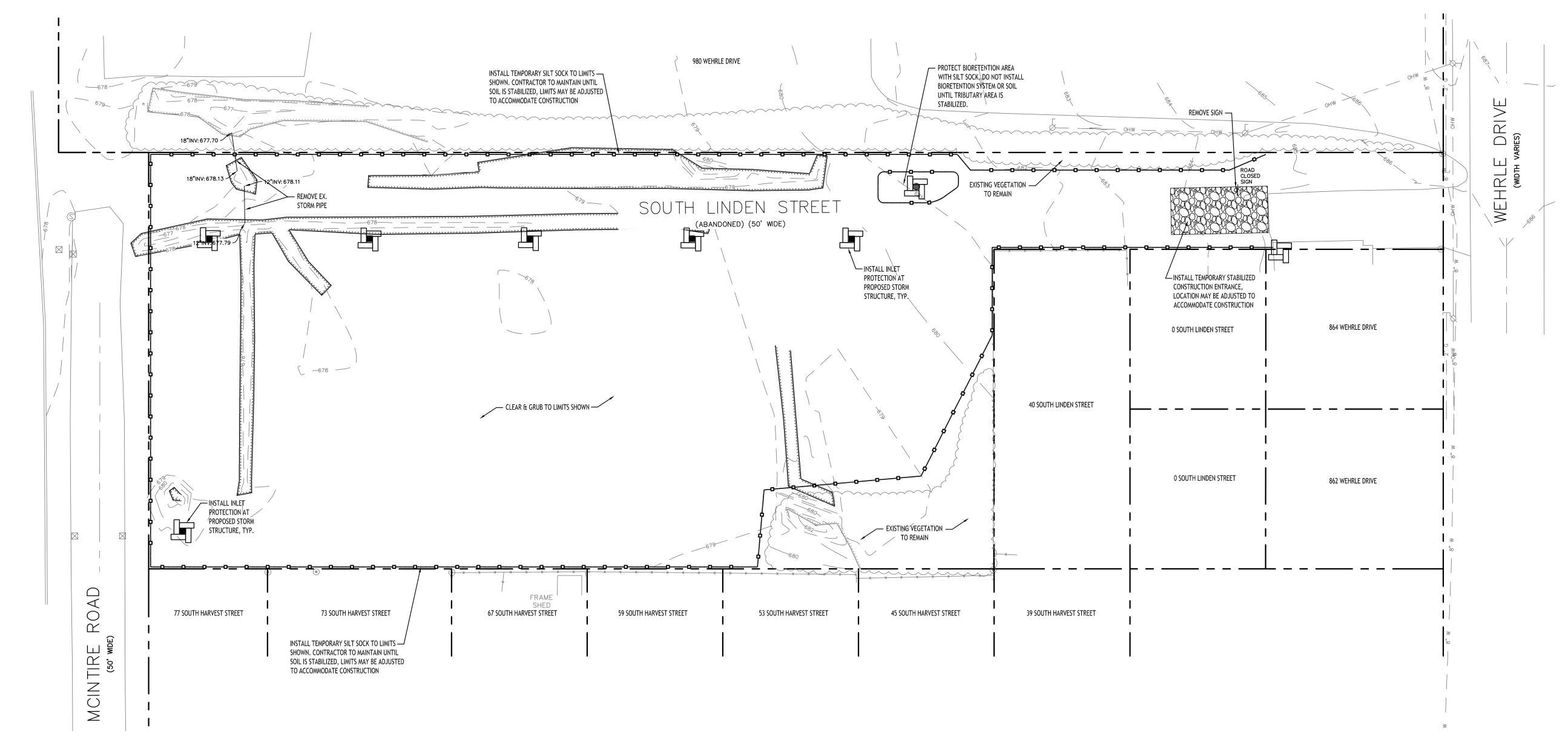
© CAKMINA WOO



DEMOLITION NOTES:

- 1. ALL PERIMETER SILT SOCK TO BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITY BEGINNING.
- 2. CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THOSE ITEMS TO REMAIN, SUCH AS TREES, PROPERTY CORNER PINS, UTILITY POLES, VALVES, HYDRANTS, CURBS, MANHOLES AND CATCH BASINS.
- 3. TEMPORARY SILT SOCK TO BE INSTALLED AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE. MAINTAIN UNTIL VEGETATION IS ESTABLISHED AND PAVEMENT IS INSTALLED.
- 4. AS NECESSARY, COVERED DUMPSTERS SHALL BE PROVIDED ONSITE AS REQUIRED FOR CONSTRUCTION WASTE.
- 5. 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.
- 6. CONTRACTOR TO COORDINATE WITH TOWN LANDSCAPE ARCHITECT WHICH TREES SHALL BE REMOVED AND WHICH SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
- 7. 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.
- 8. REMOVE EXISTING BUILDING TO INCLUDE ALL FOUNDATIONS, PORCHES, STEPS, ETC. ALL UTILITY CONNECTIONS TO BE ABANDONED AND/OR REMOVED PER COUNTY, TOWN, AND UTILITY COMPANY REQUIREMENTS.

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.
- 2. 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.
- 3. ALL SILT SOCK BARRIERS SHALL BE REPLACED WHEREVER THEY BECOME CLOGGED OR INOPERABLE.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. INSTALL TEMPORARY SILT SOCK AROUND THE BASE OF STOCKPILES. STOCKPILES NOT BEING ACTIVELY USED FOR MORE THAN SEVEN (7) DAYS SHALL BE STABILIZED.
- 11. THE PROFESSIONAL CERTIFYING COMPLIANCE TO NYSDEC PHASE II STORMWATER REGULATION REQUIREMENTS MUST INSPECT AT A MINIMUM WEEKLY, AND WHEN DISTURBING MORE THAN 5 ACRES TWICE A WEEK, AND SHALL PROVIDE THESE INSPECTION REPORT WITH A WRITTEN CERTIFICATION OF CONSTRUCTION COMPLIANCE TO THE TOWN OF AMHERST (BI)WEEKLY.
- 12. THE ENGINEER OF RECORD FOR THIS PROJECT CERTIFIES THAT THESE DESIGN PLANS MEET THE REQUIREMENTS AND ARE IN COMPLIANCE WITH THE NEW YORK STORMWATER MANAGEMENT DESIGN MANUAL AND NYSDEC PHASE II STORMWATER REGULATION REQUIREMENTS.



SEQUENCE OF MAJOR ACTIVITIES

THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING THE FOLLOWING EROSION CONTROL AND STORM WATER MANAGEMENT CONTROL MEASURES. THE CONTRACTOR MAY DESIGNATE THESE TASKS TO CERTAIN SUBCONTRACTORS AS HE SEES FIT, BUT THE ULTIMATE RESPONSIBILITY FOR IMPLEMENTING THESE CONTROLS AND ENSURING THEIR PROPER FUNCTIONING REMAINS WITH THE CONTRACTOR. THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

A. INSTALL STABILIZED CONSTRUCTION ENTRANCE

B. INSTALL PERIMETER SILT FENCES/SILT SOCK IN THE LOCATIONS SHOWN ON THE DEMOLITION AND EROSION CONTROL PLAN SHEET.

C. CLEAR & GRUB SITE.

D. INSTALLATION OF DETENTION BASIN.

E. COMMENCE SITE GRADING.

F. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.

G. CONSTRUCTION OF BUILDINGS.

H. INSTALLATION OF PROPOSED UTILITIES.

I. FINALIZE PAVEMENT SUBGRADE PREPARATION.

J. CONSTRUCT ALL CURB, DRAINAGE INLETS, STORM SEWER PIPES AND STORM SEWER MANHOLES, AS SHOWN ON PLANS. INSTALL TEMPORARY INLET PROTECTION AT THE LOCATION OF ALL INLETS.

K. DUST CONTROL.

L. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.

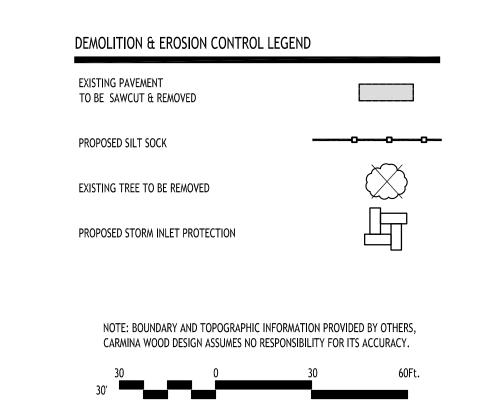
M. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.

N. CARRY OUT FINAL GRADING AND SEEDING AND PLANTINGS.

O. CLEAN STORM SYSTEM FOLLOWING CONSTRUCTION, CLEAN UNDERGROUND DETENTION BASIN AS PER MANUFACTURER RECOMMENDATIONS.

P. REMOVE SILT FENCE/SILT SOCK ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.

Q. REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS.



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DEMOITION & Erosion Control Plan

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As Noted

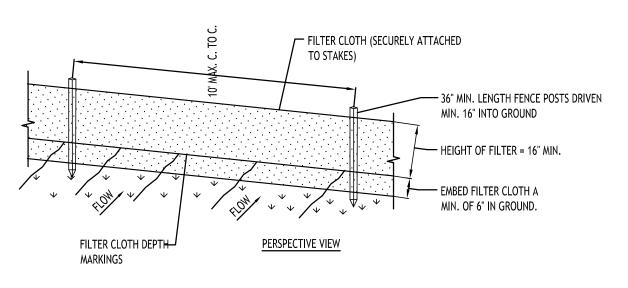
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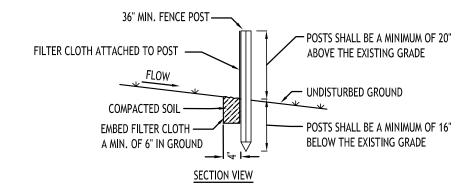
- 2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- 3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
- UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.

GRAVEL SUPPORTED BY HARDWARE

MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 1 NOT TO SCALE

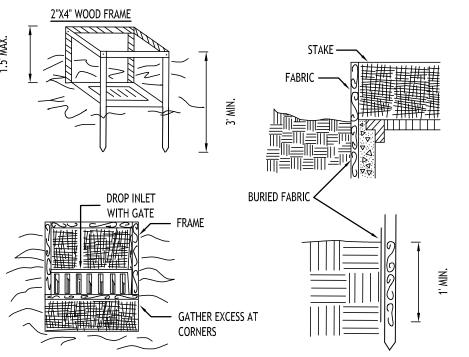




CONSTRUCTION SPECIFICATIONS

- 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

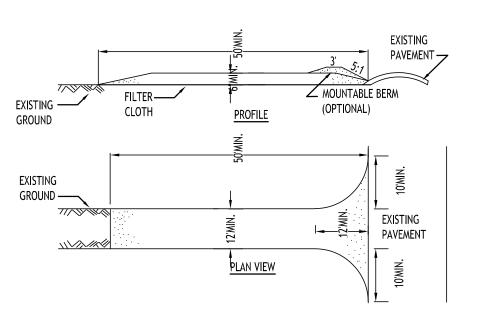


CONSTRUCTION SPECIFICATIONS

- 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 2

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



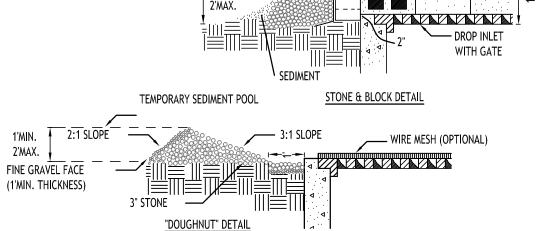
CONSTRUCTION SPECIFICATIONS

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

STABILIZED CONSTRUCTION ENTRANCE DETAIL NOT TO SCALE



STONE & BLOCK PLAN VIEW — WIRE SCREEN **TEMPORARY** SEDIMENT POOL -

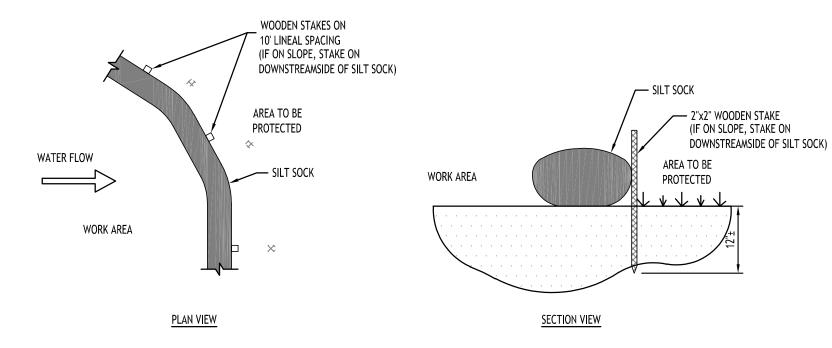


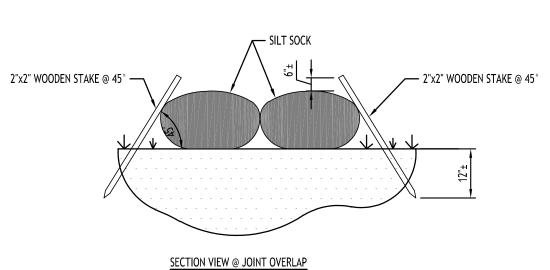
CONSTRUCTION SPECIFICATIONS

- 1. 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.
- 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.
- 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 DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE

INLET PROTECTION DETAIL 3





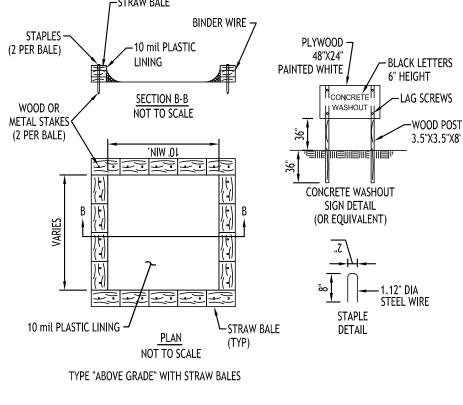
NOTES:

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

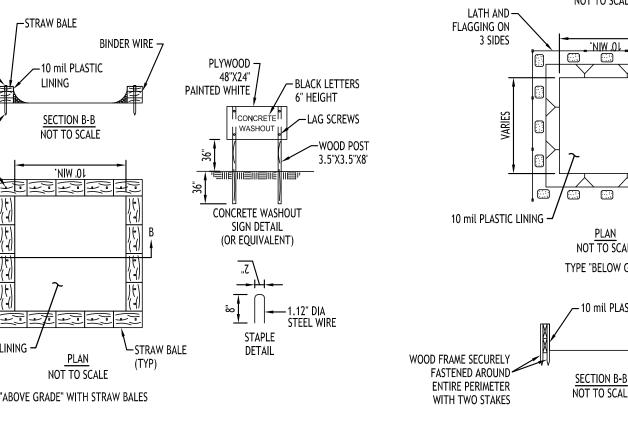
CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED AT THE BASE OF THE SILT SOCK WHEN IT HAS REACHED $\frac{1}{7}$ OF THE EXPOSED HEIGHT OF THE SILT SOCK. ALTERNATIVELY, RATHER THAN CREATE A SOIL DISTURBING ACTIVITY, THE ENGINEER MAY CALL FOR ADDITIONAL SILT SOCK TO BE ADDED AT AREAS OF HIGH SEDIMENTATION, PLACED 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

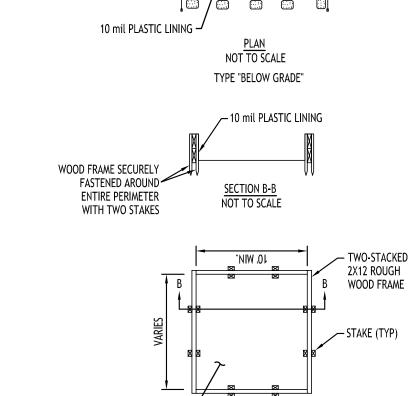
SILT SOCK DETAIL



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



- A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

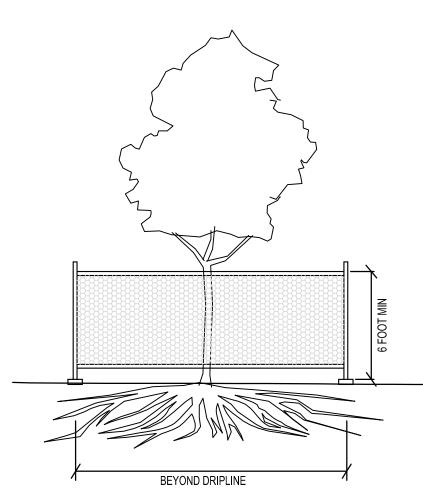


NOT TO SCALE

CONCRETE WASHOUT DETAIL

NOT TO SCALE

PLAN VIEW OF ROOTS



10 mil PLASTIC LINING -

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

TYPE "ABOVE GROUND"

WITH WOOD PLANKS

- 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

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

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.

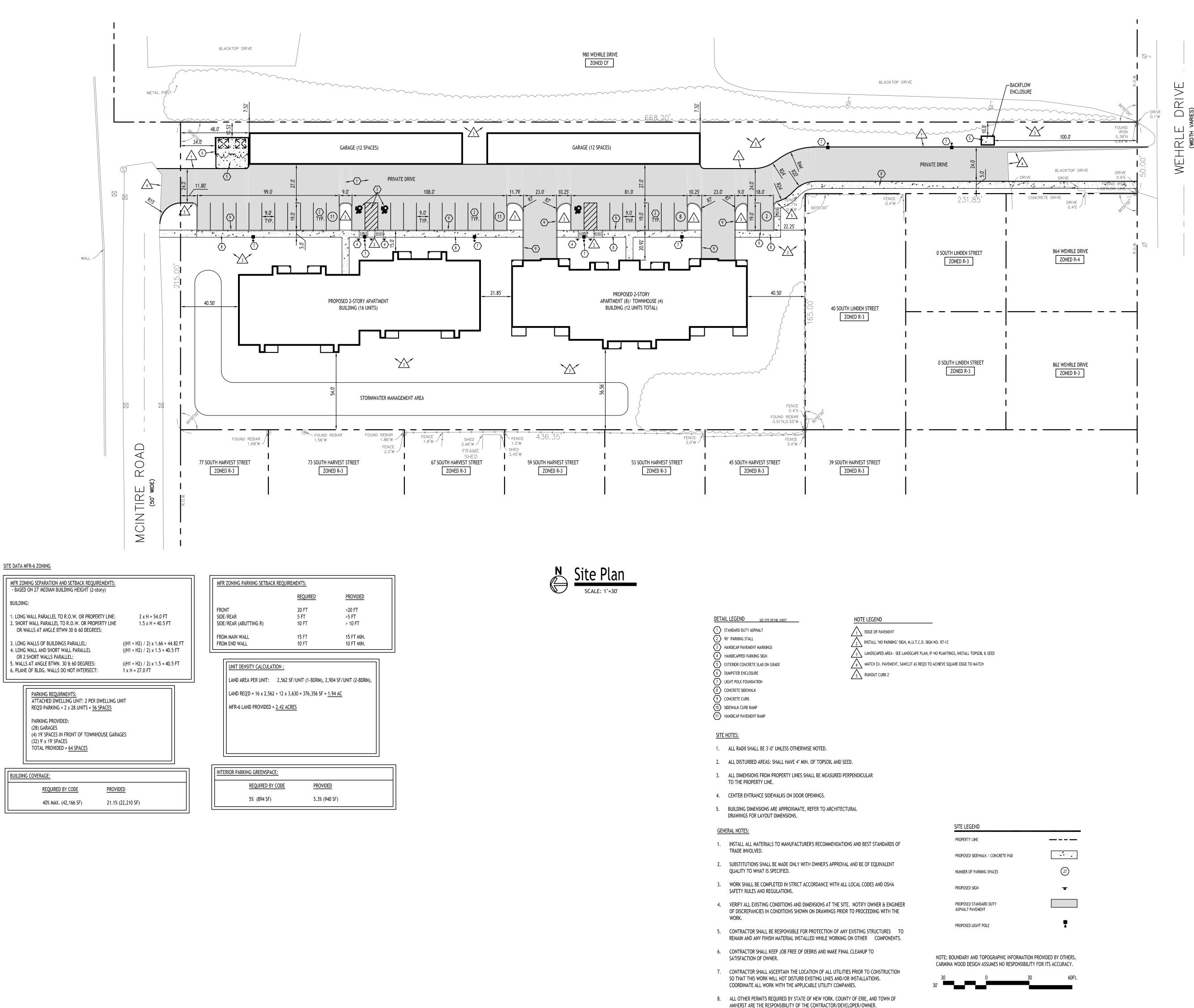
FENCING USED FOR TREE OR OTHER VEGETATION PROTECTION SHALL NOT BE TEMPORARILY REMOVED TO ALLOW EQUIPMENT ACCESS OVER A PROTECTED AREA, EXCEPT AS REQUIRED FOR ITEMS OF WORK SPECIFICALLY SHOWN ON THE PLANS AND APPROVED BY THE ENGINEER IN WRITING.



DRAWING NAME: Demolition & **Erosion Control** Details

Drawn By: DRAWING NO.

9/22/25 C. Wood



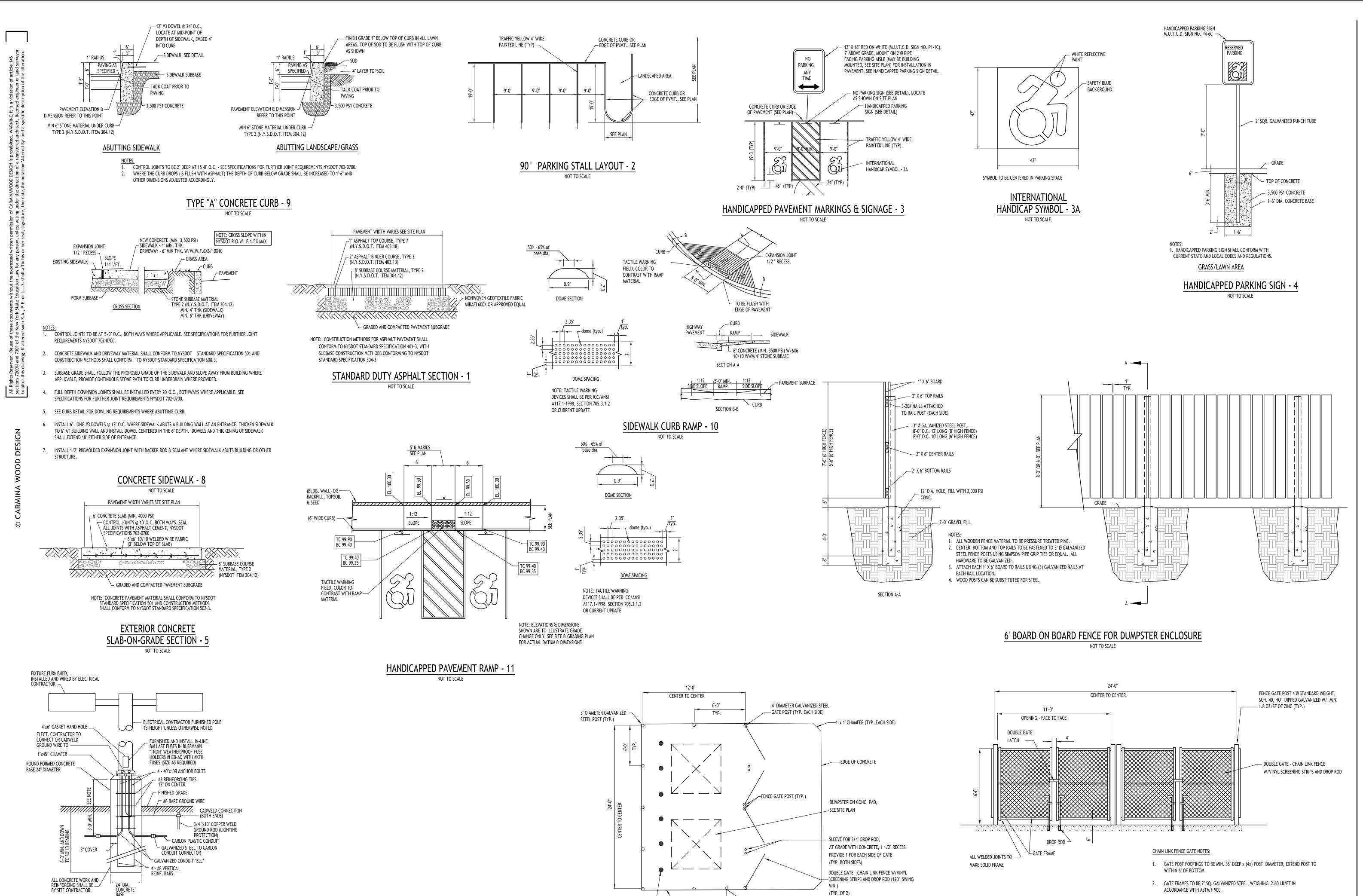
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DRAWING NAME: Site Plan

Drawn By: Scale: DRAWING NO.

9/22/25

C. Wood



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DRAWING NAME: Site Details

Date:

3. CHAIN LINK FENCE FABRIC SHALL BE 2" MESH, 9 GAUGE, ZINC COATED STEEL CORE

4. DOUBLE GATE LATCH TO BE FORKED TYPE CAPABLE OF RETAINING GATE IN CLOSED

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

POSITION AND HAVE PROVISION FOR PAD LOCK. LATCH SHALL BE OPERABLE FROM

AT 15" MAX.

DUMPSTER ENCLOSURE - 6

NOT TO SCALE

EITHER SIDE OF GATE.

WIRE. INSTALL MESH WITH HOOK BOLTS AND TENSION BARS ON ALL 4 SIDES, ATTACH

Drawn By:

Scale:

9/22/25

C. Wood

As Noted

DRAWING NO. <u>Project No:</u> 23-4154

LIGHT POLE FOUNDATION - 7

NOT TO SCALE

IN NON-CURBED GRASS AREAS: 6" ABOVE GRADE

2. FOR LIGHT FIXTURE ORDERING INFORMATION SEE SITE LIGHTING PLAN

IN CURBED ISLANDS: 6" ABOVE TOP OF CURB ELEVATION

1. FOR LOCATIONS OF FOUNDATIONS SEE SITE PLAN

IN PAVEMENT: 30" ABOVE GRADE

3. LIGHT POLE BASE EXPOSURE ABOVE GRADE SHALL BE:

PLAN VIEW

─ 6' HIGH BOARD

6" Ø PIPE BOLLARD SET IN CONTRETE 3' BELOW GRADE,

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

OSHA YELLOW (TYP. OF 6)

FENCE, SEE DETAIL

5' WIDE SIDEWALK TO

ASPHALT DRIVE

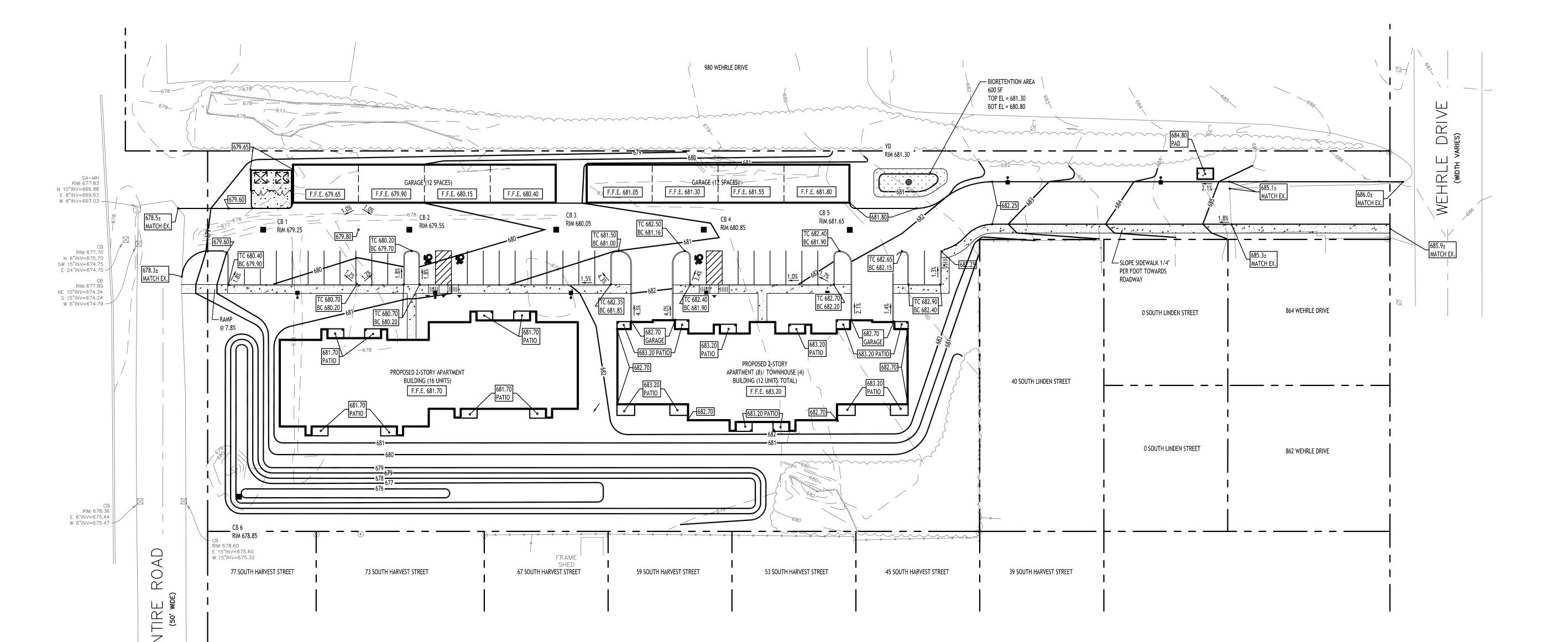
ACCESS GATE, EXTEND TO

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

ACCESSED (INSTALL IF FEASIBLE, COORD. WITH OWNER)

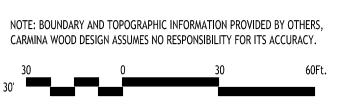
SCREENING STRIPS, GATE TO HAVE LATCHING

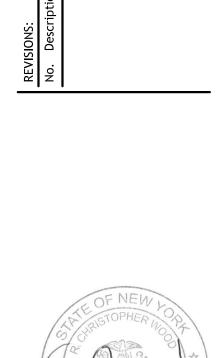
MECHANISM TO KEEP CLOSED WHEN NOT BEING





ROPOSED GRADING LEGEND	
ROPOSED CONTOUR	101
ROPOSED SPOT ELEVATION	[100.00]
ROPOSED CATCH BASIN	СВ
AVEMENT/GROUND SLOPE	→
ROPOSED MANHOLE	● MH
DODOCED CHALE	





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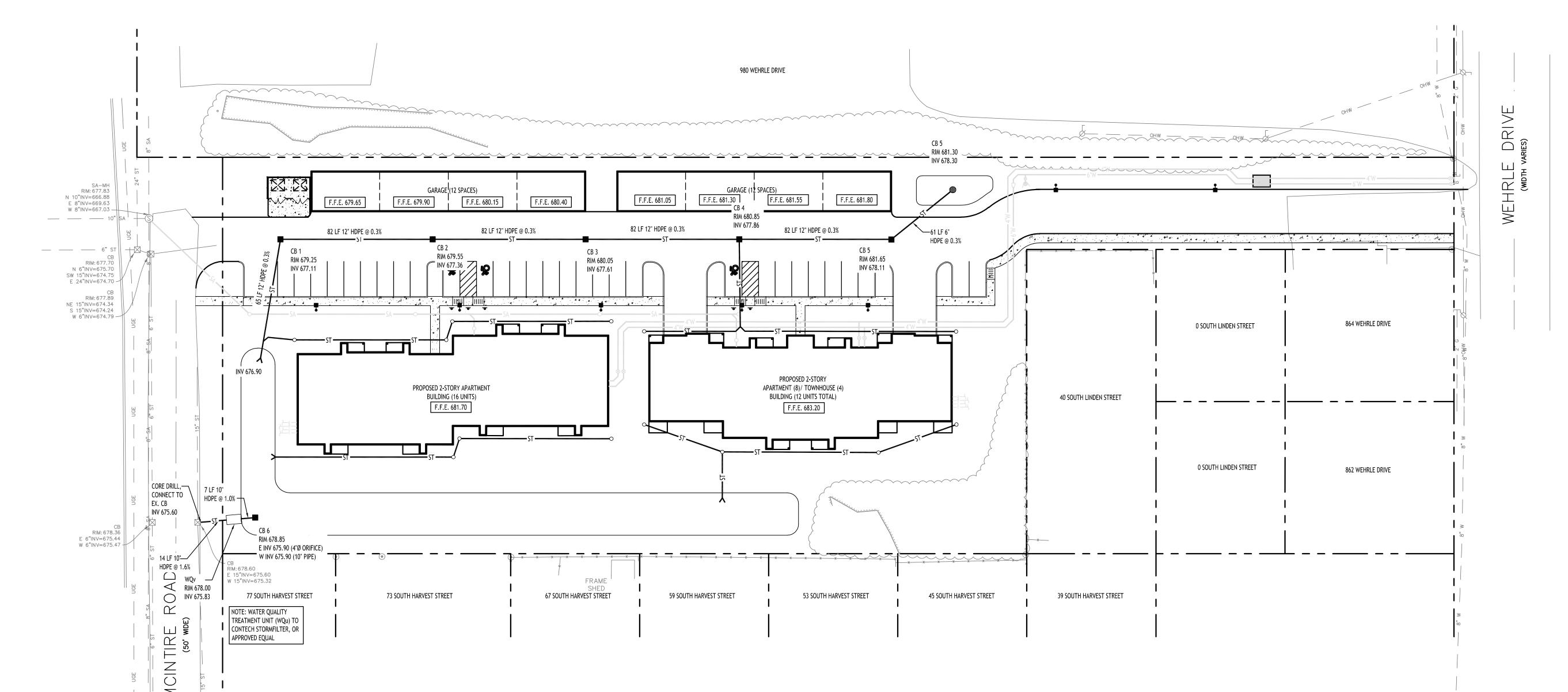
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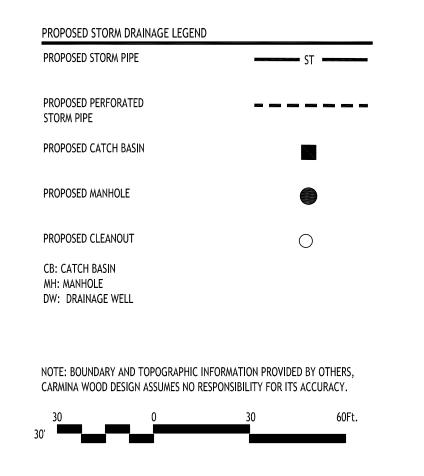
9/22/25 C. Wood As Noted

C-200



Storm Drainage Plan

SCALE: 1"=30"



CARMINAWOO



DRAWING NAME:
Storm Drainage
Plan

Date:
Drawn By:
Scale:
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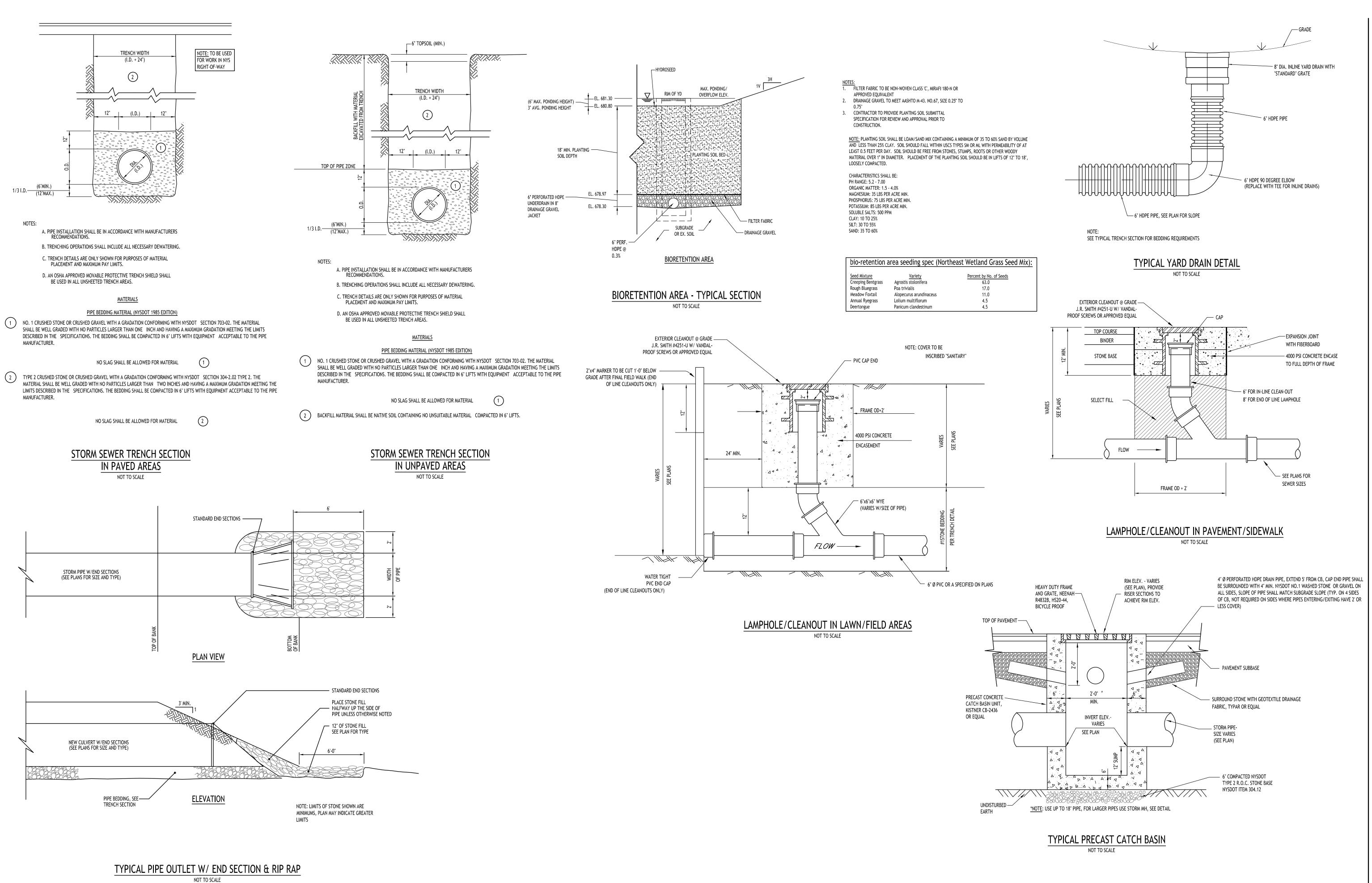
9/22/25

C. Wood As Noted

C-300







RMINAWOO DESIGN

amily Development

- Multi-Family D

REVISIONS:

No. Description

Date

DRAWING NAME:
Storm Drainage
Details

Date:
Drawn By:
Scale:
DRAWING NO.

As Noted

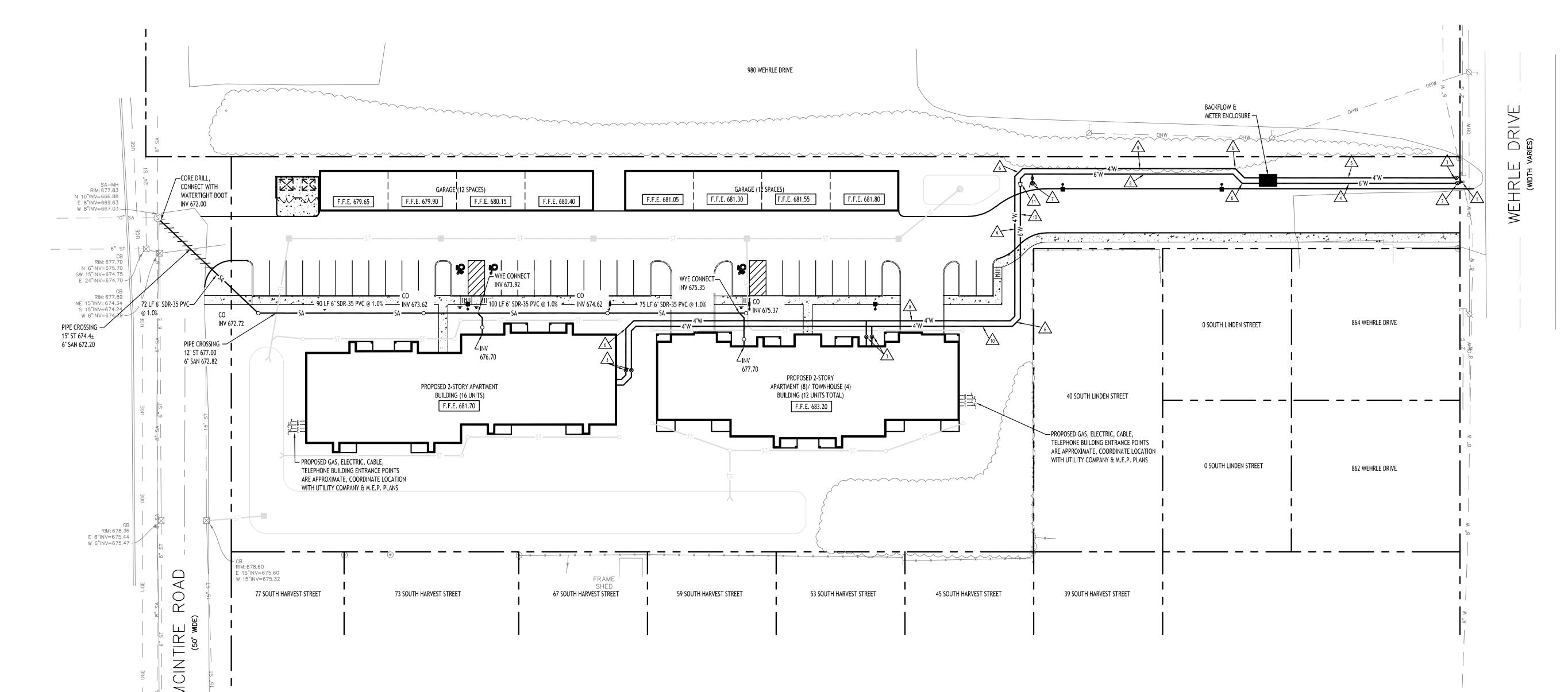
G NO.

As Noted

9/22/25

C. Wood

<u>Project No:</u> 23-4154



Variable Var



- 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.

6" CLASS 52 DUCTILE IRON 6" VALVE AND BOX 3 4" VALVE AND BOX 6" CLASS 52 DIP FIRE SERVICE 5 4" CLASS 52 DIP DOMESTIC SERVICE PROVIDE BENDS AND BLOCKING AS NECESARY T HYDRANT ASSEMBLY 6" AWWA C-900 PVC FIRE SERVICE 4" AWWA C-900 PVC DOMESTIC SERVICE 4" AWWA C-900 PVC FIRE SERVICE 6"x4" REDUCER

WATER NOTE LEGEND

MIN. BEYOND PAVEMENT LIMITS

- 1. FOR ALL SANITARY SEWERS, INSTALL SELECT FILL IN PAVED AREAS, EXTEND 5'
- 2. 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.
- 3. COORDINATE GAS & ELEC. METER BANK LOCATIONS ON BUILDINGS WITH M.E.P.
- PLANS & UTILITY CO.'S. 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.

ROPOSED WATER LINE	——— W
PROPOSED SANITARY SEWER	SA
PROPOSED UTILITY CONNECTIONS (GAS, ELEC., CABLE, TEL., ETC.)	£
PROPOSED GATE VALVE	\otimes
PROPOSED CLEANOUT	0
NSTALL SELECT BACKFILL	'////,

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS,

CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

DRAWING NAME: **Utility Plan**

Drawn By: DRAWING NO.

9/22/25

C. Wood

DETECTABLE TAPE 1'-6" BELOW FINISHED GRADE TRENCH WIDTH 1/3 I.D. (12"MAX.) 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.

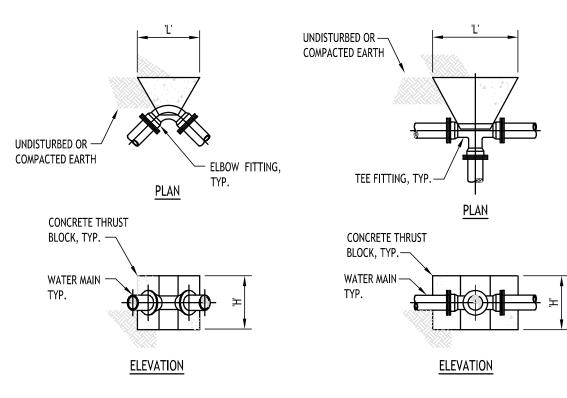
PIPE BEDDING MATERIAL (NYSDOT 1985 EDITION) NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE

NO SLAG SHALL BE ALLOWED FOR MATERIAL

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

NO SLAG SHALL BE ALLOWED FOR MATERIAL

SEWER/WATERLINE TRENCH SECTION IN PAVED AREAS NOT TO SCALE



			DIMENSION S	CHEDULE				
PIPE	90° E	ELBOW	45° El	BOW	22.5° l	ELBOW	11.25°	ELBOW
SIZE	'H'	T	'H'	T	'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'

8"	2.5'	3.5'	2.0'	2.5'	1.5'
10"	3.0'	4.5'	2.5'	3.0'	1.5'
12"	3.5'	5.0'	3.0'	3.5'	2.5'
DIMENSIO	ON SCHEDULE				TUD
PIPE SIZE		R TAP EVE			THR
	'H'	T			
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'			

	H L' H' L' H' L' H' L' 1.5' 2.0' 1.0' 2.0' 1.0' 1.0' 1.0' 1.0'								
		ELE	VATION					ELEVA	TION
			DIMENCION C	CHEDIII E					1
			DIMENSION 3	CHEDULE					
PIPE	90° E	LBOW	45° El	BOW	22.5° F	22.5° ELBOW		ELBOW	
SIZE	Ή	T	'H'	T	Ή	T	'H'	T.	
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'	
DIMENSIO	ON SCHEDULE	•					61/ 661		_

RUST BLOCK SCHEDULE

__6" TOPSOIL (MIN.) DETECTABLE TAPE 1'-6" BELOW FINISHED GRADE TOP OF PIPE ZONE 1/3 I.D. (12"MAX.)

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

BE USED IN ALL UNSHEETED TRENCH AREAS.

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

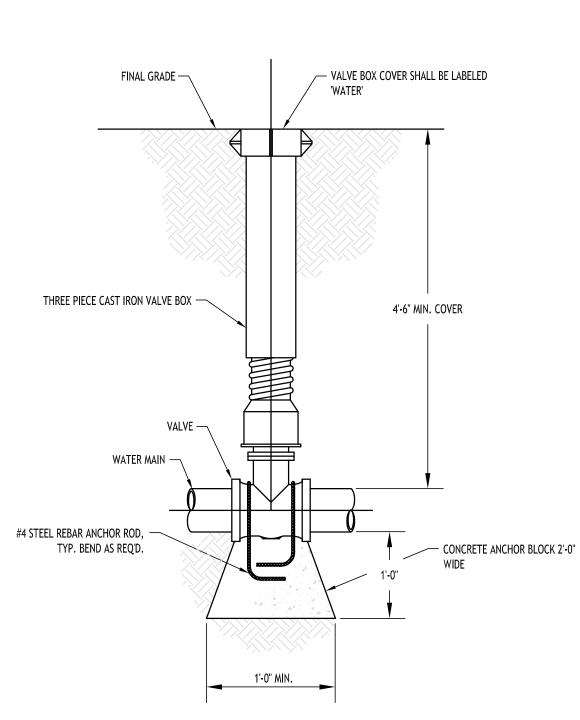
PIPE BEDDING MATERIAL (NYSDOT 1985 EDITION)

(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.

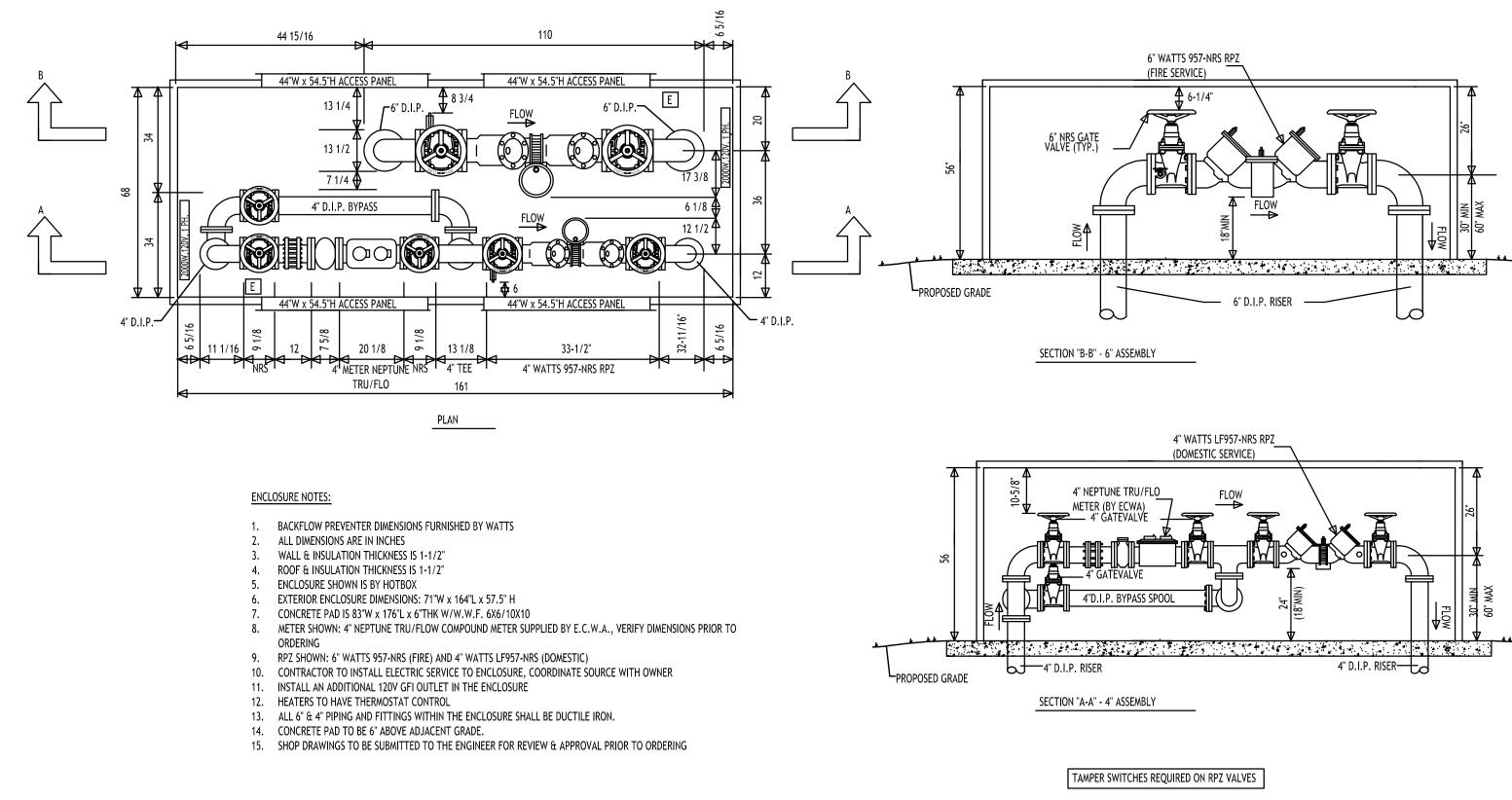
NO SLAG SHALL BE ALLOWED FOR MATERIAL

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

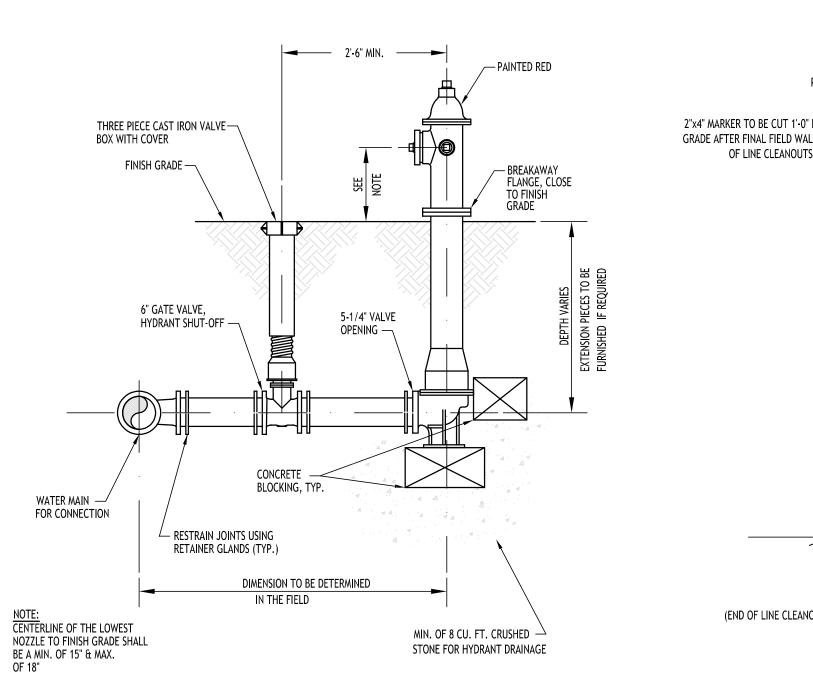
SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS NOT TO SCALE



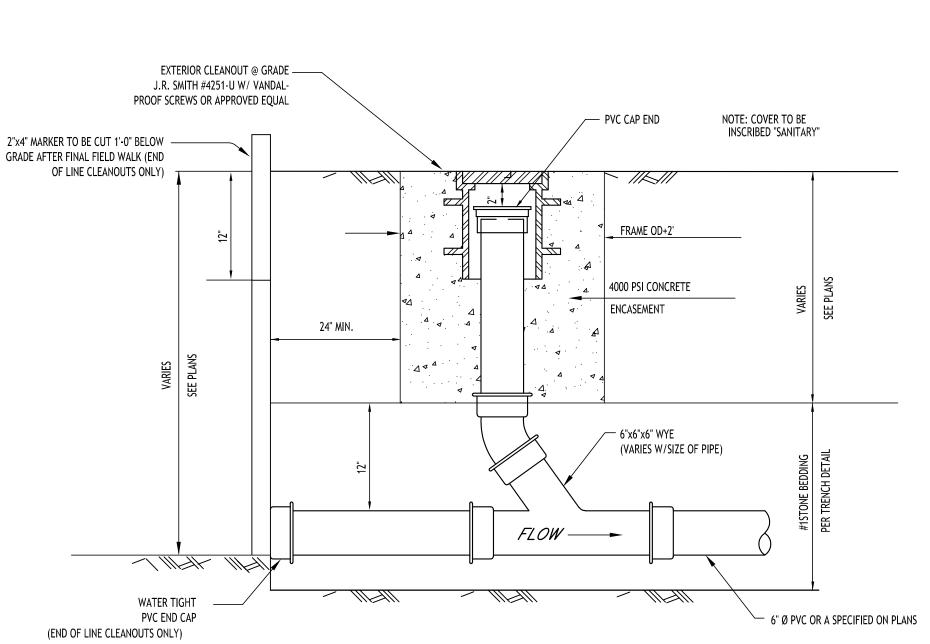
TYPICAL GATE VALVE DETAIL NOT TO SCALE



6" FIRE & 4" DOM RPZ BACKFLOW DEVICE & ENCLSOURE



TYPICAL FIRE HYDRANT ASSEMBLY DETAIL NOT TO SCALE



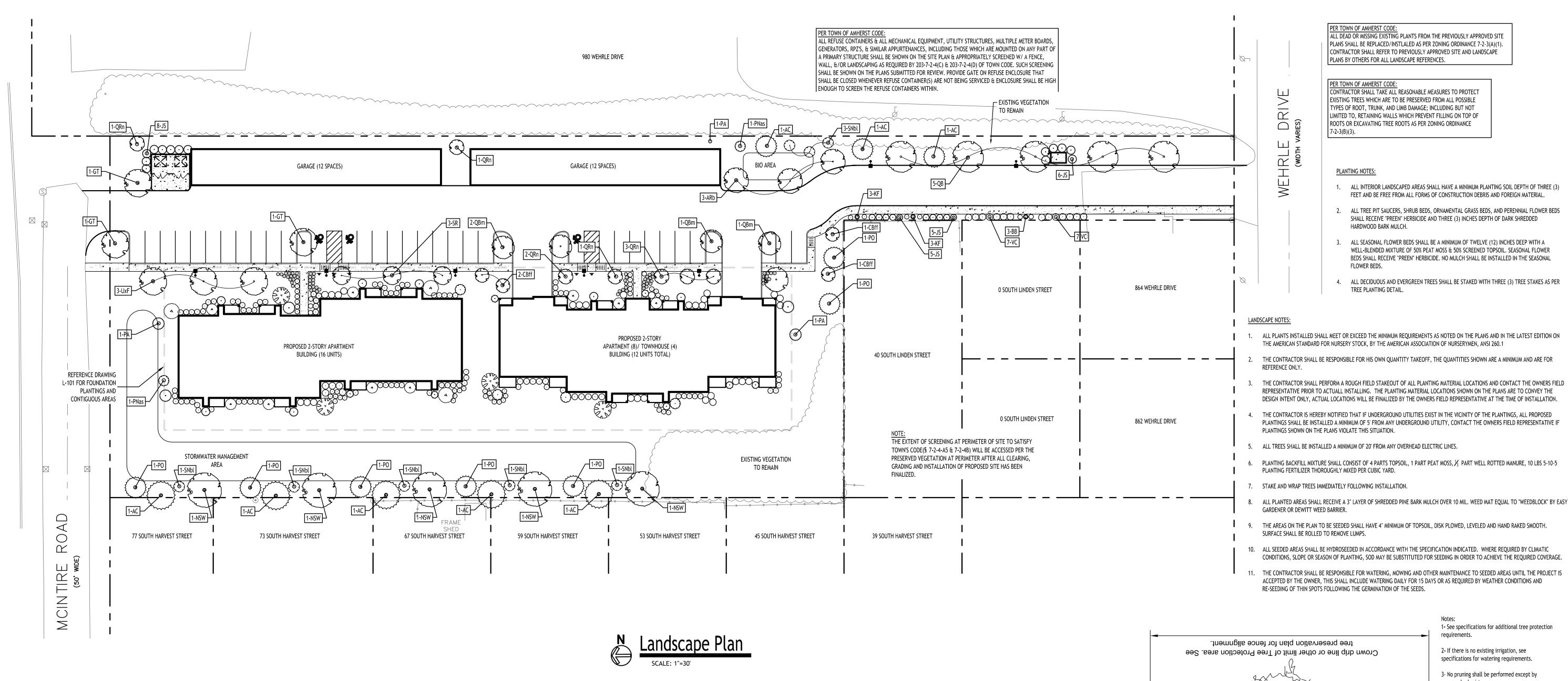
LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS NOT TO SCALE



DRAWING NAME: **Utility Details**

DRAWING NO.

9/22/25 Date: C. Wood Drawn By: Scale: As Noted



Plant Finish Schedule

KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
		DECIDUOUS TREES			
QB	5	Quercus bicolor	Swamp White Oak	2 1/2" - 3" CAL.	B&B, HT. 60', W 40'
GT	4	Gleditsia triacanthos I "Draves"	Street Keeper Honey Locust	2 1/2" - 3" CAL.	B&B, HT. 40', W 35'
ARb	3	Acer rubrum 'Bowhall"	Red Maple -Bowhall	2 1/2" - 3" CAL.	B&B, HT. 40', W 35'
NSW	6	Nyssa sylvatica 'Wildfire'	Wildfire Tupelo	2 1/2" - 3" CAL.	B&B, HT. 35', W 18'
CBff	4	Carpinus betulus 'Frans Fontaine'	European Hornbeam - Frans Fontaine	2 1/2" - 3" CAL.	B&B, HT. 35', W 15'
QRn	7	Quercus robur x bicolor Nadler PP17604'	Kindred Spirit Oak	2 1/2" - 3" CAL.	B&B, HT. 30', W 6'
QBbm	4	Quercus bicolor 'Bonnie & Mike'	Bonnie & Mike Oak	2 1/2" - 3" CAL.	B&B, HT. 40', W 15'
UxF	3	Ulmus x frontier	Frontier Elm	2 1/2" - 3" CAL.	B&B, HT. 35', W 25'

S M A	ALL / ORNAMENTAL TR	EES		
3	Amelanchier laevis 'Standing Ovation'	Standing Ovation Serviceberry	Multi-stem, Height-10' min.	B&B, HT. 20', W 10'
4	Cornus kousa	Kousa Dogwood	Multi-stem, Height -10' min.	B&B, HT. 20', W 20'
3	Syringa reticulata	lvory Silk Lilac	1 1/2" X 2 1/2" CAL.	B&B, HT. 20', W 15'
4	Amelanchier canadensis	Shadblow Serviceberry	Multi-Stem, Heigh -10' min.	B&B, HT.20', W 25'
	S M A 3 4 3 4	3 Amelanchier laevis 'Standing Ovation' 4 Cornus kousa 3 Syringa reticulata	Amelanchier laevis 'Standing Ovation' Standing Ovation Serviceberry Cornus kousa Kousa Dogwood Syringa reticulata Ivory Silk Lilac	Amelanchier laevis 'Standing Ovation' Standing Ovation Serviceberry Multi-stem, Height-10' min. Kousa Dogwood Multi-stem, Height-10' min. Syringa reticulata Ivory Silk Lilac 1 1/2" X 2 1/2" CAL.

		EVERGREEN TREES			
JS	14	Juniperus scopolarum 'Skyrocket'	Skyrocket Juniper	6-8' Tall	B&B, HT. 16', W 4'
PA	4	Picea abies 'Hillside upright'	Norway Spruce - Upright	6-8' Tall	B&B, HT. 20', W 8'
AC	9	Abies concolor	White Fir	6-8' Tall	B&B, HT. 60', W 20'
JV	10	Juniperus virginiana 'Emerald Sentinel'	Eastern Red Cedar	6-8' Tall	B&B, HT. 20', W 8'
CJbd	1	Cryptomeria Japonica 'Black Dragon'	Back Dragon Japanese cedar	6-8' Tall	B&B, HT. 20', W 8'
PN	3	Pinus nigra	Austrian Pine	6-8' Tall	B&B, HT. 20', W 8'
РО	4	Picea omorika	Siberian Spruce	6-8' Tall	B&B, HT. 20', W 8'
PNas	6	Pinus nigra 'Arnold's Sentinel'	Austrian Pine -arnold's Sentinel	6-8' Tall	B&B, HT. 30', W 15'
TJ	7	Juniperus chinensis 'Trautman'	Trautman Juniper	6-8' Tall	B&B, HT15', W 3'

AxG	12	Abelia x grandifolia	Glossy Abelia	24 - 36" Ta ll	B&B, HT. 5', W 5'
CA	10	Clethra alnifolia	Summersweet Clethra	24-36" Tall	B&B, HT. 4', W 3'
IGc	28	llex glabra compacta	Inkberry Holly - Compact	24-36" Tall	B&B, HT. 4', W 4'
SI	2	Salix integra 'Hakuro-nishiki'	Dappled Willow	24-36" Ta ll	B&B, HT. 4', W 4'
RPjm	16	Rhododendron RPJM	Rhodendron 'PJM'	24-36" Tall	B&B, HT. 4', W 4'
IxM	5	llex x meserveae	Blue Princess Holly	24-36" Tall	B&B, HT. 5', W 5'
SNbl	9	Sambucus nigra 'Eva' Black Lace	Black Elder	24-36" Tall	B&B, HT. 4', W 3'
RRr	7	Rosa radrazz	Knockout Rose	24-30" Tall	Cont. no.3 - 3'Tall, 3'Wide
HPb	13	Hydrangea paniculata 'Bokrathirteen'	Sweetsummer Panicle Hydrangea	24-36" Tall	B&B, HT. 5', W 5'
POd	78	Physocarpus opulifolius 'Diabolo'	Diablo Ninebark	24-36" Tall	B&B, HT. 4', W 4'
AA	5	Aronia arbutifolia	Red Chokeberry	24-36" Tall	B&B, HT. 8', W 4'
IV	26	llex verticilatta	Winterberry	24-36" Ta ll	B&B, HT. 8', W 4'
VC	14	Viburnum carlesii	Korean Spice Viburnum	36-48" Tall	B&B, HT. 5-7', W 6'

ВВ	4	Andropogon Gerardii	Big Blue Stem Andropogon	18 - 24" Ta ll	Cont. #3, HT. 4', W 6'
KF	6	Calamagrostis x acutiflora	Karl Foerster Reed Grass	18-24" Ta ll	Cont. no.3 - 3'Tall, 3'Wide
LM	29	Liriope muscari	Big Blue Lilyturf	12-16" Ta ll	Cont. no.3 - 3'Tall, 3'Wide
NxF	34	Nepeta x fraassenii	Nepeta - Walkers Low Catmint	6-12" Tall	Cont. no.3 - 18" Tall, 1-4'Wide
СН	5	Cotoneaster horizontalis	Rock Cotoneaster	18-24" Ta ll	B&B, HT.3', W 6'
RAgl	26	Rhus aromatica 'Gro-low'	Fragrant Sumac	18-24" Tall	Cont. #3, HT. 2-3, W 6'

1- See specifications for additional tree protection tree preservation plan for fence alignment. 2- If there is no existing irrigation, see Crown drip line or other limit of Tree Protection area. See specifications for watering requirements. 3- No pruning shall be performed except by approved arborist. 4- No equipment shall operate inside the protective fencing including during fence installation and removal. 5- See site preparation plan for any modifications with the Tree Protection Tree Protection fence: High density polyethylene fencing with 3.5" x 1.5" openings; Colororange. Steel posts installed at 8' o.c. - 2" x 6' steel posts or approved equal. KEEP OUT TREE PROTECTION grade with the tree protection fence unless otherwise indicated on the 8.5" x 11" laminated in SECTION VIEW plastic spaced every 50' TREE PROTECTION / SAFETY NETTING along the

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

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

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 BUT NOT

LIMITED TO, RETAINING WALLS WHICH PREVENT FILLING ON TOP OF ROOTS OR EXCAVATING TREE ROOTS AS PER ZONING ORDINANCE

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 "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

PLANS BY OTHERS FOR ALL LANDSCAPE REFERENCES.

7-2-3(B)(3).

PLANTING NOTES:

HARDWOOD BARK MULCH.

TREE PLANTING DETAIL.

FLOWER BEDS.

• —

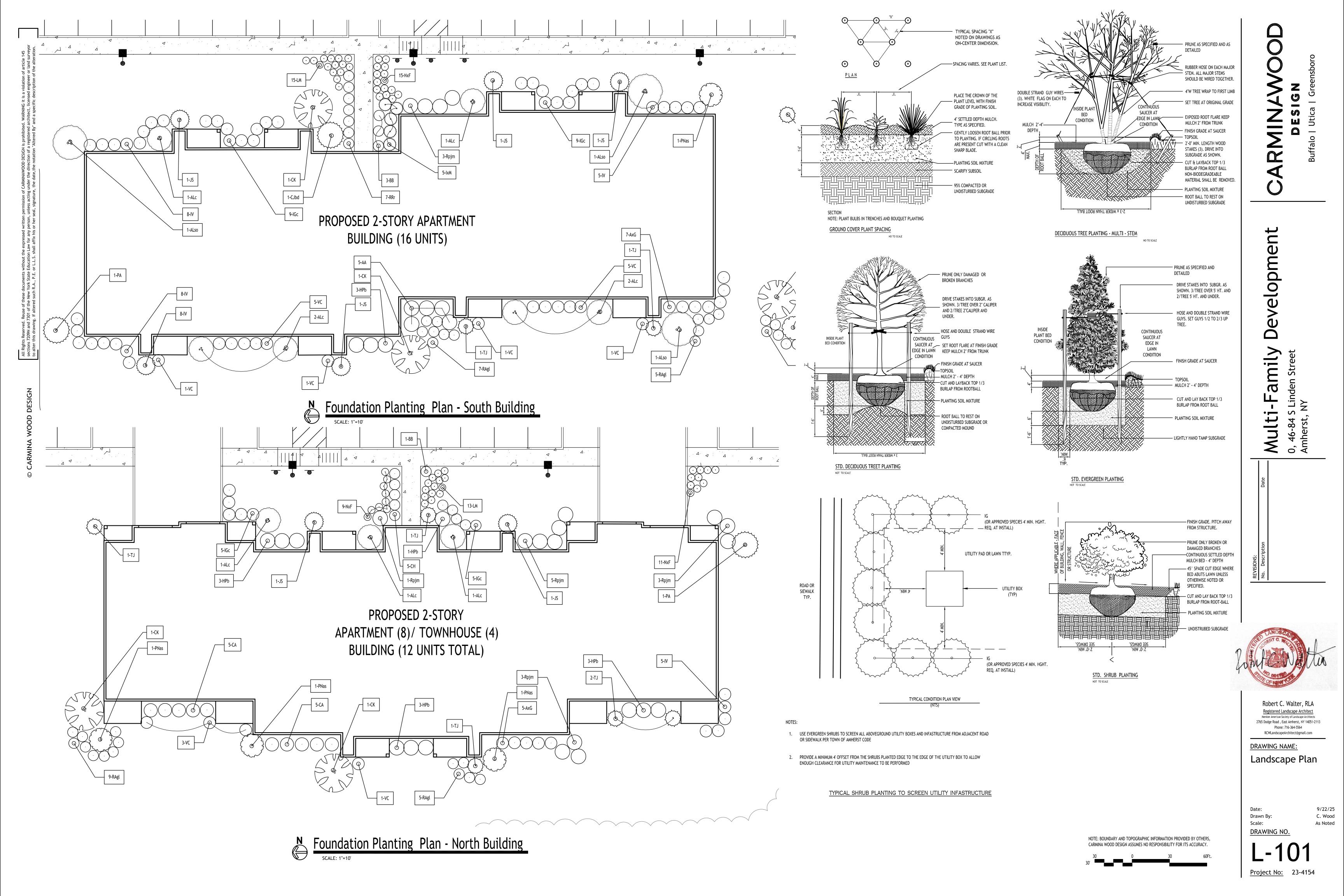
Robert C. Walter, RLA 2765 Dodge Road , East Amherst, NY 14051-2113 Phone: 716-364-5564 RCWLandscapeArchitect@gmail.com

DRAWING NAME:

Landscape Plan

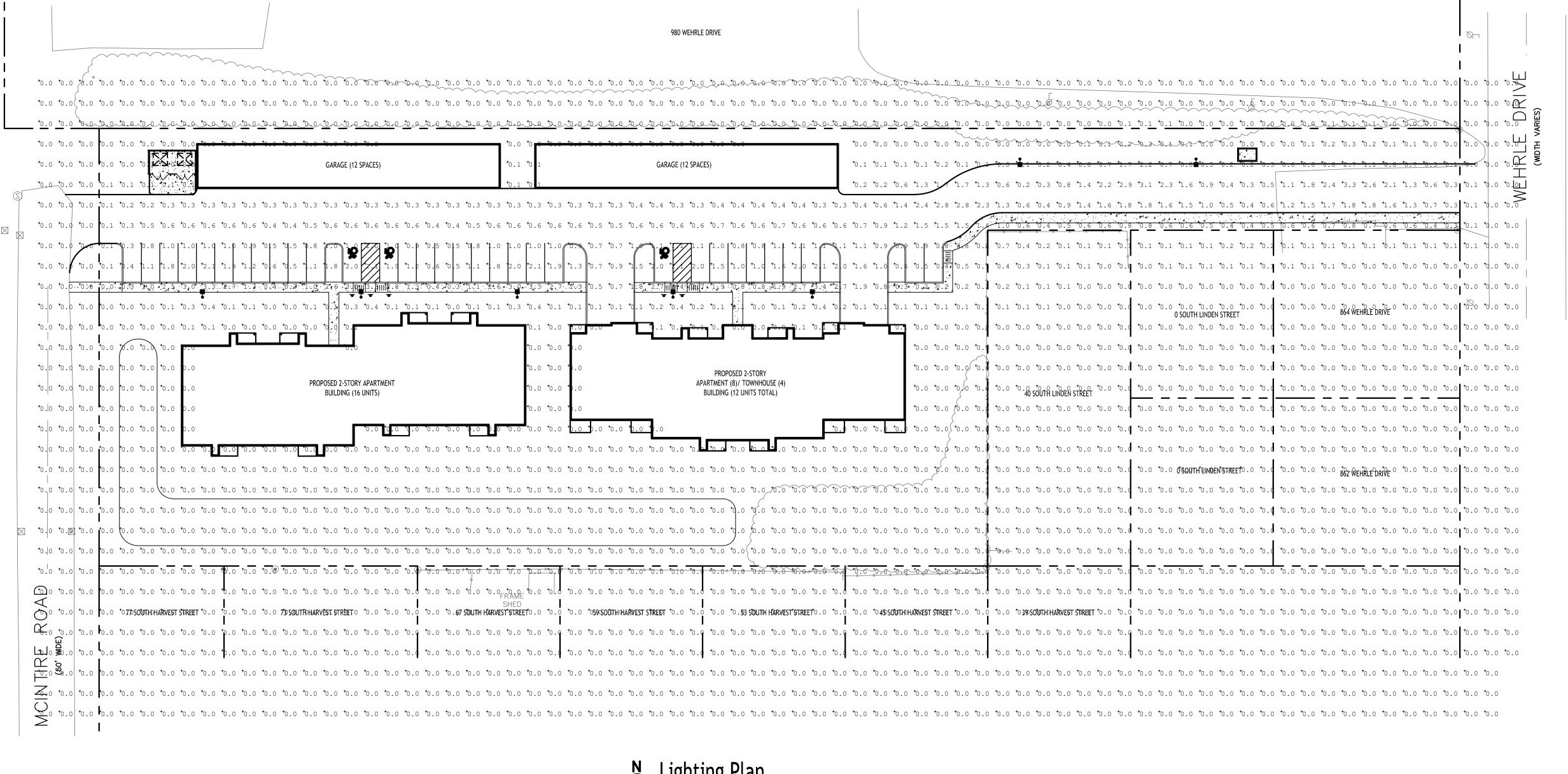
Drawn By: Scale: DRAWING NO.

9/22/25 C. Wood



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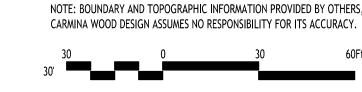




PS500052EN page 1 June 26, 2025 7:01 PM



Luminaire Schedule														
Symbol	Qty	Label	Arrar	ngement	Description		LLF	Luminaire	•	Luminaire	Total	Mounting	BUG Rating	
								Lumens		Watts	Watts	Height		
•=	6	SL1	Singl	e	GALN-SA1B-740-U-SL4-HSS		0.900	4736		44	264	15	B0-U0-G2	
•=	2	SL2	Singl	e	GALN-SA1B-740-U-SL3			0.900	5707		44	88	15	B1-U0-G2
Calculation Sumn	nary													
Label				СаІсТуре		Units	Avg	Мах	Min		Avg/Min	Max/Min		
Object_7_Planar Illuminance F			Fc	0.16	3.4	0.0		N.A.	N.A.					
PARKING LOT SU	IRFACE			Illuminance		Fc	0.97	3.3	0.2		4.85	16.50		





DRAWING NAME: Lighting Plan

Date: Drawn By: Scale: DRAWING NO.

9/22/25

C. Wood

As Noted

Project No: 23-4154