

PROJECT SCOPE / DESCRIPTION

THE PROJECT INCLUDES THE FOLLOWING:

- 1. REMOVE EXISTING ASPHALT PAVEMENT, CURBING, AND LAWN.
- 2. INSTALLATION NEW CONCRETE PAVEMENT, SALVAGED GRANITE CURB, PLANTING SOIL, PLANTINGS AND RETRACTABLE BOLLARDS.

ADD ALTERNATE NO 1: PERGOLA INSTALLATION

Installation of custom wood pergola and associated footings as specified in the Contract Drawings.

ADD ALTERNATE NO 2: WATER SERVICE

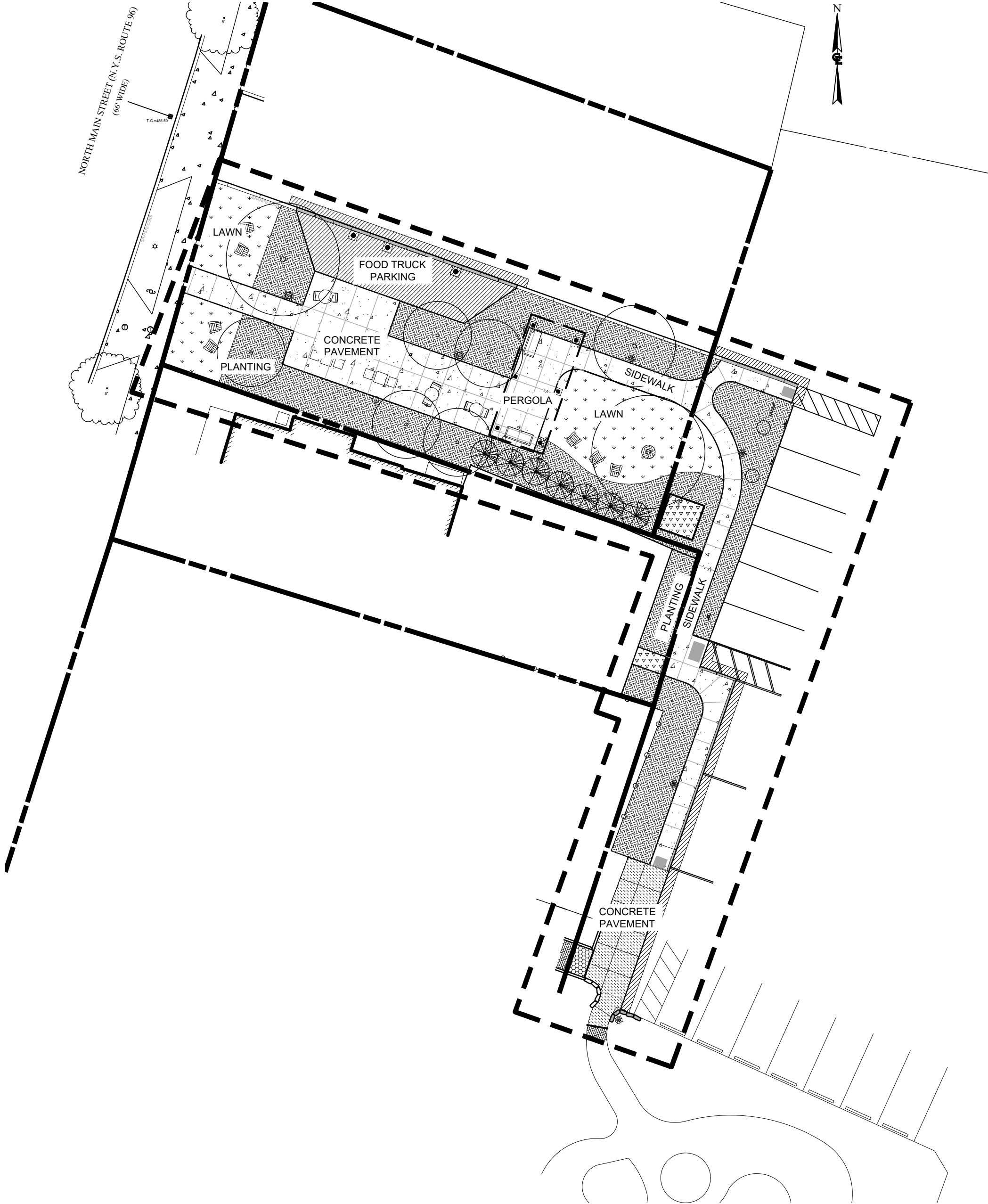
Installation of water service and yard hydrants as specified in the contract drawings (Contractor shall use existing tap).

ADD ALTERNATE NO 3: IRRIGATION

Installation of irrigation system for all new planting beds, system to be connected to water supply within Copper Beech Park.

WORK BY OTHERS:

- 1. **SITE PREPARATION / REMOVALS** - THE TOWN OF PITTSFORD WILL REMOVE THE EXISTING VEGETATION (TREES AND SHRUBS), BURIED CONCRETE HOUSE FOUNDATION AND EXISTING COPPER BEECH TREE. EXCLUDES SITE RESTORATION
- 2. **DISPOSAL** - THE TOWN OF PITTSFORD WILL ACCEPT ALL MATERIALS FOR DISPOSAL AT NO COST TO THE CONTRACTOR. MATERIALS WILL BE ACCEPTED AT THE TOWN OF PITTSFORD HIGHWAY DEPARTMENT LOCATED AT 60 GOLF AVENUE IN PITTSFORD (±0.75MILES FROM PROJECT SITE).
- 3. **PARKING AREA PAVEMENT MARKINGS** - THE TOWN OF PITTSFORD WILL INSTALL PARKING SIGNS AND APPLY PAVEMENT MARKINGS FOR STANDARD PARKING SPACES AND ACCESSIBLE PARKING SPACES.



PROJECT SUBMITTAL CHECKLIST

GENERAL:

- CONTRACTOR CONSTRUCTION SCHEDULE

CONCRETE FOUNDATIONS:

- LOCATION, FIELD VERIFICATION
- CONCRETE DESIGN MIX AND MATERIALS (FROM READY-MIX PROVIDER)
- REINFORCING MATERIALS PRODUCT

CONCRETE PAVEMENT:

- CONCRETE DESIGN MIX AND MATERIALS (FROM READY-MIX PROVIDER)
- SUBBASE STONE MATERIALS DATA AND SIEVE ANALYSIS
- REINFORCING MATERIALS PRODUCT
- EXPOSED AGGREGATE CHEMICAL RETARDER PRODUCT
- CONCRETE SEALER PRODUCT
- EXPANSION JOINT MATERIAL
- PHYSICAL MOCK-UP, APPROVAL BY OWNERS REP.
- CONTROL JOINT LAYOUT FIELD VERIFICATION
- SAWCUT DEPTH FIELD VERIFICATION

STONE CURBING

- CURB MATERIAL PRODUCT
- CURB BACKING CONCRETE MIX (DRY MIX & WET MIX)

UNIT PAVERS (RESET EXISTING)

- CONCRETE SAND SETTING BED MATERIALS

PROVIDE ALL MATERIALS FOR REVIEW PRIOR TO ACQUISITION, PURCHASE, AND/OR DELIVERY TO THE PROJECT SITE. SUBMITTALS WILL BE REJECTED IF THEY DO NOT MEET THE CONTRACT DOCUMENT SPECIFICATIONS.

PLANTINGS & SOIL MATERIALS

- PLANT SPECIES ACQUISITION LIST, INCLUDING PROPOSED SUBSTITUTIONS (NOTE: PLANT SUBSTITUTIONS WILL BE INVESTIGATED AND DETERMINED TO BE NOT AVAILABLE THROUGH GROWER NETWORKS BEFORE ANY SUBSTITUTIONS WILL BE APPROVED BY THE LANDSCAPE ARCHITECT. IF AVAILABLE THE SUBSTITUTION WILL NOT BE APPROVED.)
- RECENT (<6 MONTHS) TOPSOIL MATERIALS TEST DATA, USING MODIFIED MORGAN PROCESS, INCLUDING: TEXTURE, pH, NUTRIENT ANALYSIS, AND SOLUBLE SALTS.
- RECENT (<6 MONTHS) COMPOST ANALYSIS TESTING / MATERIALS DATA, INCLUDING SOURCE, pH, % ORGANIC MATER BY DRY WEIGHT.
- HARDWOOD DOUBLE-GROUND BARK MULCH MATERIALS
- TOPSOIL (IMPORTED / PLANTING SOIL (1 GAL MIN.)

LANDSCAPE BOULDERS:

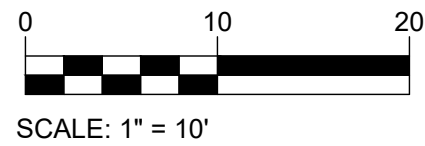
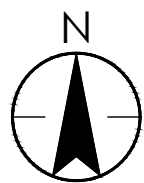
- STONE BOULDER SAMPLE (PHOTO)
- MATERIAL SOURCE INFORMATION
- LAYOUT FIELD VERIFICATION

SITE FURNISHINGS

- RETRACTABLE BOLLARD PRODUCT INFORMATION
- **ADD ALT NO 1:** PERGOLA PRODUCT INFORMATION AND ENGINEERED FABRICATION DRAWINGS.

LIGHTING & UTILITIES

- **ADD ALT NO 2:** IRRIGATION SYSTEM PRODUCT AND MATERIALS DATA AND IRRIGATION PLAN
- WATER SERVICE AND HARD HYDRANT PRODUCT INFORMATION.
- LIGHT FIXTURE PRODUCT AND LIGHTING SYSTEM ASSEMBLY PRODUCT INFORMATION. DUPLEX RECEPTACLE OUTLET PRODUCT INFORMATION.



Copper Beech Park Expansion

10 North Main Street
Pittsford, New York 14534

Prepared For:
Town of Pittsford
Department of Public Works
10 South Main Street
Pittsford, New York 14564

BID DOCUMENTS

Issued: 06-29-2023

Revisions:

DRAWING INDEX

L-00	Cover Sheet
L-01	Existing Conditions and Site Preparation Plan
L-02	Site and Materials Plan
L-03	Layout Plan
L-04	Grading and Drainage Plan
L-05	Planting Plan
L-06	Lighting and Utilities Plan
L-07	Construction Details
L-08	Construction Details
L-09	Construction Details

PREPARED BY

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- DEMOLITION AND SITE PREPARATION NOTES
1. ALL REMOVALS FROM THE PROJECT SITE MAY BE DISPOSED OF AT NO COST AT THE TOWN OF PITTSFORD HIGHWAY DEPARTMENT LOCATED AT 60 GOLF AVENUE, PITTSFORD, NEW YORK 14534 (±0.75 MILES FROM PROJECT SITE)

2. CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL AND STORMWATER MANAGEMENT DURING PROJECT CONSTRUCTION. DO NOT LEAVE EXPOSED SOIL PILES UNCOVERED FOR MORE THAN 24 HOURS OR WHEN PRECIPITATION EVENTS ARE ANTICIPATED. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING UP SOIL ERODED OUT OF THE WORK AREA AND ANY ASSOCIATED LAWN REPAIR.

3. THE CONTRACTOR'S MATERIAL STAGING AND STORAGE AREA IS TO BE LOCATED WITHIN THE CONSTRUCTION AREA LIMITS OR IN AN AREA APPROVED BY THE OWNER.

4. THE CONTRACTOR SHALL CAREFULLY INSPECT THE EXISTING CONDITIONS AT THE SITE AND FIELD VERIFY THE PRECISE LOCATION AND QUANTITY OF ALL ITEMS THAT MUST BE REMOVED IN ORDER TO CONSTRUCT THIS PROJECT.

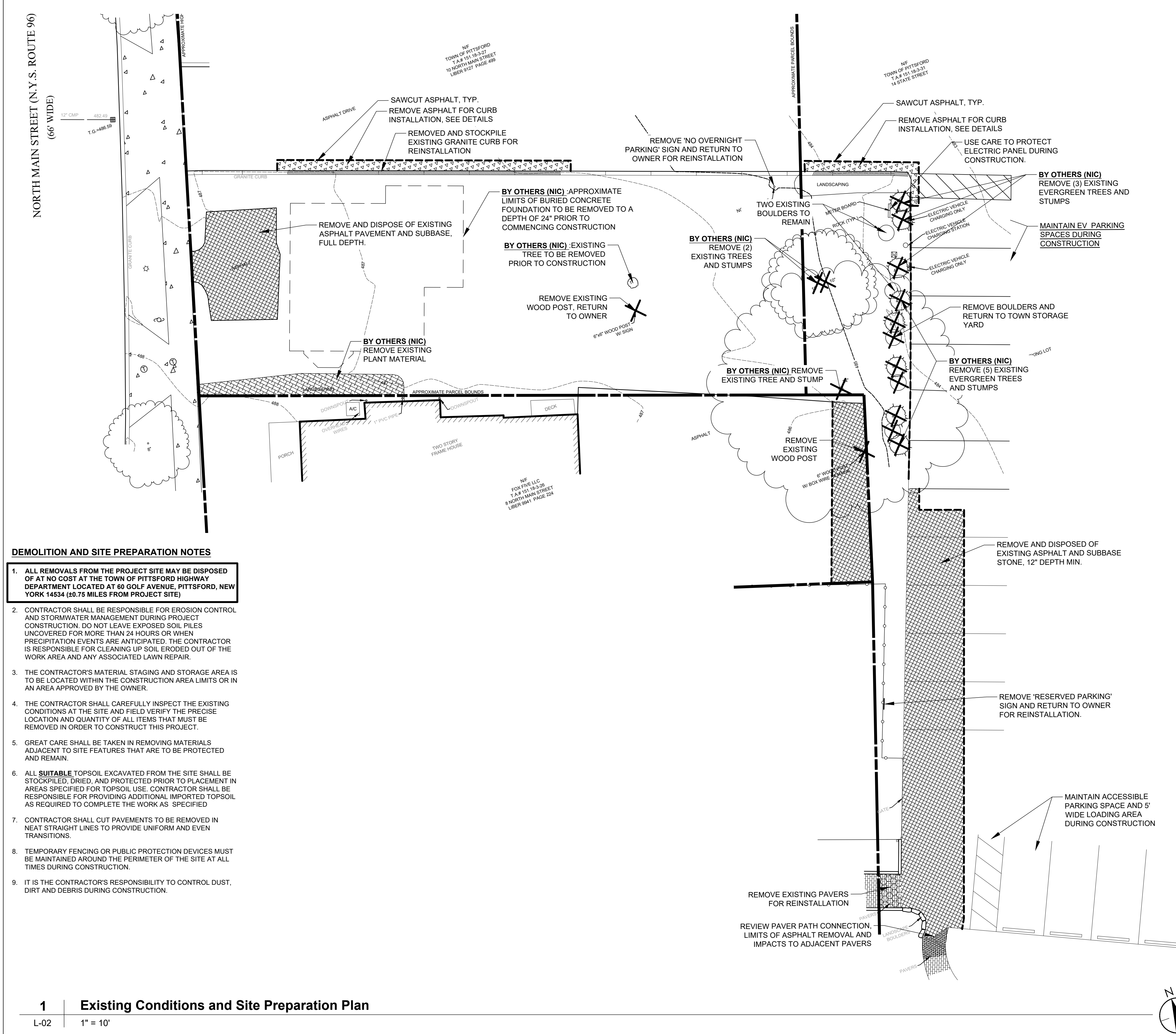
5. GREAT CARE SHALL BE TAKEN IN REMOVING MATERIALS ADJACENT TO SITE FEATURES THAT ARE TO BE PROTECTED AND REMAIN.

6. ALL **SUITABLE** TOPSOIL EXCAVATED FROM THE SITE SHALL BE STOCKPILED, DRIED, AND PROTECTED PRIOR TO PLACEMENT IN AREAS SPECIFIED FOR TOPSOIL USE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL IMPORTED TOPSOIL AS REQUIRED TO COMPLETE THE WORK AS SPECIFIED

7. CONTRACTOR SHALL CUT PAVEMENTS TO BE REMOVED IN NEAT STRAIGHT LINES TO PROVIDE UNIFORM AND EVEN TRANSITIONS.

8. TEMPORARY FENCING OR PUBLIC PROTECTION DEVICES MUST BE MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING CONSTRUCTION.

9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT AND DEBRIS DURING CONSTRUCTION.



DEMOLITION LEGEND

REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT AND SUBBASE, FULL DEPTH.

REMOVE ASPHALT PAVEMENT AND PREPARE FOR CURB INSTALLATION, SEE DETAILS L-07

REMOVED AND STOCKPILE EXISTING GRANITE CURB FOR REINSTALLATION

BY OTHERS (NIC)
REMOVE EXISTING PLANT MATERIAL

SAWCUT EXISTING ASPHALT PAVEMENT

REMOVE AND STOCKPILE PAVERS FOR REUSE.

REMOVE AND PAVERS AND RETURN TO OWNER

- GENERAL NOTES
1. EXISTING CONDITIONS SHOWN ON THIS PLAN WERE TAKEN FROM A SURVEY PREPARED BY COSTICH ENGINEERING ON 7/19/2021. SUE STEELE LANDSCAPE ARCHITECTURE, PLLC ASSUMES NO RESPONSIBILITY FOR, AND MAKES NO WARRANTY AS TO, THE COMPLETENESS AND ACCURACY OF THE EXISTING CONDITIONS SURVEY INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING SUBSURFACE UTILITIES AND FEATURES.

2. TOPOGRAPHY SHOWN FROM A FIELD SURVEY BY COSTICH ENGINEERING ON 7/19/2021 HORIZONTAL AND VERTICAL DATA OBTAINED THROUGH NYS DOT CORRS NETWORK REFERENCED TO THE FOLLOWING MONUMENT:

PITTSFORD CORRS STATION
NAD 83 (CORRS) LATITUDE: 43-05-35.48461 (N) / LONGITUDE: 077-31-31.11244 (W)
NAVD 88 (CORRS) ELLIP HEIGHT: 113.481 METERS

3. CALL DIGSAFE TO LOCATE EXISTING UTILITIES PRIOR TO ANY EXCAVATION. PROTECT EXISTING UTILITIES TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS AND REPAIR ANY DAMAGE DONE TO THESE AT NO COST TO THE OWNER.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY RUNS AND ARRANGING FOR UTILITY AGENCY SUPERVISION, IF NECESSARY, PRIOR TO PERFORMING THE DEMOLITION WORK. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING NEAR EXISTING UTILITIES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PAVEMENT, STEPS, PLANTINGS, UTILITIES AND ANY OTHER EXISTING SITE FEATURES PROPOSED TO REMAIN, AS CAUSED BY CONSTRUCTION OR OTHER RELATED OPERATIONS. ALL SUCH DAMAGE SHALL BE REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE.

6. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING TREES, SHRUBS, AND VEGETATION WITHIN AND ADJACENT TO THE PROJECT SITE EXCEPT FOR THOSE SPECIFICALLY IDENTIFIED ON THE PLANS AND ARE APPROVED FOR REMOVAL.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN A SAFE AND ORDERLY CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.

8. EMERGENCY ACCESS TO THE SITE SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION.

9. THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

- MAINTENANCE & PROTECTION OF TRAFFIC NOTES
1. THE CONTRACTOR SHALL MAINTAIN, AT ALL TIMES, AT LEAST ONE MARKED, CONVENIENT, SAFE, ACCESSIBLE PEDESTRIAN ROUTE ALONG NORTH MAIN STREET.

2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING STREETS, DRIVEWAYS AND BUSINESSES.

3. THE CONTRACTOR SHALL FURNISH AND ERECT, MAINTAIN, MOVE AND REMOVE AS REQUIRED AND AS DIRECTED BY THE OWNER, CONSTRUCTION SIGNS, FLAGGERS AND TRAFFIC CONTROL DEVICES TO ADEQUATELY AND SAFELY ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION FOR THE DURATION OF THE CONTRACT.

4. ALL SIGNS AND TRAFFIC CONTROL MEASURES DURING CONSTRUCTION AND MAINTENANCE ACTIVITIES SHALL BE CONSTRUCTED AND INSTALLED PER THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) WITH NEW YORK STATE SUPPLEMENT.

5. THE CONTRACTOR SHALL USE CONES, BARRELS, BARRICADES AND PROTECTIVE FENCING AS NECESSARY AND AS ORDERED BY THE OWNER TO PROTECT AND MAINTAIN BOTH PEDESTRIAN AND TRAFFIC FLOW WITHIN THE PROJECT AREA.

6. VEHICLES BELONGING TO THE CONTRACTOR OR THEIR EMPLOYEES SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS ALONG A ROADWAY BEING USED BY THE GENERAL PUBLIC WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOT PARK EQUIPMENT OVER NIGHT WHERE IT IS DEEMED A SAFETY HAZARD TO TRAFFIC.

7. "SIDEWALK CLOSED" SIGNS SHALL BE PLACED WHEN A USABLE TRAVEL PATH IS CLOSED TO PEDESTRIAN TRAFFIC. ADDITIONAL SIGNS SHALL BE PLACED TO DIRECT PEDESTRIANS TO AN ALTERNATE ACCESSIBLE ROUTE.

WARNING
IT IS VIOLATION OF THE LAW (NEW YORK STATE EDUCATION LAW TITLE 8, ARTICLE 148 AND SUBPART 79-1 OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION) FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LANDSCAPE ARCHITECT TO ALTER ANY ITEM ON A PLAN, SPECIFICATION, OR REPORT TO WHICH THE SEAL OF THE LANDSCAPE ARCHITECT HAS BEEN APPLIED. IF AN ITEM BEARING THE SEAL OF THE LANDSCAPE ARCHITECT IS ALTERED, THE ALTERING LANDSCAPE ARCHITECT SHALL AFFIX TO THIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWING BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Project Name and Address
Copper Beech Park Expansion
10 North Main Street
Pittsford, New York 14560

**BID DOCUMENTS
NOT FOR
CONSTRUCTION**

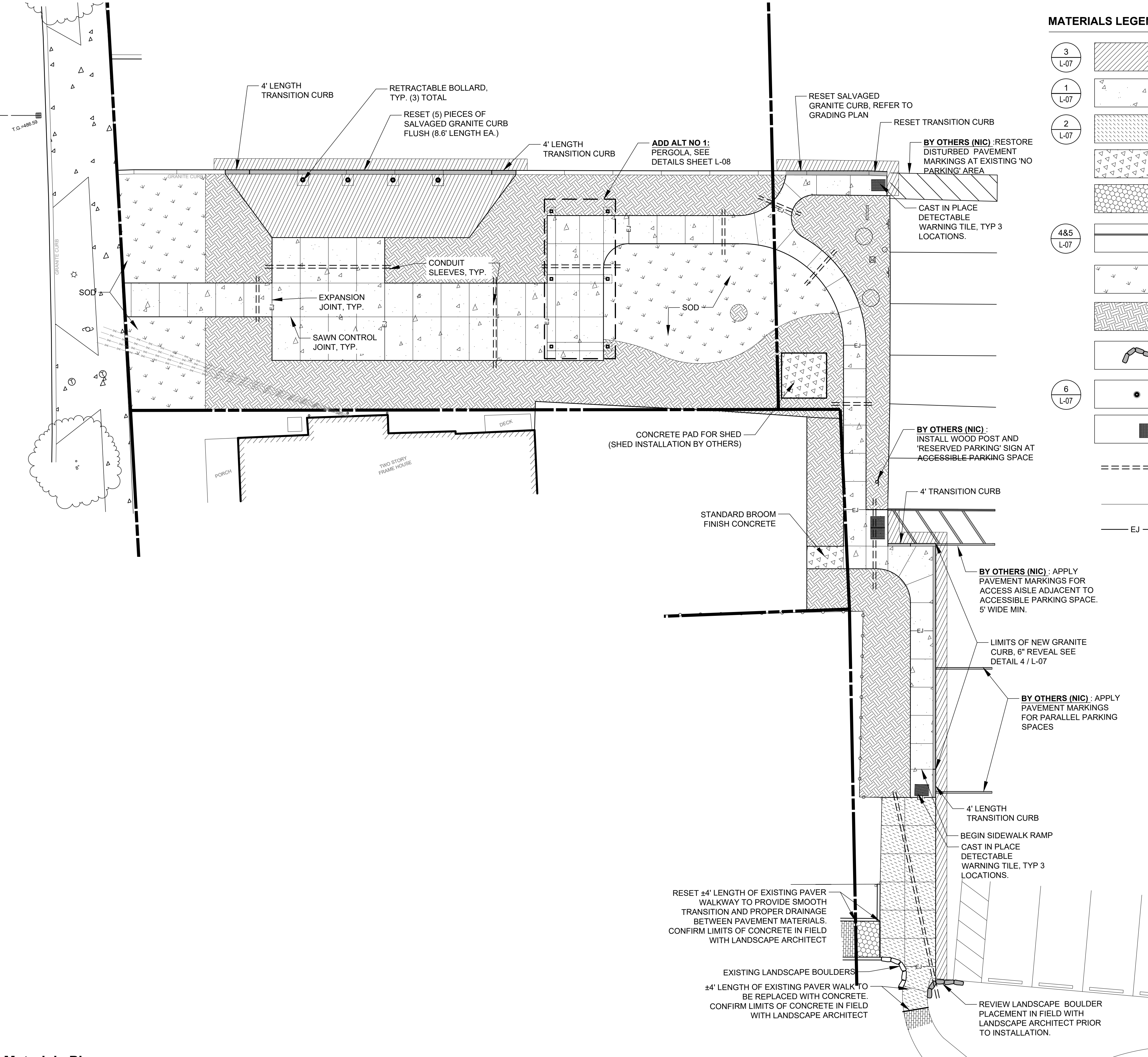
Issue Date:
06 -29 - 2023

No.	Date	Revision
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Drawing Title
Existing Conditions and Site Preparation Plan

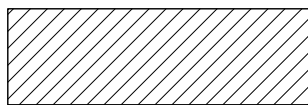
L-01

NORTH MAIN STREET (N.Y.S. ROUTE 96)
(66' WIDE)



MATERIALS LEGEND

3
L-07



HOT MIX ASPHALT
(HMA) PAVING

MATERIAL SELECTION / SPEC.

SEE DETAILS

1
L-07



PEDESTRIAN GRADE
CONCRETE PAVEMENT WITH
EXPOSED AGGREGATE FINISH

5" THICK, EXPOSED AGGREGATE FINISH
CONCRETE

2
L-07



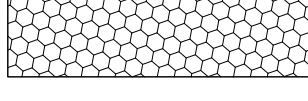
VEHICULAR GRADE
CONCRETE PAVEMENT WITH
EXPOSED AGGREGATE
FINISH

7" THICK, EXPOSED AGGREGATE FINISH
CONCRETE



STANDARD CONCRETE,
BROOM FINISH

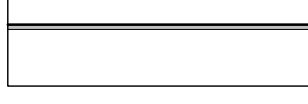
5" THICK, STANDARD CONCRETE WITH
BROOM FINISH



RESET EXISTING
CONCRETE PAVERS

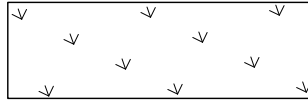
EXISTING CONCRETE PAVERS, 1" MAX
CONCRETE SAND SEETING BED, SUPPLEMENT
EXISTING STONE SUBBASE AS NEEDED

4&5
L-07



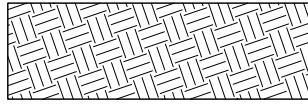
GRANITE CURB

SEE DETAILS FOR FLUSH AND 6" REVEAL
CURBING



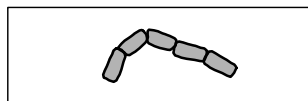
SOD / SEED

SEE LAWN ESTABLISHMENT NOTES, L-05



PLANTING BED

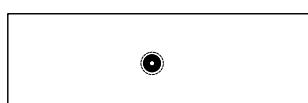
SEE PLANTING BED PREPARATION
NOTES, L-05



LANDSCAPE BOULDERS

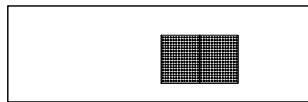
NATURAL STONE BOULDERS TO MATCH
EXISTING, EMBER 6" MIN BELOW FINISHED
PAVEMENT ELEVATION

6
L-07



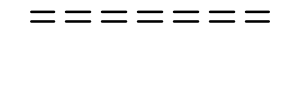
RETRACTABLE BOLLARD

SEE DETAILS



CAST IN PLACE DETECTABLE
WARNING MATS

24" X 30" CAST IN PLACE CAST IRON DETECTABLE
WARNING MAT, AS MANUF. BY ADVANTAGE
TACTILE SYSTEMS (advantagetactile.com), OR
APPROVED EQUAL.



CONDUIT SLEEVES

TWO 2" DIA SCHEDULE 40 PVC CONDUIT
SLEEVES IN EACH LOCATION, MARK
INSTALLED LOCATION AND CAP END



CONTROL JOINT

SAWN CONTROL JOINTS AS SHOWN,
MAX SPACING 5'



EXPANSION JOINT

EXPANSION JOINTS AS SHOWN, SEE
DETAIL L-07

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steelleja

WARNING
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EDUCATION LAW TITLE 8, ARTICLE 148 AND
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OF A LICENSED LANDSCAPE ARCHITECT TO
ALTER ANY ITEM ON A PLAN, SPECIFICATION, OR
REPORT TO WHICH THE SEAL OF THE
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AN ITEM BEARING THE SEAL OF THE LANDSCAPE
ARCHITECT IS ALTERED, THE ALTERING
LANDSCAPE ARCHITECT SHALL AFFIX TO THIS
ITEM THE SEAL AND THE NOTATION 'ALTERED BY'
FOLLOWING BY HIS SIGNATURE AND THE DATE
OF SUCH ALTERATION, AND A SPECIFIC
DESCRIPTION OF THE ALTERATION.

Project Name and Address

Copper Beech
Park Expansion

10 North Main Street
Pittsford, New York 14560

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Issue Date

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No. Date Revision

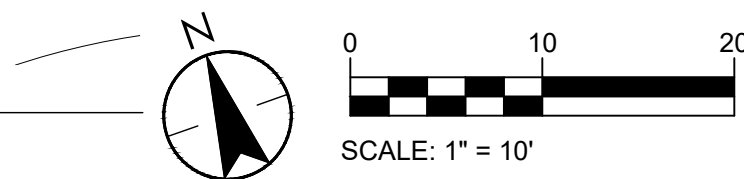
Drawing Title

Site and Materials
Plan

L-02

1 Materials Plan

L-03 1" = 10'



Project Name and Address

10 North Main Street
Pittsford, New York 14560

Issue Date
06 -29 - 2023

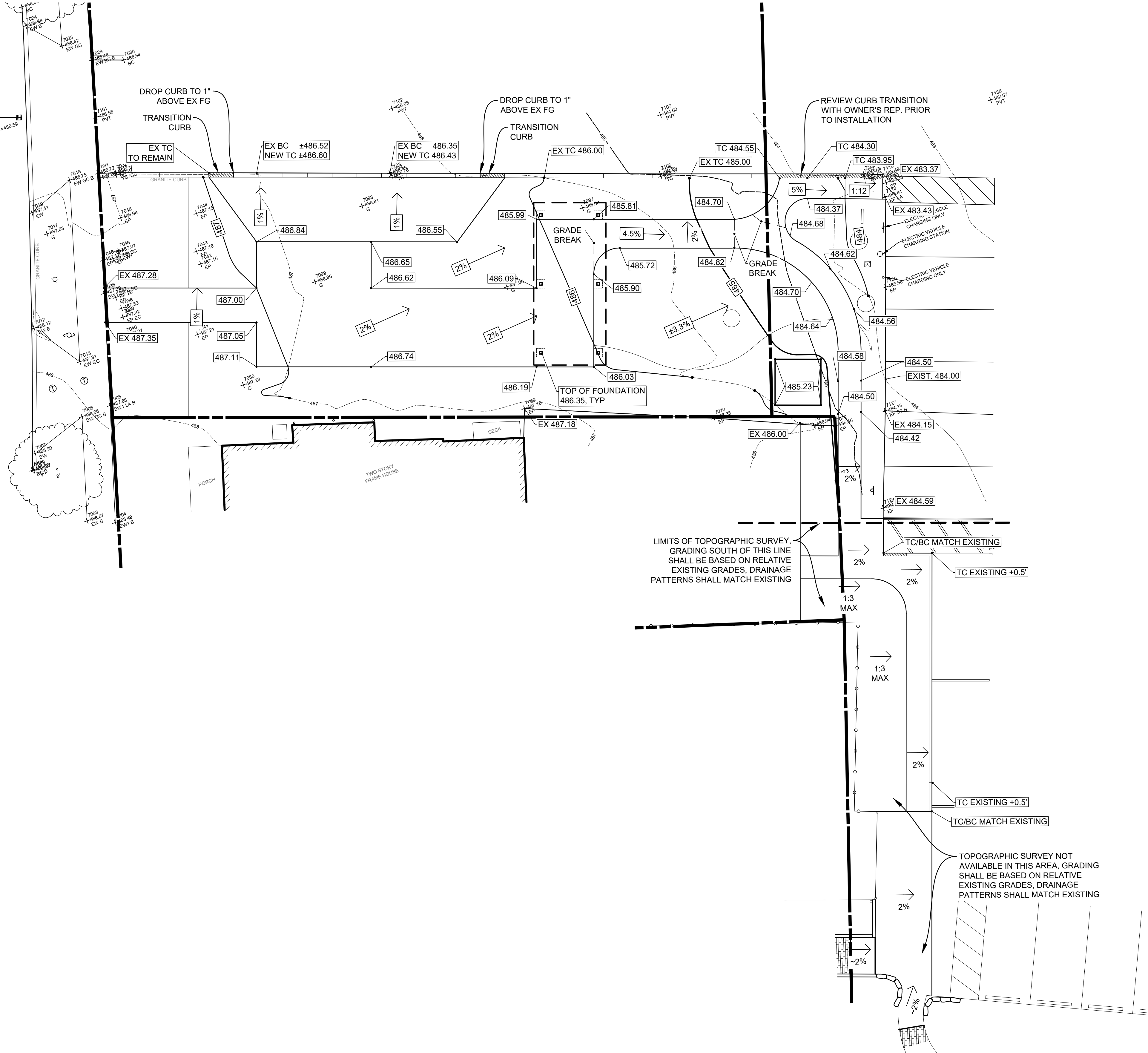
No.	Date	Revisor
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L-03

1. CONTRACTOR SHALL ADHERE TO WRITTEN DIMENSIONS ON ALL PLANS AND SHALL NOTIFY THE LANDSCAPE ARCHITECT IF THE WRITTEN DIMENSIONS CONFLICT WITH THE FIELD CONDITIONS.
2. CONTRACTOR SHALL FIELD VERIFY ALL LAYOUT DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR RESOLUTION.
3. THE CONTRACTOR SHALL REFER ANY QUESTIONS REGARDING MATERIALS, FINISHES, LABOR, AND/OR PRODUCTS NOT SPECIFIED HEREIN TO THE LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS OR STARTING WORK.
4. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE SHOWN.
5. ALL MEASUREMENTS AT CURBING ARE TAKEN FROM FACE OF CURB UNLESS OTHERWISE NOTED.
6. FIELD MEASUREMENTS: TAKE ACCURATE FIELD MEASUREMENTS BEFORE PREPARATION OF SHOP DRAWINGS AND FABRICATION.



NORTH MAIN STREET (N.Y.S. ROUTE 96)
(66' WIDE)



GRADING LEGEND

- 900 ----- EXISTING MAJOR CONTOUR
----- 901 ----- EXISTING MINOR CONTOUR
----- 900 ----- PROPOSED MAJOR CONTOUR
----- 901 ----- PROPOSED MINOR CONTOUR
XXX.XX SPOT ELEVATION
TC XXX.XX TOP OF CURB ELEVATION
BC XXX.XX BOTTOM OF CURB ELEVATION
EX XXX.XX EXISTING SPOT ELEVATION
X% SLOPE

GRADING NOTES

- ANY DISCREPANCIES IN PROPOSED ELEVATIONS NOTED BY THE CONTRACTOR DURING CONSTRUCTION PROCESS SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY UNEXPECTED SUBSURFACE CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE DRAINAGE IN ALL AREAS. ALL NEWLY GRADED SURFACES SHALL BE FINISHED TO UNIFORM GRADES AND SLOPED IN SUCH A MANNER AS TO DRAIN PROPERLY AND BE FREE OF DEPRESSIONS THAT CAUSE AREAS OF STANDING WATER. THE CONTRACTOR SHALL REPORT ANY CONFLICTS WITH THIS REQUIREMENT TO THE LANDSCAPE ARCHITECT FOR RESOLUTION PRIOR TO FINAL GRADING OPERATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL CUT AND FILL OPERATIONS AND MATERIALS NECESSARY TO ACHIEVE THE ELEVATIONS SPECIFIED ON THIS PLAN, INCLUDING THE OFF SITE DISPOSAL OF ANY EXCESS MATERIALS IN A LEGAL MANNER.
- ALL FILL AND BACKFILL MATERIALS MUST BE THOROUGHLY COMPACTED AS THEY ARE PLACED.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DISTURBANCE OF, OR DAMAGE TO, EXISTING PLANTS AND SITE FEATURES TO REMAIN.

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Copper Beech
Park Expansion

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Pittsford, New York 14560

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Drawing Title

Grading and
Drainage Plan



1 Grading and Drainage Plan

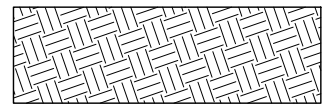
L-05 1" = 10'

L-04

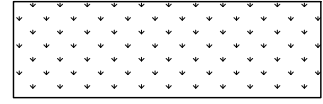
NORTH MAIN STREET (N.Y.S. ROUTE 96)
(66' WIDE)

12" CMP
T.O. =486.59

PLANTING LEGEND

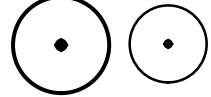


PLANTING SOIL MEDIA AREA,
DEPTH PER BED DETAIL



TURF SOD, LAWN
RESTORATION AREA; SEE
TURF ESTABLISHMENT NOTES

2-4
L-04



TREE, SHRUB, OR PERENNIAL
PLANTING, PER DETAIL

PLANTING NOTES

- CONTRACTOR SHALL VERIFY ACTUAL GRADE ELEVATIONS, SERVICE AND UTILITY LOCATIONS, AND DIMENSIONS OF PLANTINGS AND CONSTRUCTION CONTIGUOUS WITH NEW PLANTINGS BY FIELD MEASUREMENTS BEFORE PROCEEDING WITH PLANTING WORK.
- ALL PLANTING BEDS SHALL BE PREPARED TO A DEPTH OF 18" AS FOLLOWS:
 - 12" DEPTH SHALL BE PREPARED PLANTING SOIL MEDIUM (SEE NOTE 4)
 - SUBSOIL SHALL BE SCARIFIED TO A DEPTH OF 6" BENEATH PLANTING MEDIUM.
- TOPSOIL AND ORGANIC MATERIAL SOURCES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE. SEE SUBMITTAL CHECKLIST.
- PLANTING SOIL MEDIUM** SHALL BE FOUR PARTS TOPSOIL (80%) AND ONE PART COMPOST (20%), BLENDED THOROUGHLY. THE RATIO OF TOPSOIL TO COMPOST IS SUBJECT TO CHANGE BASED ON THE TESTING RESULTS FOR THE TOPSOIL.
- TOPSOIL: PROVIDE 1 GALLON SAMPLE.** ALL IMPORTED OR STOCKPILED EXISTING SOIL MATERIAL SHALL BE:
 - USDA LOAM, SANDY CLAY LOAM, OR SANDY LOAM, WITH CLAY CONTENT BETWEEN 15 AND 25%, AND A COMBINED CLAY/SILT CONTENT OF NO MORE THAN 55%.
 - pH VALUE SHALL BE BETWEEN 5.5 AND 7.0
 - PERCENT ORGANIC MATTER OF 2.0% TO 5.0% BY DRY WEIGHT.
 - SOLUBLE SALT LEVEL LESS THAN 2 mmho/cm.
 - HARVESTED FROM FIELDS OR DEVELOPMENT SITES WITH A PARTICLE SIZE DISTRIBUTION OF NATURAL FORMATION, MANUFACTURED SOILS WHERE COARSE SAND, COMPOSTED ORGANIC MATTER, OR CHEMICAL ADDITIVES ARE ADDED TO THE SOIL TO MEET THE SPECIFICATION SHALL NOT BE ACCEPTABLE.
 - EXISTING ON SITE SOILS TO BE RE-USED MUST NOT BE ALTERED, COMPACTED BEYOND ACCEPTABLE LIMITS, CONTAMINATED WITH DEBRIS DURING PRIOR CONSTRUCTION PROCESSES, AND CONSIDERED ACCEPTABLE "O" AND "A" HORIZON SOILS (E.G. "TOPSOIL"). SUBSOIL (E, B, AND C HORIZON SOILS) ARE NOT ACCEPTABLE AS SOIL MATERIAL.
- COMPOST: PROVIDE 1 GALLON SAMPLE.** ALL COMPOST USED WITHIN BED PREPARATION MUST BE:
 - AGED AT LEAST 9 MONTHS AT TEMPERATURES SUFFICIENT TO BREAK DOWN ALL WOODY FIBRES, SEEDS, AND LEAF STRUCTURES.
 - FREE OF TOXIC MATERIALS AT LEVELS THAT ARE HARMFUL TO PLANTS OR HUMANS.
 - DERIVED FROM WOOD AND OTHER PLANT BASED MATERIALS, BLENDED WITH MANURE BASED MATERIALS DESIGNED TO PRODUCE COMPOST HIGH IN FUNGAL MATERIAL.
 - HAVE A pH BETWEEN 5.5 AND 8.0.
 - MAXIMUM SOLUBLE SALT OF 5 ds/m.
 - MOISTURE CONTENT OF 30% TO 60%, WET WEIGHT BASIS.
 - PARTICLE SIZE, DRY WEIGHT BASIS, WITH 98% PASSING THROUGH 3/4-INCH SIEVE.
 - MEET OR EXCEED US EPA CLASS A STANDARDS FOR CHEMICAL AND BIOLOGICAL CONTAMINANTS.
- SOIL COMPACTION:** ALL PREPARED PLANTING BEDS SHALL HAVE ACCEPTABLE COMPACTION LEVELS FOR PLANT GROWTH AS MEASURED IN THE FIELD USING PENETRATION RESISTANCE METHOD.
 - 1.1. ACCEPTABLE COMPACTION OF FULL DEPTHS OF PLANTING AREAS SHALL BE BETWEEN 75 AND 250 PSI.
 - 1.2. LIMITED AREAS OF ~300 PSI COMPACTION ARE ACCEPTABLE WHERE OBSERVABLE ROOT ZONES INTERFERE WITH NEW BED PREPARATION. AREAS ABOVE 400 PSI ARE UNACCEPTABLE AND SHALL BE REMEDIATED TO ACCEPTABLE LEVELS.
 - 1.3.
- CONTRACTOR SHALL LAY OUT INDIVIDUAL TREE AND SHRUB LOCATIONS AND PLANTING AREAS. ALL PLANT LOCATIONS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE EXCAVATING OR PLANTING. CONTRACTOR SHALL ADJUST THE PLANT LOCATIONS IF DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT.
- ALL PLANTS MUST MEET OR EXCEED THE STANDARDS OUTLINED IN THE CURRENT EDITION OF ANSI Z60.1, THE AMERICAN STANDARD FOR NURSERY STOCK.
- ALL PLANTS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
- PROTECT PLANTS FROM DAMAGE DUE TO TRANSPORTATION, LANDSCAPE OPERATIONS AND OPERATIONS OF OTHER CONTRACTORS AND TRADES. MAINTAIN PROTECTION DURING INSTALLATION PERIODS. TREAT, REPAIR, OR REPLACE DAMAGED PLANTINGS.
- ALL PLANTING BEDS SHALL RECEIVE 3" NATURAL DOUBLE GROUND SHREDDED HARDWOOD BARK MULCH.
- ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER. IN THE EVENT OF PLANT FAILURE THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING PLANT MATERIAL WITHIN WARRANTY PERIOD AT NO COST TO OWNER.

LAWN ESTABLISHMENT NOTES

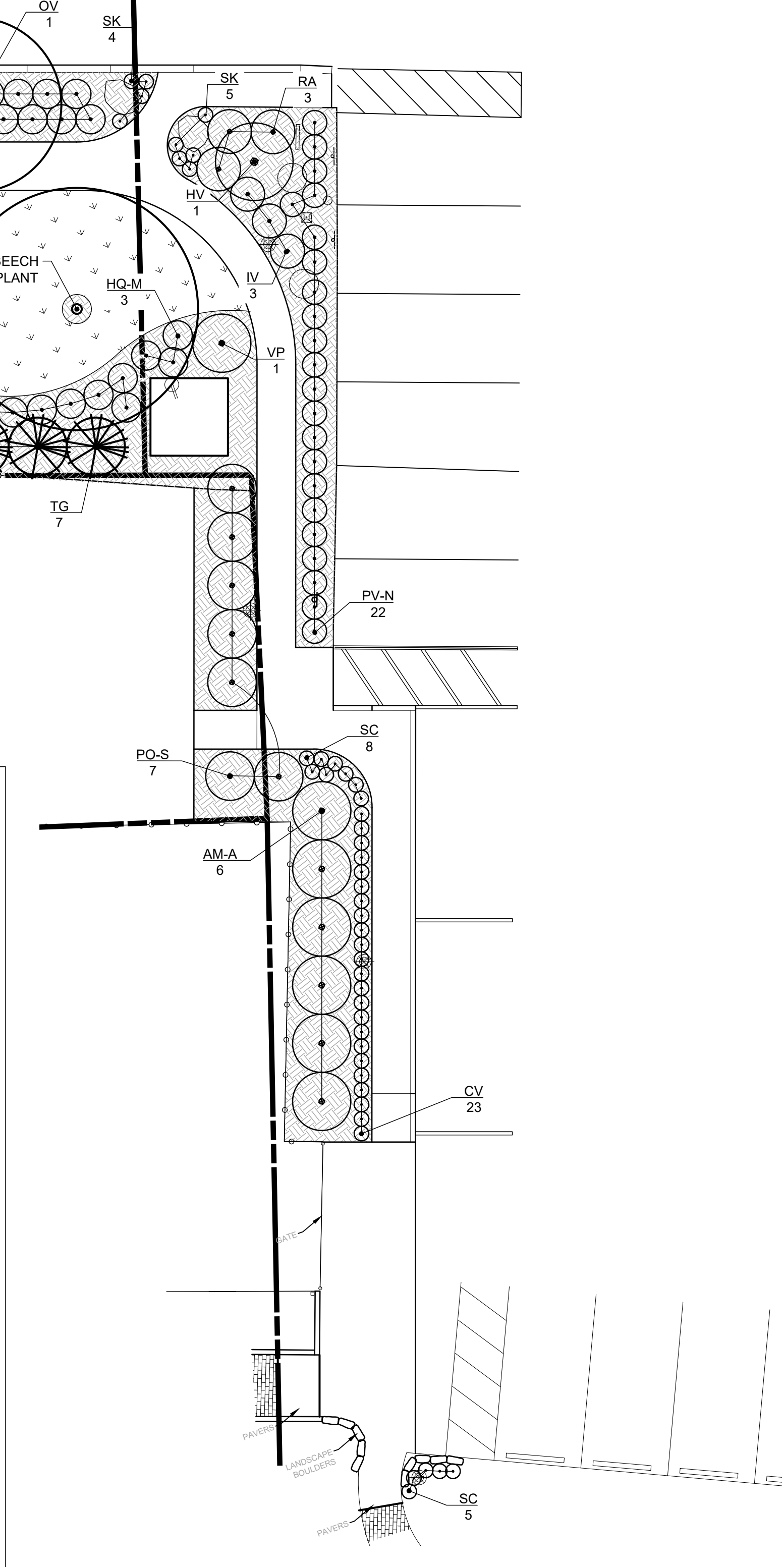
- ALL AREAS DISTURBED BY THIS PROJECT THAT DO NOT RECEIVE PLANTING OR OTHER CONSTRUCTED FEATURES SHALL RECEIVE MINIMUM 4" TOPSOIL AND SOD.
- APPLY FERTILIZER AS NECESSARY TO PRODUCE ACCEPTABLE UNIFORM VIABLE TURF.
- TO MINIMIZE WATERING DURING ESTABLISHMENT IT IS RECOMMENDED THAT THE SOD BE APPLIED BETWEEN APRIL 15 TO JUNE 15, OR AUGUST 15 TO OCTOBER 1.
- MAINTAIN SOD DURING INITIAL ESTABLISHMENT PERIOD UNTIL A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED.

1 Planting Plan

L-06 1" = 10'

PLANT SCHEDULE

Key	QTY	Botanic Name	Common Name	Root / Cont.	Size	Spacing
TREES						
CP	1	Carpinus caroliniana 'Native Flame' JFS-KW6	Native Flame American Hornbeam	B&B	3"	As Shown
CF	1	Cornus florida 'Appalachian Spring'	Flowering Dogwood (White)	B&B	3"	As Shown
GB	4	Ginkgo biloba 'Princeton Sentry'	Maidenhair Tree	B&B	9-10' Ht.	As Shown
OV	1	Ostrya virginiana 'JFS-KW5'	Autumn Treasure® Hophornbeam	B&B	3"	As Shown
TG	7	Thuja 'Green Giant'	Green Giant Arborvitae	B&B	8-9' Ht.	As Shown
SHRUBS & WOODY PLANTS						
AM-A	6	Aronia melanocarpa 'Autumn Magic'	Autumn Magic Black Chokeberry	Cont.	#5	4' O.C.
CS	9	Cornus sanguinea 'Cato' (Arctic Sun)	Arctic Sun Bloodtwig Dogwood	Cont.	#3	3.5' O.C.
HV	1	Hamamelis virginiana	Common Witch Hazel	B&B	6 FT.	As Shown
HQ-A	6	Hydrangea quercifolia 'Alice'	Alice Oakleaf Hydrangea	Cont.	#10	As Shown
HQ-M	3	Hydrangea quercifolia 'Munchkin'	Munchkin Oakleaf Hydrangea	Cont.	#4	3' O.C.
IG	12	Ilex glabra 'Shamrock'	Inkberry	Cont.	#5	3' O.C.
IV	12	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	Cont.	#5	4' O.C.
PO-S	7	Physocarpus opulifolius 'Seward' (Summer Wine)	Summer Wine Ninebark	Cont.	#7	As Shown
RA	13	Rhus aromatica 'Gro Low'	Gro-Low Fragrant Sumac	Cont.	#3	4' O.C.
VP	1	Viburnum plicatum f. plicatum 'Popcorn'	Japanese snowball Viburnum	Cont.	#3	3' O.C.
HERBACEOUS / PERENNIALS & GRASSES						
AC	19	Anemone canadensis	Canadian anemone	Cont.	#3	24" O.C.
AE	21	Asarum europaeum	European wild ginger	Cont.	#1	12" O.C.
CV	40	Coreopsis verticillata 'Moonbeam'	Moonbeam Threadleaf Coreopsis	Cont.	#1	18" O.C.
DP	20	Dennstaedtia punctilobula	Hayscented fern	Cont.	#1	24" O.C.
FR	8	Filipendula rubra 'Venusta'	Vewnusta Queen-of-the-Prairie	Cont.	#3	36" O.C.
PV-N	22	Panicum virgatum 'Northwind'	Switch Grass 'Northwind'	Cont.	#5	2.5' O.C.
PV-S	22	Panicum virgatum 'Shenandoah'	Switch Grass 'Shenandoah'	Cont.	#5	3' O.C.
SS-M	32	Salvia x sylvestris 'Mainacht' MAY NIGHT	Wood Sage 'May Night'	Cont.	#1	18" O.C.
SK	23	Sedum kamtschaticum	Stonecrop	Cont.	#1	18" O.C.
SC	13	Silene caroliniana var. wherryi 'Short and Sweet'	Wild Pinks	Cont.	#1	18" O.C.
WF	4	Wisteria frutescens 'Amethyst Falls'	Amethyst Falls American Wisteria	Cont.	#5	As Shown



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Project Name and Address

Copper Beech Park Expansion

10 North Main Street
Pittsford, New York 14560

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Issue Date:

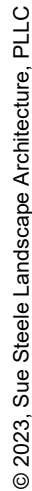
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No.	Date	Revision
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Drawing Title:

Planting Plan

L-05



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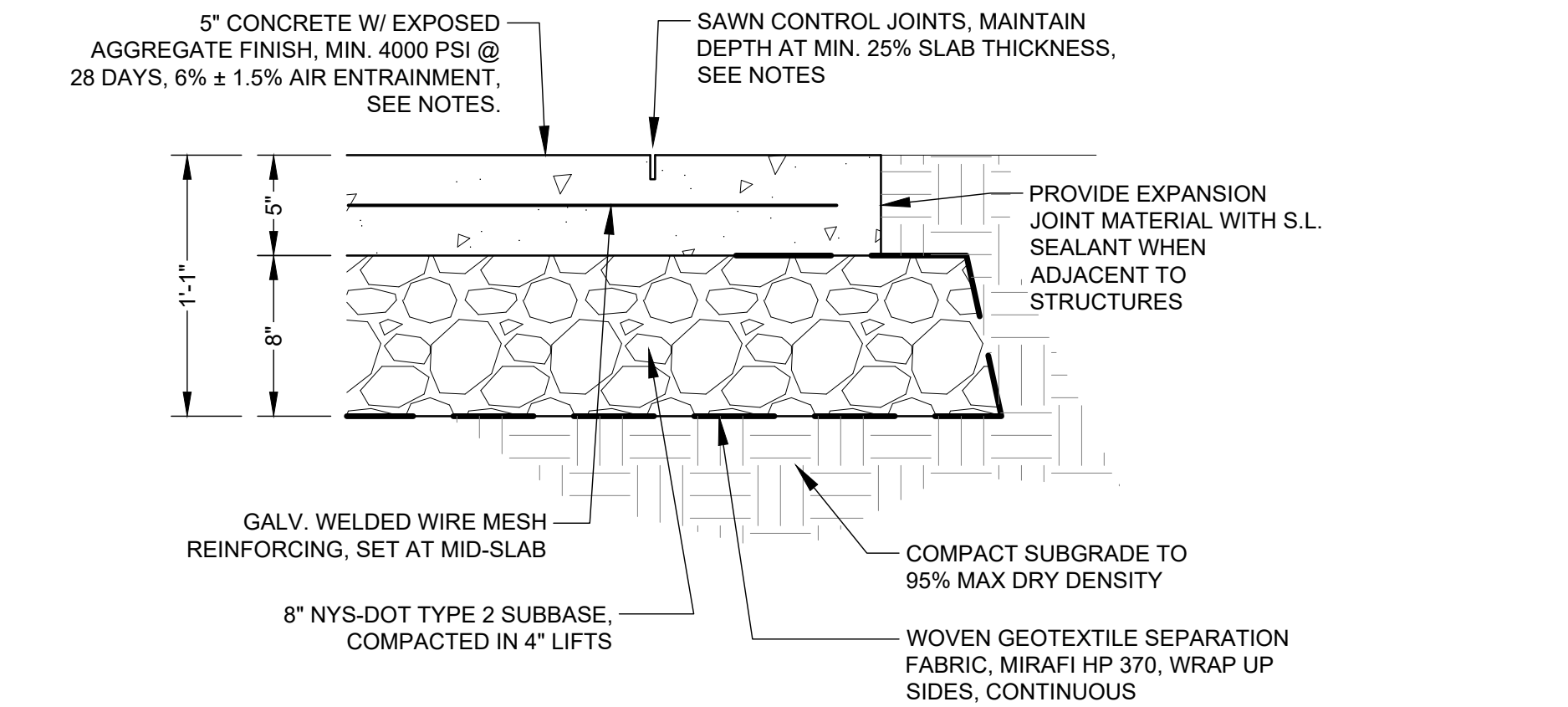
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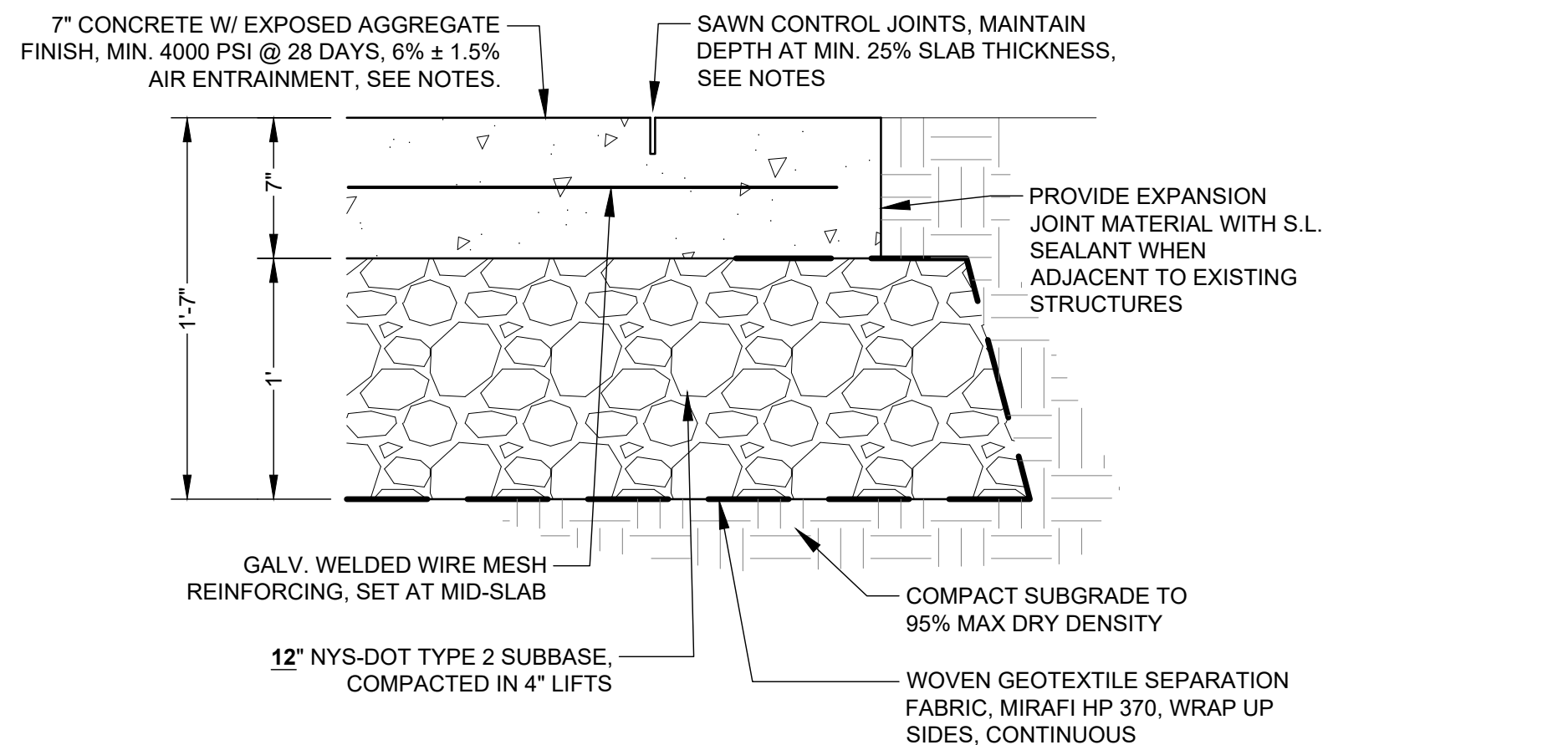
Details

L-07



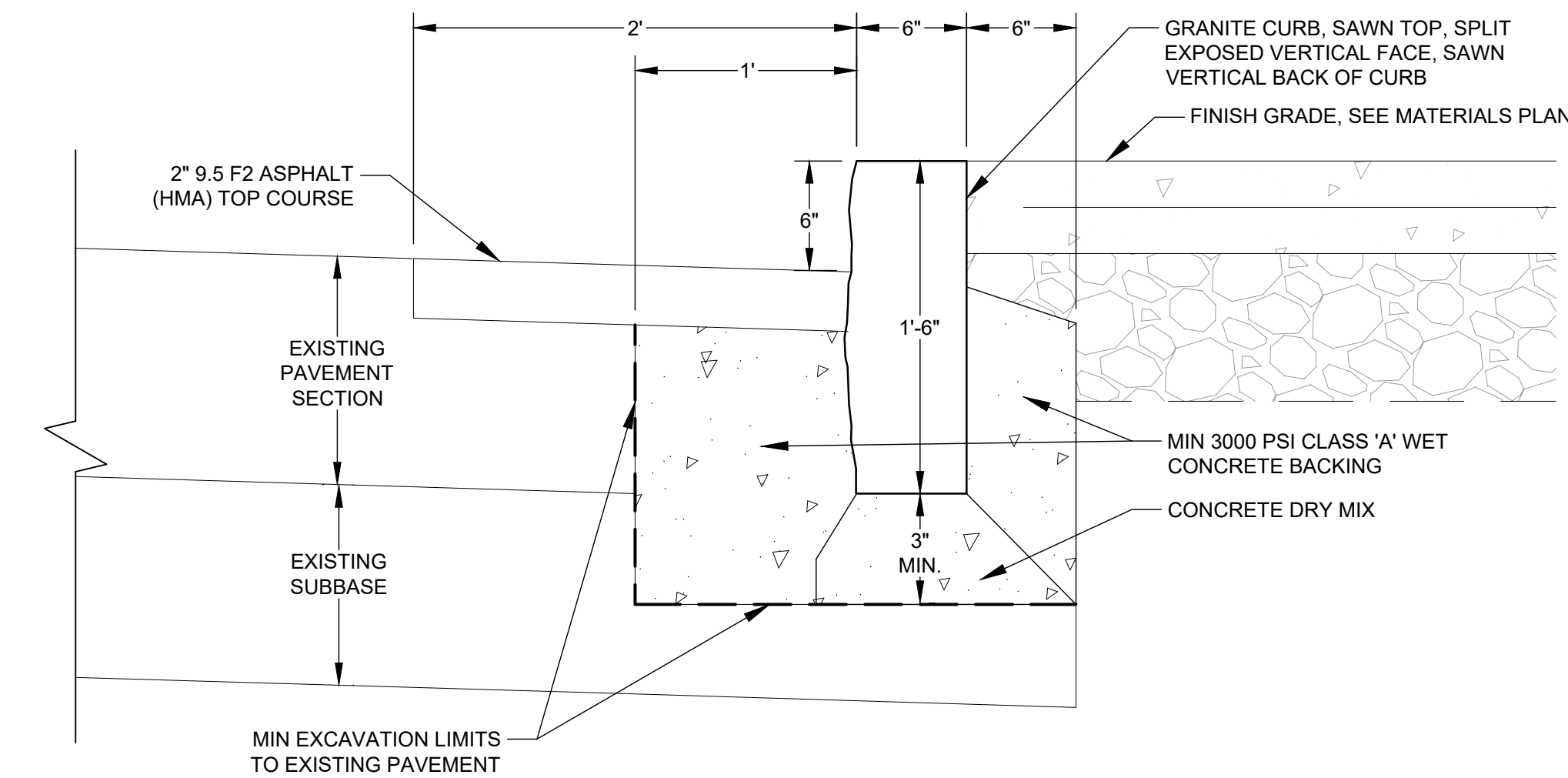
1 Pedestrian (5'') Concrete Pavement with Exposed Aggregate Finish - Detail

L-07 NTS



2 Vehicular Grade (7'') Concrete Pavement with Exposed Aggregate Finish - Detail

L-07 NTS

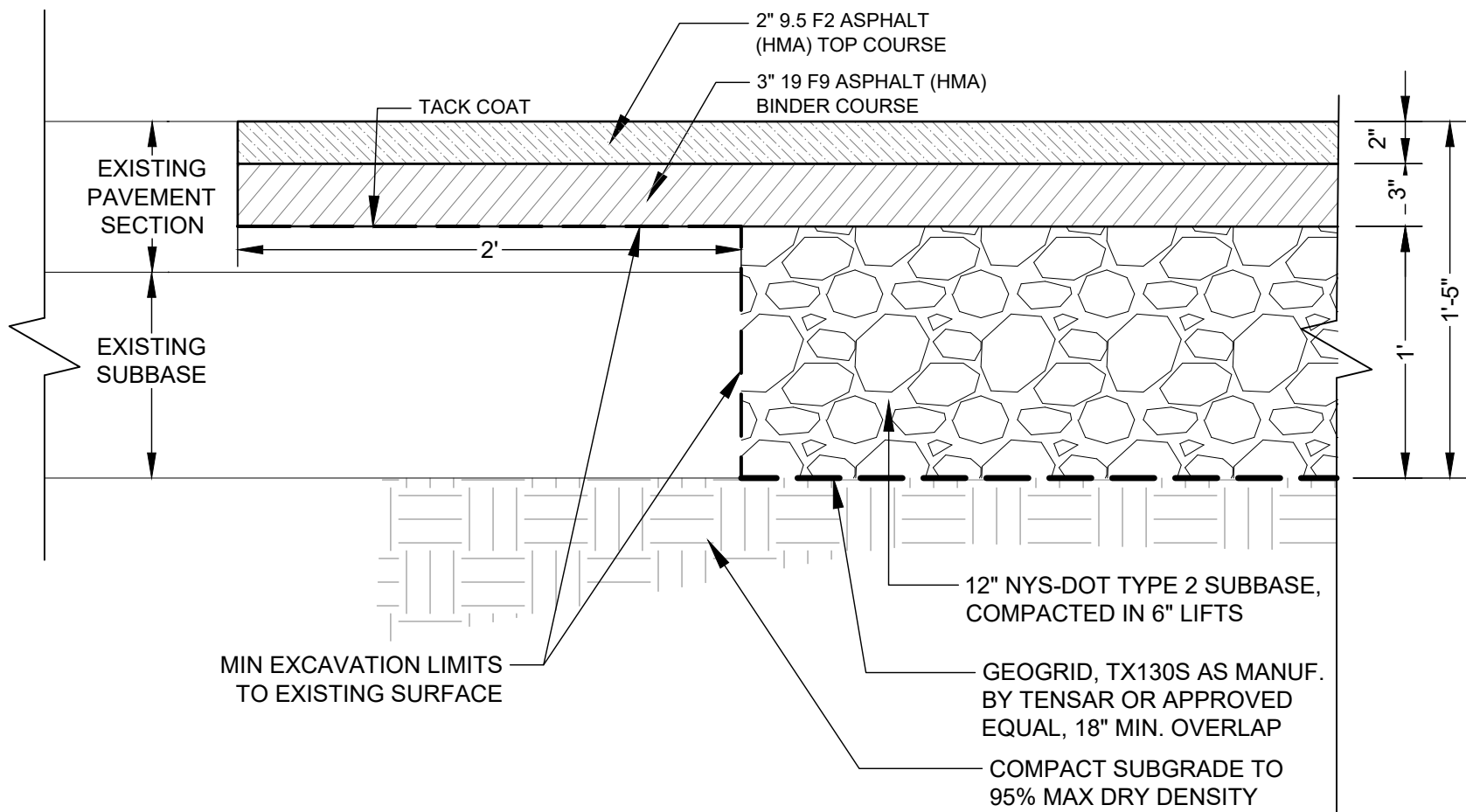


4 Granite Curb with Reveal - Detail

L-07 NTS

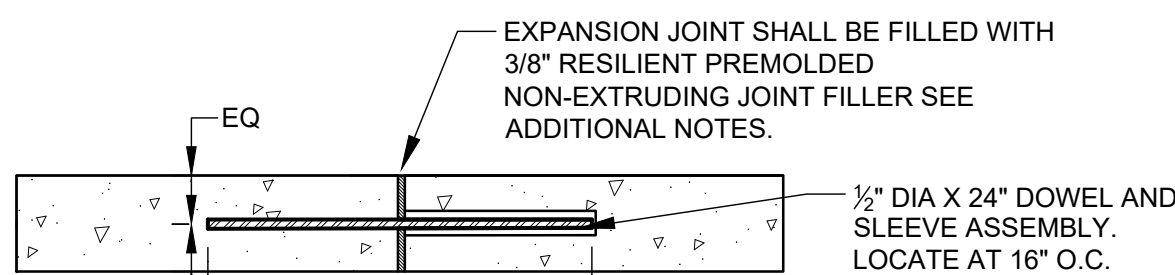
CONCRETE NOTES:

- SUBMIT MIX DESIGN AND MATERIALS DATA FOR ALL PRODUCTS REQUIRED TO PERFORM THE WORK TO LANDSCAPE ARCHITECT FOR REVIEW.
- SPECIALTY FINISH TO BE EXPOSED AGGREGATE:
 - EXPOSED AGGREGATE MATERIAL: SELECTED, HARD, AND DURABLE; WASHED NATURAL AGGREGATE; FREE OF MATERIALS WITH DELETERIOUS REACTIVITY TO CEMENT OR THAT CAUSE STAINING; FROM A SINGLE SOURCE, WITH GAP-GRADED AGGREGATES (3/8" TO 5/8" NOMINAL)
 - CHEMICAL SURFACE RETARDER: WATER SOLUABLE, LIQUID, SET RETARDER WITH COLOR DYE, FOR HORIZONTAL CONCRETE SURFACE APPLICATION, CAPABLE OF TEMPORARILY DELAYING THE FINAL HARDENING OF A CONCRETE TO A DEPTH OF 1/8 TO 1/4 INCH.
 - PRODUCT: DAYTON SUPERIOR CORPORATION; TOP CAST GRADE 25, OR APPROVED EQUAL.
- FINISHED CONCRETE TO BE SEALED WITH EUCLID CHEMICAL LUSTERSEAL 350 OR EQUAL.
- CONDUCT PRE-INSTALLATION MEETING WITH LANDSCAPE ARCHITECT
- FORMWORK TO BE INSPECTED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO CONCRETE POUR.
- PROVIDE SAWN CONTROL JOINTS TO DEPTH OF MIN. 25% SLAB THICKNESS (1-1/4") AT SPACING TO BE DETERMINED BY LANDSCAPE ARCHITECT, MAX 8' O.C.
- SAWN JOINTS SHALL BE COMPLETED NO MORE THAN 24 HOURS AFTER INITIAL SET OF THE CONCRETE.
- GUARANTEE: ANY MATERIAL OR WORKMANSHIP FOUND TO BE DEFECTIVE FOR UP TO ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY OWNER SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER. UPON NOTIFICATION OF DEFECTIVE MATERIAL OR WORKMANSHIP, THE CONTRACTOR SHALL IMMEDIATELY REPLACE SUCH DEFECTIVE AREAS.



3 Asphalt Pavement - Detail

L-07 NTS

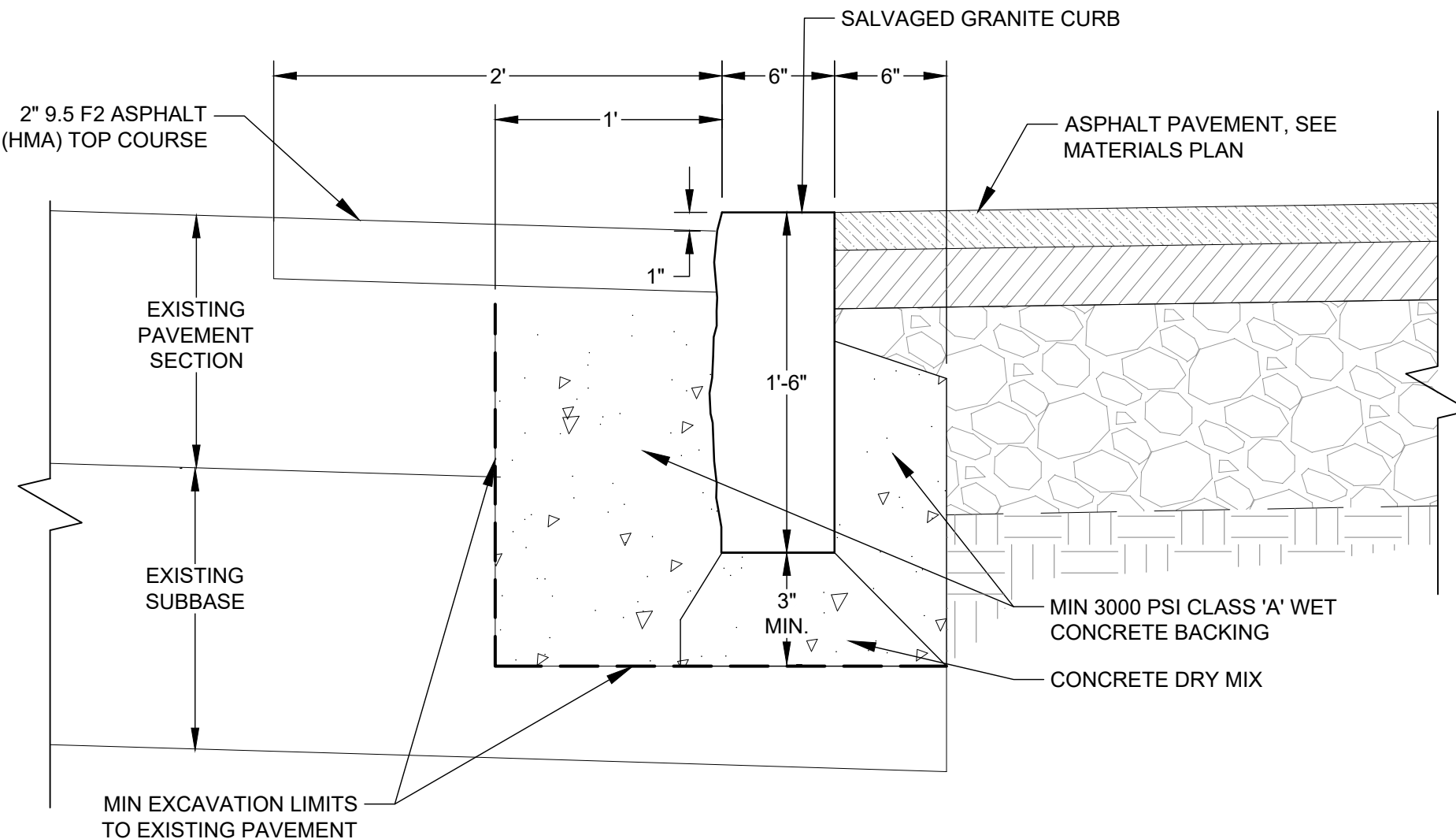


NOTES:

- EXPANSION JOINTS RECESS SHALL BE FORMED WITH AN EXTRUDED PVC CAP WITH REMOVABLE TOP TO RECEIVE SELF LEVELING JOINT SEALANT. S.L. SEALANT COLOR TO MATCH CONCRETE PAVEMENT.
- EXPANSION JOINTS SHALL BE PLACED 1 PER 30 LF OF CONCRETE, OR AS INDICATED ON THE LAYOUT PLAN.

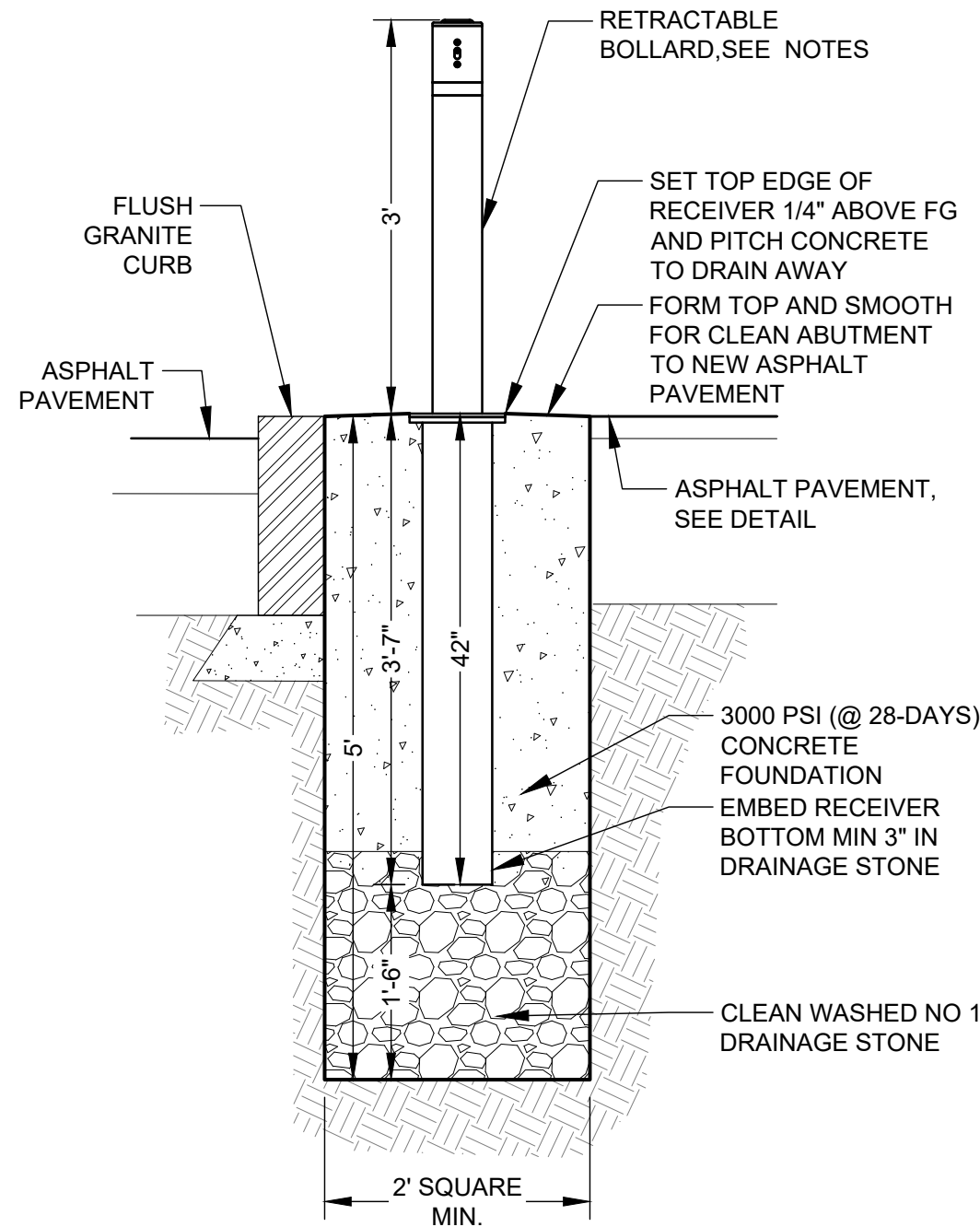
7 Expansion Joint - Detail

L-07 NTS



5 Flush Granite Curb - Detail

L-07 NTS



BOLLARDS NOTES:

- RETRACTABLE BOLLARD SHALL BE AS MANUFACTURED BY RELIANCE FOUNDRY (RELIANCE-FOUNDRY.COM) OR APPROVED EQUAL:

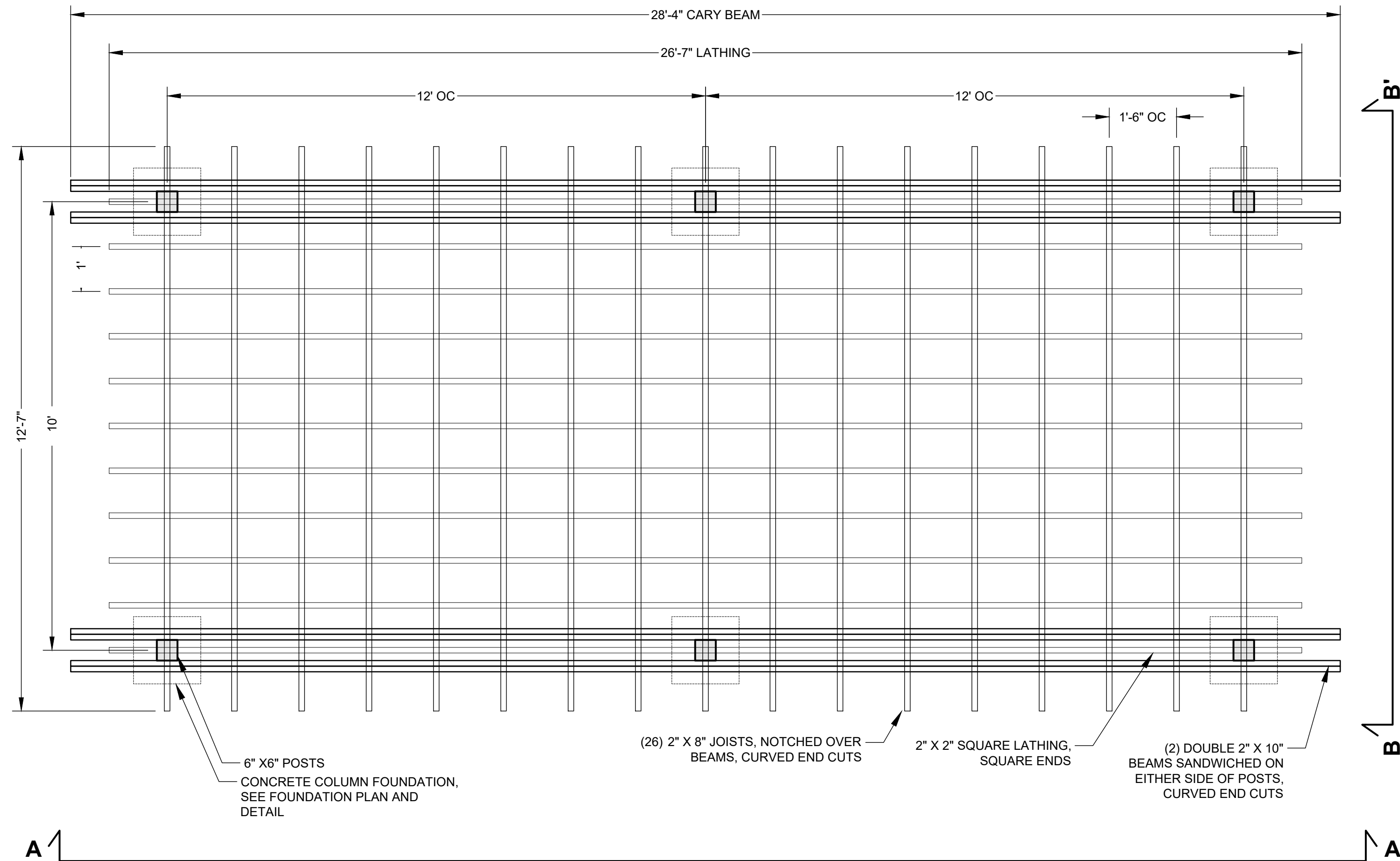
MODEL: R-8471-RA (LOCKABLE IN RAISED/KEY TO LOWER)

MATERIAL: STAINLESS STEEL 316

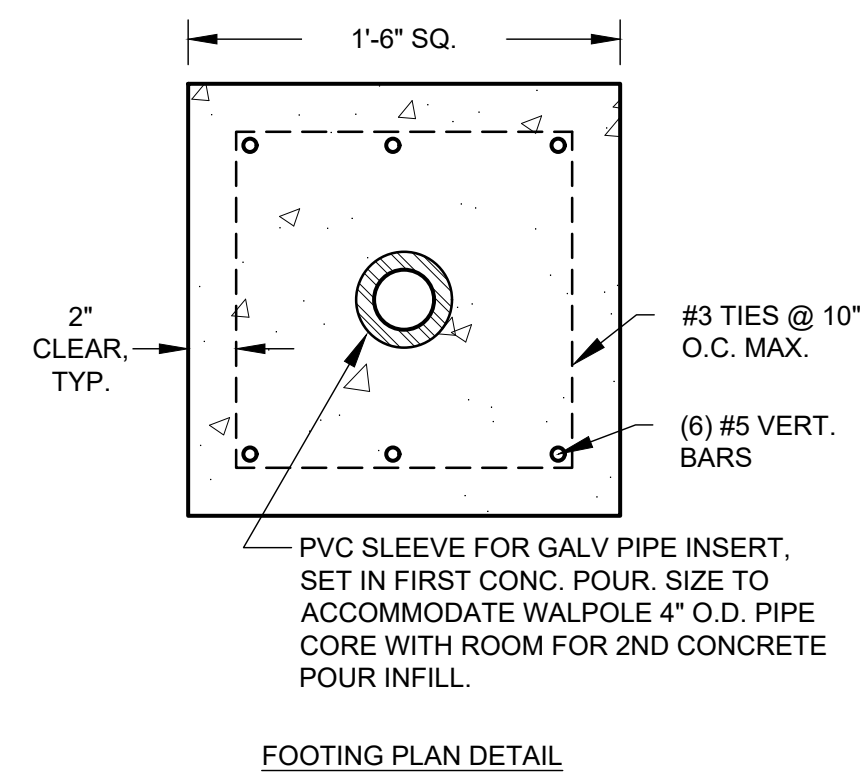
COLOR: BLACK POWDER COAT WITH IRON ARMOR AND YELLOW REFLECTOR
- INSTALL PER MANUFACTURER INSTRUCTIONS.
- PROVIDE 5 YEAR PRODUCT AND POWDER COATING WARRANTY

6 Retractable Bollard - Detail

L-07 NTS



PLAN

**PERGOLA POST FOUNDATION**

FG. VARIES REFER TO GRADING PLAN

1'-6" SQUARE

3" CLEAR

1" MIN.

UNDISTURBED SOIL

MIN. 5'-0" BELOW FINISHED GRADE, ALL COLUMNS

1" CHAMFER ALL SIDES

TOP OF FOUNDATION ELEVATIONS TO MATCH, REFER TO GRADING PLAN

1/2" X 12" POST BASE TRIM

2-1/2" OD PIPE (66" LENGTH)

WESTERN RED CEDAR POST, 5-1/2" SQ. WITH STEEL CORE

3/8" SS LAG AND WASHER

4"

1'

2" CLEAR, TYP.

#3 TIES @ 10" O.C. MAX.

(6) #5 VERT. BARS

1'

4"

1'

PVC SLEEVE FOR GALV PIPE INSERT, SET IN FIRST CONC. POUR. SIZE TO ACCOMMODATE WALPOLE 4" O.D. PIPE CORE WITH ROOM FOR 2ND CONCRETE POUR INFILL.

FOUNDATION CONCRETE POUR:
MAIN 18" SQ. FOUNDATION, MIN. 3000 PSI (@ 28-DAYS)
CONCRETE FOUNDATION

NON-SHRINK GROUT:
SLEEVE TO BE FILLED WITH 3000 PSI NON-SHRINK GROUT AFTER PERGOLA COLUMN PIPE CORE IS SET

L-08

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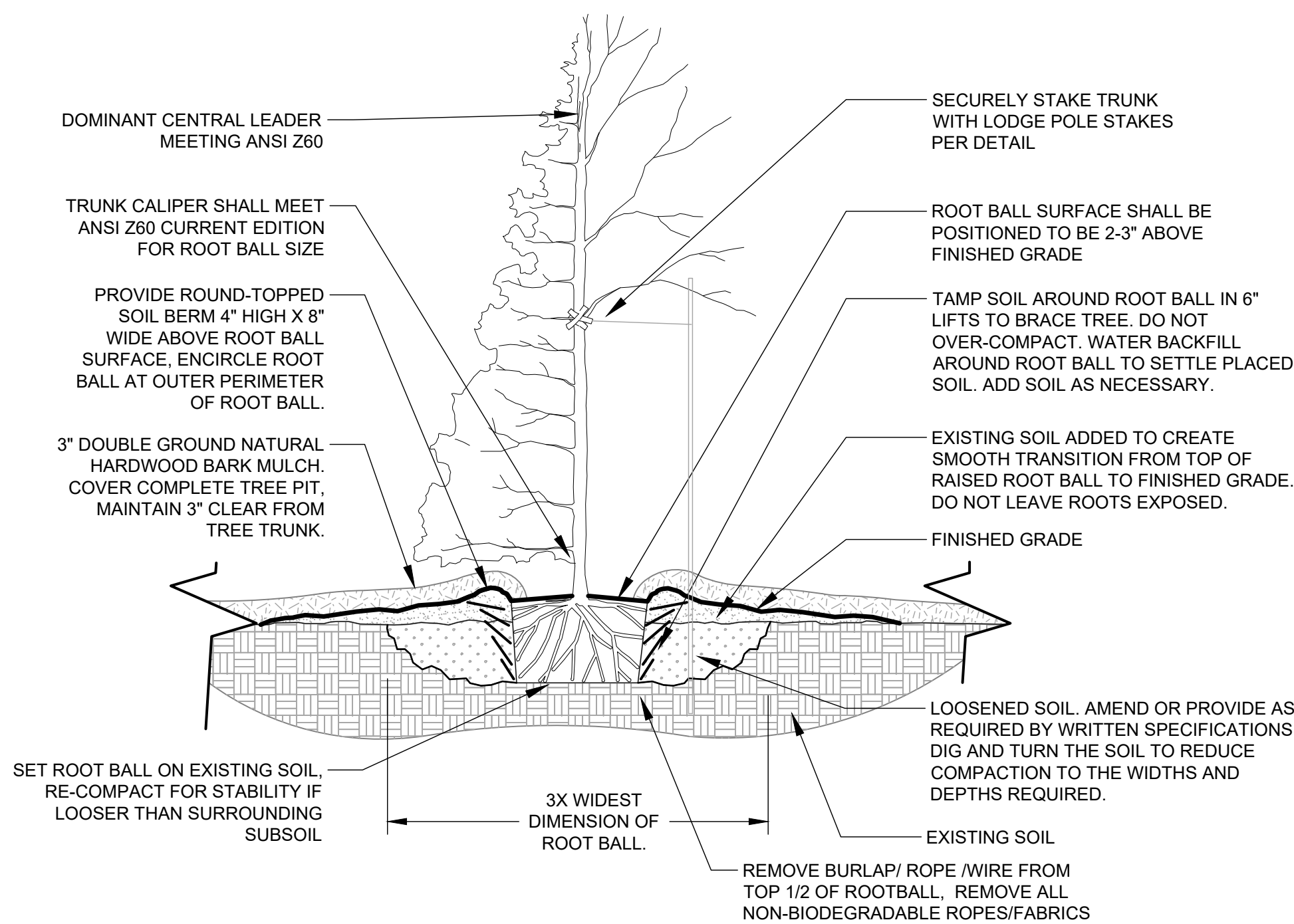
06 -29 - 2023

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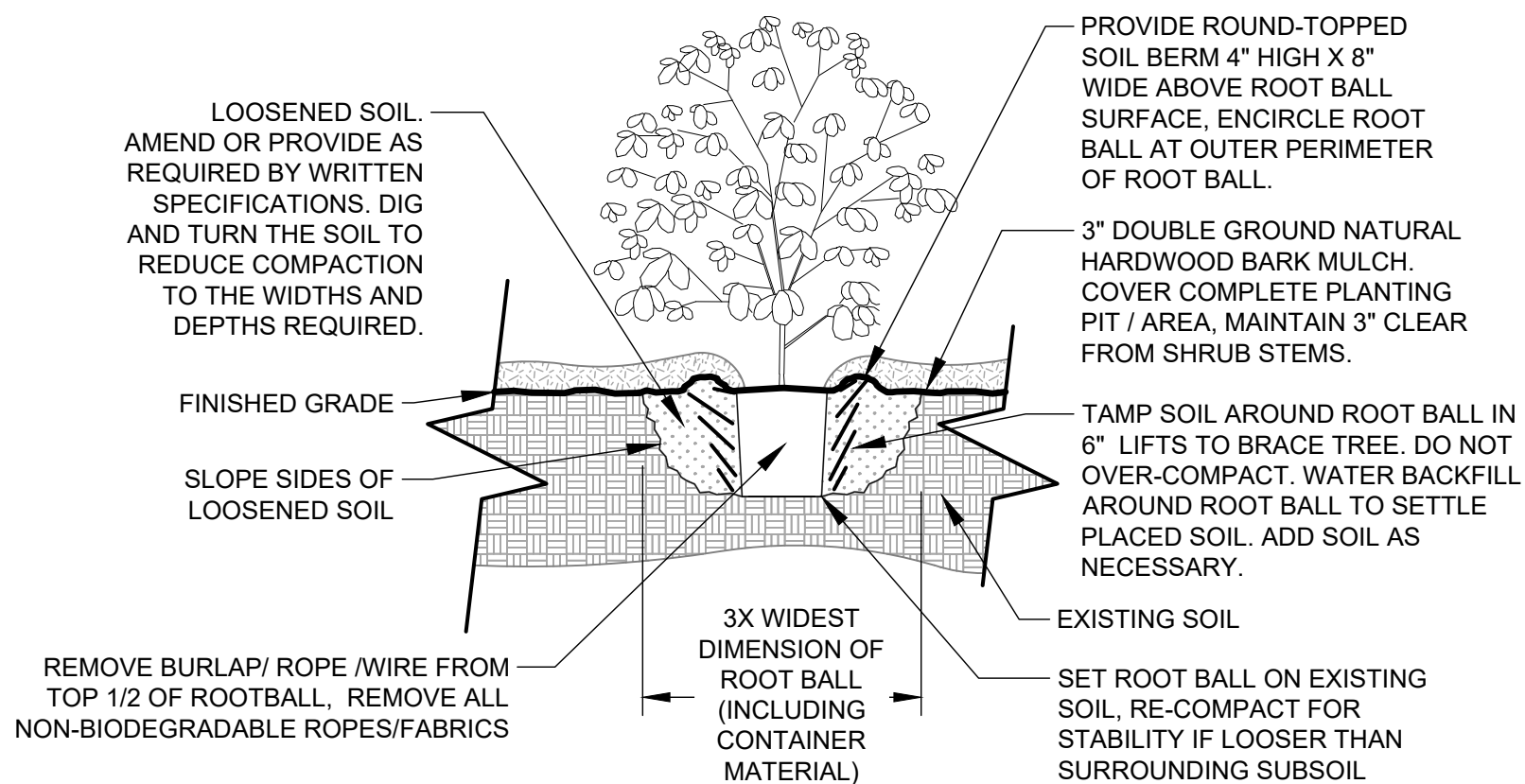
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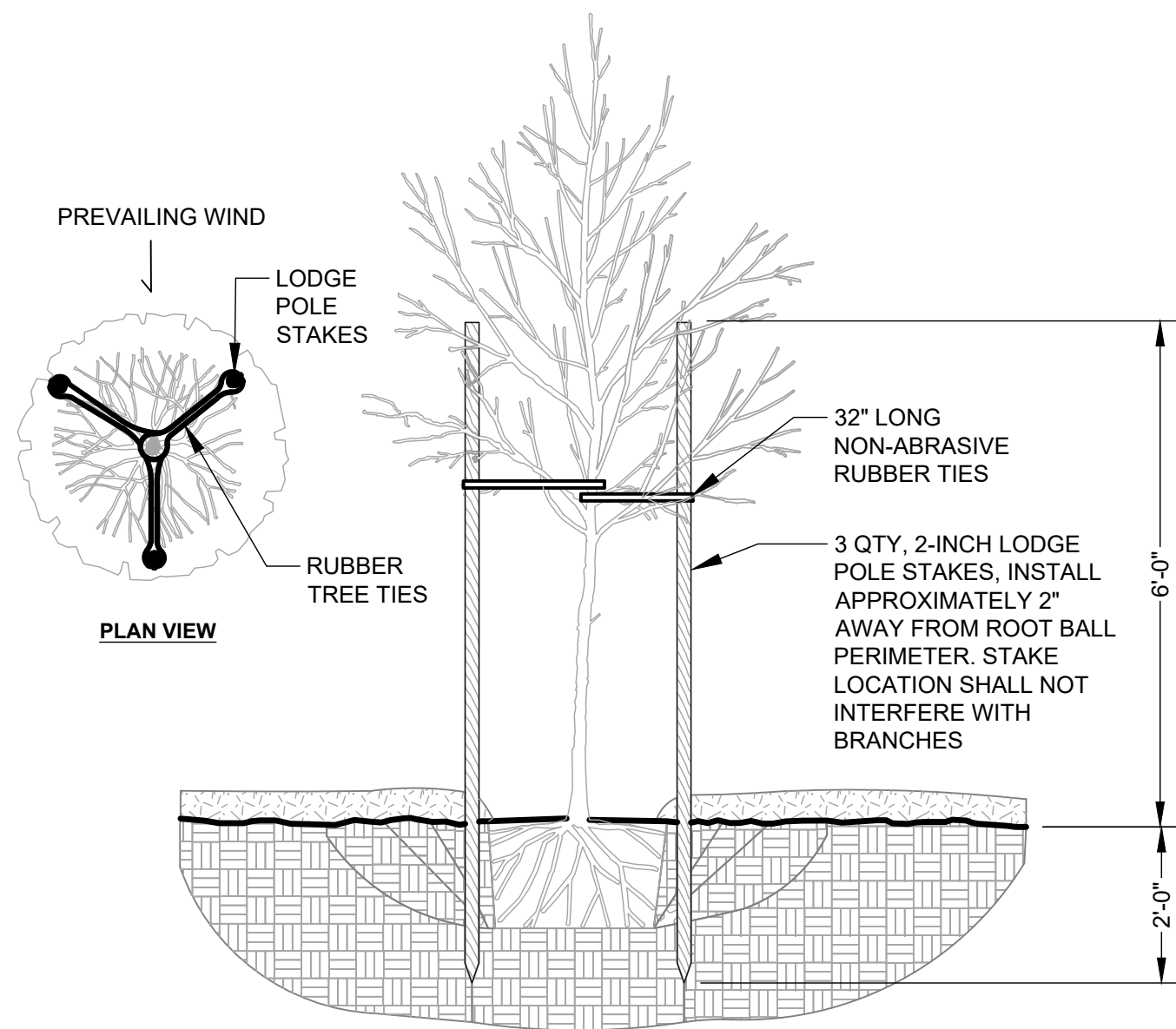
1 Tree Planting - Detail

L-09 NTS



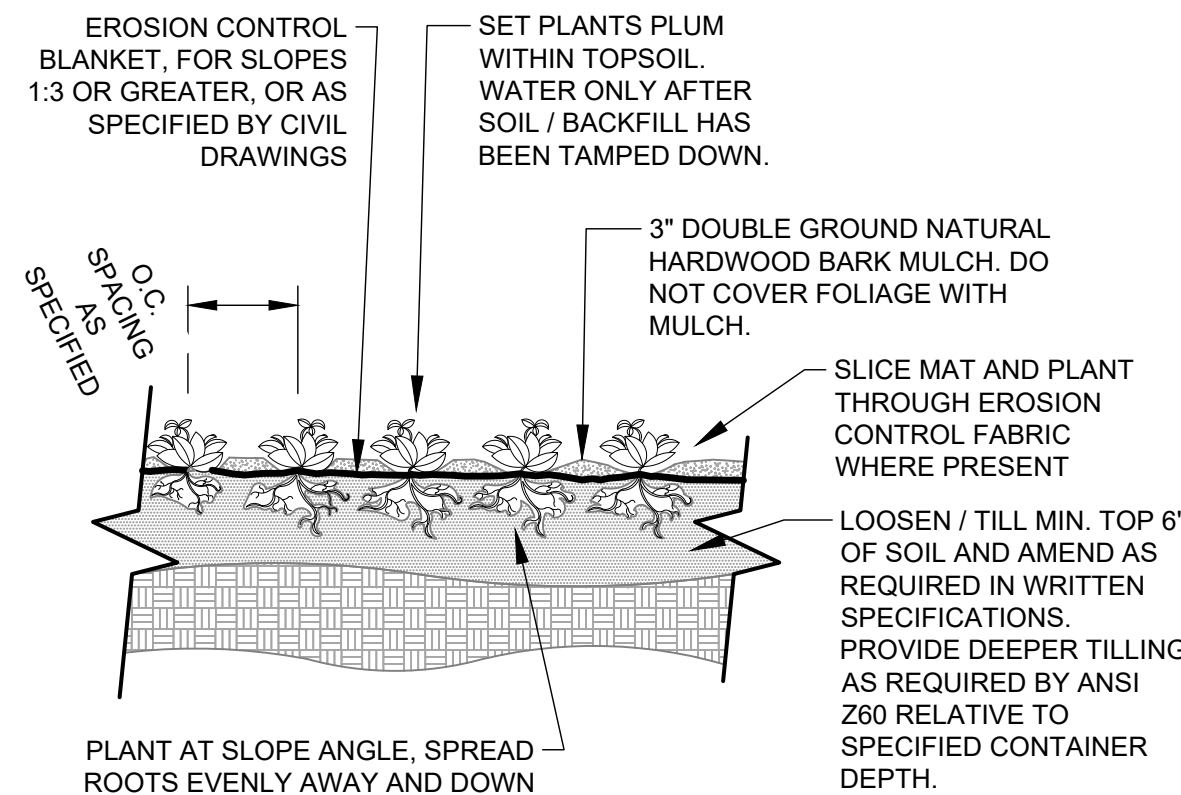
2 Shrub Planting - Detail

L-09 NTS



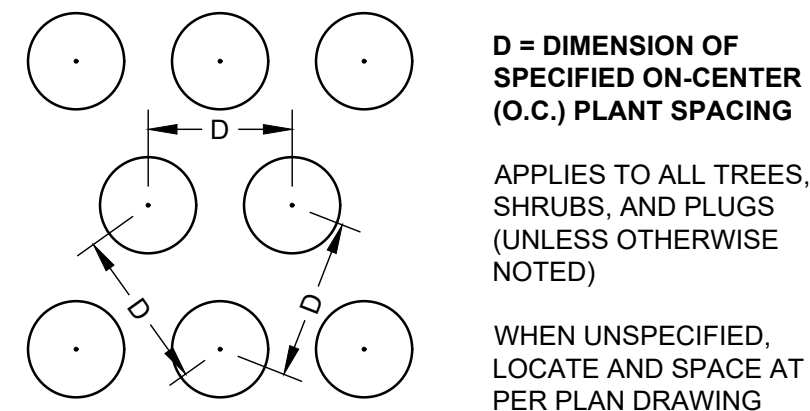
3 Tree Staking - Detail

L-09 NTS



4 Container Planting - Detail

L-09 NTS



5 Plant Spacing Layout - Detail

L-09 NTS