

PROJECT SCOPE / DESCRIPTION

THE PROJECT INCLUDES THE FOLLOWING:

- REMOVE EXISTING ASPHALT PAVEMENT, CURBING, AND LAWN.
- 2. INSTALLATION NEW CONCRETE PAVEMENT, SALVAGED GRANITE CURB,

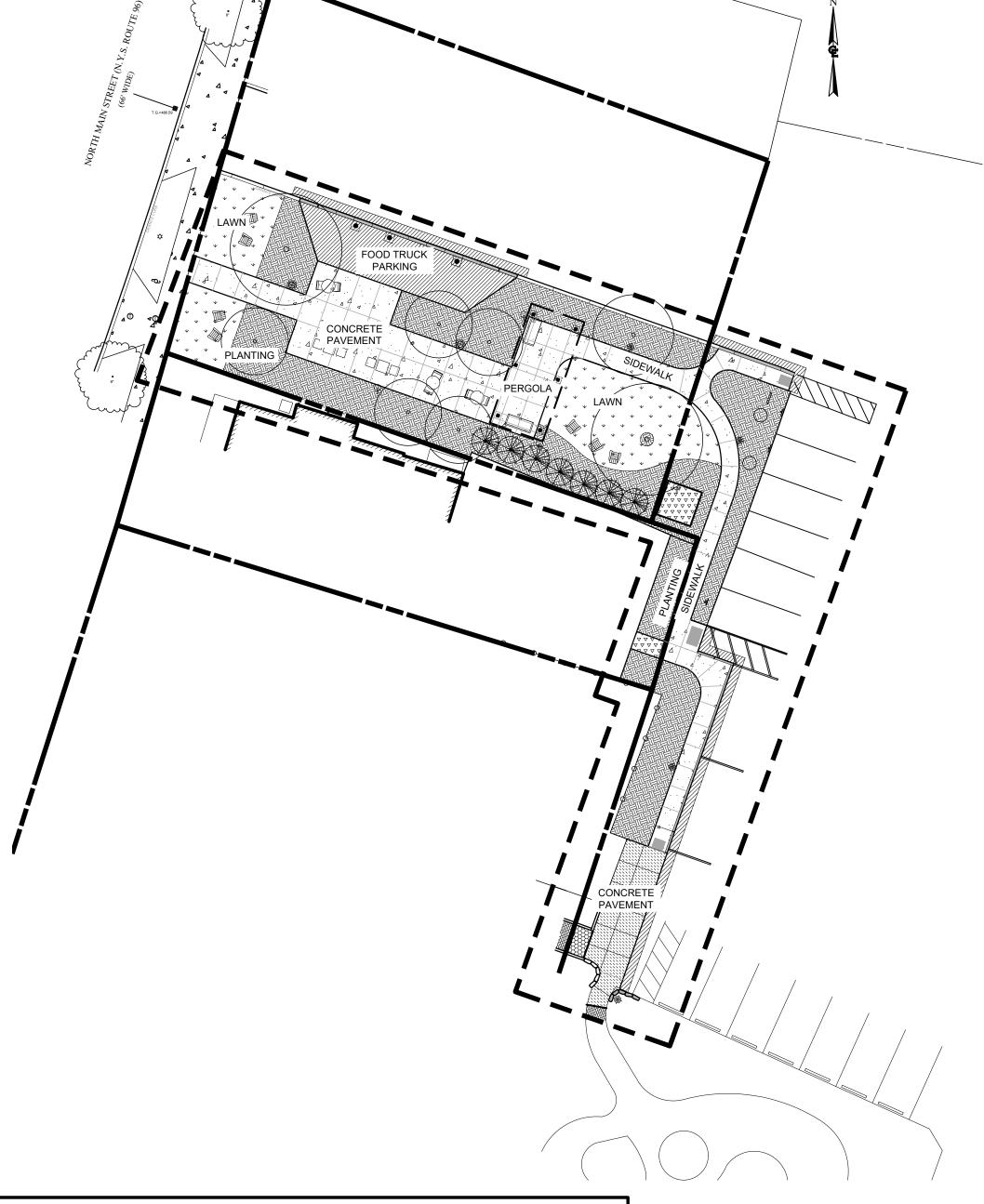
ADD ALTERNATE NO 1: PERGOLA INSTALLATION Installation of custom wood pergola and associated footings as specified in the Contract

ADD ALTERNATE NO 2: WATER SERVICE Installation of water service and yard hydrants as specified in the contract drawings

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.

- 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

- 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

April 18, 2024 Revisions:

DRAWING INDEX

L-00 Cover Sheet

Existing Conditions and Site Preparation Plan L-01

Site and Materials Plan L-02

L-03 Layout Plan

L-04 Grading and Drainage Plan

L-05 Planting Plan

L-06 Lighting and Utilities Plan

L-07 **Construction Details**

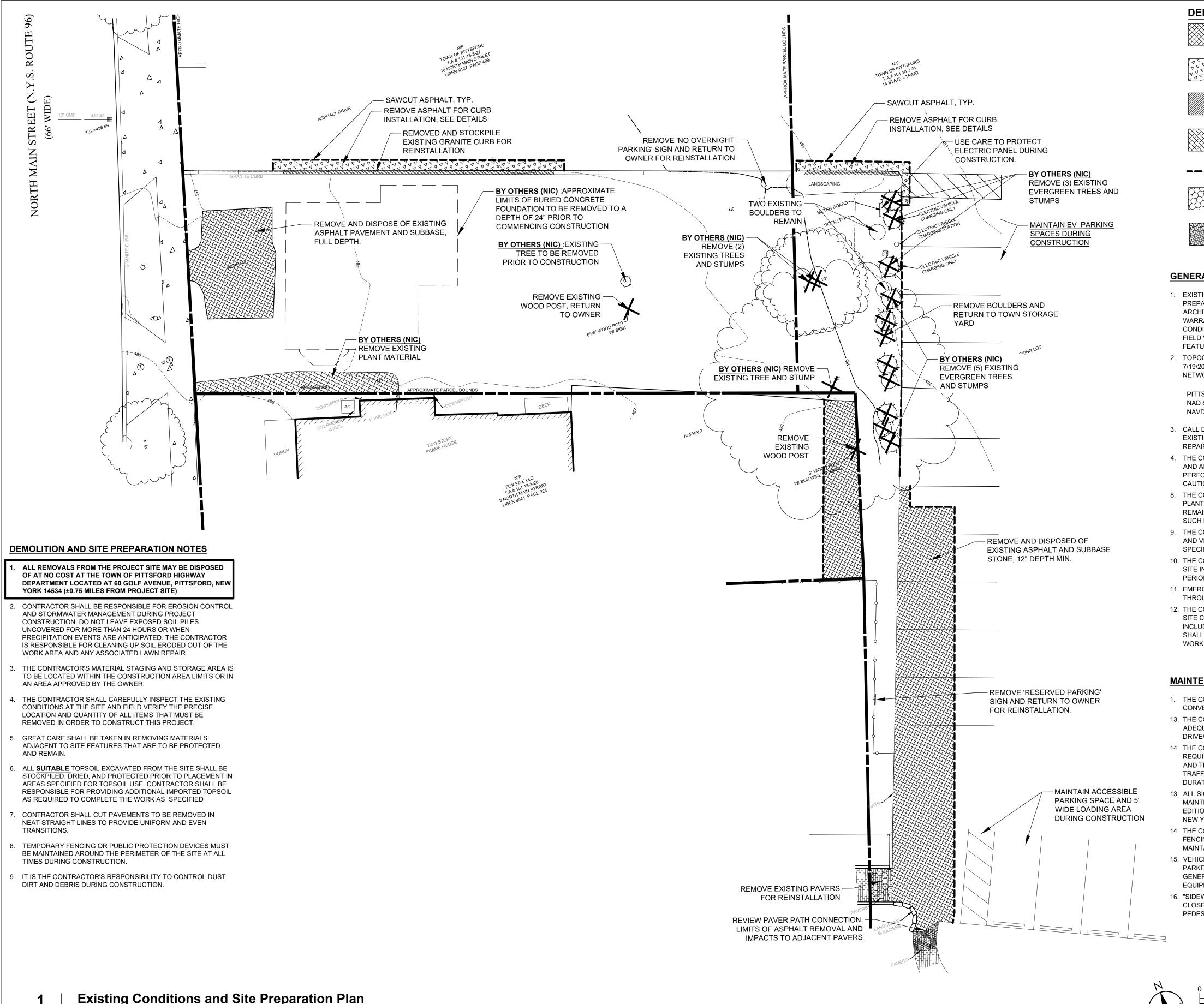
L-08 **Construction Details**

L-09 **Construction Details**

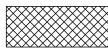
PREPARED BY

Sue Steele Landscape Architecture

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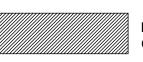
DEMOLITION LEGEND



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



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



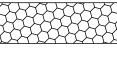
REMOVED AND STOCKPILE EXISTING GRANITE **CURB FOR REINSTALLATION**



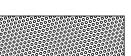
BY OTHERS (NIC) REMOVE EXISTING PLANT MATERIAL



---- SAWCUT EXISTING ASPHALT PAVEMENT



REMOVE AND STOCKPILE PAVERS FOR REUSE.



REMOVE AND PAVERS AND RETURN TO OWNER

GENERAL NOTES

- 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 NYSDOT CORS NETWORK REFERENCED TO THE FOLLOWING MONUMENT:

PITTSFORD CORS STATION

NAD 83 (CORS) LATITUDE: 43-05-35.48461 (N) / LONGITUDE: 077-31-31.11244 (W) NAVD 88 (CORS) 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.
- 8. 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.
- 9. 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.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN A SAFE AND ORDERLY CONDITION THROUGHOUT THE CONSTRUCTION
- 11. EMERGENCY ACCESS TO THE SITE SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION
- 12. 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.
- 13. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS TO AND FROM INTERSECTING STREETS, DRIVEWAYS AND BUSINESSES.
- 14. 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.
- 13. 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.
- 14. 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.
- 15. 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.
- 16. "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.

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Sue

Steele

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 TEM THE SEAL AND THE NOTATION 'ALTERED BY' FOLLOWING BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC

Project Name and Address

Copper Beech Park Expansion

10 North Main Street Pittsford, New York 14560

BID DOCUMENTS NOT FOR CONSTRUCTION

Issue Date

04-18-2024

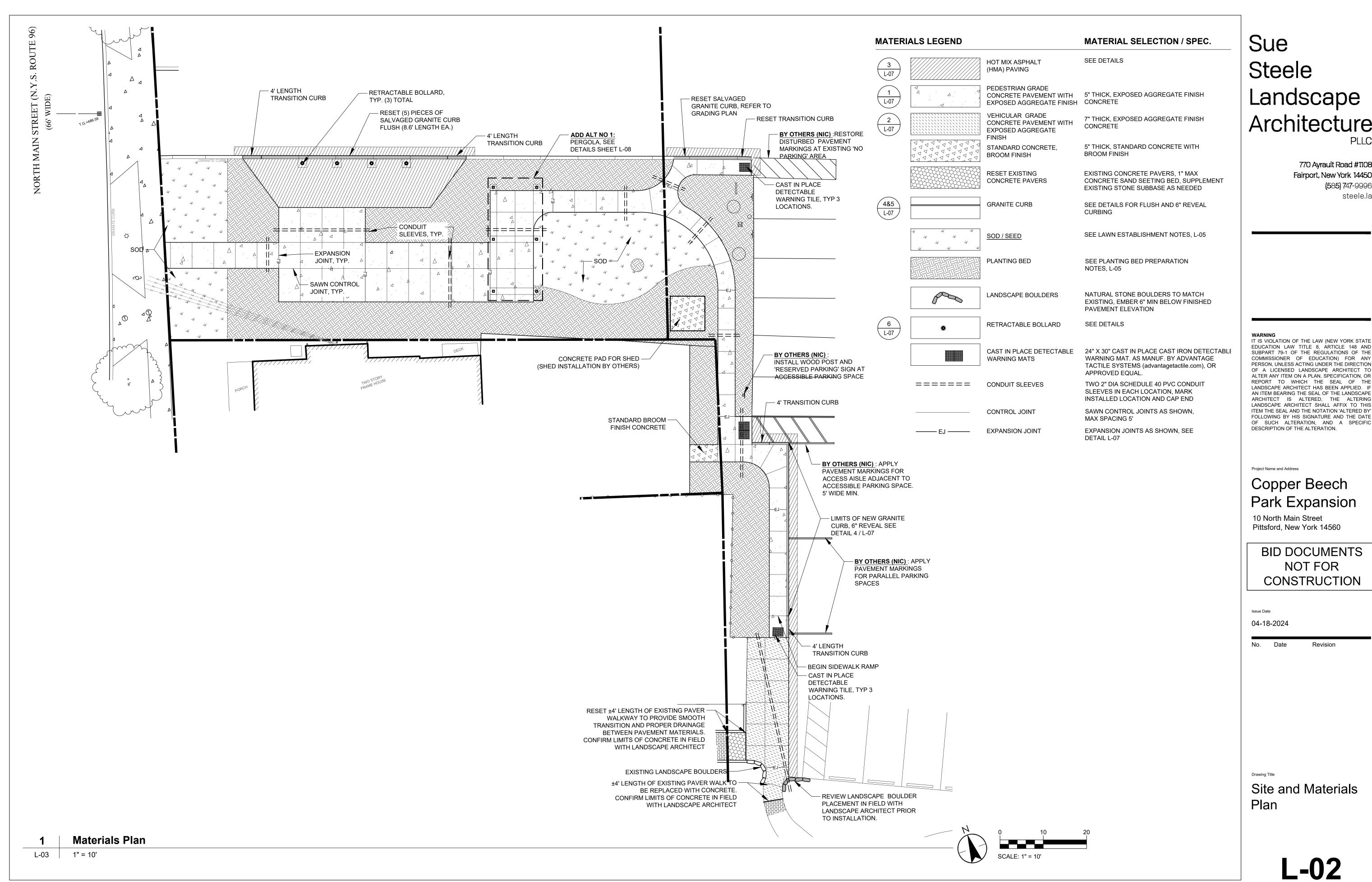
Date

Revision

Existing Conditions and Site Preparation Plan

Existing Conditions and Site Preparation Plan

L-02 1" = 10'



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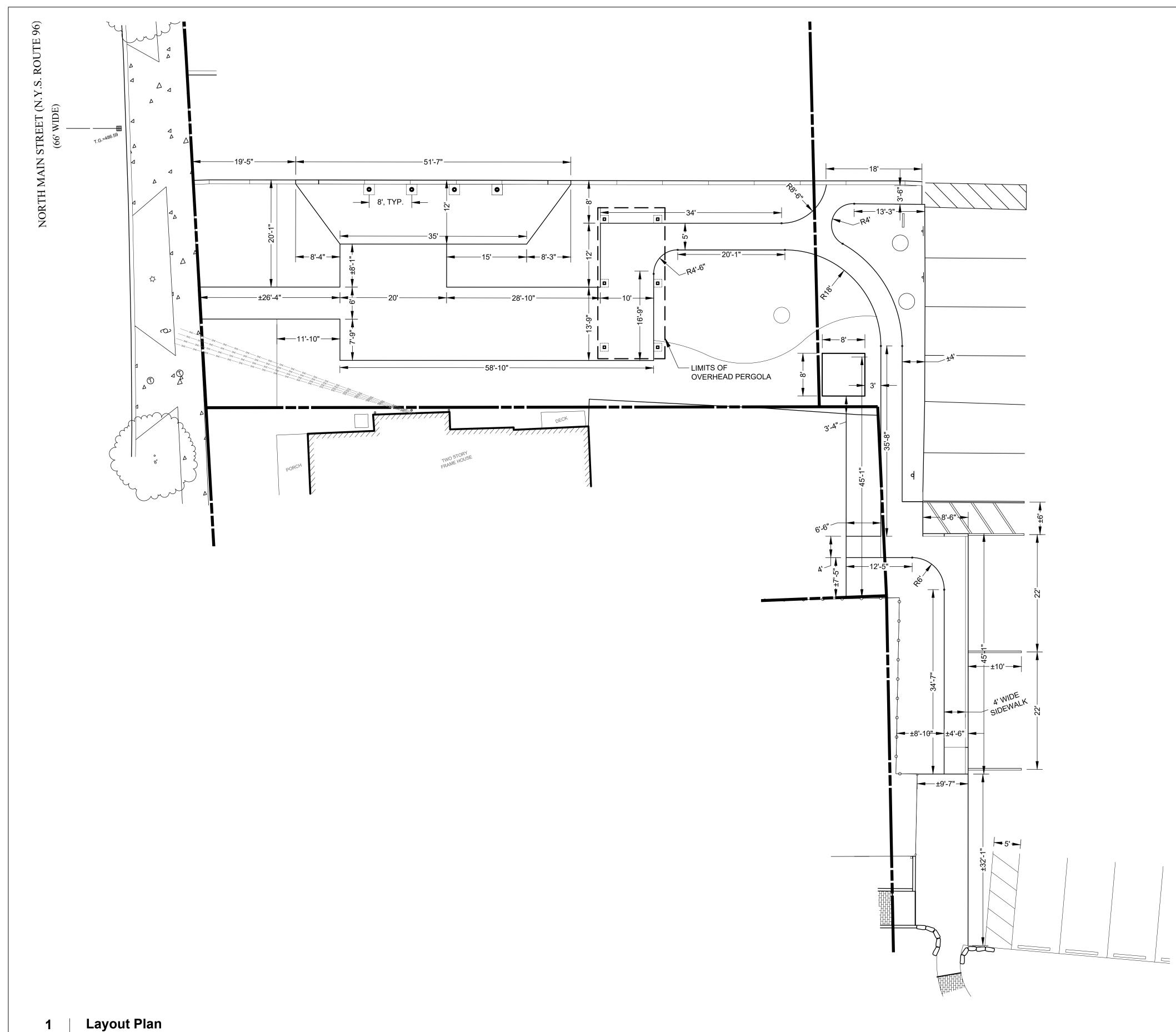
Issue Date

04-18-2024

No. Date Revision

Drawing Title

Site and Materials Plan



L-04

LAYOUT AND MATERIAL NOTES

- 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.
- 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.

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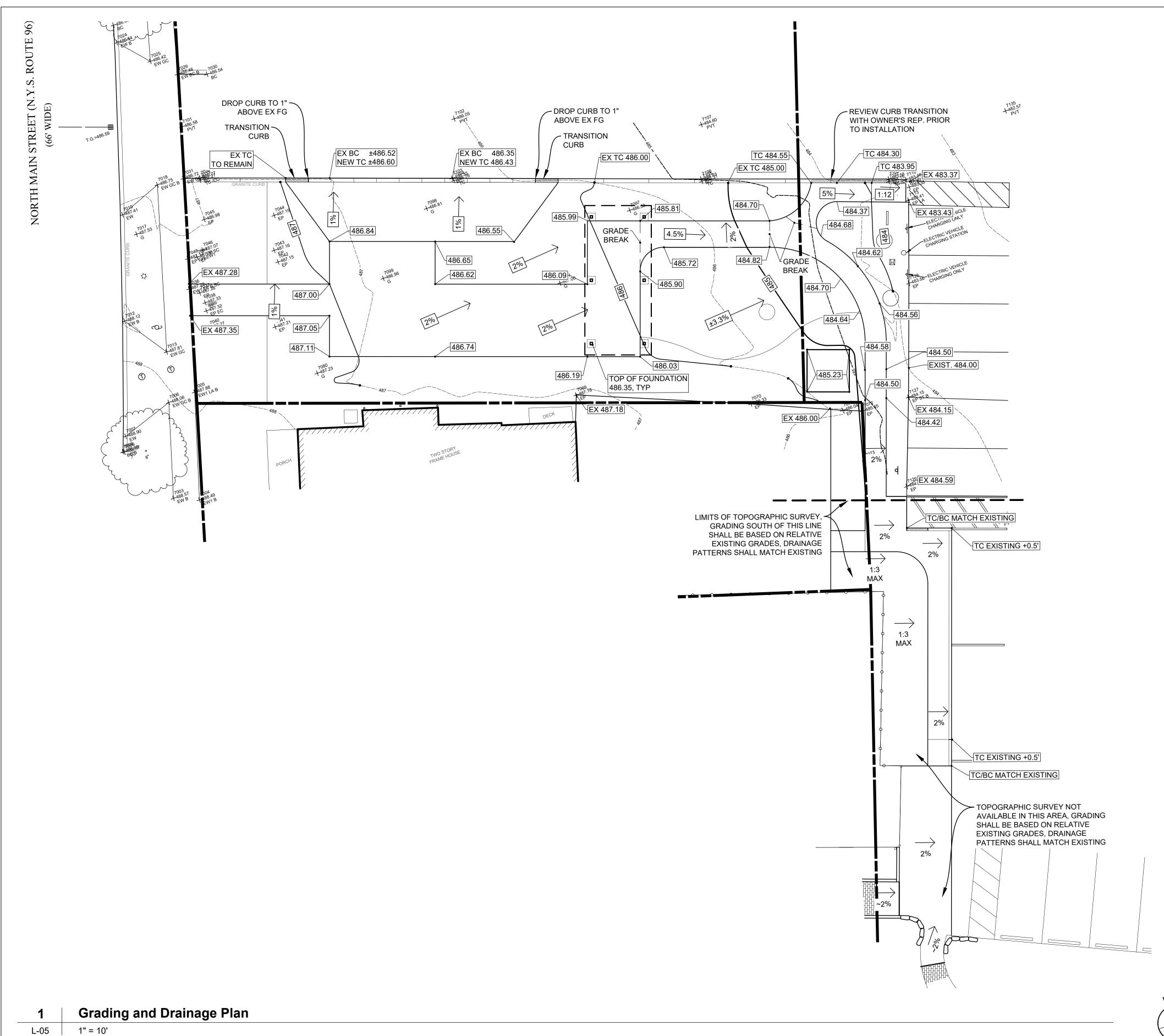
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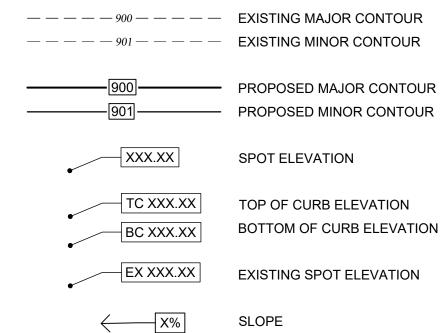
04-18-2024

No. Date

Layout Plan



GRADING LEGEND



GRADING NOTES

- ANY DISCREPANCIES IN PROPOSED ELEVATIONS NOTED BY THE CONTRACTOR DURING CONSTRUCTION PROCESS SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- 2. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY UNEXPECTED SUBSURFACE CONDITIONS.
- 3. 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.
- 4. 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.
- 5. ALL FILL AND BACKFILL MATERIALS MUST BE THOROUGHLY COMPACTED AS THEY ARE PLACED.
- 6. 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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Revision

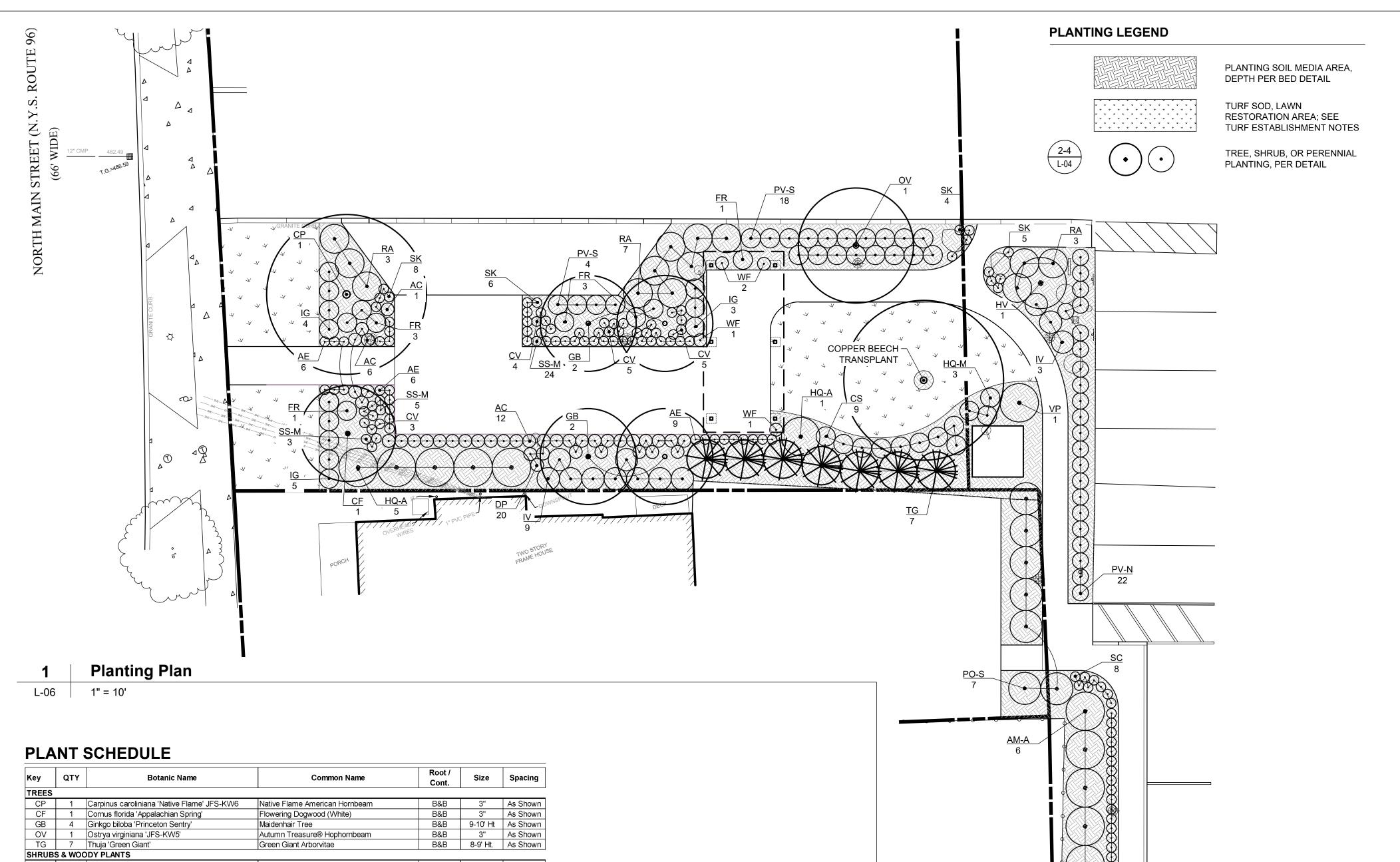
Issue Date

No. Date

04-18-2024

Orawing Title

Grading and Drainage Plan



Key	QIY	Botanic Name	Common Name	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
VO	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	S & WO(DDY 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.
ΗV	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	llex glabra 'Shamrock'	Inkberry	Cont.	#5	3' O.C.
IV	12	llex 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.
ΔA	1	Viburnum plicatum f. plicatum 'Popcorn'	Japanese snowball Viburnum	Cont.	#3	3' O.C.
		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 × 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



- 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.
- 2. ALL PLANTING BEDS SHALL BE PREPARED TO A DEPTH OF 18" AS FOLLOWS:
 2.1. 12" DEPTH SHALL BE PREPARED PLANTING SOIL MEDIUM (SEE NOTE 4)
- 3. TOPSOIL AND ORGANIC MATERIAL SOURCES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE. SEE SUBMITTAL CHECKLIST.
- 4. 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.

SUBSOIL SHALL BE SCARIFIED TO A DEPTH OF 6" BENEATH PLANTING MEDIUM.

- 5. TOPSOIL: PROVIDE 1 GALLON SAMPLE. ALL IMPORTED OR STOCKPILED EXISTING SOIL MATERIAL SHALL BE:
- 5.1. USDA LOAM, SANDY CLAY LOAM, OR SANDY LOAM, WITH CLAY CONTENT BETWEEN 15 AND 25%, AND A COMBINED CLAY/SILT CONTENT OF NO MORE
- . pH VALUE SHALL BE BETWEEN 5.5 AND 7.0
- PERCENT ORGANIC MATTER OF 2.0% TO 5.0% BY DRY WEIGHT.
- 5.4. SOLUBLE SALT LEVEL LESS THAN 2 mmho/cm.
 5.5. 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
- 5.6. 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.
- 6. COMPOST: PROVIDE 1 GALLON SAMPLE. ALL COMPOST USED WITHIN BED PREPARATION MUST BE:
- 6.1. AGED AT LEAST 9 MONTHS AT TEMPERATURES SUFFICIENT TO BREAK DOWN ALL WOODY FIBRES, SEEDS, AND LEAF STRUCTURES.
- 6.2. FREE OF TOXIC MATERIALS AT LEVELS THAT ARE HARMFUL TO PLANTS OR
- 6.3. DERIVED FROM WOOD AND OTHER PLANT BASED MATERIALS, BLENDED WITH MANURE BASED MATERIALS DESIGNED TO PRODUCE COMPOST HIGH IN FUNGAL MATERIAL.
- 4. HAVE A pH BETWEEN 5.5 AND 8.0.
- 6.5. MAXIMUM SOLUBLE SALT OF 5 dS/M.
- 6.6. MOISTURE CONTENT OF 30% TO 60%, WET WEIGHT BASIS.
- 6.7. 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.
- 7. <u>SOIL COMPACTION:</u> ALL PREPARED PLANTING BEDS SHALL HAVE ACCEPTABLE COMPACTION LEVELS FOR PLANT GROWTH AS MEASURED IN THE FIELD USING PENETRATION RESISTANCE METHOD.
- 7.1.1. ACCEPTABLE COMPACTION OF FULL DEPTHS OF PLANTING AREAS SHALL
- BE BETWEEN 75 AND 250 PSI.
 7.1.2. LIMITED AREAS OF ~300 PSI COMPACTION ARE ACCEPTABLE WHERE
- OBSERVABLE ROOT ZONES INTERFERE WITH NEW BED PREPARATION.
 7.1.3. AREAS ABOVE 400 PSI ARE UNACCEPTABLE AND SHALL BE REMEDIATED TO ACCEPTABLE LEVELS.
- 8. 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.
- 9. ALL PLANTS MUST MEET OR EXCEED THE STANDARDS OUTLINED IN THE CURRENT EDITION OF ANSI Z60.1, THE AMERICAN STANDARD FOR NURSERY STOCK.
- 10. ALL PLANTS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
- 11. 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.
- 12. ALL PLANTING BEDS SHALL RECEIVE 3" NATURAL DOUBLE GROUND SHREDDED HARDWOOD BARK MULCH.
- 13. 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

- 1. ALL AREAS DISTURBED BY THIS PROJECT THAT DO NOT RECEIVE PLANTING OR OTHER CONSTRUCTED FEATURES SHALL RECEIVE MINIMUM 4" TOPSOIL AND SOD.
- 2. APPLY FERTILIZER AS NECESSARY TO PRODUCE ACCEPTABLE UNIFORM VIABLE TURF.
- 3. 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.
- 4. MAINTAIN SOD DURING INITIAL ESTABLISHMENT PERIOD UNTIL A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED.

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Project Name and Address

Copper Beech Park Expansion

10 North Main Street Pittsford, New York 14560

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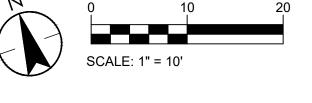
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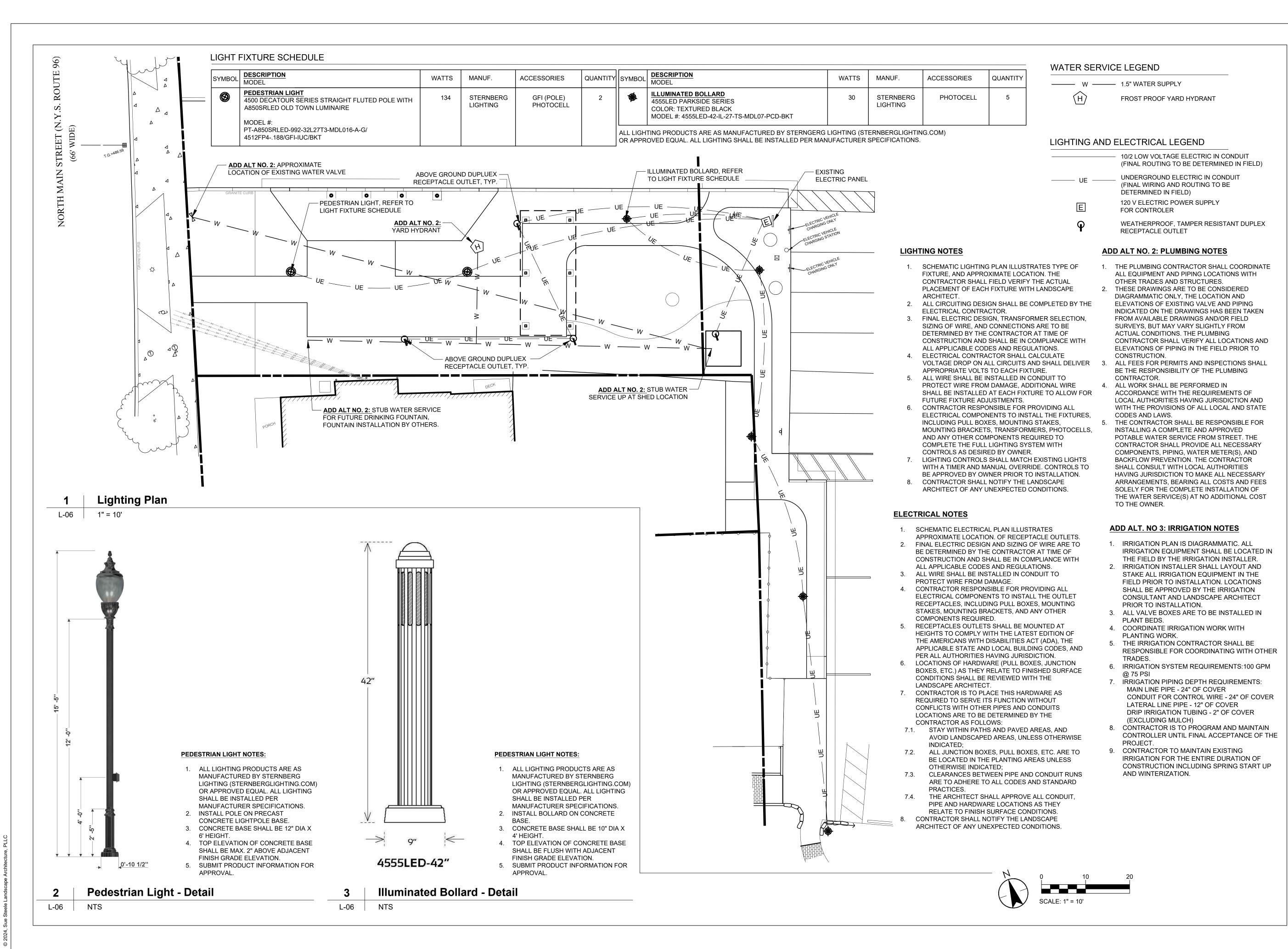
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Planting Plan





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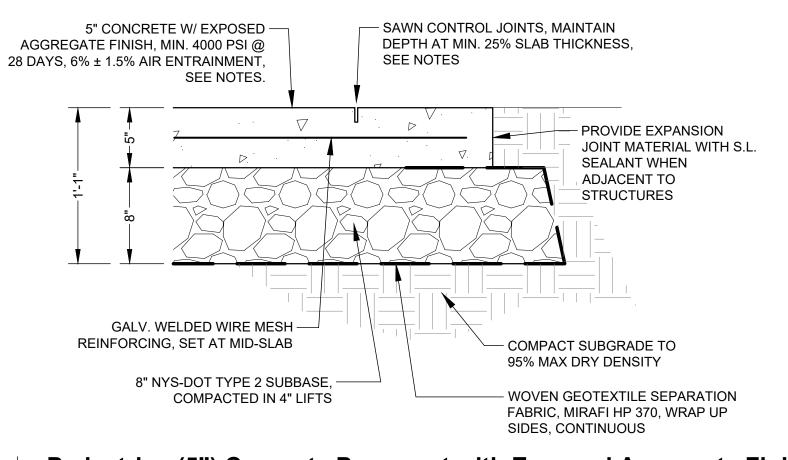
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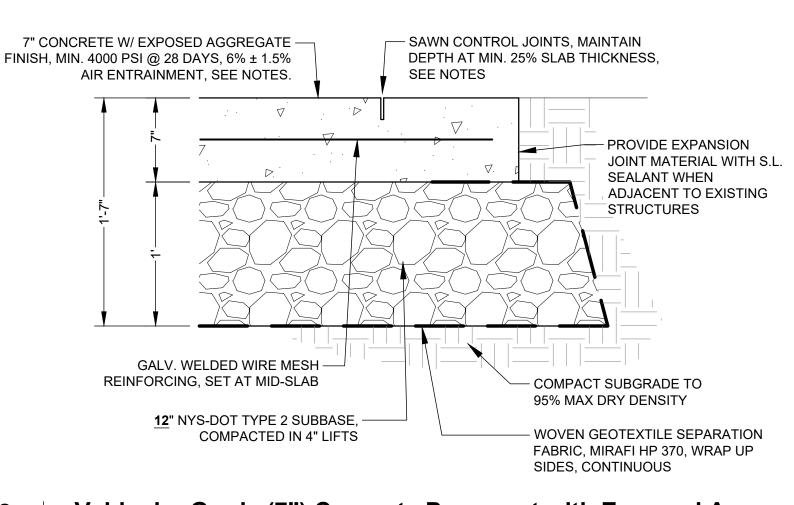
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Lighting and Utilities
Plan



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

L-07

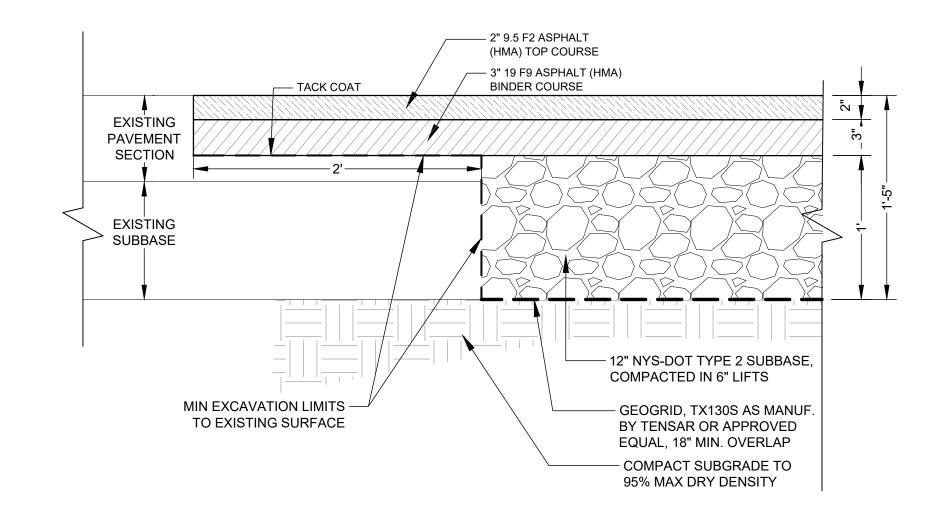


2 Vehicular Grade (7") Concrete Pavement with Exposed Aggregate Finish - Detail

L-07 NTS

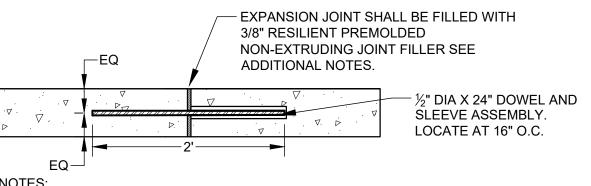
CONCRETE NOTES:

- SUBMIT MIX DESIGN AND MATERIALS DATA FOR ALL PRODUCTS REQUIRED TO PERFORM THE WORK TO LANDSCAPE ARCHITECT FOR REVIEW.
- 2. 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 TEMPORARYILY DELAYING THE FINAL HARDENING OF A CONCRETE
- TO A DEPTH OF 1/8 TO 1/4 INCH. 2.2.1. PRODUCT: DAYTON SUPERIOR CORPORATION; TOP CAST GRADE 25, OR APPROVED EQUAL.
- 3. FINISHED CONCRETE TO BE SEALED WITH EUCLID CHEMICAL DIAMOND CLEAR VOX OR EQUAL
- 4. 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.
- 7. 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.



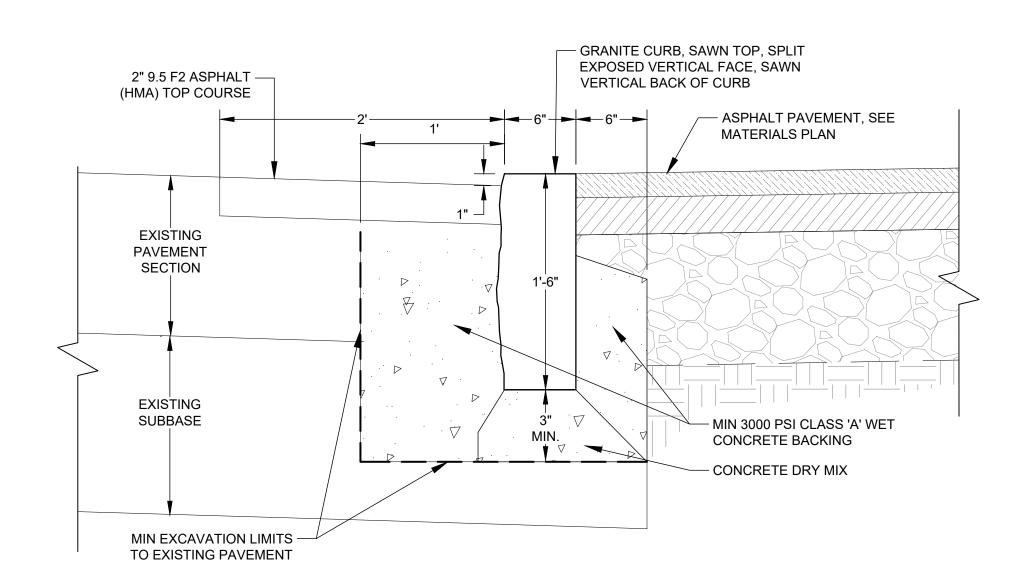
Asphalt Pavement - Detail

L-07



- 1. 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.
- 2. EXPANSION JOINTS SHALL BE PLACED 1 PER 30 LF OF CONCRETE, OR AS INDICATED ON THE LAYOUT PLAN.

Expansion Joint - Detail



FLUSH -RECEIVER 1/4" ABOVE FG GRANITE AND PITCH CONCRETE CURB TO DRAIN AWAY FORM TOP AND SMOOTH FOR CLEAN ABUTMENT TO NEW ASPHALT ASPHALT — PAVEMENT - ASPHALT PAVEMENT, SEE DETAIL 3000 PSI (@ 28-DAYS) CONCRETE FOUNDATION - EMBED RECEIVER **BOTTOM MIN 3" IN** DRAINAGE STONE - CLEAN WASHED NO 1 DRAINAGE STONE

- RETRACTABLE

BOLLARD, SEE NOTES

- SET TOP EDGE OF

BOLLARDS NOTES:

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

2' SQUARE

MODEL: R-8471-RA (LOCKABLE IN RAISED/KEY TO LOWER) MATERIAL: STAINLESS STEEL 316

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

Retractable Bollard - Detail

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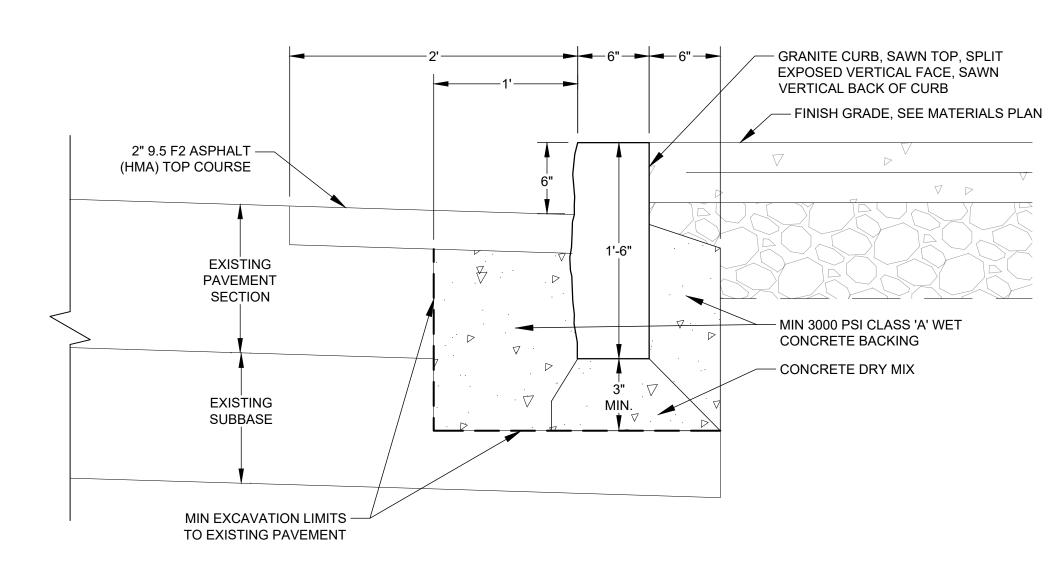
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Details

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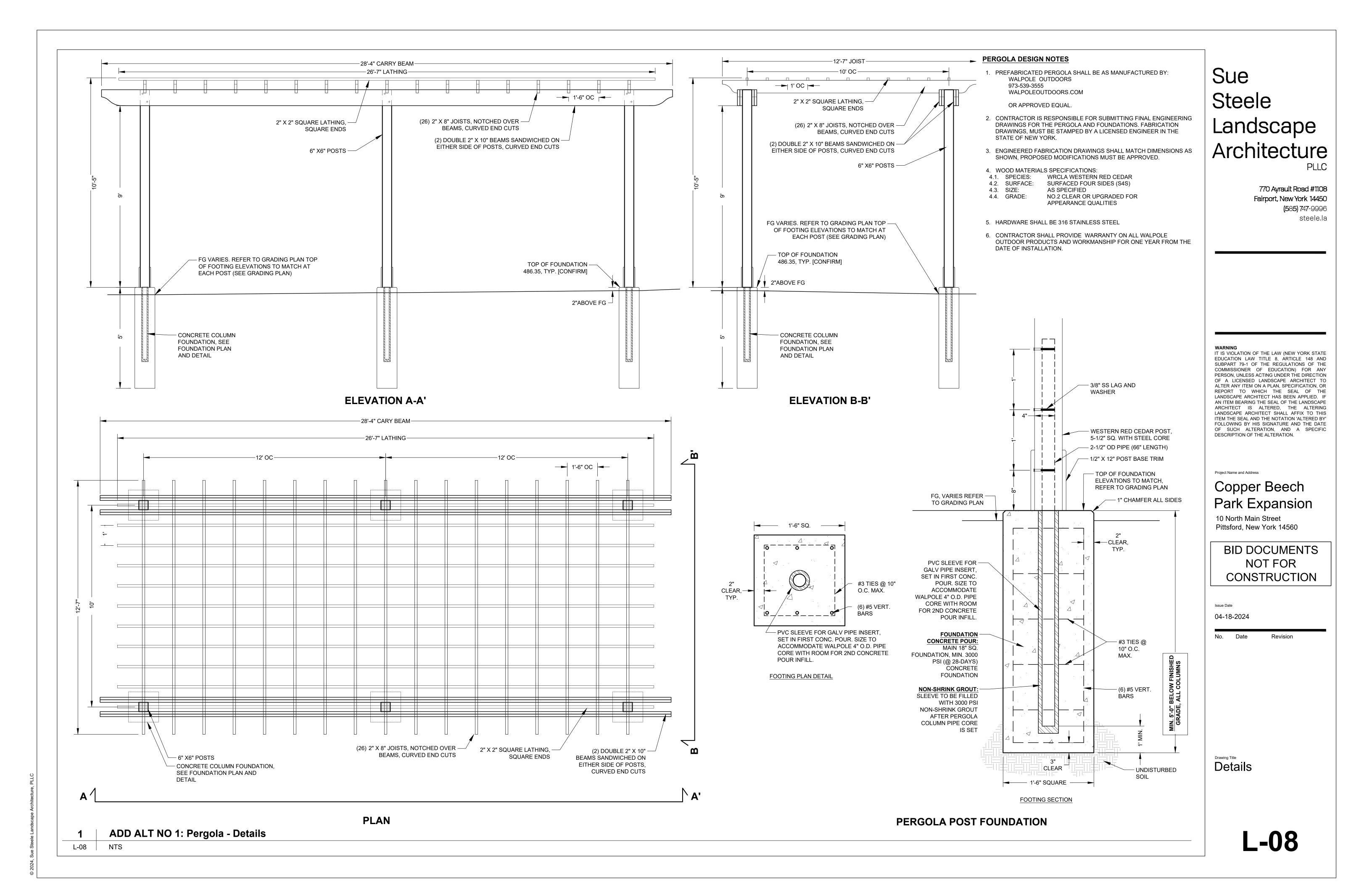


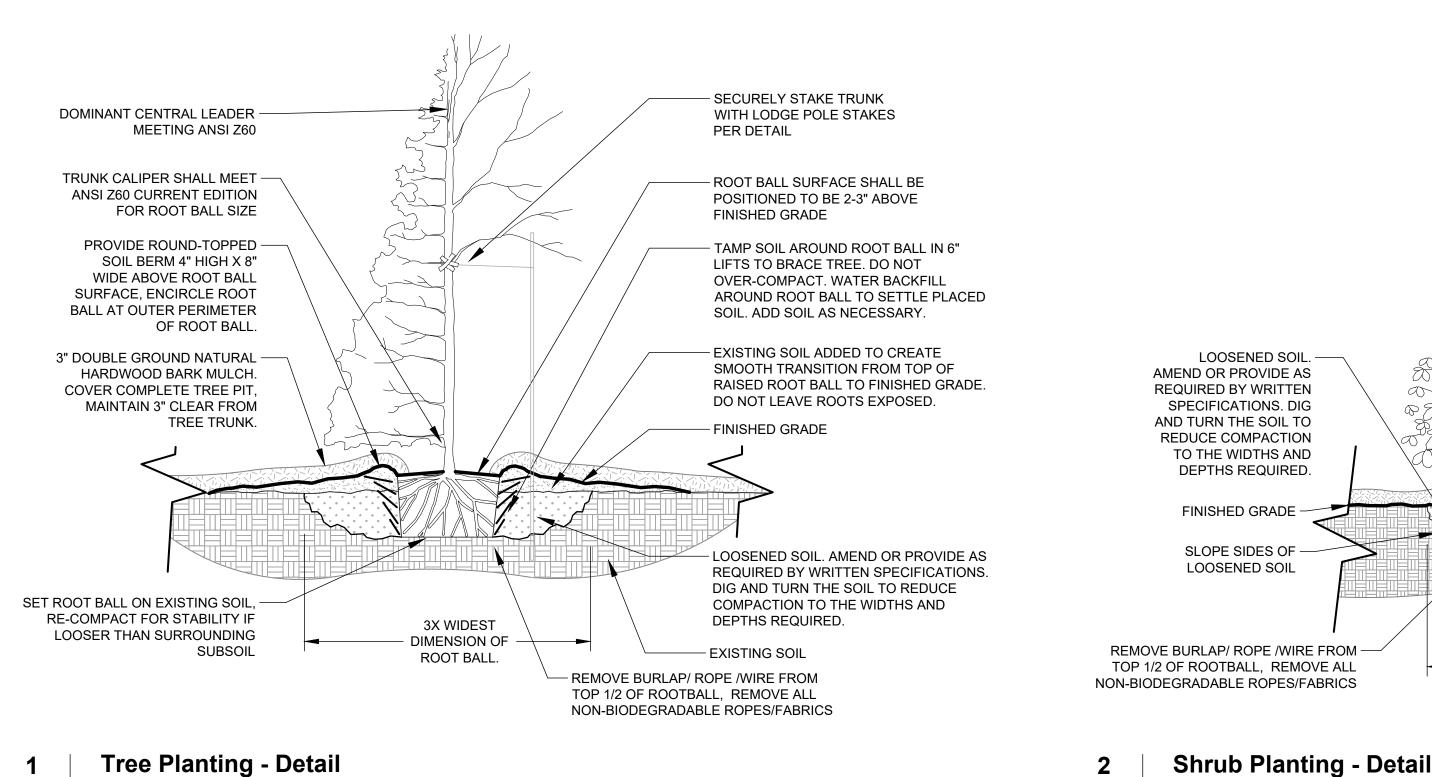
Granite Curb with Reveal - Detail L-07 NTS

Flush Granite Curb - Detail

L-07 NTS

L-07 NTS





- PROVIDE ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE ABOVE ROOT BALL LOOSENED SOIL. SURFACE, ENCIRCLE ROOT AMEND OR PROVIDE AS BALL AT OUTER PERIMETER REQUIRED BY WRITTEN OF ROOT BALL. SPECIFICATIONS. DIG 3" DOUBLE GROUND NATURAL AND TURN THE SOIL TO HARDWOOD BARK MULCH. REDUCE COMPACTION COVER COMPLETE PLANTING TO THE WIDTHS AND PIT / AREA, MAINTAIN 3" CLEAR DEPTHS REQUIRED. FROM SHRUB STEMS. FINISHED GRADE -- TAMP SOIL AROUND ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER-COMPACT. WATER BACKFILL SLOPE SIDES OF AROUND ROOT BALL TO SETTLE LOOSENED SOIL PLACED SOIL. ADD SOIL AS NECESSARY. 3X WIDEST - EXISTING SOIL DIMENSION OF REMOVE BURLAP/ ROPE /WIRE FROM SET ROOT BALL ON EXISTING **ROOT BALL** TOP 1/2 OF ROOTBALL, REMOVE ALL SOIL, RE-COMPACT FOR (INCLUDING

CONTAINER

MATERIAL)

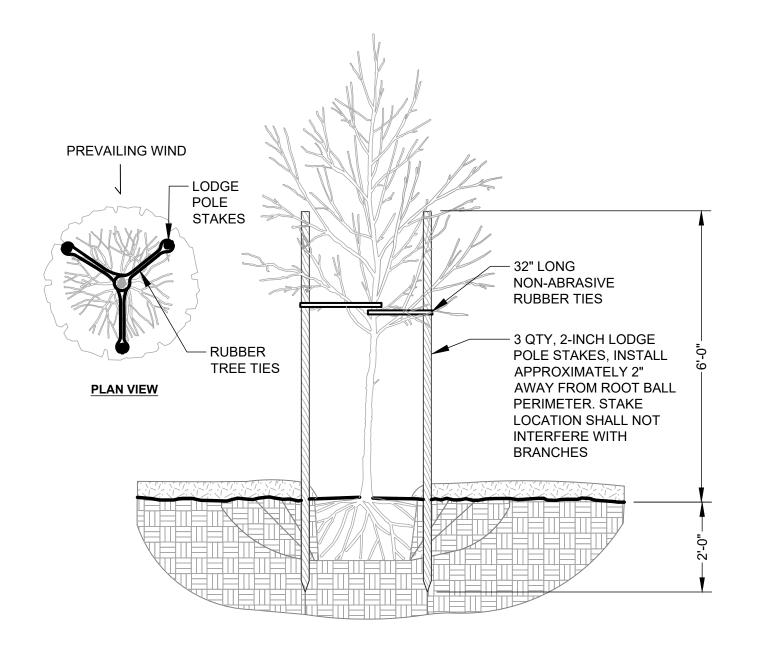
1 Tree Planting - Detail
L-09 NTS

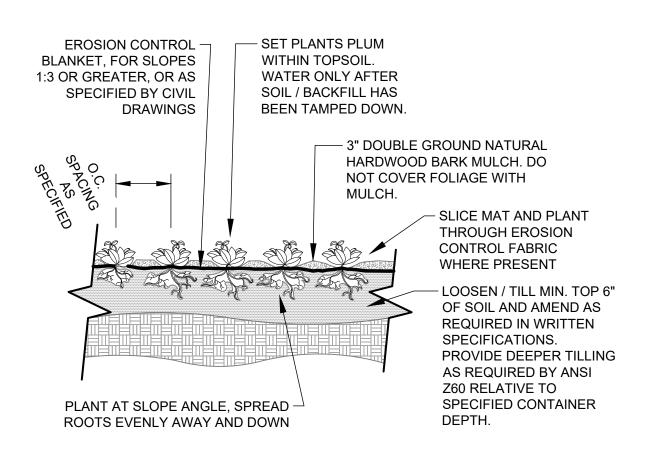
Tree Staking - Detail

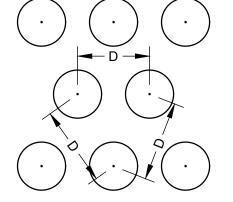
L-09

NTS

L-09 NTS







L-09 NTS

STABILITY IF LOOSER THAN

SURROUNDING SUBSOIL

D = DIMENSION OF SPECIFIED ON-CENTER (O.C.) PLANT SPACING

APPLIES TO ALL TREES, SHRUBS, AND PLUGS (UNLESS OTHERWISE NOTED)

WHEN UNSPECIFIED, LOCATE AND SPACE AT PER PLAN DRAWING

4 Container Planting - Detail
L-09 NTS

5 Plant Spacing Layout - Detail

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