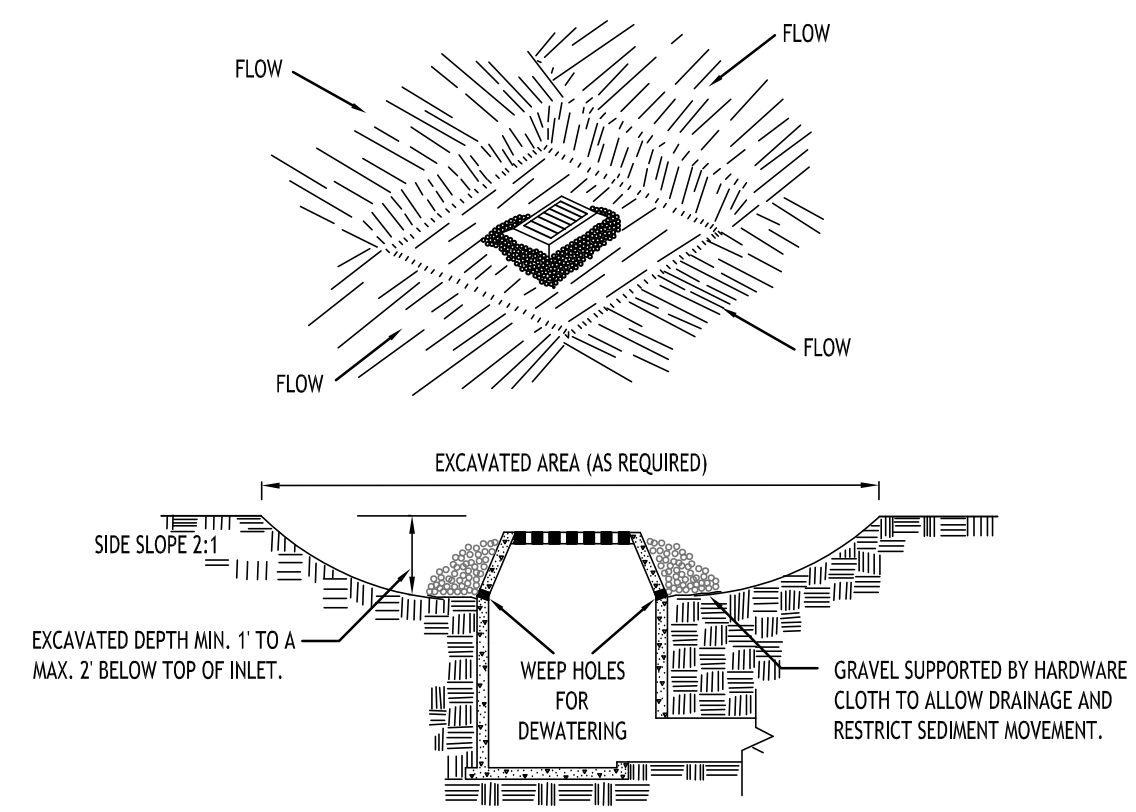


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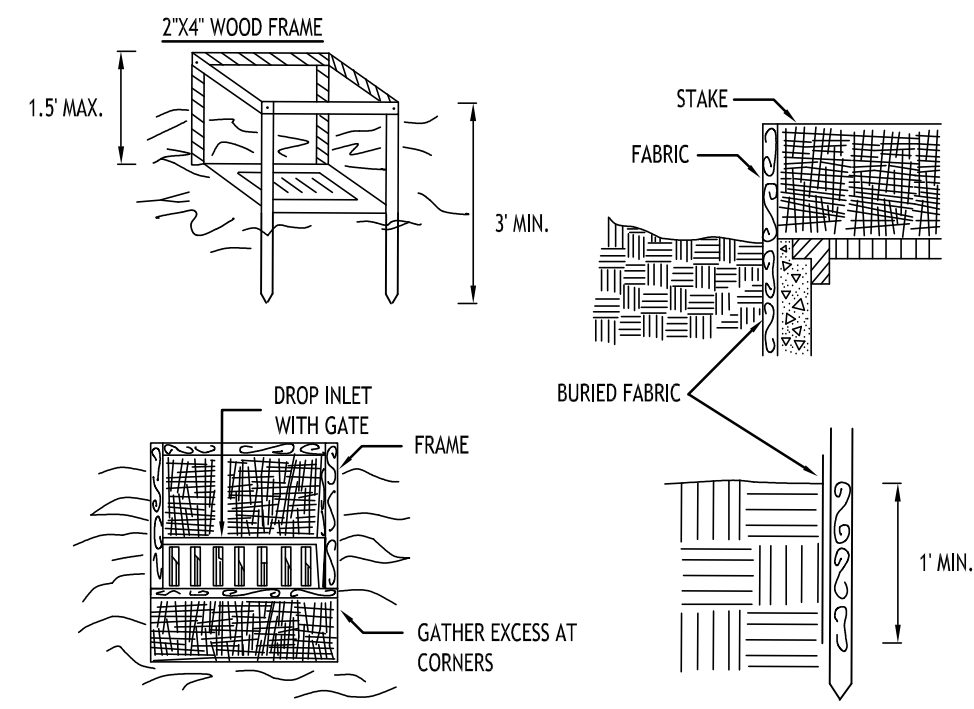
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CONSTRUCTION SPECIFICATIONS

- 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

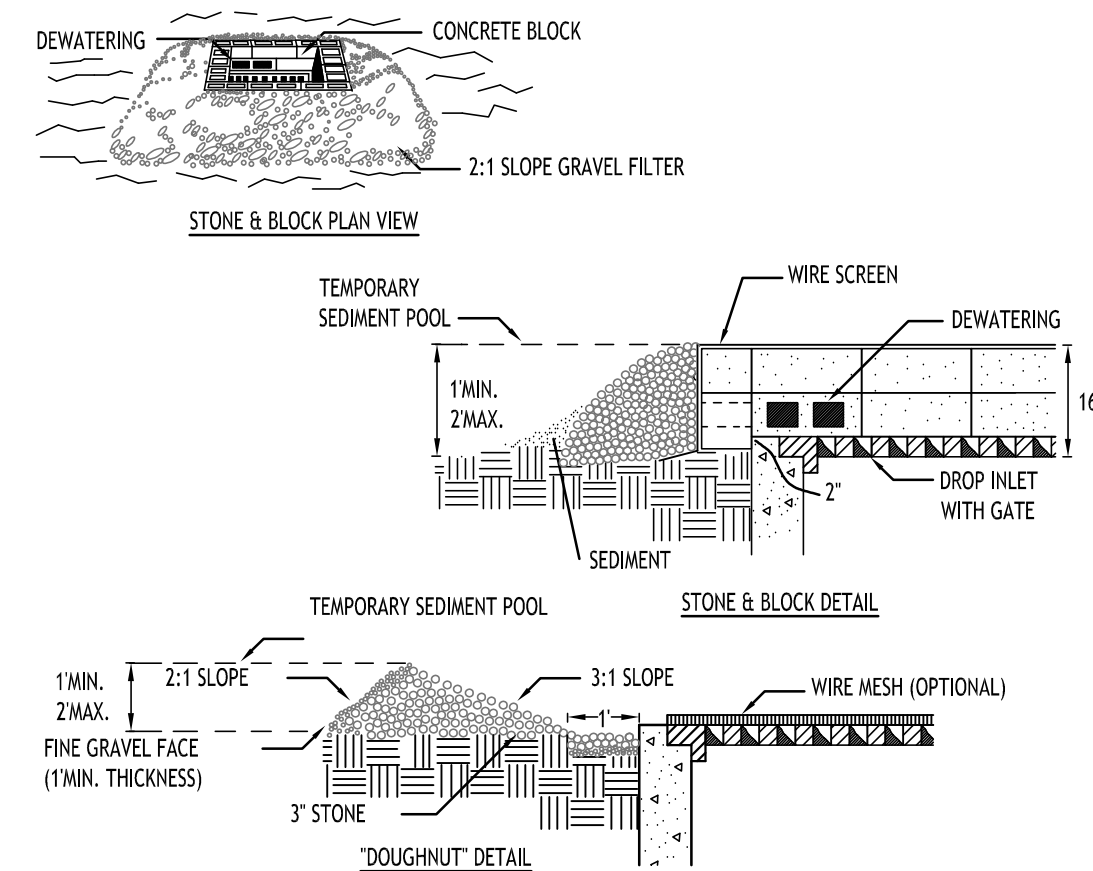
INLET PROTECTION DETAIL 1
NOT TO SCALE



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

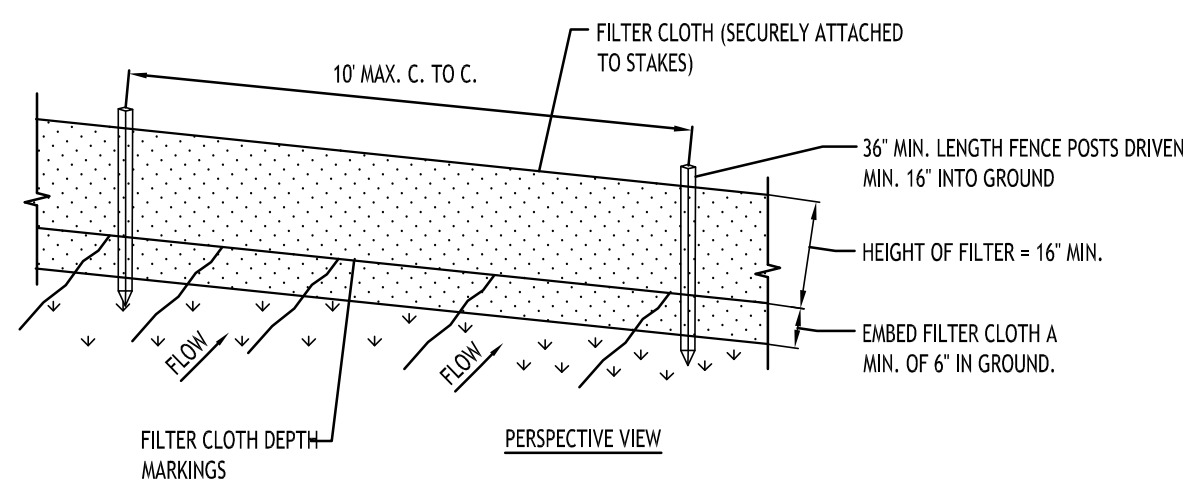


CONSTRUCTION SPECIFICATIONS

- 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

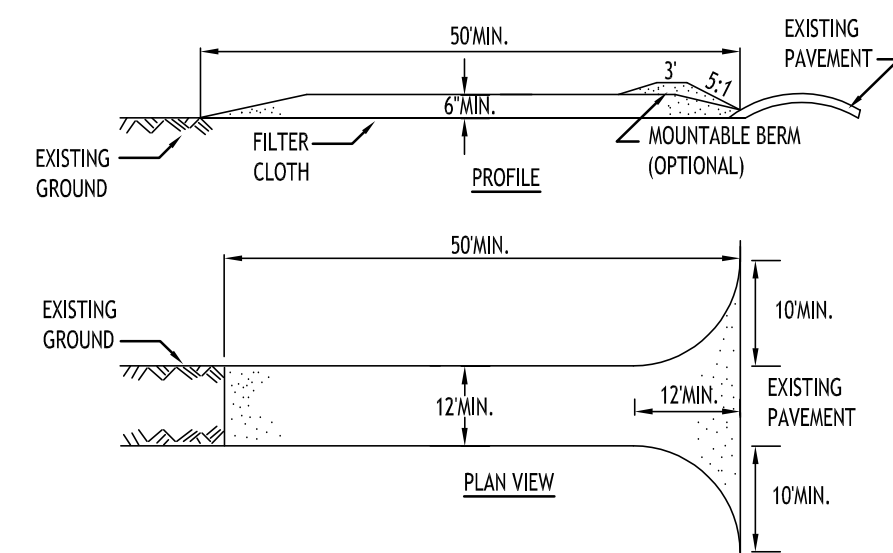
NOTE: INSTALL ONE OF THE INLET PROTECTION OPTIONS SHOWN PRIOR TO CONSTRUCTION



CONSTRUCTION SPECIFICATIONS

- WOVEN FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" 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, MIRAFT 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

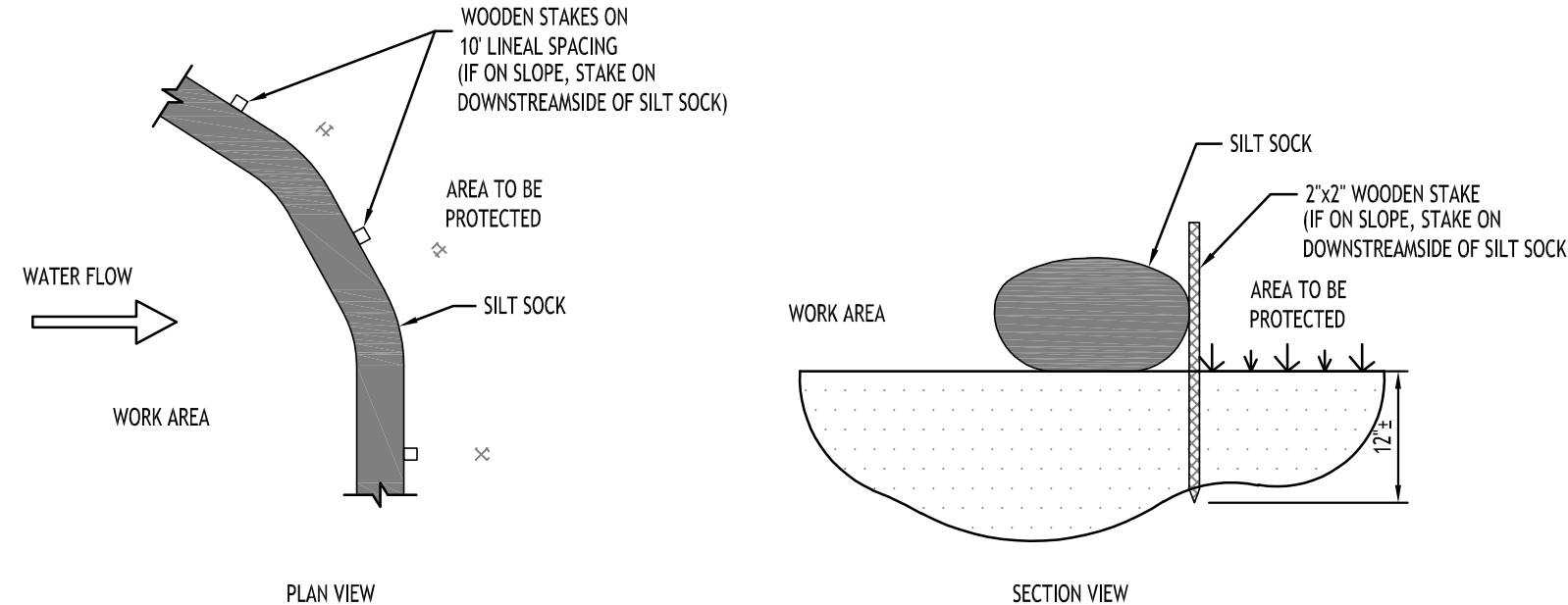
SILT FENCE DETAIL
NOT TO SCALE



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. TWENTYFOUR (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 TRAPPED 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

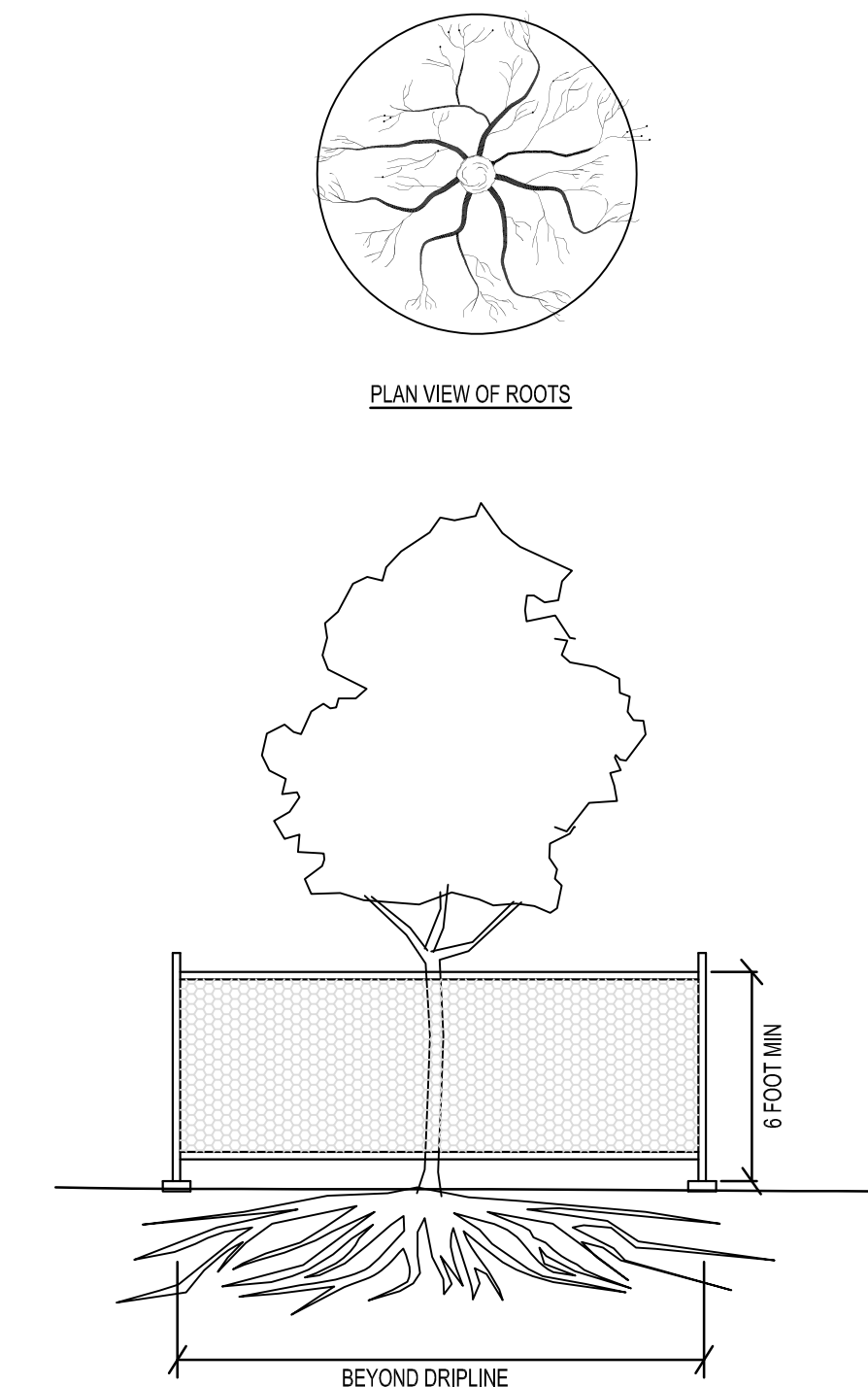


NOTES:

CONTRACTOR SHALL 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

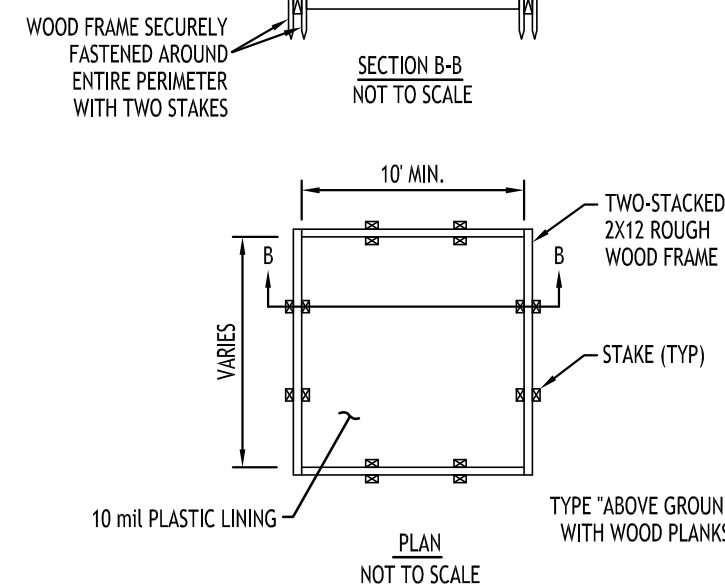
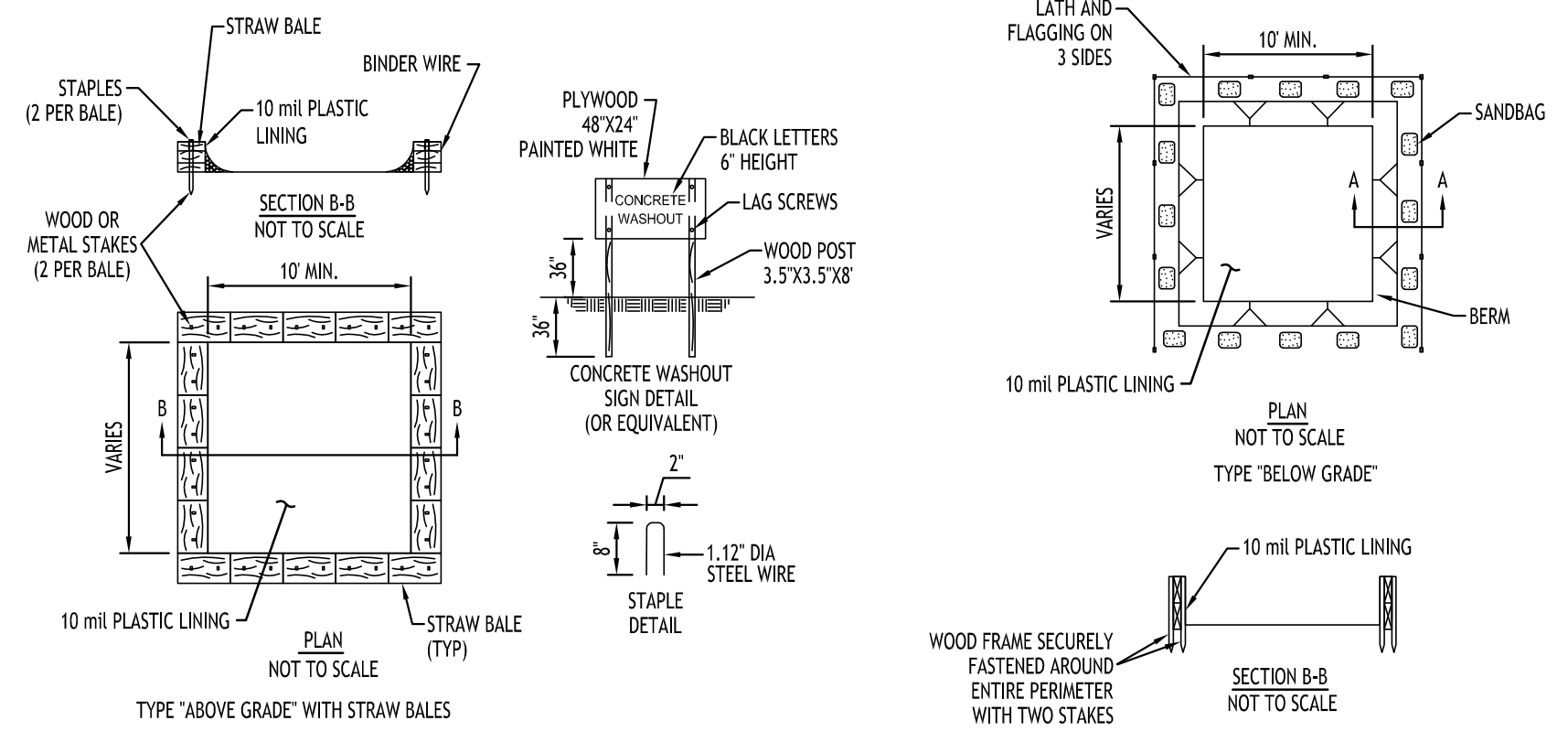


TREE PROTECTION DETAIL
NOT TO SCALE

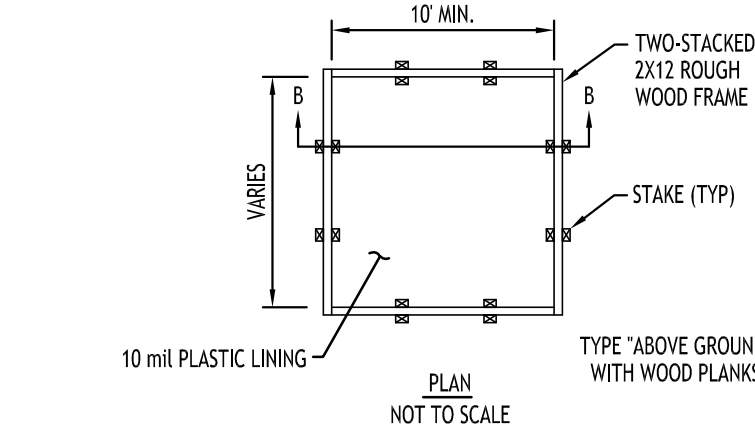
NOTES:

- ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
- A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
- HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.

CONCRETE WASHOUT DETAIL
NOT TO SCALE



CONCRETE WASHOUT DETAIL
NOT TO SCALE



CONCRETE WASHOUT DETAIL
NOT TO SCALE

EXISTING TREE PROTECTION FENCE

MATERIALS

- FENCE: HIGH-DENSITY POLYETHYLENE MESH, ULTRAVIOLET-STABILIZED MIN. 2 YEARS; MINIMUM HEIGHT 4.0 FEET. COLOR: HIGH-VISIBILITY ORANGE OR GREEN. WHEN USED TO PROTECT TREES OR OTHER VEGETATION, COLOR SHALL BE HIGH-VISIBILITY ORANGE.
- POSTS: RIGID METAL OR WOOD POSTS, MINIMUM LENGTH 6.0 FEET.
- TIES: STEEL WIRE, #14 GAUGE OR NYLON CABLE TIES.
- WARNING SIGNS: SHEET METAL, PLASTIC OR OTHER RIGID, WATERPROOF MATERIAL, 1.5 FEET BY 2.0 FEET WITH 4 INCH BLACK LETTERS ON A WHITE BACKGROUND. TEXT SHALL BE: "PROTECTED SITE - KEEP OUT" UNLESS OTHERWISE SPECIFIED.

DETAILS

FENCES SHALL BE ERRECTED PRIOR TO MOVING CONSTRUCTION EQUIPMENT ONTO ANY AREA DESIGNATED FOR PROTECTION.

THE LINE OF FENCES SHALL BE STAKED OR MARKED OUT ON THE GROUND BY THE CONTRACTOR AND APPROVED BY THE ENGINEER/OWNER BEFORE ANY FENCE IS INSTALLED. WHERE USED FOR PROTECTION OF INDIVIDUAL TREES, FENCE SHALL BE PLACED AT THE DRIP LINE (EXTENT OF CANOPY), IF NOT POSSIBLE, PLACEMENT SHALL BE AS CLOSE TO THE DRIP LINE AS POSSIBLE AND IN NO CASE LESS THAN 5.0 FEET AWAY FROM THE TREE TRUNK.

ON APPROVAL OF THE STAKEOUT, POSTS SHALL BE SECURELY DRIVEN ON 6.0 FOOT MAXIMUM CENTERS, NORMAL TO THE GROUND, TO A DEPTH 1/3 OF THE TOTAL POST LENGTH. PLASTIC BARRIER FENCE SHALL BE PLACED ALONG THE SIDE OF ALL POSTS. ENDS OF FENCING SEGMENTS SHALL OVERLAP A DISTANCE OF AT LEAST ONE HALF THE FENCE HEIGHT.

FENCING SHALL BE SECURED TO POSTS WITH WIRE OR CABLE TIES AT TOP, MIDDLE AND BOTTOM OF POST. FASTENER SHALL BE TIGHT ENOUGH TO PREVENT THE FENCING FROM SLIPPING DOWN. OVERLAPS SHALL ALSO BE SECURELY FASTENED.

BARRIER FENCE WHICH IS NOT ORANGE IN COLOR SHALL BE FLAGGED AT 6.0 FOOT INTERVALS WITH RED OR ORANGE FLORESCENT TAPE. WARNING SIGNS SHALL BE MOUNTED ON THE FENCE AT NO MORE THAN 100 FOOT INTERVALS.

MAINTENANCE SHALL COMMENCE IMMEDIATELY AFTER ERECTION OF THE FENCE AND CONTINUE UNTIL ONE WEEK PRIOR TO ACCEPTANCE OF THE CONTRACT, AND SHALL CONSIST OF: REPLACING DAMAGED POST(S) AND FENCING; RE-FASTENING AND TIGHTENING FENCING; AND RESTORING FENCE TO ITS INTENDED HEIGHT.

FENCING USED FOR TREE OR OTHER VEGETATION PROTECTION SHALL NOT BE TEMPORARILY REMOVED TO ALLOW EQUIPMENT ACCESS OVER A PROTECTED AREA, EXCEPT AS REQUIRED FOR ITEMS OF WORK SPECIFICALLY SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER IN WRITING.

CARMINAWOOD
DESIGN
Buffalo | Utica | Greensboro

Mixed Use Project
6812-6832 Main Street & 29, 37 Tennyson Terrace
Amherst, NY

REVISIONS:	No.	Description	Date



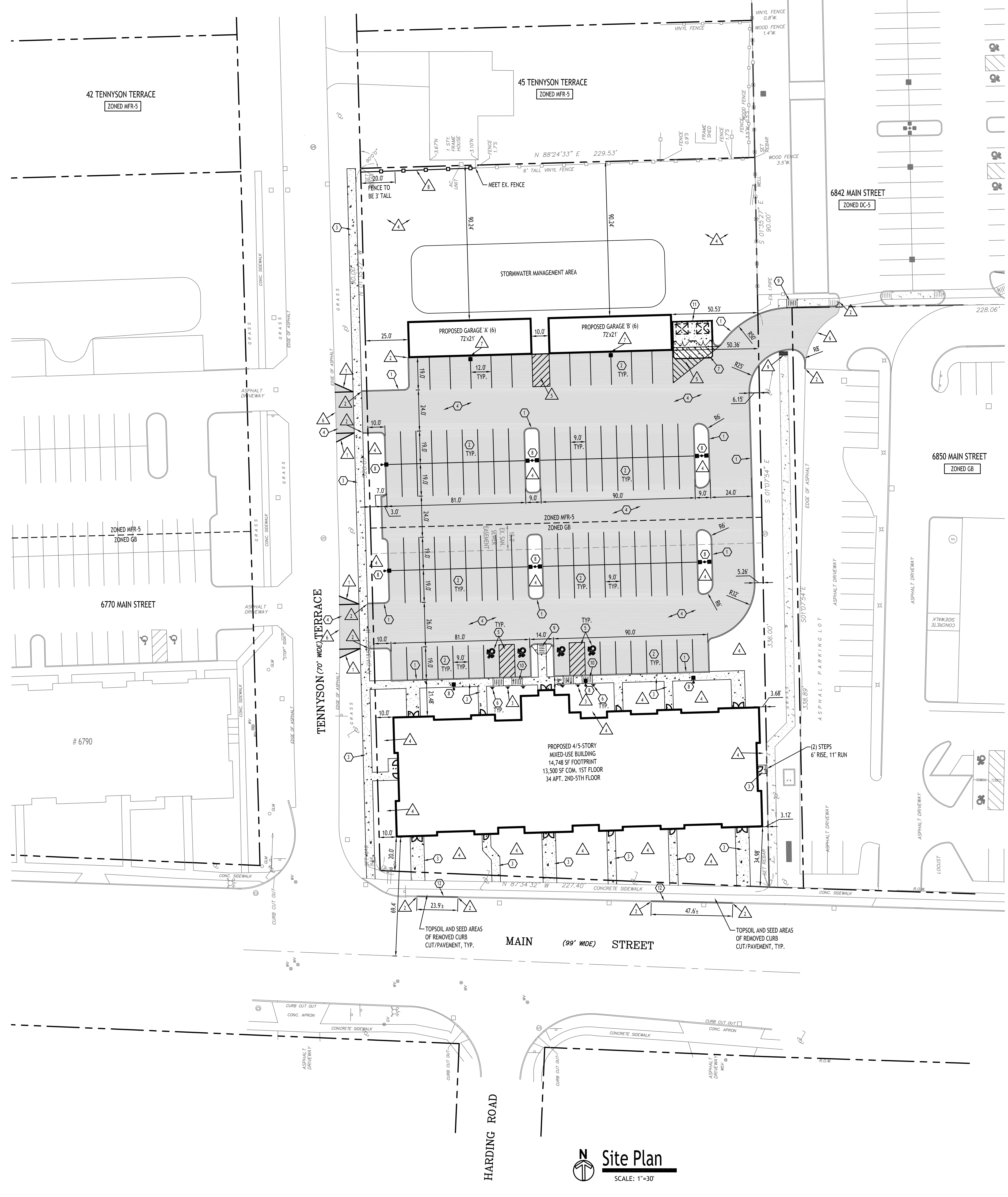
DRAWING NAME:
Demolition & Erosion Control Details

Date: 3/25/24
Drawn by: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-002
Project No: 24-4006

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Site Data		
SITE AREA = 2.2 AC± (TOTAL)		
ZONED: GB (GENERAL BUSINESS) & MFR-5		
USE: PROPOSED 4/5-STORY MIXED USE BUILDING		
SETBACKS - BUILDING	REQUIRED	PROVIDED
FRONT	30 FT.	10 FT. MIN. *
FRONT (FROM % OF MAIN STREET)	115 FT.	69.4 FT. *
SIDE	25 FT.	2.4 FT. *
REAR	25 FT.	N/A
ACCESSORY STRUCT.	20 FT	25.0 FT.
SETBACKS - PARKING		
FRONT	10 FT.	10 FT.
SIDE	5 FT.	5.26 FT. MIN.
REAR	5 FT.	N/A
TOTAL VEHICLE SPACES	117	117
GREENSPACE		
INTERIOR PARKING GREENSPACE:	10% (0.1 AC)	10% (0.10 AC)
OVERALL:	N/A	38.6% (0.85 AC)
MAX. BUILDING HEIGHT	65	65

* VARIANCE GRANTED 12/19/23

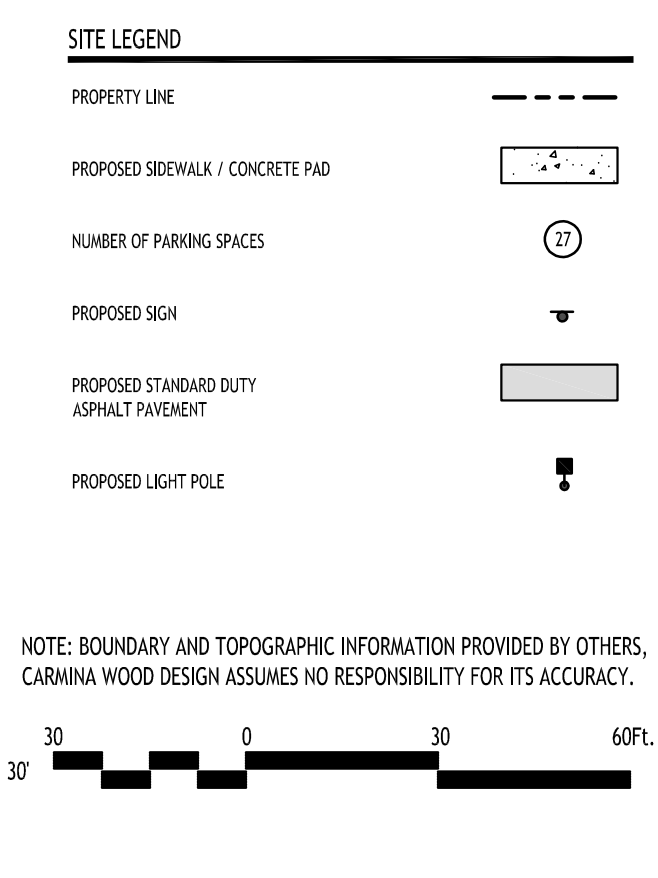
PARKING CALCULATION (per Section 203-7-1-6A)	
APARTMENTS	
2 spaces per dwelling = 2 x 34 units = 68 spaces	
COMMERCIAL	
OFFICE: 1 space per 200 SF = 4,000 SF / 200 = 20 spaces	
RETAIL: 1 space per 1,000 SF = 5,000 SF / 1,000 = 5 spaces	
RESTAURANT: 1 space per 3 seats = 72 seats / 3 = 24 spaces	
TOTAL REQD = 68 + 20 + 5 + 24 = 117 SPACES REQD.	

- 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.
 - ALL HANDICAP RAMPS (NOT WITHIN THE NYS DOT R.O.W.) AND/OR SIDEWALKS FLUSH TO PAVEMENT SHALL HAVE ADA COMPLIANT TACTILE WARNING STRIPS WHERE ENTERING PARKING AREAS/DRIVEWAYS. SIDEWALKS FLUSH TO PAVEMENT WITHIN THE NYS DOT R.O.W. SHALL ADHERE TO THE NOTES AND DESIGN REGULATIONS AS STATED ON NYS DOT STANDARD SHEET 608-01.

- 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 AMHERST 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.

- DETAIL LEGEND** SEE UTIL. PLAN SHEET
- (1) TYPE "A" CONCRETE CURB
 - (2) 90' PARKING STALL
 - (3) CONCRETE SIDEWALK, 5' WIDE UNLESS OTHERWISE NOTED
 - (4) STANDARD DUTY ASPHALT
 - (5) HANDICAP PAVEMENT MARKINGS
 - (6) HANDICAPPED PARKING SIGN
 - (7) 4" WIDE WHITE PAINT STRIPE @ 45' & 2' O.C., INFILL AREA AS SHOWN
 - (8) MATCH EX. PAVEMENT, SAWCUT AS REQD TO ACHIEVE SQUARE EDGE TO MATCH
 - (9) WALL PACK LIGHT, REFER TO LIGHTING PLAN LP-100
 - (10) 6 HT. WHITE VINYL FENCE
 - (11) DETECTABLE WARNING STRIP

- NOTE LEGEND**
- (1) EDGE OF PAVEMENT
 - (2) RAN/CUT CURB IN 2' OR MATCH EXISTING CURB
 - (3) INSTALL "NO PARKING" SIGN, M.U.T.C.D. SIGN NO. R2-1C
 - (4) LANDSCAPED AREA - SEE LANDSCAPE PLAN, IF NO PLANTINGS, INSTALL TOPSOIL & SEED
 - (5) 4" WIDE WHITE PAINT STRIPE @ 45' & 2' O.C., INFILL AREA AS SHOWN
 - (6) MATCH EX. PAVEMENT, SAWCUT AS REQD TO ACHIEVE SQUARE EDGE TO MATCH
 - (7) WALL PACK LIGHT, REFER TO LIGHTING PLAN LP-100
 - (8) 6 HT. WHITE VINYL FENCE
 - (9) DETECTABLE WARNING STRIP



Site Plan
SCALE: 1"=30'

CARMINA WOOD
DESIGN
Buffalo | Utica | Greensboro

Mixed Use Project
6812-6832 Main Street & 29, 37 Tennyson Terrace
Amherst, NY

REVISIONS:	Date
No. Description	



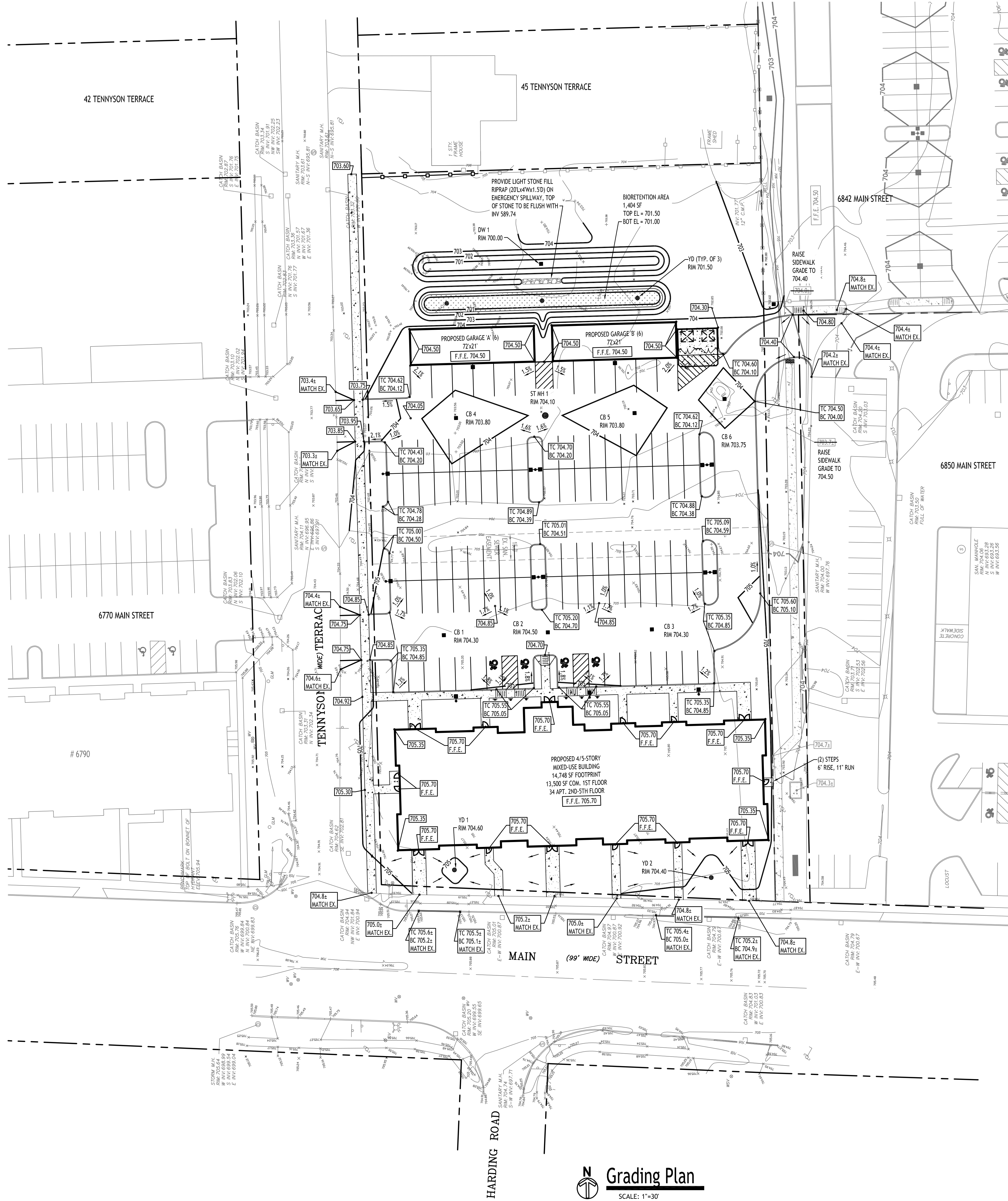
DRAWING NAME:
Site Plan

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-100
Project No: 24-4006

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PROPOSED GRADING LEGEND

PROPOSED CONTOUR	— 101 —
PROPOSED SPOT ELEVATION	100.00
PROPOSED TOP/BOTTOM OF CURB	TC 100.50 BC 100.00
PROPOSED CATCH BASIN	CB
PAVEMENT/GROUND SLOPE	—
PROPOSED MANHOLE	MH
PROPOSED SWALE	---

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

30 0 30 60FT.

REVISIONS:

No.	Description	Date

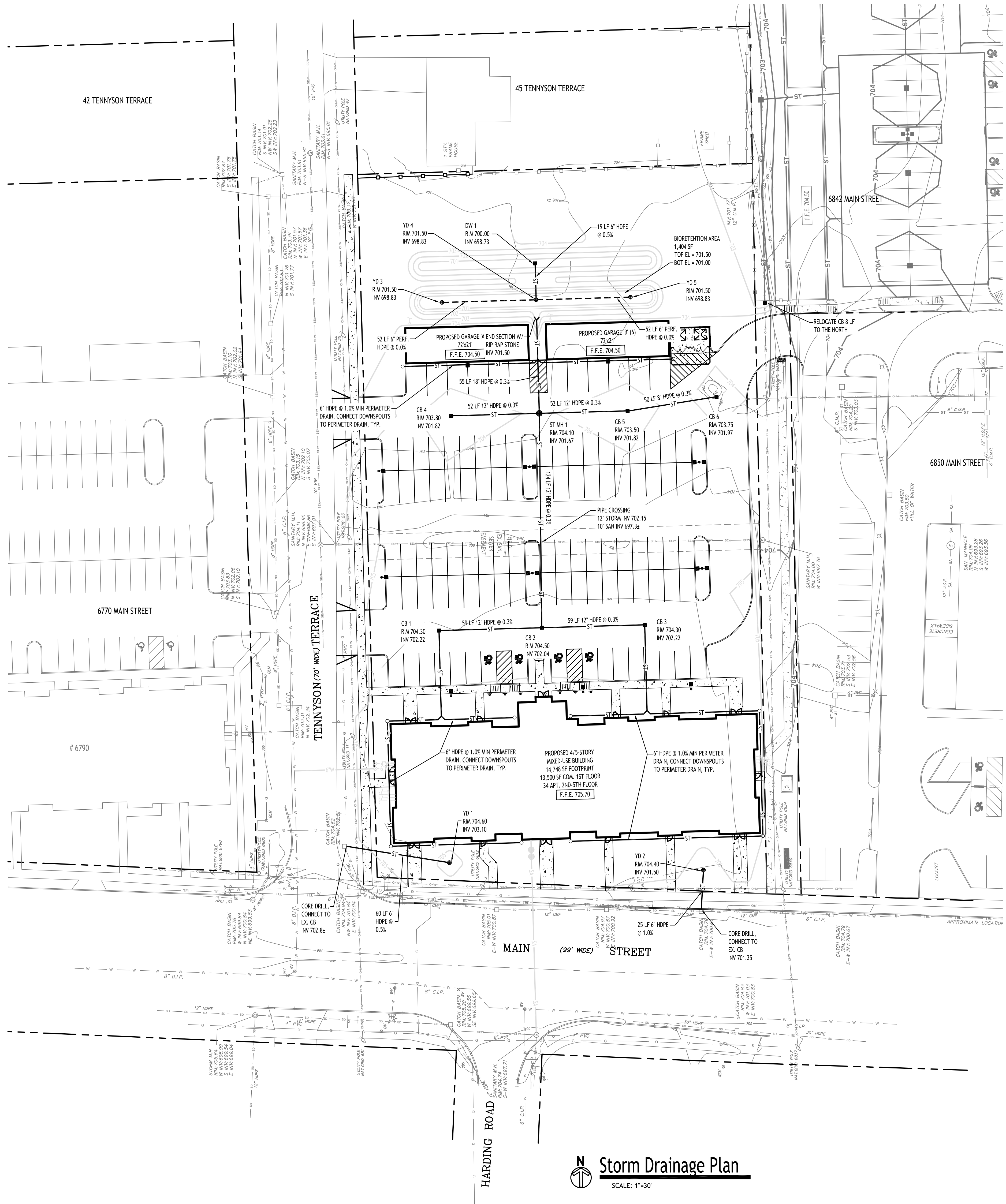


DRAWING NAME:
Grading Plan

Date: 3/25/24
Drawn By: P. Shedy
Scale: As Noted

DRAWING NO.
C-200
Project No: 24-4006

Grading Plan
SCALE: 1"=30'



Storm Drainage Plan
SCALE: 1"=30'

PRE DEVELOPMENT STORMWATER EVENT SUMMARIES (MAIN STREET)

Event	Runoff (cfs)	Volume (cubic-feet)	Depth (inches)
1-Year	0.32	657	1.65
10-Year	0.54	1,161	2.91
25-Year	0.66	1,440	3.61
100-Year	0.91	1,994	4.99

POST DEVELOPMENT STORMWATER EVENT SUMMARIES (MAIN STREET)

Event	Runoff (cfs)	Volume (cubic-feet)	Depth (inches)
1-Year	0.14	353	0.61
10-Year	0.36	906	1.56
25-Year	0.50	1,247	2.15
100-Year	0.77	1,965	3.38

PRE DEVELOPMENT STORMWATER EVENT SUMMARIES (WELL)

Event	Runoff (cfs)	Volume (cubic-feet)	Depth (inches)
1-Year	4.01	7,910	2.10
10-Year	7.93	16,144	4.29
25-Year	10.16	20,958	5.56
100-Year	14.66	30,817	8.17

POST DEVELOPMENT STORMWATER EVENT SUMMARIES (WELL)

Event	Runoff (cfs)	Volume (cubic-feet)	Elevation (ft)
1-Year	0.90	1,512	701.83
10-Year	0.90	2,590	702.25
25-Year	0.90	2,980	702.25
100-Year	0.90	3,758	702.44

- PROPOSED STORM DRAINAGE LEGEND**
- PROPOSED STORM PIPE ——— ST ———
 - PROPOSED PERFORATED STORM PIPE - - - - -
 - PROPOSED CATCH BASIN ■
 - PROPOSED MANHOLE ●
 - PROPOSED CLEANOUT ○
 - CB: CATCH BASIN
 - MH: MANHOLE
 - DW: DRAINAGE WELL

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



DRAWING NAME:
Storm Drainage Plan

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

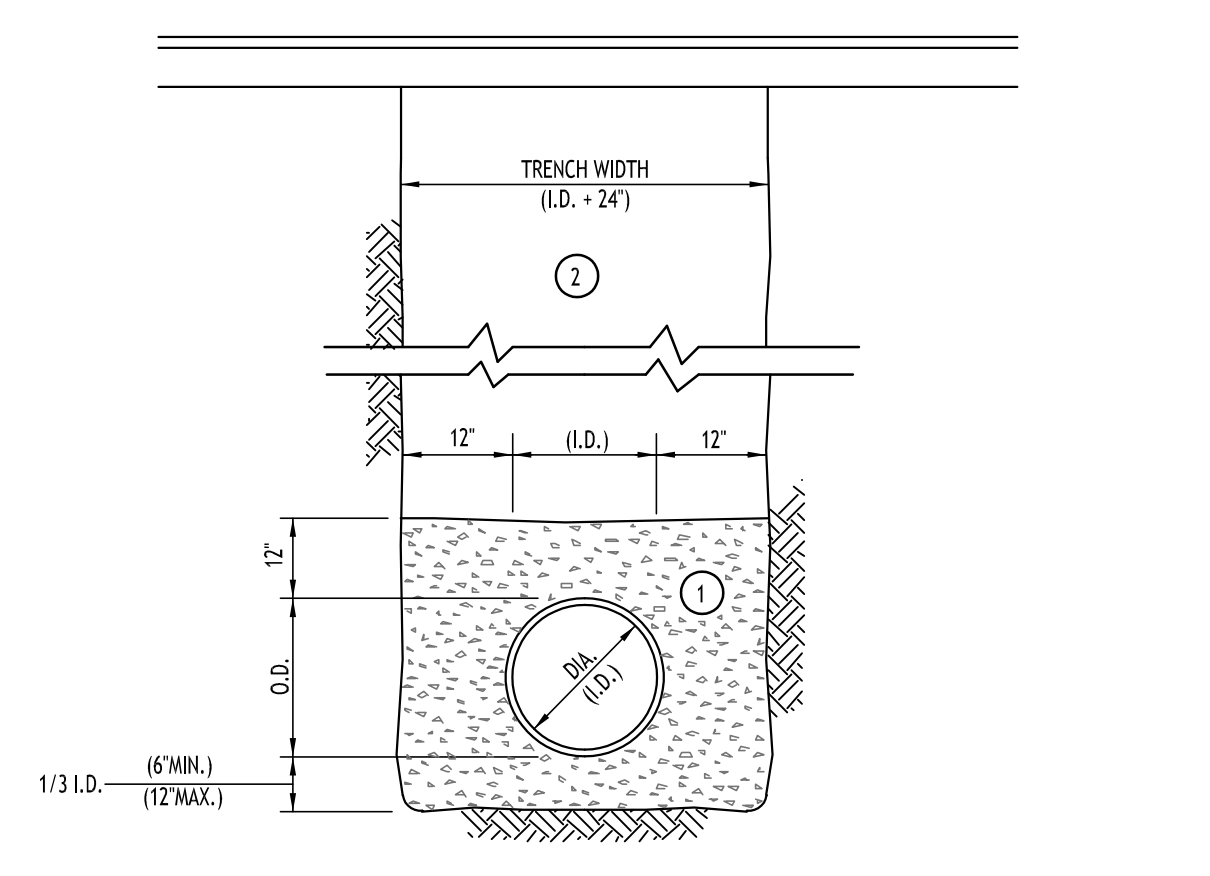
DRAWING NO.:
C-300
Project No: 24-006

REVISIONS:

No.	Description	Date

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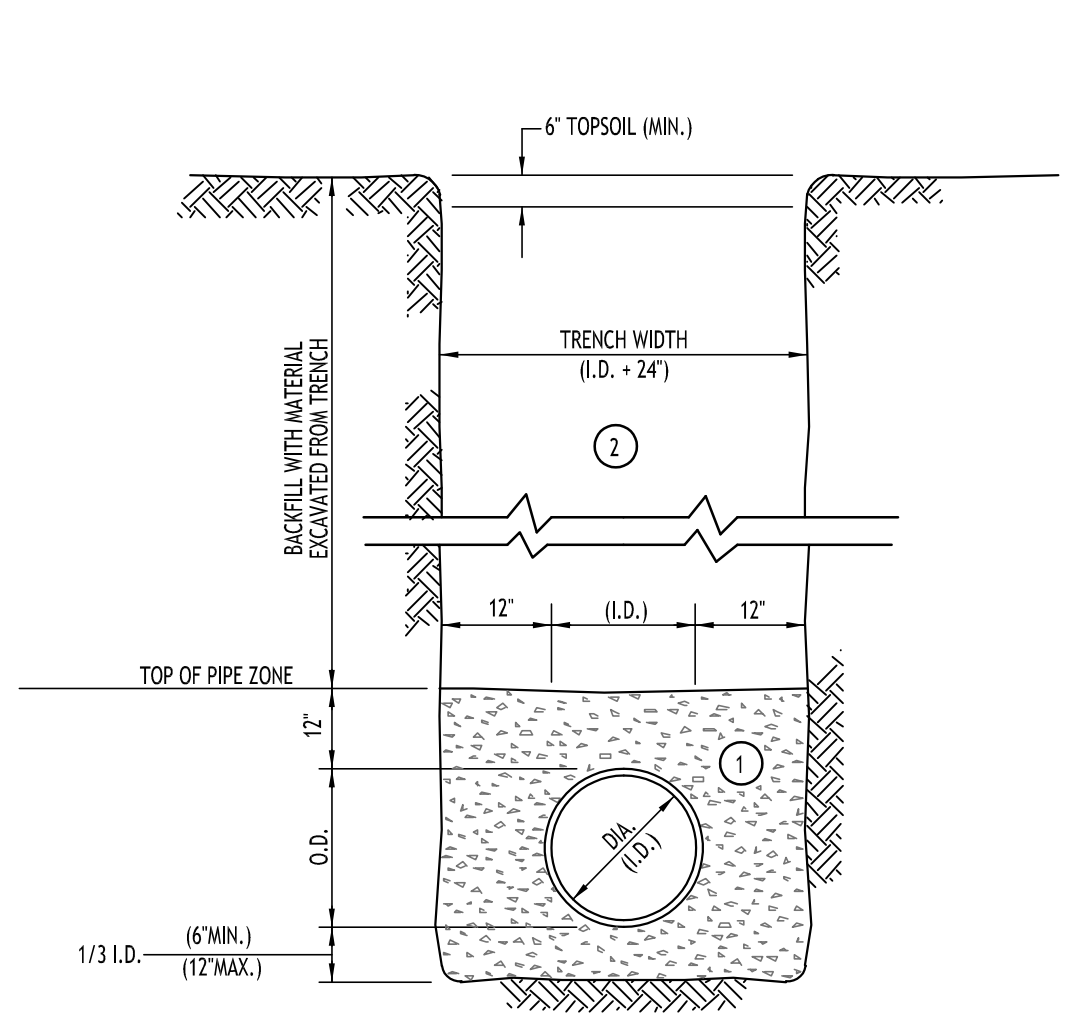


- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH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

STORM SEWER TRENCH SECTION IN PAVED AREAS
NOT TO SCALE

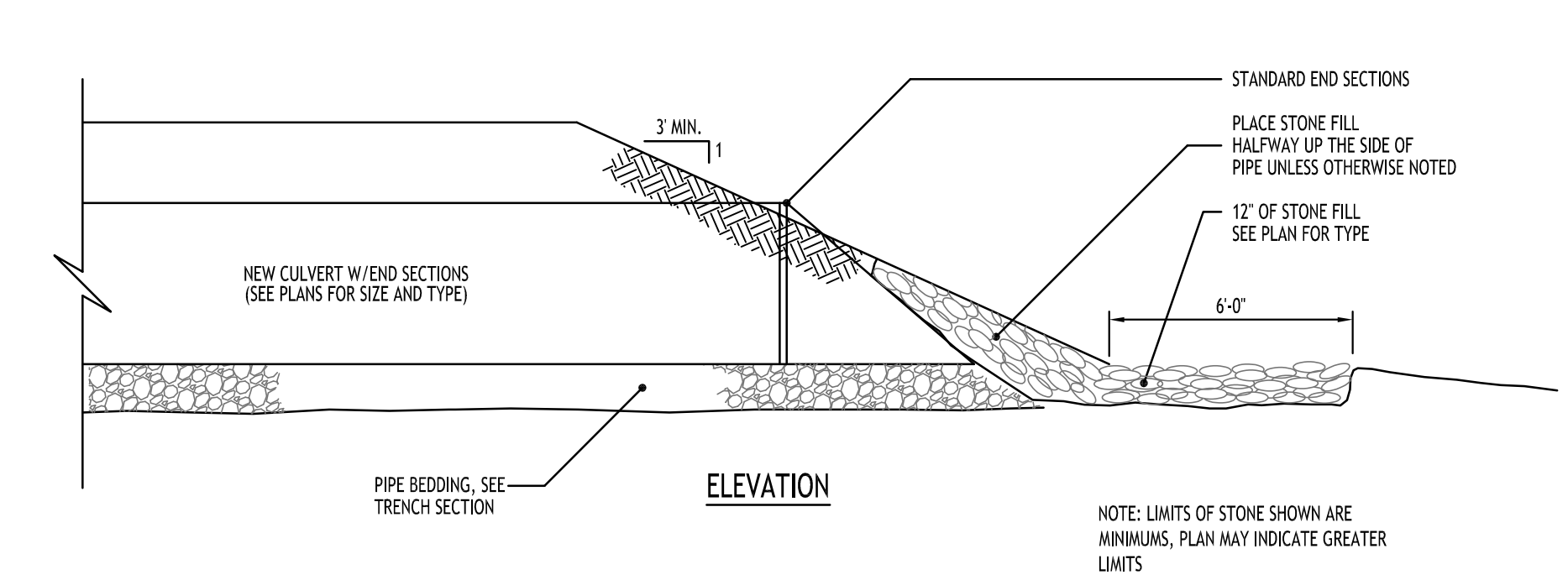
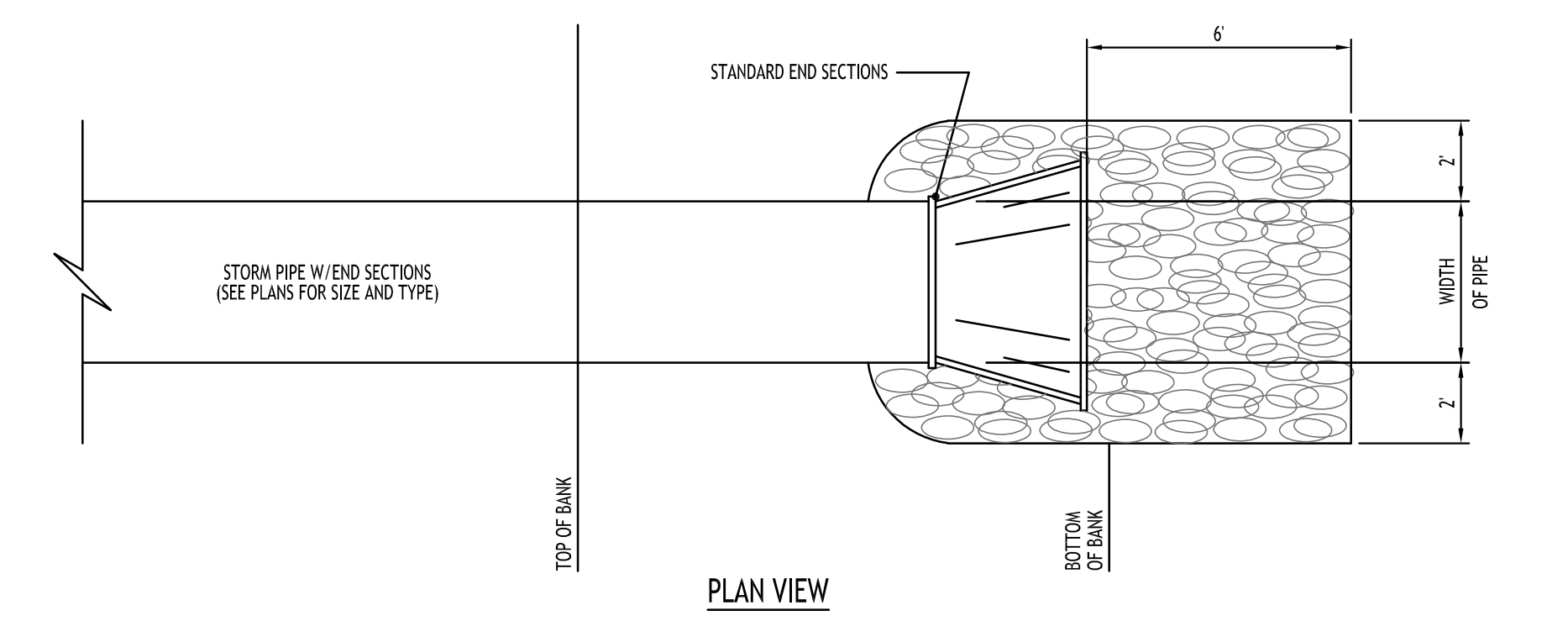


- NOTES:
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 - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
 - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

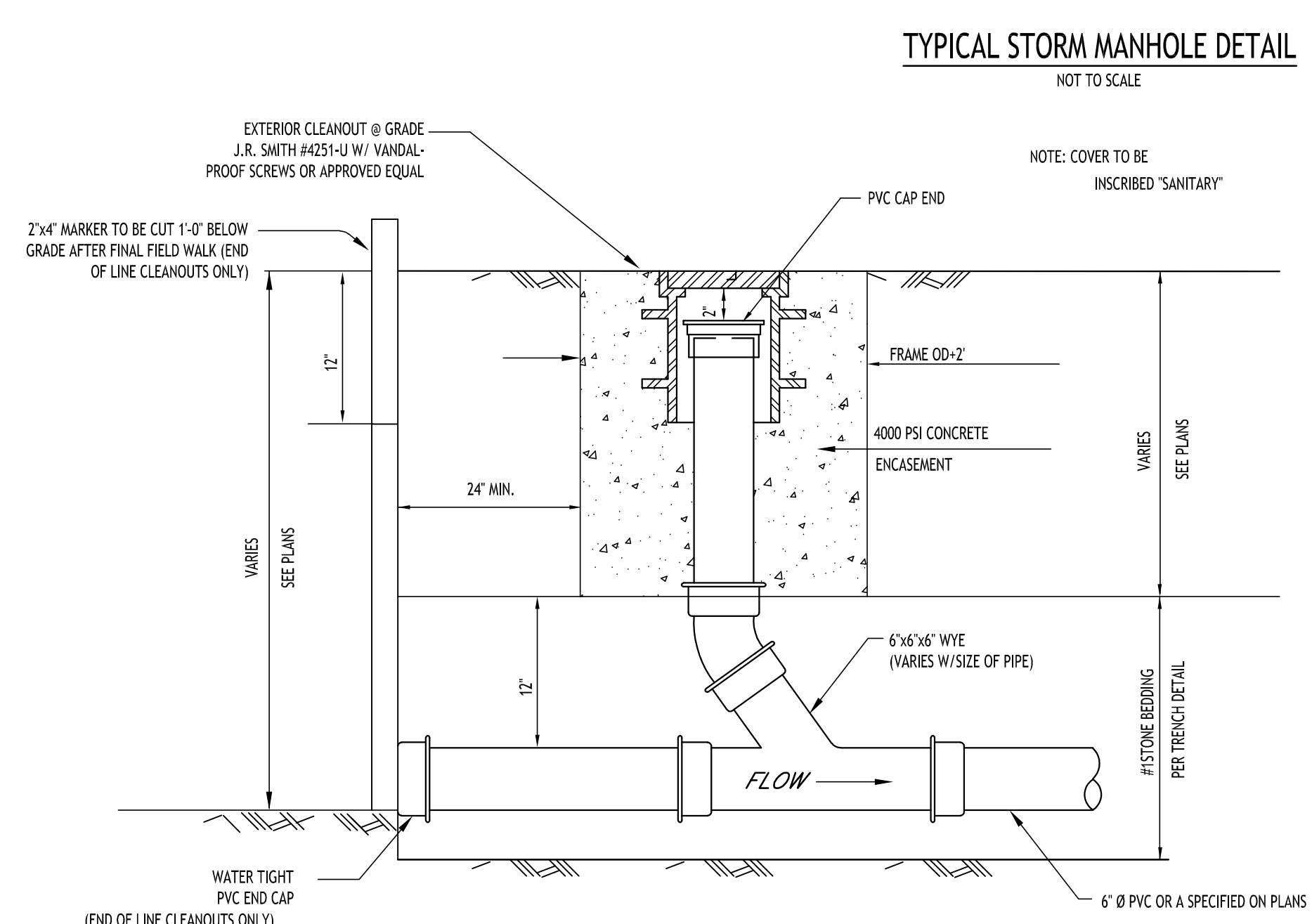
MATERIALS
PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)

- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH 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
- 2 BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL. COMPACTED IN 6" LIFTS.

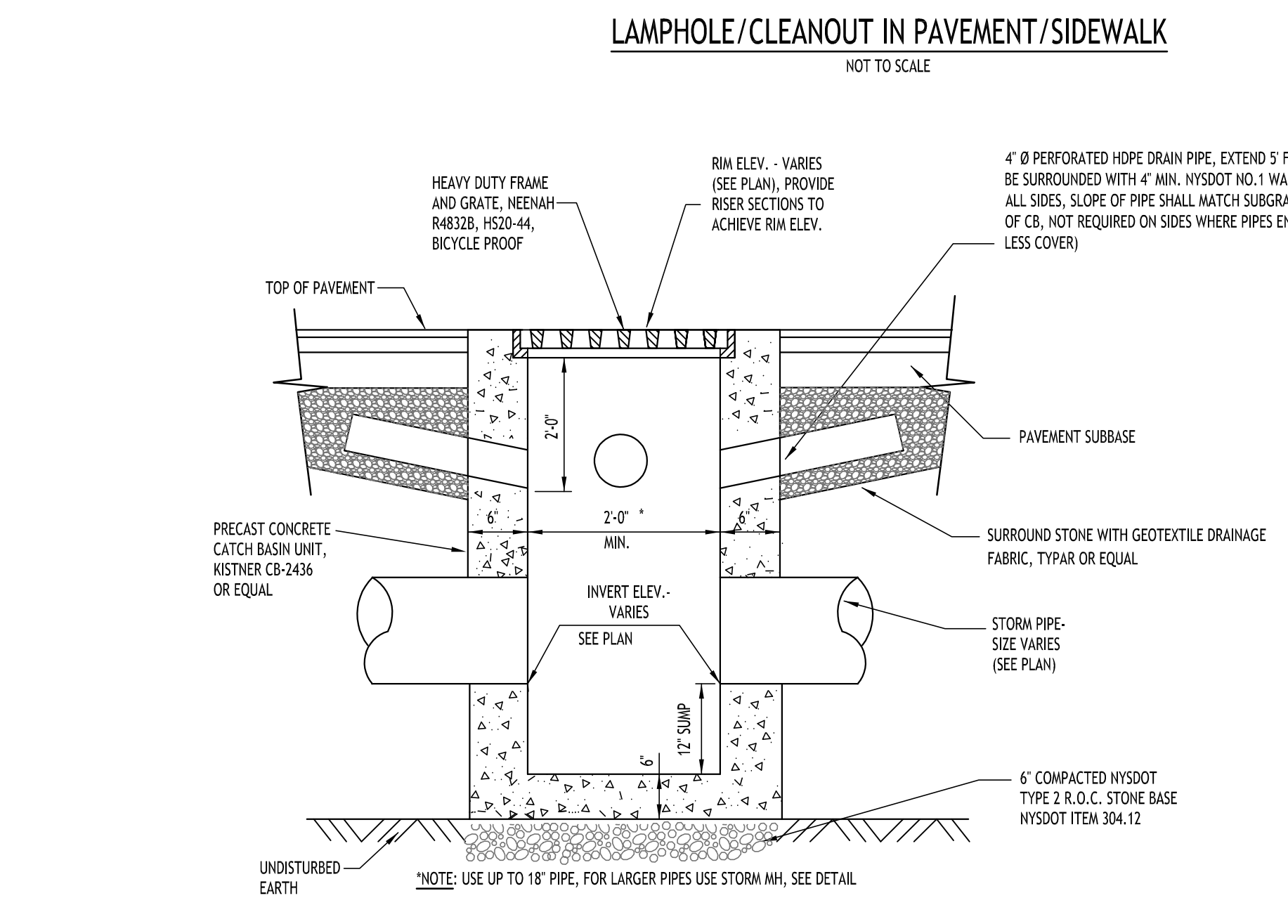
STORM SEWER TRENCH SECTION IN UNPAVED AREAS
NOT TO SCALE



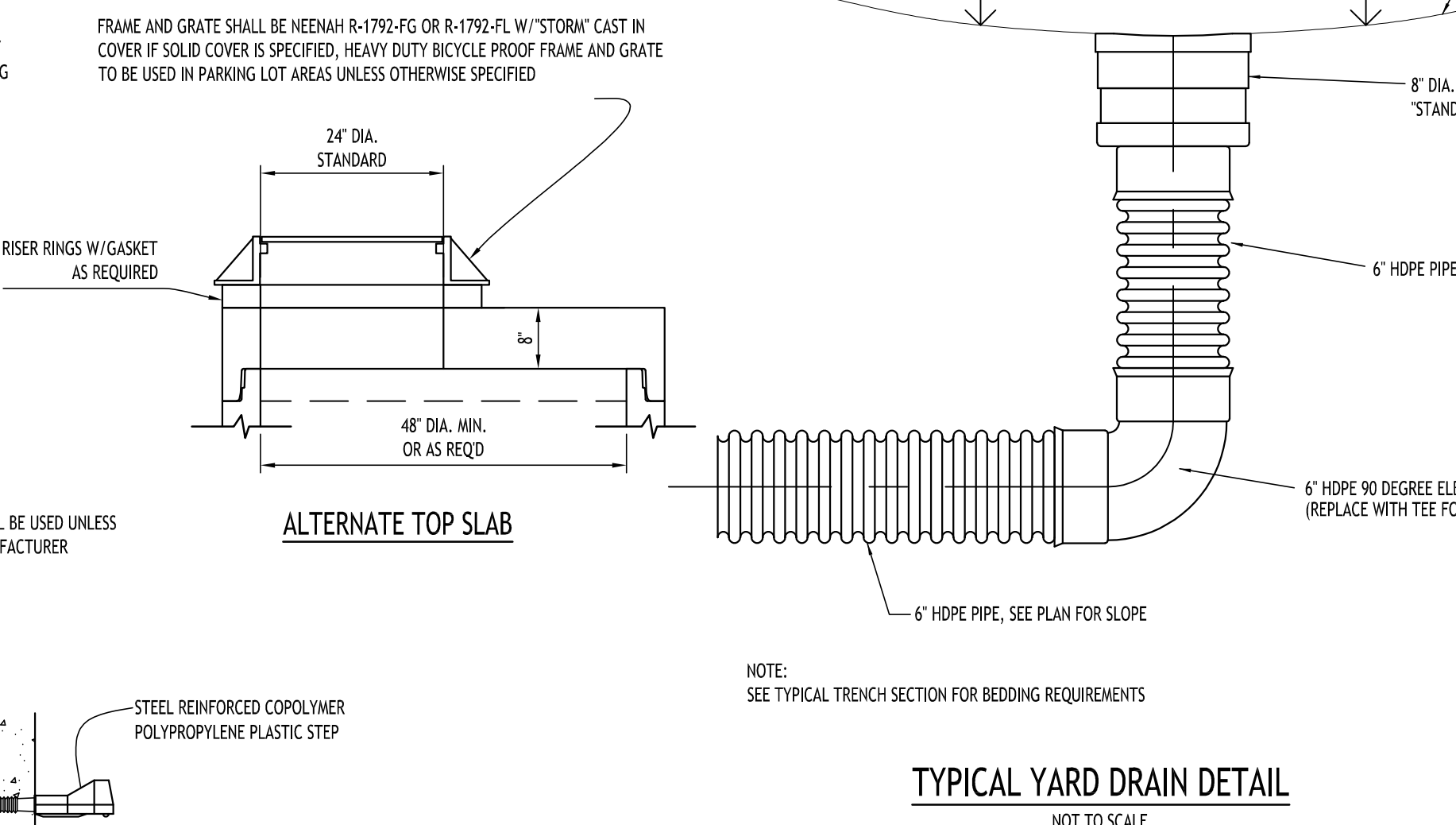
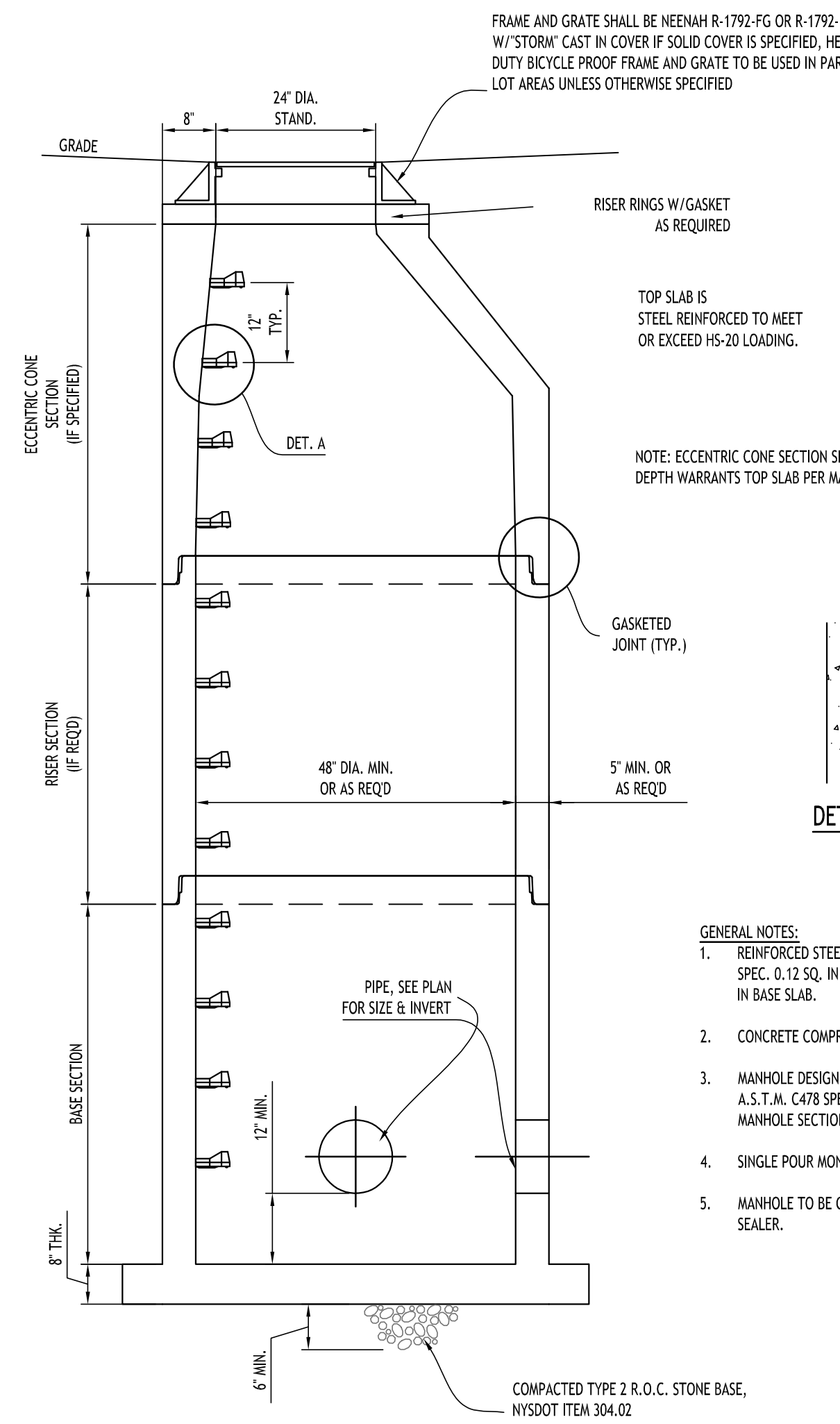
TYPICAL PIPE OUTLET W/ END SECTION & RIP RAP
NOT TO SCALE



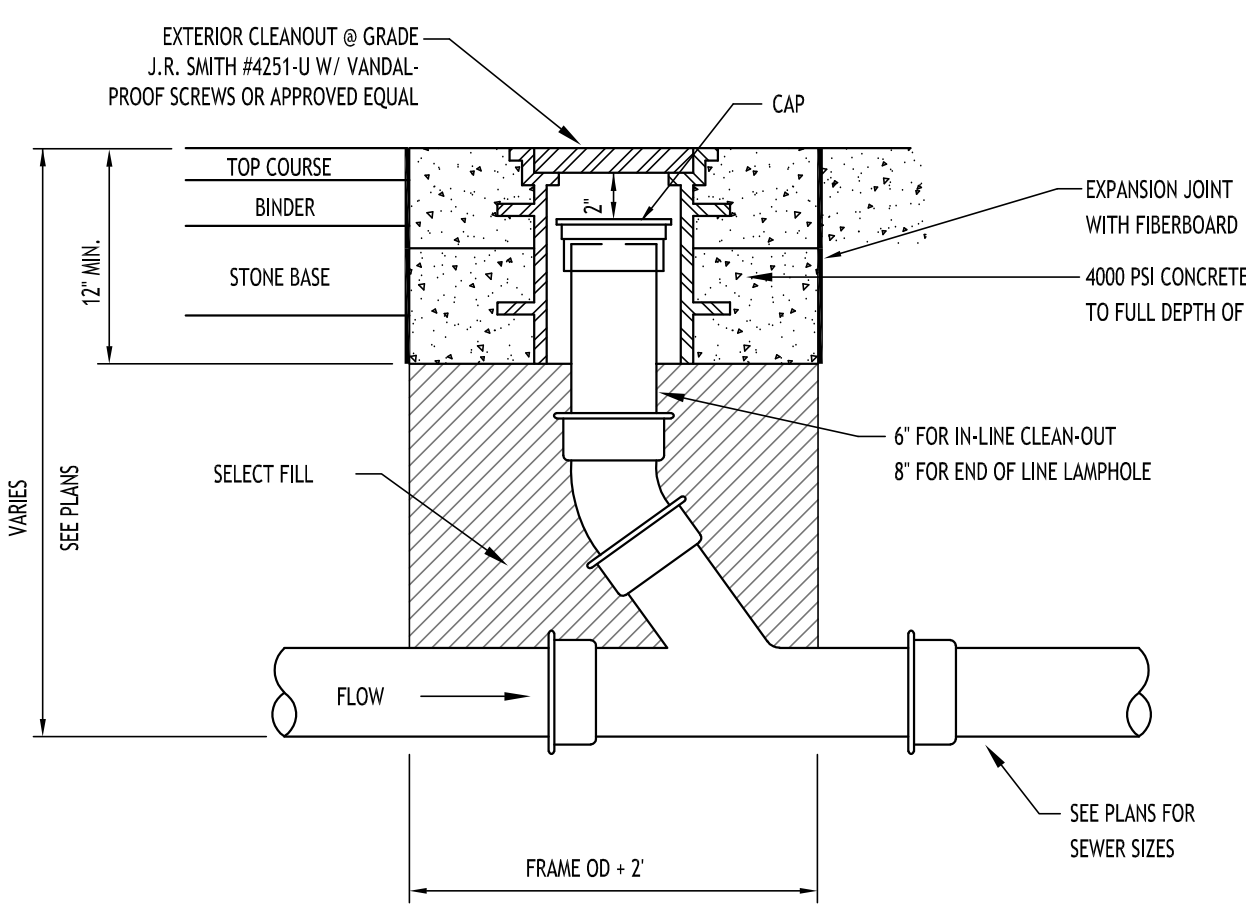
LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS
NOT TO SCALE



TYPICAL PRECAST CATCH BASIN
NOT TO SCALE



TYPICAL YARD DRAIN DETAIL
NOT TO SCALE



LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK
NOT TO SCALE

- GENERAL NOTES:
1. REINFORCED STEEL TO CONFORM TO LATEST A.S.T.M. A185 SPEC. 0.12 SQ. IN./LINEAL FT. AND 0.12 SQ. IN. (BOTH WAYS) IN BASE SLAB.
 2. CONCRETE COMPRESSIVE STRENGTH - 4000 PSI MINIMUM.
 3. MANHOLE DESIGN SPECIFICATIONS TO CONFORM TO LATEST A.S.T.M. C478 SPEC. FOR PRE-CAST REINFORCED CON-CRETE MANHOLE SECTIONS.
 4. SINGLE POUR MONOLITHIC BASE SECTION.
 5. MANHOLE TO BE COATED ON OUTSIDE WITH BITUMASTIC SEALER.

Revisions:	No.	Description	Date



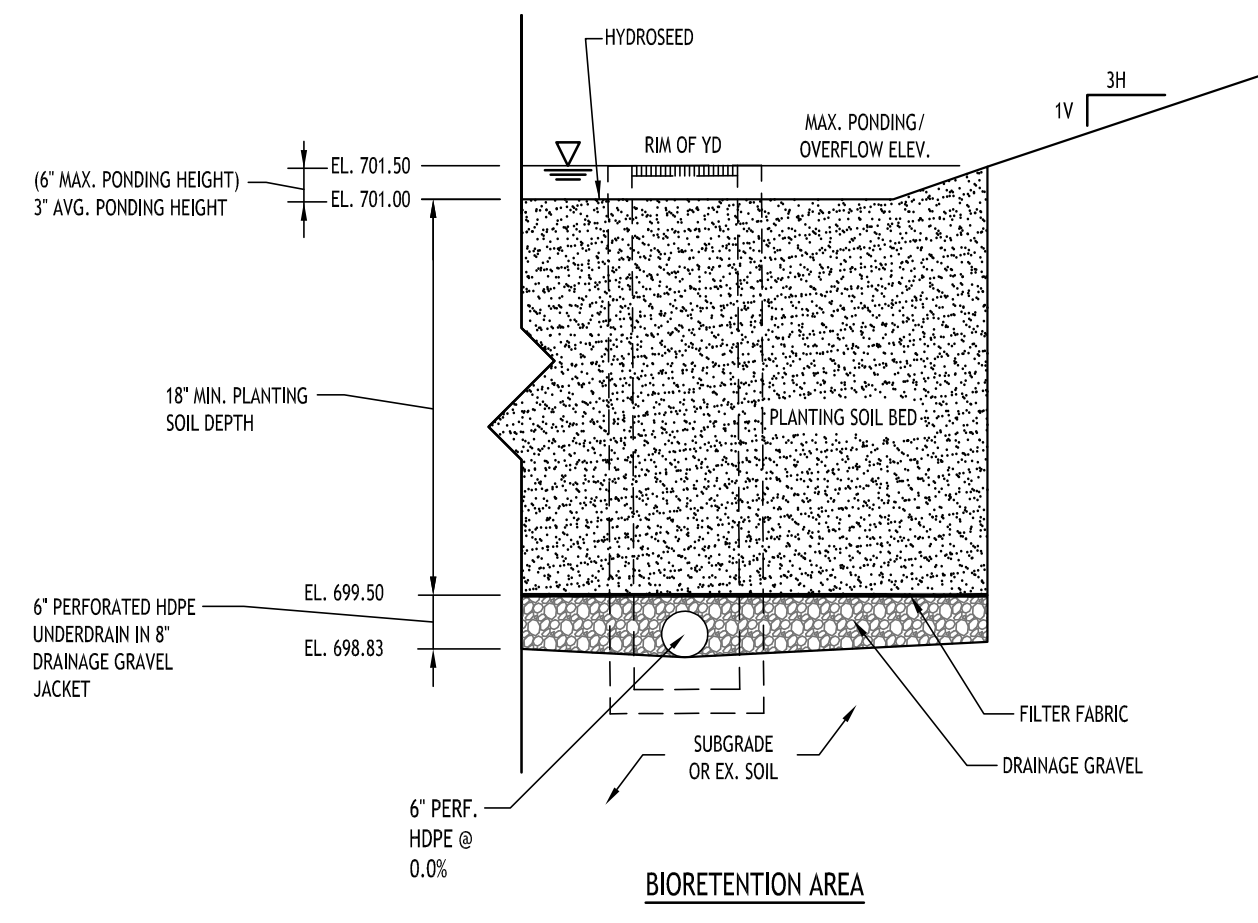
DRAWING NAME:
Storm Drainage Details

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.
C-301
Project No: 24-4006

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BIORETENTION AREA - TYPICAL SECTION
NOT TO SCALE

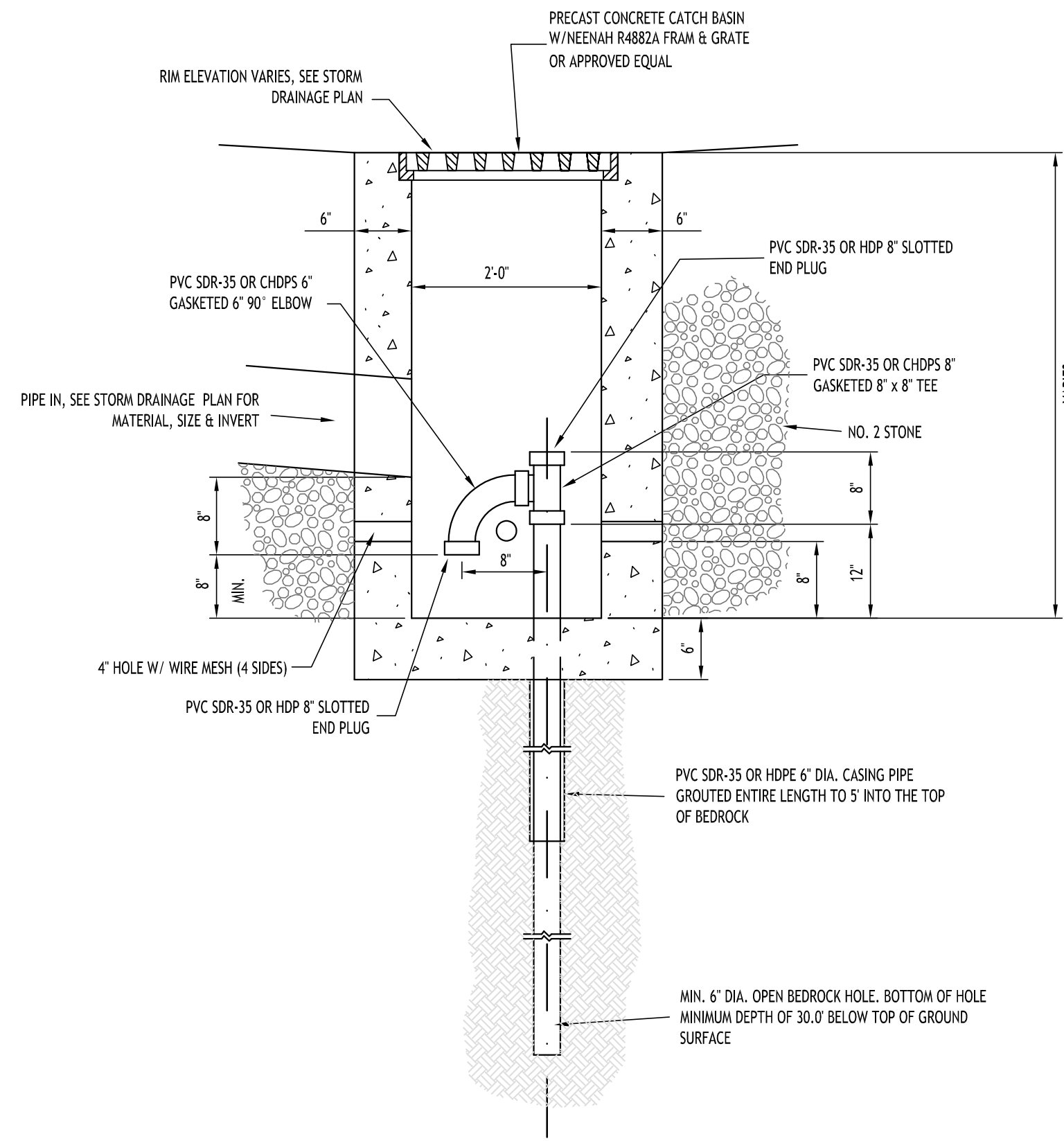
- NOTES:**
1. FILTER FABRIC TO BE NON-WOVEN CLASS C, MIRAFL 180-H OR APPROVED EQUIVALENT
 2. DRAINAGE GRAVEL TO MEET AASHTO M-43, M0.67, SIZE 0.25" TO 0.75"
 3. CONTRACTOR TO PROVIDE PLANTING SOIL SUBMITTAL SPECIFICATION FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

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 SA 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
Wetland Foxtail	Alopercurus arundinaceus	11.0
Annual Ryegrass	Lolium multiflorum	4.5
Deertongue	Panicum clandestinum	4.5



TYPICAL DRAINAGE WELL
NOT TO SCALE

- NOTES:**
1. CONSTRUCTION OF STORM DRAINAGE WELLS TO BE IN ACCORDANCE WITH RECOMMENDATIONS OF BUFFALO DRILLING COMPANY, INC.
 2. STORM DRAINAGE WELLS TO BE CONSTRUCTED AS MINIMUM 6" DIAMETER OPEN BEDROCK WELLS EXTENDING MINIMUM OF 30 FEET BELOW EXISTING GROUND SURFACE.
 3. EACH STORM DRAINAGE WELL TO BE FIELD TESTED TO DETERMINE INTAKE VALUE, THIS VALUE TO BE APPROVED BY OWNER.
 4. 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.
 5. REGULAR PERIODIC INSPECTION AND MAINTENANCE OF STORM DRAINAGE WELLS IS RECOMMENDED. MAINTENANCE TO INCLUDE REMOVAL OF ACCUMULATED OILS AND SEDIMENT FROM SUMPS IN CURB INLETS AND STORM DRAINAGE WELLS AS WELL AS PERIODIC FLUSHING OF STORM DRAINAGE WELLS WITH WATER AND AIR.

REVISIONS:	No.	Description	Date



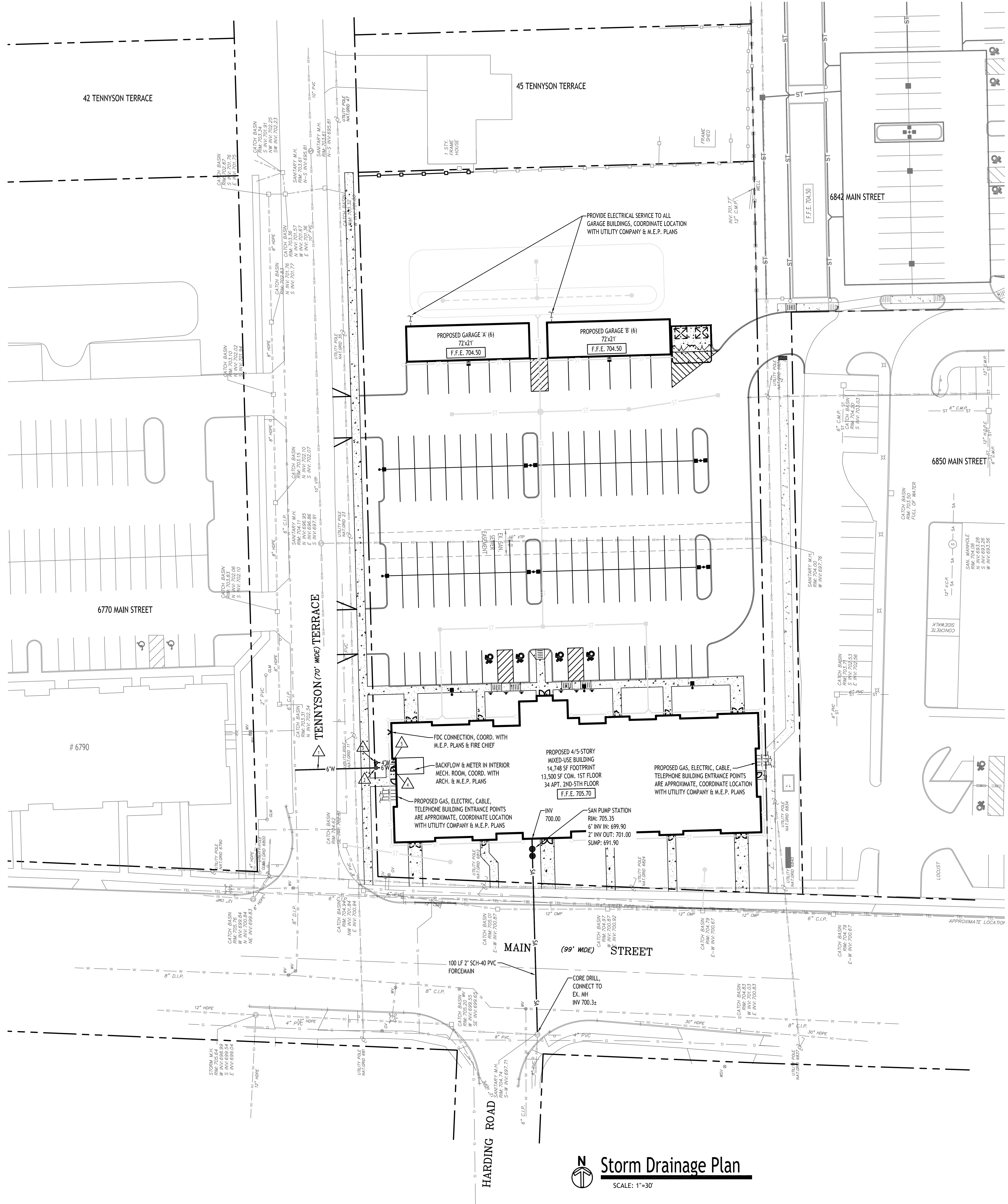
DRAWING NAME:
Storm Drainage
Details

Date: 3/25/24
 Drawn By: P. Sheedy
 Scale: As Noted

DRAWING NO.:

C-302

Project No: 24-4006



- WATER NOTE LEGEND**
- ▲ 6" CLASS 52 DUCTILE IRON
 - ▲ VALVE AND BOX
 - ▲ GATE VALVE AND BOX
 - ▲ AWWA C-900 PVC FIRE SERVICE
 - ▲ AWWA C-900 PVC DOMESTIC SERVICE

- PROPOSED UTILITY LEGEND**
- PROPOSED WATER LINE: — W —
 - PROPOSED SANITARY SEWER: — SA —
 - PROPOSED UTILITY CONNECTIONS (GAS, ELEC., CABLE, TEL., ETC.): — U —
 - PROPOSED GATE VALVE: ⊗
 - PROPOSED CLEANOUT: ○
 - INSTALL SELECT BACKFILL: //

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

- 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 @ 1.0S 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 CTV & 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.
- NOTES:**
- ALL SANITARY SEWER CONSTRUCTION SHALL CONFORM TO THE TOWN OF AMHERST SPECIFICATIONS AND DETAILS, AND ERIE COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS.
 - PRIOR STARTING ANY WORK ASSOCIATED WITH OR NEAR EXISTING SANITARY MANHOLES, THE CONTRACTOR SHALL MEET WITH THE TOWN OF AMHERST TO DISCUSS AND AGREE TO THE WORK.
 - FILL SHALL BE PLACED AND SATISFACTORILY COMPACTED PRIOR TO INSTALLATION OF UTILITIES, AND MUST BE APPROVED BY THE SUPERVISING PROJECT ENGINEER.
 - ALL SANITARY SEWER IS TO CONSTRUCTION IS TO CONFORM TO TOWN OF AMHERST SEWER DISTRICT RULES AND REGULATIONS.
 - ALL OTHER REQUIRED PERMITS BY THE STATE OF NEW YORK, COUNTY OF ERIE AND TOWN OF AMHERST ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER.

REVISIONS:	No.	Description	Date



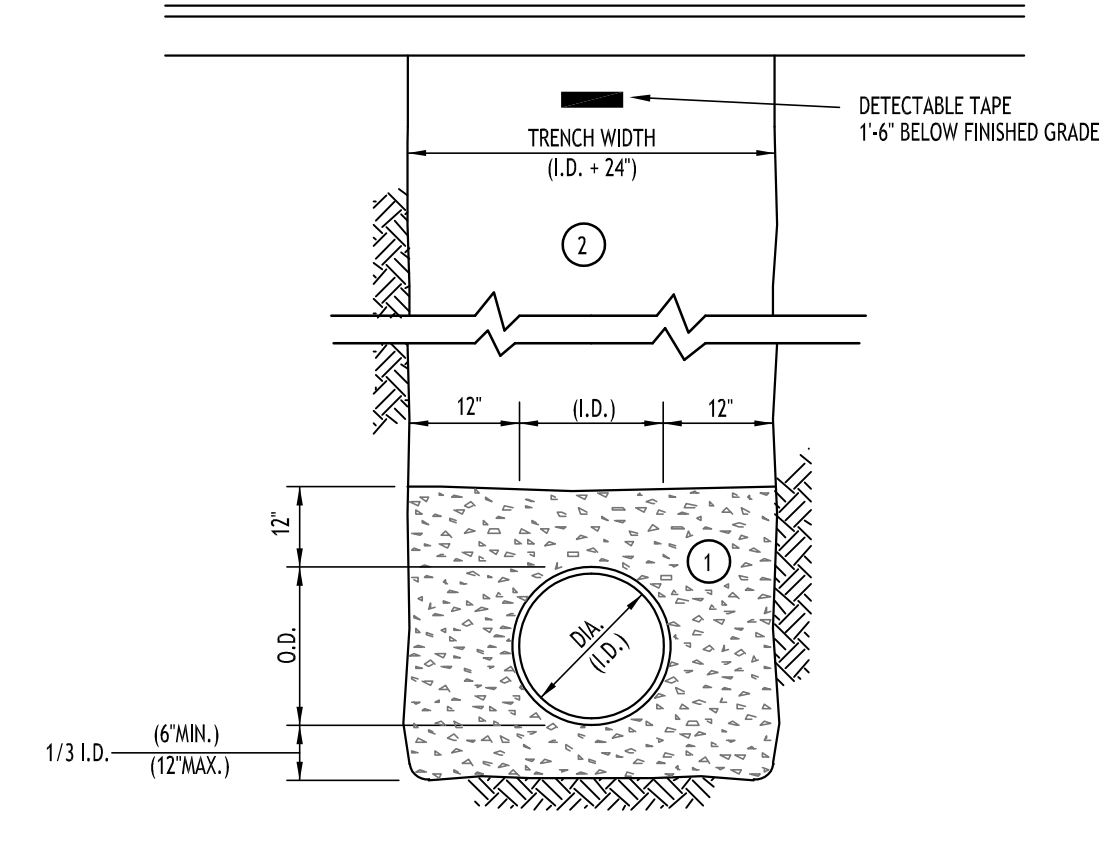
DRAWING NAME:
Utility Plan

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-400
Project No: 24-4006

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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

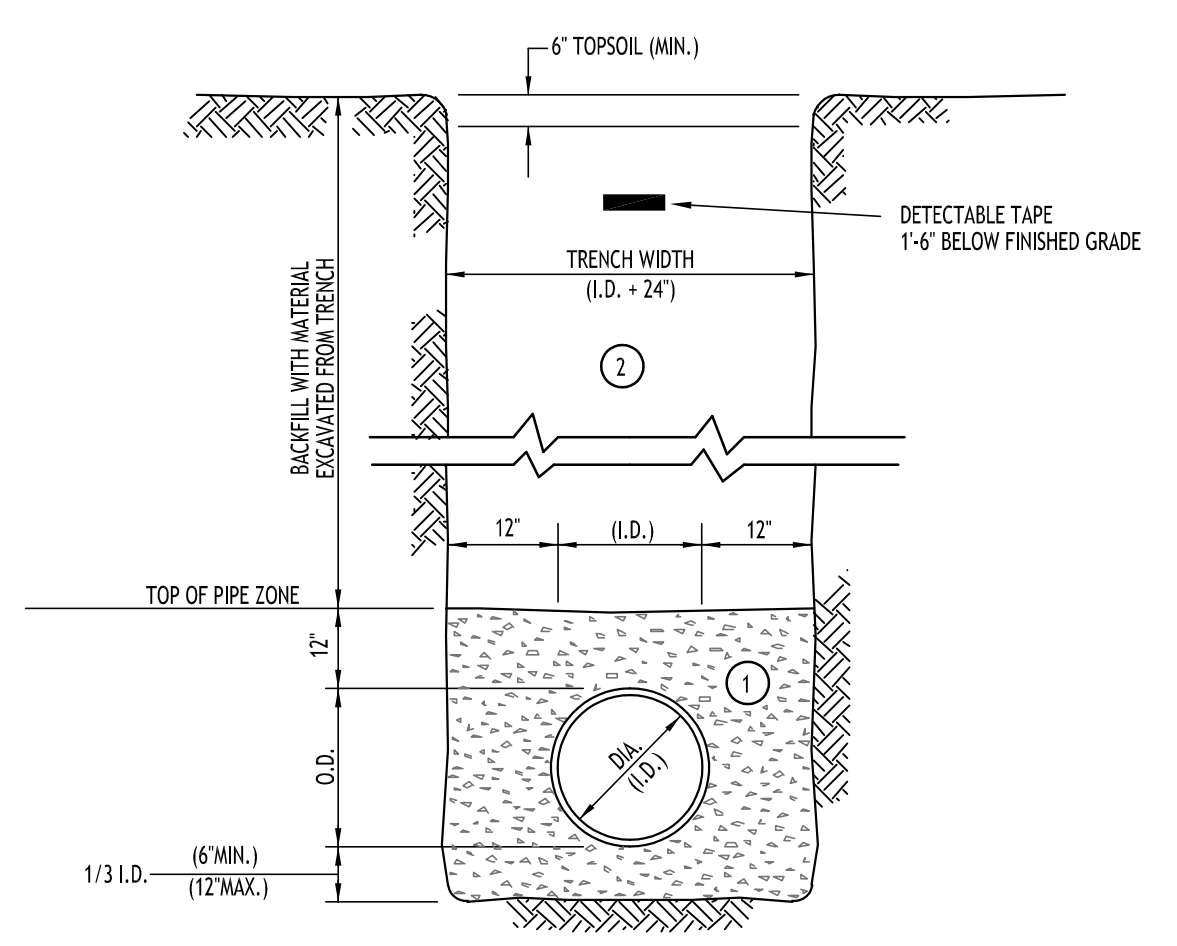
PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)

- 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

- 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



- 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

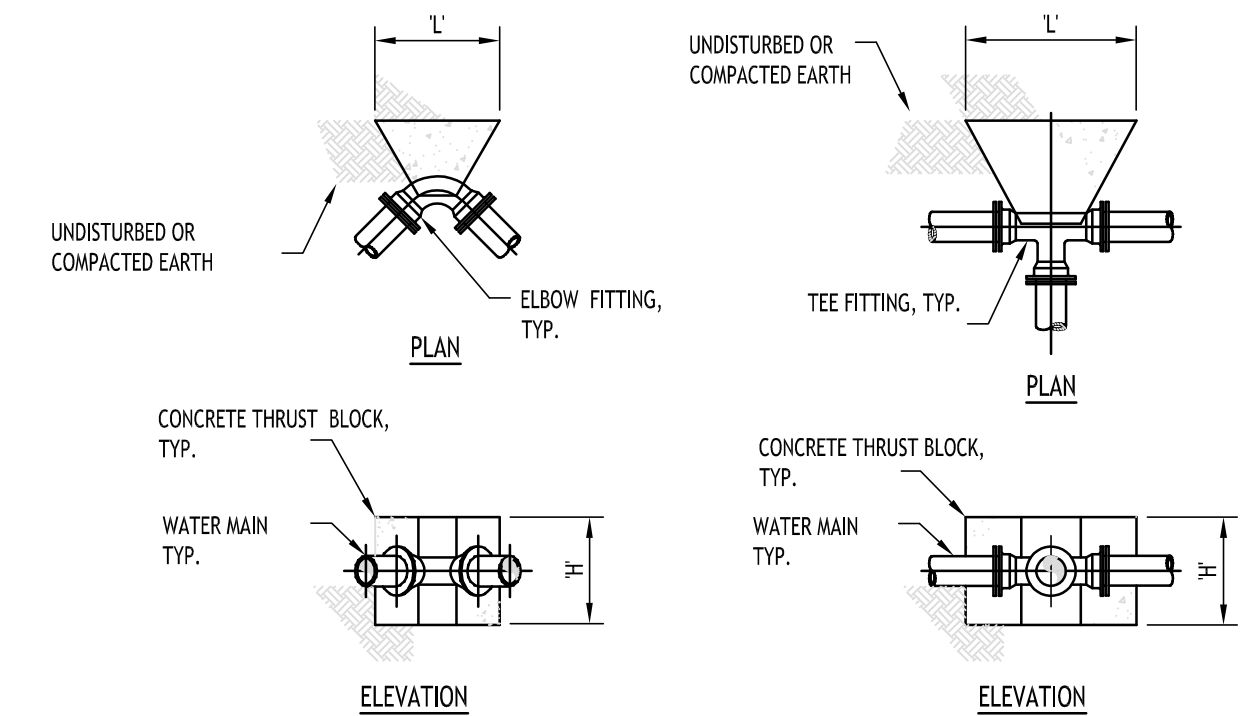
PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)

- 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

- BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

SEWER/WATERLINE TRENCH SECTION IN PAVED AREAS
NOT TO SCALE

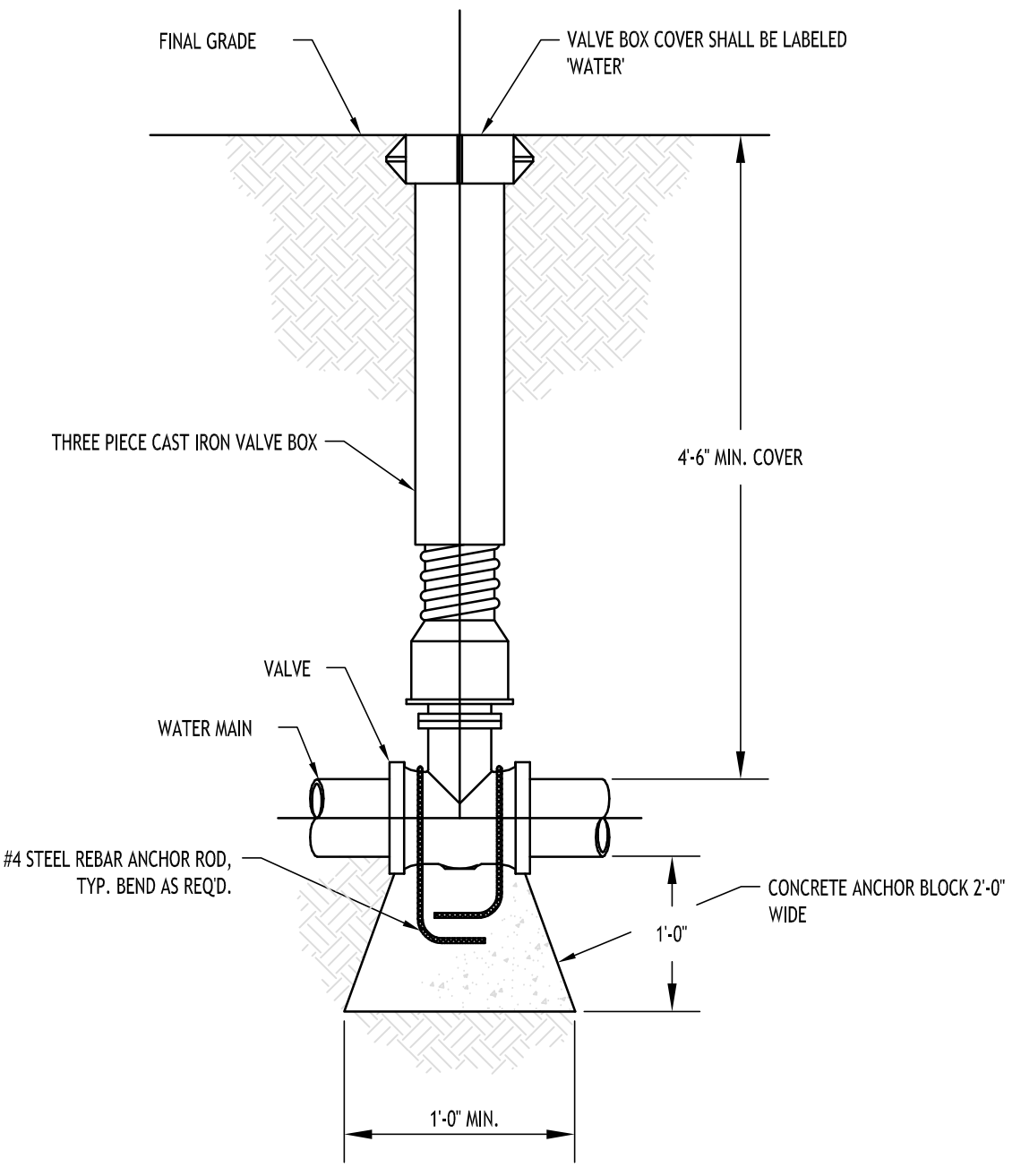


PIPE SIZE	90° ELBOW		45° ELBOW		22.5° ELBOW		11.25° ELBOW	
	H'	L'	H'	L'	H'	L'	H'	L'
4"	1.5'	2.0'	1.0'	2.0'	1.0'	1.0'	1.0'	1.0'
6"	2.0'	2.5'	1.5'	2.0'	1.0'	1.5'	1.0'	1.5'
8"	2.5'	3.5'	2.0'	2.5'	1.5'	1.5'	1.0'	2.0'
10"	3.0'	4.5'	2.5'	3.0'	1.5'	3.0'	1.0'	2.5'
12"	3.5'	5.0'	3.0'	3.5'	2.5'	2.5'	1.5'	2.5'

THRUST BLOCK 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'

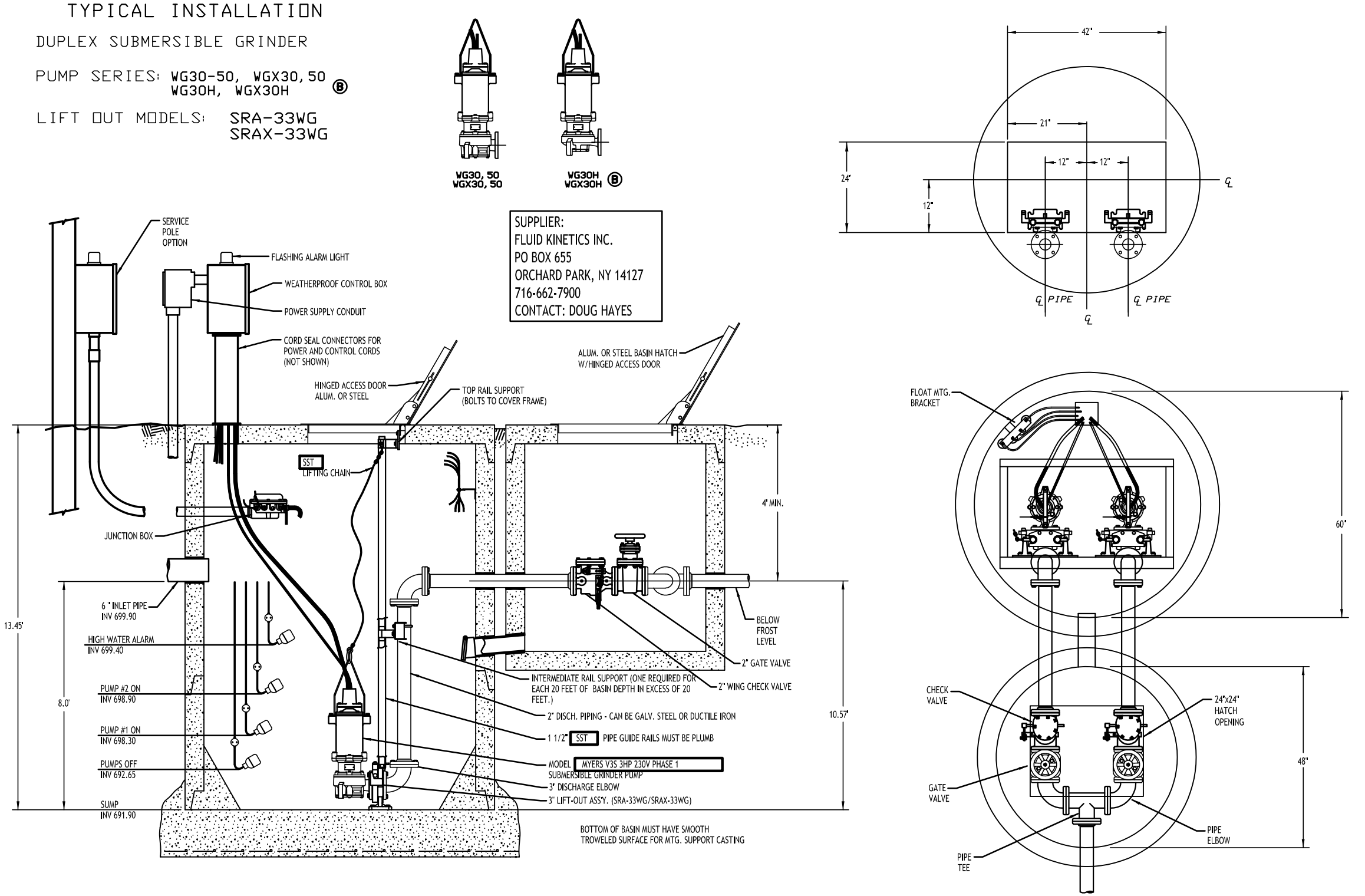
SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS
NOT TO SCALE



TYPICAL GATE VALVE DETAIL
NOT TO SCALE

TYPICAL INSTALLATION

DUPLEX SUBMERSIBLE GRINDER
PUMP SERIES: WG30-50, WGX30, 50, WGX30H, WGX30H
LIFT OUT MODELS: SRA-33WG, SRAX-33WG



PUMP STATION LAYOUT
NOT TO SCALE

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Mixed Use Project
6812-6832 Main Street & 29, 37 Tennyson Terrace
Amherst, NY

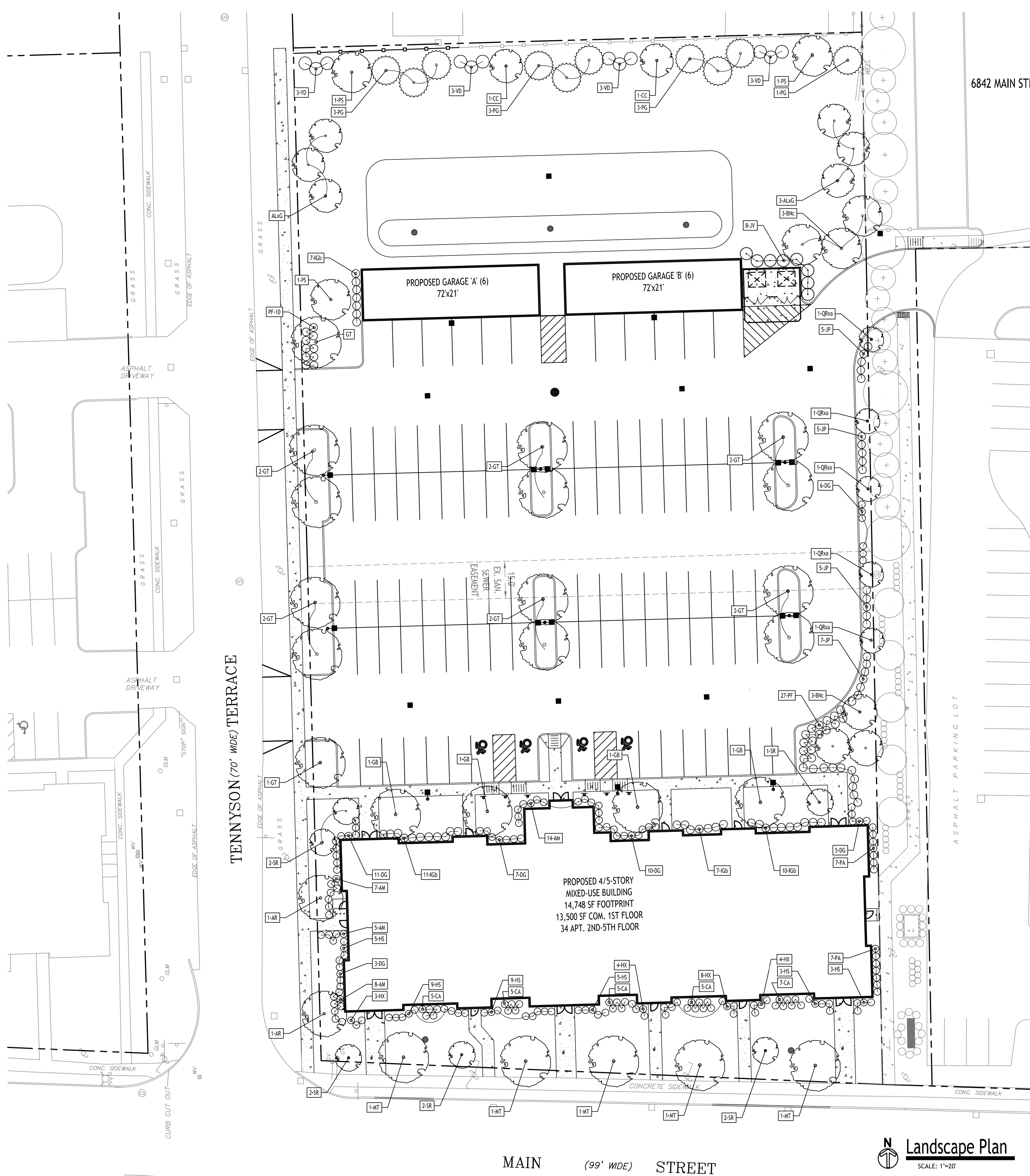
REVISIONS:	Date
No. Description	



DRAWING NAME:
Utility Details

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.:
C-401
Project No: 24-4006



Recommended Plant List

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
DECIDUOUS TREES					
AG	6	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry	8 ft. high min.	B&B; multi-stem (clump), minimum 3 major stems
AR	2	<i>Acer rubrum</i> 'Autumn Spire'	Autumn Spire Red Maple	2 1/2-3" Cal.	B&B; grows to 50 ft. high, 20 ft. wide
BN	6	<i>Betula nigra</i> 'Cully'	Heritage River Birch	12' High Min.	B&B; multi-stem, 3 major stems
CC	2	<i>Cercis canadensis</i>	Eastern Redbud	8' High Min.	B&B; multi-stem, 3 major stems
MT	5	<i>Ginkgo biloba</i> 'Princeton Sentry' (male only)	Princeton Sentry Maidenhair Tree	2 1/2-3" Cal.	B&B; grows to 60 feet high, 25 feet wide
GB	4	<i>Ginkgo biloba</i> 'Autumn Gold' (male only)	Autumn Gold Maidenhair Tree	2 1/2-3" Cal.	B&B; grows to 45 feet high, 35 feet wide
GT	14	<i>Gleditsia triacanthos inermis</i> 'Draves'	Streetkeeper Honeylocust	2 1/2-3" Cal.	B&B; grows to 40 ft. high, 20 ft. wide
PS	3	<i>Prunus serotina</i>	Black Cherry	2 1/2-3" Cal.	B&B; grows to 50 ft. high, 25 ft. wide
QRxa	5	<i>Quercus robur</i> X <i>alba</i>	Skinny Genes Oak	2 1/2-3" Cal.	B&B; grows 40-50 feet high, 10' wide
SR	6	<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	8' High Min.	B&B; multi-stem, 3 major stems
EVERGREEN TREES					
PG	10	<i>Picea glauca</i>	White Spruce	5-6 ft. high*	B&B; Full to ground
JV	8	<i>Juniperus virginiana</i> "Emerald Sentinel"	Emerald Sentinel Eastern Red Cedar	5-6 ft. high*	B&B; Full to ground * Height measured to bottom of leader
SHRUBS					
AM	33	<i>Aronia melanocarpa</i> 'UCONNAM165'	Low Scape Mound Aronia (groundcover)	12" High Min.	No. 2 Cont.; grows 1-2 ft. high, 2-3 ft. wide
DG	41	<i>Diervilla</i> 'GZX88544'	Kodiak Orange Diervilla	24" High Min.	No. 3 Cont.; grows 3-4 feet high and wide
HS	36	<i>Hydrangea serrata</i> 'SMNMAKTSR'	Tuff Stuff Red Hydrangea	24" High Min.	No. 5 Cont.; grows 3-4 feet high and wide
HX	19	<i>Hypericum</i> x 'Dreppel'	Sunny Boulevard Hypericum	24" High Min.	No. 5 Cont.; grows 2-3 ft. high, 3-4 ft. wide
IG	54	<i>Ilex glabra</i> 'Charmzi'	Nordic Inkberry	24" High Min.	No. 5 Cont.; Grows to 3-4ft. tall and wide
JP	22	<i>Juniperus x flitzersiana</i> 'Aurea Improved'	Gold Coast Juniper	24" High Min.	No. 3 Cont.; Grows to 3 ft. tall, 4 ft. wide
PF	36	<i>Potentilla fruticosa</i> 'Jackmann'	Jackman Potentilla	24" High Min.	No. 3 Cont.; Grows to 3-4ft. tall and wide
VD	12	<i>Viburnum dentatum</i>	Arrowwood Viburnum	48" High Min.	B&B; grows to 8 ft. high and wide
ORNAMENTAL GRASSES/PERENNIALS					
CA	29	<i>Calamagrostis acutifolia</i> 'Karl Foerster'	Karl Foerster Feather Reed Grass**	No. 3 Cont.	
PA	14	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass**	No. 3 Cont.	

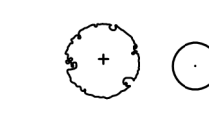
NOTE: All trees and planting beds shall receive a 3-inch layer of shredded hardwood bark mulch.

LANDSCAPE LEGEND

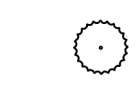
DECIDUOUS TREE



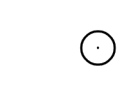
SMALL TREE



EVERGREEN TREE/SHRUB



SHRUB/GRASSES/PERENNIALS



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REVISIONS:	No.	Description	Date



DRAWING NAME:
Landscape Plan

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

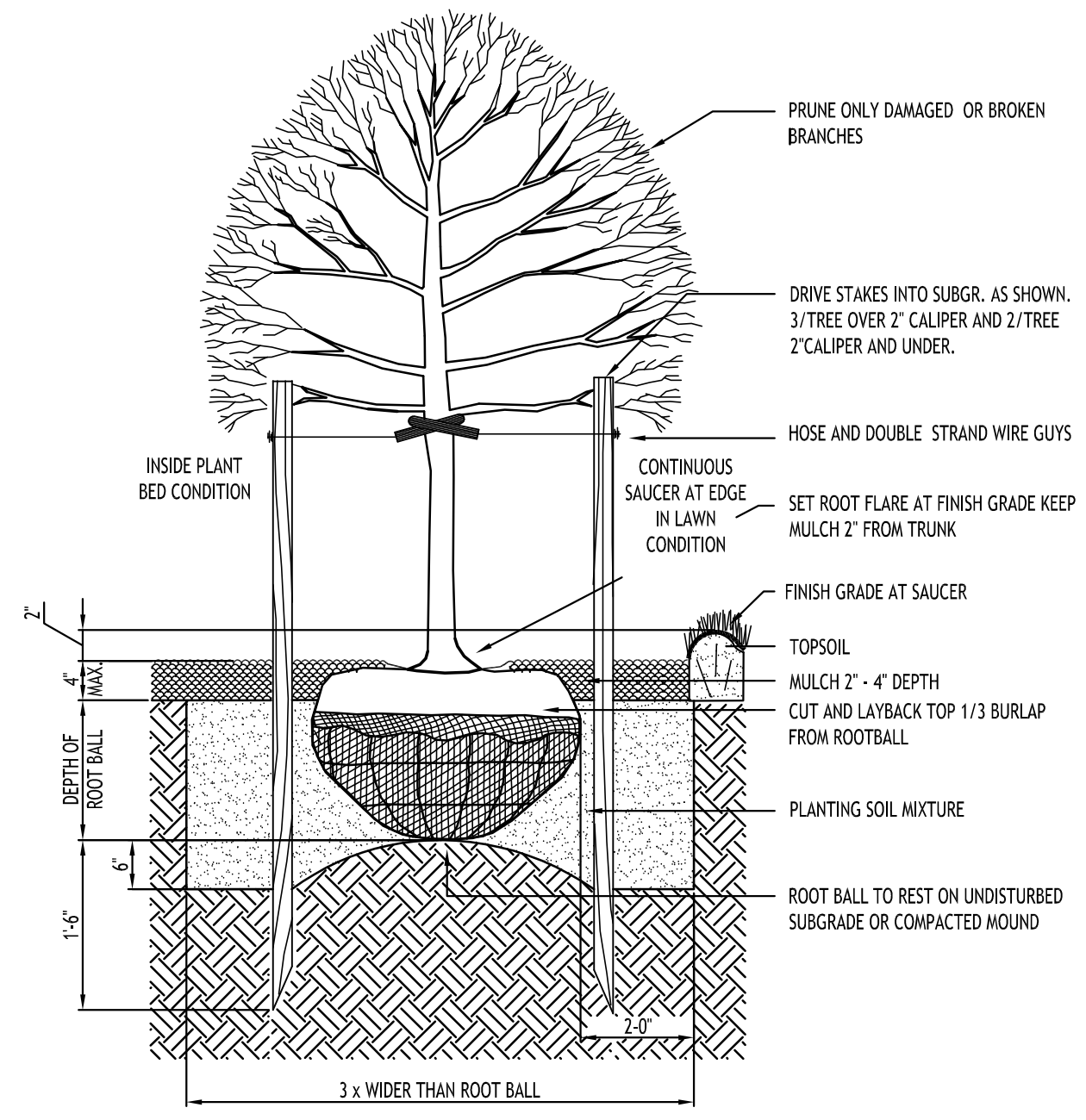
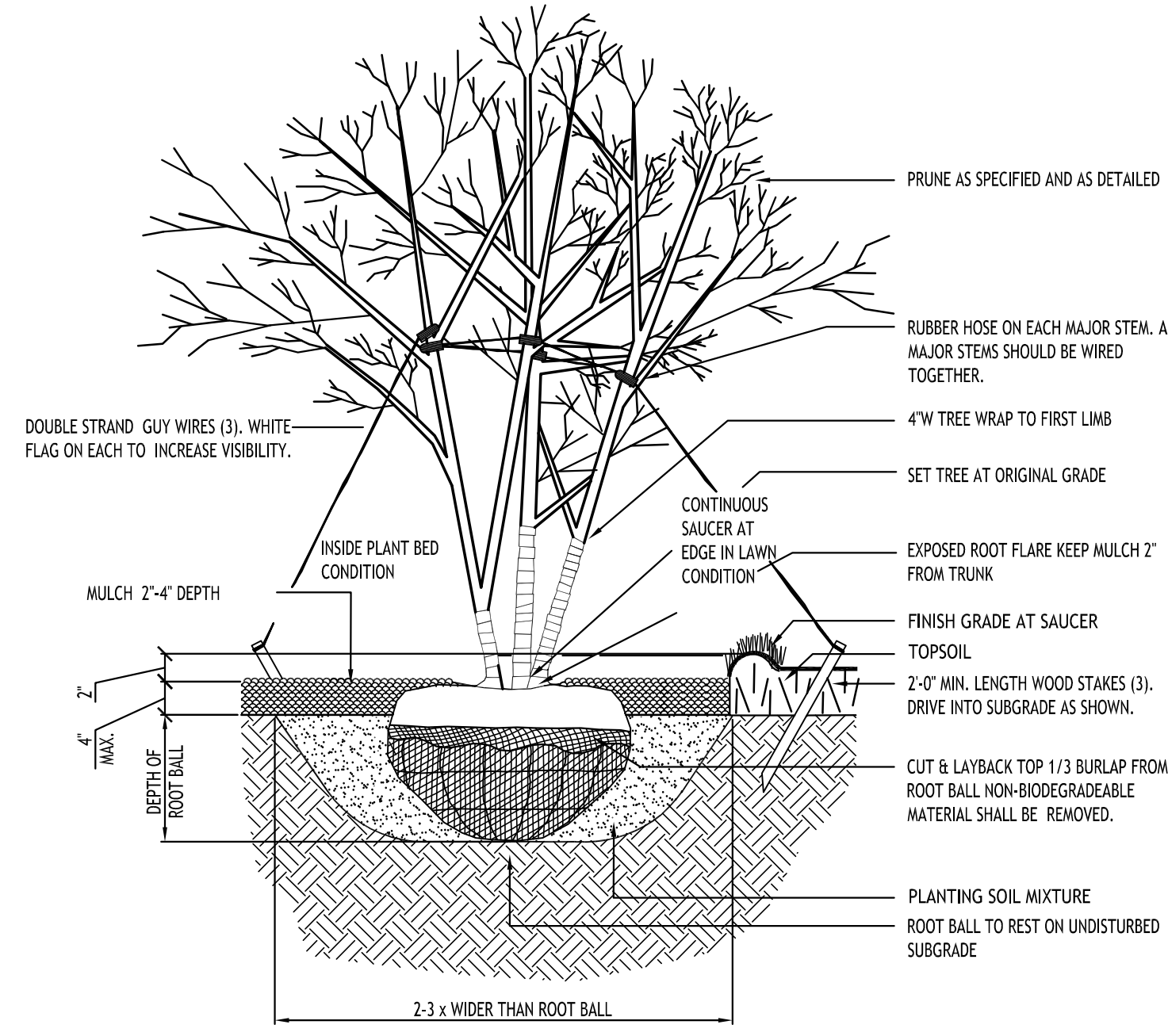
DRAWING NO.
L-100
Project No: 24-4006

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LANDSCAPE NOTES:

1. ALL PLANTS INSTALLED SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED ON THE PLANS AND IN THE LATEST EDITION ON THE AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERYMEN, ANSI Z60.1
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF, THE QUANTITIES SHOWN ARE A MINIMUM AND ARE FOR REFERENCE ONLY.
3. THE CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKEOUT OF ALL PLANTING MATERIAL LOCATIONS AND CONTACT THE OWNERS FIELD REPRESENTATIVE PRIOR TO ACTUAL INSTALLING. THE PLANTING MATERIAL LOCATIONS SHOWN ON THE PLANS ARE TO CONVEY THE DESIGN INTENT ONLY, ACTUAL LOCATIONS WILL BE FINALIZED BY THE OWNERS FIELD REPRESENTATIVE AT THE TIME OF INSTALLATION.
4. THE CONTRACTOR IS HEREBY NOTIFIED THAT IF UNDERGROUND UTILITIES EXIST IN THE VICINITY OF THE PLANTINGS, ALL PROPOSED PLANTINGS SHALL BE INSTALLED A MINIMUM OF 5' FROM ANY UNDERGROUND UTILITY, CONTACT THE OWNERS FIELD REPRESENTATIVE IF PLANTINGS SHOWN ON THE PLANS VIOLATE THIS SITUATION.
5. ALL TREES SHALL BE INSTALLED A MINIMUM OF 20' FROM ANY OVERHEAD ELECTRIC LINES.
6. PLANTING BACKFILL MIXTURE SHALL CONSIST OF 3 PARTS TOPSOIL, 1 PART PEAT MOSS, 1/2 PART MILORGANITE.
7. STAKE TREES IMMEDIATELY FOLLOWING INSTALLATION.
8. ALL PLANTED AREAS SHALL RECEIVE A 3" LAYER OF SHREDDED HARDWOOD BARK MULCH WITH "GREEN".
9. ALL DISTURBED AREAS NOT RECEIVING PLANTINGS (INCLUDING RIGHT-OF-WAYS) SHALL BE SEEDED.
10. THE AREAS ON THE PLAN TO BE SEEDED SHALL HAVE 4" MINIMUM OF TOPSOIL, DISK PLOWED, LEVELED AND HAND RAKED SMOOTH. SURFACE SHALL BE ROLLED TO REMOVE LUMPS.
11. ALL SEEDED AREAS SHALL BE HYDROSEEDED IN ACCORDANCE WITH THE SPECIFICATION INDICATED. WHERE REQUIRED BY CLIMATIC CONDITIONS, SLOPE OR SEASON OF PLANTING, SOD MAY BE SUBSTITUTED FOR SEEDING IN ORDER TO ACHIEVE THE REQUIRED COVERAGE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING, MOWING AND OTHER MAINTENANCE TO SEEDED AREAS UNTIL THE PROJECT IS ACCEPTED BY THE OWNER. THIS SHALL INCLUDE WATERING DAILY FOR 15 DAYS OR AS REQUIRED BY WEATHER CONDITIONS AND RE-SEEDING OF THIN SPOTS FOLLOWING THE GERMINATION OF THE SEEDS.



STD. DECIDUOUS TREE PLANTING

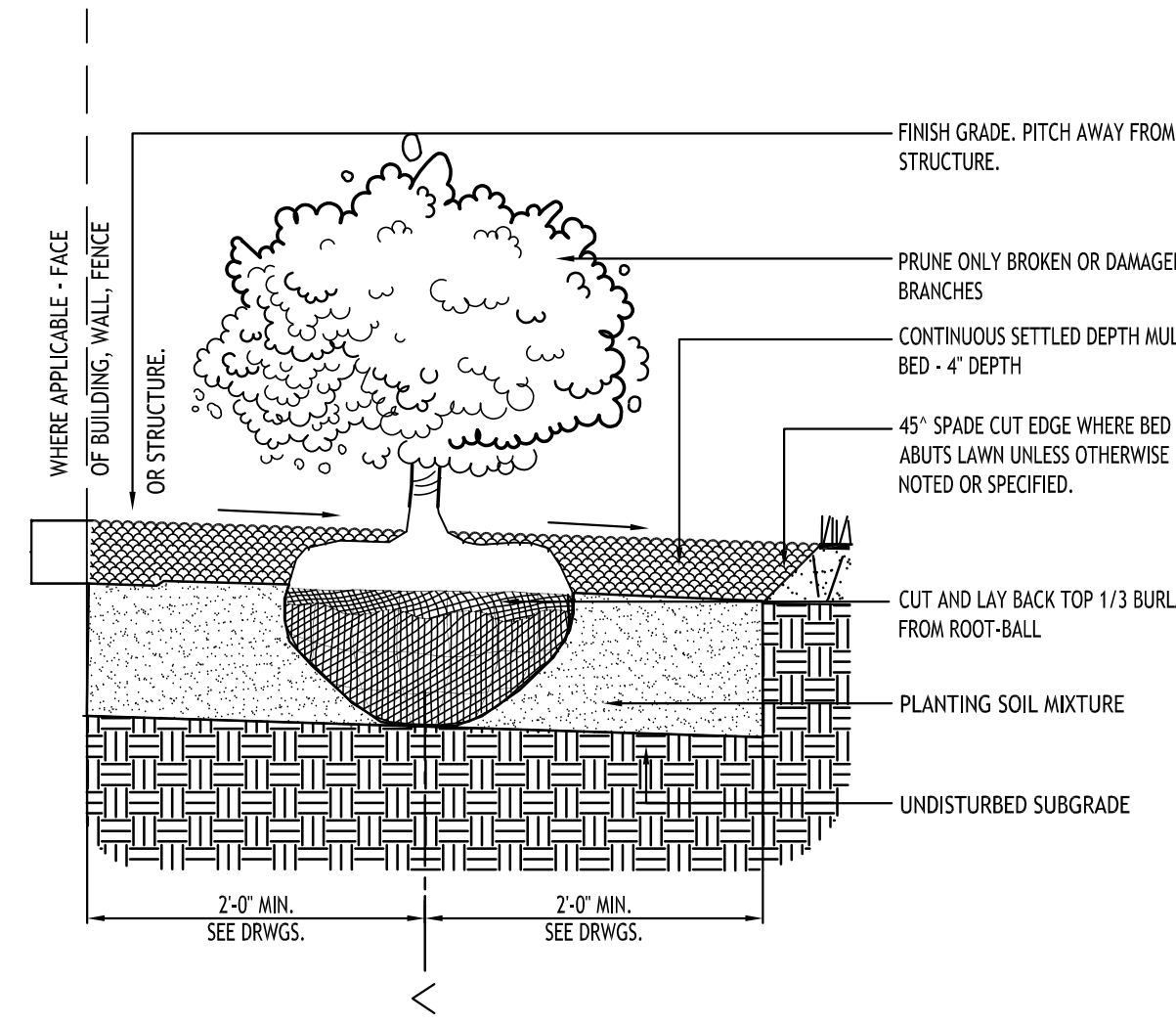
NOTES:

1. ALL PLANTING BEDS & TREE PITS SHALL RECEIVE A MIN. 3-INCH DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE CALLED OUT ON PLANS.
2. ALL PLANT MATERIALS SHALL BE INSPECTED TWICE ANNUALLY, ONCE IN THE SPRING AND AGAIN IN THE FALL. TREES & SHRUBS THAT ARE DEAD OR ARE IN POOR CONDITION/DISEASED (LESS THAN 50% LEAF COVER) SHALL BE REPLACED BEFORE THE NEXT GROWING SEASON. TREES AND SHRUBS THAT DO NOT EXHIBIT THE CONDITIONS FOR REPLACEMENT SHALL BE PRUNED AT THE TIME OF INSPECTION TO REMOVE DEAD TWIGS & BRANCHES.
3. ALL NURSERY TAGS TO REMAIN ON PLANTS UNTIL AFTER FINAL INSPECTION AND APPROVAL OF THE LANDSCAPING.
4. A DRIP IRRIGATION SYSTEM IS RECOMMENDED FOR ALL PLANTINGS. SOAKER HOSES ARE RECOMMENDED AT THE TIME OF INSTALLATION OF ALL PLANT MATERIALS AND SHOULD BE UTILIZED THROUGHOUT THE ENTIRE LENGTH OF THE FIRST FULL GROWING SEASON.

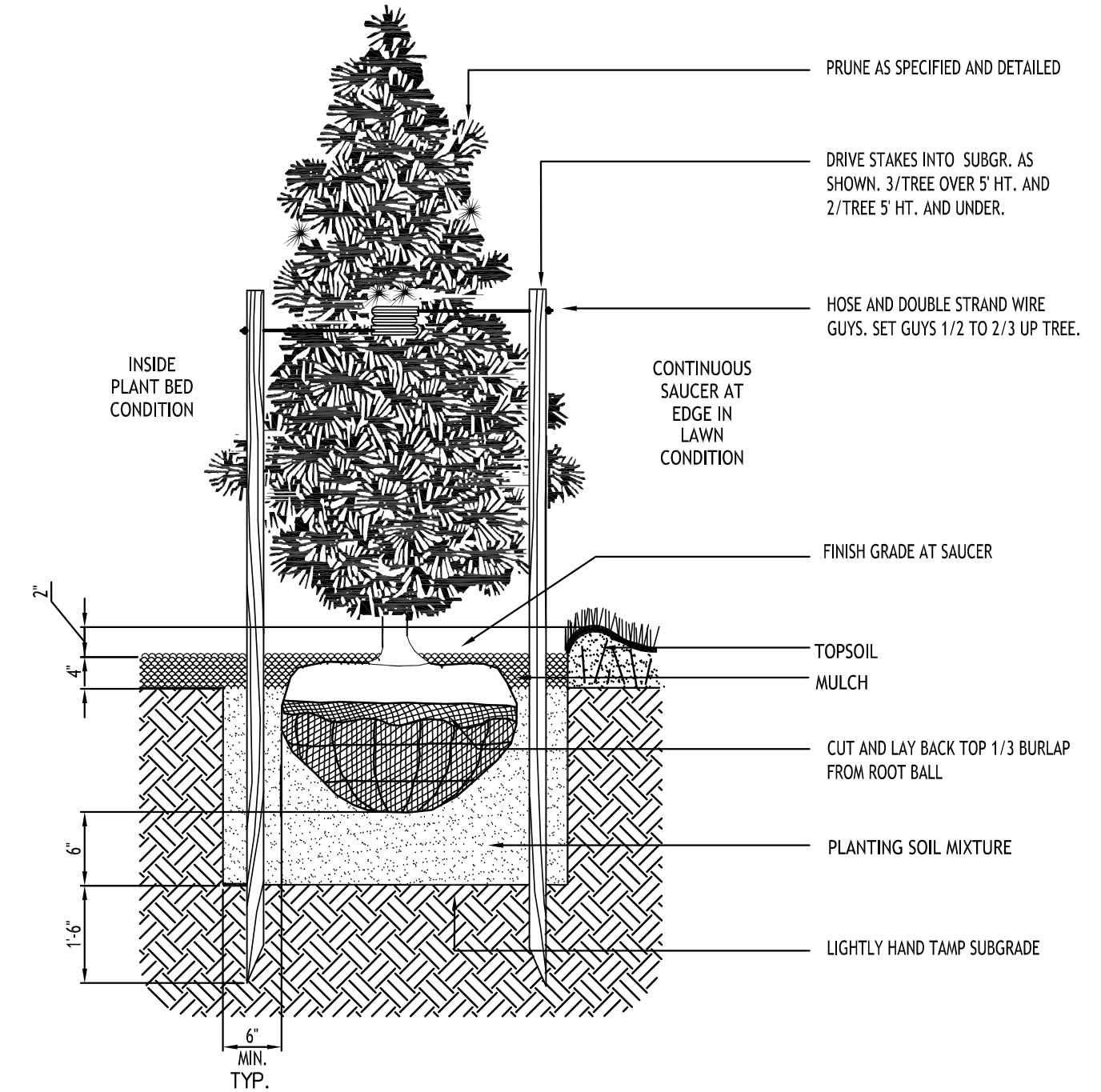
* ORNAMENTAL GRASSES SHOULD BE PRUNED BACK IN LATE FALL OR EARLY SPRING TO ALLOW NEW FOLIAGE TO GROW IN SPRING.

PLANTING NOTES:

1. 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.
2. ALL TREE PIT SAUCERS, SHRUB BEDS, ORNAMENTAL GRASS BEDS, AND PERENNIAL FLOWER BEDS SHALL RECEIVE THREE (3) INCHES DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH.
3. ALL SEASONAL FLOWER BEDS SHALL BE A MINIMUM OF TWELVE (12) INCHES DEEP WITH A WELL-BLENDED MIXTURE OF 50% PEAT MOSS & 50% SCREENED TOPSOIL. NO MULCH SHALL BE INSTALLED IN THE SEASONAL FLOWER BEDS.
4. ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.



STD. SHRUB PLANTING



STD. EVERGREEN PLANTING

REVISIONS:	No.	Description	Date



DRAWING NAME:

Landscape Details

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

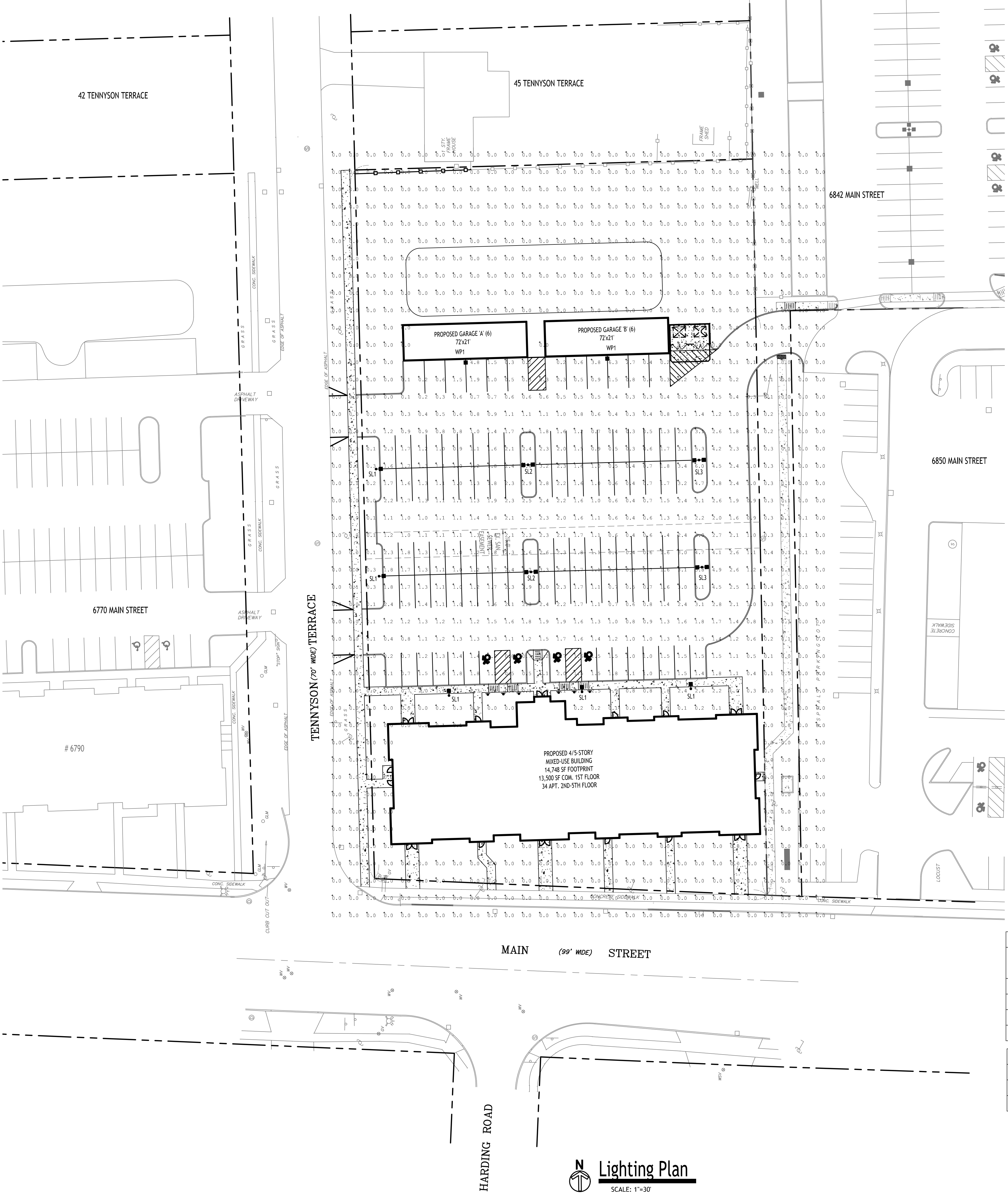
DRAWING NO.:

L-101

Project No: 24-4006

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Project	Category	Type
Prepared by	Notes	Date



McGraw-Edison
GALN Galleon II
 Area / Site Luminaire
 Product Features
 Product Certifications
 Interactive Menu
 Quick Facts
 Dimensional Details

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 5
- Energy and Performance Data page 6
- Control Options page 11

- Lumen packages range from 3,900 - 73,500 (33W - 552W)
- 17 optical distributions
- Efficacy up to 159 lumens per watt

Dimensional Details

Standard Pole Mount Arm

Natural Light Fixture	Mount Arm	Mounting Length (ft)	Height (ft)	PA with Mount (ft)
1-4	16"	22"	29 ft	6.95
5-6	22"	22"	29 ft	6.95
7-8	22"	29-1/2"	40 ft	1.1

Notes: For use with appropriate arm and fixture. See also Lighting Details section.



Lumark

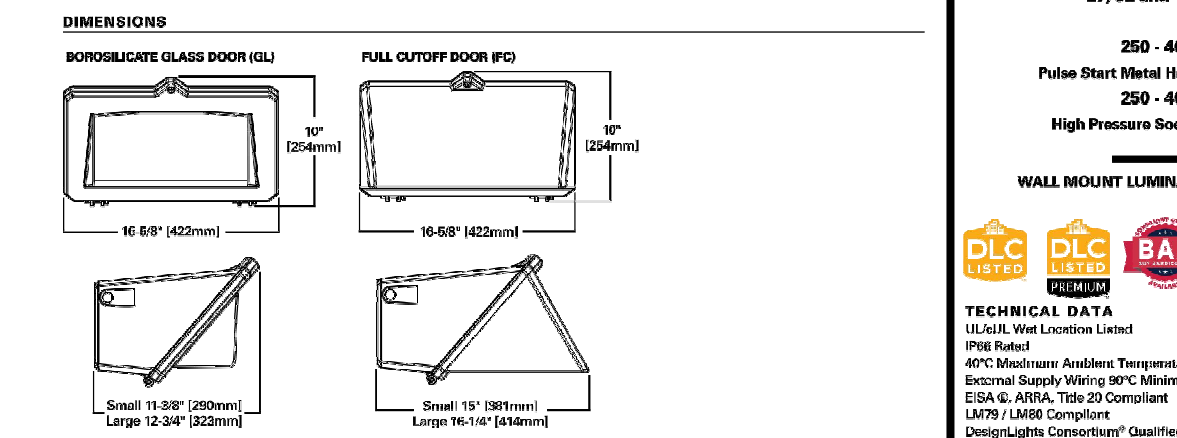
Project	Type
Comments	Date
Prepared by	

DESCRIPTION
 The Lumark Wall-Pak luminaire provides traditional architectural style with high performance energy efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware along with a sealed and gasketed optical compartment make the Wall-Pak luminaire impervious to contaminants. IP69 Rated. Three available lamp sources including patented energy efficient LED, pulse start metal halide and high pressure sodium. UL listed, wet location listed. The Wall-Pak wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, hotels, stairways and loading docks.

INSTALLATION AND MAINTENANCE
 Door assembly is hinged at the bottom for easy removal, installation and re-hinging.

FINISH
 Finished in five-stage super TOC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fading and wear. Standard color is bronze. Additional colors available in white, grey, bronze, black, dark platinum and graphite metallic. Consult your lighting representative at Cooper Lighting Solutions for a complete selection of standard colors. Options to meet Bay Area and other domestic professional requirements.

Efficiency Standards Notice
 Select luminaires are manufactured to USA and California efficiency regulations.



Lighting Calculations Prepared by Quality Lighting Systems
 For pricing please contact Paul Speicher at pspeicher@qlsny.com

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height	BUG Rating
[Symbol]	5	SL1	Single	GALN-SA1B-740-U-74FT-HSS	0.900	4146	44	220	15	B1-U0-G2
[Symbol]	2	SL2	Back-Back	GALN-SA1B-740-U-5WQ	0.900	6026	44	176	15	B3-U0-G1
[Symbol]	2	SL3	Back-Back	GALN-SA1B-740-U-T3	0.900	5710	44	176	15	B1-U0-G1
[Symbol]	2	WP1	Single	LDWP-FC-3B-2ED	0.900	1911	27.1	54.2	10	B1-U0-G1

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Fc	0.99	6.3	0.0	N.A.	N.A.
PARKING LOT SURFACE	Illuminance	Fc	1.45	6.3	0.0	N.A.	N.A.

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

Lighting Plan
 SCALE: 1"=30'

CARMINA WOOD
 DESIGN
 Buffalo | Utica | Greensboro

Mixed Use Project
 6812-6832 Main Street & 29, 37 Tennyson Terrace
 Amherst, NY

REVISIONS:

No.	Description	Date



DRAWING NAME:
 Lighting Plan

Date: 3/25/24
 Drawn By: P. Sheedy
 Scale: As Noted

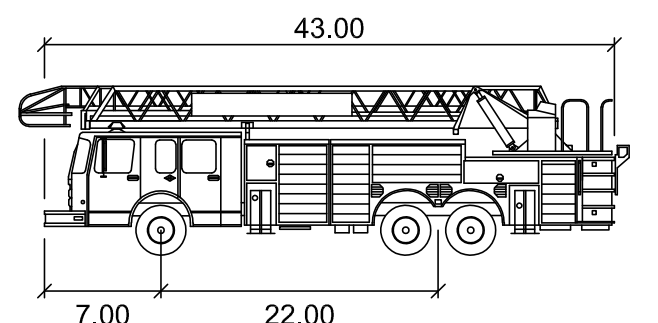
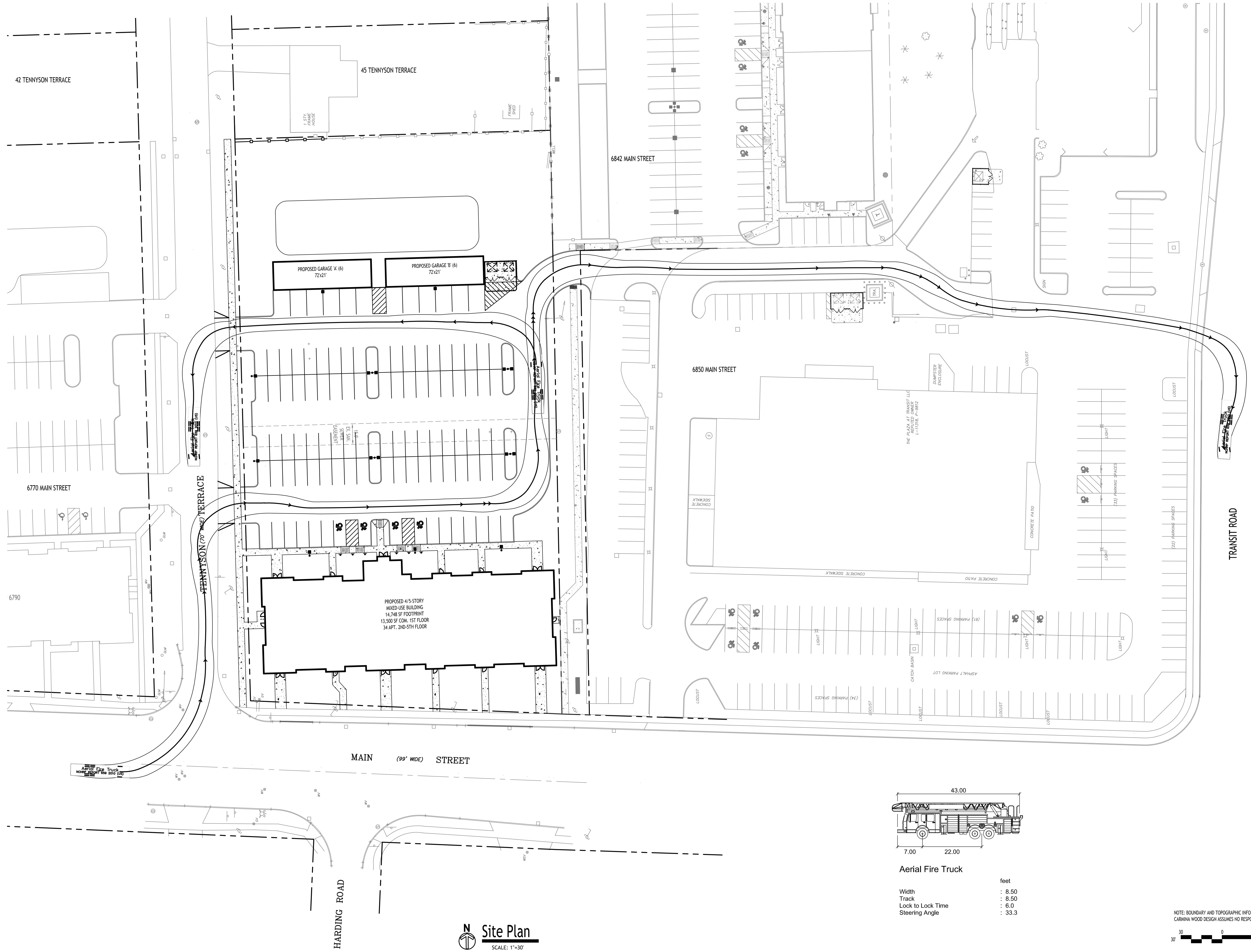
DRAWING NO.:

LP-100

Project No: 24-006

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Aerial Fire Truck

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

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



Site Plan
SCALE: 1"=30'

CARMINA WOOD
DESIGN
Buffalo | Utica | Greensboro

Mixed Use Project
6812-6832 Main Street & 29, 37 Tennyson Terrace
Amherst, NY

REVISIONS:

No.	Description	Date



DRAWING NAME:
Fire Truck Plan

Date: 3/25/24
Drawn By: P. Sheedy
Scale: As Noted

DRAWING NO.
CF-100
Project No: 24-4006