

Office & Warehouse Buildings

9074 Main Street
Clarence, New York

SITE DEVELOPMENT DRAWINGS

AGENCIES

ENGINEERING DEPARTMENT

NAME/TITLE: TIMOTHY LAVOCAT P.E., TOWN ENGINEER
COMPANY/DEPT: TOWN OF CLARENCE ENGINEERING DEPARTMENT
ADDRESS: 6221 GOODRICH ROAD
CLARENCE CENTER, NEW YORK 14032

TELEPHONE 716-741-8952

PLANNING & ZONING DEPARTMENT

NAME/TITLE: JAMES B. CALLAHAN, PLANNING DIRECTOR
COMPANY/DEPT: TOWN OF CLARENCE PLANNING DEPARTMENT
ADDRESS: ONE TOWN PLACE
CLARENCE, NEW YORK 14031

TELEPHONE 716-741-8933

LAND SURVEYOR

NAME/TITLE: WM SCHUTT ASSOCIATES
COMPANY/DEPT: 37 CENTRAL AVENUE
ADDRESS: LANCASTER, NEW YORK 14086

TELEPHONE 716-683-5961

UTILITIES

NATURAL GAS

COMPANY/DEPT.: NATIONAL FUEL GAS CORP.
ADDRESS: 6363 MAIN STREET
WILLIAMSVILLE, NEW YORK 14221

TELEPHONE 716-857-7000

TELEPHONE COMPANY

COMPANY/DEPT: VERIZON
ADDRESS: 65 FRANKLIN STREET
BUFFALO, NEW YORK 14203

TELEPHONE 716-840-8748

CABLE COMPANY

COMPANY/DEPT: TIME WARNER
ADDRESS: 789 CHURCH ROAD
WEST SENECA, NEW YORK

TELEPHONE 716-558-8615

ELECTRIC COMPANY

COMPANY/DEPT: NATIONAL GRID
ADDRESS: 144 KENSINGTON AVENUE
BUFFALO, NEW YORK 14214

TELEPHONE 716-236-2738

WATER

COMPANY/DEPT.: ERIE COUNTY WATER AUTHORITY
ADDRESS: 3030 UNION ROAD
CHEEKTOWAGA, NEW YORK 14227

TELEPHONE 716-684-1510

DIG SAFELY NEW YORK

TELEPHONE 1-800-962-7962

OWNER/DEVELOPER

NAME: CORTESE CONSTRUCTION SERVICES CORP.
ADDRESS: 2300 GEORGE URBAN BLVD.
DEPEW, NEW YORK 14043

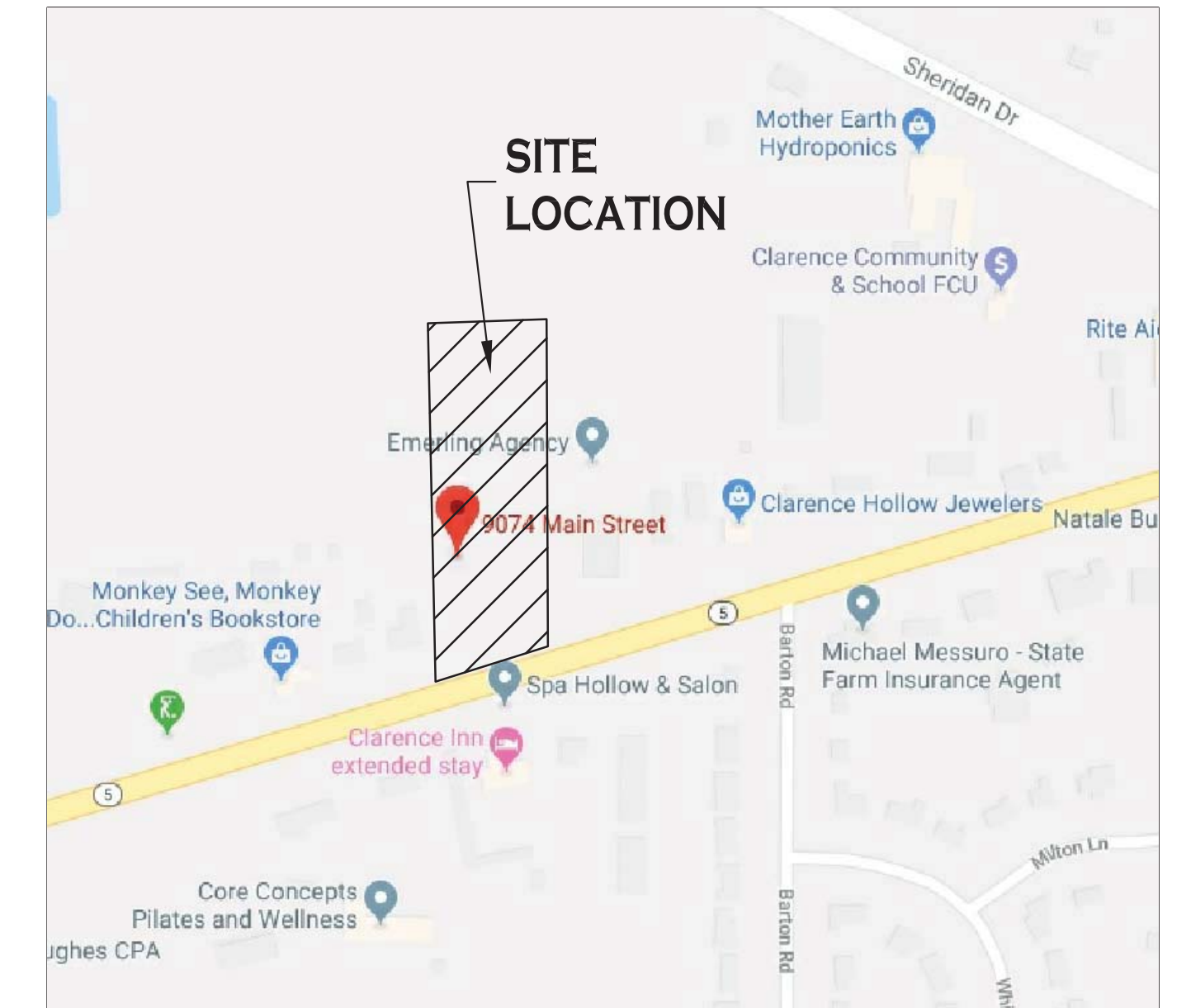
CONTACT: DOMENIC CORTESE
TELEPHONE 716-683-2100

ENGINEER



Carmina • Wood • Morris ^{DPC}

487 Main Street Suite 600
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



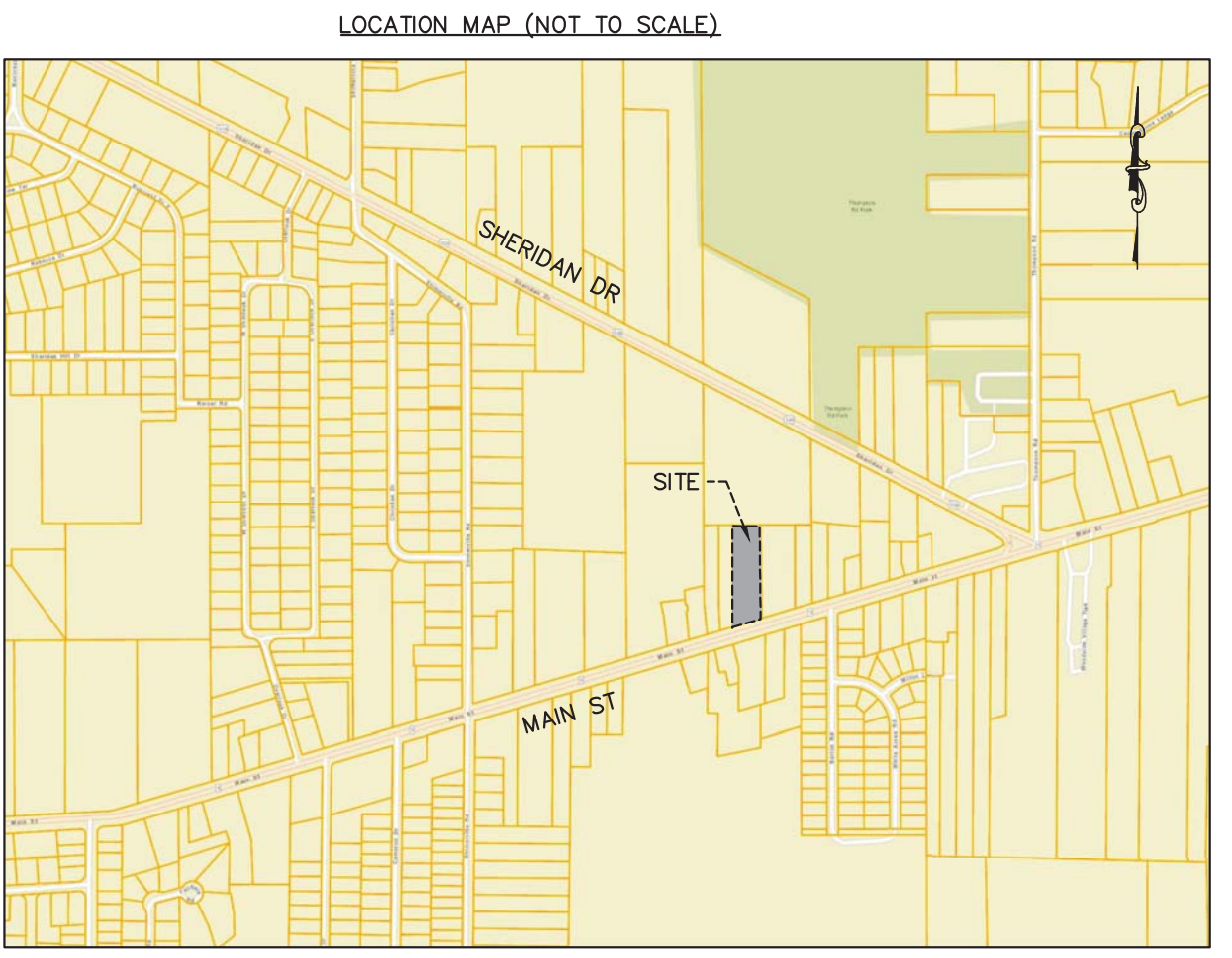
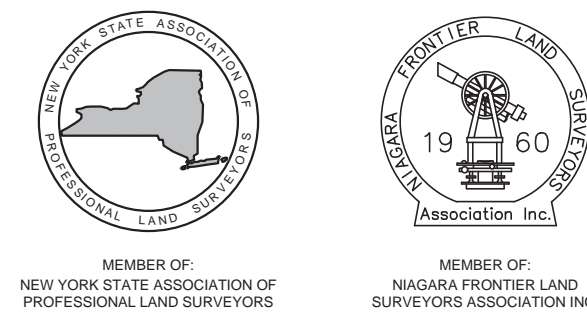
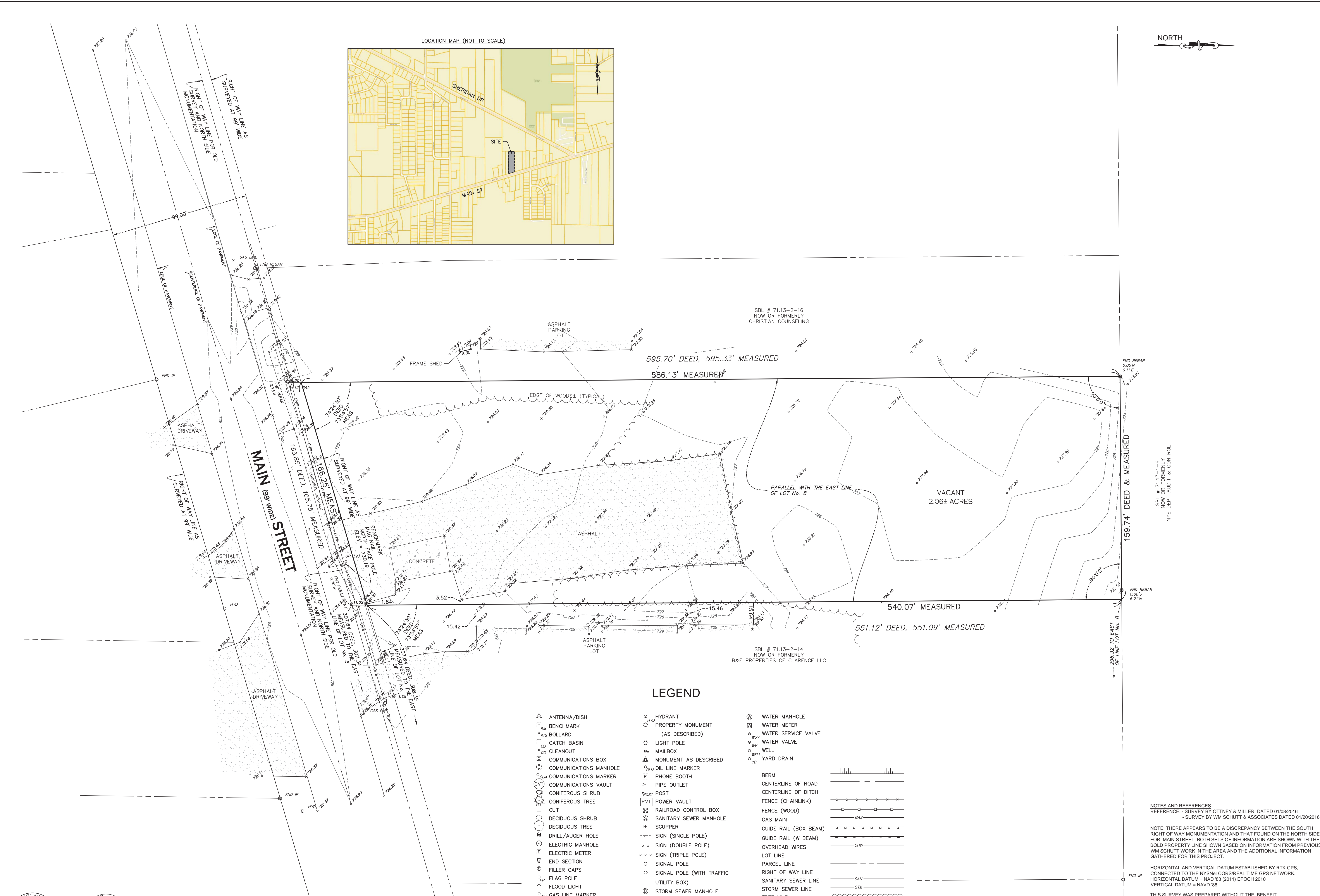
LOCATION MAP

DWG NO.	DRAWING TITLE
-	COVER SHEET
-	SURVEY & TOPOGRAPHIC MAP
C-001	DEMOLITION & EROSION CONTROL PLAN
C-002	DEMOLITION & EROSION CONTROL DETAILS
C-100	SITE PLAN
C-101	SITE DETAILS
C-200	GRADING PLAN
C-300	STORM DRAINAGE PLAN
C-301	STORM DRAINAGE DETAILS
C-400	UTILITY PLAN
C-401	UTILITY DETAILS
C-402	UTILITY DETAILS
L-100	LANDSCAPING PLAN
LP-100	LIGHTING PLAN
M-100	MAINTENANCE & PROTECTION OF TRAFFIC PLAN

AUGUST 2019

Office & Warehouse Buildings

9074 Main Street
Clarence, New York
SITE DEVELOPMENT DRAWINGS



LEGEND

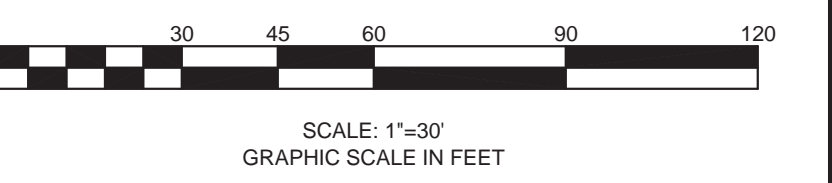
- | | | | |
|--|---|--|---|
| <ul style="list-style-type: none"> ▲ ANTENNA/DISH ■ BENCHMARK • BOLLARD □ CATCH BASIN ○ CLEANOUT ☐ COMMUNICATIONS BOX ○ COMMUNICATIONS MANHOLE ○ COMMUNICATIONS MARKER ○ COMMUNICATIONS VAULT ○ CONIFEROUS SHRUB ○ CONIFEROUS TREE ○ CUT ○ DECIDUOUS SHRUB ○ DECIDUOUS TREE ○ DRILL/AUGER HOLE ○ ELECTRIC MANHOLE ○ ELECTRIC METER ○ END SECTION ○ FILLER CAPS ○ FLAG POLE ○ FLOOD LIGHT ○ GAS LINE MARKER ○ GAS MANHOLE ○ GAS METER ○ GAS SERVICE VALVE ○ GAS VALVE ○ GUY WIRE ○ HANDICAP PARKING | <ul style="list-style-type: none"> ○ HYDRANT ○ PROPERTY MONUMENT (AS DESCRIBED) ○ LIGHT POLE ○ MAILBOX ○ MONUMENT AS DESCRIBED ○ OIL LINE MARKER ○ PHONE BOOTH ○ PIPE OUTLET ○ POST ○ POWER VAULT ○ RAILROAD CONTROL BOX ○ SANITARY SEWER MANHOLE ○ SCUPPER ○ SIGN (SINGLE POLE) ○ SIGN (DOUBLE POLE) ○ SIGN (TRIPLE POLE) ○ SIGNAL POLE ○ SIGNAL POLE (WITH TRAFFIC UTILITY BOX) ○ STORM SEWER MANHOLE ○ TRAFFIC CONTROL BOX ○ TRAFFIC PULLBOX ○ UNKNOWN MANHOLE ○ UTILITY BOX ○ UTILITY POLE ○ UTILITY POLE WITH LIGHT | <ul style="list-style-type: none"> ○ WATER MANHOLE ○ WATER METER ○ WATER SERVICE VALVE ○ WATER VALVE ○ WELL ○ WELL ○ YARD DRAIN | <ul style="list-style-type: none"> BERM CENTERLINE OF ROAD CENTERLINE OF DITCH FENCE (CHAINLINK) FENCE (WOOD) GAS MAIN GUIDE RAIL (BOX BEAM) GUIDE RAIL (W BEAM) OVERHEAD WIRES LOT LINE PARCEL LINE RIGHT OF WAY LINE SANITARY SEWER LINE STORM SEWER LINE TREE LINE UNDERGROUND CONDUIT UNDERGROUND ELECTRIC WATER MAIN |
|--|---|--|---|

NOTES AND REFERENCES
 REFERENCE: - SURVEY BY OTTNEY & MILLER, DATED 01/08/2016
 - SURVEY BY WM SCHUTT & ASSOCIATES DATED 01/20/2016

NOTE: THERE APPEARS TO BE A DISCREPANCY BETWEEN THE SOUTH RIGHT OF WAY MONUMENTATION AND THAT FOUND ON THE NORTH SIDE FOR MAIN STREET. BOTH SETS OF INFORMATION ARE SHOWN WITH THE BOLD PROPERTY LINE SHOWN BASED ON INFORMATION FROM PREVIOUS WM SCHUTT WORK IN THE AREA AND THE ADDITIONAL INFORMATION GATHERED FOR THIS PROJECT.

HORIZONTAL AND VERTICAL DATUM ESTABLISHED BY RTK GPS, CONNECTED TO THE NYSNAD CORS/REAL TIME GPS NETWORK. HORIZONTAL DATUM = NAD 83 (2011) EPOCH 2010. VERTICAL DATUM = NAVD 88

THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH.

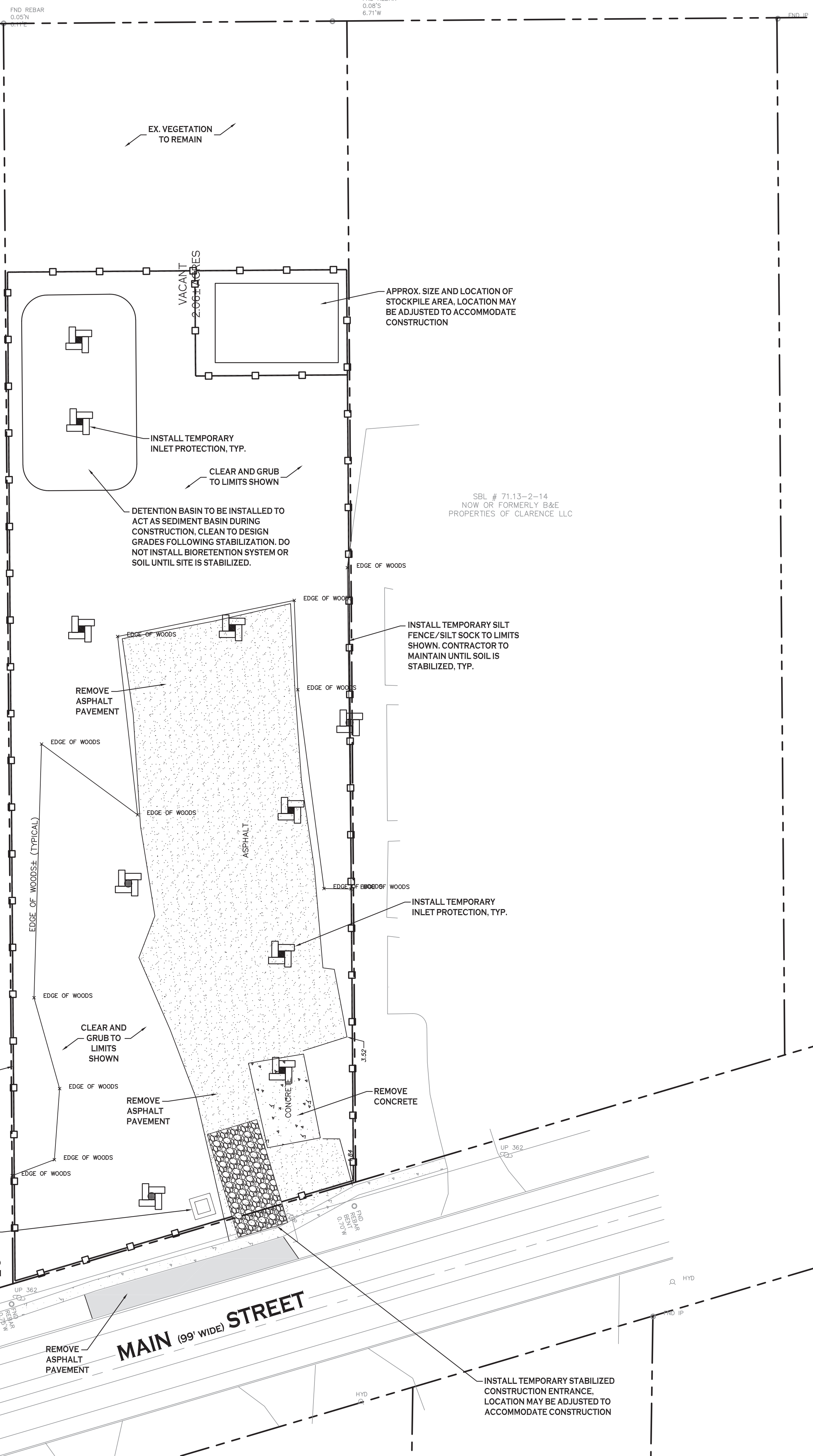


<p>TOWN OF CLARENCE COUNTY OF ERIE, STATE OF NEW YORK PART OF LOT 8, SECTION 9, TOWNSHIP 12, RANGE 6 HOLLAND LAND COMPANY'S SURVEY</p>	<p>9074 MAIN STREET BOUNDARY & TOPOGRAPHIC SURVEY</p>	<p>WM SCHUTT ASSOCIATES 37 CENTRAL AVE. LANCASTER, NY 14086-2143 PH: 716-683-5961 FAX 716-683-0169 WWW.WMSCHUTT.COM</p>	<p>DESIGNED BY: AJK/DJR DRAWN BY: DJR CHECKED BY: DJR DATE: FEBRUARY 7, 2019</p> <p>WARNING: THIS DOCUMENT IS IN VIOLATION OF SECTION 7205, PART 2 OF THE NEW YORK STATE EDUCATION LAW. © COPYRIGHT 2016 WM. SCHUTT & ASSOCIATES P.C.</p>												
<p>DRAWING REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DATE	DESCRIPTION										<p>ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY DRAWING ARE VALID. ANY OTHER COPIES, REPRODUCTIONS, OR ALTERATIONS OF THIS SURVEY DRAWING ARE CONSIDERED TO BE INVALID.</p>	
ITEM	DATE	DESCRIPTION													

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NYS DEPT AUDIT & CONTROL NOW OR FORMERLY SBL # 71.13-1-6



DEMOLITION NOTES:

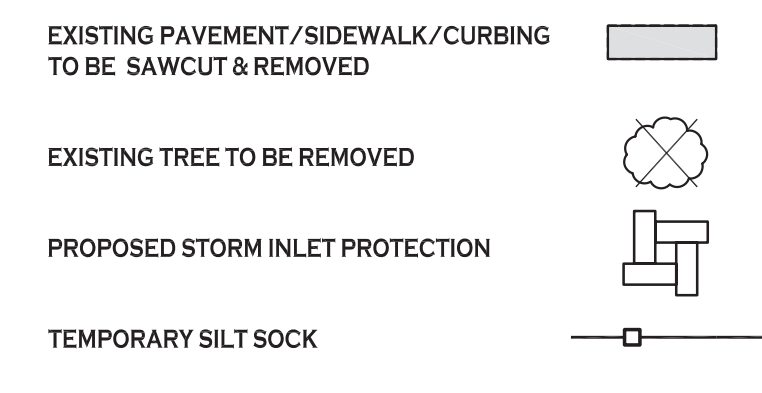
- CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THOSE ITEMS TO REMAIN, SUCH AS TREES, PROPERTY CORNER PINS, UTILITY POLES, VALVES, HYDRANTS, CURBS, MANHOLES OR CATCH BASINS.
- TEMPORARY SILT FENCE/SILT SOCK TO BE INSTALLED AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE. MAINTAIN UNTIL VEGETATION IS ESTABLISHED AND PAVEMENT IS INSTALLED.
- CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE WHERE ACCESSING THE SITE FROM PAVED ROADWAYS. STORM DRAINAGE INLETS THAT INTERFERE WITH CONSTRUCTION ENTRANCE TO BE PROTECTED WITH SILT SACK AND OTHER PROPER TEMPORARY INLET PROTECTION MEASURES.
- AS NECESSARY, CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH NYS M.U.T.C.D. STANDARDS PRIOR TO STARTING WORK.
- AS NECESSARY, COVERED DUMPSTERS SHALL BE PROVIDED ONSITE AS REQUIRED FOR CONSTRUCTION WASTE.

EROSION CONTROL NOTES

THE FOLLOWING EROSION CONTROL PROCEDURES SHALL BE ADHERED TO BY THE CONTRACTOR:

- INSTALL TEMPORARY SILT FENCE/SILT SOCK BARRIERS AS DIRECTED BY THE OWNER AND AT ALL EXISTING STORMWATER CATCH BASINS WITHIN THE WORK AREA TO PREVENT SEDIMENT MIGRATION. ALL SILT FENCE/SILT SOCK BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR RE-USE AS DIRECTED BY THE OWNER. ALL LOCAL ORDINANCES REGARDING THE SALE OF TOPSOIL MUST BE FOLLOWED. TOPSOIL MAY NOT BE REMOVED WITHOUT A PERMIT.
- ALL SILT FENCE/SILT SOCK BARRIERS SHALL BE REPLACED WHEREVER THEY BECOME CLOGGED OR INOPERABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS.
- THE CONTRACTOR MUST CONTROL DUST DURING CONSTRUCTION. DURING EARTHWORK OPERATIONS, WATER-SPREADING EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR, AND SPREAD WATER AS NECESSARY AND AS DIRECTED BY THE OWNER IN ORDER TO CONTROL DUST.
- DIRT OR DEBRIS LEFT ON LOCAL PUBLIC ROADS AS A RESULT OF THIS CONSTRUCTION PROJECT SHALL BE REMOVED AND ROAD SURFACES CLEANED BY THE CONTRACTOR ON A DAILY BASIS.
- ALL DISTURBED AREAS (EXCEPT AREAS TO BE PAVED OR BUILT UPON) SHALL BE TOPSOILED TO A MINIMUM 4" DEPTH AND SEEDED IMMEDIATELY AFTER FINE GRADING TAKES PLACE AND AS SOON AS PHYSICALLY POSSIBLE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF DOWNSTREAM STORM SEWERS, DITCHES, AND CULVERTS. SILT BUILDUP FOUND TO BE A RESULT OF THIS SITE CONSTRUCTION WORK SHALL BE REMOVED FROM DOWNSTREAM CULVERTS BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER OR THE TOWN/CITY.
- ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AND MATERIALS SHALL BE IN PLACE PRIOR TO BEGINNING EARTHWORK OPERATIONS AND SHALL BE MAINTAINED UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION, AS DIRECTED BY THE ENGINEER.
- INSTALL TEMPORARY SILT FENCE AROUND THE BASE OF STOCKPILES.
- THE ENGINEER OF RECORD FOR THIS PROJECT CERTIFIES THAT THESE DESIGN PLANS MEET THE REQUIREMENTS AND ARE IN COMPLIANCE WITH THE NEW YORK STORMWATER MANAGEMENT DESIGN MANUAL AND NYSDEC PHASE II STORMWATER REGULATION REQUIREMENTS.

DEMOLITION & EROSION CONTROL LEGEND



NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



DEMOLITION & EROSION CONTROL PLAN
SCALE: 1"=30'



REVISIONS:	No.	Description	Date

PROJECT NAME:
New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

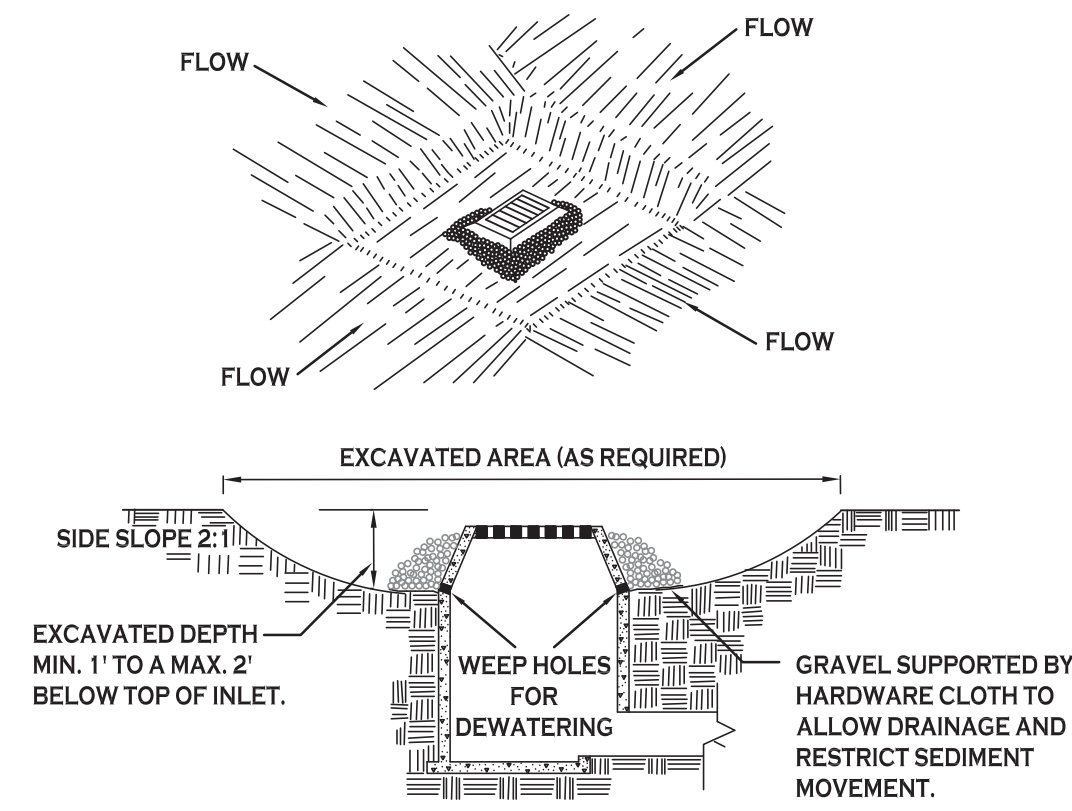
Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Demolition & Erosion Control Plan

DRAWING NO.:
C-001
Project no.: 19.004

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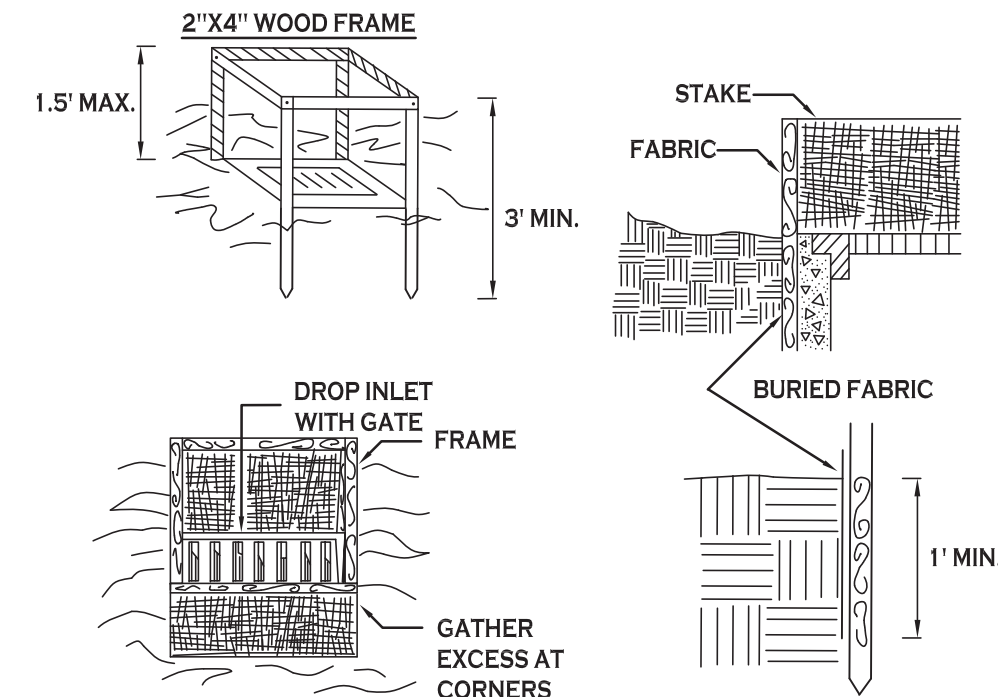


CONSTRUCTION SPECIFICATIONS

- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
- GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
- UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.

MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 1
NOT TO SCALE

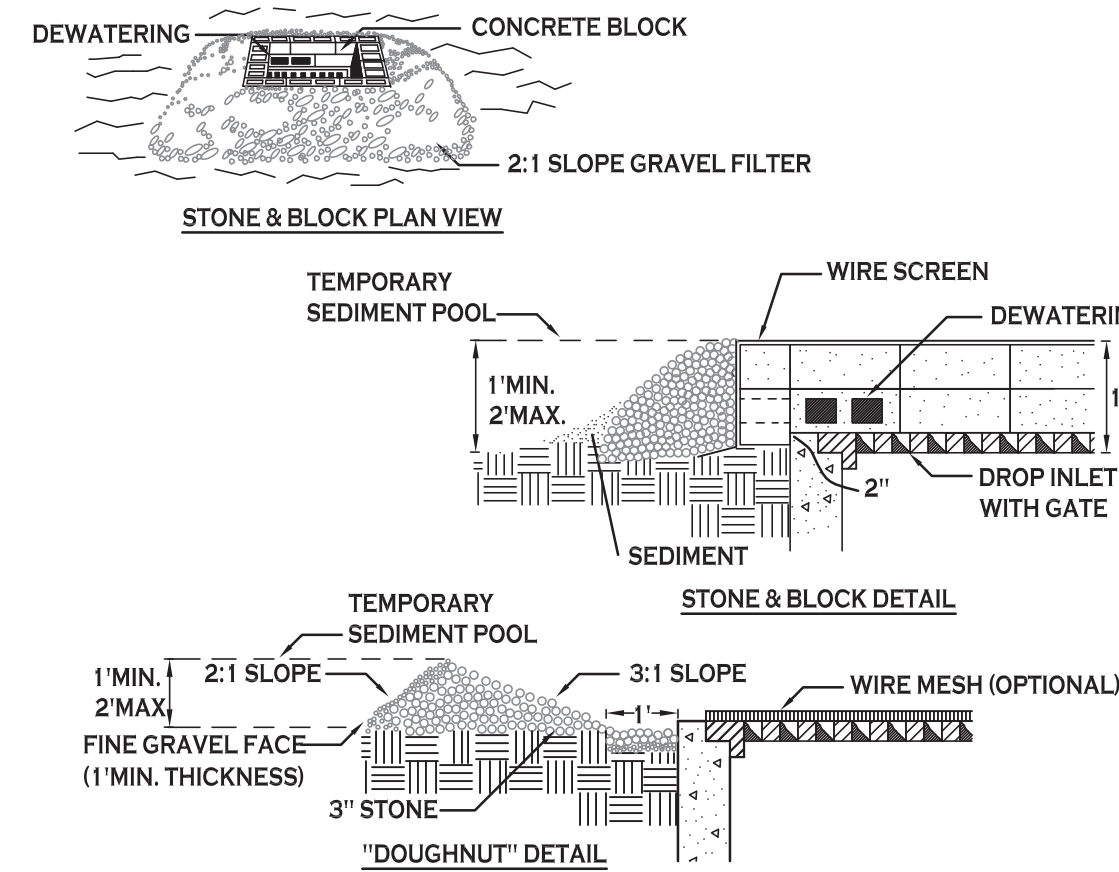


CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 2
NOT TO SCALE

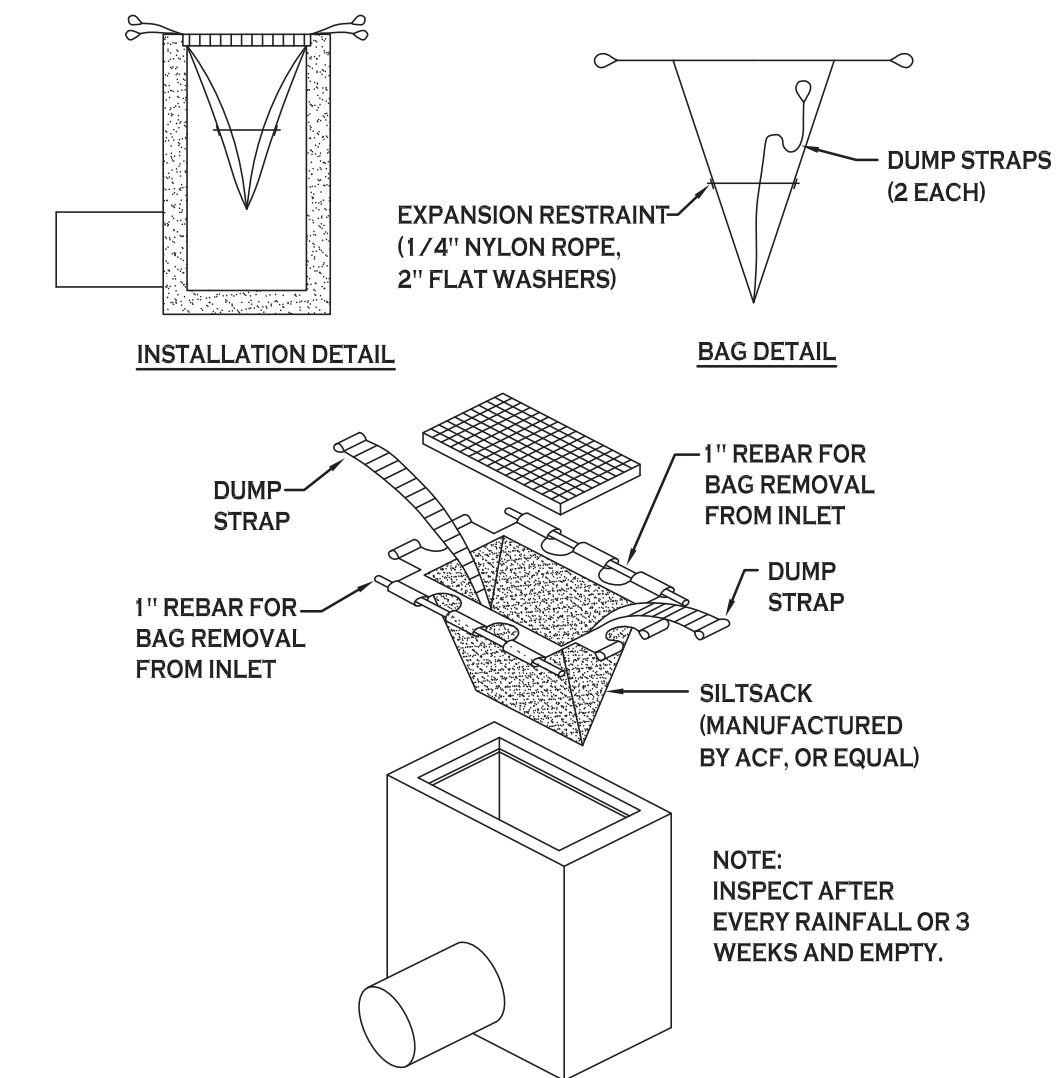


CONSTRUCTION SPECIFICATIONS

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
- USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
- FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

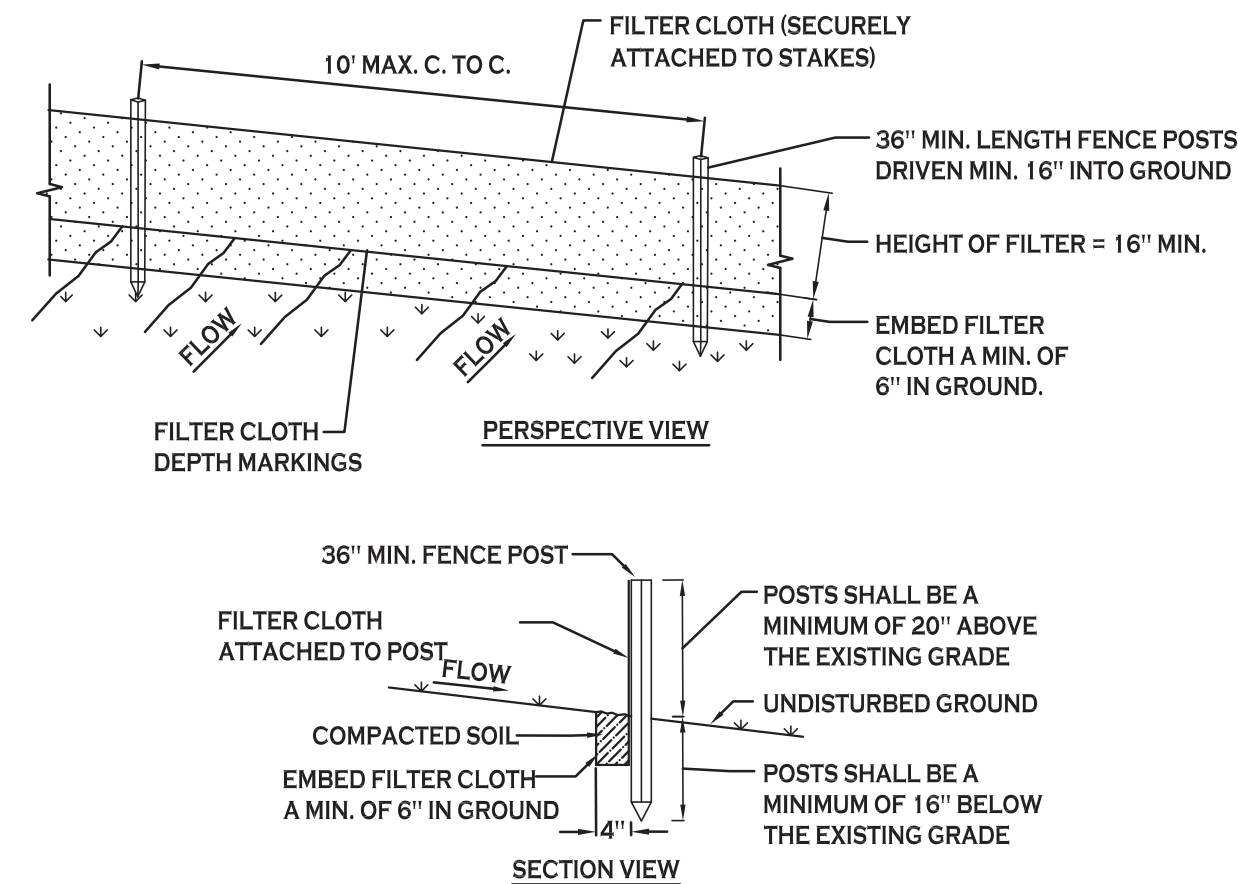
MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 3
NOT TO SCALE



SILT SACK DETAIL
NOT TO SCALE

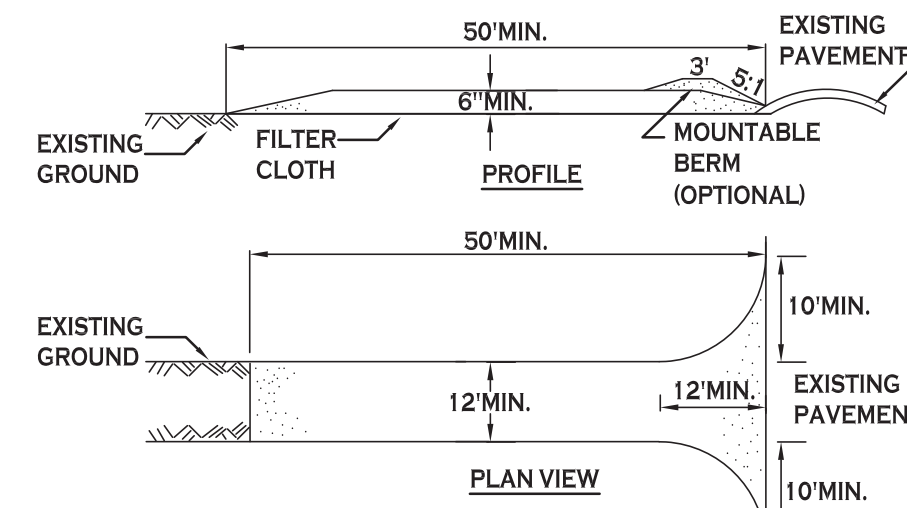
NOTE: INSTALL ONE OF THE INLET PROTECTION OPTIONS SHOWN PRIOR TO CONSTRUCTION



CONSTRUCTION SPECIFICATIONS

- WOVEN FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

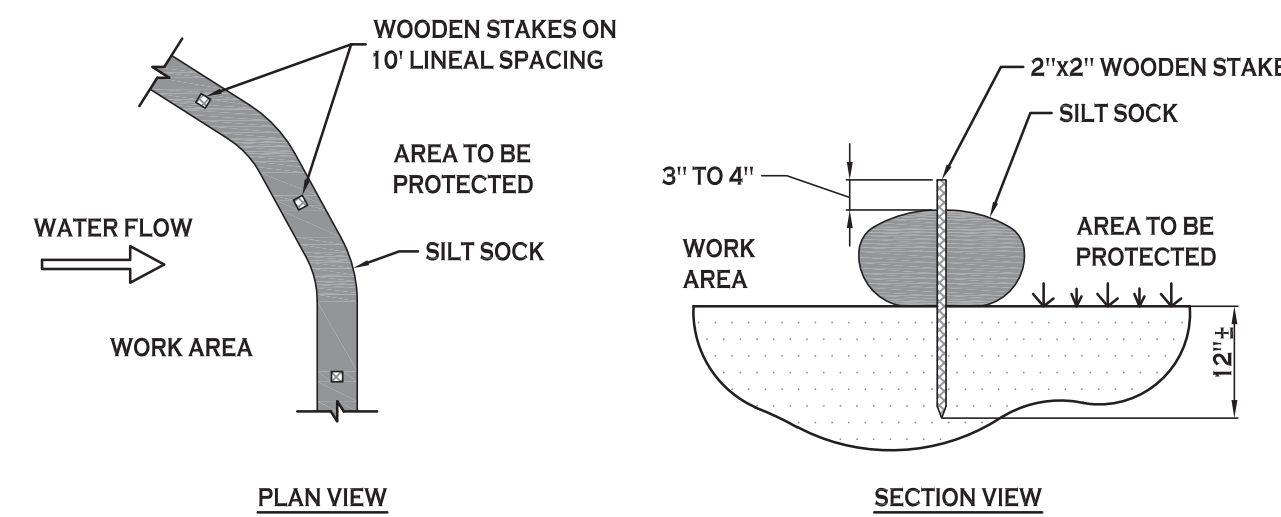
SILT FENCE DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



NOTES:

- CONTRACTOR SHALL INSPECT AND MAINTAIN SILT SOCK AS NEEDED DURING THE DURATION OF CONSTRUCTION PROJECT.
- CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED AT THE BASE OF THE SILT SOCK WHEN IT HAS REACHED 1/2 OF THE EXPOSED HEIGHT OF THE SILT SOCK. ALTERNATIVELY, RATHER THAN CREATE A SOIL DISTURBING ACTIVITY, THE ENGINEER MAY CALL FOR ADDITIONAL SILT SOCK TO BE ADDED AT AREAS OF HIGH SEDIMENTATION, PLACED IMMEDIATELY ON TOP OF THE EXISTING SEDIMENT LADEN SILT SOCK.

SILT SOCK DETAIL
NOT TO SCALE



Carmina Wood Morris DPC
487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS:	No.	Description	Date

PROJECT NAME:
**New Construction
Office & Warehouse Buildings**
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Demolition & Erosion Control Details

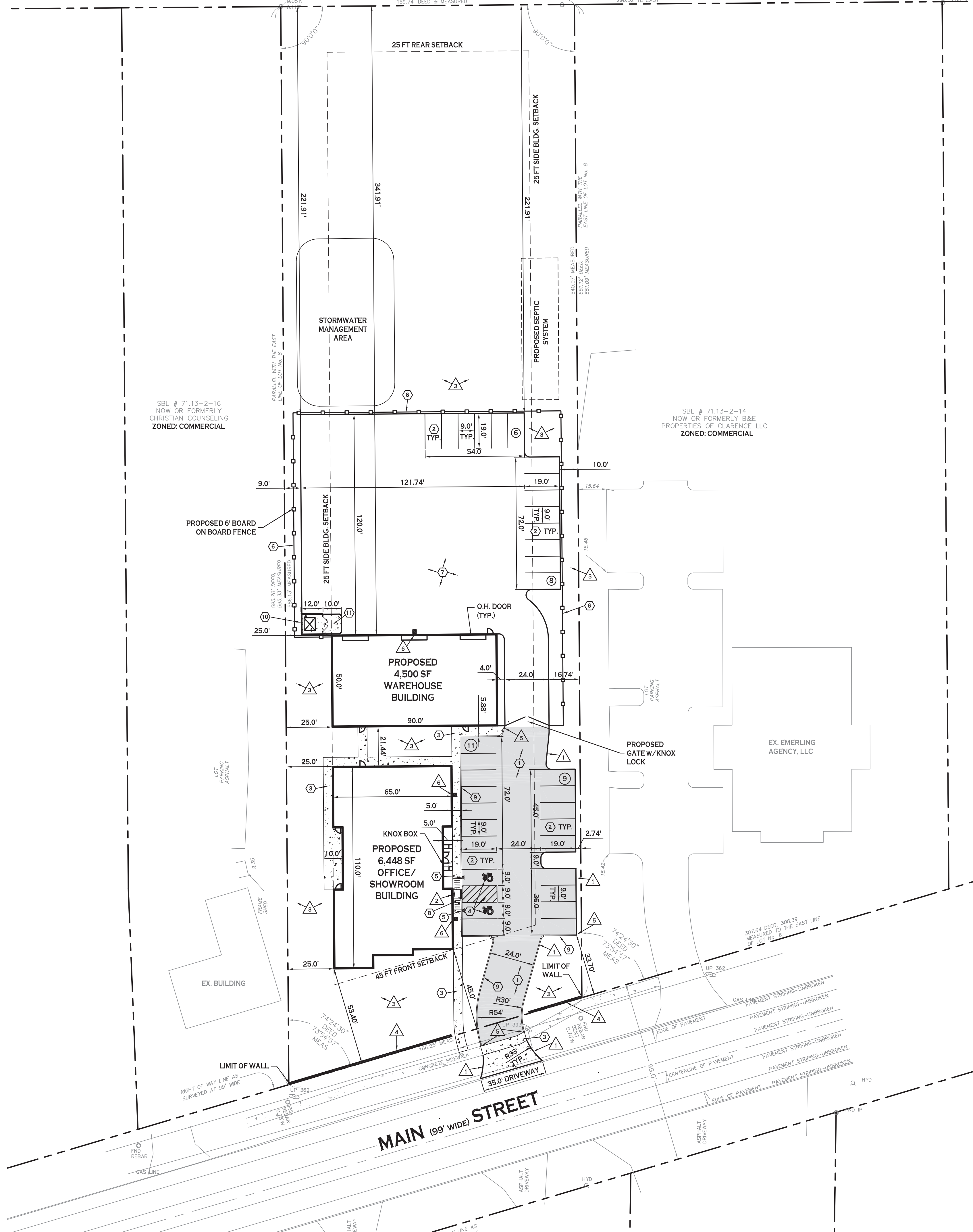
DRAWING NO.
C-002
Project no.: 19.004

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NYS DEPT AUDIT & CONTROL NOW OR FORMERLY SBL # 71.13-1-6 ZONED: COMMERCIAL

FND REBAR 0.08'S 6.71'W OF LINE LOT No. 8 298.22 TO EAST



SITE DATA		
SITE AREA = 2.10 AC		
ZONED: COMMERCIAL		
USE: PROPOSED 6,448 SF OFFICE & 4,500 SF WAREHOUSE BUILDING		
SETBACKS - BUILDING	REQUIRED	PROVIDED
FRONT	45 FT*	45.0 FT
SIDE (ABUTTING COM. / RES.)	25 FT / 45 FT	25.0 FT
REAR (ABUTTING COM. / RES.)	25 FT / 45 FT	341.91 FT
SETBACKS - PARKING		
FRONT	N/A	33.70 FT
SIDE	N/A	2.74 FT
REAR	N/A	221.91 FT
PARKING STALLS		
STALL SIZE	9'x19'	9'x19'
REQUIRED SPACES	34	34
GREENSPACE		
OVERALL SITE GREENSPACE	25% (0.53 AC)	58% (1.21 AC)
INTERIOR GREENSPACE	8% (0.02 AC)	8% (0.02 AC)
MAX. BUILDING HEIGHT	45 FT	<= 45 FT
MAX. BUILDING COVERAGE	70% MAX.	13.66%

* WHERE THERE IS AN ESTABLISHED FRONT SETBACK LINE BETWEEN ADJOINING PROPERTIES, THAT SETBACK LINE WOULD APPLY TO THE PROPERTY TO A MINIMUM OF 45 FEET.

PARKING CALCULATION:	
"OFFICE"	
1 SPACE PER 200 GSF OF FLOOR AREA	
6,448 GSF / 200 = 32 SPACES	
"WAREHOUSE"	
1 PER 200 GSF OF OFFICE AREA, OR 1 PER EMPLOYEE OF MAXIMUM SHIFT	
2 EMPLOYEES = 2 SPACES	
TOTAL SPACES REQUIRED = 34 SPACES	

- SITE NOTES:**
- ALL RADII SHALL BE 3'-0" UNLESS OTHERWISE NOTED.
 - ALL DISTURBED AREAS SHALL HAVE 4" MIN. OF TOPSOIL AND SEED. FOR DISTURBED AREAS WITHIN NYS DOT R.O.W. DISTURBED AREAS SHALL BE RESTORED USING ITEM 610.1402 - TOPSOIL ROADSIDE AND ITEM 610.1602 - TURF ESTABLISHMENT.
 - ALL DIMENSIONS FROM PROPERTY LINES SHALL BE MEASURED PERPENDICULAR TO THE PROPERTY LINE.
 - CENTER ENTRANCE SIDEWALKS ON DOOR OPENINGS.
 - BUILDING DIMENSIONS ARE APPROXIMATE, REFER TO ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS.
 - ALL HANDICAP RAMPS AND/OR SIDEWALKS FLUSH TO PAVEMENT SHALL HAVE ADA COMPLIANT TACTILE WARNING STRIPS WHERE ENTERING PARKING AREAS/DRIVEWAYS.
 - KNOX KEY BOX TO BE INSTALLED TO ALLOW FIRE DEPARTMENT ACCESS TO BUILDING KEYS, LOCATION TO BE COORDINATED WITH OWNER AND TOWN.
 - ALL EDGES OF PAVEMENT SHALL BE CURVED.
 - ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED.

- GENERAL NOTES:**
- INSTALL ALL MATERIALS TO MANUFACTURER'S RECOMMENDATIONS AND BEST STANDARDS OF TRADE INVOLVED.
 - SUBSTITUTIONS SHALL BE MADE ONLY WITH OWNER'S APPROVAL AND BE OF EQUIVALENT QUALITY TO WHAT IS SPECIFIED.
 - WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND OSHA SAFETY RULES AND REGULATIONS.
 - VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE. NOTIFY OWNER & ENGINEER OF DISCREPANCIES IN CONDITIONS SHOWN ON DRAWINGS PRIOR TO PROCEEDING WITH THE WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY EXISTING STRUCTURES TO REMAIN AND ANY FINISH MATERIAL INSTALLED WHILE WORKING ON OTHER COMPONENTS.
 - CONTRACTOR SHALL KEEP JOB FREE OF DEBRIS AND MAKE FINAL CLEANUP TO SATISFACTION OF OWNER.
 - CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION SO THAT THIS WORK WILL NOT DISTURB EXISTING LINES AND/OR INSTALLATIONS. COORDINATE ALL WORK WITH THE APPLICABLE UTILITY COMPANIES.
 - ALL OTHER PERMITS REQUIRED BY STATE OF NEW YORK, COUNTY OF ERIE, AND TOWN OF CLARENCE ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER/OWNER.
 - REFER TO NYS DOT STANDARD SHEET 608-03 FOR DRIVEWAY ENTRANCE AND LAYOUT INFORMATION ALONG MAIN STREET.

DETAIL LEGEND SEE SITE DETAIL SHEET

- ① STANDARD DUTY ASPHALT
- ② 90' PARKING STALL
- ③ CONCRETE SIDEWALK
- ④ HANDICAPPED PAVEMENT MARKINGS
- ⑤ HANDICAPPED PARKING SIGN (WALL MOUNTED)
- ⑥ 6" HIGH BOARD ON BOARD FENCE
- ⑦ GRAVEL PARKING AREA
- ⑧ HANDICAP PAVEMENT RAMP
- ⑨ CONCRETE CURB
- ⑩ DUMPSTER ENCLOSURE
- ⑪ CONCRETE SLAB ON GRADE

NOTE LEGEND

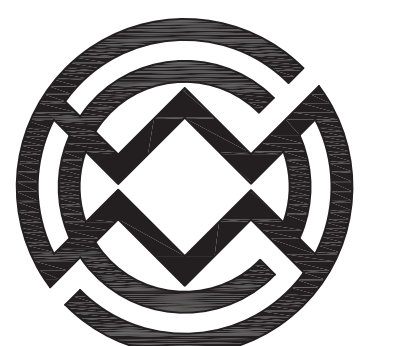
- ▲ EDGE OF PAVEMENT
- ▲ INSTALL "NO PARKING" SIGN, M.U.T.C.D. SIGN NO. R7-1C (WALL MOUNTED)
- ▲ LANDSCAPED AREA - SEE LANDSCAPE PLAN, IF NO PLANTINGS, INSTALL TOPSOIL & SEED
- ▲ 2.5' HIGH STONE DECORATIVE WALL, FACE ALONG R.O.W. LINE
- ▲ ROUNDT CURB IN 2'
- ▲ WALLPACK LIGHTING

SITE LEGEND

- PROPERTY LINE
- PROPOSED SIDEWALK
- PROPOSED ASPHALT PAVEMENT
- NUMBER OF PARKING SPACES
- PROPOSED SIGN
- PROPOSED BLDG. MOUNTED LIGHT

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

SITE PLAN
SCALE: 1"=30'



Carmina Wood Morris
487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS: No. Description Date

PROJECT NAME:

**New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York**

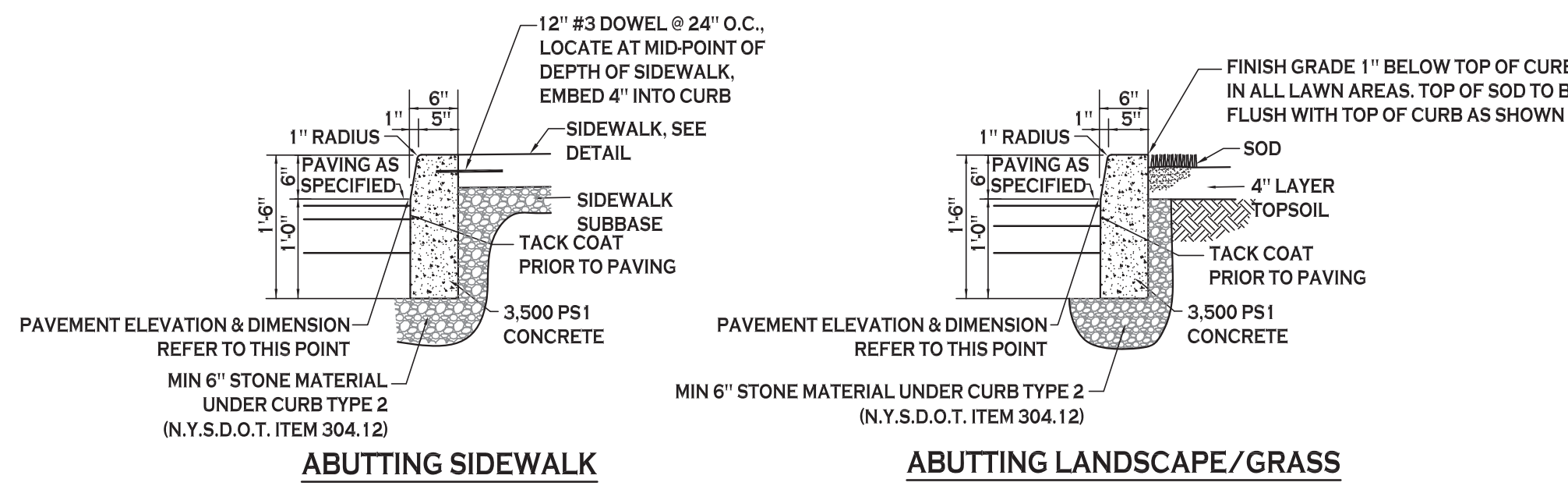
Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Site Plan

DRAWING NO.
C-100
Project no.: 19.004

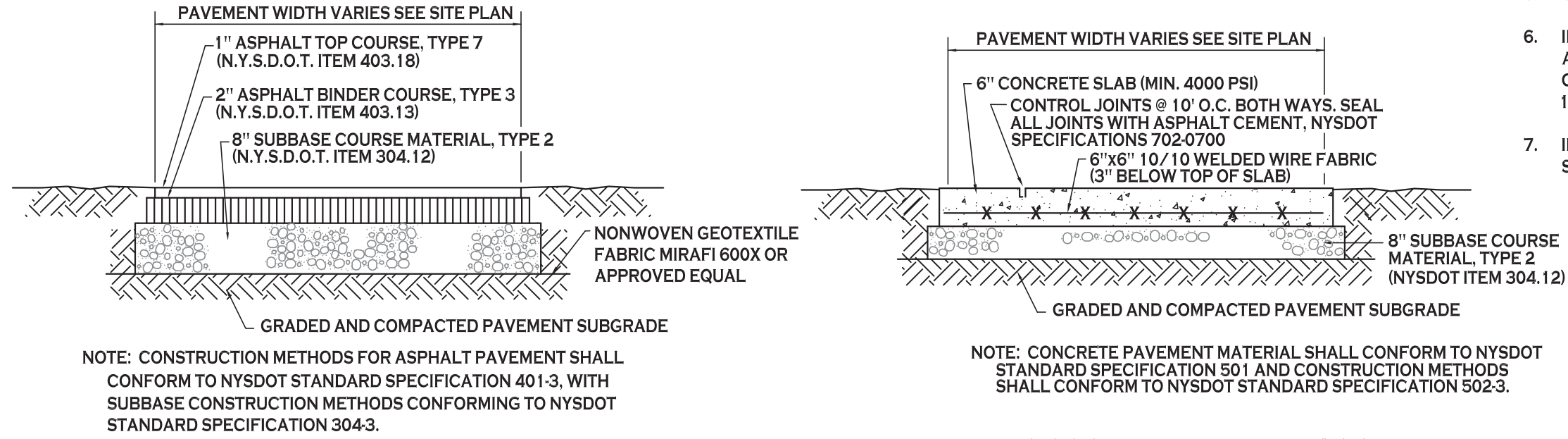
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- NOTES:**
- CONTROL JOINTS TO BE 2' DEEP AT 15'-0" O.C. - SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYS DOT 702-0700.
 - WHERE THE CURB DROPS (IS FLUSH WITH ASPHALT) THE DEPTH OF CURB BELOW GRADE SHALL BE INCREASED TO 1'-6" AND OTHER DIMENSIONS ADJUSTED ACCORDINGLY.

TYPE "A" CONCRETE CURB - 9
NOT TO SCALE

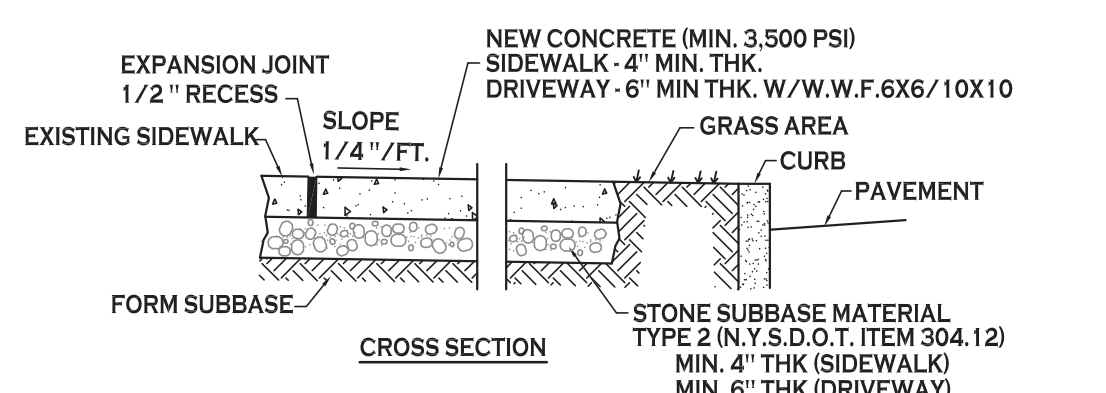


NOTE: CONSTRUCTION METHODS FOR ASPHALT PAVEMENT SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION 401-3, WITH SUBBASE CONSTRUCTION METHODS CONFORMING TO NYS DOT STANDARD SPECIFICATION 304-3.

NOTE: CONCRETE PAVEMENT MATERIAL SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION 502-3.

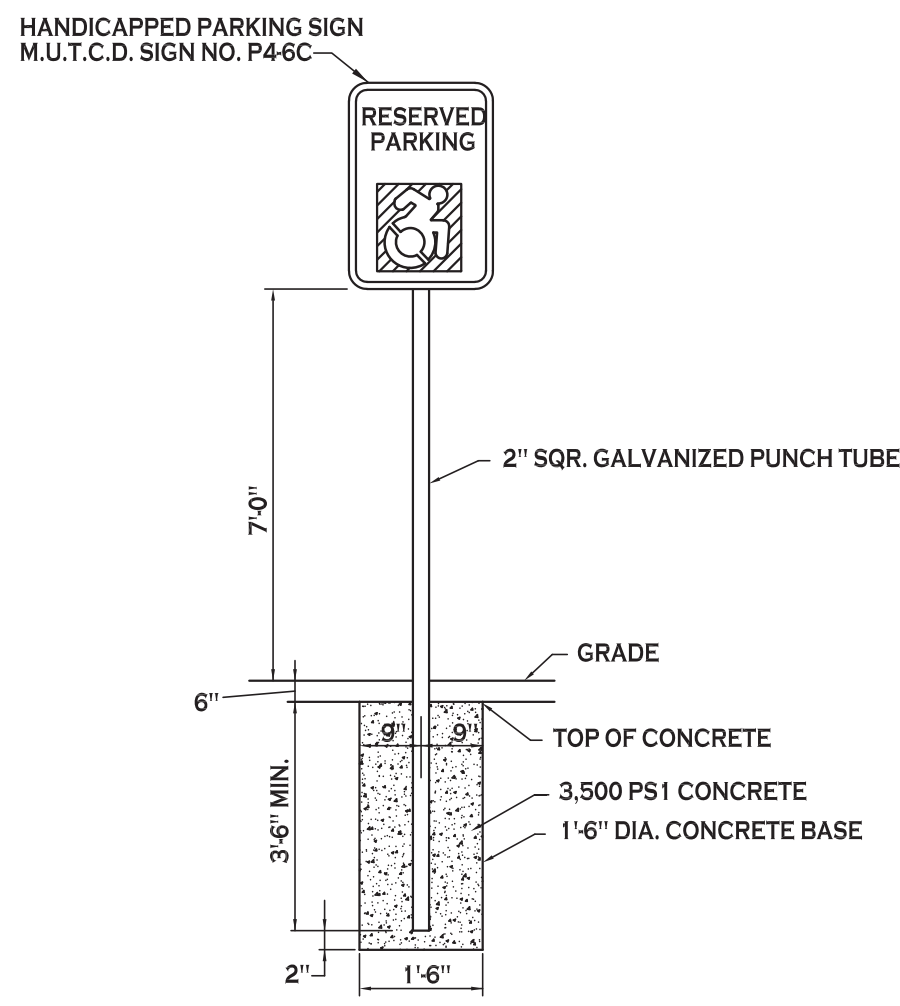
STANDARD DUTY ASPHALT SECTION - 1
NOT TO SCALE

EXTERIOR CONCRETE SLAB-ON-GRADE SECTION - 11
NOT TO SCALE



- NOTES:**
- CONTROL JOINTS TO BE AT 5'-0" O.C., BOTH WAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYS DOT 702-0700.
 - CONCRETE SIDEWALK AND DRIVEWAY MATERIAL SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION 608-3.
 - SUBBASE GRADE SHALL FOLLOW THE PROPOSED GRADE OF THE SIDEWALK AND SLOPE AWAY FROM BUILDING WHERE APPLICABLE. PROVIDE CONTINUOUS STONE PATH TO CURB UNDERDRAIN WHERE PROVIDED.
 - FULL DEPTH EXPANSION JOINTS SHALL BE INSTALLED EVERY 20' O.C., BOTHWAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYS DOT 702-0700.
 - SEE CURB DETAIL FOR DOWLING REQUIREMENTS WHERE ABUTTING CURB.
 - INSTALL 6" LONG #3 DOWELS @ 12" O.C. WHERE SIDEWALK ABUTS A BUILDING WALL AT AN ENTRANCE. THICKEN SIDEWALK TO 6" AT BUILDING WALL AND INSTALL DOWEL CENTERED IN THE 6" DEPTH. DOWELS AND THICKENING OF SIDEWALK SHALL EXTEND 18" EITHER SIDE OF ENTRANCE.
 - INSTALL 1/2" PREMOLDED EXPANSION JOINT WITH BACKER ROD & SEALANT WHERE SIDEWALK ABUTS BUILDING OR OTHER STRUCTURE.

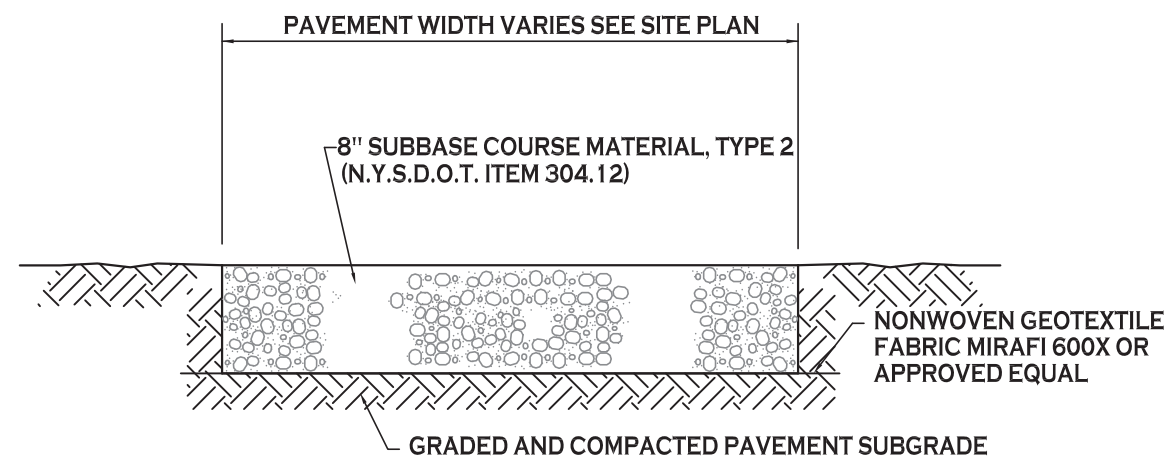
CONCRETE SIDEWALK - 3
NOT TO SCALE



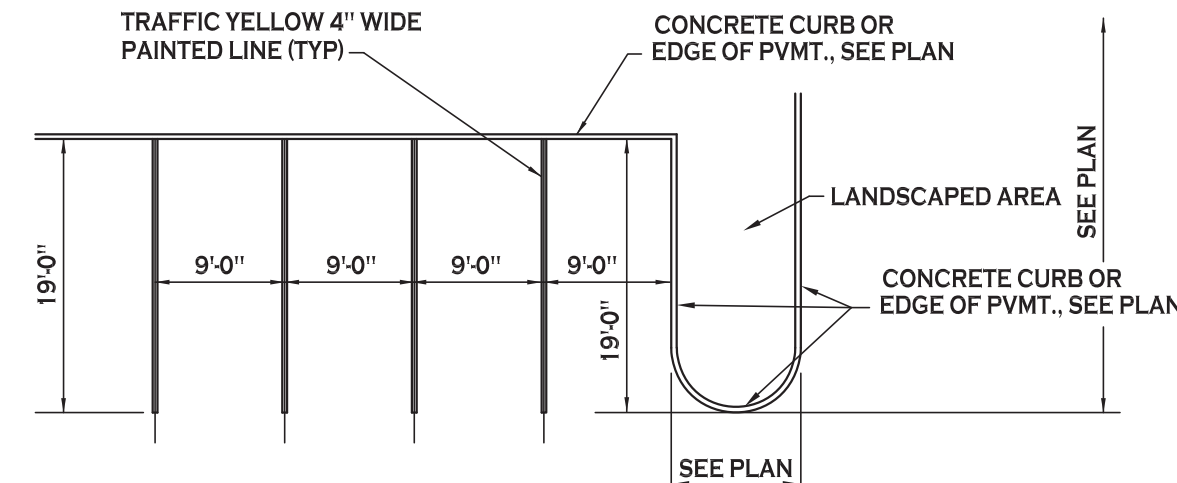
- NOTES:**
- HANDICAPPED PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS.

GRASS/LAWN AREA

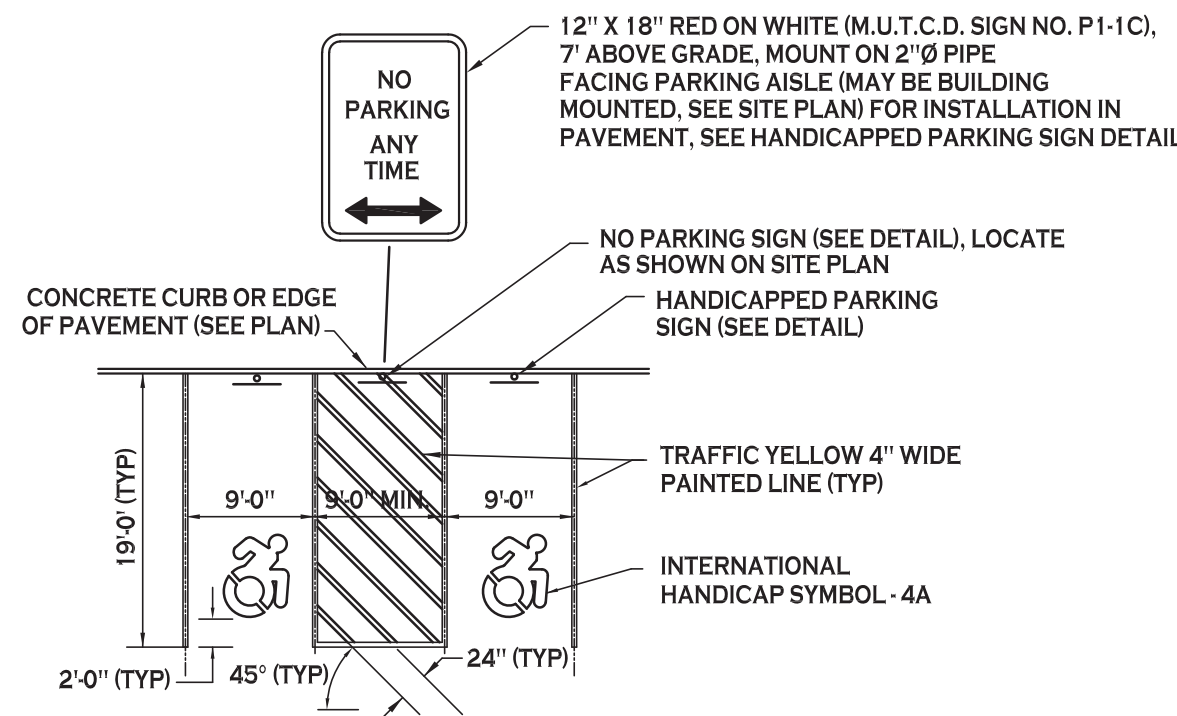
HANDICAPPED PARKING SIGN - 5
NOT TO SCALE



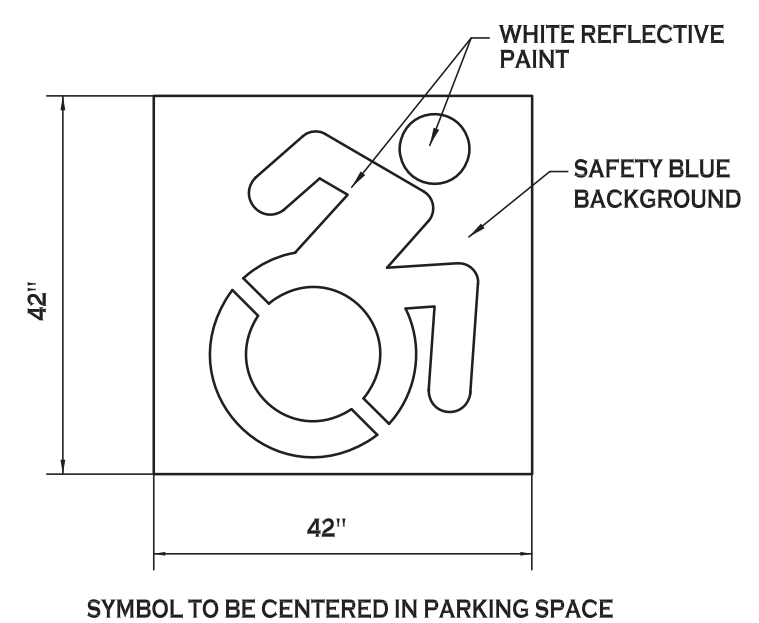
GRAVEL PARKING SECTION - 7
NOT TO SCALE



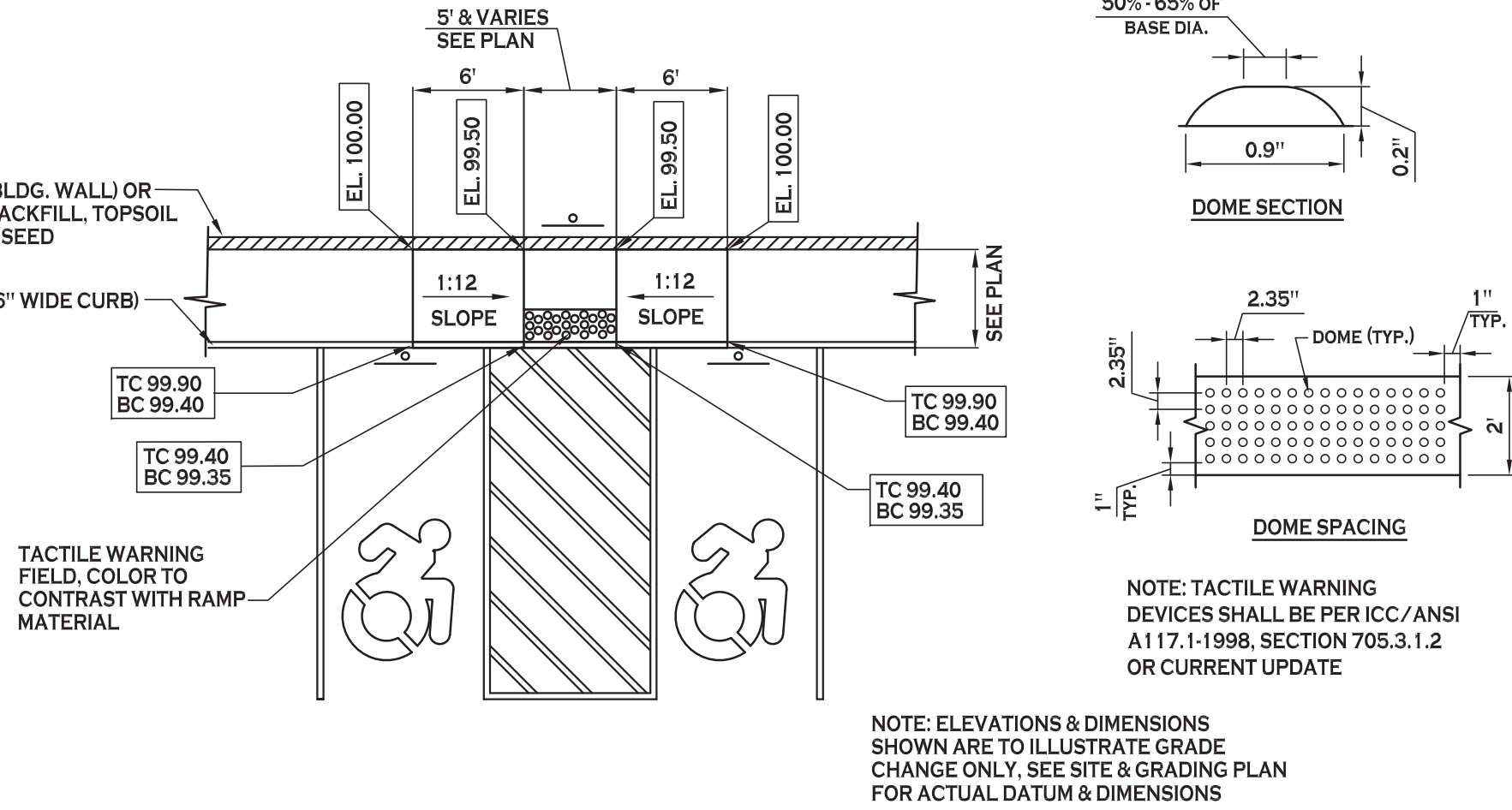
90° PARKING STALL LAYOUT - 2
NOT TO SCALE



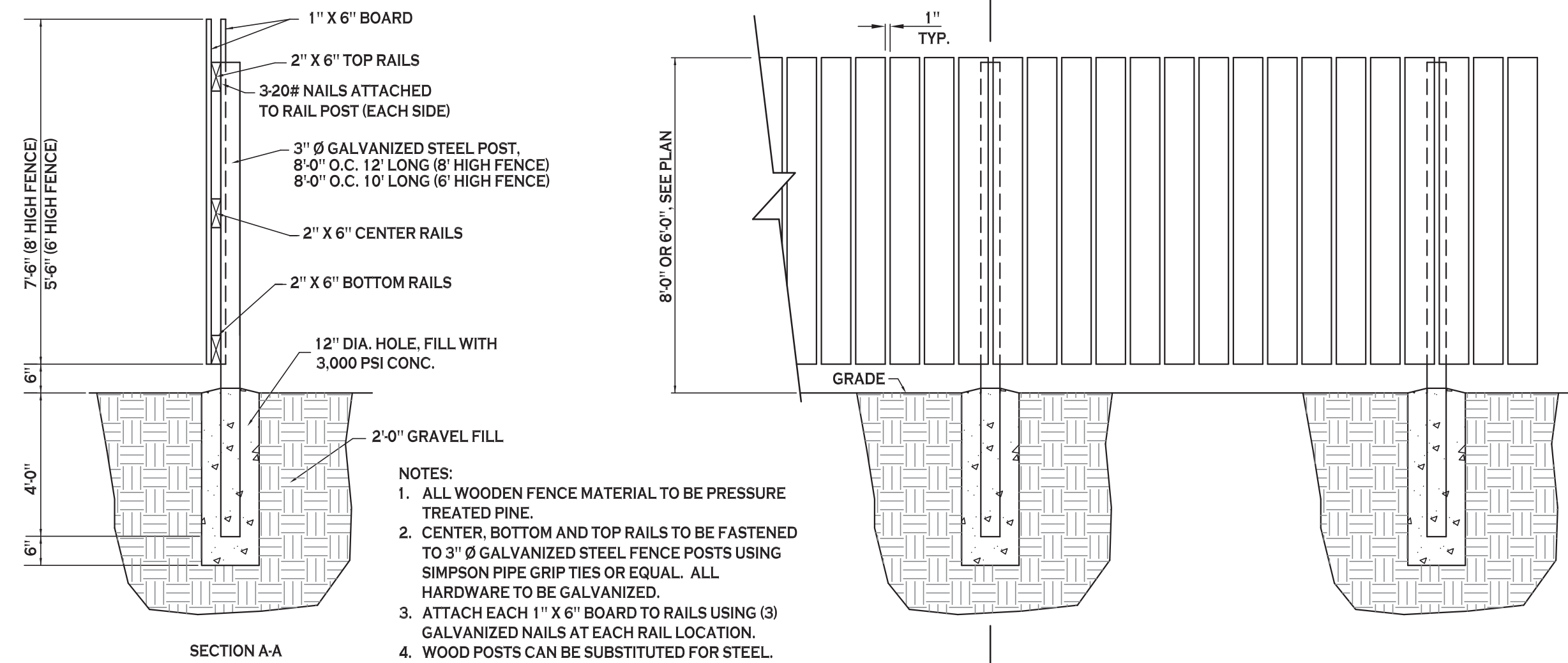
HANDICAPPED PAVEMENT MARKINGS & SIGNAGE - 4
NOT TO SCALE



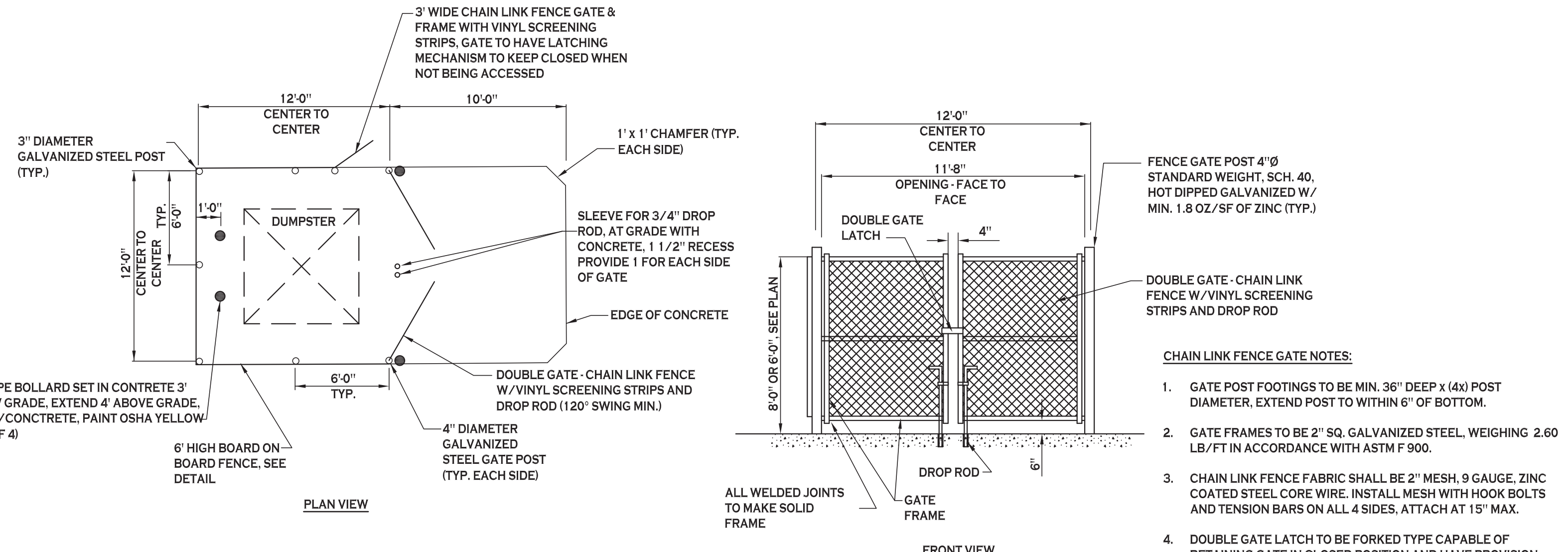
INTERNATIONAL HANDICAP SYMBOL - 4A
NOT TO SCALE



HANDICAPPED PAVEMENT RAMP - 8
NOT TO SCALE



6" BOARD ON BOARD FENCE - 6
NOT TO SCALE



DUMPSTER ENCLOSURE - 10
NOT TO SCALE

- CHAIN LINK FENCE GATE NOTES:**
- GATE POST FOOTINGS TO BE MIN. 36" DEEP x (4x) POST DIAMETER, EXTEND POST TO WITHIN 6" OF BOTTOM.
 - GATE FRAMES TO BE 2" SQ. GALVANIZED STEEL, WEIGHING 2.60 LB/FT IN ACCORDANCE WITH ASTM F 900.
 - CHAIN LINK FENCE FABRIC SHALL BE 2" MESH, 9 GAUGE, ZINC COATED STEEL CORE WIRE. INSTALL MESH WITH HOOK BOLTS AND TENSION BARS ON ALL 4 SIDES, ATTACH AT 15" MAX.
 - DOUBLE GATE LATCH TO BE FORKED TYPE CAPABLE OF RETAINING GATE IN CLOSED POSITION AND HAVE PROVISION FOR PAD LOCK. LATCH SHALL BE OPERABLE FROM EITHER SIDE OF GATE.
 - ALL HARDWARE TO BE HOT DIPPED GALVANIZED STEEL TO SUIT GATE SIZE.



REVISIONS: No. Description Date

PROJECT NAME:

New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

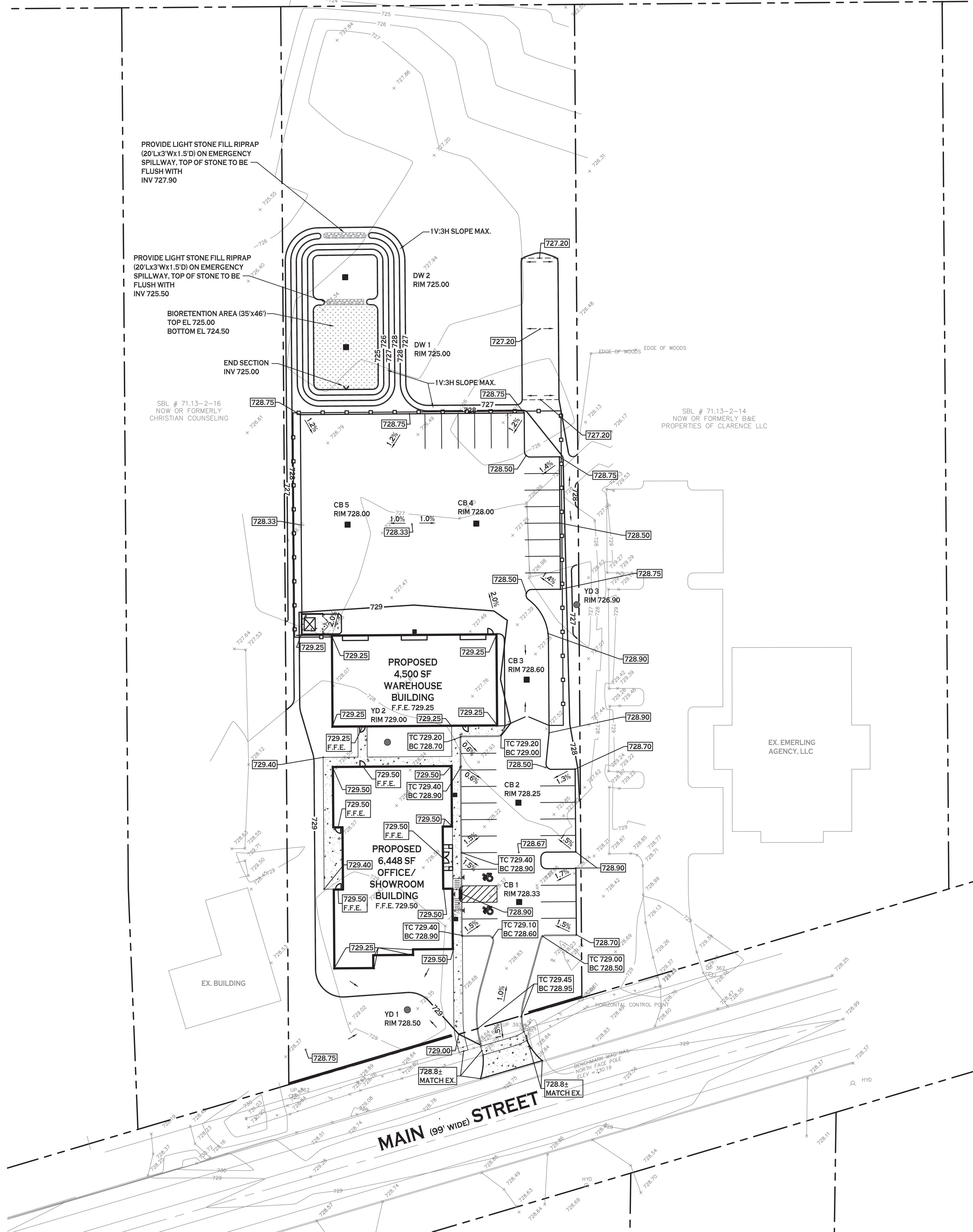
DRAWING NAME:
Site Details

DRAWING NO.:
C-101
Project no.: 19.004

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NYS DEPT AUDIT & CONTROL NOW
OR FORMERLY SBL # 71.13-1-6



PROVIDE LIGHT STONE FILL RIPRAP (20'Lx3'Wx1.5'D) ON EMERGENCY SPILLWAY. TOP OF STONE TO BE FLUSH WITH INV 727.90

PROVIDE LIGHT STONE FILL RIPRAP (20'Lx3'Wx1.5'D) ON EMERGENCY SPILLWAY. TOP OF STONE TO BE FLUSH WITH INV 725.50

BIORETENTION AREA (35'x46')
TOP EL 725.00
BOTTOM EL 724.50

END SECTION
INV 725.00

SBL # 71.13-2-16
NOW OR FORMERLY
CHRISTIAN COUNSELING

SBL # 71.13-2-14
NOW OR FORMERLY B&E
PROPERTIES OF CLARENCE LLC

MAIN (99' WIDE) STREET

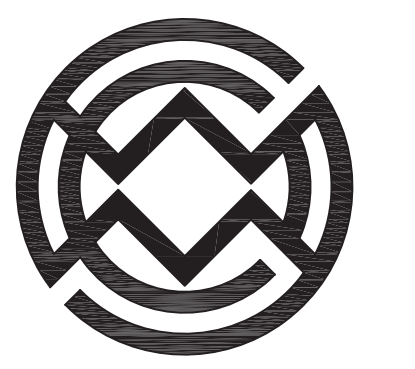
PROPOSED GRADING LEGEND

PROPOSED CONTOUR	— 101 —
PROPOSED SPOT ELEVATION	100.80
PROPOSED TOP OF CURB/ BOTTOM OF CURB ELEVATION	TC 101.30 BC 100.80
PROPOSED CATCH BASIN	■ CB
PAVEMENT/GROUND SLOPE	—
PROPOSED YARD DRAIN	● YD
CB: CATCH BASIN DW: DRAINAGE WELL YD: YARD DRAIN	

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



GRADING PLAN
SCALE: 1"=30'



**Carmina
Wood
Morris**^{DPC}
487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS:

No.	Description	Date

PROJECT NAME:
New Construction

Office & Warehouse Buildings
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

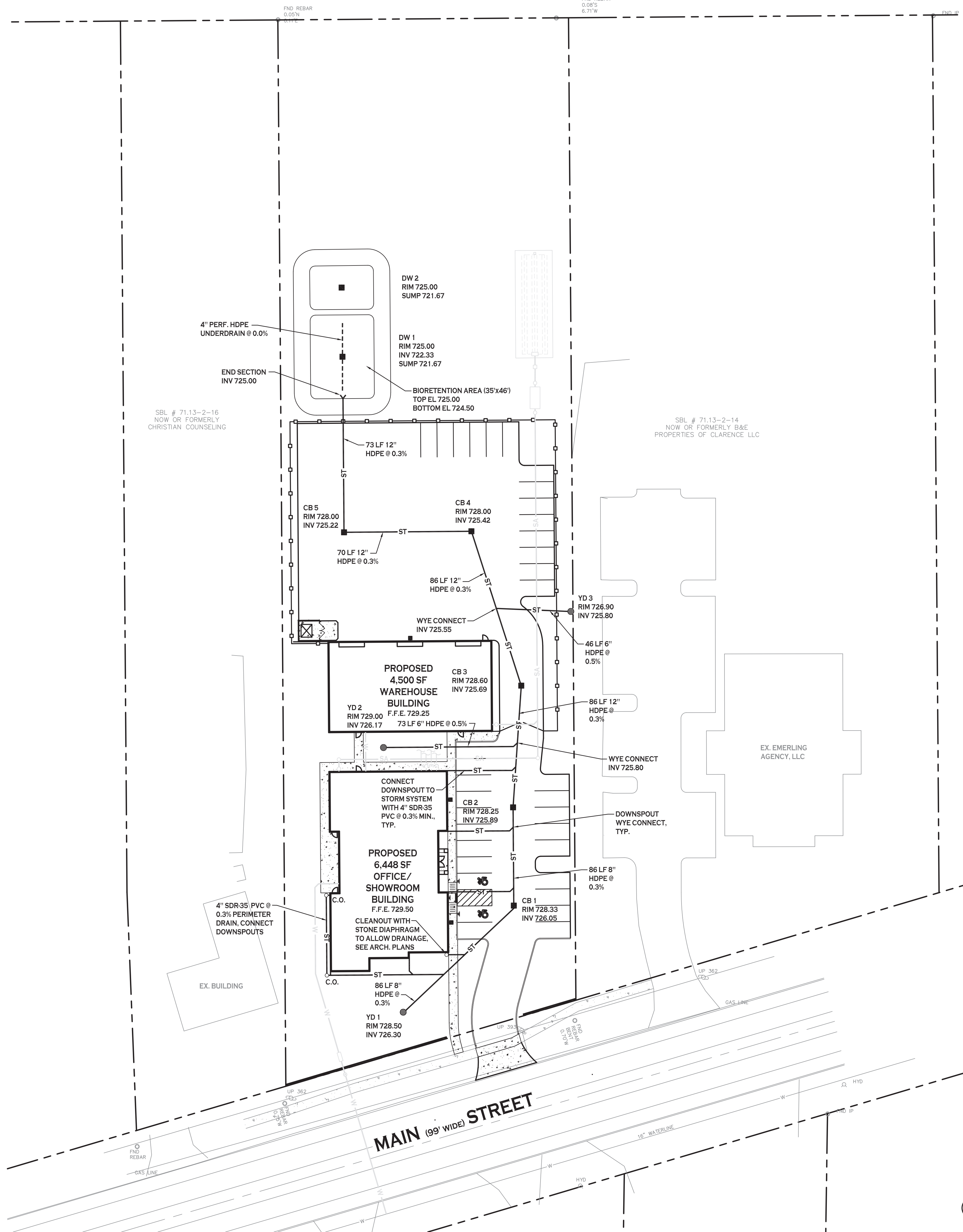
DRAWING NAME:
Grading Plan

DRAWING NO.
C-200
Project no.: 19.004

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NYS DEPT. AUDIT & CONTROL NOW
OR FORMERLY SBL # 71.13-1-6



PRE DEVELOPMENT STORMWATER EVENT SUMMARIES			
EVENT	RUNOFF (CFS)	VOLUME (CUBIC FEET)	DEPTH (INCHES)
1-YEAR	1.01	3,747	0.65
2-YEAR	1.40	5,096	0.89
5-YEAR	2.03	7,257	1.27
10-YEAR	2.63	9,361	1.63
25-YEAR	3.60	12,794	2.23
50-YEAR	4.51	16,051	2.80
100-YEAR	5.59	19,968	3.48

POST DEVELOPMENT STORMWATER EVENT SUMMARIES				
EVENT	INFLOW (CFS)	OUTFLOW (CFS)	ELEVATION (FEET)	STORAGE (CUBIC FEET)
1-YEAR	2.55	0.56	725.54	1,483
2-YEAR	3.26	0.56	725.78	2,181
5-YEAR	4.33	0.56	726.13	3,322
10-YEAR	5.33	0.56	726.46	4,453
25-YEAR	6.88	0.56	726.96	6,316
50-YEAR	8.30	0.56	727.40	8,091
100-YEAR	9.95	0.56	727.90	10,307

PROPOSED STORM DRAINAGE LEGEND

PROPOSED STORM PIPE ——— ST ———

PROPOSED PERFORATED STORM PIPE - - - - -

PROPOSED CATCH BASIN ■

PROPOSED YARD DRAIN ●

CB: CATCH BASIN
DW: DRAINAGE WELL
YD: YARD DRAIN

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

STORM DRAINAGE PLAN
SCALE: 1"=30'



REVISIONS:
No. Description Date

PROJECT NAME:
**New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York**

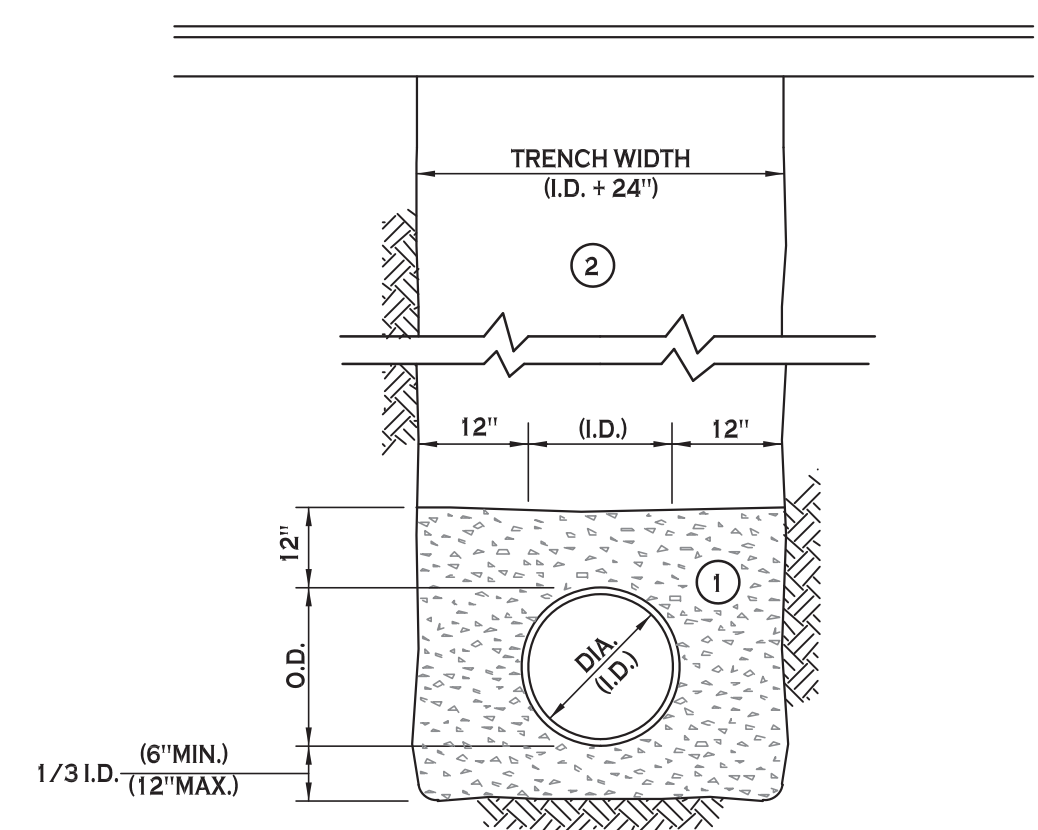
Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Storm Drainage Plan

DRAWING NO.
C-300
Project no.: 19.004

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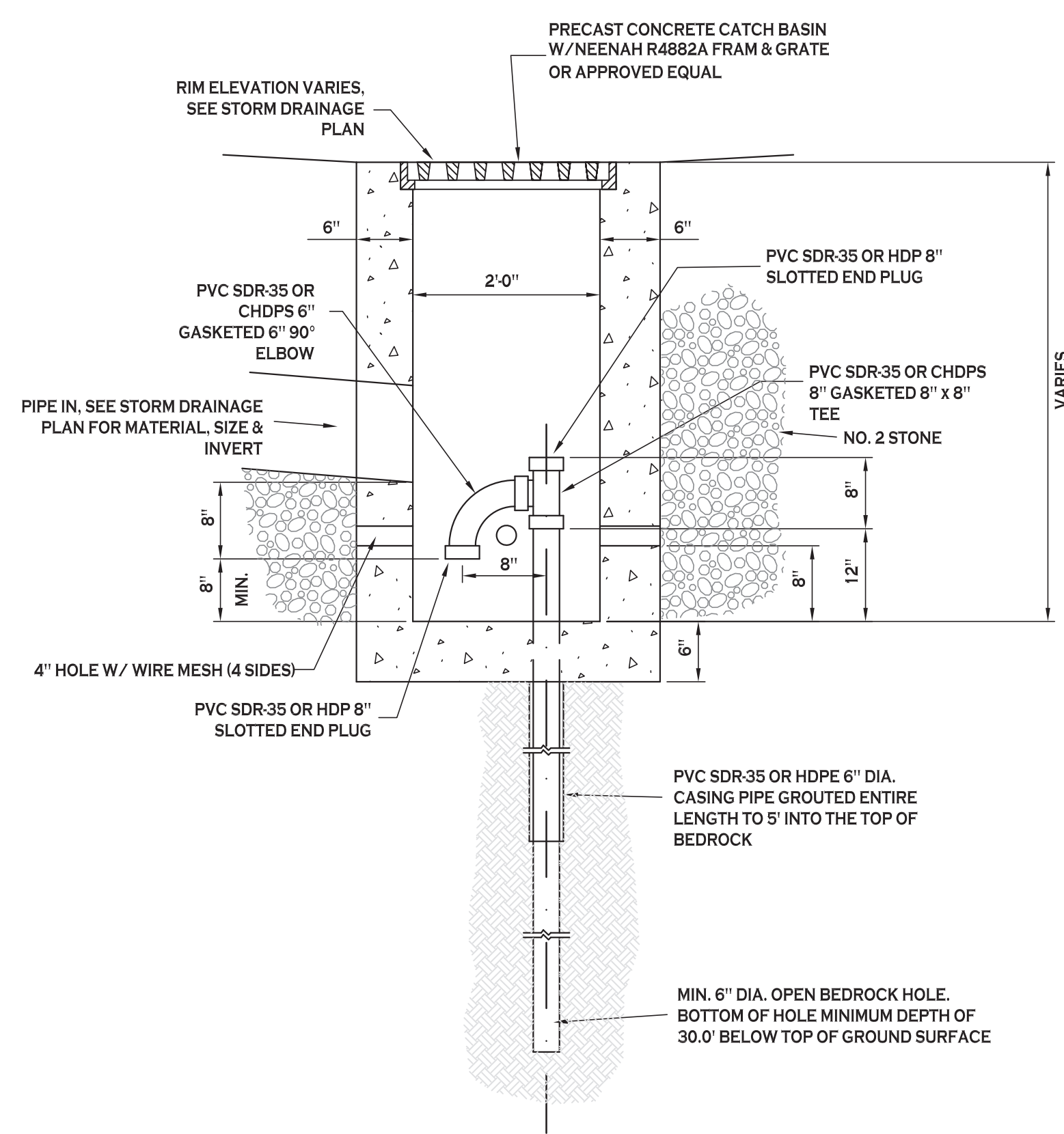
- NOTES:
- PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

MATERIALS

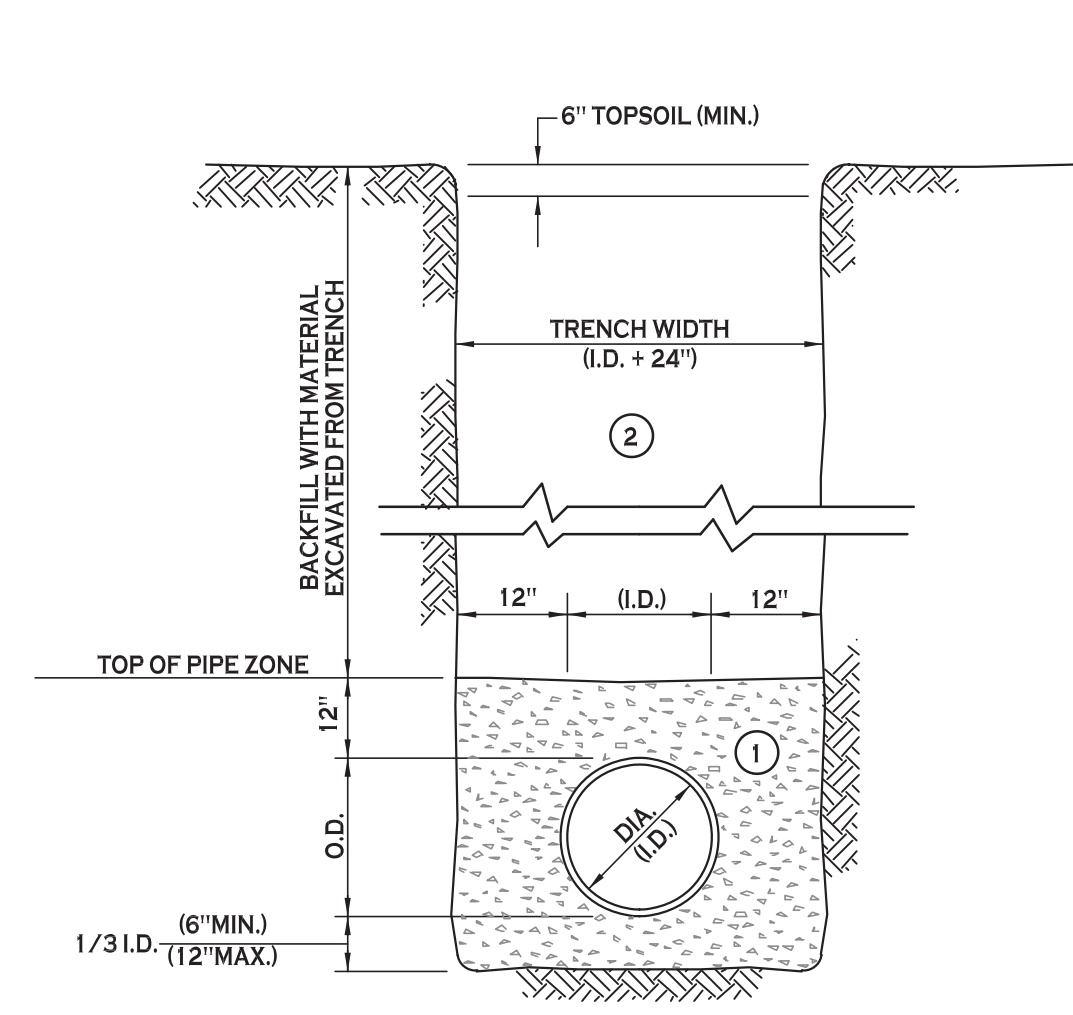
PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)

- NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703.02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 1
- TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 304.2.02 TYPE 2. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN TWO INCHES AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

STORM SEWER TRENCH SECTION IN PAVED AREAS
NOT TO SCALE



TYPICAL DRAINAGE WELL
NOT TO SCALE



- NOTES:
- PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

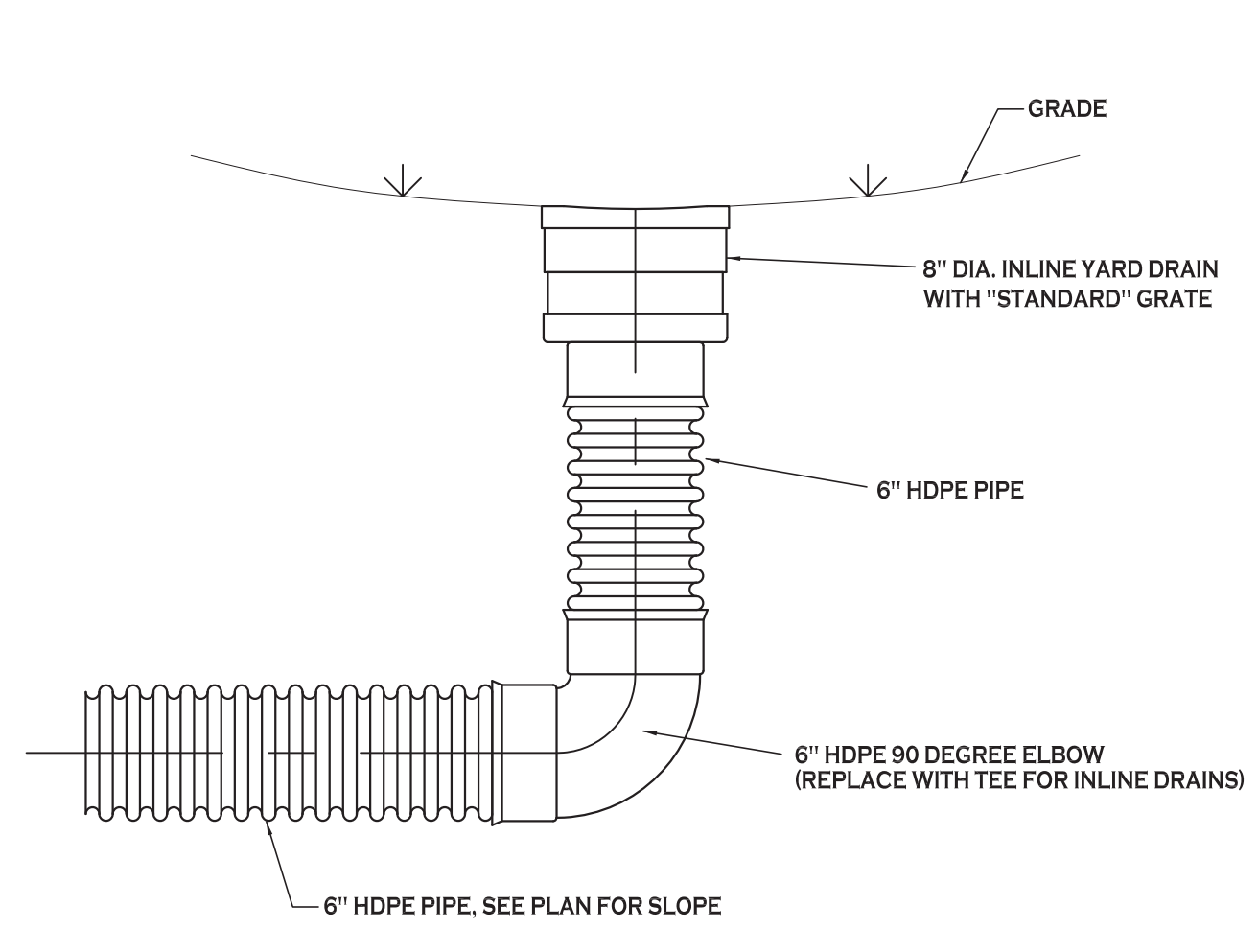
MATERIALS

PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)

- NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703.02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 1
- BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL. COMPACTED IN 6" LIFTS.

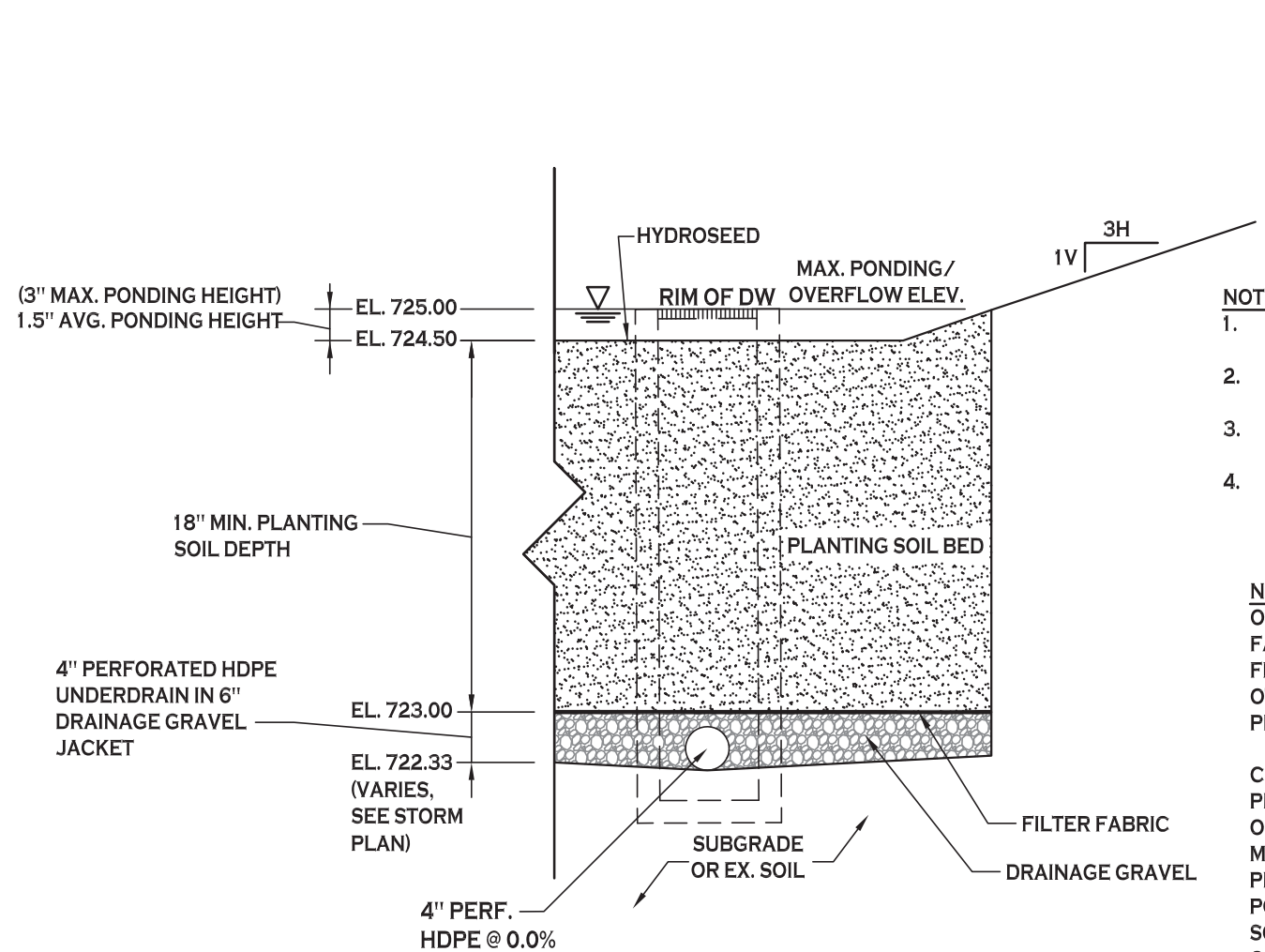
STORM SEWER TRENCH SECTION IN UNPAVED AREAS
NOT TO SCALE

- NOTES:
- CONSTRUCTION OF STORM DRAINAGE WELLS TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF BUFFALO DRILLING COMPANY, INC.
 - STORM DRAINAGE WELLS TO BE CONSTRUCTED AS MINIMUM 6" DIAMETER OPEN BEDROCK WELLS EXTENDING MINIMUM OF 30 FEET BELOW EXISTING GROUND SURFACE.
 - EACH STORM DRAINAGE WELL TO BE FIELD TESTED TO DETERMINE INTAKE VALUE. THIS VALUE TO BE APPROVED BY OWNER.
 - CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL STATUTES REGARDING THE PREVENTION AND ABATEMENT OF SOIL EROSION, SEDIMENTATION, WATER POLLUTION AND PRESERVATION OF EXISTING AQUIFERS.
 - REGULAR PERIODIC INSPECTION AND MAINTENANCE OF STORM DRAINAGE WELLS IS RECOMMENDED. MAINTENANCE TO INCLUDE REMOVAL OF ACCUMULATED OILS AND SEDIMENT FROM SLUMPS IN CURB INLETS AND STORM DRAINAGE WELLS AS WELL AS PERIODIC FLUSHING OF STORM DRAINAGE WELLS WITH WATER AND AIR.



NOTE:
SEE TYPICAL TRENCH SECTION FOR BEDDING REQUIREMENTS

TYPICAL YARD DRAIN DETAIL
NOT TO SCALE



- NOTES:
- FILTER FABRIC TO BE NON-WOVEN CLASS 'C', MIRAFI 180N OR APPROVED EQUIVALENT.
 - MULCH TO BE SHREDDED HARDWOOD, AGED 12 MONTHS MIN.
 - DRAINAGE GRAVEL TO MEET AASHTO M-43. NO. 57, SIZE 0.25" TO 0.75"
 - CONTRACTOR TO PROVIDE PLANTING SOIL SUBMITTAL SPECIFICATION FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

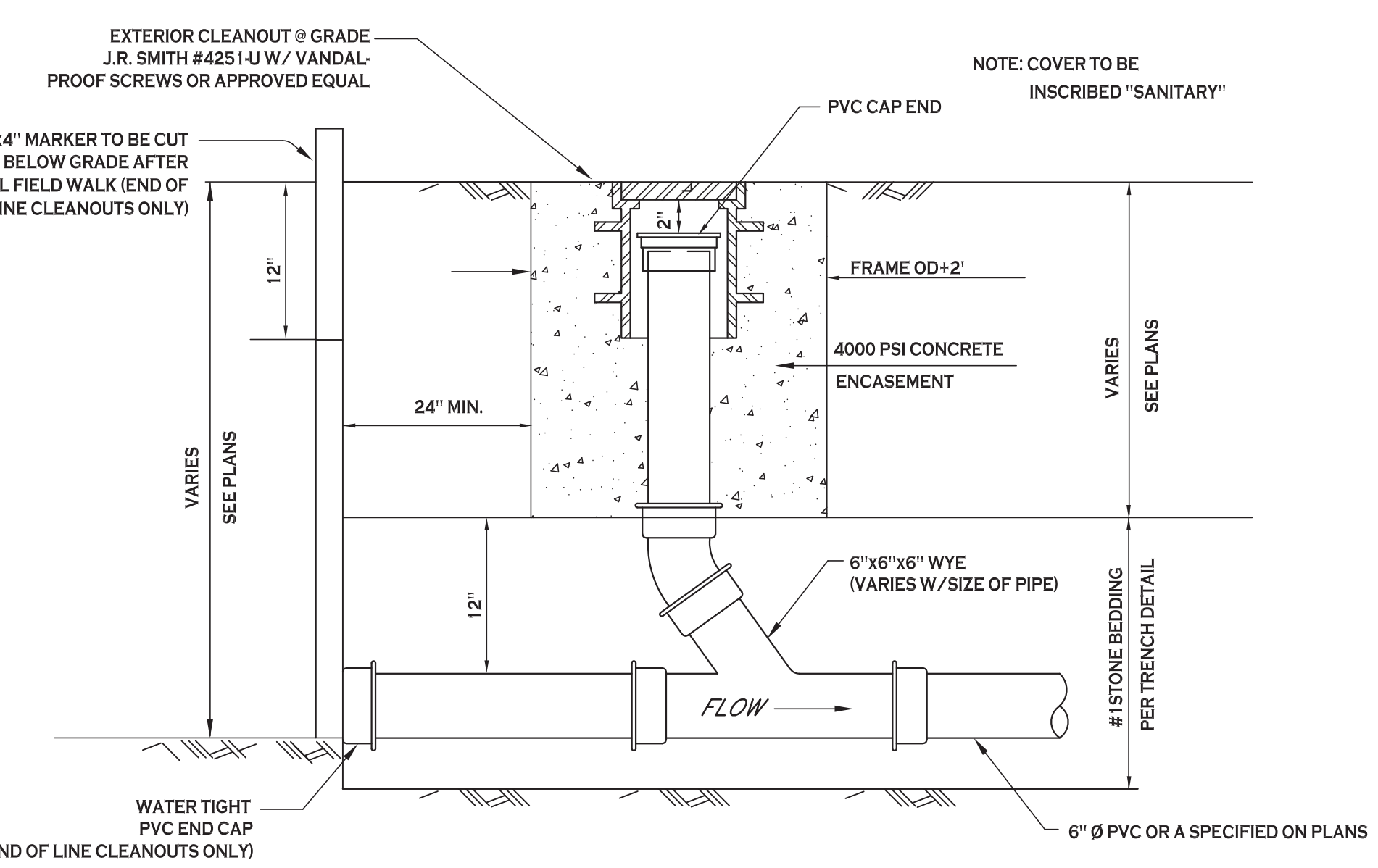
NOTE: PLANTING SOIL SHALL BE LOAM/SAND MIX CONTAINING A MINIMUM OF 35 TO 60% SAND BY VOLUME AND LESS THAN 25% CLAY. SOIL SHOULD FALL WITHIN USCS TYPES SM OR ML WITH PERMEABILITY OF AT LEAST 0.5 FEET PER DAY. SOIL SHOULD BE FREE FROM STONES, STUMPS, ROOTS OR OTHER WOODY MATERIAL OVER 1" IN DIAMETER. PLACEMENT OF THE PLANTING SOIL SHOULD BE IN LIFTS OF 12" TO 18", LOOSELY COMPACTED.

CHARACTERISTICS SHALL BE:
PH RANGE: 5.2 - 7.00
ORGANIC MATTER: 1.5 - 4.0%
MAGNESIUM: 35 LBS PER ACRE MIN.
PHOSPHORUS: 75 LBS PER ACRE MIN.
POTASSIUM: 85 LBS PER ACRE MIN.
SOLUBLE SALTS: 500 PPM
CLAY: 10 TO 25%
SILT: 30 TO 55%
SAND: 35 TO 60%

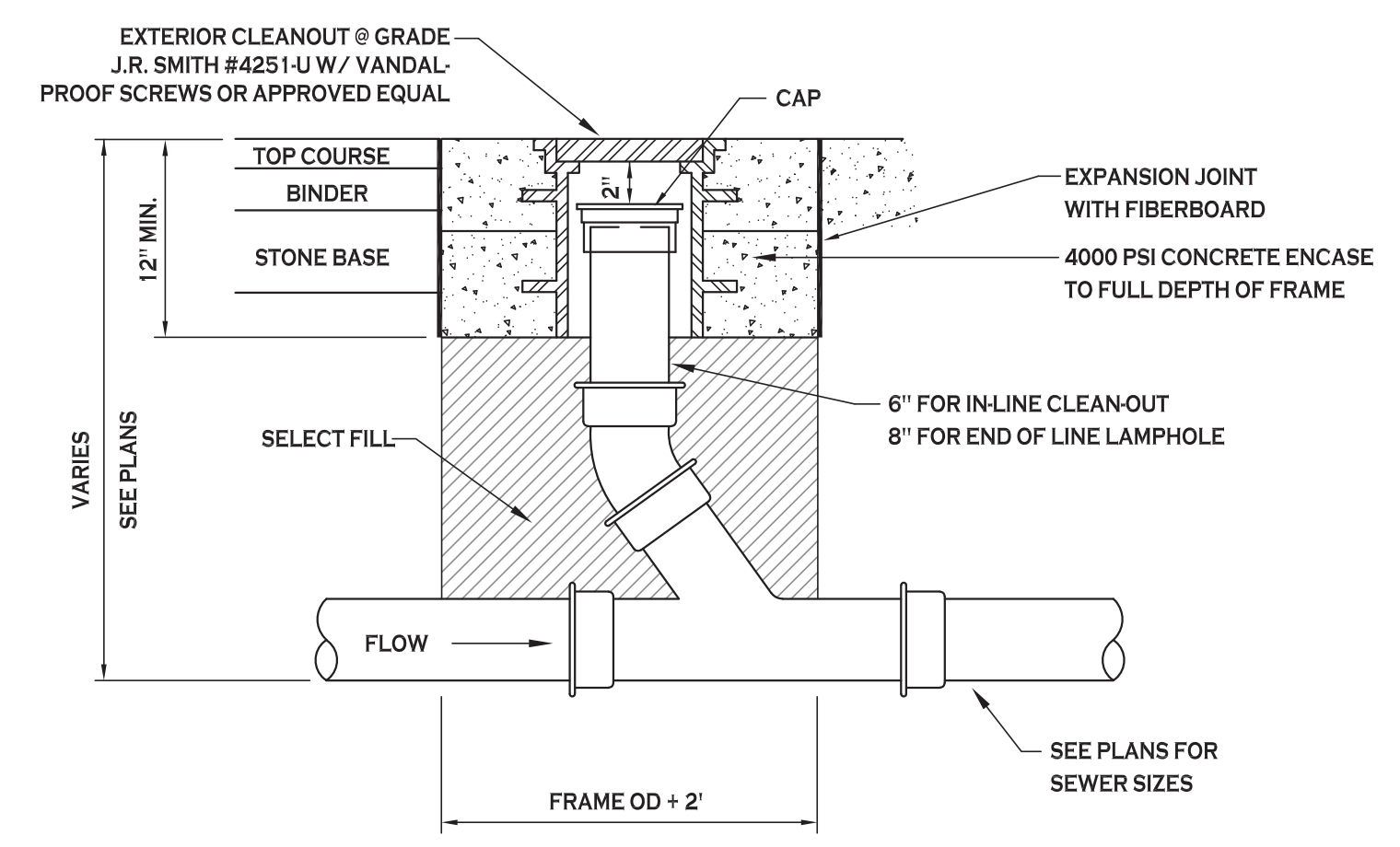
BIO-RETENTION AREA SEEDING SPEC (NORTHEAST WETLAND GRASS SEED MIX):

SEED MIXTURE	VARIETY	PERCENT BY NO. OF SEEDS
CREeping BENTGRASS	AGROSTIS STOLONIFERA	63.0
ROUGH BLUEGRASS	POA TRIVIALIS	17.0
MEADOW FOXTAIL	ALOPECURUS ARUNDINACEUS	11.0
ANNUAL RYEGRASS	LOLIUM MULTIFLORUM	4.5
DEERTONGUE	PANICUM CLANDESTINUM	4.5

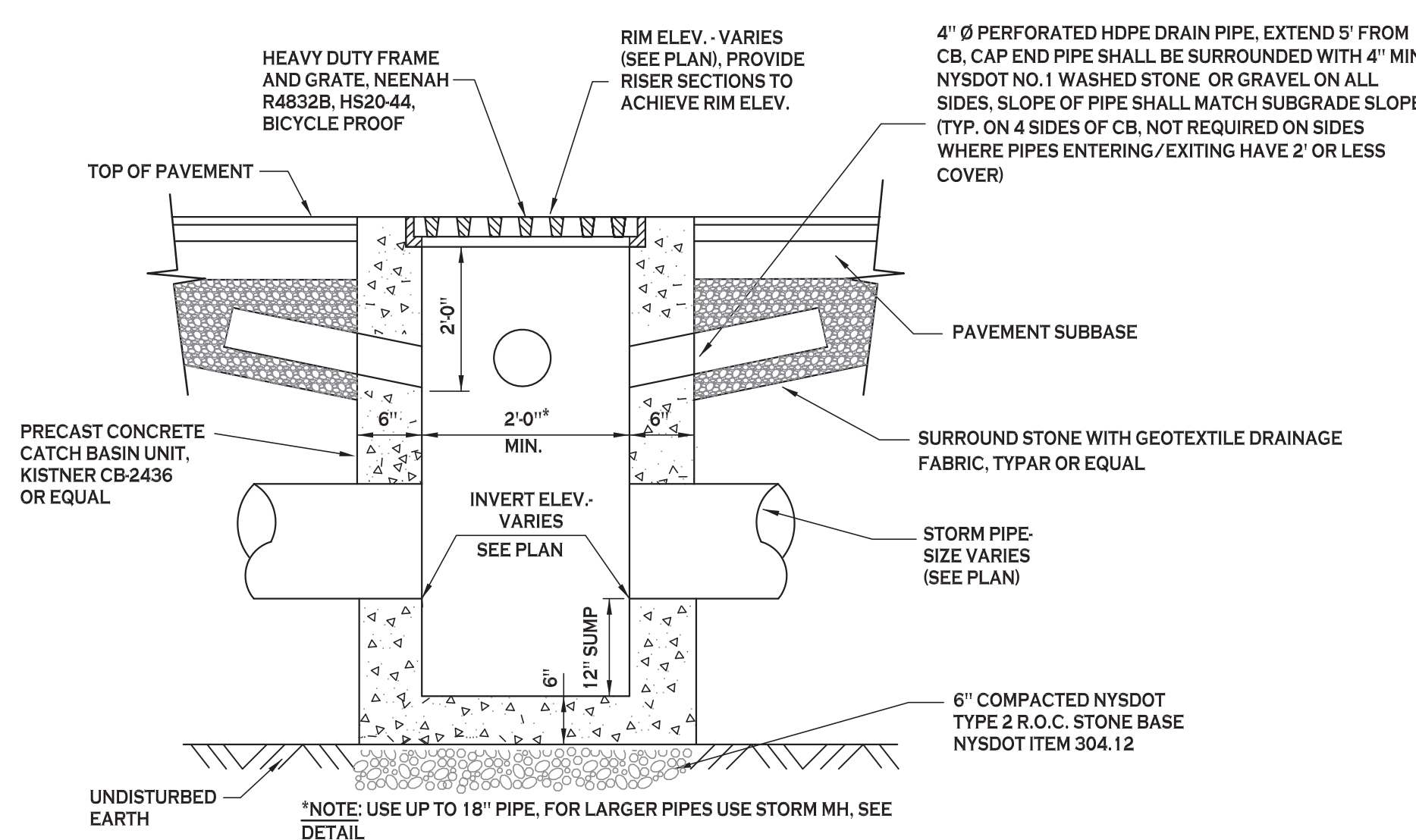
BIORETENTION AREA - TYPICAL SECTION
NOT TO SCALE



LAMP HOLE/CLEANOUT IN LAWN/FIELD AREAS
NOT TO SCALE



LAMP HOLE/CLEANOUT IN PAVEMENT/SIDEWALK
NOT TO SCALE



TYPICAL PRECAST CATCH BASIN
NOT TO SCALE



Carmina Wood Morris
487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS: No. Description Date

PROJECT NAME:
New Construction
Proposed Office Building
1200 Jefferson Avenue
Buffalo, New York 14208

Date: 6/3/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Storm Drainage Details

DRAWING NO.
C-301
Project no.: 19.008

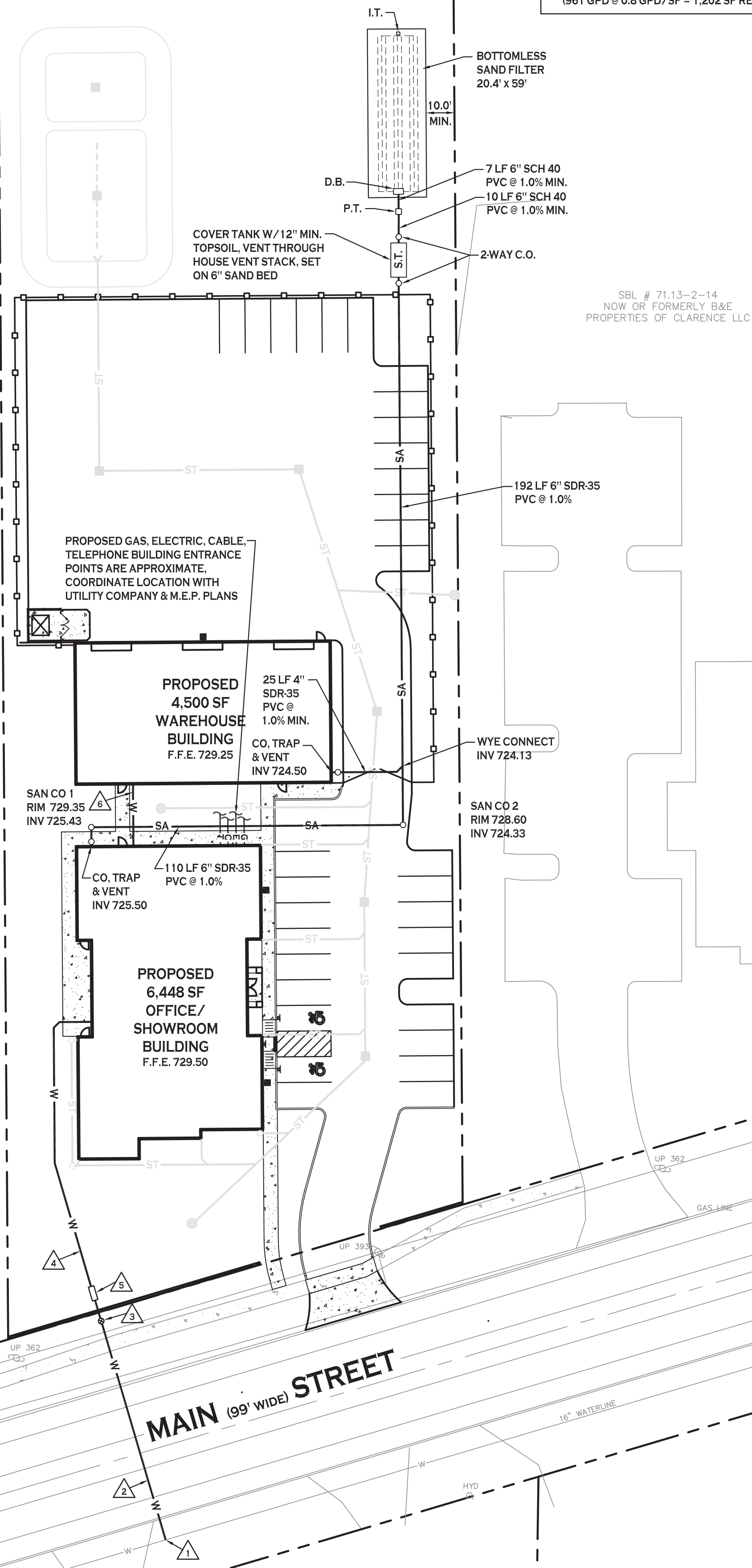
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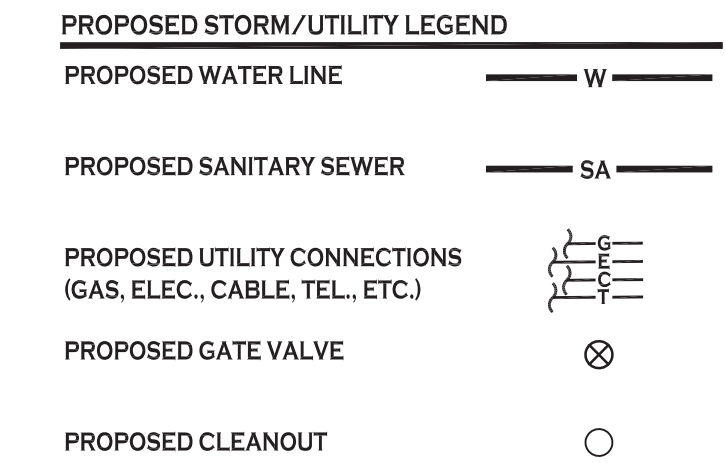
NYS DEPT. AUDIT & CONTROL NOW OR FORMERLY SBL # 71.13-1-6

SBL # 71.13-2-16
NOW OR FORMERLY
CHRISTIAN COUNSELING

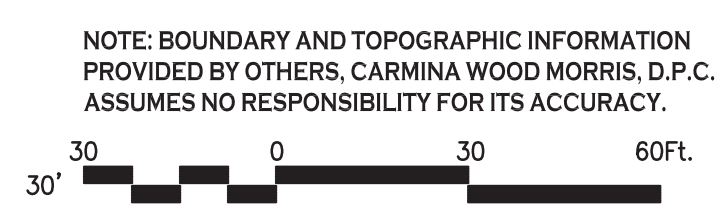
SEPTIC SYSTEM DESIGN ELEVATIONS	SEPTIC SYSTEM LEGEND:
S.T. INVERT IN = 722.40	S.T. = SEPTIC TANK
S.T. INVERT OUT = 722.15	P.T. = PUMP TANK
P.T. INVERT IN = 723.05	I.T. = INSPECTION TANK
P.T. INVERT OUT = 723.70	D.B. = DISTRIBUTION BOX
D.B. INVERT IN = 723.63	
D.B. INVERT OUT = 723.58	
I.T. INVERT IN = 720.66	
I.T. INVERT OUT = 720.16	
P.S.D.S. DESIGN INFO:	
1. DESIGN FLOW - 961 GPD	
2. PRIMARY TREATMENT - 1,500 GAL. SEPTIC TANK	
3. OUTFALL TREATMENT - O.S.I. OR ZABEL FILTER	
4. SECONDARY TREATMENT - BOTTOMLESS SAND FILTER 20.4'x59' = 1,203 SF PROVIDED (961 GPD @ 0.8 GPD/SF = 1,202 SF REQ'D)	



- UTILITY NOTES:**
- EXISTING WATER, GAS, AND ELECTRIC SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION/SIZE/CONDITION BEFORE CONSTRUCTION.
 - SELECT BACKFILL IS REQUIRED FOR ALL UTILITIES (GAS, WATER, STORM, SANITARY) THAT CROSS THROUGH PAVEMENT AREAS.
 - IF NECESSARY, PROVIDE FITTINGS AND BLOCKING AS NECESSARY AT ALL BENDS IN WATER LINES.
 - A MINIMUM OF 10 FEET HORIZONTAL AND 18 INCHES OF VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER AND WATER SERVICES.
 - ERIE COUNTY WATER AUTHORITY IS TO BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO STARTING THE CONNECTION FOR THE NEW WATER SERVICE.
 - ALL SANITARY SEWER CONSTRUCTION SHALL ADHERE TO ERIE COUNTY DIVISION OF SEWERAGE MANAGEMENT SPECIFICATIONS AND DETAILS, AND ERIE COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS.
 - ALL OTHER REQUIRED PERMITS BY THE STATE OF NEW YORK, ERIE COUNTY, OR TOWN OF CLARENCE ARE THE RESPONSIBILITY OF THE CONTRACTOR.



- WATER NOTE LEGEND**
- 2" CORP. STOP (BY ECWA)
 - 2" TYPE 'K' COPPER DOMESTIC SERVICE (BY ECWA)
 - 2" CURB STOP, VALVE & BOX
 - 2" POLYETHYLENE DOMESTIC SERVICE
 - METER AND RPZ HOT BOX ENCLOSURE SEE DETAIL ON DWG C-401
 - 1" TYPE 'K' COPPER DOMESTIC SERVICE



UTILITY PLAN
SCALE: 1"=30'



REVISIONS:

No.	Description	Date

PROJECT NAME:
New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

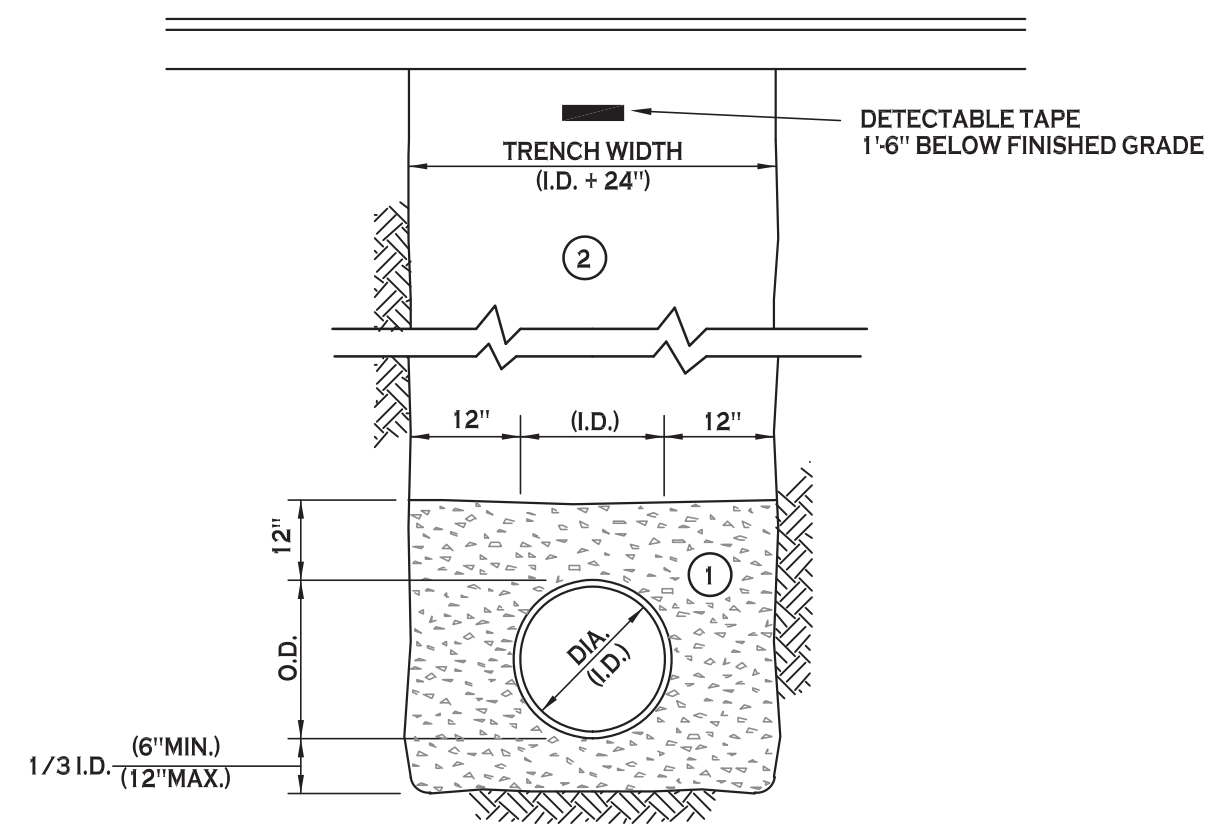
Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Utility Plan

DRAWING NO.:
C-400
Project no.: 19.004

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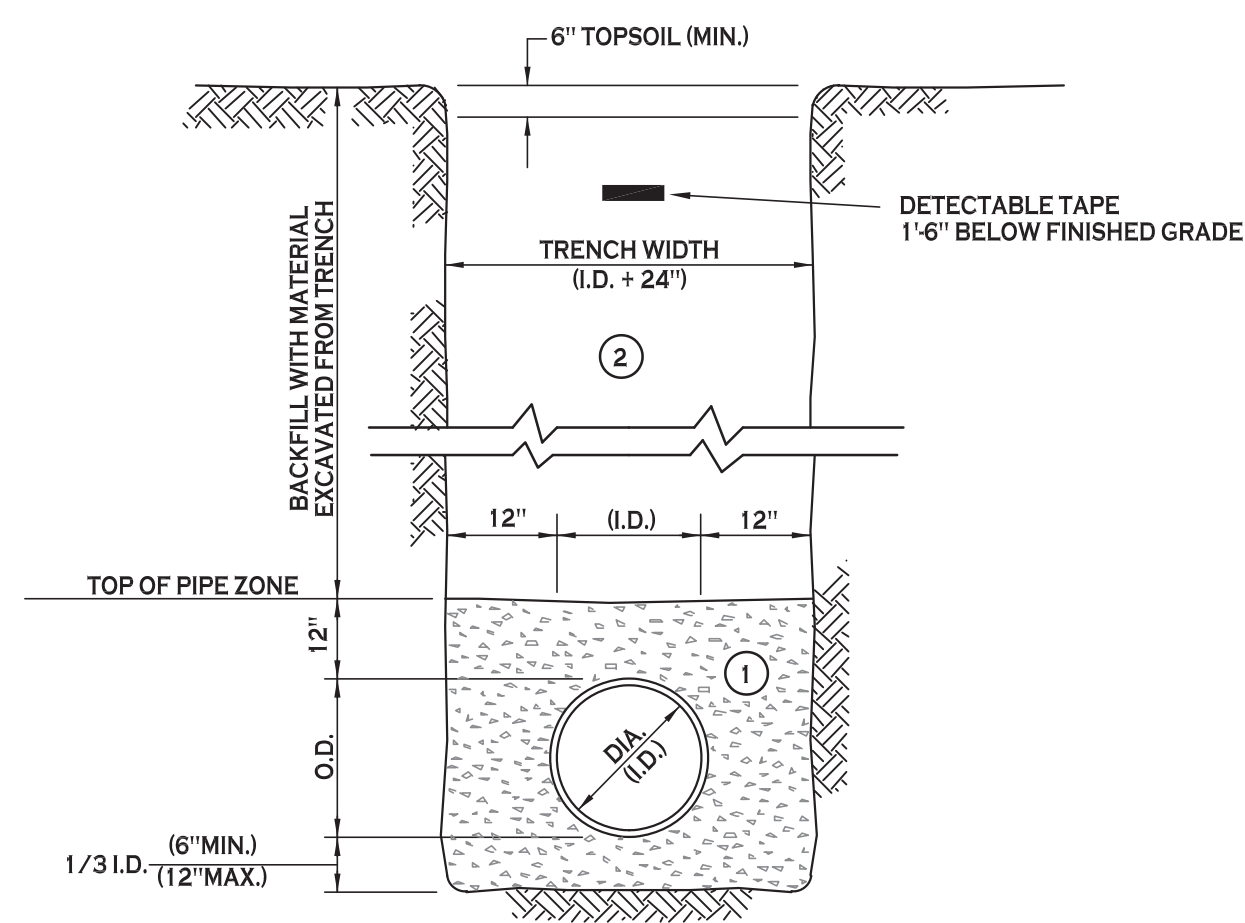
- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

MATERIALS

PIPE BEDDING MATERIAL (INYSOT 1985 EDITION)

- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703.02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 1
- 2 TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 304.2.02 TYPE 2. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN TWO INCHES AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

SEWER/WATERLINE TRENCH SECTION IN PAVED AREAS
NOT TO SCALE



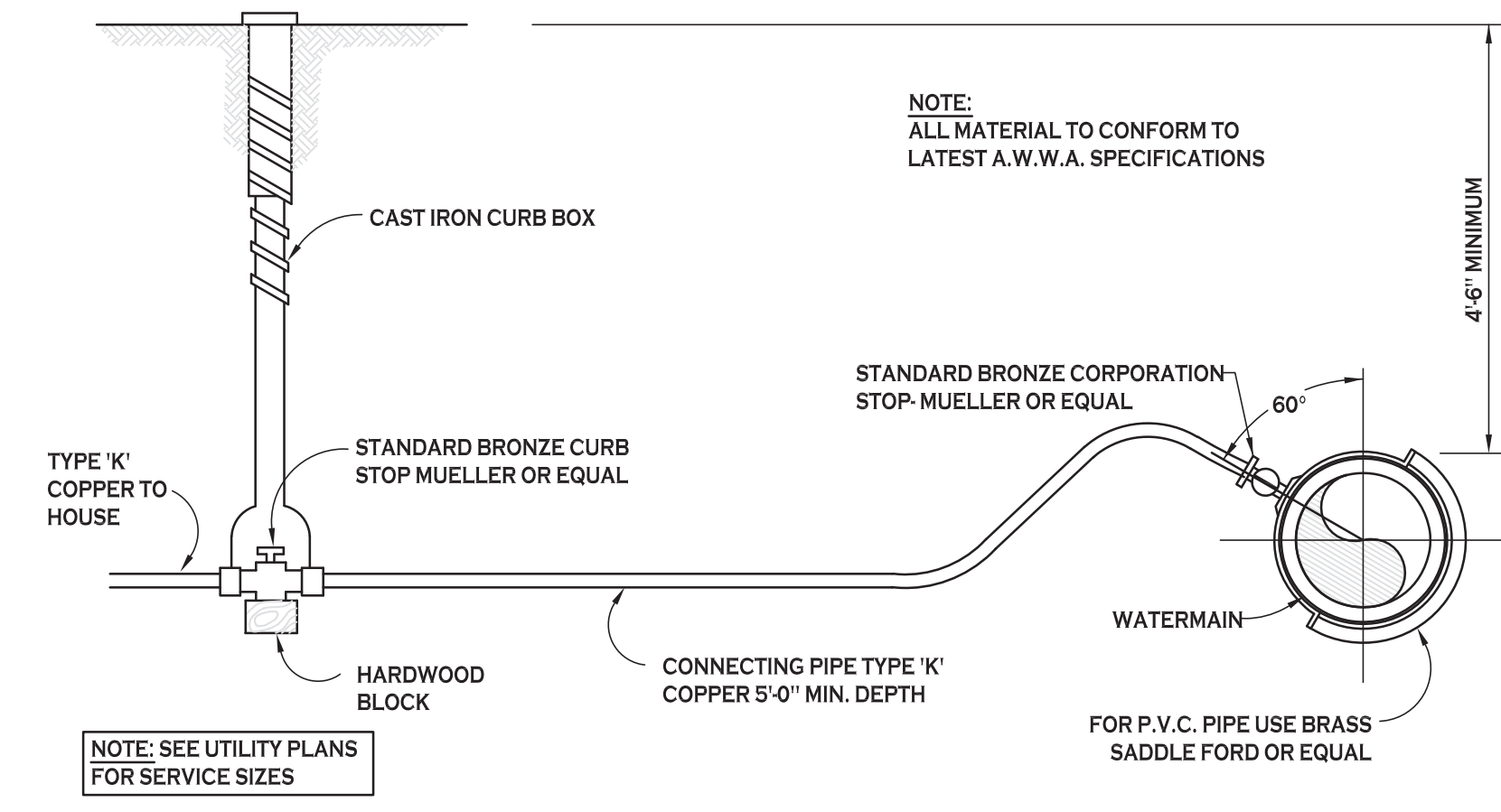
- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
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MATERIALS

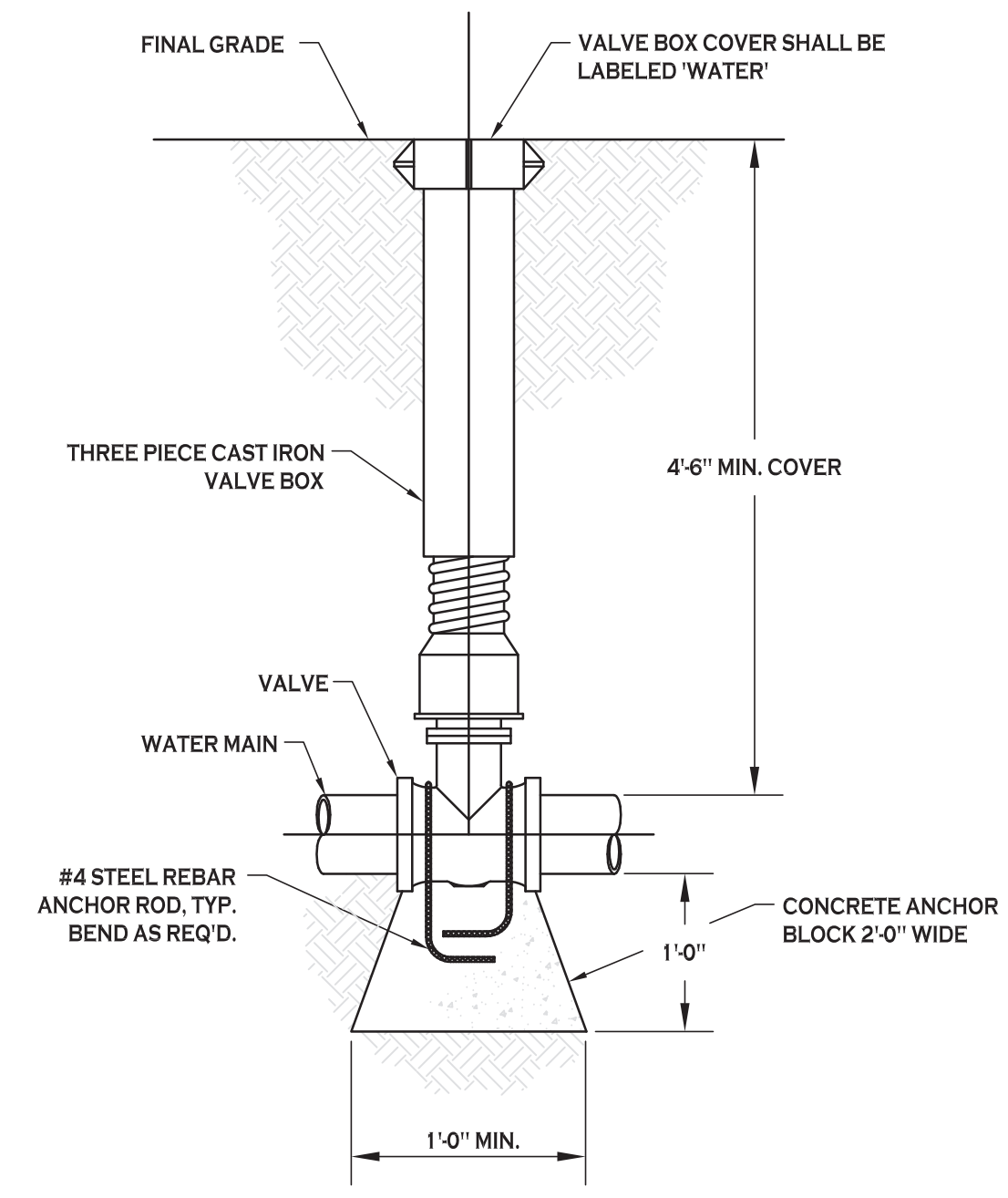
PIPE BEDDING MATERIAL (INYSOT 1985 EDITION)

- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703.02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 1
- 2 BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL. COMPACTED IN 6" LIFTS.

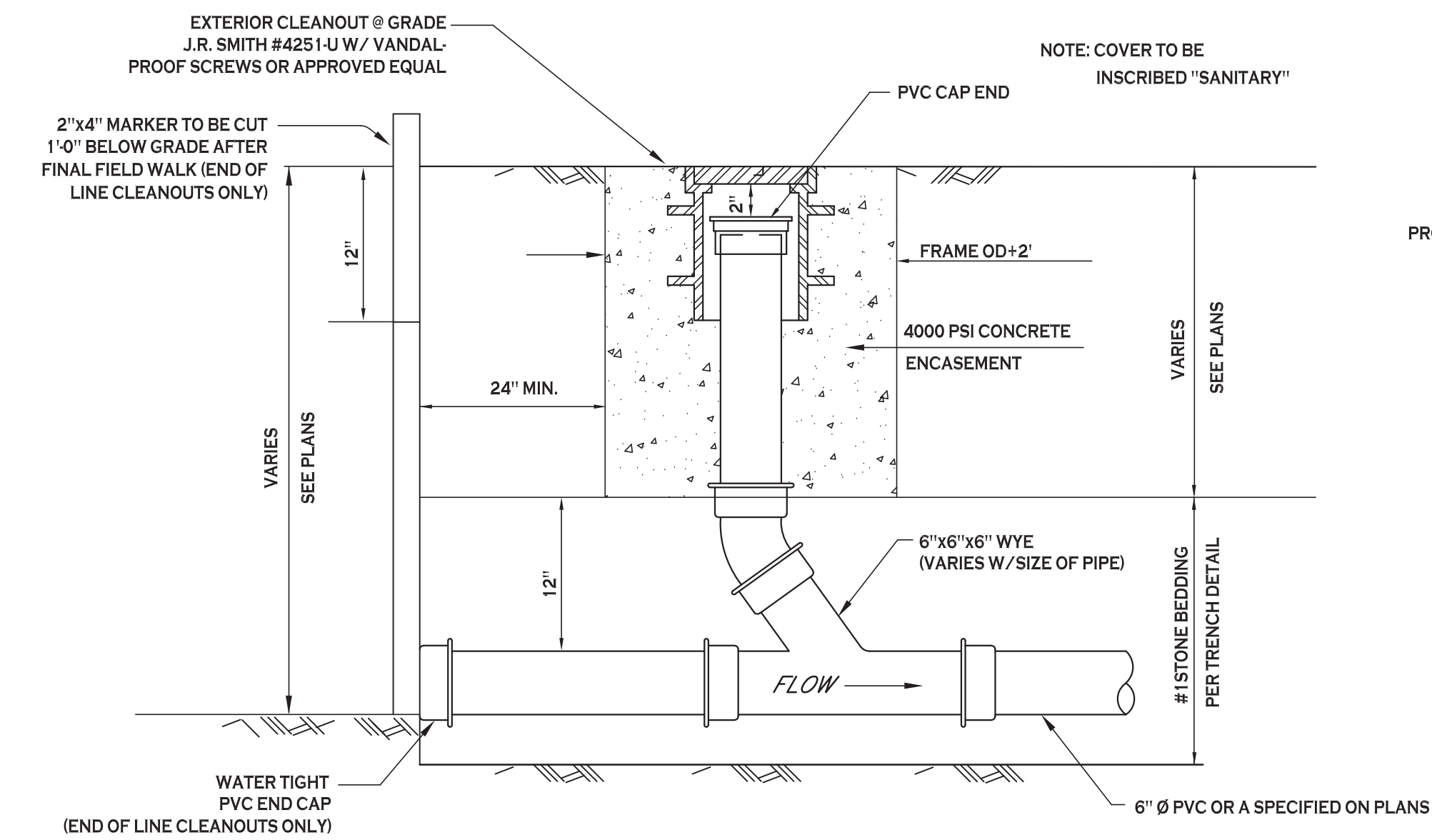
SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS
NOT TO SCALE



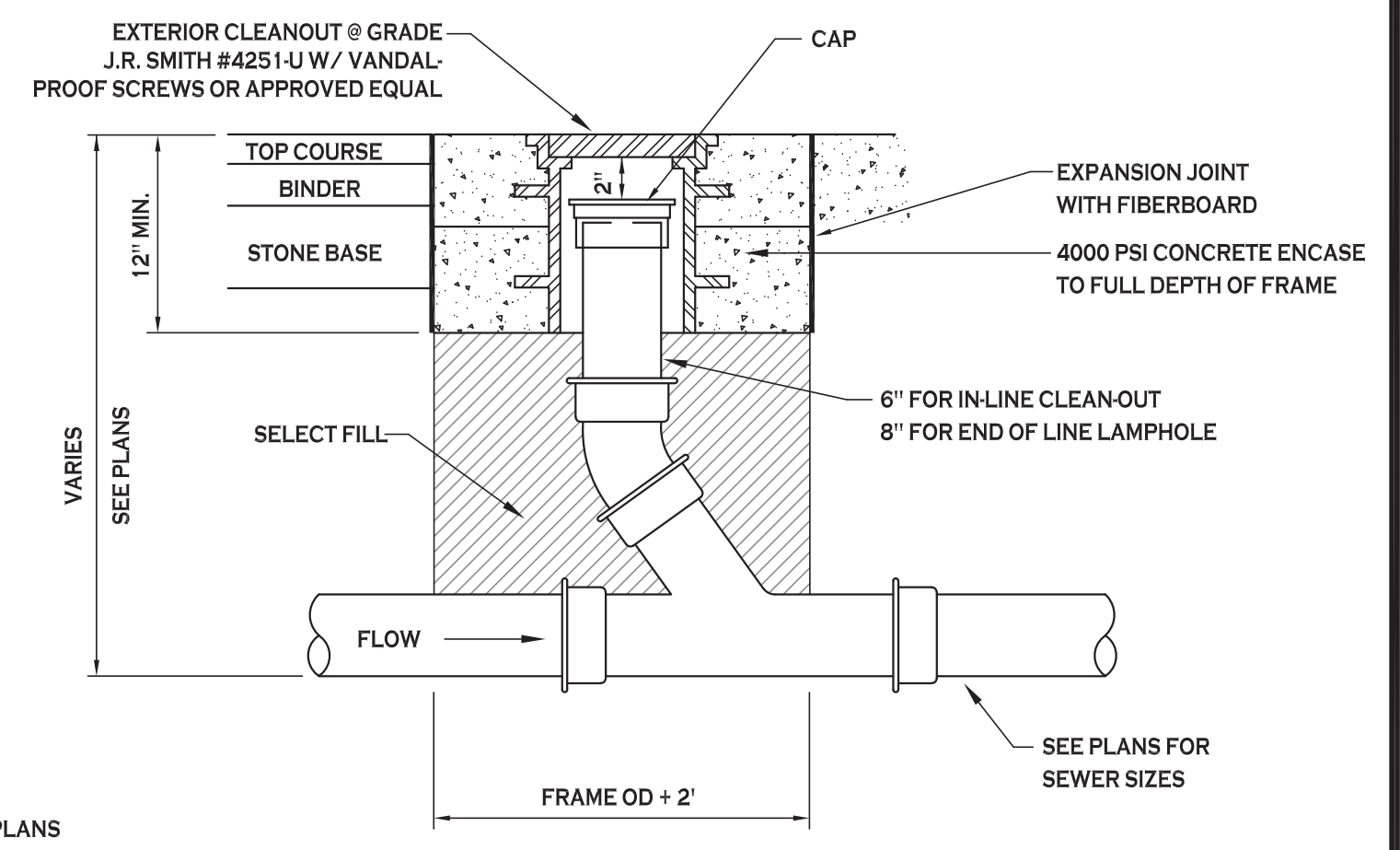
TYPICAL WATER SERVICE LINE INSTALLATION
NOT TO SCALE



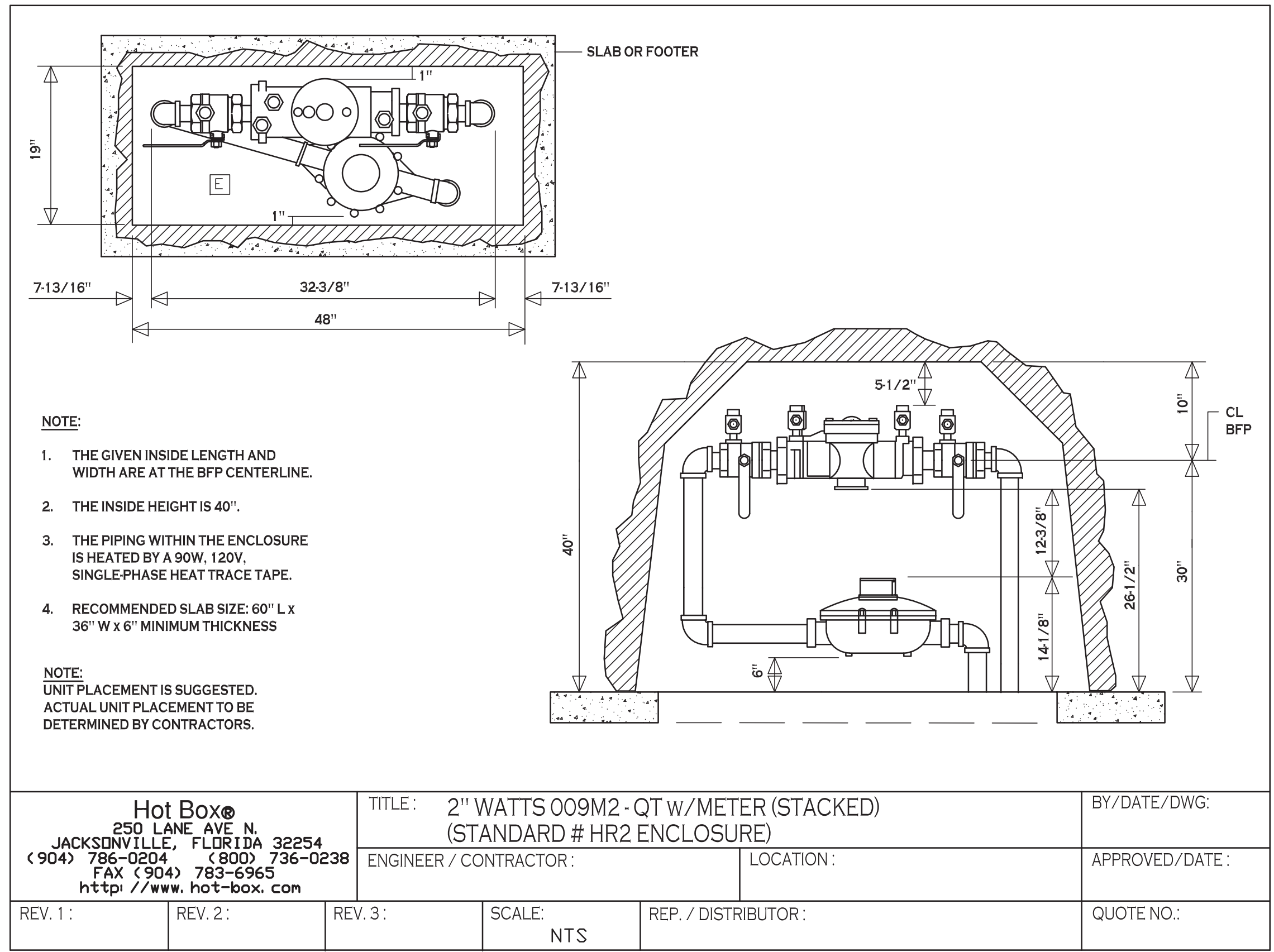
TYPICAL GATE VALVE DETAIL
NOT TO SCALE



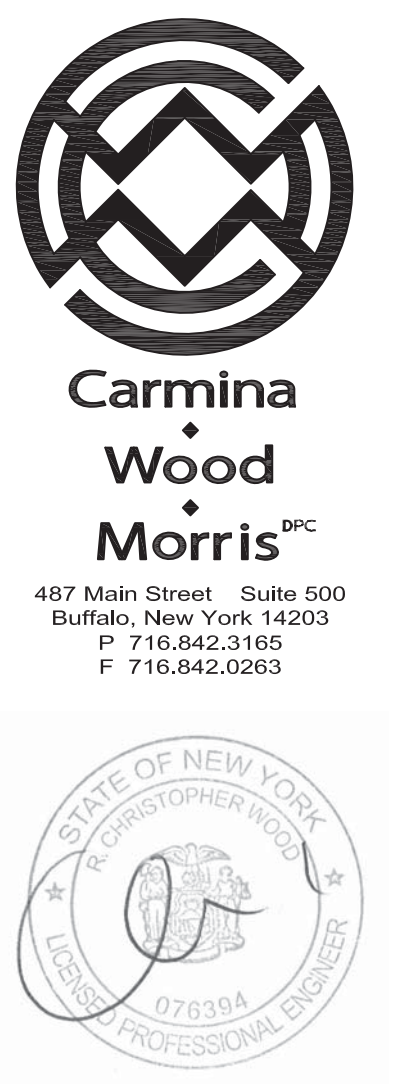
LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS
NOT TO SCALE



LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK
NOT TO SCALE



Hot Box® 250 LANE AVE N. JACKSONVILLE, FLORIDA 32254 (904) 786-0204 (800) 736-0238 FAX (904) 783-6965 http://www.hot-box.com		TITLE: 2" WATTS 009M2 - QT W/METER (STACKED) (STANDARD # HR2 ENCLOSURE) ENGINEER / CONTRACTOR: LOCATION:	BY/DATE/DWG: APPROVED/DATE: QUOTE NO.:
REV. 1:	REV. 2:	SCALE: NTS	REP. / DISTRIBUTOR:



REVISIONS: No. Description Date

PROJECT NAME:
New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

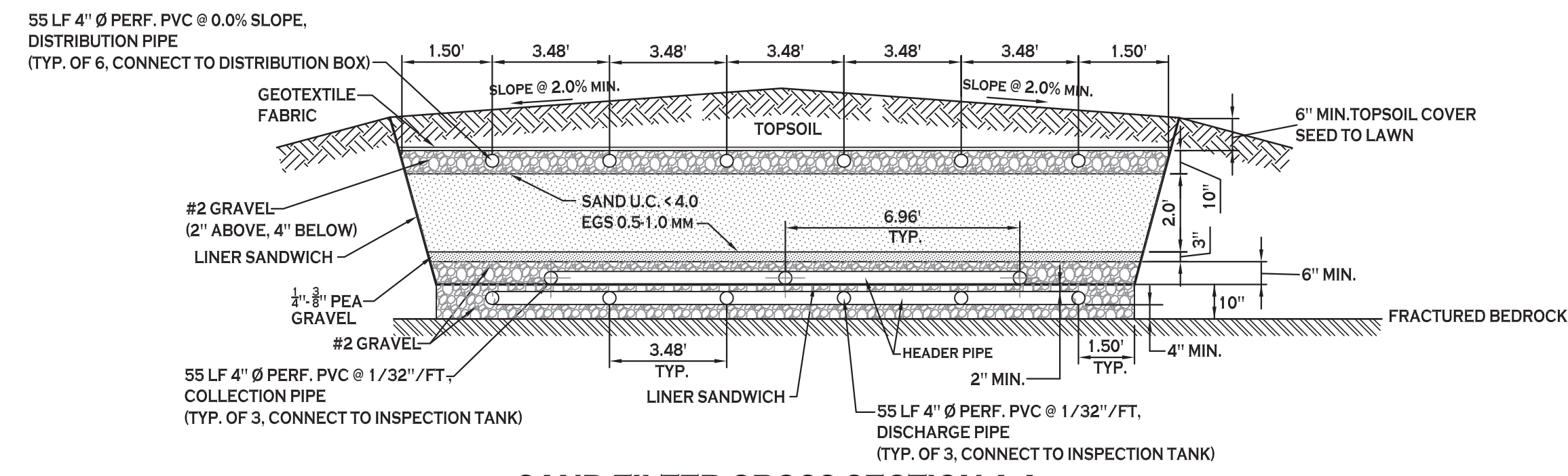
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Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Utility Details

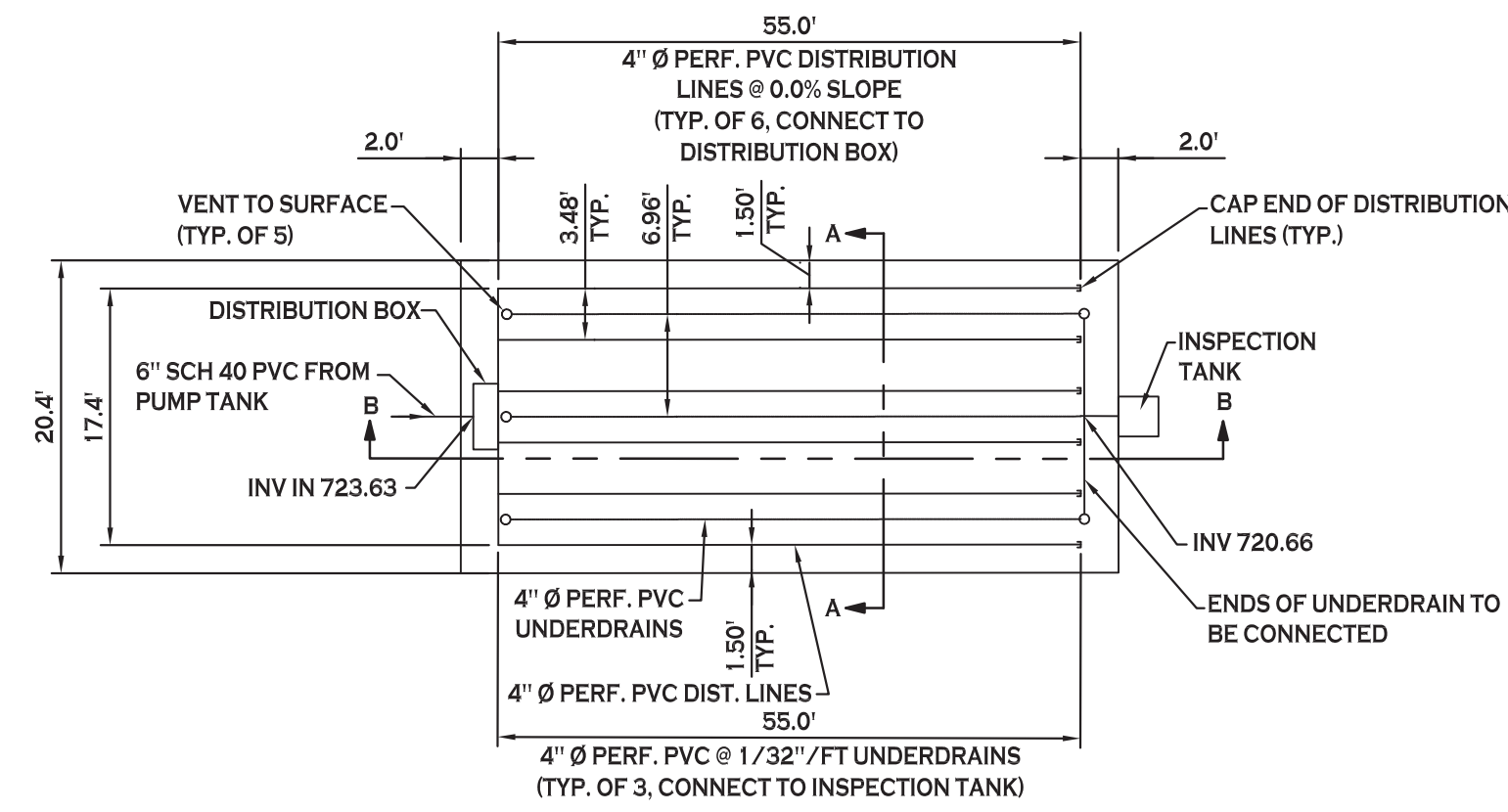
DRAWING NO.
C-401
Project no.: 19.004

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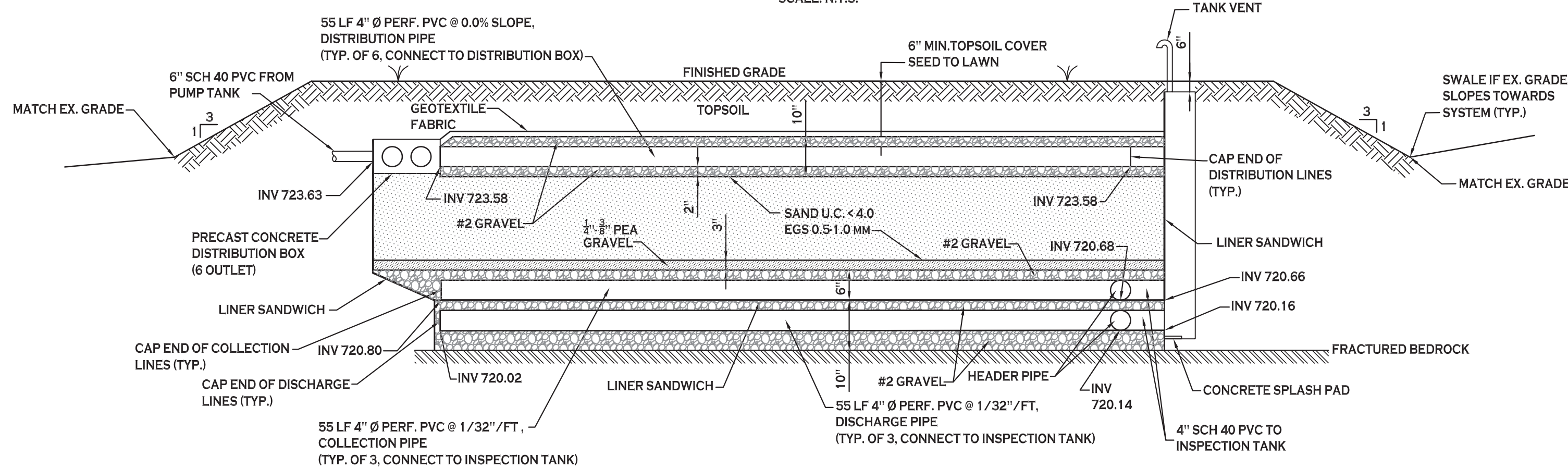
SAND FILTER CROSS SECTION A-A
SCALE: N.T.S.



SAND FILTER PLAN
SCALE: 1"=10'

SAND FILTER NOTES:

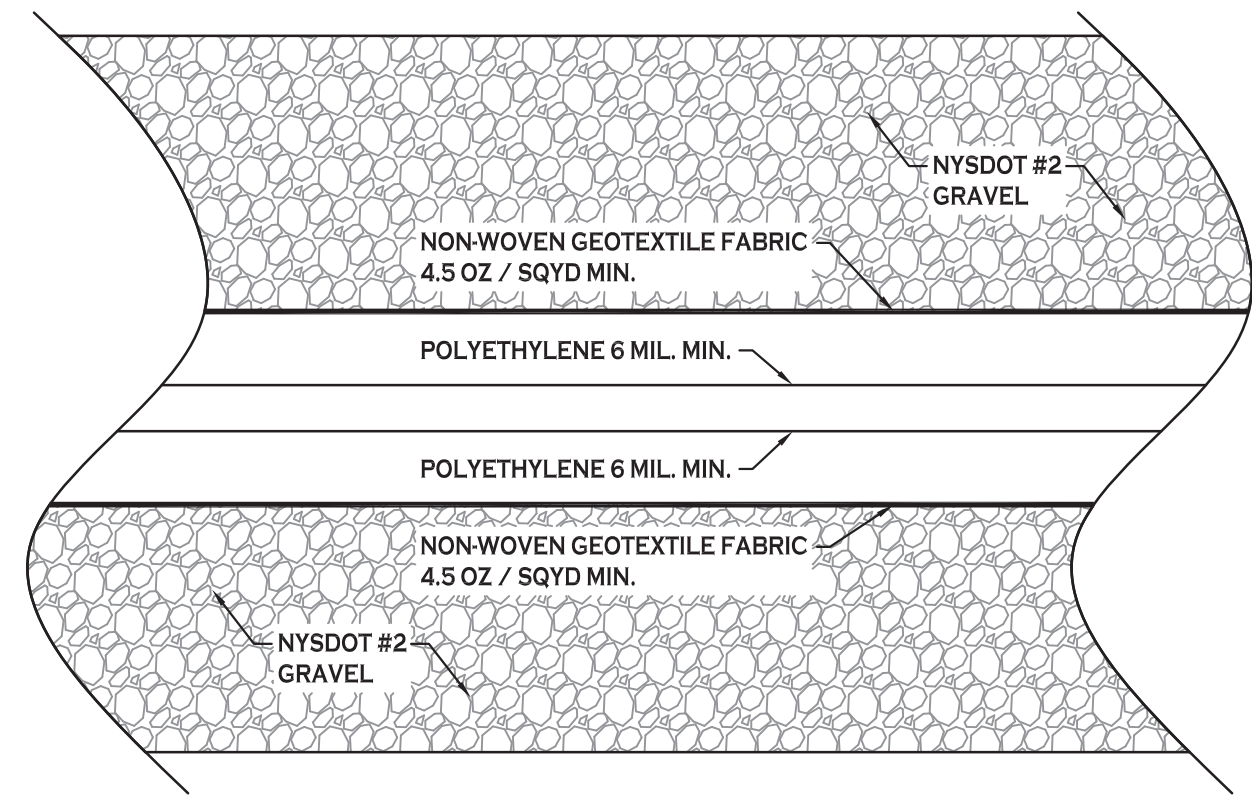
- ALL SAND SHALL BE UNIFORM COARSE TO MEDIUM SAND (< 4% PASSING #200 SIEVE). ALL PASSING 1/4 INCH SIEVE, HAVE A EFFECTIVE GRAIN SIZE (EGS) BETWEEN 0.25 - 1.00 MM, AN UNIFORMITY COEFFICIENT (UC) <= 4.
- SEAL PENETRATIONS AND SEAMS OF LINER SANDWICH WATER TIGHT.
- TOP OF SAND FILTER SHALL BE SLOPED TO DRAIN. AREAS AROUND THE FILTER SHALL BE GRADED TO DIVERT WATER AWAY.
- ALL HEAVY EQUIPMENT SHALL BE KEPT OFF THE SAND FILTER AREA FOLLOWING CONSTRUCTION.
- DEPENDING ON DEPTH OF HIGH WATER MARK OR BEDROCK OR THE EXISTING TOPOGRAPHY, THE ENTIRE FILTER MAY BE ADJUSTED UP OR DOWN. ALL REQUIRED CLEARANCES AND MINIMUM SLOPES MUST BE MAINTAINED. IF ADJUSTMENTS ARE MADE TO THE FILTER, THE ENGINEER SHALL BE NOTIFIED PRIOR TO START OF INSTALLATION.



SAND FILTER SECTION B-B
SCALE: N.T.S.

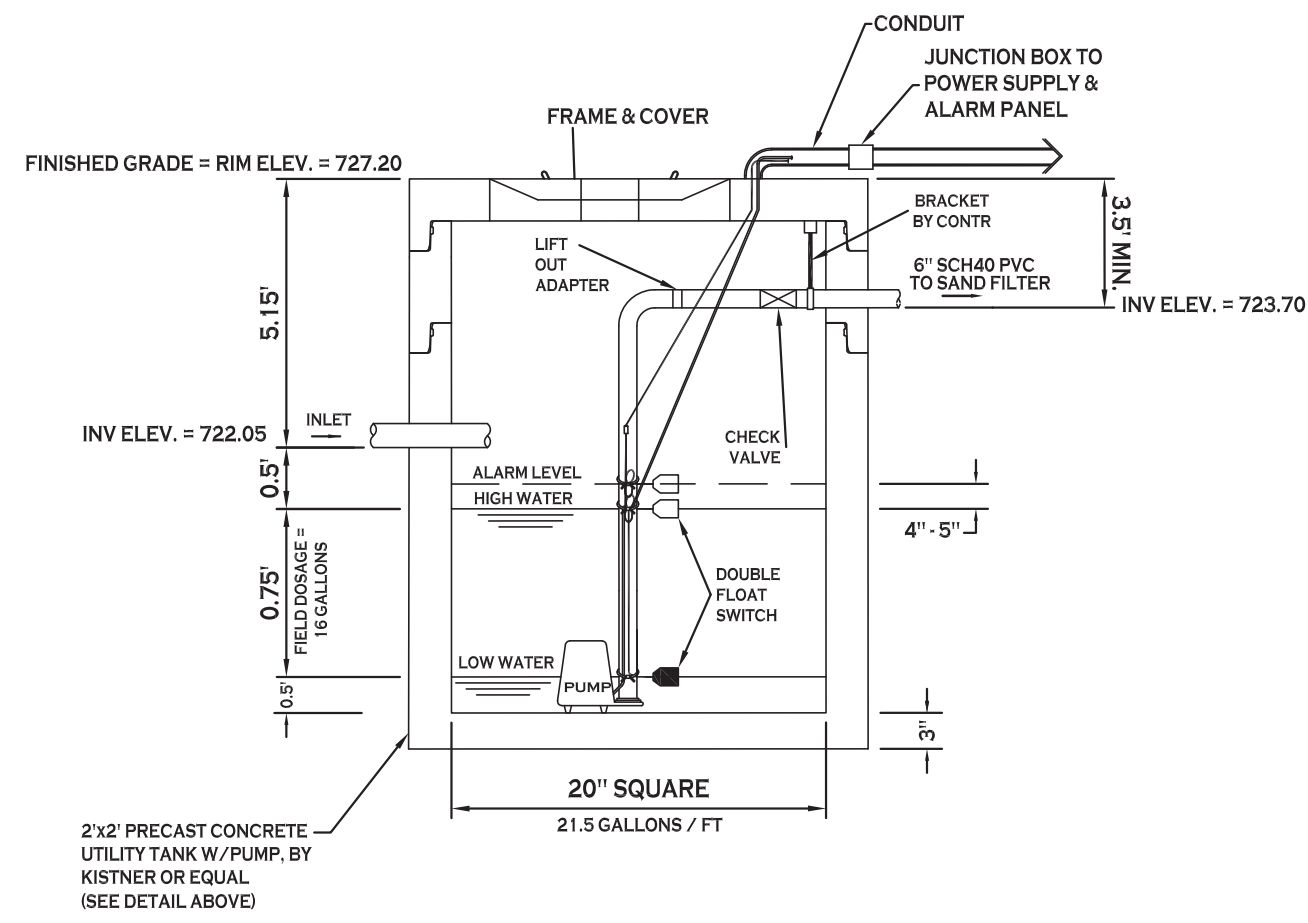
ERIE COUNTY HEALTH DEPARTMENT NOTES

- THE EXCAVATED ROCK AREA MUST BE TESTED FOR ROCK INFILTRATION CAPACITY BY DISCHARGING A GARDEN HOSE RUNNING AS FULL AS POSSIBLE FOR A MINIMUM OF 30 MINUTES. WATER SHALL NOT ACCUMULATE. OR, IF THE ABOVE IS NOT POSSIBLE, FILL THE EXCAVATION WITH 2' OF HAULED WATER AND RECORD THE DRAINAGE RATE, WHICH MUST BE 30 MINUTES OR LESS TO DROP 1 INCH. AN EFFORT MUST BE MADE TO CLEAR SUFFICIENT DEBRIS TO OBSERVE BEDROCK SURFACE OVER THE EXTENT OF THE EXCAVATION.
- SAND FILTER TO BE SIZED AS NORMAL EXCEPT THAT 0.8 GPD/SF APPLICATION RATE SHALL BE USED.
- THE DOWNSTREAM ABSORPTION SYSTEM (DISCHARGE LINES) WILL BE CONSTRUCTED BENEATH THE SAND FILTER AS SHOWN IN THE SECTION.
- MINIMUM OF 4" OF #2 GRAVEL SHALL BE PLACED BETWEEN THE EXCAVATED BEDROCK AND DISCHARGE LINES. A MINIMUM OF 2" OF #2 GRAVEL SHALL BE PLACED ON TOP OF THE DISCHARGE LINES PER THE SECTION.
- THE SAND FILTER MUST BE LINED WITH THE "LINER SANDWICH" CONSTRUCTED BETWEEN THE DOWNSTREAM ABSORPTION SYSTEM AND THE SAND FILTER AS FOLLOWS:
 - TOP LAYER: NON-WOVEN GEOTEXTILE - TERRATEX 4.5 OR APPROVED EQUAL
 - 6 MIL. POLYETHYLENE
 - 6 MIL. POLYETHYLENE
 - BOTTOM LAYER: NON-WOVEN GEOTEXTILE - TERRATEX 4.5 OR APPROVED EQUAL
- SLOPE LINER AT OUTSIDE EDGES TOWARDS THE COLLECTION LINES TO CHANNEL WATER TO COLLECTORS.
- PIPE INTRUSIONS - USE FERNCO COUPLINGS OR APPROVED EQUAL.
- INSPECTION TANK VENT PIPE SHALL BE OPEN GRATED AND EXPOSED TO THE ATMOSPHERE AT ALL TIMES. CAPPING OR BURYING THE VENT COULD RESULT IN A FINE. OPEN GRATE VENT PIPE MUST BE A MINIMUM OF 1/2' ABOVE THE GROUND SURFACE.
- THE TOP ON THE INSPECTION TANK MUST BE LOCATED A MAXIMUM OF 3" BELOW GRADE. IF AT OR ABOVE GRADE, A LOCKABLE COVER SHALL BE PROVIDED.



LINER SANDWICH DETAIL

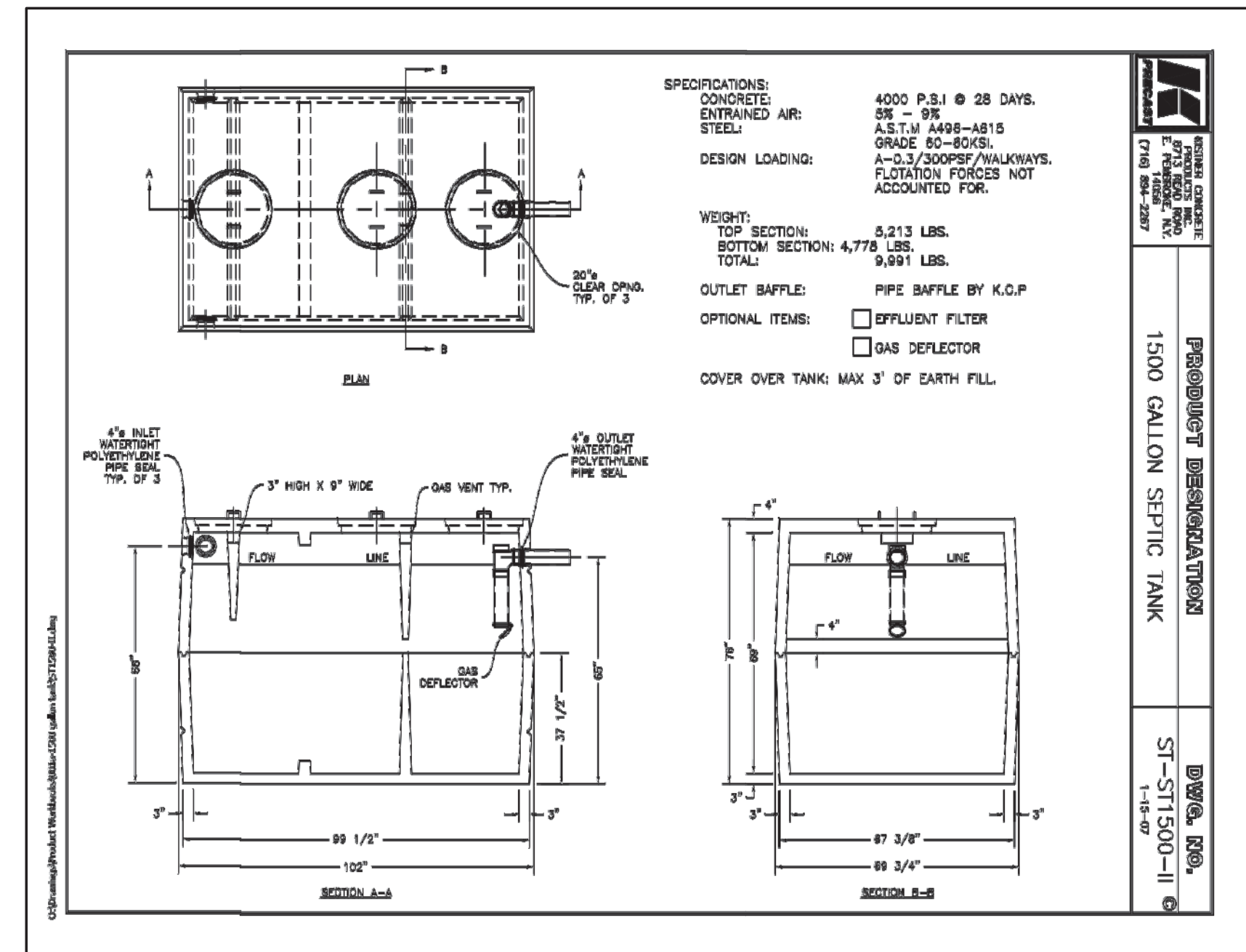
NOTE: LINER SANDWICH EXPLODED VIEW FOR CLARITY. NO VOID SPACE SHALL BE PERMITTED BETWEEN LAYERS



PUMP TANK
NOT TO SCALE

NOTES:

- ALL PUMP SYSTEMS SHALL BE SUPPLIED & INSTALLED COMPLETE WITH ALL NECESSARY ELECTRICAL DEVICES, CONTROLS AND AUDIO/VISUAL ALARMS.
- TANKS SHALL HAVE EXTERIOR BITUMASTIC COATING.
- INSTALL OSHA APPROVED STAIRS IN TANK IN LOCATION THAT DOES NOT INTERFERE WITH PUMP OPERATION.
- PUMP CONTROL PANEL TO BE INSTALLED ON PRESSURE TREATED POST OR IN OTHER LOCATION WHERE VISIBLE, COORDINATE WITH OWNER.
- THE PUMP SHALL BE INSTALLED IN A 2' x 2' INSPECTION TANK WITH THE FLOATS SET PER THE DETAIL SHOWN. THE ACCESS HATCH SHALL BE EXTENDED TO BE FLUSH WITH FINISHED GRADE.



Carmina Wood Morris DPC
487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS: No. Description Date

PROJECT NAME:

New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Utility Details

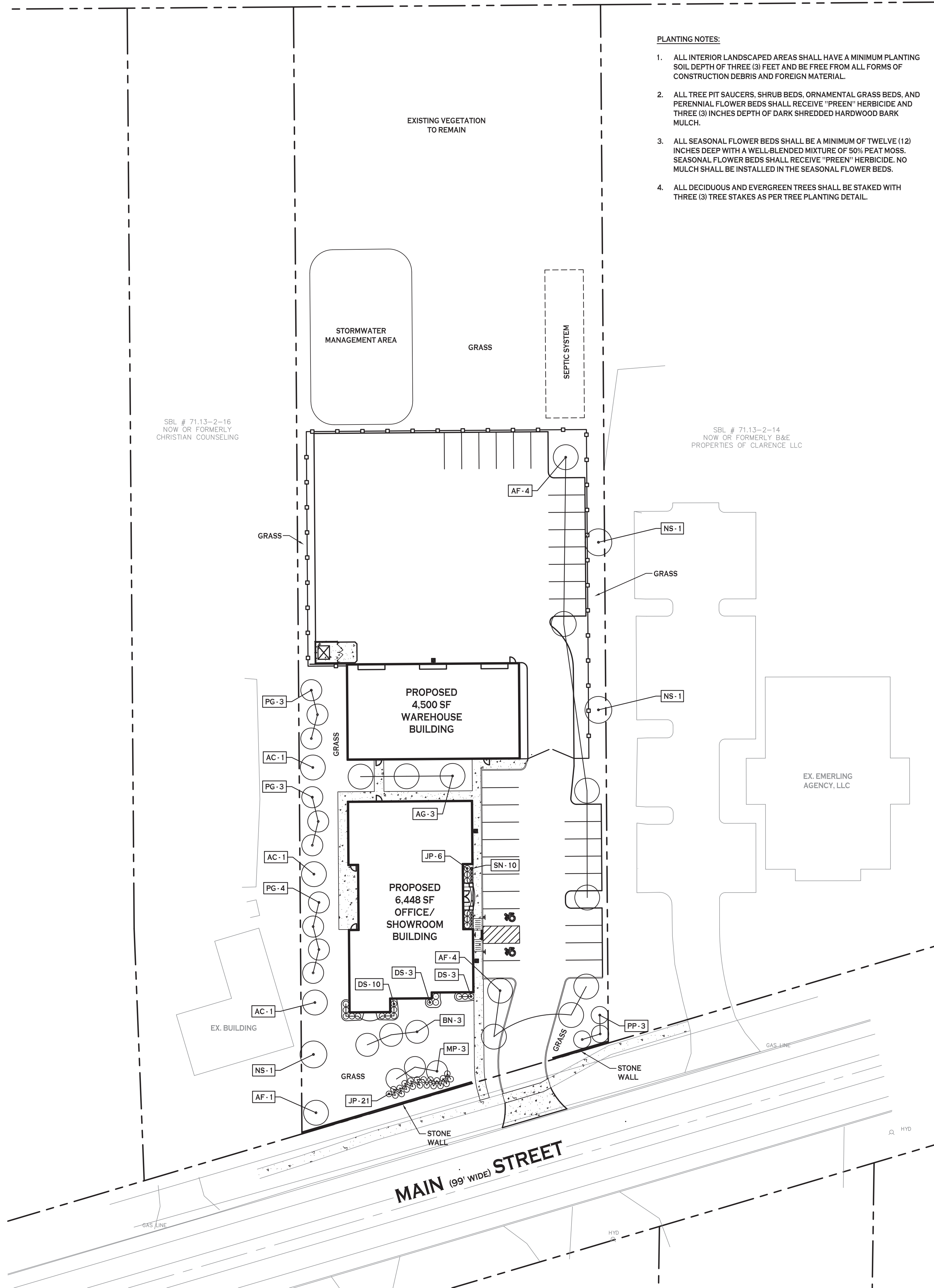
DRAWING NO.:
C-402

Project no.: 19.004

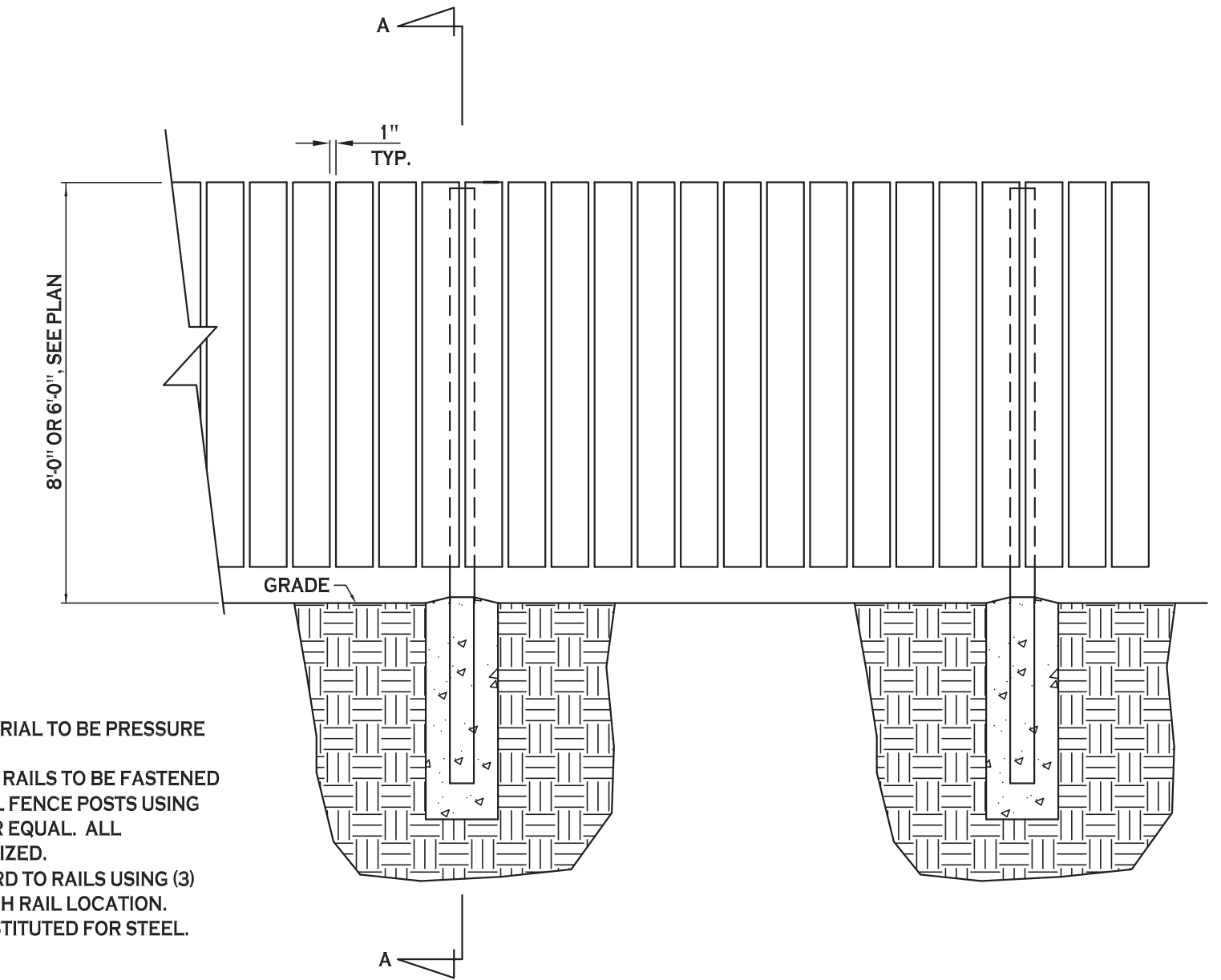
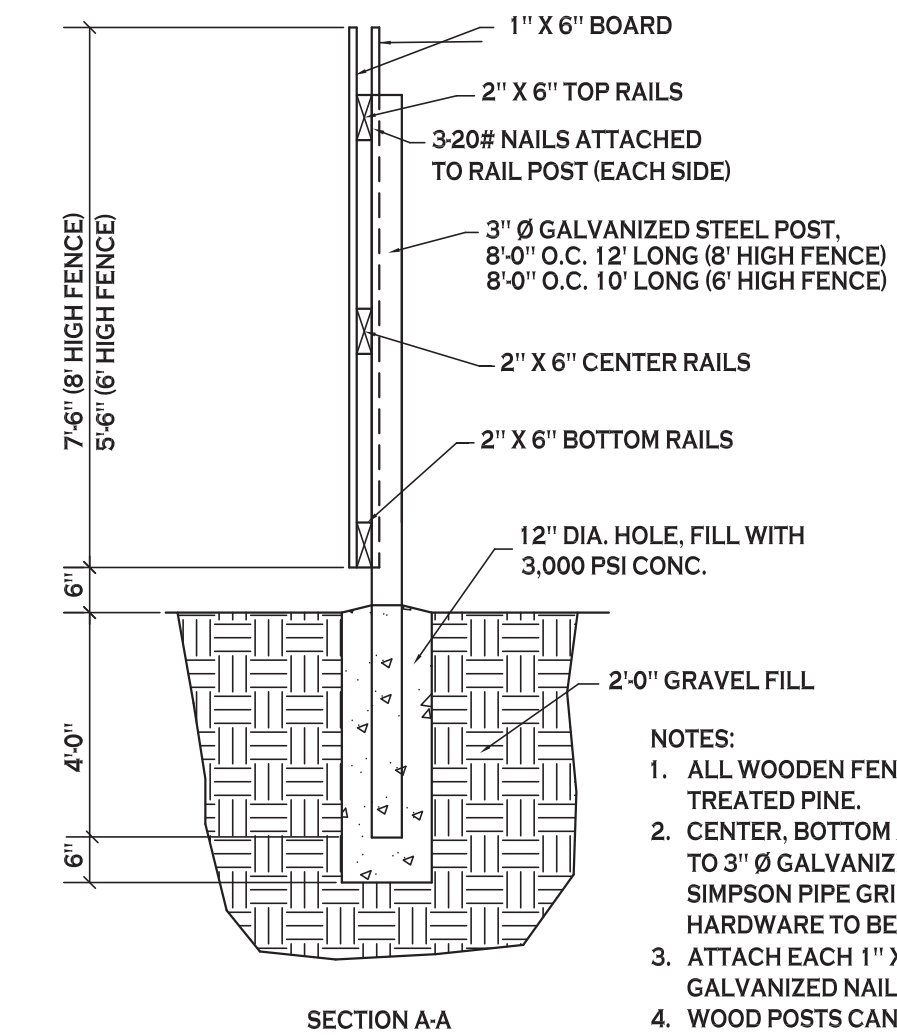
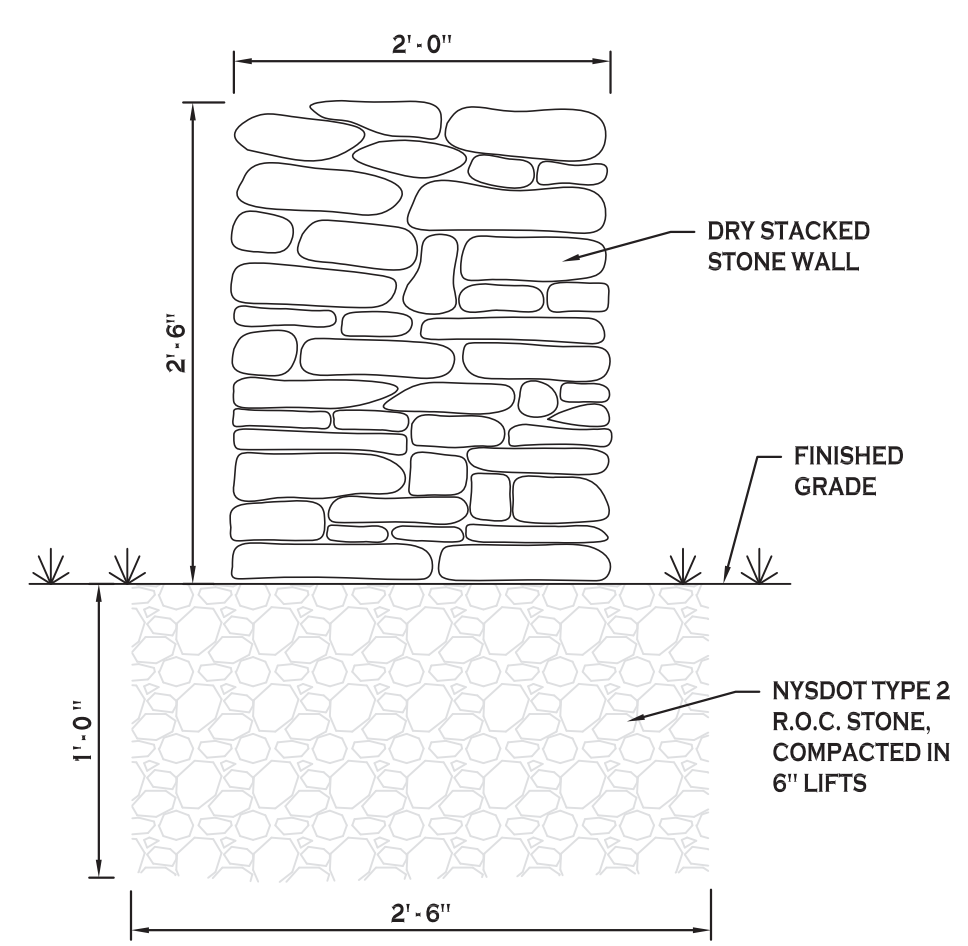
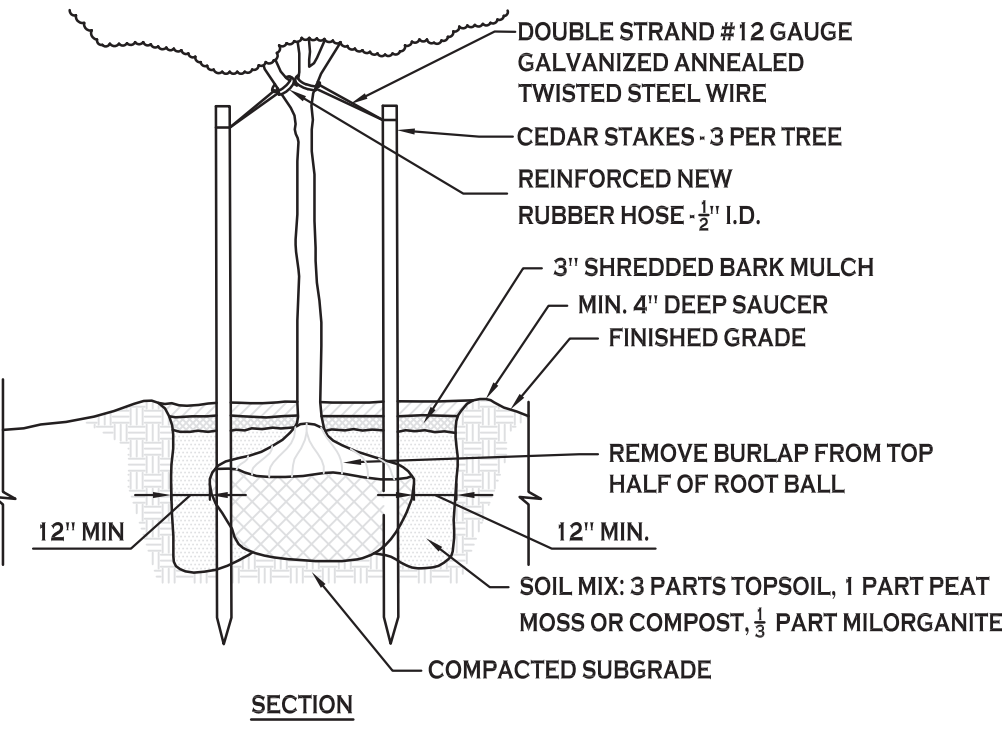
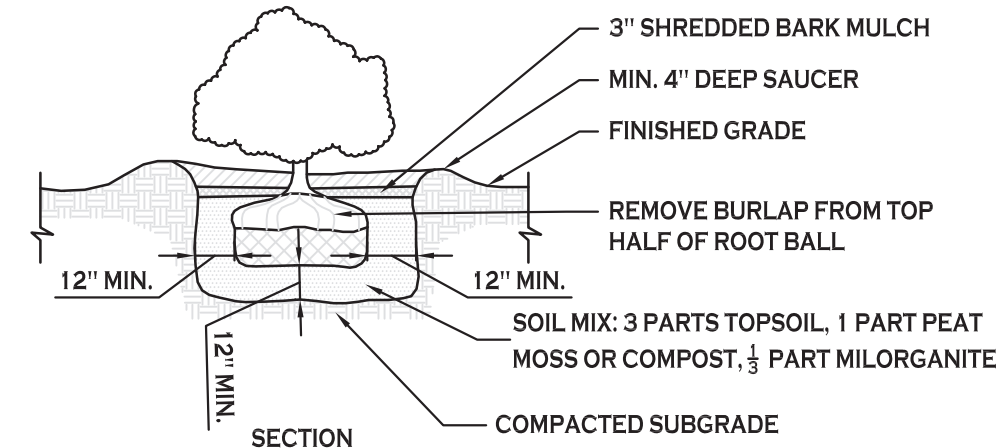
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- PLANTING NOTES:**
- ALL INTERIOR LANDSCAPED AREAS SHALL HAVE A MINIMUM PLANTING SOIL DEPTH OF THREE (3) FEET AND BE FREE FROM ALL FORMS OF CONSTRUCTION DEBRIS AND FOREIGN MATERIAL.
 - ALL TREE PIT SAUCERS, SHRUB BEDS, ORNAMENTAL GRASS BEDS, AND PERENNIAL FLOWER BEDS SHALL RECEIVE "PREEN" HERBICIDE AND THREE (3) INCHES DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH.
 - ALL SEASONAL FLOWER BEDS SHALL BE A MINIMUM OF TWELVE (12) INCHES DEEP WITH A WELL-BLENDED MIXTURE OF 50% PEAT MOSS, SEASONAL FLOWER BEDS SHALL RECEIVE "PREEN" HERBICIDE. NO MULCH SHALL BE INSTALLED IN THE SEASONAL FLOWER BEDS.
 - ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.



- NOTES:**
- ALL WOODEN FENCE MATERIAL TO BE PRESSURE TREATED PINE.
 - CENTER, BOTTOM AND TOP RAILS TO BE FASTENED TO 3" Ø GALVANIZED STEEL FENCE POSTS USING SIMPSON PIPE GRIP TIES OR EQUAL. ALL HARDWARE TO BE GALVANIZED.
 - ATTACH EACH 1" X 6" BOARD TO RAILS USING (3) GALVANIZED NAILS AT EACH RAIL LOCATION.
 - WOOD POSTS CAN BE SUBSTITUTED FOR STEEL.

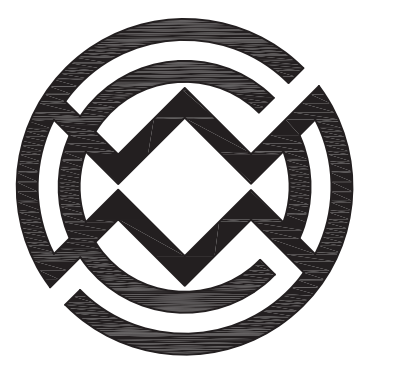
PLANTING SCHEDULE - PROPOSED OFFICE & WAREHOUSE BLDG/ 9074 MAIN STREET, CLARENCE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
DECIDUOUS TREES					
AF	9	ACER x FREEMANII "JEFFERSRED"	AUTUMN BLAZE MAPLE	2.5" - 3" CAL.	B&B
BN	3	BETULA NIGRA "CULLY"	HERITAGE BIRCH	10"-12" HIGH	B&B, MULTI-STEM
NS	3	NYSSA SYLVATICA "WILDFIRE"	WILDFIRE BLACK GUM	2 1/2" - 3" CAL.	B&B
SMALL/ORNAMENTAL TREES					
AC	3	AMELANCHIER CANADENSIS	SERVICEBERRY	8' - 10' HIGH	B&B; MULTI-STEM
AG	3	AMELANCHIER GRANDIFLORA "AUTUMN BRILLIANCE"	AUTUMN BRILLIANCE SERVICEBERRY	1-3/4" - 2" CAL.	B&B
MP	3	MALUS x "PRAIRIFIRE"	PRAIRIFIRE CRABAPPLE	1 3/4" - 2" CAL.	B&B
EVERGREEN TREES					
PG	10	PICEA GLAUCA	WHITE SPRUCE	5' - 6' HT.	B&B; FULL TO GROUND
PP	3	PICEA PUNGENS "GLAUCA"	COLORADO BLUE SPRUCE	5' - 6' HT.	B&B; FULL TO GROUND
SHRUBS					
DS	16	DIERVILLA SPLENDENS "G2X885411"	KODIAK RED DIERVILLA	18" HIGH MIN.	5 GAL. CONT.
JP	27	JUNIPERUS X PFITZERIANA "SAYBROOK GOLD"	SAYBROOK GOLD JUNIPER	18" HIGH MIN.	5 GAL. CONT.
PERENNIALS					
SN	10	SALVIA x NEMEROSA "BALYRICLU"	LYRICAL BLUE MEADOW SAGE	NO.2 CONT.	

- PLANTING NOTES:**
- ALL PLANTING BEDS AND TREES SHALL RECEIVE A MINIMUM 3/4" DEPTH OF SHREDDED HARDWOOD BARK MULCH.
 - ALL SHRUBS SHOULD BE ALLOWED TO GROW FOR AT LEAST TWO YEARS PRIOR TO PRUNING; AFTER TWO YEARS PRUNE ONLY AS NECESSARY AND SELECTIVELY PRUNE TO MAINTAIN SHAPE - DO NOT SHEAR INTO UNNATURAL SHAPES.

LANDSCAPE PLAN
SCALE: 1"=30'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



Carmina Wood Morris
487 Main Street Suite 500
Clarence, NY 14032



ROBERT C. WALTER, RLA
REGISTERED LANDSCAPE ARCHITECT
MEMBER AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS
2765 DODGE ROAD, EAST AMHERST, NY 14051-2113
PHONE: 716-364-5564
RCWLANDSCAPEARCHITECT@GMAIL.COM

REVISIONS: No. Description Date

PROJECT NAME:
New Construction
Office & Warehouse Buildings
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

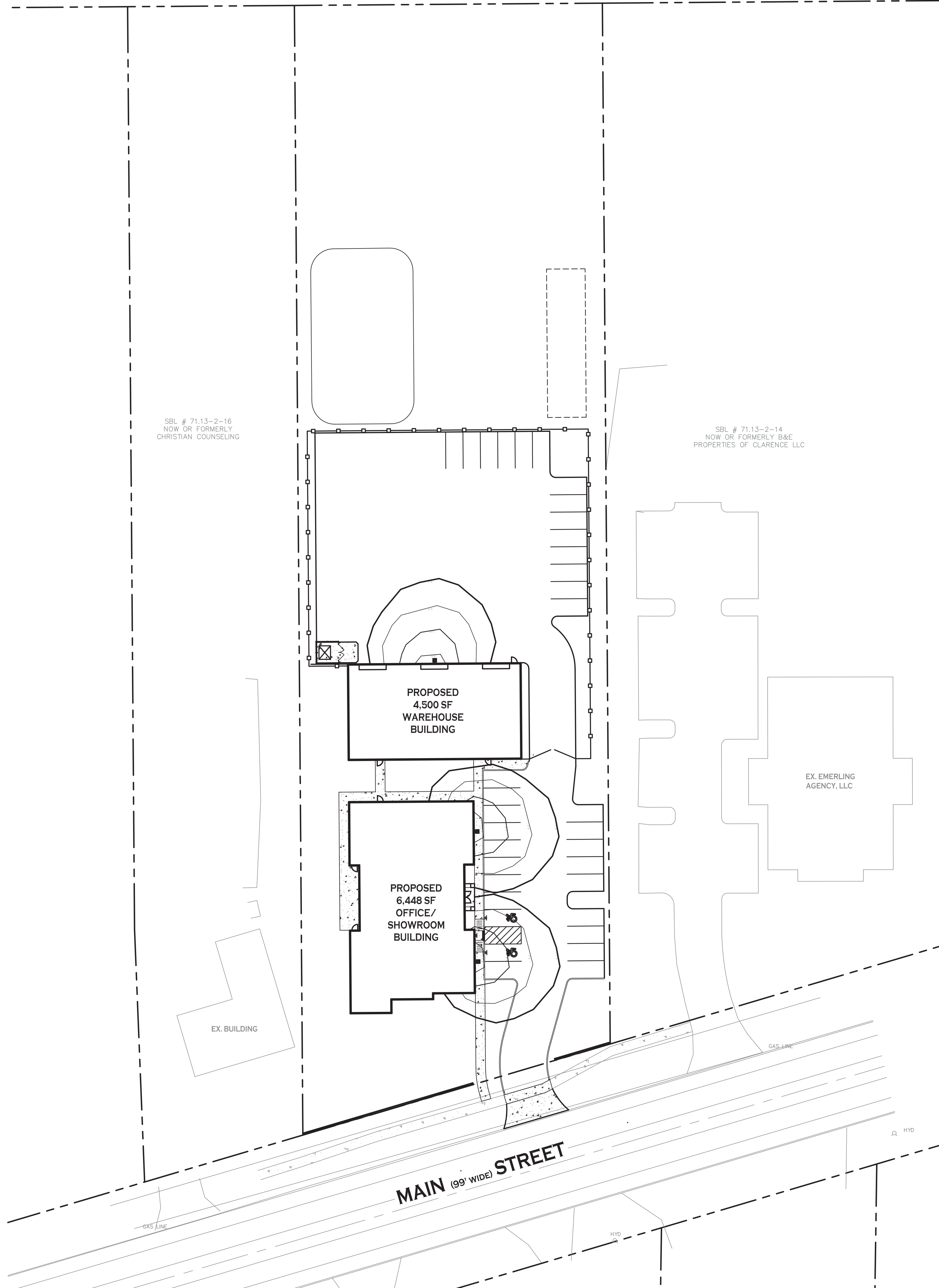
DRAWING NAME:
Landscape Plan

DRAWING NO.:
L-100
Project no.: 19.004

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Luminaire Schedule			
Symbol	Qty	Label	Description
■	3	A	WH4-120NACT4S P 15' MOUNT HEIGHT



LIGHTING PLAN

SCALE: 1"=30'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



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Wood
Morris** ^{DPC}

487 Main Street Suite 500
Buffalo, New York 14203
P 716.842.3165
F 716.842.0263



REVISIONS:
No. Description Date

PROJECT NAME:
New Construction

Office & Warehouse Buildings
9074 Main Street
Clarence, New York

Date: 8/20/19
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NAME:
Lighting Plan

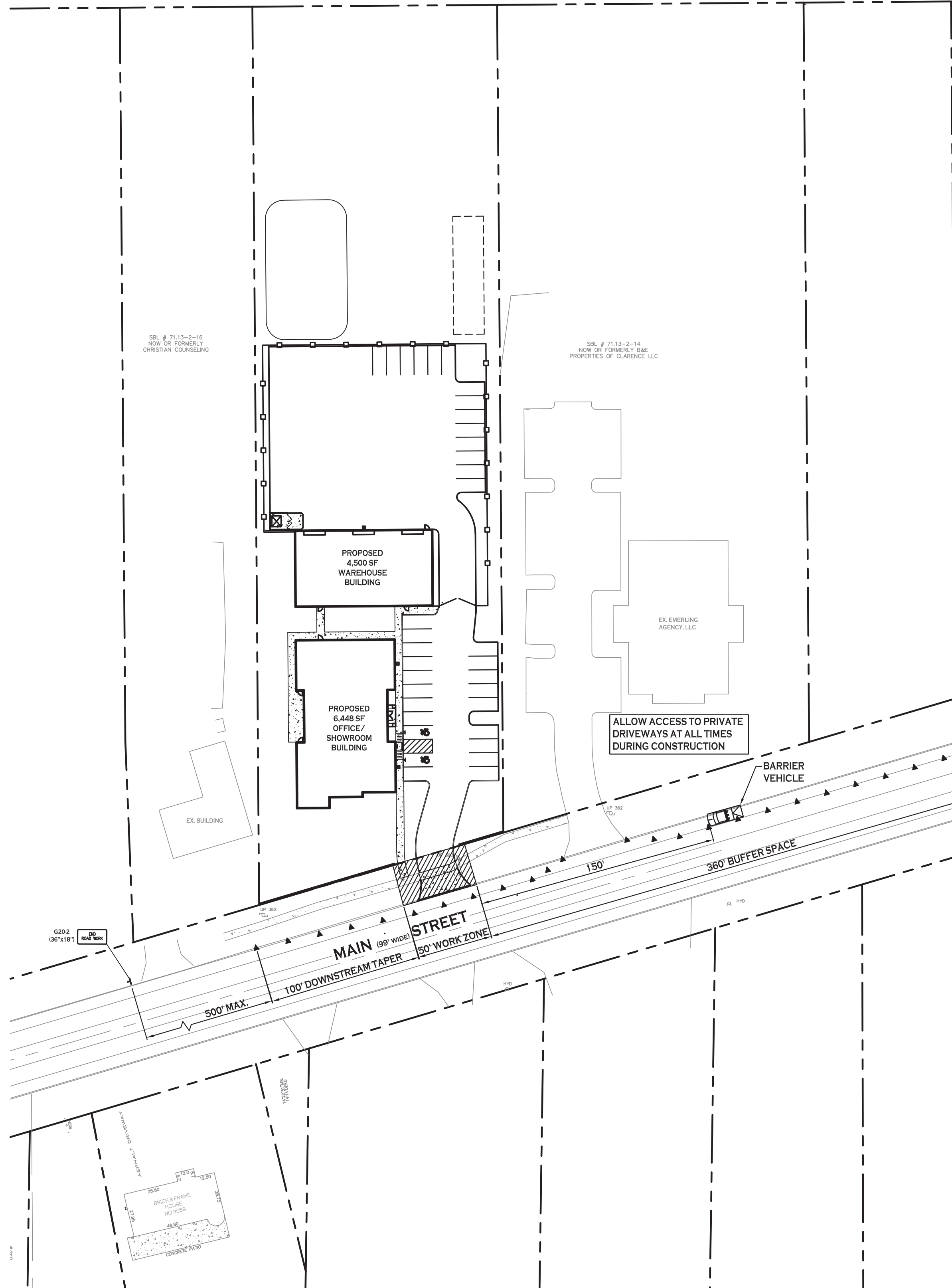
DRAWING NO.
LP-100

Project no.: 19.004

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NYS DEPT. ALDOT & CONTROL NOW OR FORMERLY SEE # 71.13-1-6



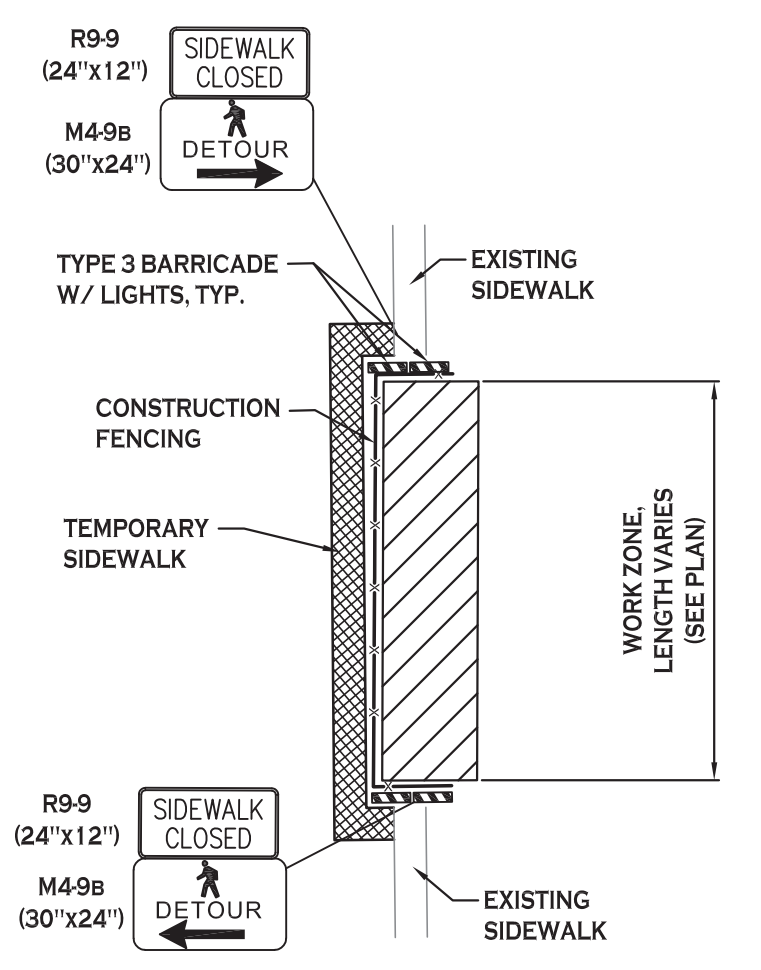
NOTE: WORK PERFORMED WITHIN THE NYS DOT R.O.W. MUST BE DONE FROM THE PROPERTY. IF WORK PROTRUDES INTO THE R.O.W. BEYOND THE LIMITS OF THE SHOULDER LANE, A RIGHT LANE CLOSURE MUST BE IMPLEMENTED BASED ON NYS DOT STANDARD SHEET 619-30.

DESIGN IS BASED ON NYS DOT STANDARD SHEET 619-22 FOR SHOULDER HIGHWAY CLOSURE



MAINTENANCE & PROTECTION OF TRAFFIC PLAN

SCALE: 1"=50'



- NOTES:**
- SIDEWALK DETOUR TO BE USED WHEN CONSTRUCTION ACTIVATES IMPACT EXISTING PEDESTRIAN FACILITIES ALONG THE STATE HIGHWAY.
 - TEMPORARY SIDEWALK SHALL BE SMOOTH, CONTINUOUS HARD SURFACE WITH NO ABRUPT CHANGES IN GRADE OR TERRAIN THAT COULD CAUSE TRIPPING OR BE A BARRIER TO WHEELCHAIR USE. THE GEOMETRY AND ALIGNMENT OF THE FACILITY SHALL MEET THE APPLICABLE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)."

TEMPORARY SIDEWALK DETOUR

NOT TO SCALE

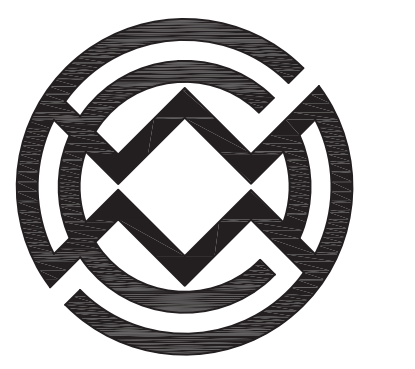
WORK ZONE TRAFFIC CONTROL GENERAL NOTES (WZTC-P10 - 10 DEC 2008)

- GENERAL NOTES:**
- ALL WORK ZONE TRAFFIC CONTROLS SHALL CONFORM TO THE 2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE CURRENT STATE OF NEW YORK SUPPLEMENT, NYS DOT STANDARD SPECIFICATIONS, NYS DOT STANDARD SHEETS AND NYS DOT WORK ZONE TRAFFIC CONTROL MANUAL DATED JANUARY 2012.
 - THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
 - THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO THE IMPLEMENTATION OF SUCH REVISIONS.
 - THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF HIS STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.
 - NO WORK SHALL TAKE PLACE WITHIN ON THE STATE HIGHWAY BETWEEN THE HOURS OF 6AM TO 9AM AND 3PM TO 6PM. THESE TIME RESTRICTIONS INCLUDE THE SET UP AND TAKE DOWN OF WORK ZONES.
- ACTIVITY AREA:**
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDE OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 - WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- SIGNS:**
- THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND THE DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO THE APPROVAL BY THE ENGINEER.
 - ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
 - SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
 - ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTILANE DIVIDED HIGHWAYS, MULTILANE RAMP, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
 - SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
 - THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
 - NYR9-12 MAY BE USED IN PLACE OF THE NYR9-11.
- LANE CLOSURES:**
- THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
 - THE ENGINEER MAY REQUIRE THAT ALL LANES BE REOPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT THE LOCATIONS OUTSIDE THE CONTRACT LIMITS.
- LANE WIDTHS:**
- UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'; THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
 - THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.
 - WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, A SINGLE LANE CLOSURE SHOULD BE USED (NYS DOT 619-30 STANDARD SHEET).
- BARRIER/SHADOW VEHICLES:**
- BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGEND AND TABLES".
 - NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCES).
 - THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.
 - LANE CLOSURE DETAILS AND TIMES SHALL BE APPROVED BY THE NYS DOT ENGINEER IN CHARGE.
- CHANNELIZING DEVICES:**
- WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.
 - DRUMS SHALL BE USED FOR ANY LANE CLOSURES OR SHOULDER CLOSURES WHICH ARE TO REMAIN OVERNIGHT.
- PUBLIC ACCESS:**
- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO THE RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
 - SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

MTP LEGEND

TEMPORARY WORK ZONE TRAFFIC CONTROL SIGN	
CHANNELIZING DEVICE (20' SPACING)	
WORK SPACE	
TYPE III BARRICADE	

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD MORRIS, D.P.C. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.



Carmina Wood Morris
 487 Main Street Suite 500
 Buffalo, New York 14203
 P 716.842.3165
 F 716.842.0263



REVISIONS: No. Description Date

PROJECT NAME:

**New Construction
 Office & Warehouse Buildings
 9074 Main Street
 Clarence, New York**

Date: 8/20/19
 Drawn by: P. Sheedy
 Scale: As Noted

DRAWING NAME:
 Maintenance & Protection of Traffic Plan

DRAWING NO.
 M-100

Project no.: 19.004