

NOTES

- ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1885 (NAVD 88).
- THE LOCATION OF ANY UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION ACTIVITIES, ALL UTILITY COMPANIES SHOULD BE NOTIFIED IN ORDER TO VERIFY OR ATEND THEIR LOCATIONS AND/OR EXISTENCE. FOR ASSISTANCE CALL UFPO AT 1-800-962-7962.
- UDIGNY.ORG DESIGN TICKET No. 0902-001-931 HAS SUBMITTED TO REQUEST UTILITY RECORDS:
 - CHARTER COMMUNICATIONS WNY: HAS RESPONDED, CLEAR NO FACILITIES.
 - BUCKETE PIPELINE COMPANY: HAS RESPONDED, NO FACILITIES WITH 15FT OF DEFINED WORK AREA.
 - NYSEG LANCASTER ELECTRIC: HAS NOT RESPONDED.
 - TOWN OF WEST SENECA: HAS RESPONDED, NO FACILITIES WITH IN 15FEET OF THE WORK AREA.
 - VERIZON / BUFFALO: HAS RESPONDED, DRAWN HEREON.
 - NATIONAL FUEL GAS / BUFFALO -NFGD: HAS RESPONDED, DRAWN HEREON.
 - ERIE COUNTY WATER AUTHORITY: HAS RESPONDED, DRAWN HEREON.
 - ERIE COUNTY DIVISION OF SEWER MANAGEMENT: HAS RESPONDED, DRAWN HEREON.

LEGEND

	FIRE HYDRANT		ELECTRIC BOX
	WATER VALVE		CLEANOUT
	SANITARY MANHOLE		UTILITY POLE
	DRAINAGE INLET		BOLLARD
	UNDERGROUND WATER		GAS METER
	UNDERGROUND SANITARY SEWER		
	UNDERGROUND STORM SEWER		
	UNDERGROUND GAS LINE		
	OVERHEAD WIRES		
	WOODS LINE		

NO IRONS SET OR FOUND AT PROPERTY CORNERS UNLESS NOTED HEREON

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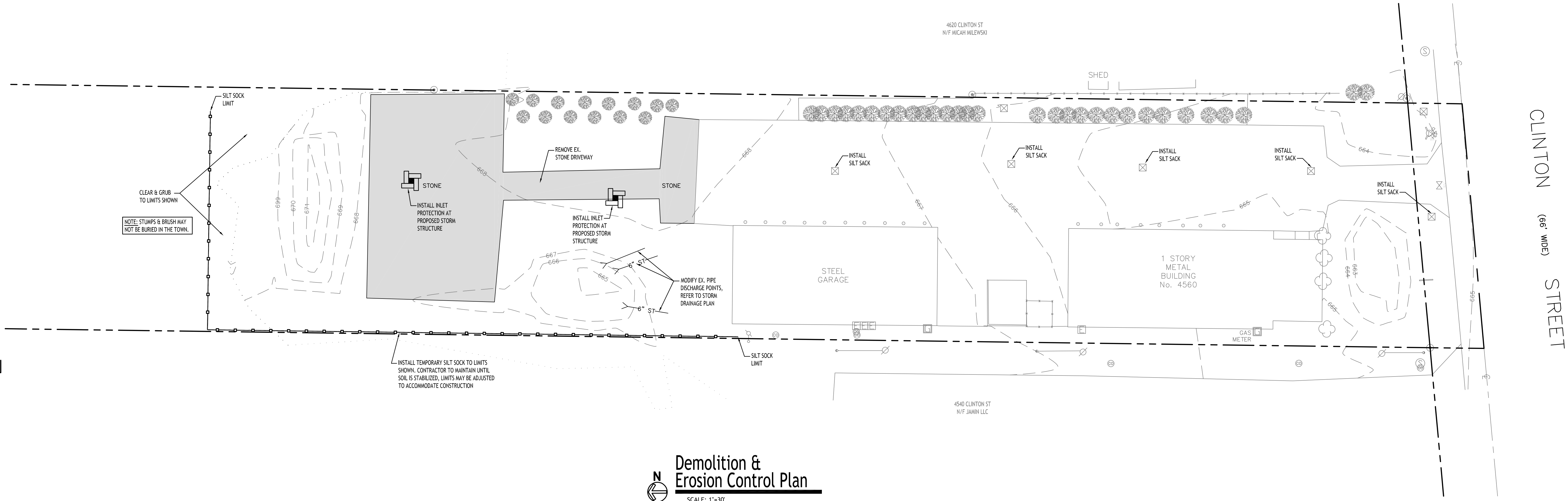
BOUNDARY & TOPOGRAPHIC SURVEY
 4560 Clinton Street
 Part of Lot 333
 Holland Land Company's Survey
 Town of West Seneca
 County of Erie, State of New York

Date of Survey: 09/27/2022 Scale: 1" = 40' Project No.: 2232-1131

A. J. Nuss

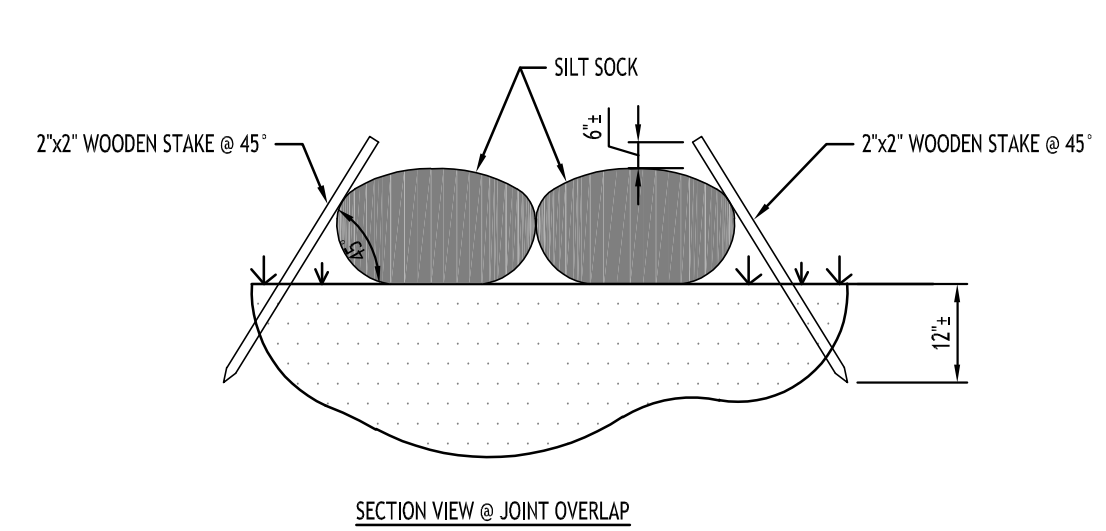
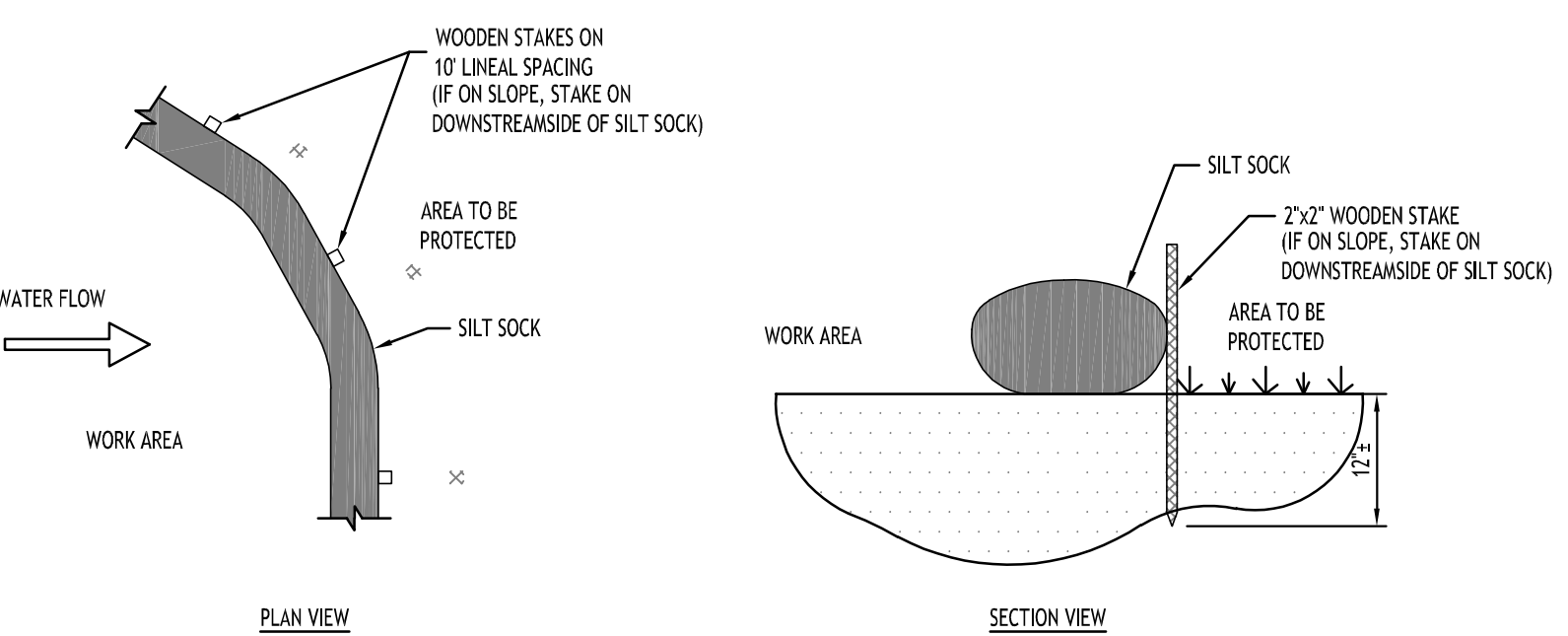
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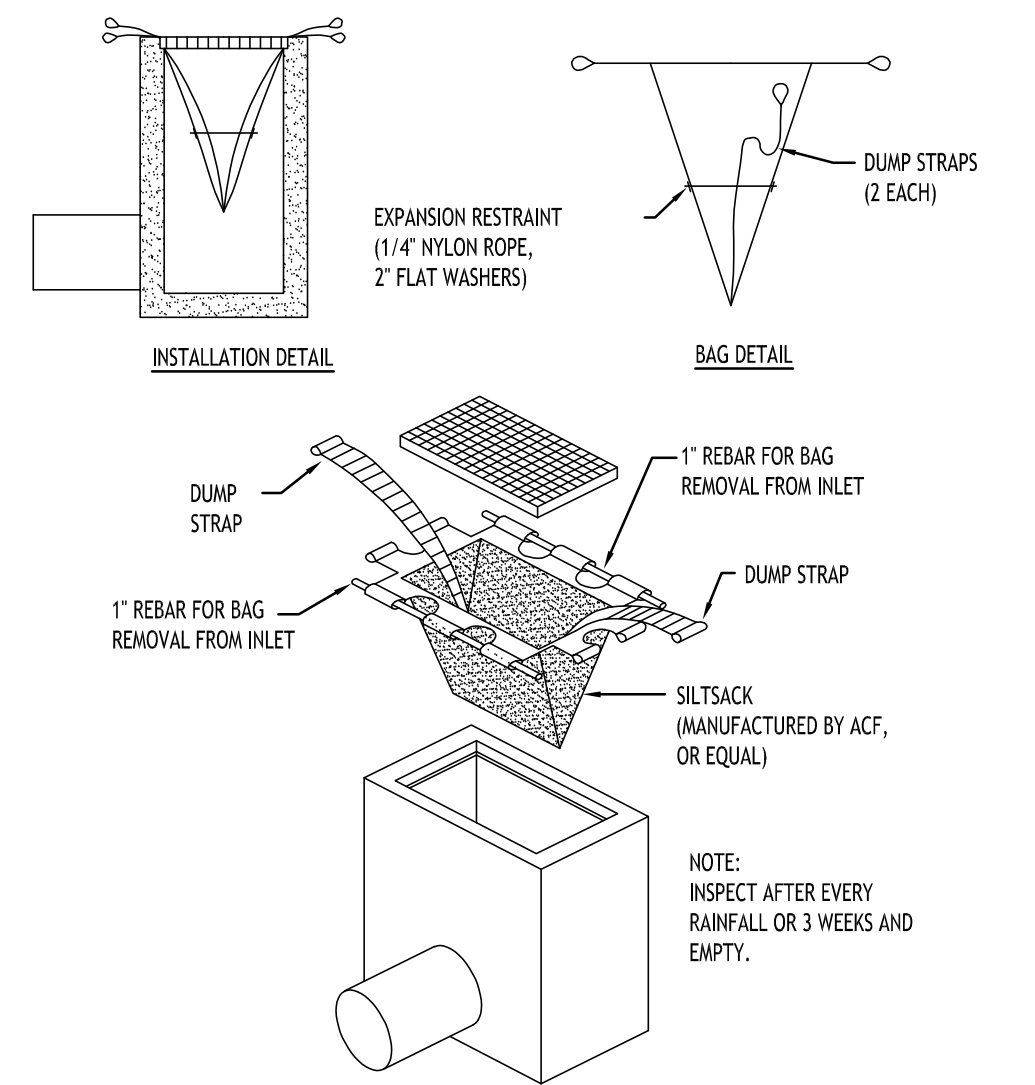
Demolition & Erosion Control Plan

SCALE: 1"=30'



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 SHALL BE OVERLAPPED 12" AT JOINTS AND STAKED ON EACH SIDE OF THE SOCK AT A 45° ANGLE

SILT SOCK DETAIL
NOT TO SCALE



SILT SACK DETAIL
NOT TO SCALE

- EROSION CONTROL NOTES**
- THE FOLLOWING EROSION CONTROL PROCEDURES SHALL BE ADHERED TO BY THE CONTRACTOR:
- INSTALL TEMPORARY 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 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 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 SOCK AROUND THE BASE OF STOCKPILES. STOCKPILES NOT BEING ACTIVELY USED FOR MORE THAN SEVEN (7) DAYS SHALL BE STABILIZED.
- DEMOLITION NOTES:**
- ALL PERIMETER SILT SOCK TO BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITY BEGINNING.
 - CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THOSE ITEMS TO REMAIN, SUCH AS TREES, PROPERTY CORNER PINS, UTILITY POLES, VALVES, HYDRANTS, CURBS, MANHOLES & CATCH BASINS.
 - TEMPORARY SILT SOCK TO BE INSTALLED AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE. MAINTAIN UNTIL VEGETATION IS ESTABLISHED AND PAVEMENT IS INSTALLED.
 - AS NECESSARY, COVERED DUMPSTERS SHALL BE PROVIDED ONSITE AS REQUIRED FOR CONSTRUCTION WASTE.
 - REMOVE ALL TREES AND STUMPS AS SHOWN AND DISPOSE OF OFF SITE. CONTRACTOR TO PROTECT ALL TREES/BRUSH NOT DISTURBED BY CONSTRUCTION ACTIVITY. LOCATIONS OF TREES SHOWN ON PLAN ARE APPROXIMATE. CONTRACTOR TO CONFIRM LOCATION PRIOR TO CONSTRUCTION.

DEMOLITION & EROSION CONTROL LEGEND

- EXISTING PAVEMENT TO BE SAWCUT & REMOVED
- PROPOSED SILT SOCK
- EXISTING TREE TO BE REMOVED
- PROPOSED STORM INLET PROTECTION

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

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 Getzville, NY 14456
 Phone: (336) 937-9089

Proposed Warehouse
 4560 Clinton Street
 West Seneca, New York

REVISIONS:	No.	Description	Date



DRAWING NAME:
 Demolition & Erosion Control Plan & Details

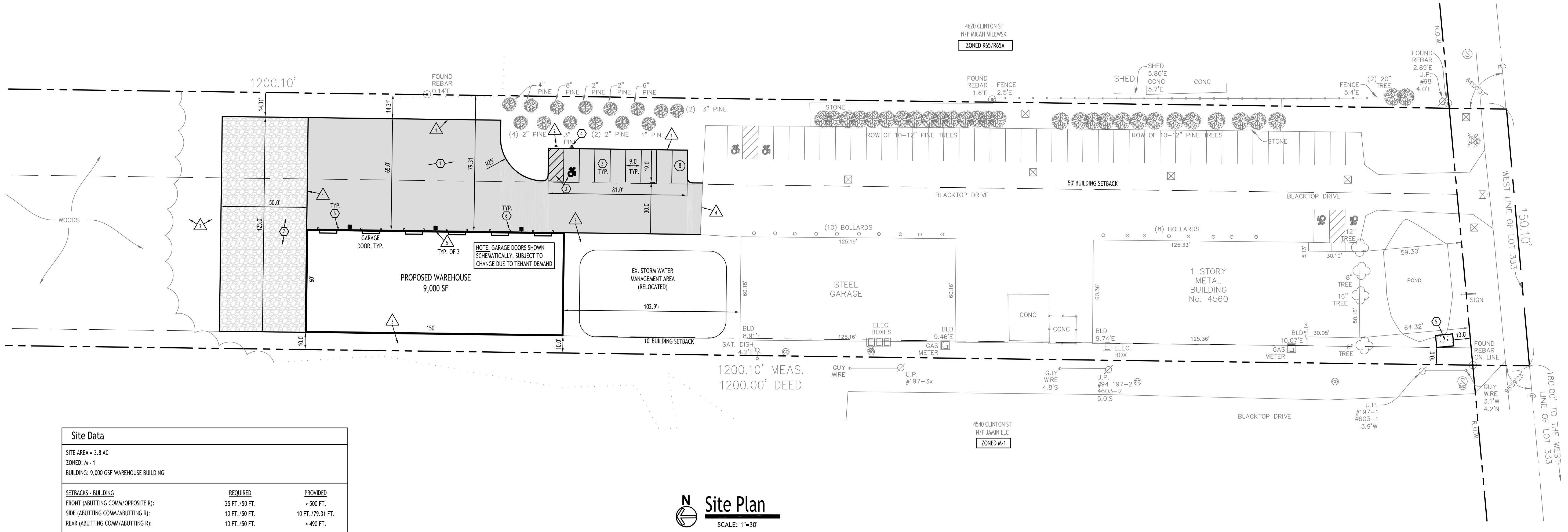
Date: 3/22/23
 Drawn by: P. Sheedy
 Scale: As Noted

DRAWING NO.:
C-001

Project No: 22.346

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Site Data		
SITE AREA = 3.8 AC		
ZONED: M-1		
BUILDING: 9,000 GSF WAREHOUSE BUILDING		
SETBACKS - BUILDING	REQUIRED	PROVIDED
FRONT (ABUTTING COMM/OPPOSITE R):	25 FT./50 FT.	> 500 FT.
SIDE (ABUTTING COMM/ABUTTING R):	10 FT./50 FT.	10 FT./79.31 FT.
REAR (ABUTTING COMM/ABUTTING R):	10 FT./50 FT.	> 490 FT.
LOT COVERAGE (60%):	2.28 AC. (MAX.)	1.72 AC. (45.3%)
MAX. BUILDING HEIGHT:	40 FT. *	< 40 FT.
LANDSCAPE AREA (20%):	0.76 AC. (MIN.)	2.08 AC. (54.7%)

* NOTE: BUILDING HEIGHT HIGHER THAN 40' CAN BE APPROVED BY THE TOWN BOARD

Site Plan
SCALE: 1"=30'

DETAIL LEGEND SEE SEE DETAIL SHEET

- ① STANDARD DUTY ASPHALT
- ② 90' PARKING STALL
- ③ HANDICAP PAVEMENT MARKINGS
- ④ HANDICAPPED PARKING SIGN
- ⑤ EXTERIOR SLAB ON-GRADE CONCRETE
- ⑥ PIPE BOLLARD
- ⑦ STONE ROAD

NOTE LEGEND

- ▲ EDGE OF PAVEMENT
- ▲ INSTALL "NO PARKING" SIGN, M.U.T.C.D. SIGN NO. R7-1C
- ▲ LANDSCAPED AREA - IF NO PLANTINGS, INSTALL TOPSOIL & SEED
- ▲ MATCH EX. PAVEMENT, SAWCUT AS REQ'D TO ACHIEVE SQUARE EDGE TO MATCH
- ▲ WALL PACK LIGHT FIXTURE

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 WEST SENECA ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER/OWNER.
- EXISTING CURB AND REMOVAL OF EXISTING ENTRANCE SHALL BE SAW CUT FULL-DEPTH AND NEATLY REMOVED FROM THE BACKSIDE. EXISTING PAVEMENT SHALL NOT BE DISTURBED AND THE PAVEMENT EDGE SHALL BE USED AS FORM FOR PLACING NEW CURB.
- SANITARY SEWER EASEMENTS SHOWN ARE APPROXIMATE BASED ON RECORD PLANS PROVIDED BY TOWN OF AMHERST ENGINEERING DEPARTMENT. SURVEYOR TO VERIFY LOCATION PRIOR TO CONSTRUCTION.

SITE NOTES:

- ALL RADII SHALL BE 3'-0" UNLESS OTHERWISE NOTED.
- ALL DISTURBED AREAS: SHALL HAVE 4" MIN. OF TOPSOIL AND SEED.
- 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.

SITE LEGEND

- PROPERTY LINE
- PROPOSED CONCRETE PAD
- NUMBER OF PARKING SPACES
- PROPOSED SIGN
- PROPOSED STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED STONE ROAD
- PROPOSED WALL PACK LIGHT

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West Seneca, New York

REVISIONS:

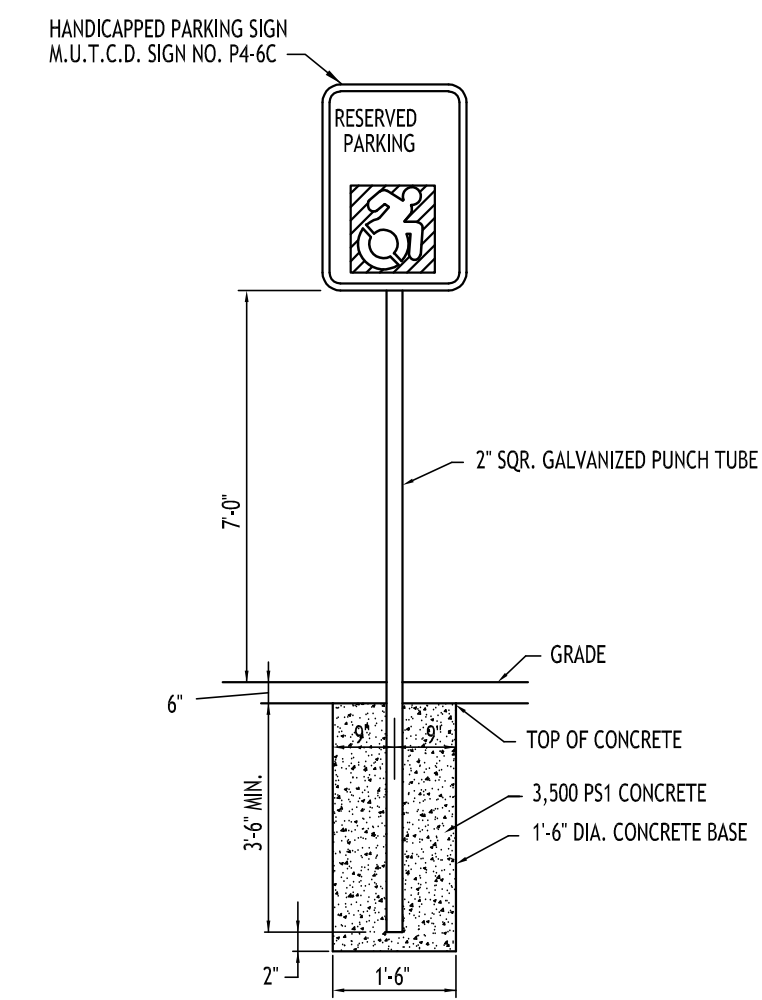
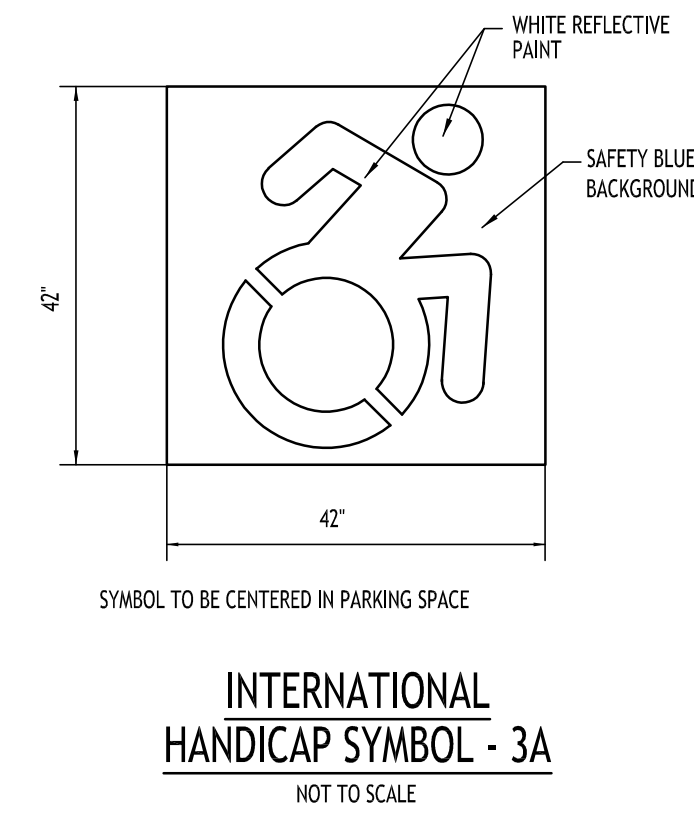
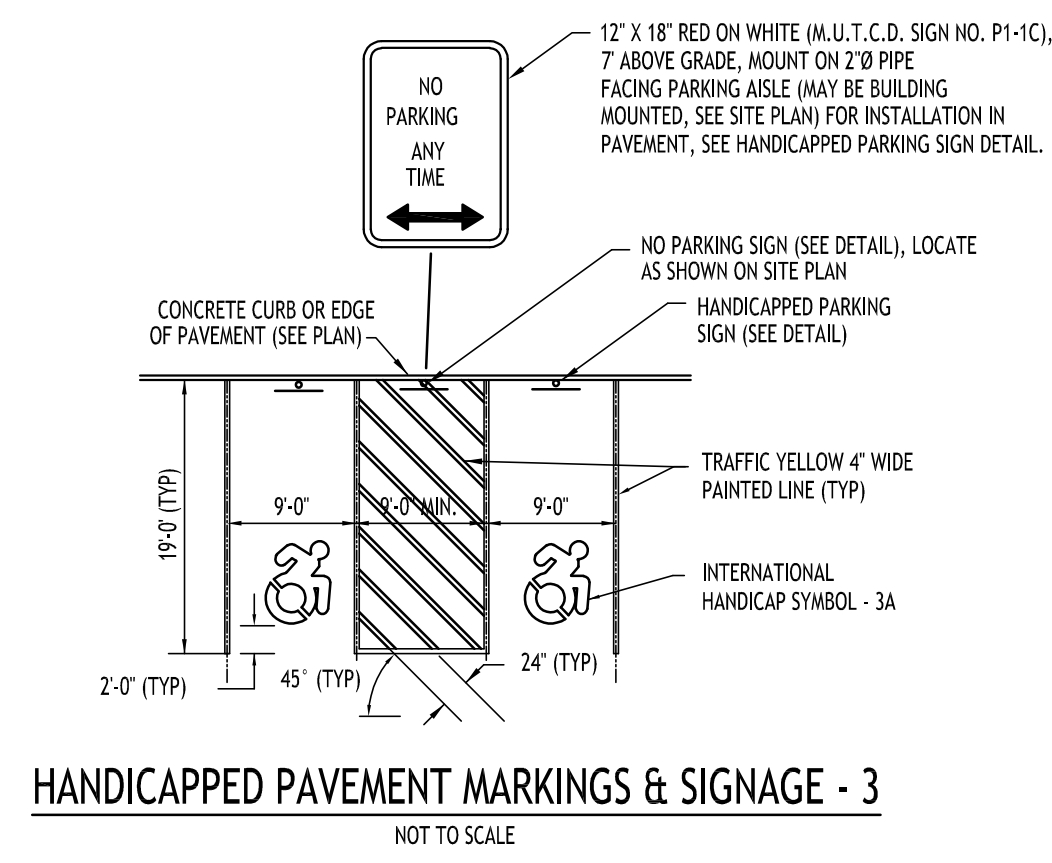
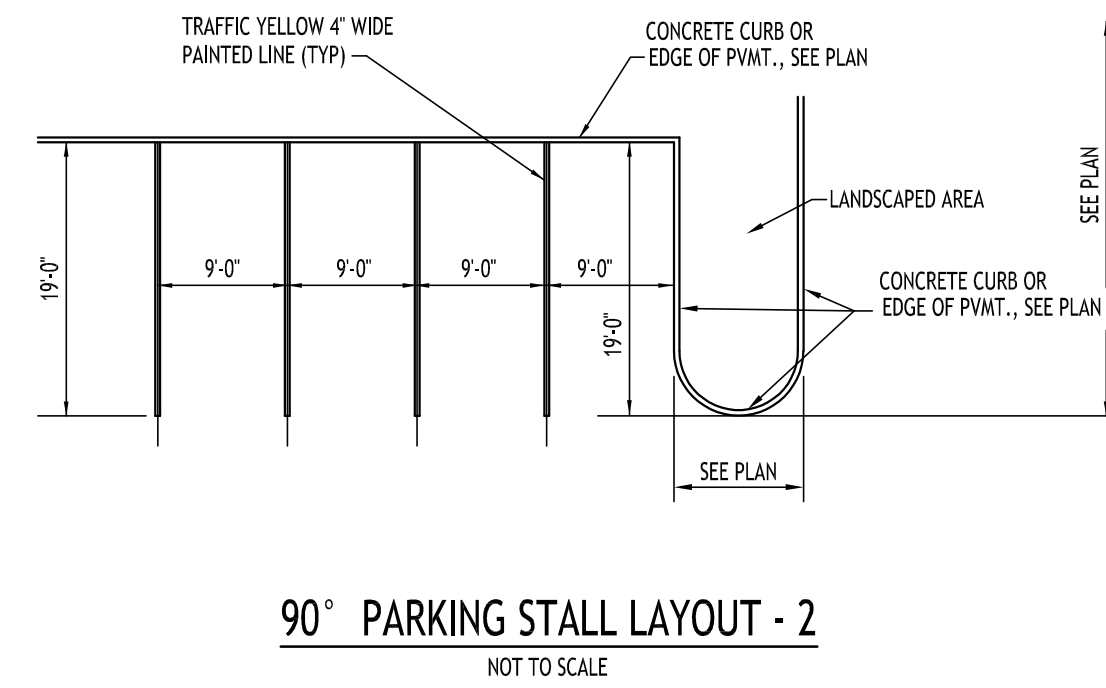
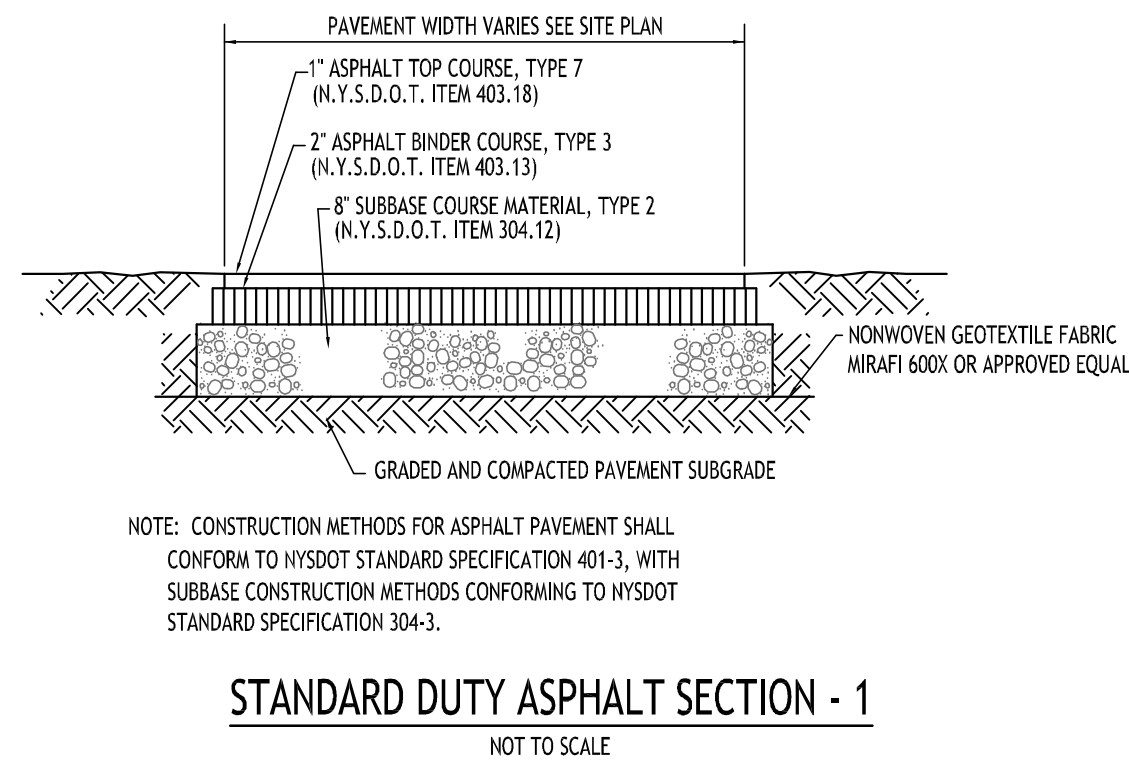
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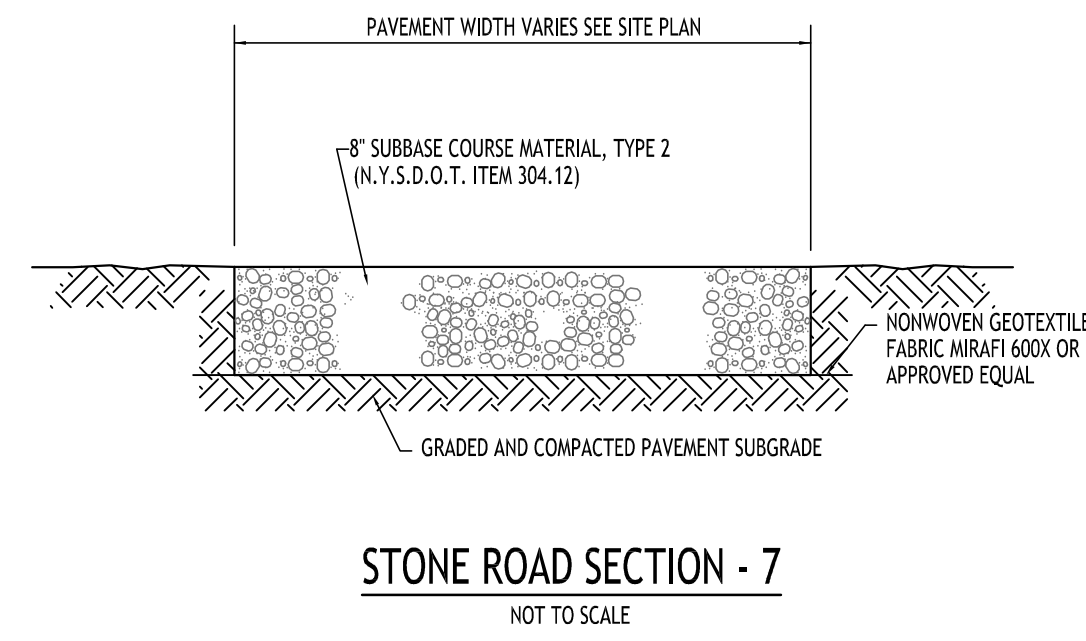
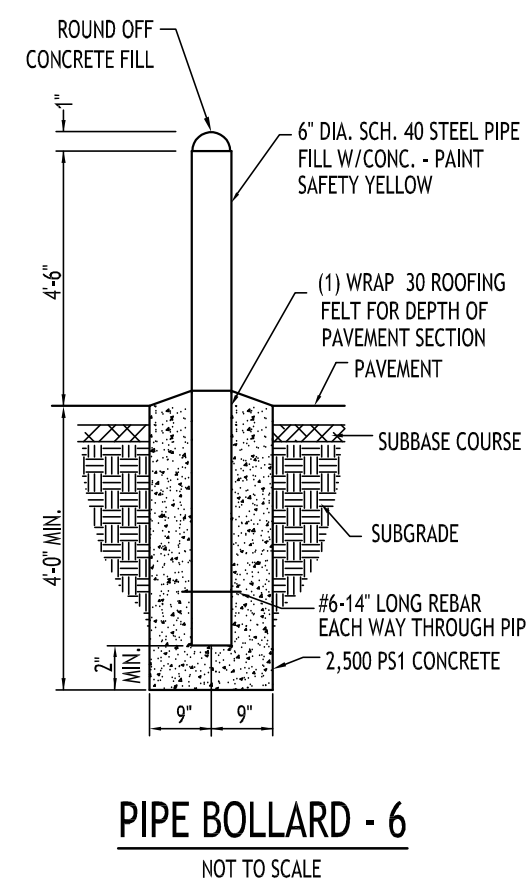
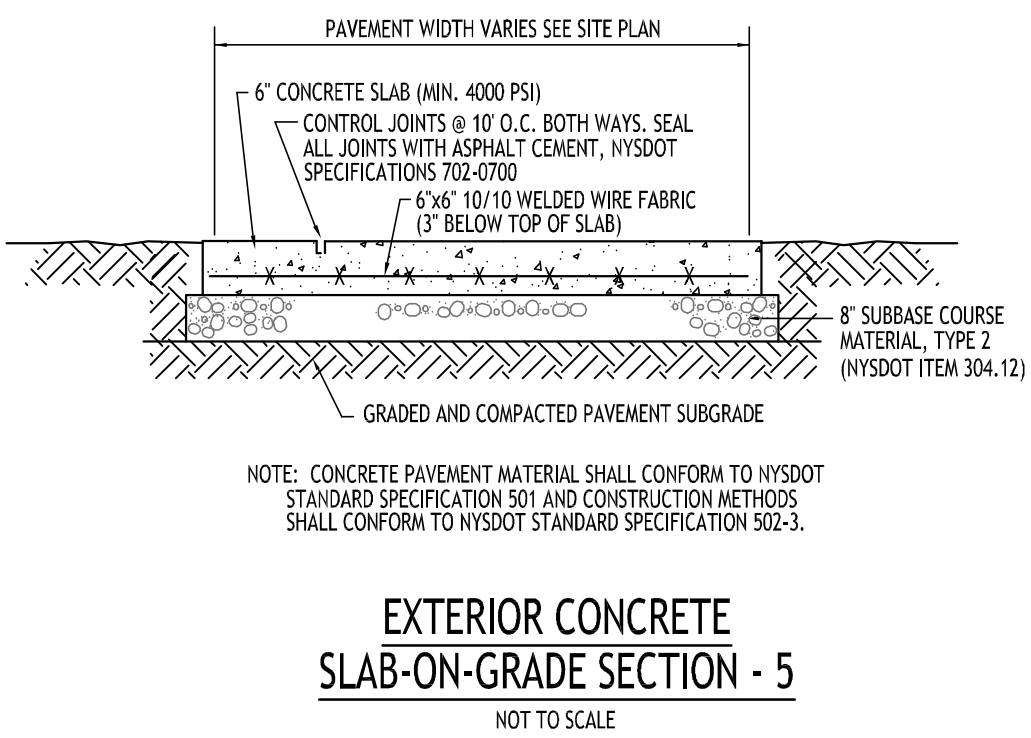
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Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-100
Project No: 22.346



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

GRASS/LAWN AREA



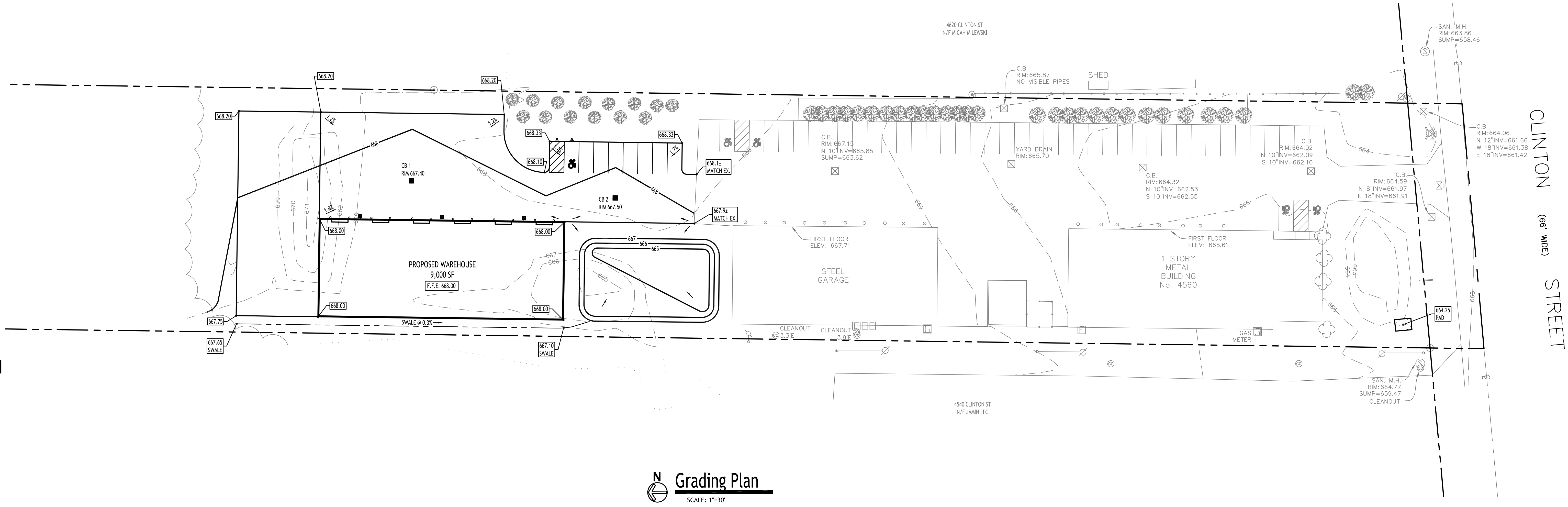
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Site Details

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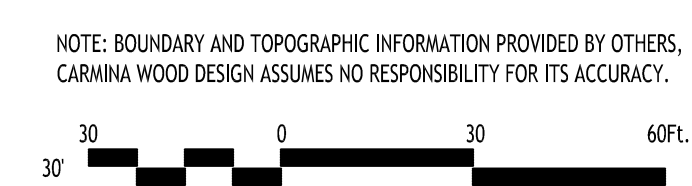
DRAWING NO.:
C-101
Project No: 22.346



Grading Plan
SCALE: 1"=30'

PROPOSED GRADING LEGEND

PROPOSED CONTOUR	— 101 —
PROPOSED SPOT ELEVATION	668.00
PROPOSED CATCH BASIN	■ CB
PAVEMENT/GROUND SLOPE	—
PROPOSED SWALE	- - - -



REVISIONS:

No.	Description	Date



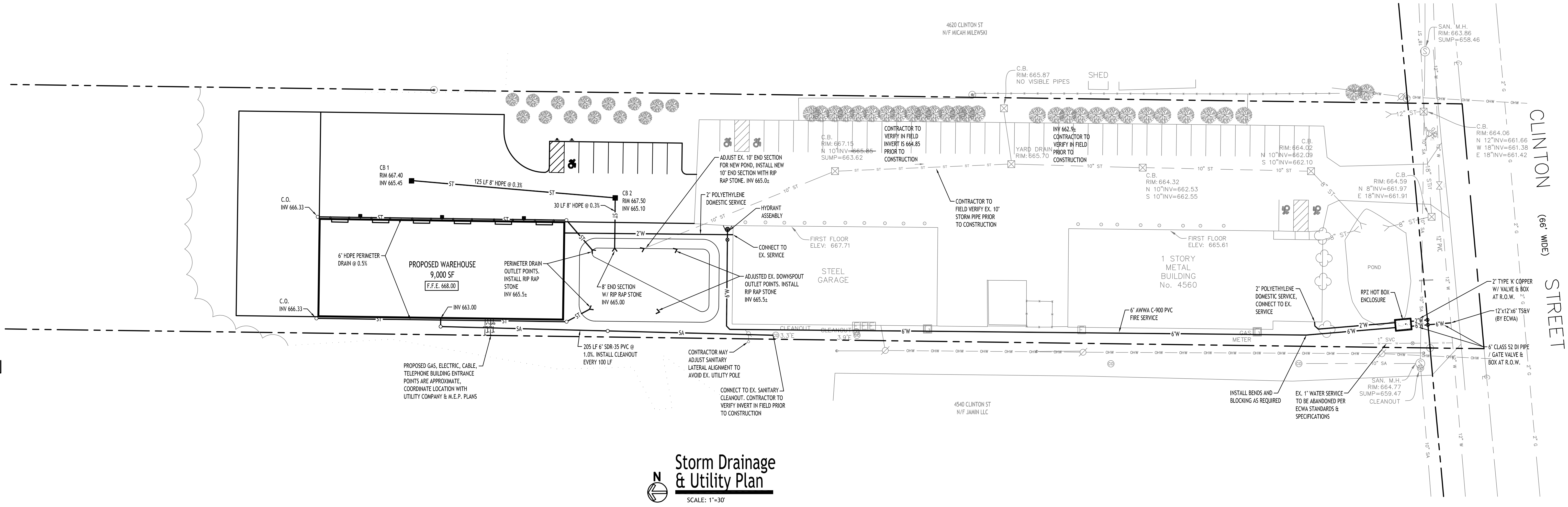
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Grading Plan

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Storm Drainage & Utility Plan
SCALE: 1"=30'

- UTILITY NOTES:**
- FOR ALL SANITARY SEWERS, INSTALL SELECT FILL IN PAVED AREAS, EXTEND 5' MIN. BEYOND PAVEMENT LIMITS
 - BUILDINGS TO HAVE INVERT ELEVATION 5' MIN. BELOW F.F.E. OF THE BUILDING. PIPE TO BE 6" SDR-35 PVC @ 1.0% MIN. WITH MIN 4" OF COVER. ADD CLEANOUTS @ 90' MAX. SPACING FOR 6" LATERALS OVER 90' IN LENGTH.
 - COORDINATE GAS & ELEC. METER BANK LOCATIONS ON BUILDINGS WITH M.E.P. PLANS & UTILITY CO.'S.
 - COORDINATE LOCATION OF CTY & TELEPHONE SERVICE TO BUILDINGS WITH M.E.P. PLANS AND UTILITY CO.'S.
 - ANY EXISTING UTILITIES WHICH ARE TO BE ABANDONED AND FALL UNDER PAVEMENT OR BUILDINGS SHALL BE REMOVED VS. BEING ABANDONED UNLESS THOSE UTILITIES ARE FILLED WITH FLOWABLE FILL.
 - A MINIMUM OF 10 FEET HORIZONTAL AND 18 INCHES OF VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER AND WATER SERVICES.
 - SELECT BACKFILL IS REQUIRED FOR ALL UTILITIES (GAS, WATER, STORM, SANITARY) THAT CROSS THROUGH CONCRETE AND ASPHALT PAVEMENT AREAS.

PROPOSED STORM DRAINAGE/UTILITY LEGEND

PROPOSED WATER LINE	— W —
PROPOSED SANITARY SEWER	— SA —
PROPOSED UTILITY CONNECTIONS (GAS, ELEC., CABLE, TEL., ETC.)	— G — — E — — C — — T —
PROPOSED GATE VALVE	⊗
PROPOSED CLEANOUT	○
PROPOSED STORM LINE	— ST —
PROPOSED CATCH BASIN	■

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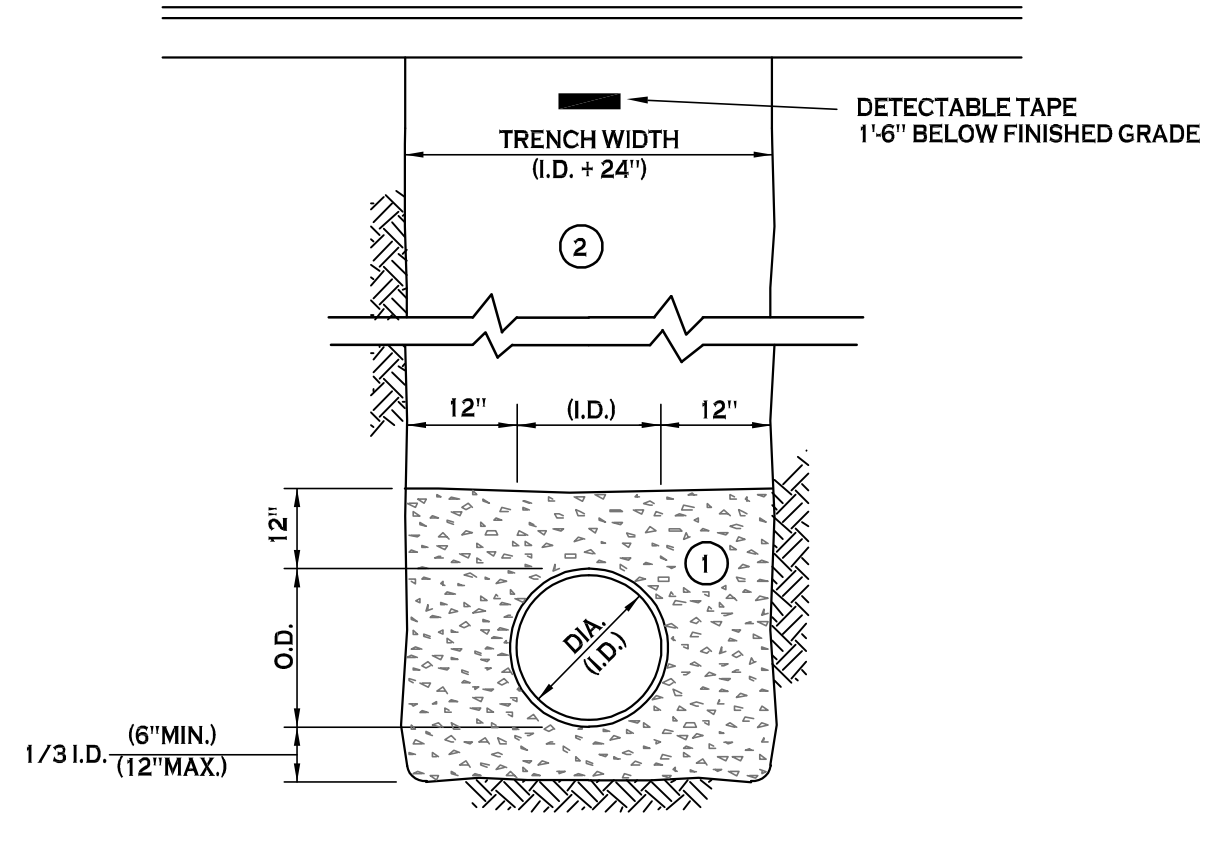


DRAWING NAME:
Storm Drainage & Utility Plan

Date: 3/22/23
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-300
Project No: 22.346

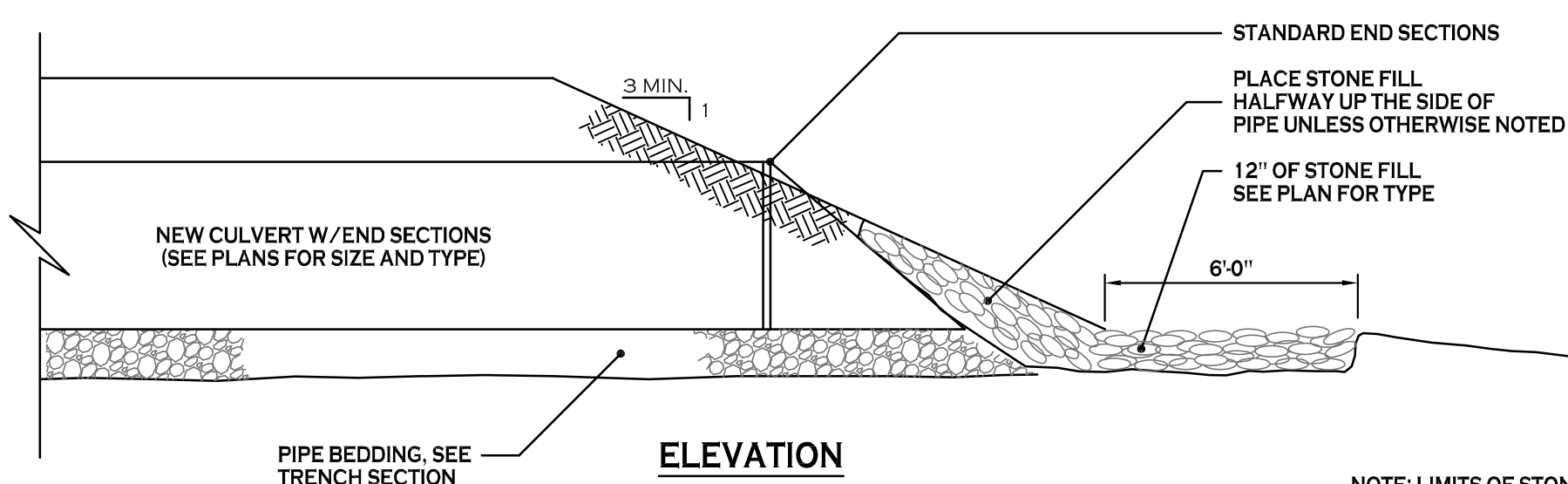
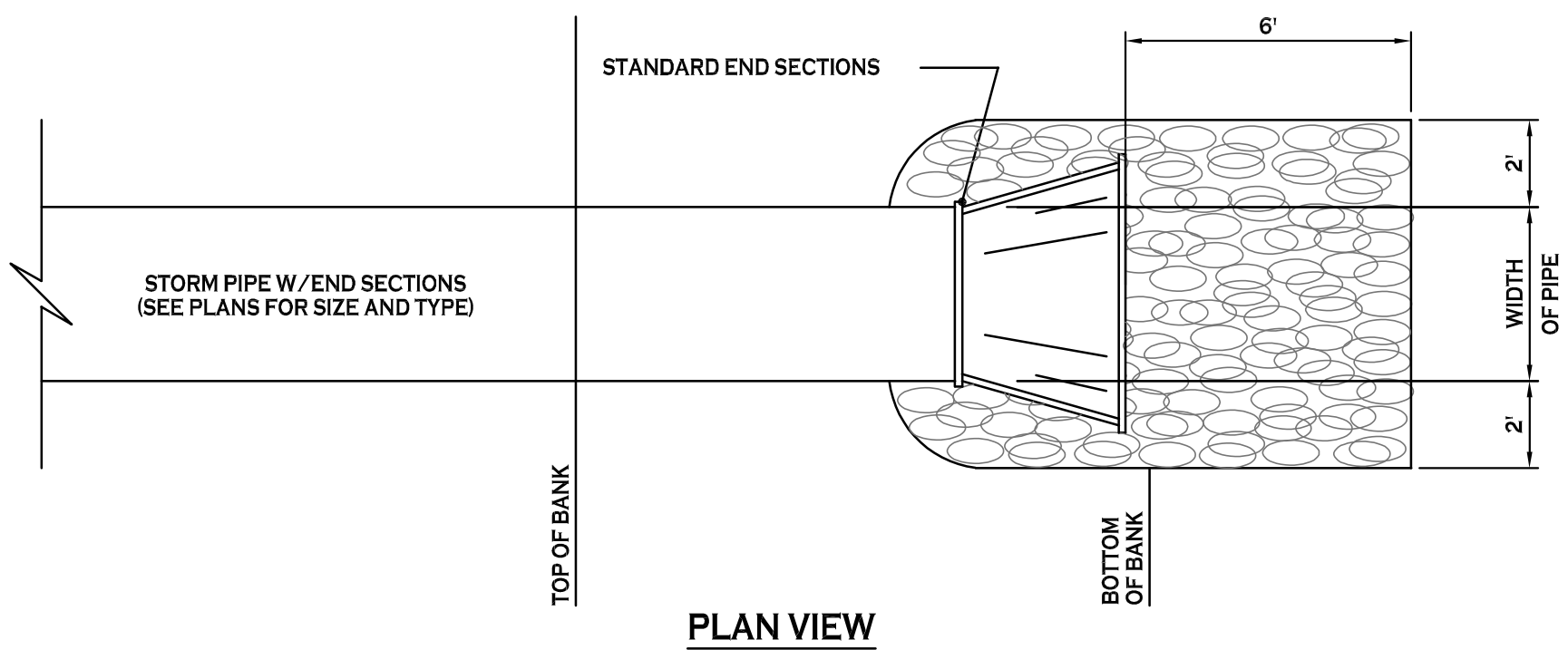
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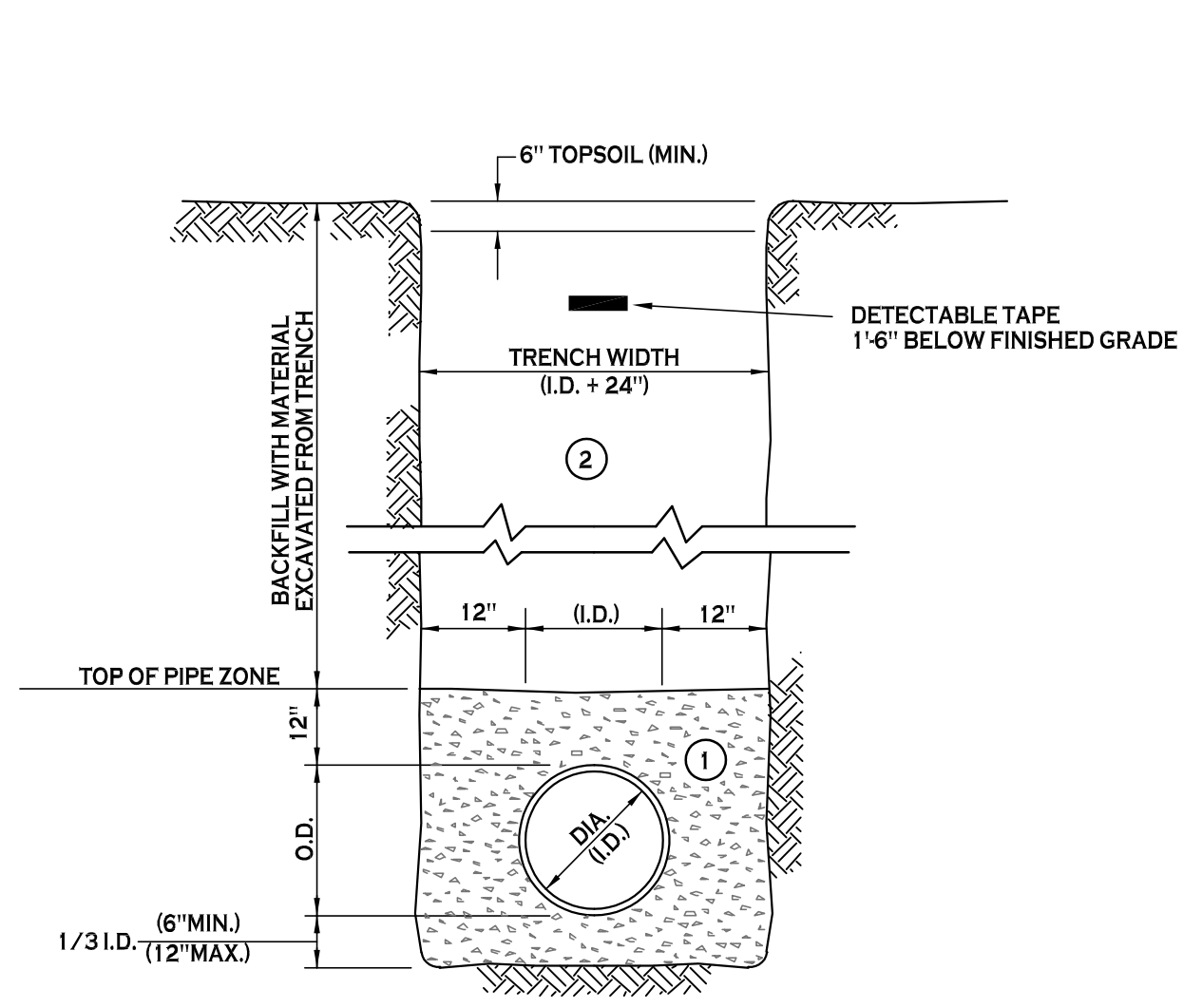
- NOTES:**
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH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

- MATERIALS**
- PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**
- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT 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.
 - 2 TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT 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 1
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

SEWER/WATERLINE TRENCH SECTION IN PAVED AREAS
NOT TO SCALE



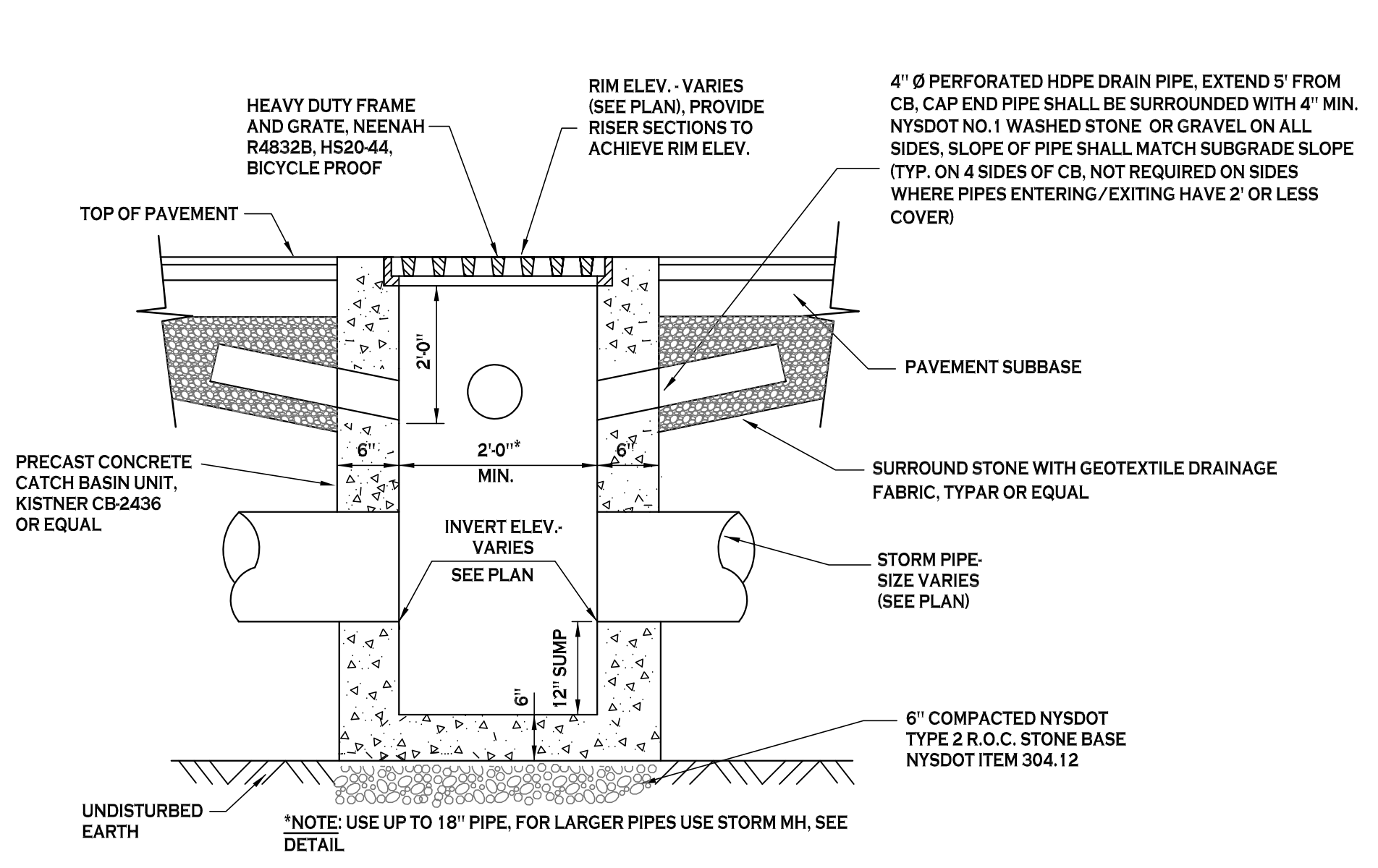
TYPICAL PIPE OUTLET W/ END SECTION & RIP RAP
NOT TO SCALE



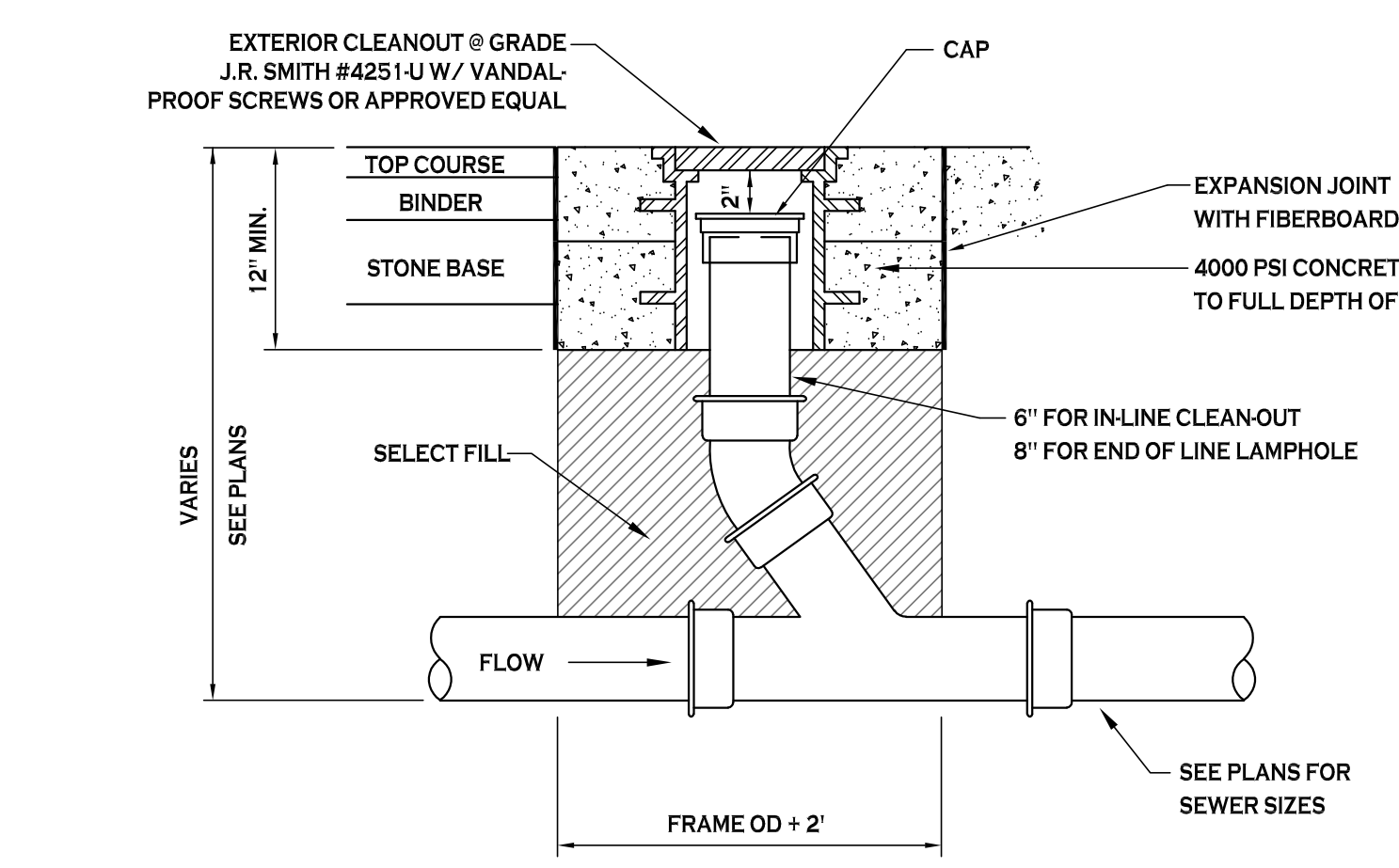
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 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

- MATERIALS**
- PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**
- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT 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.
 - 2 BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 1
- NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

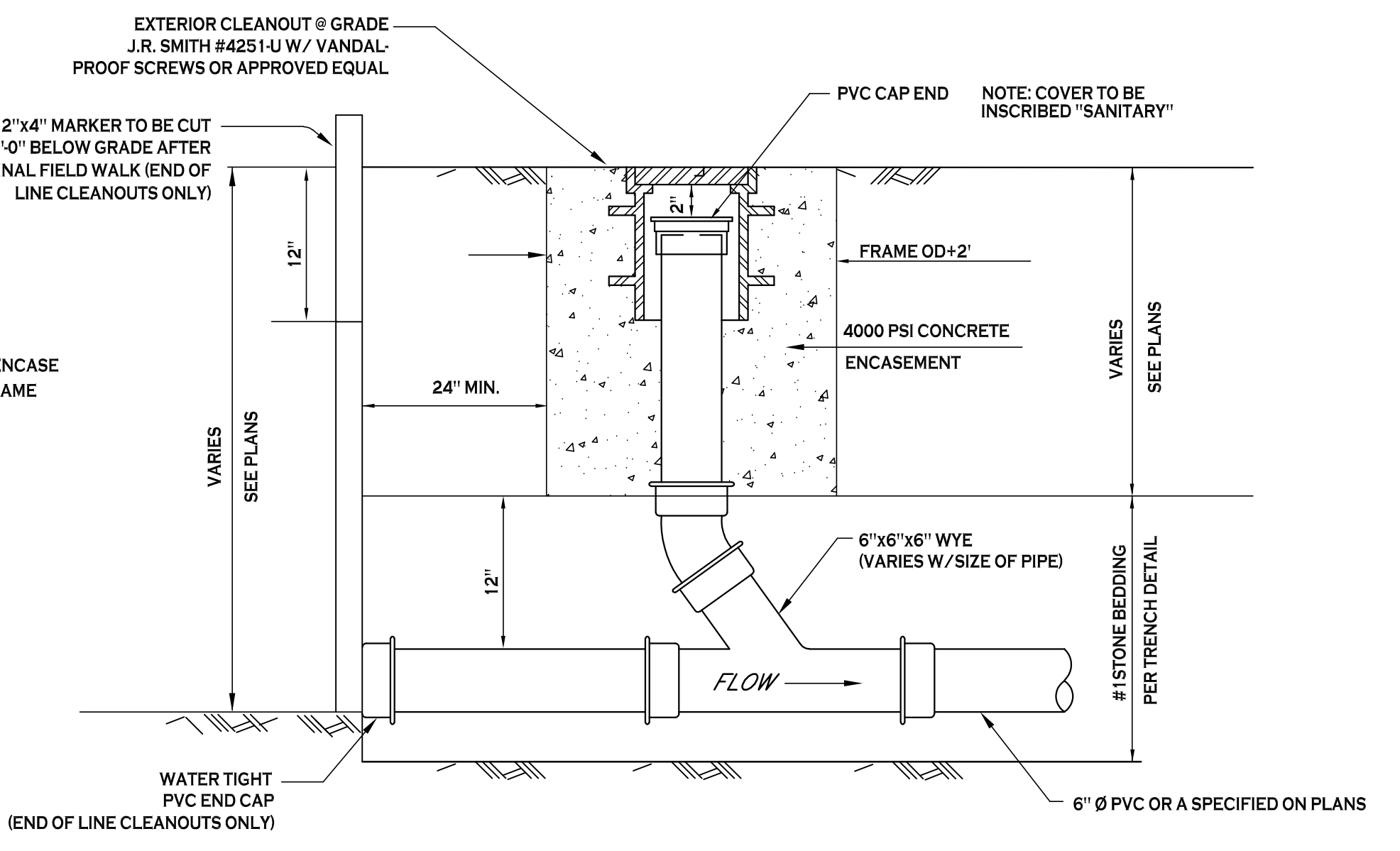
SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS
NOT TO SCALE



TYPICAL PRECAST CATCH BASIN
NOT TO SCALE



LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK
NOT TO SCALE



LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS
NOT TO SCALE

REVISIONS:	No.	Description	Date

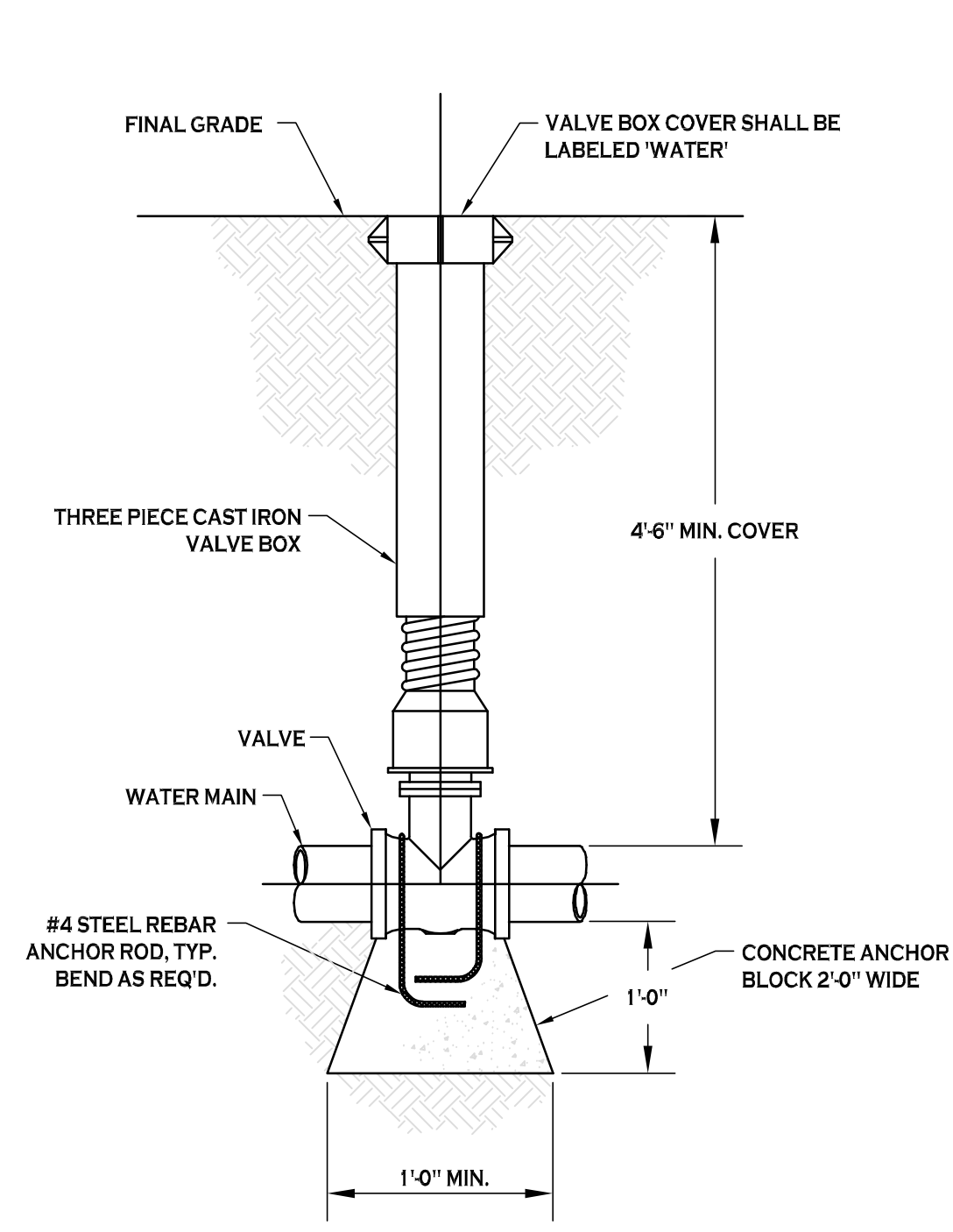


DRAWING NAME:
Utility Details

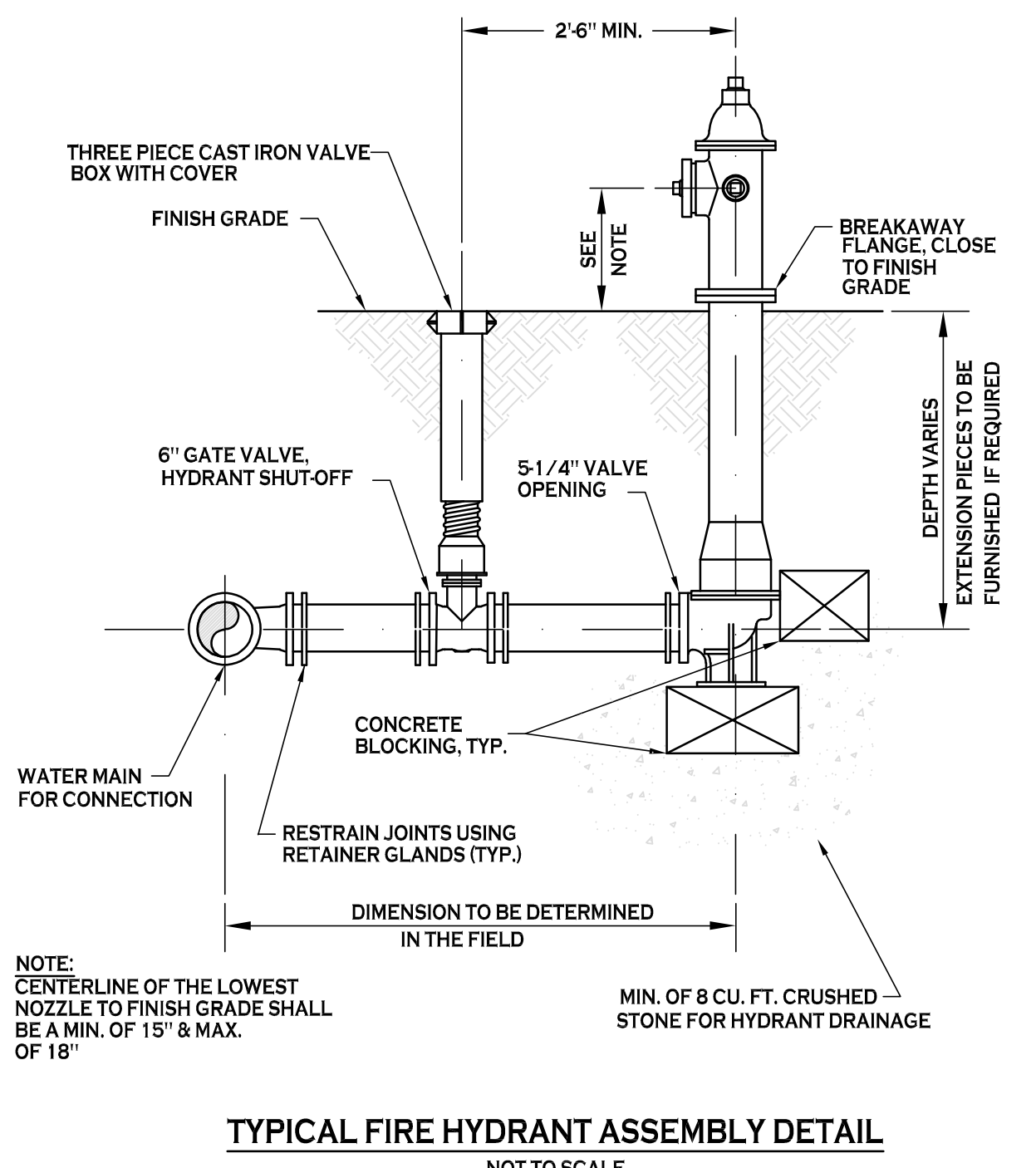
Date: 3/22/23
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.
C-301
Project No: 22.346

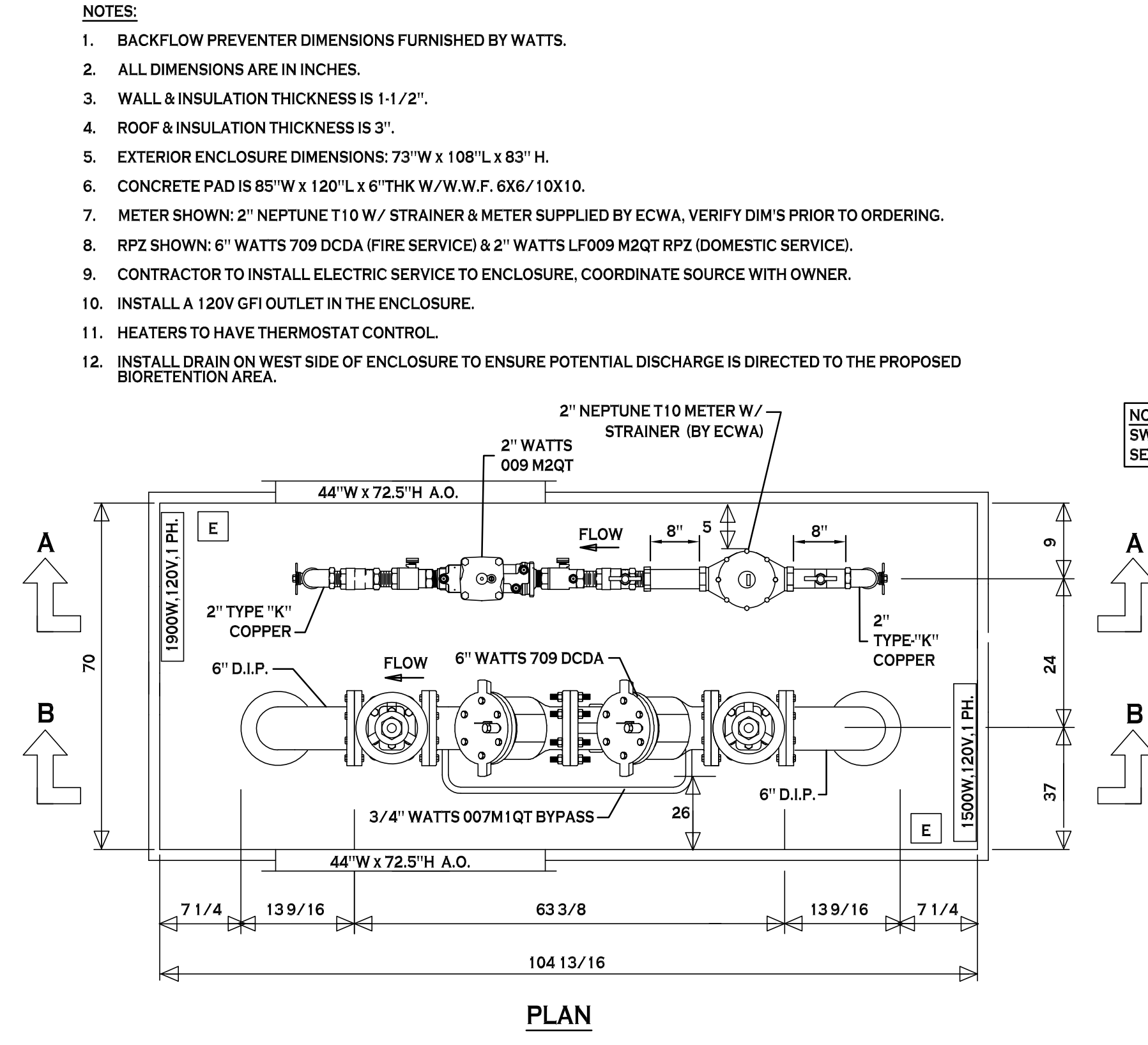
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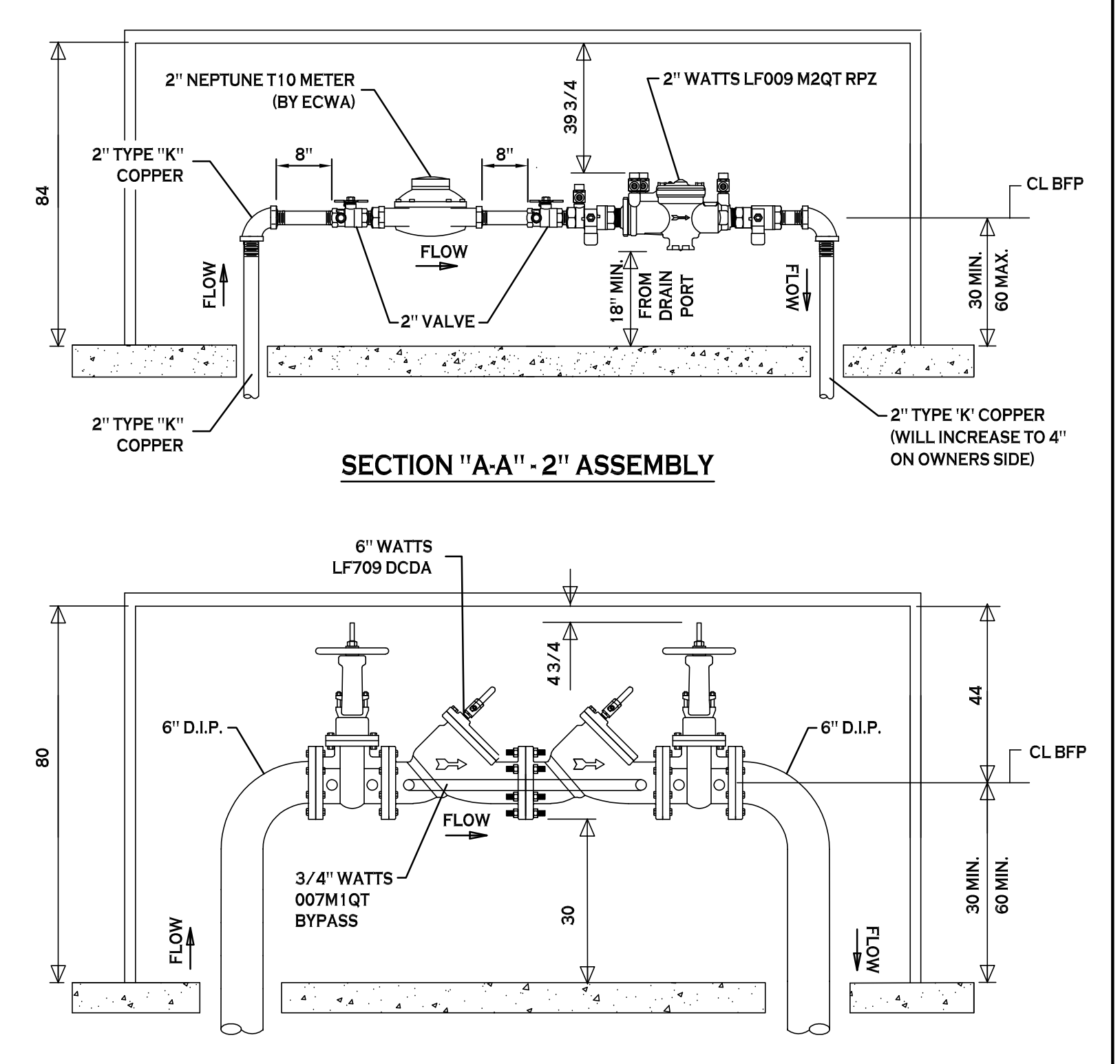
TYPICAL GATE VALVE DETAIL
NOT TO SCALE



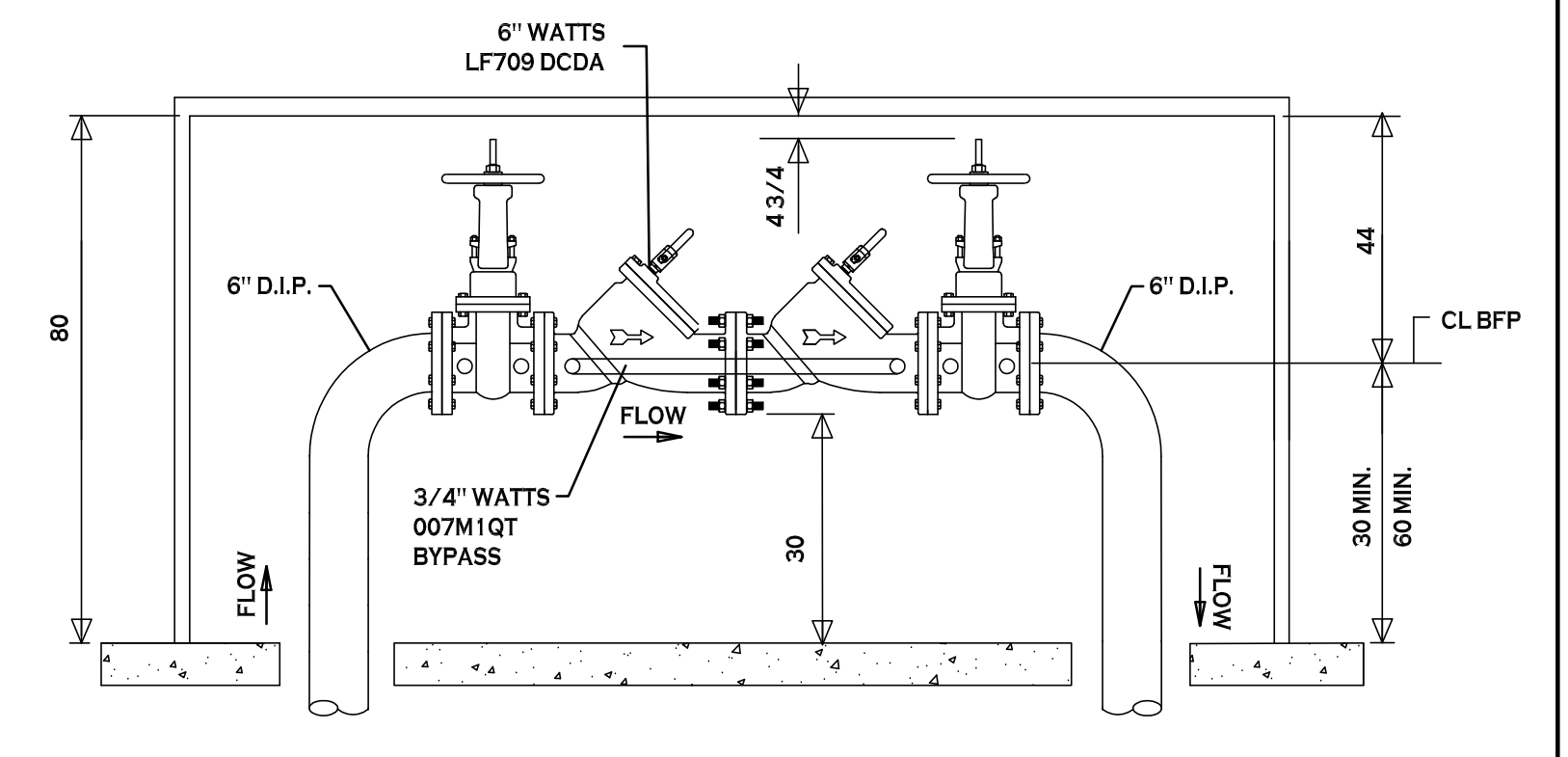
TYPICAL FIRE HYDRANT ASSEMBLY DETAIL
NOT TO SCALE



PLAN



SECTION "A-A" - 2" ASSEMBLY

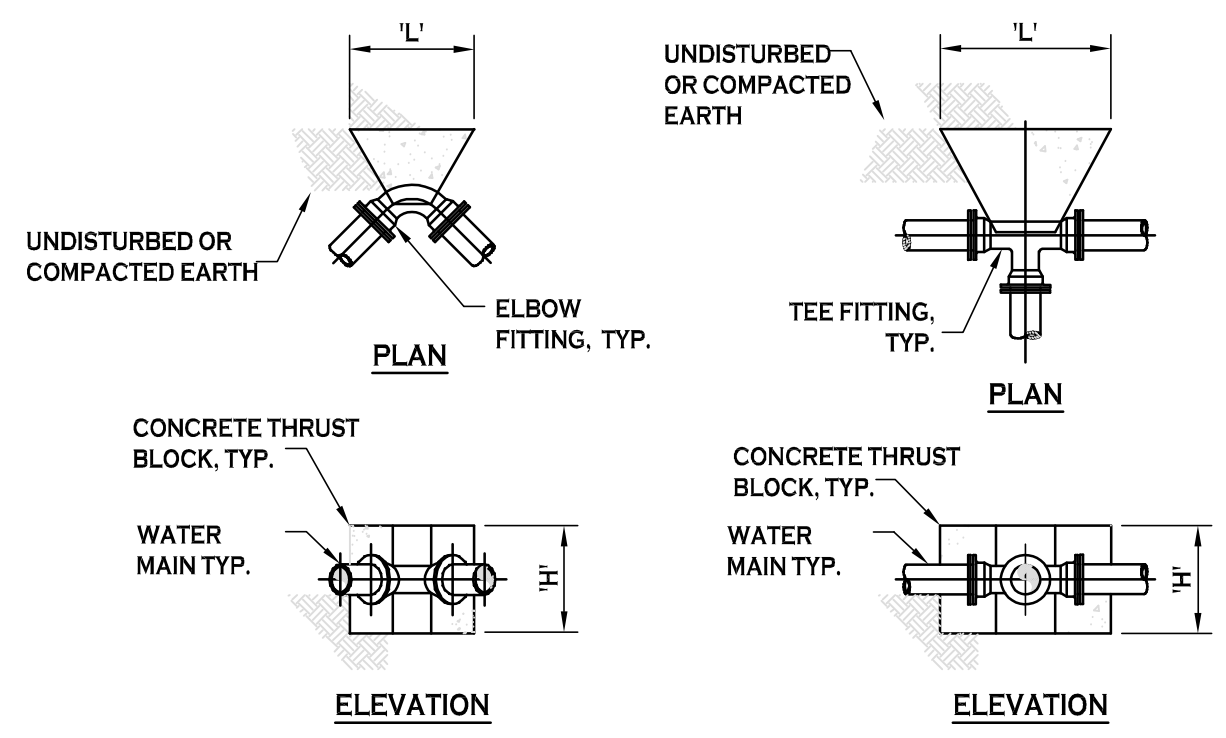


SECTION "B-B" - 6" ASSEMBLY

6" FIRE & 2" DOM RPZ BACKFLOW DEVICE & ENCLSOURE
NOT TO SCALE

- NOTES:**
- BACKFLOW PREVENTER DIMENSIONS FURNISHED BY WATTS.
 - ALL DIMENSIONS ARE IN INCHES.
 - WALL & INSULATION THICKNESS IS 1-1/2".
 - ROOF & INSULATION THICKNESS IS 3".
 - EXTERIOR ENCLOSURE DIMENSIONS: 73"W x 108"L x 83"H.
 - CONCRETE PAD IS 85"W x 120"L x 6" THK W/W.F. 6X6/10X10.
 - METER SHOWN: 2" NEPTUNE T10 W/ STRAINER & METER SUPPLIED BY ECWA. VERIFY DIM'S PRIOR TO ORDERING.
 - RPZ SHOWN: 6" WATTS 709 DCDA (FIRE SERVICE) & 2" WATTS LF009 M2QT RPZ (DOMESTIC SERVICE).
 - CONTRACTOR TO INSTALL ELECTRIC SERVICE TO ENCLOSURE. COORDINATE SOURCE WITH OWNER.
 - INSTALL A 120V GFI OUTLET IN THE ENCLOSURE.
 - HEATERS TO HAVE THERMOSTAT CONTROL.
 - INSTALL DRAIN ON WEST SIDE OF ENCLOSURE TO ENSURE POTENTIAL DISCHARGE IS DIRECTED TO THE PROPOSED BIORETENTION AREA.

NOTE: INSTALL TAMPER SWITCHES ON ALL FIRE SERVICE VALVES.



THRUST BLOCK SCHEDULE

PIPE SIZE	DIMENSION SCHEDULE							
	90° ELBOW		45° ELBOW		22.5° ELBOW		11.25° ELBOW	
	H'	L'	H'	L'	H'	L'	H'	L'
4"	1.5'	2.0'	1.0'	2.0'	1.0'	1.0'	1.0'	1.0'
6"	2.0'	2.5'	1.5'	2.0'	1.0'	1.5'	1.0'	1.5'
8"	2.5'	3.5'	2.0'	2.5'	1.5'	1.5'	1.0'	2.0'
10"	3.0'	4.5'	2.5'	3.0'	1.5'	3.0'	1.0'	2.5'
12"	3.5'	5.0'	3.0'	3.5'	2.5'	2.5'	1.5'	2.5'

DIMENSION SCHEDULE		
PIPE SIZE	TEE OR TAP SLEEVE	
	H'	L'
4"	1.5'	1.0'
6"	1.5'	2.5'
8"	1.5'	3.5'
10"	2.5'	3.5'
12"	3.5'	3.5'

CARMINA WOOD DESIGN
111 Bain Street, Suite 332
Geneva, NY 14456
Phone: (315) 937-9089

Proposed Warehouse
4560 Clinton Street
West Seneca, New York

REVISIONS:	Date
No. Description	



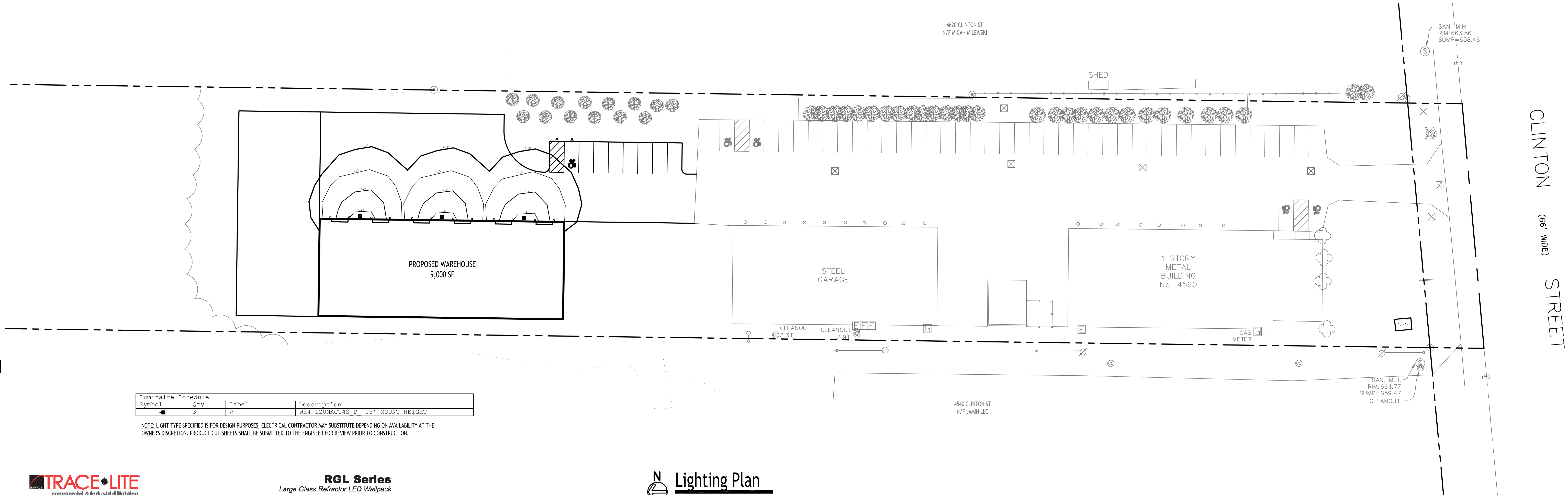
DRAWING NAME:
Water Details

Date: 3/22/23
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-302
Project No: 22.346

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Luminaire Schedule			
Symbol	Qty	Label	Description
■	3	A	WH4-1ZONACT4S P 15' MOUNT HEIGHT

NOTE: LIGHT TYPE SPECIFIED IS FOR DESIGN PURPOSES. ELECTRICAL CONTRACTOR MAY SUBSTITUTE DEPENDING ON AVAILABILITY AT THE OWNER'S DISCRETION. PRODUCT CUT SHEETS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.



RGL Series
Large Glass Refractor LED Wallpack

DESCRIPTION
TRACE LITE's latest generation of large glass refractor LED wallpack features an updated LED light engine that improves efficacy, lumen output and thermal management while still maintaining the consistency of our proven traditional housing. The RGL housing is constructed of die-cast aluminum in a dark bronze finish that provides durable protection against environmental conditions, corrosion and the elements. It is UL Listed for Wet Locations. RGL's light engine is protected by a high-impact borosilicate glass prismatic lens that maximizes light output for general purpose area and security lighting. Optional battery backup option available. This versatile luminaire is ideal to match existing or retrofit HID legacy designs.

- SPECIFICATIONS**
- Construction:**
- Precision die-cast aluminum housing with UV resistant, thermoset polyester powder coat with a dark bronze finish
 - Stainless steel hardware
 - Prismatic borosilicate glass refractor
 - Hinged housing design for ease of installation and maintenance
 - 1/2" knockout on both sides and top of unit



- Optics/LEDs:**
- 100w COB LED light engine delivers up to 11,642 lumens
 - 4000K or 5000K CCT
 - CRI ≥ 71
- Electrical:**
- Class 2 power supply, voltage sensing 120-277VAC, 50/60Hz
 - Standard 0-10VDC dimming driver
 - 10kVA surge protection
 - L70 rated for 52,000 hours at 40°C

- Options:**
- Battery backup offers 90 minutes of runtime for path of egress. Rated for ambient temperatures between 0°C to 40°C (32°F to 104°F)
- Installation:**
- Ideal for mounting to any vertical surface and attaches to a 3" or 4" j-box
 - Can be surface mounted using the 1/2" conduit entry point on both sides of the housing

- Accessories:**
- Field installed button type photocontrol, 120VAC or 277VAC (PC1/PC2)
 - Field installed PIR sensor, 120VAC or 277VAC (TL-MS-120/TL-MS-277)

- Testing & Compliance:**
- UL Listed for wet locations
 - DesignLights Consortium® (DLC) qualified (see QPL for listed models)
 - Operating temperature: -20°C to 40°C (-4°F to 104°F)

- Warranty:**
- 5 year warranty (terms and conditions apply)

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Ordering Information

Model ¹	Description
RGL-100-V8-4K	LED Wallpack, Large glass refractor, 100w, 120-277VAC, 4000K CCT, Bronze finish
RGL-100-V8-4K-BB	LED Wallpack, Large glass refractor, 100w, 120-277VAC, 4000K CCT, Bronze finish, Battery Backup
RGL-100-V8-5K	LED Wallpack, Large glass refractor, 100w, 120-277VAC, 5000K CCT, Bronze finish
RGL-100-V8-5K-BB	LED Wallpack, Large glass refractor, 100w, 120-277VAC, 5000K CCT, Bronze finish, Battery Backup

Accessories ² (Field Installed)	
PC1 = 120VAC Photocontrol	
PC2 = 208-277VAC Photocontrol	
TL-MS-120 = Outdoor PIR sensor, 120VAC, 60Hz	
TL-MS-277 = Outdoor PIR sensor, 277VAC, 60Hz	

¹ Meets 90 minutes runtime for path of egress. Not UL listed with BB option.
² Order as separate line item. Shipped in separate box for final installation in field.

Lighting Plan
SCALE: 1"=30'

CARMINA WOOD DESIGN
1487 Main Street, Suite 500
Seneca, NY 13673
Phone: (315) 842-3165

Proposed Warehouse
4560 Clinton Street
West Seneca, New York

REVISIONS:

No.	Description	Date



DRAWING NAME:
Lighting Plan

Date: 3/22/23
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
LP-100

Project No: 22.346

