

6. DIRT OR DEBRIS LEFT ON LOCAL PUBLIC ROADS AS A RESULT OF THIS CONSTRUCTION PROJECT SHALL BE REMOVED AND ROAD SURFACES CLEANED BY

7. ALL DISTURBED AREAS (EXCEPT AREAS TO BE PAVED OR BUILT UPON) SHALL BE TOPSOILED TO A MINIMUM 4" DEPTH AND SEEDED IMMEDIATELY AFTER

8. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF DOWNSTREAM STORM SEWERS, DITCHES, AND CULVERTS. SILT BUILDUP FOUND TO BE A

9. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AND MATERIALS SHALL BE IN PLACE PRIOR TO BEGINNING EARTHWORK OPERATIONS AND SHALL BE

10. INSTALL TEMPORARY SILT SOCK AROUND THE BASE OF STOCKPILES. STOCKPILES NOT BEING ACTIVELY USED FOR MORE THAN SEVEN (7) DAYS SHALL BE

MAINTAINED UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION, AS DIRECTED BY THE ENGINEER.

RESULT OF THIS SITE CONSTRUCTION WORK SHALL BE REMOVED FROM DOWNSTREAM CULVERTS BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO

THE CONTRACTOR ON A DAILY BASIS.

THE OWNER OR THE TOWN/CITY.

STABILIZED.

FINE GRADING TAKES PLACE AND AS SOON AS PHYSICALLY POSSIBLE.

DRAWING NAME: Demolition & **Erosion Control**

Drawn By: DRAWING NO.

As Noted

6/23/25

P. Sheedy

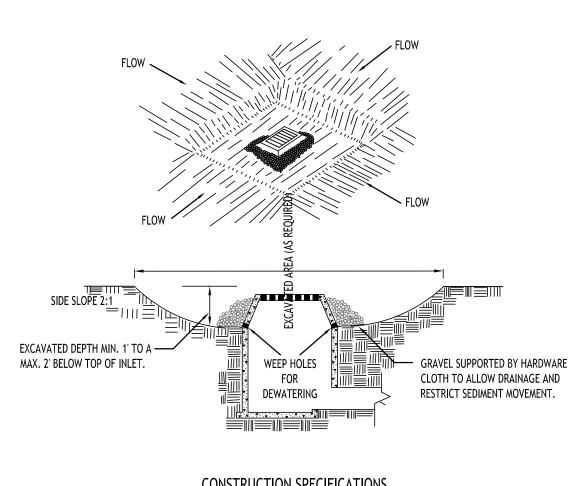
TO BE SAWCUT & REMOVED

EXISTING PAVEMENT

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.



CONSTRUCTION SPECIFICATIONS

- 1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
- 2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
- 4. 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 NOT TO SCALE

INLET PROTECTION DETAIL 2

FILTER——

EXISTING ——

EXISTING

GROUND —

3. THICKNESS - NOT LESS THAN SIX (6) INCHES.

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

∠ MOUNTABLE BERM

EXISTING

PAVEMENT

(OPTIONAL)

CONSTRUCTION SPECIFICATIONS

2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD

4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS

6. 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.

7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING

8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN

STABILIZED CONSTRUCTION ENTRANCE DETAIL NOT TO SCALE

OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

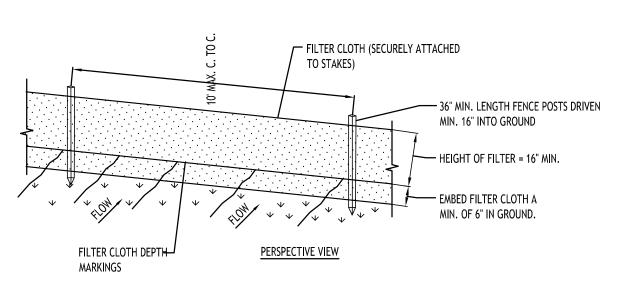
OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.

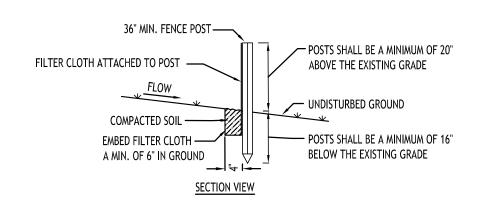
RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

APPROVED SEDIMENT TRAPPING DEVICE.

5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

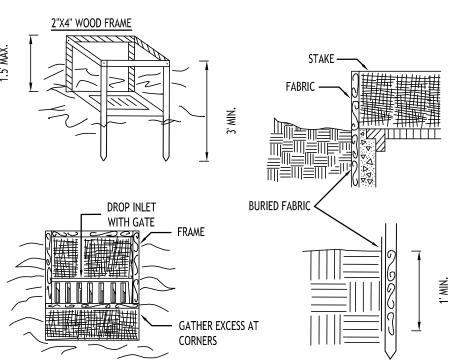




CONSTRUCTION SPECIFICATIONS

- 1. 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.
- 2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- 3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- 1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO
- 3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- 4. 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.
- 5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- 6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUN DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL NOT TO SCALE

STONE & BLOCK PLAN VIEW

FINE GRAVEL FACE

(1'MIN. THICKNESS)

SEDIMENT POOL ---

TEMPORARY SEDIMENT POOL

INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.

MAXIMUM DRAINAGE AREA 1 ACRE

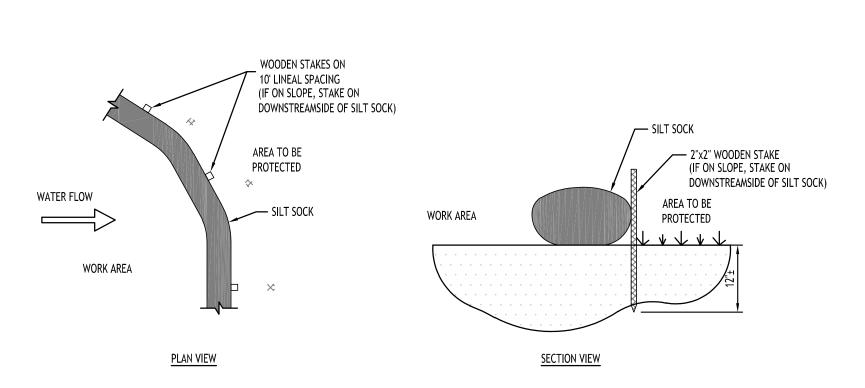
CONSTRUCTION SPECIFICATIONS

2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF

4. 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

3. 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.

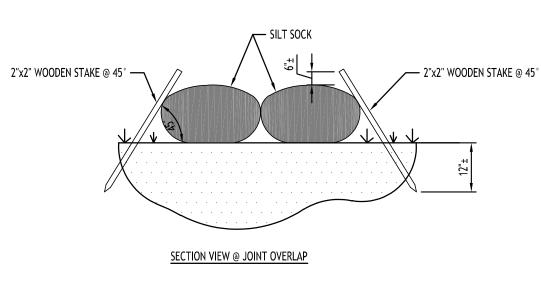


---- WIRE SCREEN

STONE & BLOCK DETAIL

WIRE MESH (OPTIONAL)

WITH GATE

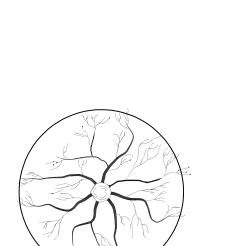


CONTRACTOR SHALL INSPECT AND MAINTAIN SILT SOCK AS NEEDED DURING THE DURATION OF CONSTRUCTION PROJECT.

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



EXISTING TREE PROTECTION FENCE

MATERIALS FOR TEMPORARY PLASTIC BARRIER FENCES SHALL MEET THE FOLLOWING REQUIREMENTS: • 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.

FENCES SHALL BE ERECTED 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

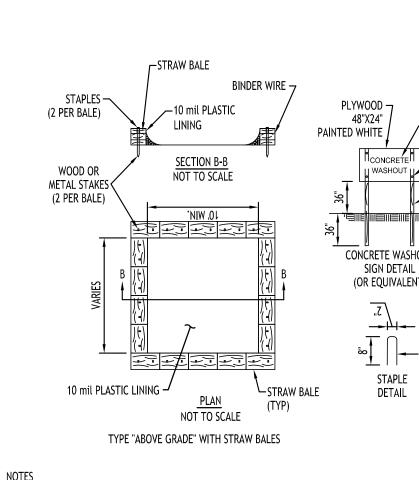
FLORESCENT TAPE. WARNING SIGNS SHALL BE MOUNTED ON THE FENCE AT NO MORE THAN 100 FOOT INTERVALS. MAINTENANCE SHALL COMMENCE IMMEDIATELY AFTER ERECTION OF THE FENCE AND CONTINUE UNTIL ONE WEEK PRIOR TO ACCEPTANCE OF THE CONTRACT, AND SHALL CONSIST OF: REPLACING DAMAGED POST(S) AND

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.

TREE PROTECTION DETAIL

NOT TO SCALE



1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.

TEMPORARY CONCRETE WASHOUT FACILITY.

DISPOSED OF OR RECYCLED.

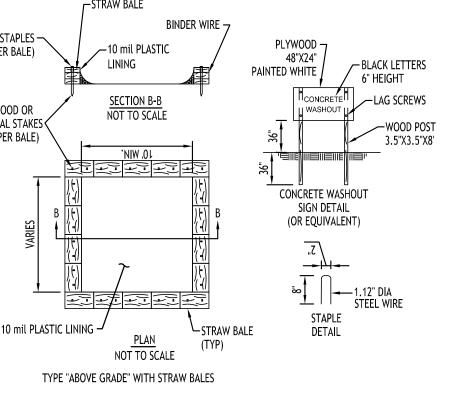
2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE

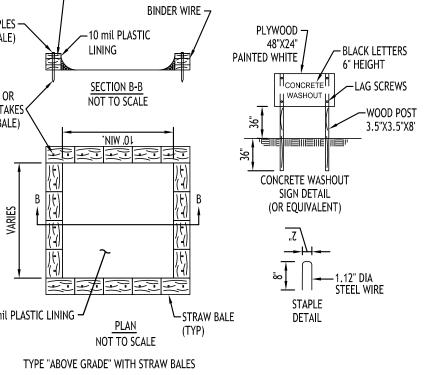
3. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT

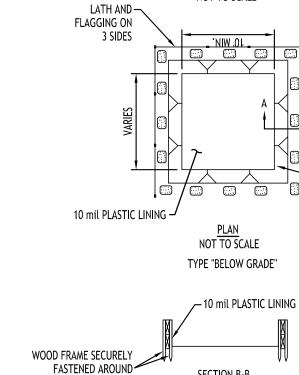
4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE RÉMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES

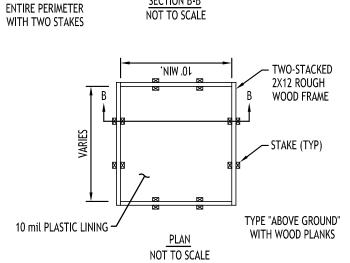
SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT

FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND



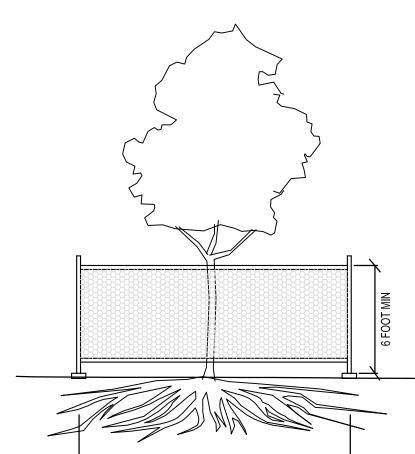


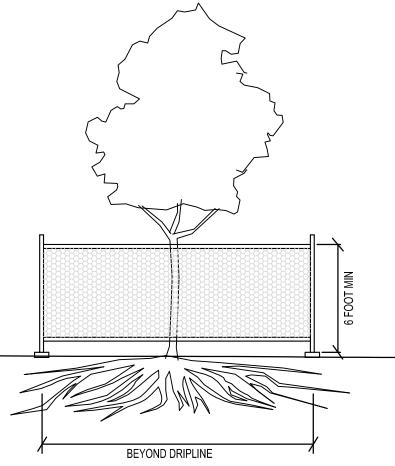


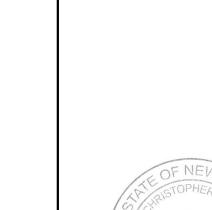




PLAN VIEW OF ROOTS







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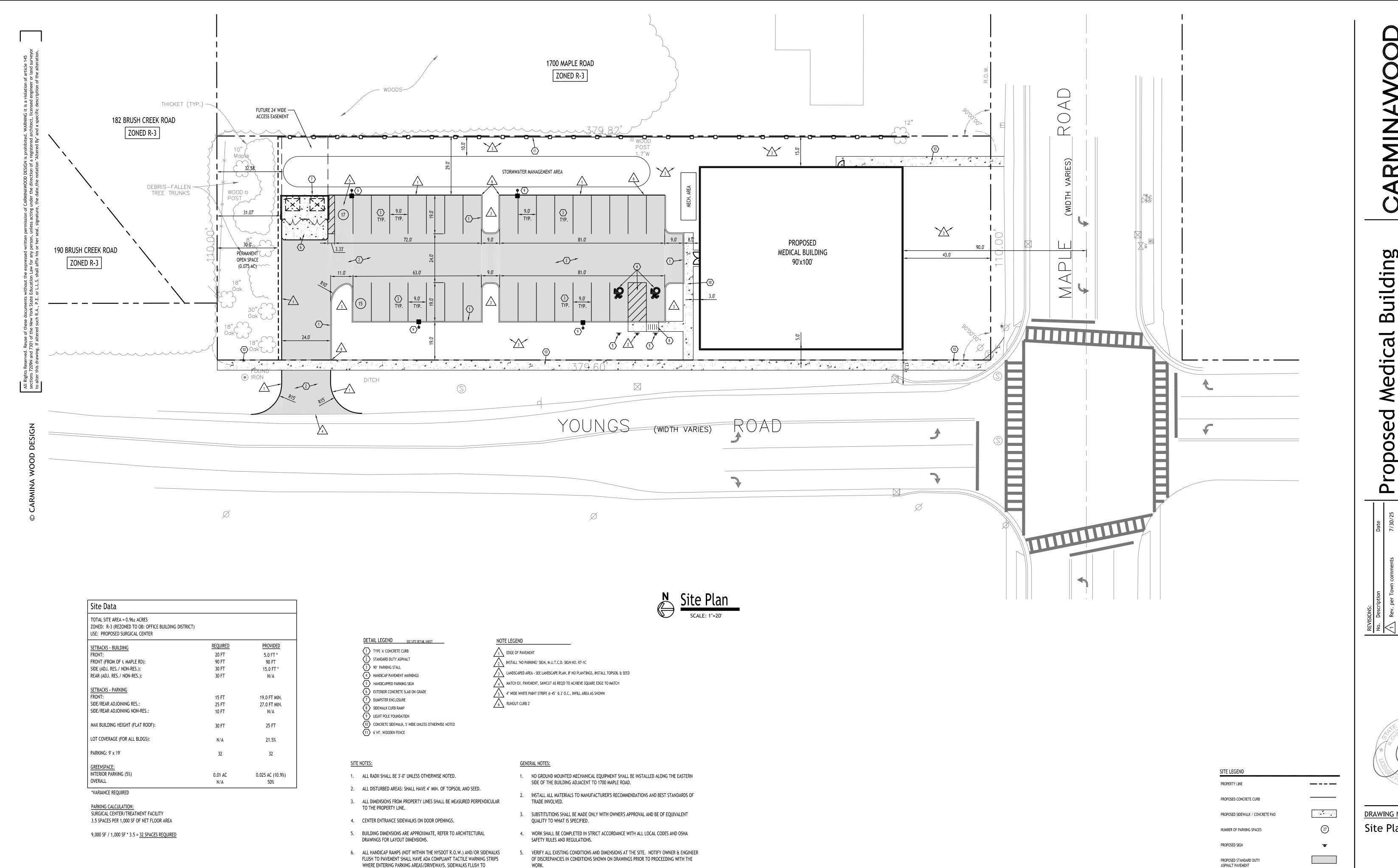
DRAWING NAME: Demolition & **Erosion Control**

Drawn By: DRAWING NO.

Details

As Noted

6/23/25 P. Sheedy



DRAWING NAME:

Site Plan

6/23/25 P. Sheedy As Noted DRAWING NO.

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

PROPOSED LIGHT POLE

SO THAT THIS WORK WILL NOT DISTURB EXISTING LINES AND/OR INSTALLATIONS. COORDINATE ALL WORK WITH THE APPLICABLE UTILITY COMPANIES. 9. ALL OTHER PERMITS REQUIRED BY STATE OF NEW YORK, COUNTY OF ERIE, AND TOWN OF AMHERST ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER/OWNER.

7. CONTRACTOR SHALL KEEP JOB FREE OF DEBRIS AND MAKE FINAL CLEANUP TO

SATISFACTION OF OWNER.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY EXISTING STRUCTURES TO

8. CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION

REMAIN AND ANY FINISH MATERIAL INSTALLED WHILE WORKING ON OTHER COMPONENTS.

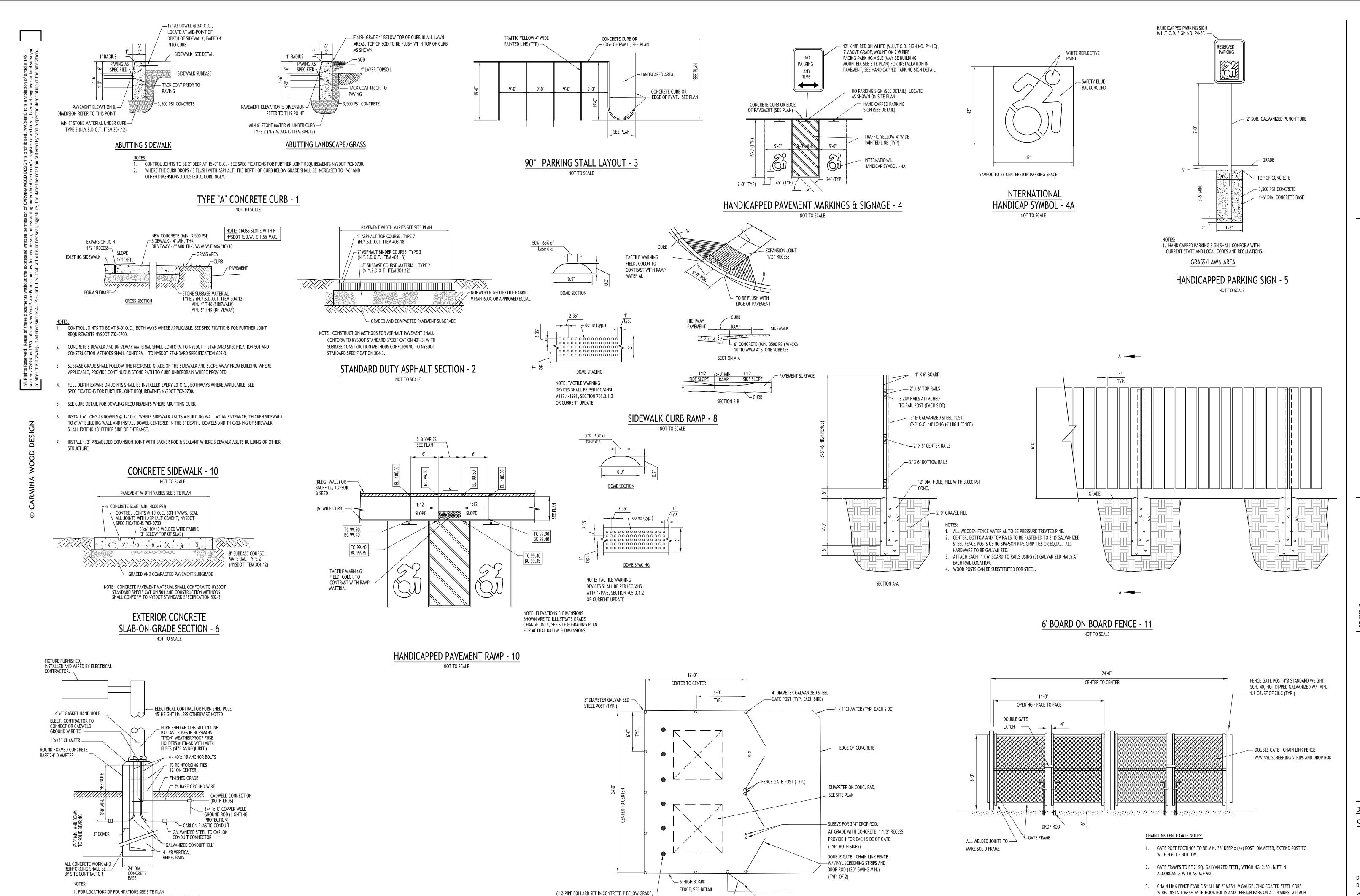
PAVEMENT WITHIN THE NYSDOT R.O.W. SHALL ADHERE TO THE NOTES AND DESIGN REGULATIONS AS STATED ON NYSDOT STANDARD SHEET 608-01.

7. EXISTING TREE LOCATIONS ARE APPROXIMATE, CONTRACTOR TO LOCATE

REMAIN AND BE PROTECTED DURING CONSTRUCTION.

LOCATIONS PRIOR TO CONSTRUCTION AND COORDINATE WITH TOWN

LANDSCAPE ARCHITECT WHICH TREES SHALL BE REMOVED AND WHICH SHALL



DRAWING NAME: Site Details

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Drawn By: Scale:

6/23/25

P. Sheedy As Noted

DRAWING NO. <u>Project No:</u> 24-4153

LIGHT POLE FOUNDATION - 9

2. FOR LIGHT FIXTURE ORDERING INFORMATION SEE SITE LIGHTING PLAN

IN CURBED ISLANDS: 6" ABOVE TOP OF CURB ELEVATION

NOT TO SCALE

3. LIGHT POLE BASE EXPOSURE ABOVE GRADE SHALL BE:

IN NON-CURBED GRASS AREAS: 6" ABOVE GRADE

IN PAVEMENT: 30" ABOVE GRADE

PLAN VIEW

5' WIDE SIDEWALK TO

ASPHALT DRIVE

ACCESS GATE, EXTEND TO

EXTEND 4' ABOVE GRADE, FILL W/CONCTRETE, PAINT

OSHA YELLOW (TYP. OF 6)

4. 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.

ACCESSED (INSTALL IF FEASIBLE, COORD. WITH OWNER)

- 3' WIDE CHAIN LINK FENCE GATE & FRAME WITH VINYL

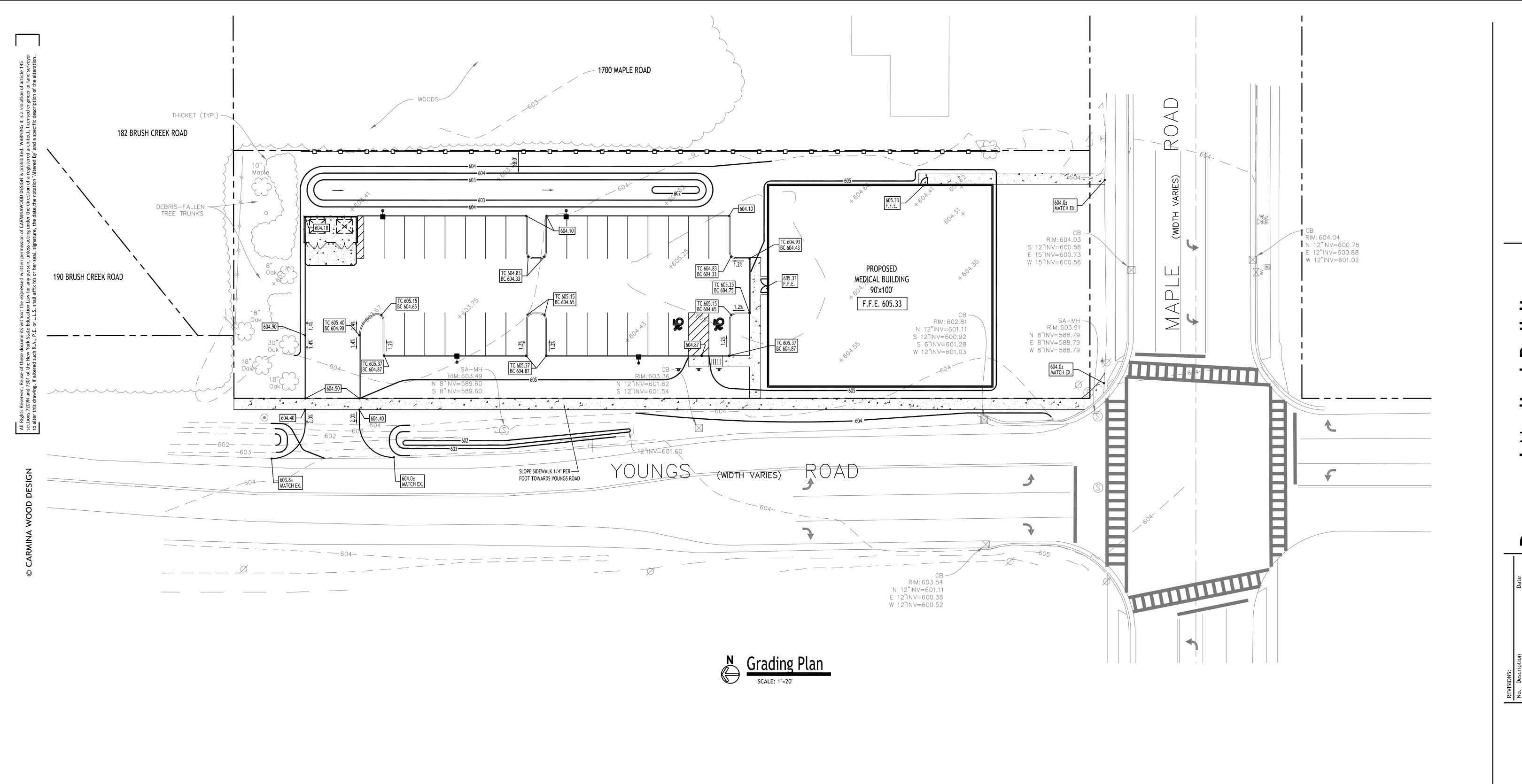
SCREENING STRIPS, GATE TO HAVE LATCHING

MECHANISM TO KEEP CLOSED WHEN NOT BEING

DUMPSTER ENCLOSURE - 7 NOT TO SCALE

5. ALL HARDWARE TO BE HOT DIPPED GALVANIZED STEEL TO SUIT GATE SIZE.

AT 15" MAX.





PROPOSED GRADING LEGEND

-----101------

100.00

TC 100.50 BC 100.00

-

PROPOSED CONTOUR

PROPOSED SPOT ELEVATION

PROPOSED CATCH BASIN

PAVEMENT/GROUND SLOPE

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

PROPOSED MANHOLE

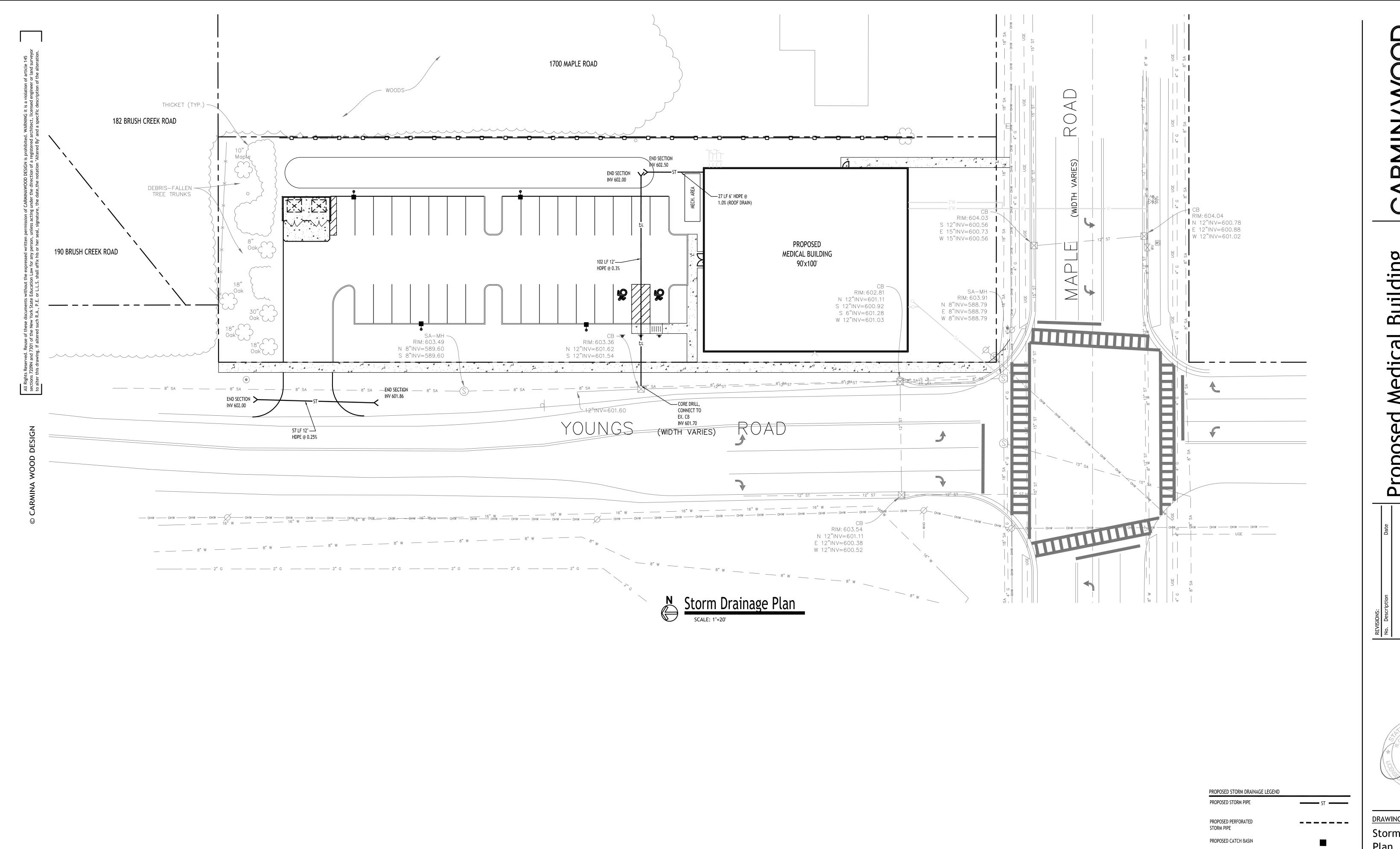
PROPOSED SWALE

PROPOSED TOP/BOTTOM OF CURB

DRAWING NAME: **Grading Plan**

Drawn By: Scale: DRAWING NO.

6/23/25 P. Sheedy As Noted



DRAWING NAME:

Storm Drainage Plan

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NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS,

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PROPOSED MANHOLE

PROPOSED CLEANOUT

(inches) 1.36

Elevation

(ft) 603.56 603.89

(cfs) 2.25 3.16

POST DEVELOPMENT STORMWATER EVENT SUMMARIES
Event Runoff Volume

4,725 6,657

(cubic-feet) 1,958 2,738

6/23/25 Drawn By: P. Sheedy Scale: As Noted DRAWING NO.

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.

PIPE BEDDING MATERIAL (NYSDOT 1985 EDITION)

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.

NO SLAG SHALL BE ALLOWED FOR MATERIAL

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



PIPE BEDDING MATERIAL (NYSDOT 1985 EDITION)

A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

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D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL

BE USED IN ALL UNSHEETED TRENCH AREAS.

TOP OF PIPE ZONE

1/3 I.D. (6"MIN.) (12"MAX.)

(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.

__6" TOPSOIL (MIN.)

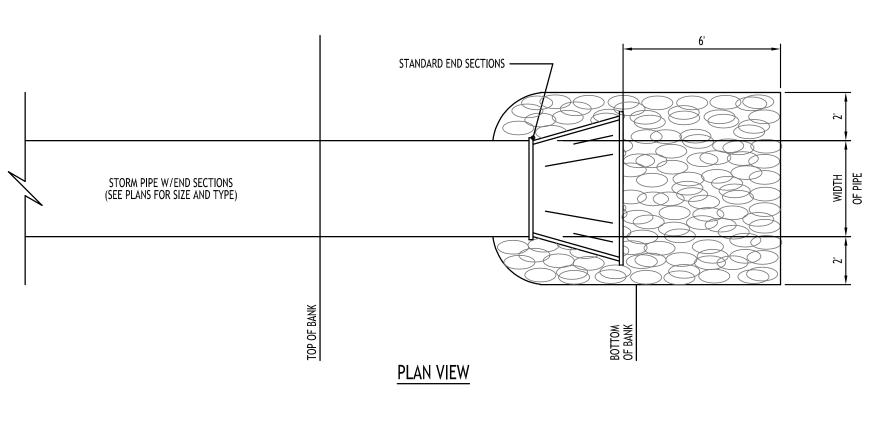
NO SLAG SHALL BE ALLOWED FOR MATERIAL

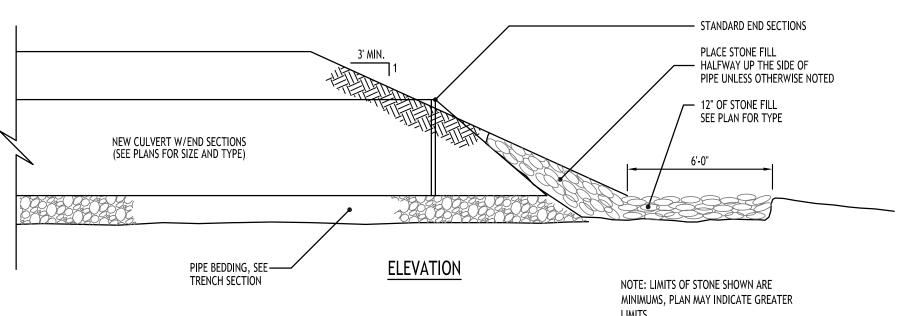
BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

STORM SEWER TRENCH SECTION

IN PAVED AREAS NOT TO SCALE

STORM SEWER TRENCH SECTION IN UNPAVED AREAS NOT TO SCALE





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

uilding \Box



DRAWING NAME: Storm Drainage **Details**

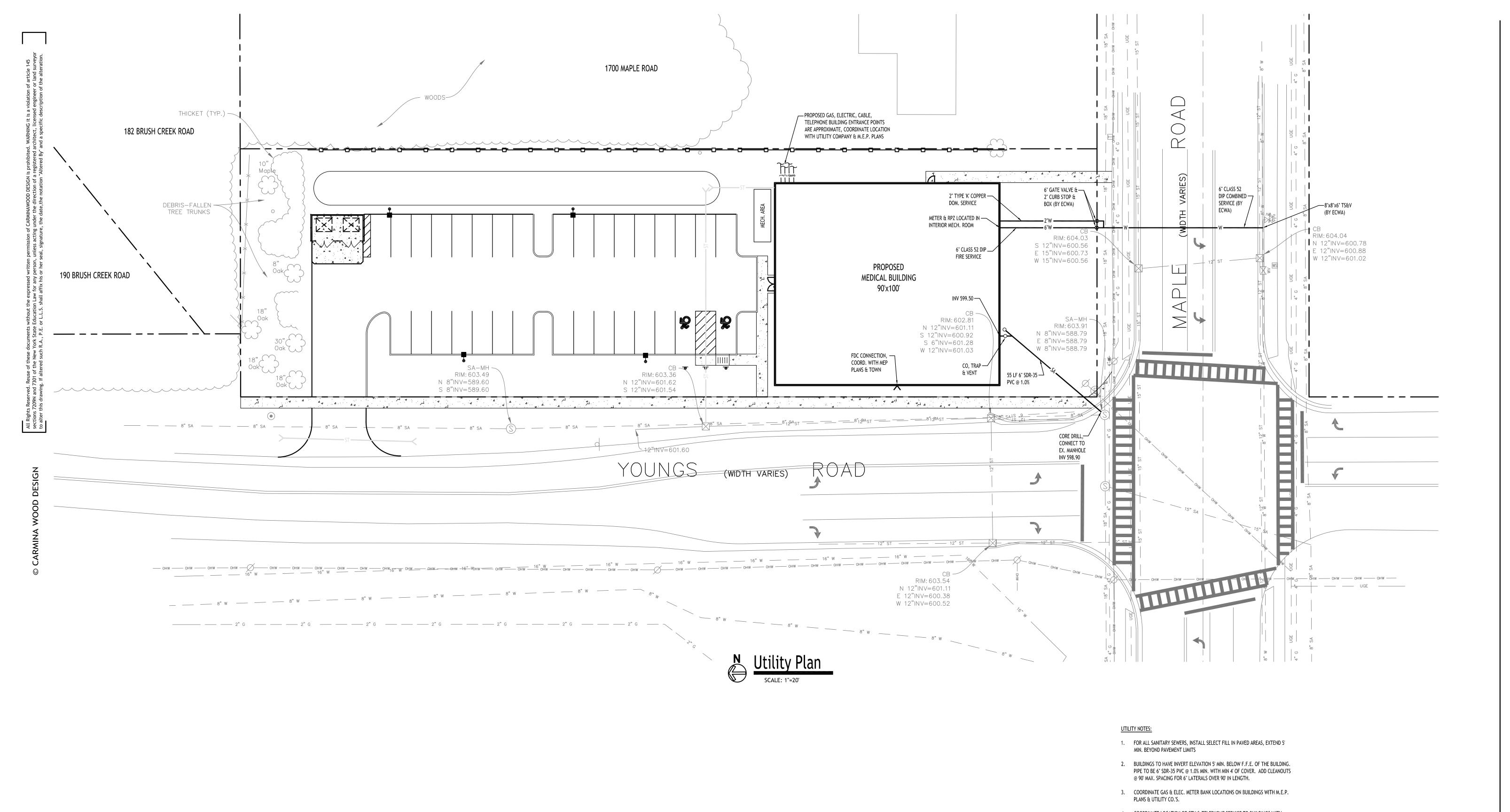
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6/23/25

P. Sheedy

As Noted

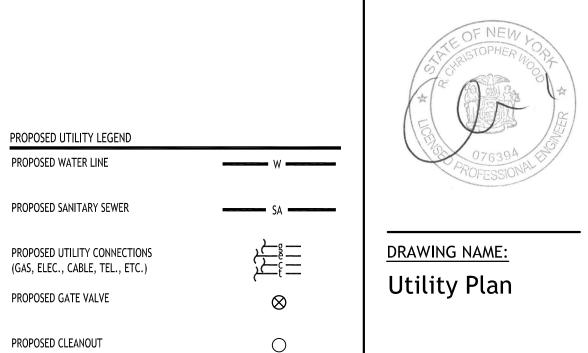
<u>Project No:</u> 24-4153



- 4. COORDINATE LOCATION OF CTV & TELEPHONE SERVICE TO BUILDINGS WITH M.E.P. PLANS AND UTILITY CO.'S.
- 5. 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.
- 6. A MINIMUM OF 10 FEET HORIZONTAL AND 18 INCHES OF VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER AND WATER SERVICES.
- 7. SELECT BACKFILL IS REQUIRED FOR ALL UTILITIES (GAS, WATER, STORM, SANITARY) THAT CROSS THROUGH CONCRETE AND ASPHALT PAVEMENT AREAS.

NOTES:

- 1. ALL SANITARY SEWER CONSTRUCTION SHALL CONFORM TO THE TOWN OF AMHERST SPECIFICATIONS AND DETAILS, AND ERIE COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS.
- 2. 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.
- 3. FILL SHALL BE PLACED AND SATISFACTORILY COMPACTED PRIOR TO INSTALLATION OF UTILITIES, AND MUST BE APPROVED BY THE SUPERVISING
- PROJECT ENGINEER. 4. ALL SANITARY SEWER IS TO CONSTRUCTION IS TO CONFORM TO TOWN OF AMHERST SEWER DISTRICT RULES AND REGULATIONS.
- 5. ALL OTHER REQUIRED PERMITS BY THE STATE OF NEW YORK, COUNTY OF ERIE AND TOWN OF AMHERST ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER.



INSTALL SELECT BACKFILL

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

Drawn By: Scale: DRAWING NO.

6/23/25 P. Sheedy As Noted

MANUFACTURER.

6/23/25

P. Sheedy

As Noted

DRAWING NAME: **Utility Details**

Date:

Scale:

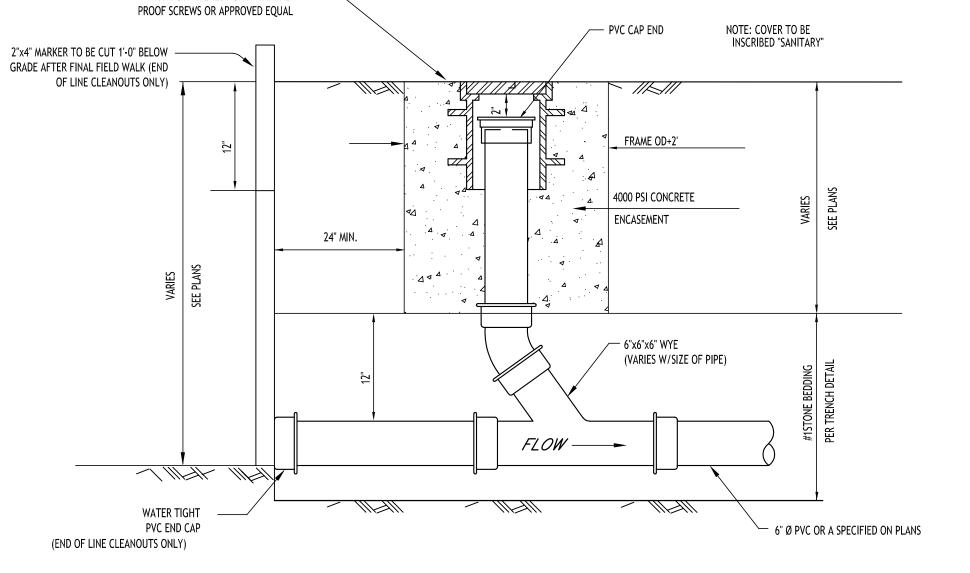
Drawn By:

DRAWING NO.

LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK

NOT TO SCALE

FRAME OD + 2'



LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS

NOT TO SCALE

SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS NOT TO SCALE

NO SLAG SHALL BE ALLOWED FOR MATERIAL BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

EXTERIOR CLEANOUT @ GRADE — J.R. SMITH #4251-U W/ VANDAL-PROOF SCREWS OR APPROVED EQUAL

TOP COURSE

BINDER

STONE BASE

SELECT FILL

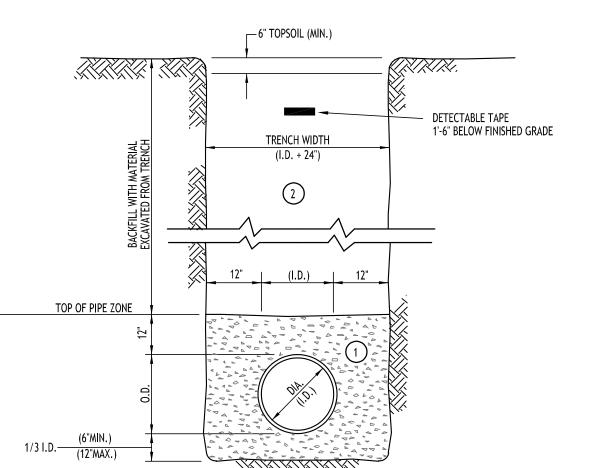
FLOW —

PIPE BEDDING MATERIAL (NYSDOT 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.

D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

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.



DETECTABLE TAPE 1'-6" BELOW FINISHED GRADE TRENCH WIDTH

A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

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C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL

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NO SLAG SHALL BE ALLOWED FOR MATERIAL

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

NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

(2) TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 304-2.02 TYPE 2. THE

SEWER/WATERLINE TRENCH SECTION

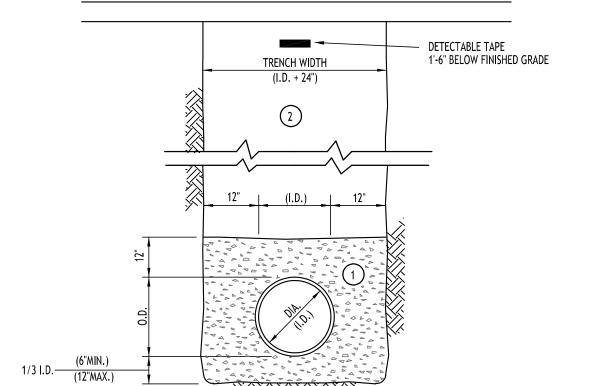
IN PAVED AREAS

NOT TO SCALE

EXTERIOR CLEANOUT @ GRADE — J.R. SMITH #4251-U W/ VANDAL-

PLACEMENT AND MAXIMUM PAY LIMITS.

BE USED IN ALL UNSHEETED TRENCH AREAS.



NOTE: ALL MATERIAL TO CONFORM TO LATEST A.W.W.A.

STANDARD BRONZE CORPORATION STOP- MUELLER

WATERMAIN

FOR P.V.C. PIPE USE BRASS SADDLE FORD OR \neg

SPECIFICATIONS

CONNECTING PIPE POLYETHYLENE TUBE

TYPICAL WATER SERVICE LINE INSTALLATION

NOT TO SCALE

5'-0" MIN. DEPTH

— CAST IRON CURB BOX

STANDARD BRONZE CURB STOP

MUELLER OR EQUAL

HARDWOOD BLOCK

- EXPANSION JOINT

WITH FIBERBOARD

— SEE PLANS FOR

SEWER SIZES

— 6" FOR IN-LINE CLEAN-OUT 8" FOR END OF LINE LAMPHOLE

- 4000 PSI CONCRETE ENCASE

TO FULL DEPTH OF FRAME

POLYETHLYENE

TUBING TO HOUSE

NOTE: SEE UTILITY PLANS FOR SERVICE SIZES

 $\mathbf{\Omega}$

Plant Finish Schedule -1692 Maple Road -Amherst, New York KEY QTY. REMARKS **BOTANICAL NAME COMMON NAME** MIN. SIZE DECIDUOUS TREES Red Maple -Bowhall Acer rubrum 'Bowhall" ARb 2 1/2" - 3" CAL. B&B, HT. 40', W 35' Honey locust - Skyline GT Gleditsia triacanthos 'Inermis' 2 1/2" - 3" CAL. B&B, HT. 40', W 35' Draves Honey Locust Gleditsia triacanthos i. "Draves" PP21698 2 1/2" - 3" CAL. B&B, HT. 45', W 20' Wildfire Tupelo NSW Nyssa sylvatica 'Wildfire' B&B, HT. 35', W 18' 2 1/2" - 3" CAL. Swamp White Oak QB Quercus bicolor B&B, HT. 60', W 40' 2 1/2" - 3" CAL. QBbm Quercus bicolor 'Bonnie & Mike' Bonnie & Mike Oak 2 1/2" - 3" CAL. B&B, HT. 40', W 15' Quercus coccinea Scarlet Oak B&B, HT. 50', W 25' QCc 2 1/2" - 3" CAL. Green Pillar Pin Oak Quercus palustris 'Green Pillar' QPgp B&B, HT. 35', W 18' 2 1/2" - 3" CAL. TCc Tilia cordata corinthian Corinthian Linden 2 1/2" - 3" CAL. B&B, HT. 35', W 18' SMALL / ORNAMENTAL TREES CC Cercis canadensis Redbud 1 1/2" x 2 1/2" CAL. B&B, HT.20', W 25' CK Cornus kousa Kousa Dogwood 3 B&B, HT. 20', W 20' 1 1/2" x 2 1/2" CAL. EVERGREEN TREES Abies concolor White Fir AC B&B, HT. 60', W 20' 6-8' Tall Cryptomeria Japonica 'Black Dragon' Back Dragon Japanese cedar CJbd B&B, HT. 20', W 8' 6-8' Tall Skyrocket Juniper JS Juniperus scopolarum 'Skyrocket' 6-8' Tall B&B, HT. 16', W 4' Juniperus virginiana 'Emerald Sentinel' Eastern Red Cedar JV B&B, HT. 20', W 8' 6-8' Tall Norway Spruce - Upright Picea abies 'Hillside upright' PA 24 B&B, HT. 20', W 8' 6-8' Tall Eastern Hemlock TsC Tsuga canadensis 6-8' Tall B&B, HT. 20', W 8' SHRUBS Inkberry Holly - Compact llex glabra compacta IGc 24-36" Tall B&B, HT. 4', W 4' SNbl 5 Sambucus nigra "black lace" Black Lace Eldeberry 24-36" Tall B&B. HT. 4'. W 3' Korean Spice Viburnum VC 10 Viburnum carlesii B&B, HT. 4', W 4' 24-36" Tall GRASSES/PERENNIALS/GROUNDCOVERS BB Andropogon Gerardii Big Blue Stem Andropogon 24-36" Tall Cont. #3, HT. 4', W 6' KF 3 Calamagrostis x acutiflora Karl Foerster Reed Grass Cont. no.3 - 3'Tall, 3'Wide 24-36" Tall Liriope muscari Big Blue Lilyturf LM 22 Cont. no.3 - 3'Tall, 3'Wide 12-16" Tall NxF Nepeta x faassineii Walker's Low Catmint 18-24" Tall Cont. no.3 - 2'Tall, 3'Wide

30 Ft. Dedicated Vegetative Preservation Area

Size of Existing Tree that is Preserved		
Deciduous Trees	Evergreen Trees	Credits Toward Number of Required New Trees
(DBH)	(height)	
Less than 4 in.	Less than 5 ft.	0.5
4 in. or more but less than 6 in.	5 ft. or more but less than 10 ft.	1
6 in. or more but less than 12 in.	10 ft. or more but less than 15 ft.	2
12 in. or more	15 ft. or more	3

The Preservation area has 2 trees with an 8" and 10" trunk – and 4 trees with 18-24" trunk diameter – these trees are all in good condition. The credit towards number of required new trees = (2x2) + (4x3) = 16 Trees Total Credit.

PER TOWN OF AMHERST CODE

ALL REFUSE CONTAINERS & ALL MECHANICAL EQUIPMENT, UTILITY STRUCTURES, MULTIPLE METER BOARDS, GENERATORS, RPZ'S, & SIMILAR APPURTENANCES, INCLUDING THOSE WHICH ARE MOUNTED ON ANY PART OF A PRIMARY STRUCTURE SHALL BE SHOWN ON THE SITE PLAN & APPROPRIATELY SCREENED W/ A FENCE, WALL, &/OR LANDSCAPING AS REQUIRED BY 203-7-2-4(C) & 203-7-2-4(D) OF TOWN CODE. SUCH SCREENING SHALL BE SHOWN ON THE PLANS SUBMITTED FOR REVIEW. PROVIDE GATE ON REFUSE ENCLOSURE THAT SHALL BE CLOSED WHENEVER REFUSE CONTAINER(S) ARE NOT BEING SERVICED & ENCLOSURE SHALL BE HIGH ENOUGH TO SCREEN THE

PER TOWN OF AMHERST CODE:

CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT EXISTING TREES WHICH ARE TO BE PRESERVED FROM ALL POSSIBLE TYPES OF ROOT, TRUNK, AND LIMB DAMAGE; INCLUDING BY NOT LIMITS TO, RETAIN WALLS WHICH PREVENT FILLING ON TOP OF ROOTS OR EXCAVATING TREE ROOTS AS PER ZONING ORDINANCE 7-2-3(B)(3).

ALL DEAD OR MISSING EXISTING PLANTS FROM THE PREVIOUSLY APPROVED SITE PLANS SHALL BE REPLACED/INSTLALED AS PER ZONING ORDINANCE 7-2-3(A)(1). CONTRACTOR SHALL REFER TO PREVIOUSLY APPROVED SITE AND LANDSCAPE PLANS BY OTHERS FOR ALL LANDSCAPE REFERENCES.

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 260.1
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF, THE QUANTITIES SHOWN ARE A MINIMUM AND ARE FOR
- THE CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKEOUT OF ALL PLANTING MATERIAL LOCATIONS AND CONTACT THE OWNERS FIELD REPRESENTATIVE PRIOR TO ACTUALL 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.
- 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 4 PARTS TOPSOIL, 1 PART PEAT MOSS, X PART WELL ROTTED MANURE, 10 LBS 5-10-5 PLANTING FERTILIZER THOROUGHLY MIXED PER CUBIC YARD.
- 7. STAKE AND WRAP TREES IMMEDIATELY FOLLOWING INSTALLATION.
- 8. ALL PLANTED AREAS SHALL RECEIVE A 3" LAYER OF SHREDDED PINE BARK MULCH OVER 10 MIL. WEED MAT EQUAL TO "WEEDBLOCK" BY EASY
- 9. 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.
- 10. 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.
- 11. 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.

HARDWOOD BARK MULCH.

- 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.
- 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
- 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. SEASONAL FLOWER BEDS SHALL RECEIVE "PREEN" HERBICIDE. NO MULCH SHALL BE INSTALLED IN THE SEASONAL
- 4. ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS,

CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

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DRAWING NAME:

Landscape Plan

Drawn By:

As Noted DRAWING NO.

6/23/25 P. Sheedy

SCALE: 1"=20'

(OR APPROVED SPECIES 4' MIN. HGHT.

UTILITY BOX

(OR APPROVED SPECIES 4' MIN. HGHT.

REQ. AT INSTALL)

- REQ. AT INSTALL)

3" SHREDDED BARK MULCH - MIN. 4" DEEP SAUCER FINISHED GRADE REMOVE BURLAP FROM TOP HALF OF ROOT BALL UTILITY PAD OR LAWN TTYP. NIW SOIL MIX: 3 PARTS TOPSOIL, 1 PART PEAT MOSS OR COMPOST, $\frac{1}{3}$ PART MILORGANITE COMPACTED SUBGRADE ROAD OR SIEWALK SHRUB PLANTING DETAIL DOUBLE STRAND #12 GAUGE GALVANIZED ANNEALED TWISTED STEEL WIRE REINFORCED NEW RUBBER HOSE -— 3" SHREDDED BARK MULCH — MIN. 4" DEEP SAUCER — FINISHED GRADE TYPICAL CONDITION PLAN VIEW REMOVE BURLAP FROM TOP HALF OF ROOT

NOTES:

OR SIDEWALK PER TOWN OF AMHERST CODE

ENOUGH CLEARANCE FOR UTILITY MAINTENANCE TO BE PERFORMED

TYPICAL SHRUB PLANTING TO SCREEN UTILITY INFASTRUCTURE

1. USE EVERGREEN SHRUBS TO SCREEN ALL ABOVEGROUND UTILITY BOXES AND INFASTRUCTURE FROM ADJACENT ROAD

PROVIDE A MINIMUM 4' OFFSET FROM THE SHRUBS PLANTED EDGE TO THE EDGE OF THE UTILITY BOX TO ALLOW

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

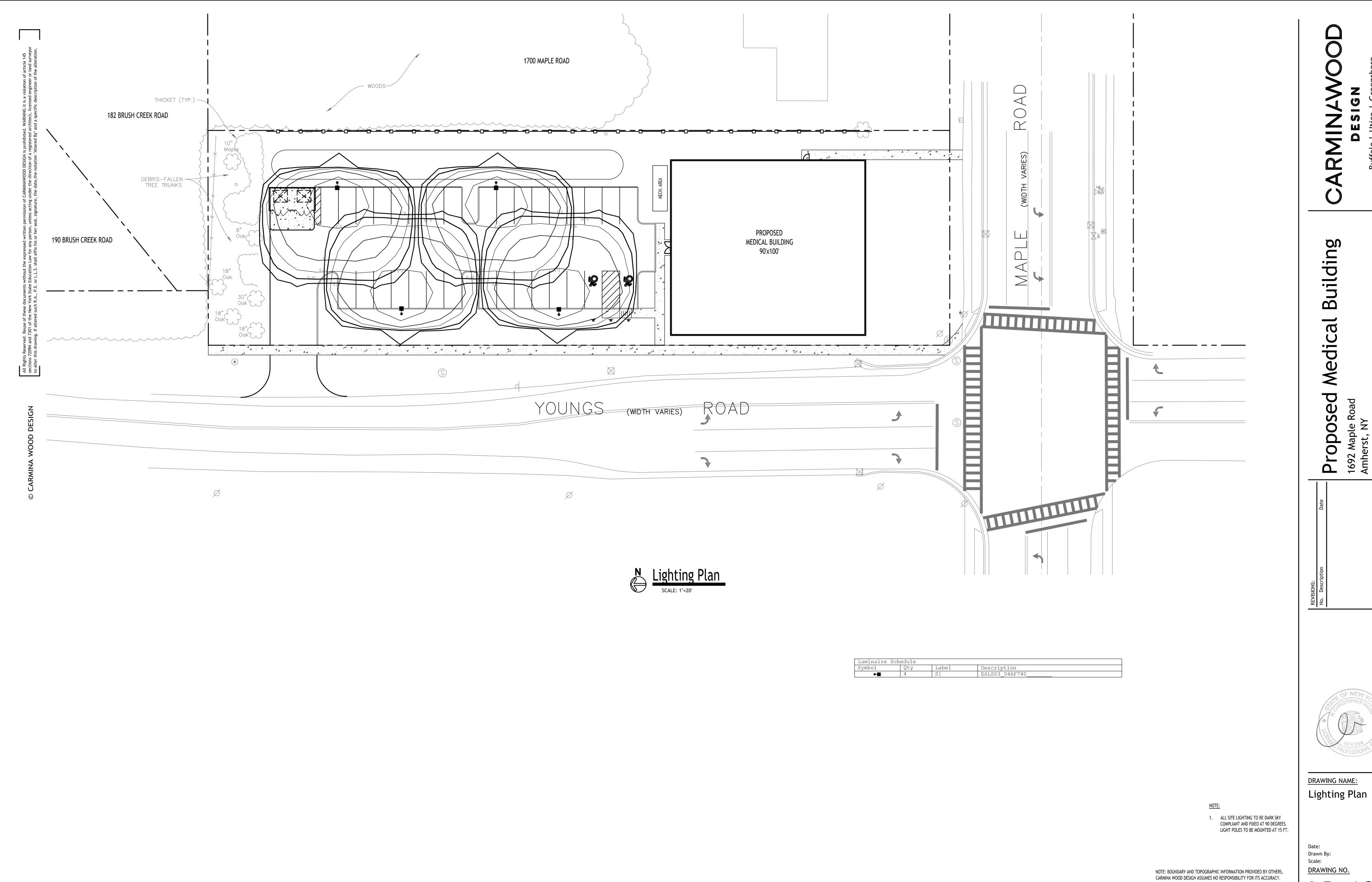
TREE PLANTING DETAIL

- 2. 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. LOCATIONS TO BE COORDINATED IN FIELD WITH OWNER REP. 3. 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.
- LOCATIONS TO BE COORDINATED IN FIELD WITH OWNER REP. 4. ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.

- SOIL MIX: 3 PARTS TOPSOIL, 1 PART PEAT

COMPACTED SUBGRADE

MOSS OR COMPOST, $\frac{1}{3}$ PART MILORGANITE



6/23/25 P. Sheedy As Noted

<u>Project No:</u> 24-4153