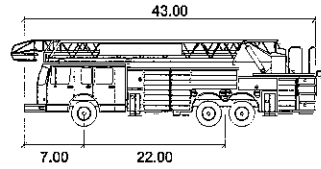
CESO PROVIDES NO GUARANTEE TO THE ACCURACY OF THE SURVEY PROVIDED BY BLEW & ASSOCIATES, PA, CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO BID AND CONSTRUCTION.

* ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS UTILIZING ONLINE POSITIONING USER SERVICE (OPUS) FOR POST PROCESSING. (NAVD 1988 DATUM)

SHEET NO.
C8.3



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Aerial Fire Truck

	feet
Width	: 8.50
Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 33.3

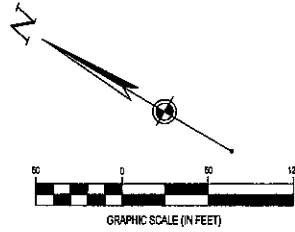
LEGEND

EXISTING

REFER TO ON LEGEND ON C2.0

PROPOSED

	PROPERTY BOUNDARY
	LIMIT OF WORK
	PROPOSED CONCRETE



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE. THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 OR 1 (800) 272-4482 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 811.

NO.	DATE	REVISION DESCRIPTION
1	08/07/20	ISSUE FOR PERMIT
2	08/04/20	DATE
3	08/04/20	DATE
4	08/04/20	DATE
5	08/04/20	DATE
6	08/04/20	DATE
7	08/04/20	DATE
8	08/04/20	DATE
9	08/04/20	DATE
10	08/04/20	DATE

DELIVERY STATION

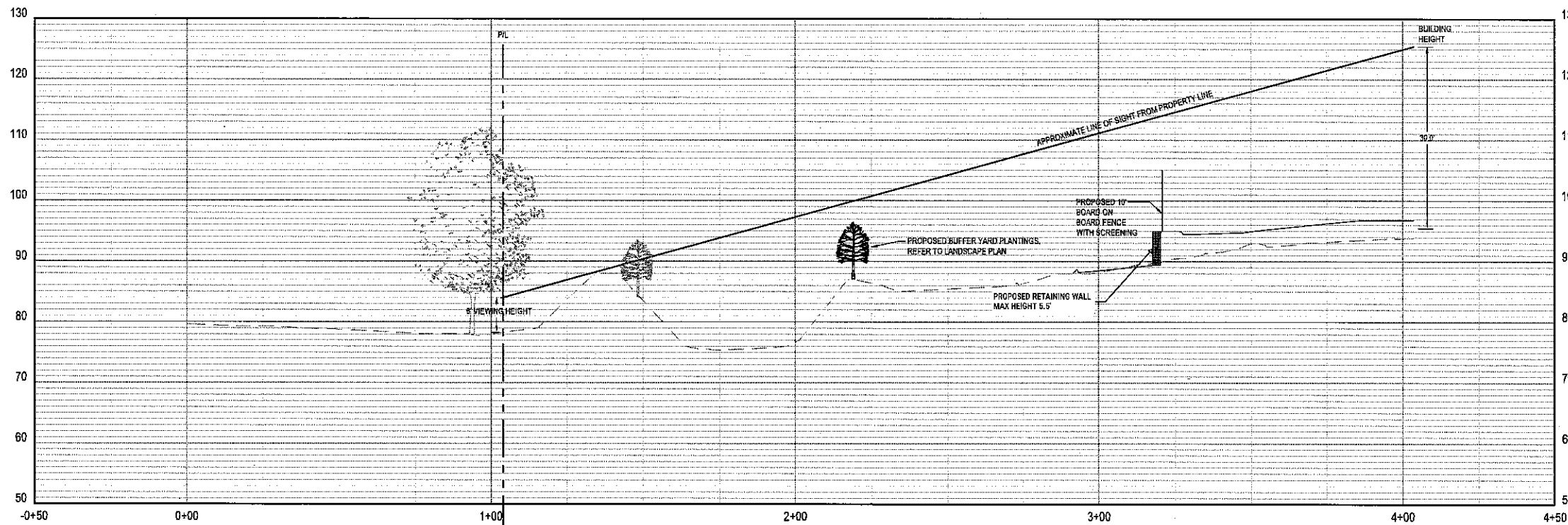
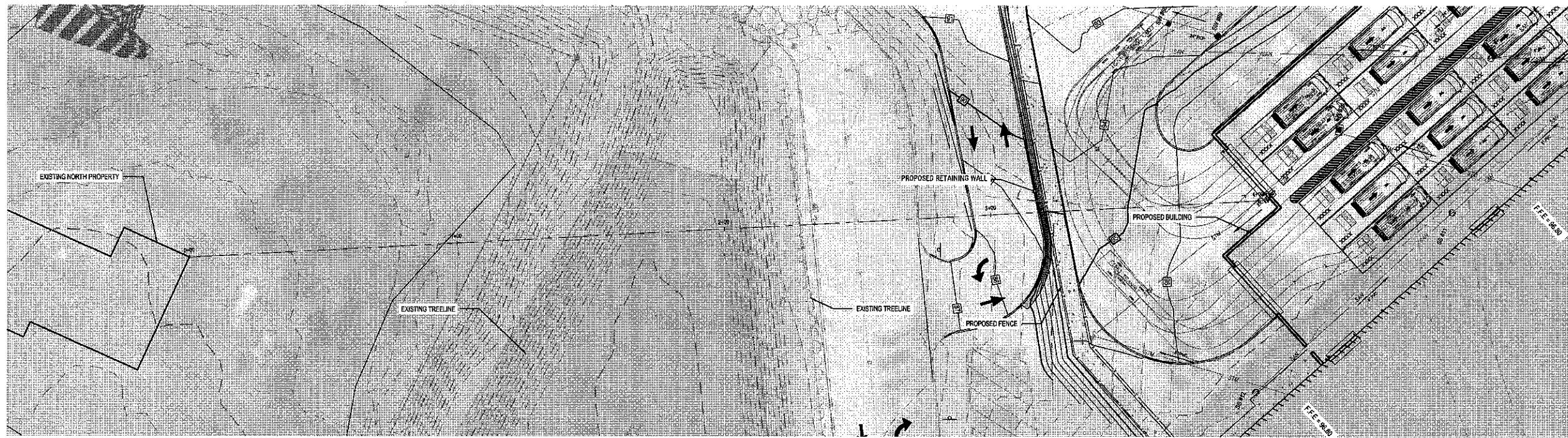
200 & 400 CORTLAND DRIVE - MANHATTAN, NY 10013

J. KOCINSKI

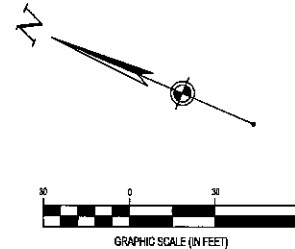
ISSUE FOR PERMIT	DATE	08/04/20
JOB NO.	757184	
SCALE	AS SHOWN	
DESIGN	T. LEJA	
DRAWN	M. HAMILTON	
CHECKED	J. KOCINSKI	

CIRCULATION PLAN

SHEET NO.
C10.0



NORTH PROPERTY PROFILE
SCALE: 1" = 20' HORIZ.; 1" = 10' VERT.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: NEWYORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEWYORK 811 CALL.

NO.	DATE	REVISION DESCRIPTION
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5	08/07/20	FOR PERMIT
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9	08/07/20	FOR PERMIT
10	08/07/20	FOR PERMIT
11	08/07/20	FOR PERMIT
12	08/07/20	FOR PERMIT
13	08/07/20	FOR PERMIT
14	08/07/20	FOR PERMIT
15	08/07/20	FOR PERMIT
16	08/07/20	FOR PERMIT
17	08/07/20	FOR PERMIT
18	08/07/20	FOR PERMIT
19	08/07/20	FOR PERMIT
20	08/07/20	FOR PERMIT

DELIVERY STATION

[Signature]

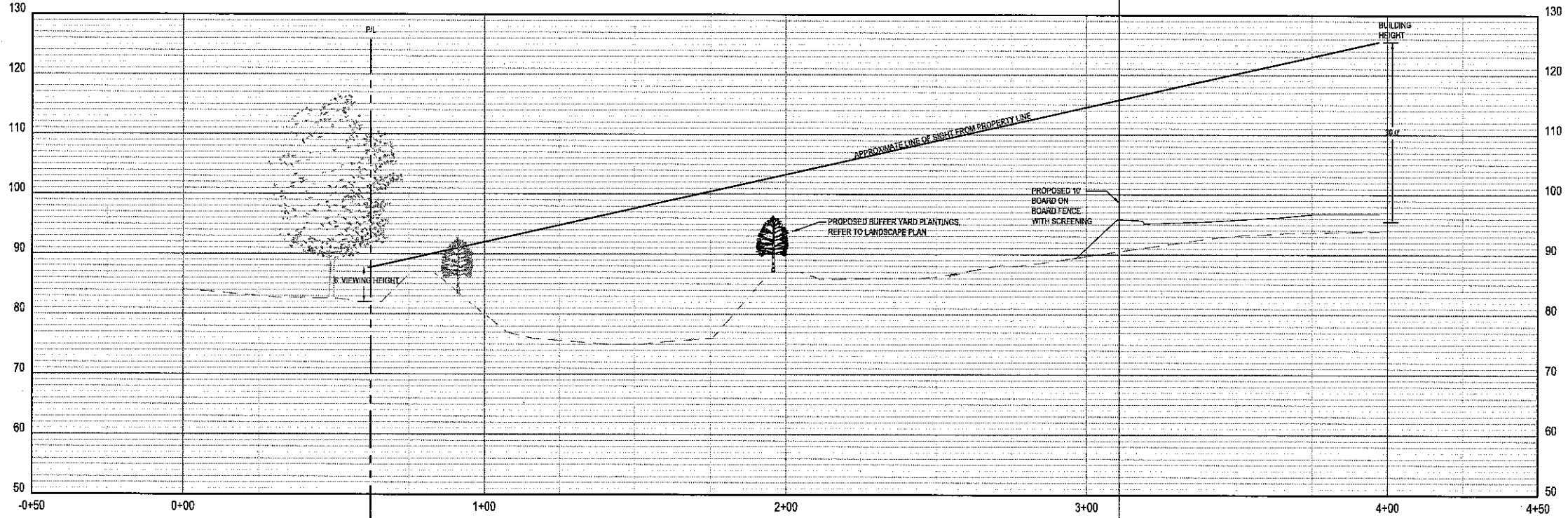
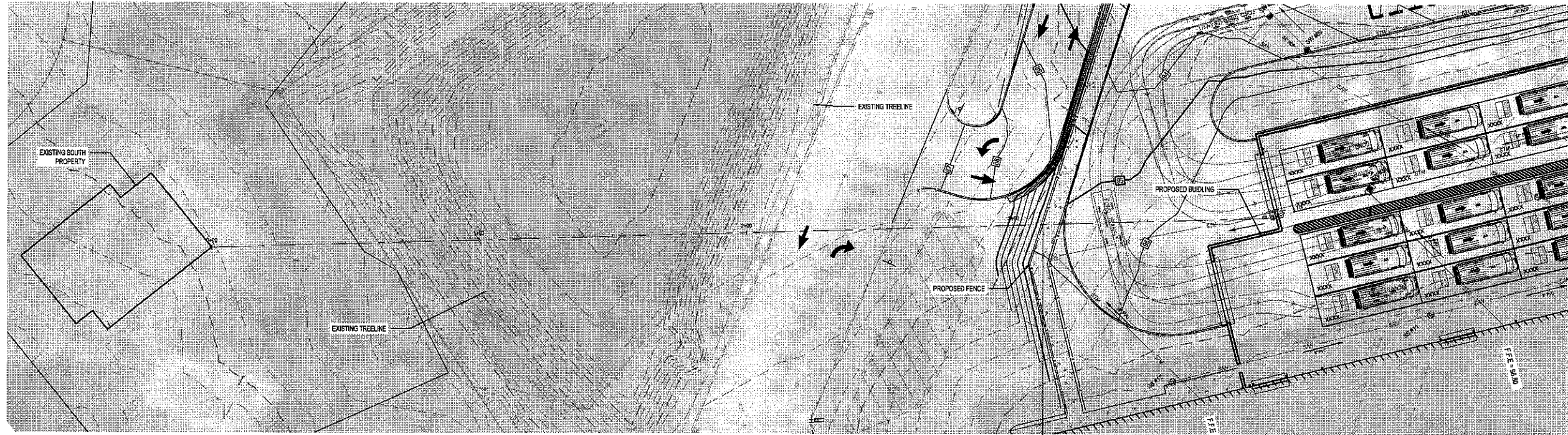
ISSUE FOR PERMIT DATE:	08/04/20
JOB NO.:	757184
SCALE:	1" = 60'
DESIGN:	T. LEJA
DRAWN:	T. LEJA
CHECKED:	J. KOCINSKI

LINE OF SIGHT - NORTH PROPERTY

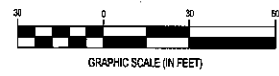
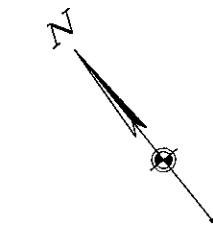
SHEET NO. C10.1

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200 & 400 CRTIAN DRIVE BLAUVELT, NY 10913



SOUTH PROPERTY PROFILE
 SCALE: 1" = 20' HORIZ.; 1" = 10' VERT.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: NEW YORK 811 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF NEW YORK 811 CALL.

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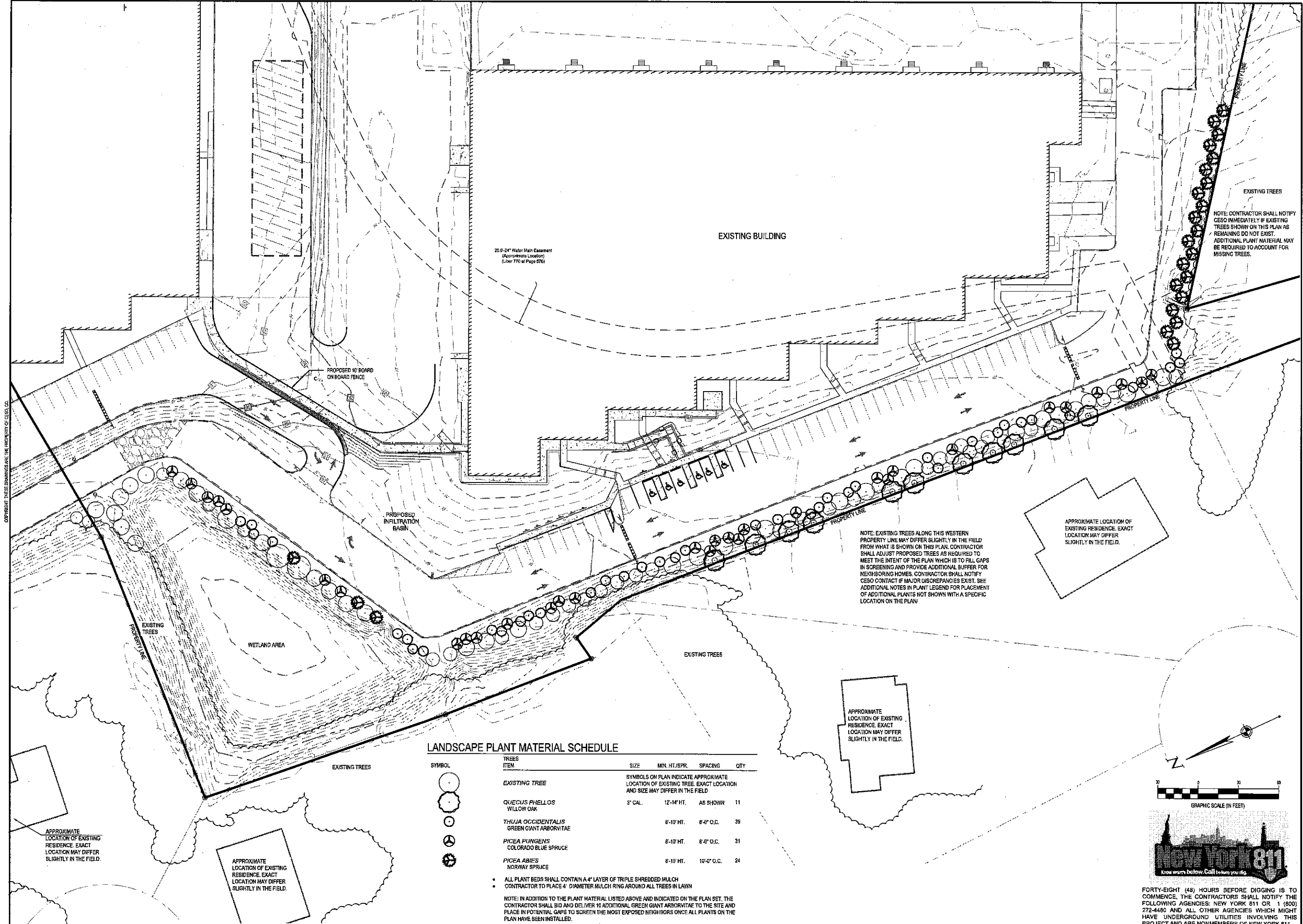
NO.	DATE	REVISION DESCRIPTION
0		FOR PERMIT
1		SUPPLEMENTAL PLAN SHEETS FOR PLANNING BOARD COMMENTS
2		SUPPLEMENTAL PLAN SHEETS FOR ANNUAL BOARD COMMENTS
3		REVISED FOR COMMENTS

DELIVERY STATION

ISSUE:	FOR PERMIT
DATE:	08/04/20
JOB NO.:	757184
SCALE:	1" = 80'
DESIGN:	T. LEJA
DRAWN:	T. LEJA
CHECKED:	J. KOCINSKI
DRAWING TITLE	

LINE OF SIGHT - SOUTH PROPERTY

SHEET NO.
 C10.2



EXISTING BUILDING

20.0'x24' Water Main Easement
(Approximate Location)
(Liber 770 of Page 276)

PROPOSED 4' BOARD
ON BOARD FENCE

PROPOSED
INFILTRATION
BASIN

EXISTING TREES
NOTE: CONTRACTOR SHALL NOTIFY
CESO IMMEDIATELY IF EXISTING
TREES SHOWN ON THIS PLAN AS
REMAINING DO NOT EXIST.
ADDITIONAL PLANT MATERIAL MAY
BE REQUIRED TO ACCOUNT FOR
MISSING TREES.

NOTE: EXISTING TREES ALONG THIS WESTERN
PROPERTY LINE MAY DIFFER SLIGHTLY IN THE FIELD
FROM WHAT IS SHOWN ON THIS PLAN. CONTRACTOR
SHALL ADJUST PROPOSED TREES AS REQUIRED TO
MEET THE INTENT OF THE PLAN WHICH IS TO FILL GAPS
IN SCREENING AND PROVIDE ADDITIONAL BUFFER FOR
NEIGHBORING HOMES. CONTRACTOR SHALL NOTIFY
CESO CONTACT IF MAJOR DISCREPANCIES EXIST. SEE
ADDITIONAL NOTES IN PLANT LEGEND FOR PLACEMENT
OF ADDITIONAL PLANTS NOT SHOWN WITH A SPECIFIC
LOCATION ON THE PLAN.

APPROXIMATE LOCATION OF
EXISTING RESIDENCE. EXACT
LOCATION MAY DIFFER
SLIGHTLY IN THE FIELD.

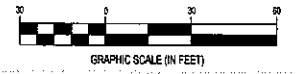
APPROXIMATE
LOCATION OF EXISTING
RESIDENCE. EXACT
LOCATION MAY DIFFER
SLIGHTLY IN THE FIELD.

LANDSCAPE PLANT MATERIAL SCHEDULE

SYMBOL	TREES ITEM	SIZE	MIN. HT./SPR.	SPACING	QTY
	EXISTING TREE				
	QUECUS PHELLOS WILLOW OAK	5" CAL.	12'-14' HT.	AS SHOWN	11
	THUJA OCCIDENTALIS GREEN GIANT ARBORVITAE		8'-10' HT.	8'-0" O.C.	39
	PICEA PLUNGENS COLORADO BLUE SPRUCE		8'-10' HT.	8'-0" O.C.	31
	PICEA ABIES NORWAY SPRUCE		8'-10' HT.	10'-0" O.C.	24

• ALL PLANT BEDS SHALL CONTAIN A 4" LAYER OF TRIPLE SHREDDED MULCH
• CONTRACTOR TO PLACE 4" DIAMETER MULCH RING AROUND ALL TREES IN LAWN

NOTE: IN ADDITION TO THE PLANT MATERIAL LISTED ABOVE AND INDICATED ON THE PLAN SET, THE
CONTRACTOR SHALL BID AND DELIVER 10 ADDITIONAL GREEN GIANT ARBORVITAE TO THE SITE AND
PLACE IN POTENTIAL GAPS TO SCREEN THE MOST EXPOSED NEIGHBORS ONCE ALL PLANTS ON THE
PLAN HAVE BEEN INSTALLED.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO
COMMENCE, THE CONTRACTORS SHALL NOTIFY THE
FOLLOWING AGENCIES: NEW YORK 811 OR 1 (800)
272-4480 AND ALL OTHER AGENCIES WHICH MIGHT
HAVE UNDERGROUND UTILITIES INVOLVING THIS
PROJECT AND ARE NONMEMBERS OF NEW YORK 811.

NO. DATE REVISION DESCRIPTION	
1	08/07/2020
2	
3	
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ISSUE: FOR PERMIT	
DATE: 08/04/20	
JOB NO.:	757184
SCALE:	1" = 30'
DESIGN:	ADH
DRAWN:	MSD
CHECKED:	ADH
DRAWING TITLE	
LANDSCAPE PLAN	
SHEET NO.	
L1.0	

DELIVERY STATION

[Signature]

08/07/2020

ISSUE:
FOR PERMIT
DATE:
08/04/20

JOB NO.: 757184
SCALE: 1" = 30'
DESIGN: ADH
DRAWN: MSD
CHECKED: ADH

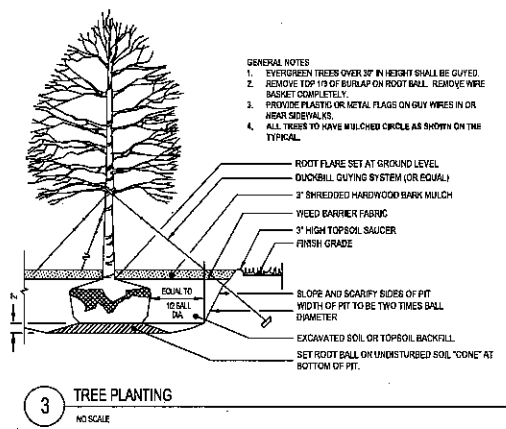
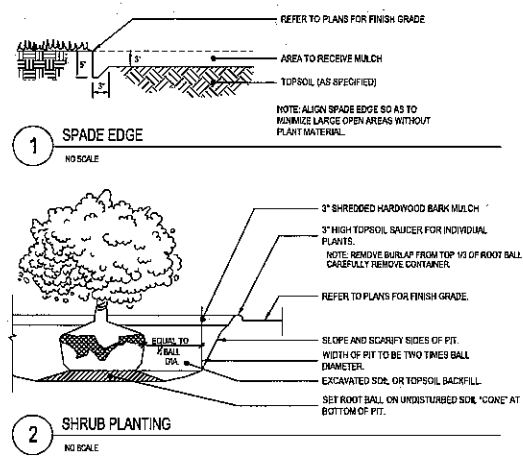
DRAWING TITLE

LANDSCAPE PLAN

SHEET NO.
L1.0

GENERAL NOTES: LANDSCAPE PLAN

- CONTRACTOR TO VERIFY WITH OWNER AND UTILITY COMPANIES THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. TO DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY LOCATE SERVICE 72 HOURS PRIOR TO CONSTRUCTION.
- SITE CONDITIONS BASED UPON SURVEY PROVIDED BY OWNER. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION.
- REFER TO SITE CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS AND COORDINATE WORK WITH OTHER SITE RELATED DEVELOPMENT DRAWINGS AS NEEDED.
- REESTABLISH EXISTING TURF IN AREAS DISTURBED BY GRADING OR UTILITY TRENCHING IN THE RIGHT-OF-WAY.
- CONTRACTOR SHALL EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
- CONTRACTOR TO REPORT ALL DAMAGES TO EXISTING CONDITIONS AND INCONSISTENCIES WITH PLANS TO LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN ALL LANDSCAPE BEDS AND ALL LAWN AREAS.
- CONTRACTOR TO FINE GRADE AND ROCK-HOUND ALL TURF AREAS PRIOR TO SEEDING. TO PROVIDE A SMOOTH AND CONTINUOUS SURFACE, FREE OF IRREGULARITIES (BUMPS OR DEPRESSIONS) & EXTRANEIOUS MATERIAL OR DEBRIS.
- REMOVE EXISTING WEEDS FROM PROJECT SITE PRIOR TO THE ADDITION OF ORGANIC AMENDMENTS AND FERTILIZER. APPLY AMENDMENTS AND FERTILIZER AS NEEDED.
- QUANTITIES SHOWN ARE INTENDED TO ASSIST CONTRACTOR IN EVALUATING THEIR OWN TAKE OFFS AND ARE NOT GUARANTEED AS ACCURATE REPRESENTATIONS OF REQUIRED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS BID QUANTITIES AS REQUIRED BY THE PLANS AND SPECIFICATIONS. IF THERE IS A DISCREPANCY BETWEEN THE NUMBER LABELED ON THE PLANT LEGEND AND THE QUANTITY OF GRAPHIC SYMBOLS SHOWN, THE GREATER QUANTITY SHALL GOVERN.
- COORDINATE LANDSCAPE INSTALLATION WITH INSTALLATION OF UNDERGROUND SPRINKLER AND DRAINAGE SYSTEMS.
- ALL SIZES AND QUALITY OF PLANT MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z66.1-2014). THE LANDSCAPE CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN SIZE AS INDICATED IN THE PLANT SCHEDULE UNLESS OTHERWISE SPECIFIED ON THE PLAN SET. ALL PLANTS THAT DO NOT MEET THE SIZE AND SPECIFICATIONS SET FORTH BY THE AMERICAN STANDARD FOR NURSERY STOCK WILL BE REJECTED BY LANDSCAPE ARCHITECT AT NO COST TO OWNER.
- ONCE PROJECT IS AWARDED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE ALL PLANT MATERIAL IN THE SIZE SPECIFIED ON PLAN PRIOR TO INSTALLATION. IN THE EVENT THE PLANT MATERIAL IS NOT AVAILABLE IN THE SIZE SPECIFIED, THE CONTRACTOR SHALL INSTALL LARGER AT NO COST TO OWNER.
- THE LANDSCAPE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR ALL PLANT MATERIAL SUBSTITUTIONS FROM THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. PLANT SUBSTITUTIONS WITHOUT PRIOR WRITTEN APPROVAL THAT DO NOT COMPLY WITH THE DRAWINGS AND SPECIFICATIONS MAY BE REJECTED BY THE LANDSCAPE ARCHITECT AND REPLACED BY CONTRACTOR AT NO COST TO THE OWNER.
- PRIOR TO MOBILIZATION THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT, IN WRITING, IF HE/SHE BELIEVES ANY OF THE PLANT MATERIAL IDENTIFIED ON THE PLAN MAY NOT BE SUITABLE FOR THE SITE OR MAY DIE. SUBSTITUTION REQUESTS WILL BE GRANTED BY THE LANDSCAPE ARCHITECT PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. IF NOTIFICATION IS NOT GIVEN TO THE LANDSCAPE ARCHITECT ALL PLANTING WHICH FAILS TO GROW (EXCEPT FOR DEFECTS RESULTING FROM LACK OF ADEQUATE MAINTENANCE AS DETERMINED BY THE OWNER, NEGLIGENCE OR VANDALISM) SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- WHERE PROPOSED TREE LOCATIONS OCCUR UNDER EXISTING OVERHEAD UTILITIES OR CROWD EXISTING TREES, NOTIFY LANDSCAPE ARCHITECT TO ADJUST TREE LOCATIONS.
- ALL PLANT MASSES TO BE TOP DRESSED WITH MULCH AS SPECIFIED IN PLANT SCHEDULE, SPREAD UNIFORMLY IN DEPTH OVER THE PLANTING BEDS AS DELINEATED ON THE PLANS UNLESS OTHERWISE NOTED.
- BED EDGE TO BE NO LESS THAN 12" AND NO MORE THAN 18" FROM OUTER EDGE OF PLANT MATERIAL BRANCHING, WHERE GROUND-COVER OCCURS, PLANT TO LIMITS OF AREA AS SHOWN.
- ALL PLANTS SHALL BE GUARANTEED FOR 1 YEAR AFTER SUBSTANTIAL COMPLETION OCCURS AND FINAL ACCEPTANCE BY OWNER.
- LANDSCAPE MAINTENANCE PERIOD BEGINS IMMEDIATELY AFTER THE COMPLETION OF ALL PLANTING OPERATIONS AND WRITTEN ACCEPTANCE FROM FROM THE OWNER AND LANDSCAPE ARCHITECT. MAINTAIN TREES, SHRUBS, LAWNS AND OTHER PLANTS AS PER THE SPECIFICATIONS. LANDSCAPE MAINTENANCE IS THE LANDSCAPING CONTRACTOR'S RESPONSIBILITY UNTIL FINAL ACCEPTANCE BY THE OWNER.
- ALL LANDSCAPE MAINTENANCE SHALL BE IN ACCORDANCE WITH LOCAL GOVERNING STANDARDS
- REFER TO PROJECT MANUAL OR WRITTEN SPECIFICATIONS, IF AVAILABLE, FOR ADDITIONAL REQUIREMENTS.
- ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
- ALL TREES MUST BE GUYED OR STAKED.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.



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NO.	DATE	REVISION DESCRIPTION
0	08/07/20	FOR PERMIT
1	08/04/20	SUPPLEMENTAL PLAN SHEETS PER PLANNING BOARD COMMENTS
2	08/04/20	SUPPLEMENTAL PLAN SHEETS PER PLANNING BOARD COMMENTS
3		REVISED PER TURNING COMMENTS

DELIVERY STATION

200 & 400 ORTANI DRIVE, BLAUVELT, NY 10813

[Signature]

ISSUE FOR PERMIT DATE: 08/04/20
JOB NO.: 757184
SCALE: AS SHOWN
DESIGN: T. LEJA
DRAWN: S. BAILEY
CHECKED: J. KOONSKI

LANDSCAPE DETAILS AND NOTES

SHEET NO. L2.0