



Granite Quarry NC - 2024 Civic Park Improvement- Parking Areas

NOTICE TO BIDDERS

Bids, subject to the conditions made a part hereof, will be received at the Town of Granite Quarry, PO Box 351, Granite Quarry, NC 28072 until **5:00 P.M. Friday July 19, 2024**, or delivery to Town of Granite Quarry at 143 North Salisbury Avenue, Granite Quarry, Attn: **Jason Hord**. The bid envelope must be sealed and marked “**2024 Civic Park Improvement -Parking Areas**”. This bid is in the informal range and will **NOT** be a public bid opening. Contract award will be considered by the Town Council at the August 8, 2024, meeting which starts at 6:00PM.

Bids submitted via email or facsimile (FAX) machine in response to this Invitation for Bids **will not** be acceptable. Bids are subject to rejection unless submitted on this form.

EXECUTION

In compliance with this Invitation for Bids, and subject to all the conditions herein, the undersigned offers and agrees to furnish and deliver any or all items upon which prices are bid, at the prices set opposite each item within the time specified herein. By executing this bid, I certify that this bid is submitted competitively and without collusion (G.S. 143-54). **Failure to execute/sign bid prior to submittal shall render bid invalid. Late bids are not acceptable.**

Company Name

Signature

Address

Signature (typed or printed)

City State Zip

Date

E-mail

Telephone

FAX

NC General Contractor License Number

Class

ACCEPTANCE AND REJECTION: The Town of Granite Quarry reserves the right to reject any and all bids, to waive any informality in bids, and unless otherwise specified by the bidder, to accept any item in the bid. If an error occurs in the unit price or extended price, then unit price will prevail.

During the term of the contract, the bidder at its sole cost and expense shall provide commercial insurance of such type and with such terms and limits as may be reasonably associated with the contract. As a minimum, the bidder shall provide and maintain the following coverage and limits:

A. Worker's Compensation - The bidder shall provide and maintain Worker's Compensation Insurance, as required by the laws of North Carolina, as well as employer's liability coverage with minimum limits of \$1,000,000.00 for bodily injury per accident. This insurance shall cover all bidders' employees who are engaged in any work under the contract. If any work is sublet, the bidder shall require the subcontractor to provide the same coverage for any of his employees engaged in any work under the contract.

B. General Liability - General Liability Coverage with a minimum limit of \$1,000,000.00 per occurrence for bodily injury, personal injury, and property damage. General aggregate limit shall apply separately to each project/location and limit shall not be less than the required occurrence limit. (Defense cost shall be more than the limit of liability.)

C. Automobile - Automobile Liability Insurance, to include liability coverage, covering all owned, hired, and non-owned vehicles, used in connection with the contract. The minimum combined single limit shall be \$1,000,000.00 bodily injury and property damage.

D. Existing Utilities: The contractor should be aware of existing utilities in and adjacent to the project area. All manholes, catch basins, water valve boxes, etc. shall be adjusted to meet the new grade of the parking area.

H. Traffic Control: All work is proposed to take place on N. Oak St and W. Church St. and proper traffic control and signage measures should be provided during construction. All costs associated with traffic control are considered incidental to the project.

F. Technical Specifications: All materials and standards shall meet NCDOT standards unless otherwise noted or approved by the Owner prior to construction.

G. Liquidated Damages: The date of completion for the project is October 4, 2024. The Owner may access liquidated damages in the amount of \$200 per day for every day work has not been completed by the contract completion date. In the event this date does not work for the accepted bidder, arrangements can be made for a project extension due to prior scheduled events in the affected area.

H. Erosion Control Maintenance: The Contractor will be responsible for the maintenance of all erosion control measures for the entire duration of the project. All costs associated with erosion control maintenance are considered incidental to the project.

F. Traffic Control: The project involves town streets and public right of way. Proper traffic control is required while the project is being conducted. Also, coordination with the Town so that residents can be informed of work areas via various social media

The Town of Granite Quarry reserves the right to reject any landscaping material that is damaged or is unsuitable.

All questions about the project must be submitted to the Public Works Director in coordination with Stewart no later than Thursday, July 17, 2024, at 5:00 PM. Questions received after this date and time may not be addressed prior to the bid date. An electronic PDF of the project plans is available by emailing – jhord@granitequarrync.gov

Project will be available starting August 12, 2024, and to be completed by October 4, 2024 unless otherwise agreed upon.

GENERAL NOTES:

- 1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE OFFICE OF STATE CONSTRUCTION... 2. EXISTING SURVEY INFORMATION INCLUDING TOPOGRAPHIC INFORMATION PROVIDED BY STEWART... 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING, COORDINATING AND PAYMENT FOR ALL NECESSARY LOCATING SERVICES... 4. ALL SUB-SURFACE UTILITIES IDENTIFIED ON THE CONSTRUCTION DOCUMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATION... 5. EXISTING IMPROVEMENTS DAMAGED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED OR REPLACED TO ORIGINAL CONDITION... 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COORDINATING PERMITS, INSPECTIONS, CERTIFICATIONS AND OTHER REQUIREMENTS WHICH MUST BE MET UNDER THIS CONTRACT... 7. THE CONTRACTOR SHALL MAINTAIN 'AS-BUILT' DRAWINGS TO RECORD THE ACTUAL LOCATION OF ALL PIPING PRIOR TO CONCEALMENT... 8. IF DEPARTURES FROM THE PROJECT DRAWINGS OR SPECIFICATIONS ARE DEEMED NECESSARY BY THE CONTRACTOR... 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY EXISTING UTILITY LINES REQUIRED TO COMPLETE ANY PORTION OF CONSTRUCTION... 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH CAUSED BY THE CONTRACTOR... 11. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND/OR METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS... 12. ROADWAYS (TEMPORARY OR PERMANENT) MUST BE CAPABLE OF SUPPORTING FIRE FIGHTING APPARATUS (85,000 LBS) DURING ALL PHASES OF CONSTRUCTION ONCE VERTICAL CONSTRUCTION HAS BEGUN.

EXISTING CONDITION NOTES:

- 1. THIS SURVEY MAP IS INTENDED TO REPRESENT THE EXISTING CONDITIONS/TOPOGRAPHY ON A PORTION OF THE PROPERTY AND ALL ENCUMBRANCES UPON THE PROPERTY MAY NOT BE SHOWN... 2. HORIZONTAL DATUM IS NAD 83-2011 AND VERTICAL DATUM IS NAVD 88... 3. THIS DRAWING DOES NOT CONFORM TO N.C. GS47-30 AND THEREFORE IS NOT FOR RECORDATION... 4. SURVEY INFORMATION BASED ON FIELD SURVEY BY STEWART COMPLETED ON JULY 7, 2023... 5. TREES SHOWN HEREON MAY NOT REPRESENT ALL VEGETATION ON THE SUBJECT PROPERTY... 6. THE SUBJECT PROPERTY LIES IN ZONES X NO SHADE AND NO SCREEN (AREA OF MINIMAL FLOOD HAZARD), BASED ON THE FLOOD INSURANCE RATE MAP COMMUNITY MAP NUMBER 3710566800 DATED JUNE 16, 2009... 7. NO WETLANDS HAVE BEEN IDENTIFIED WITHIN THE PROJECT OR PARCEL SHOWN.

DEMOLITION NOTES:

- 1. REFER TO SHEET L0.10 FOR GENERAL NOTES... 2. THE CONTRACTOR SHALL REMOVE CONCRETE (WHERE REQUIRED) TO THE FIRST COLD JOINT OR SAW CUT TO OBTAIN A CLEAN EDGE... 3. THE CONTRACTOR SHALL SAWCUT EXISTING ASPHALT (WHERE REQUIRED) TO OBTAIN A CLEAN EDGE... 4. CLEANOUTS AND WATER VALVES LOCATED IN AREAS OF DEMOLITION OR SUBSEQUENT CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND RAISED TO BE FLUSH WITH NEW GRADE... 5. ANY UTILITY SERVICES SHOWN TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY PROVIDER... 6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES PRIOR TO BEGINNING DEMOLITION OPERATIONS... 7. CLEAN SOILS SHALL BE UTILIZED FOR BACKFILL... 8. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE REMOVED COMPLETELY... 9. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF LEGALLY OFF-SITE... 10. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL JURISDICTIONAL CODES... 11. TREE PROTECTION FENCING SHALL BE IN PLACE PRIOR TO BEGINNING DEMOLITION... 12. EROSION CONTROL PERMIT SHALL BE OBTAINED AND ONSITE PRIOR TO BEGINNING DEMOLITION... 13. ITEMS DESIGNATED TO BE SALVAGED AND/OR RE-USED SHALL BE REMOVED BY THE CONTRACTOR... 14. DEMOLITION AND SUBSEQUENT CONSTRUCTION OF STORM DRAINAGE PIPING SHALL BE PERFORMED IN SUCH A MANNER THAT THE OLD PIPE AND STRUCTURES REMOVED DO NOT IMPACT DRAINAGE UPSTREAM... 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGES TO THE EXISTING DRIVEWAY, PARKING LOT, SIDEWALK AND CURB AND GUTTER AS A RESULT OF CONSTRUCTION ACTIVITY... 16. ALL MATERIALS, UTILITIES, AND PAVEMENT THAT ARE NOT SCHEDULED TO BE DEMOLISHED AND ARE DAMAGED BY THE CONTRACTOR AS A RESULT OF THE DEMOLITION OR CONSTRUCTION OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER... 17. CONTRACTOR SHALL PROVIDE PEDESTRIAN INGRESS / EGRESS TO ALL PARKING LOTS, AND PATHS OF PEDESTRIAN TRAVEL THROUGHOUT THE CONSTRUCTION PERIOD

SITE NOTES:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE CONSTRUCTION LAYDOWN AREA, PERIMETER FENCE, AND ASSOCIATED GATES... 2. THE CONTRACTOR SHALL REFERENCE THE DESIGN PLANS FOR DIMENSIONS AND JOINT LOCATIONS... 3. ALL CONSTRUCTION TRAFFIC SHALL ENTER SITE FROM NORTH OAK STREET... 4. ALL DIMENSIONS ARE IN DECIMAL FEET TO CENTERLINES, AND/OR FACE OF CURB... 5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATES AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE... 6. ALL WRITTEN DIMENSIONS SHALL PREVAIL... 7. ALL UTILITIES WITH SURFACE ACCESS SHALL BE LOCATED WITHIN THE PAVING PATTERN... 8. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED... 9. ALIGN ALL JOINTS, CORNERS, AND EDGES AS SHOWN... 10. CONTRACTOR SHALL REFER TO AND COORDINATE WITH ENGINEER AND LANDSCAPE ARCHITECT DRAWINGS AT ALL TIMES PRIOR TO AND DURING CONSTRUCTION... 11. ALL CURB TAPERS ARE SIX (6'-6") FEET LONG UNLESS OTHERWISE SHOWN ON PLAN... 12. WHERE NEW SIDEWALK ADJOINS EXISTING WALK, PROVIDE EXPANSION JOINT BY DRILLING INTO THE FACE OF THE EXISTING WALK... 13. WHERE SIDEWALK OR WALKWAYS ARE ADJACENT TO PARKING SPACES... 14. MAXIMUM RUNNING SLOPE FOR WALKING SURFACES CANNOT BE GREATER THAN 1:20... 15. SIGHT TRIANGLES - NOTHING OVER 30" HIGH SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLES... 16. THE SITE SHALL BE FULLY STABILIZED (90% COVERAGE) PRIOR TO ISSUANCE OF A BUILDING CERTIFICATE OF OCCUPANCY... 17. HANDICAP RAMPS SHALL BE INSTALLED PER THE PLANS AND SPECIFICATIONS... 18. THE TESTING AGENCY SHALL BE RESPONSIBLE FOR PROVIDING THE ASPHALT AND CONTRACTOR CERTIFICATION MEMO TO NCDOT FOR ALL ROADWAY IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY.

GRADING AND STORM DRAINAGE NOTES:

- 1. REFER TO SHEET L0.10 FOR GENERAL NOTES... 2. CONTRACTOR SHALL REPORT ANY GRADE DISCREPANCIES TO THE OWNER'S REPRESENTATIVE... 3. THE MAXIMUM SLOPE ALONG ANY HANDICAP ACCESSIBLE PATHWAY SHALL NOT EXCEED 5.0%... 4. ALL PROPOSED ELEVATIONS SHOWN ARE EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE SPECIFIED... 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL NEWLY CONSTRUCTED STORM DRAINAGE IMPROVEMENTS AND RECEIVING STORM DRAINAGE SYSTEMS REMAIN CLEAN... 6. PRIOR TO ISSUANCE OF A BUILDING CERTIFICATE OF OCCUPANCY... 7. INTERIM GRADING SHALL BE PROVIDED THAT ENSURES THE PROTECTION OF STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES... 8. INTERIM GRADING SHALL BE PROVIDED TO DIRECT WATER AWAY FROM BUILDINGS... 9. MAXIMUM SLOPE ACROSS ANY HANDICAPPED PARKING SPACE AND AISLE SHALL NOT EXCEED 2%... 10. PROPOSED CONTOURS ARE APPROXIMATE... 11. PLACE BACKFILL AND FILL MATERIALS IN LAYER NOT MORE THAN 8 INCHES... 12. CONTRACTOR SHALL ADJUST RIM ELEVATIONS OF EXISTING MANHOLES... 13. CONTRACTOR SHALL SLOPE GRADES TO ASSURE POSITIVE STORMWATER FLOW...

STEWART logo with contact information: 101 N. TRYON ST., #1400 CHARLOTTE, NC 28202 FIRM LICENSE # C-1051 PROJECT # L23017

Client: Town of GRANITE QUARRY logo and address: 143 N. SALISBURY AVENUE GRANITE QUARRY, NC 28146 704-279-5596



Seal: Professional Engineer seal for James R. Baylenger II, License No. 34628, dated 05.15.2024.

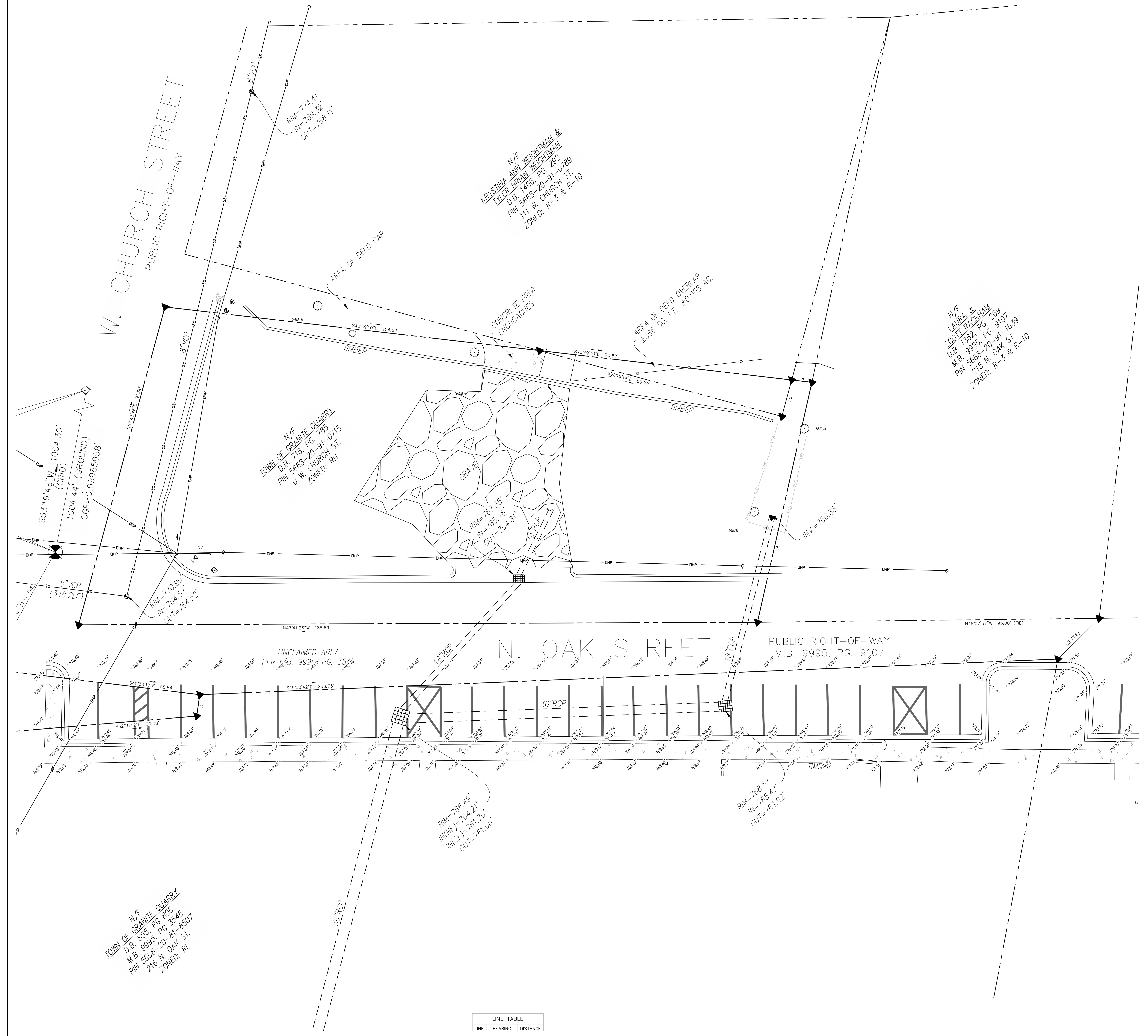
Project: CIVIC PARK IMPROVEMENTS

Issued for: BID PACKAGE

Table with 3 columns: No., Date, Description. Contains multiple rows of empty space for project items.

Title: GENERAL NOTES

Project number: L23017 Sheet #: Issued Date: 05.15.2024 Drawn by: TM Approved by: TD L0.10



LINE TABLE

LINE	BEARING	DISTANCE

NOTES

1. SEE SHEET L0.10 FOR GENERAL AND EXISTING CONDITIONS NOTES.

TREE LEGEND

AO	AMERICAN HOLLY
EV	EASTERN RED CEDAR
LI	CREPE MYRTLE
MG	SOUTHERN MAGNOLIA
PO	EASTERN SYCAMORE
PT	LOBLOLLY PINE
OR	RED OAK
EXAMPLE: 10QR = 10' RED OAK	

SURVEY LEGEND

SYMBOL	DESCRIPTION
	SURVEY CONTROL POINT
	EXISTING IRON PIPE
	EXISTING CONCRETE MONUMENT
	COMPUTED POINT
	STORM DRAIN MANHOLE
	STORM DRAIN CURB INLET
	SANITARY SEWER MANHOLE
	SANITARY SEWER CLEANOUT
	SANITARY FORCEMAIN VALVE
	HYDRANT
	WATER VALVE
	WATER METER
	WATER MANHOLE
	WATER VAULT
	WELL
	GAS VALVE
	GAS METER
	TELEPHONE MANHOLE
	TELEPHONE PEDESTAL
	TV MANHOLE
	TV PEDESTAL
	FIBER OPTIC WITNESS POST
	FIBER OPTIC BOX
	ELECTRIC MANHOLE
	ELECTRIC METER
	ELECTRIC BOX
	UTILITY POLE
	GUY POLE
	GUY WIRE
	LIGHT POLE
	MANHOLE
	TRAFFIC SIGNAL BOX
	TRAFFIC SIGNAL POST
	MONITORING WELL
	BORING LOCATION
	ROLLARD
	SIGN
	FINISHED FLOOR ELEVATION
	DECIDUOUS TREE
	EVERGREEN TREE
	BUSH
	WIRE FENCE
	CHAIN LINK FENCE
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND FIBER OPTIC LINE
	UNDERGROUND GAS LINE
	UNDERGROUND ELECTRIC LINE
	UNDERGROUND WATER LINE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	OVERHEAD WIRES
	UNIDENTIFIED LINE
	UNKNOWN DESTINATION
	CONCRETE SURFACE
	DUCTILE IRON PIPE
	POLYVINYL CHLORIDE PIPE
	HIGH-DENSITY POLYETHYLENE PIPE
	REINFORCED CONCRETE PIPE
	CORRUGATED METAL PIPE
	CATCH BASIN

101 N. TRYON ST. #1400 FIRM LICENSE # C-1051
CHARLOTTE, NC 28202 www.stewartinc.com
T. 704.334.7925 PROJECT # L23017

Client:

TOWN OF GRANITE QUARRY
143 N. SALISBURY AVENUE
GRANITE QUARRY, NC 28146
704-279-5596

Vicinity map:

Seal:

Scale:

SCALE: 1" = 10'

Project:

CIVIC PARK IMPROVEMENTS

Issued for:

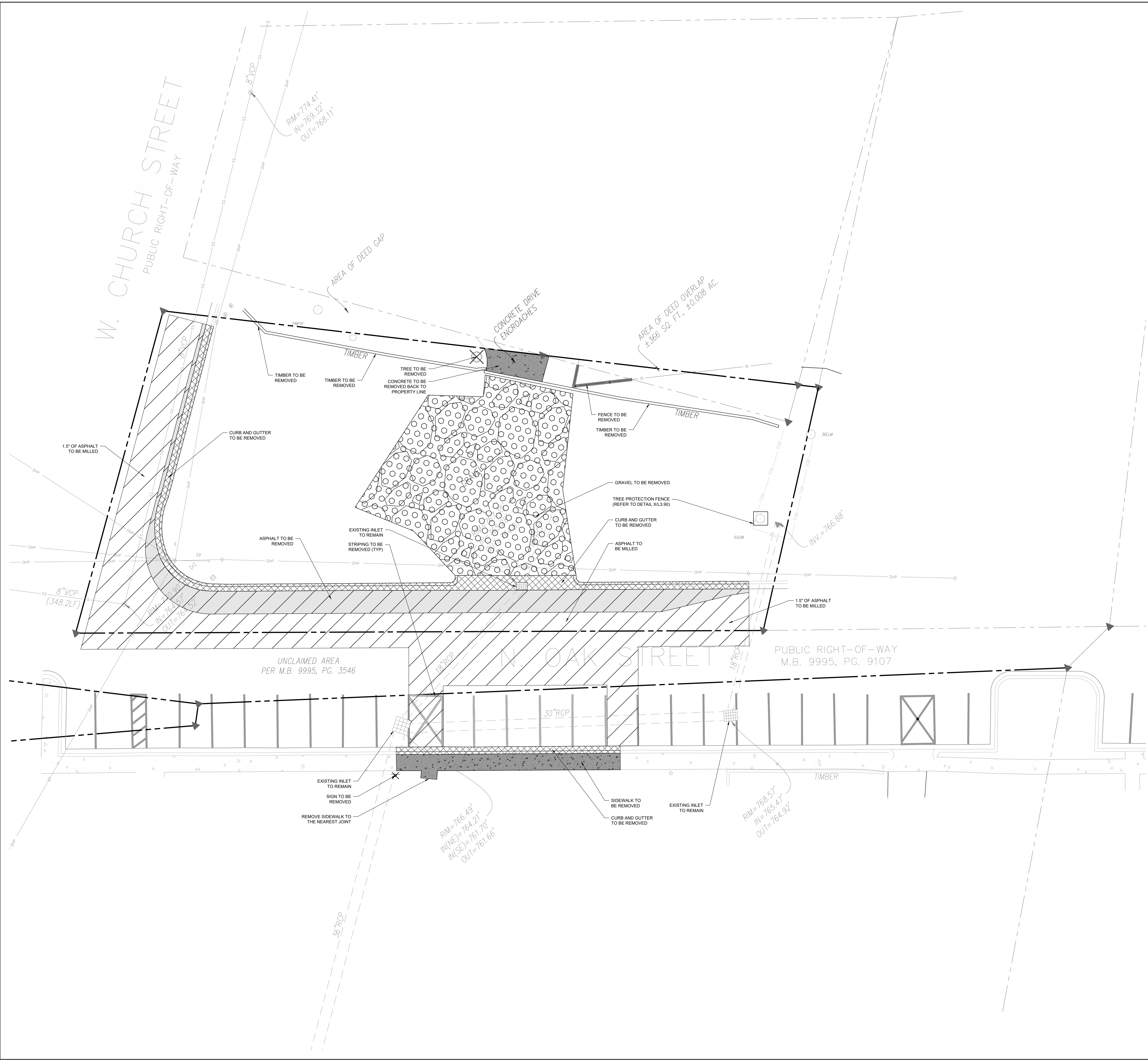
BID PACKAGE

No.	Date	Description

Title:

EXISTING CONDITIONS PLAN

Project number: L23017 Sheet #:
Issued Date: 05.15.2024
Drawn by: TM L1.00
Approved by: TD



NOTES	
1.	SEE SHEET L0.10 FOR GENERAL AND DEMOLITION NOTES.

LINETYPE LEGEND	
SYMBOL	DESCRIPTION
- - - - -	LIMITS OF DISTURBANCE
- - - - -	PROPERTY LINE
- - - - -	EASEMENT
- - - - -	SETBACK
- - - - -	TREE PROTECTION FENCE

DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
[Diagonal hatching]	REMOVE ASPHALT
[Cross-hatching]	1.5" OF ASPHALT TO BE MILLED
[Grid pattern]	REMOVE GRAVEL
[Dotted pattern]	REMOVE CONCRETE
[Stippled pattern]	REMOVE VEGETATION
[X symbol]	REMOVE TREE
[Line with dashes]	REMOVE STRIPING
[Square with X]	REMOVE FENCE
[Curved line]	REMOVE CURB & GUTTER

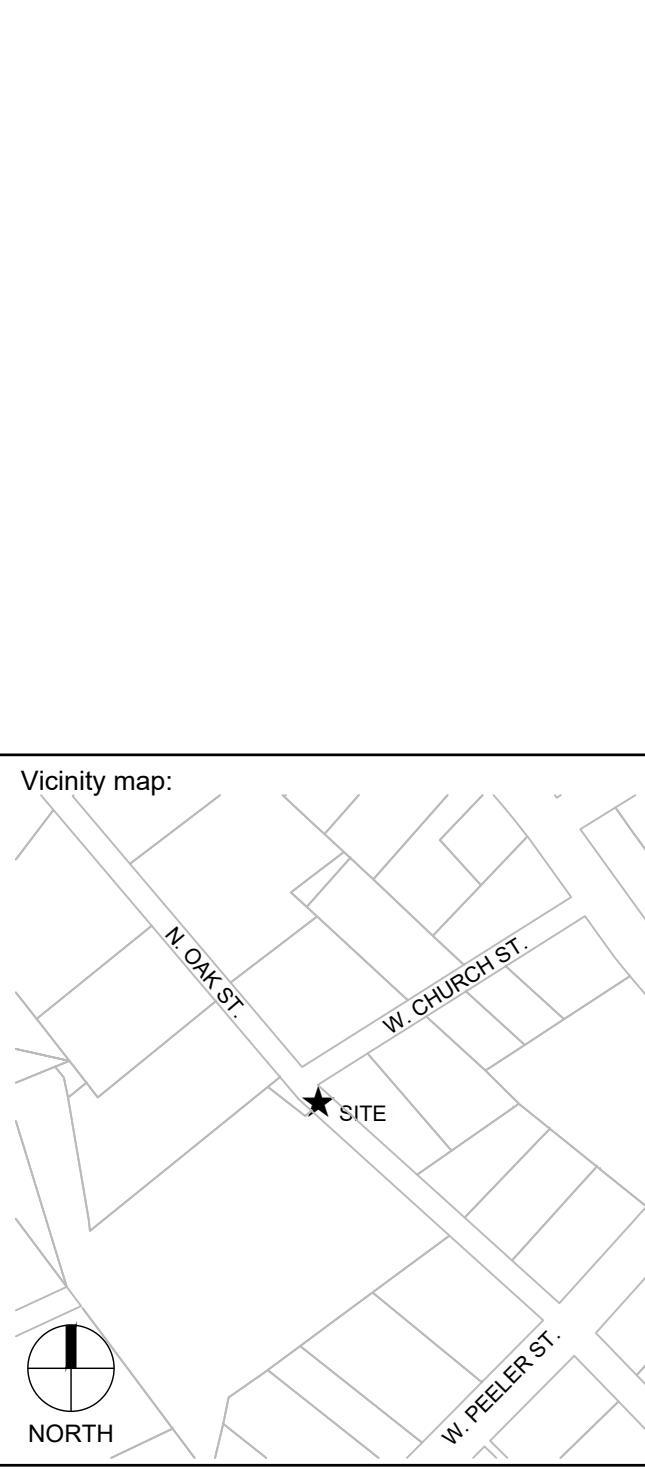
STEWART

101 N. TRYON ST., #1400 FIRM LICENSE # C-1051
 CHARLOTTE, NC 28202 www.stewartinc.com
 T.704.334.7925 PROJECT # L23017

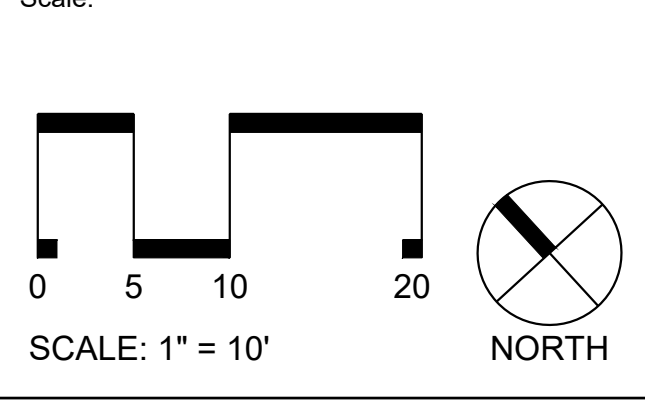
Client:

Town of GRANITE QUARRY
 Be an original town.

TOWN OF GRANITE QUARRY
 143 N. SALISBURY AVENUE
 GRANITE QUARRY, NC 28146
 704-279-9596



Seal:



Project:

CIVIC PARK IMPROVEMENTS

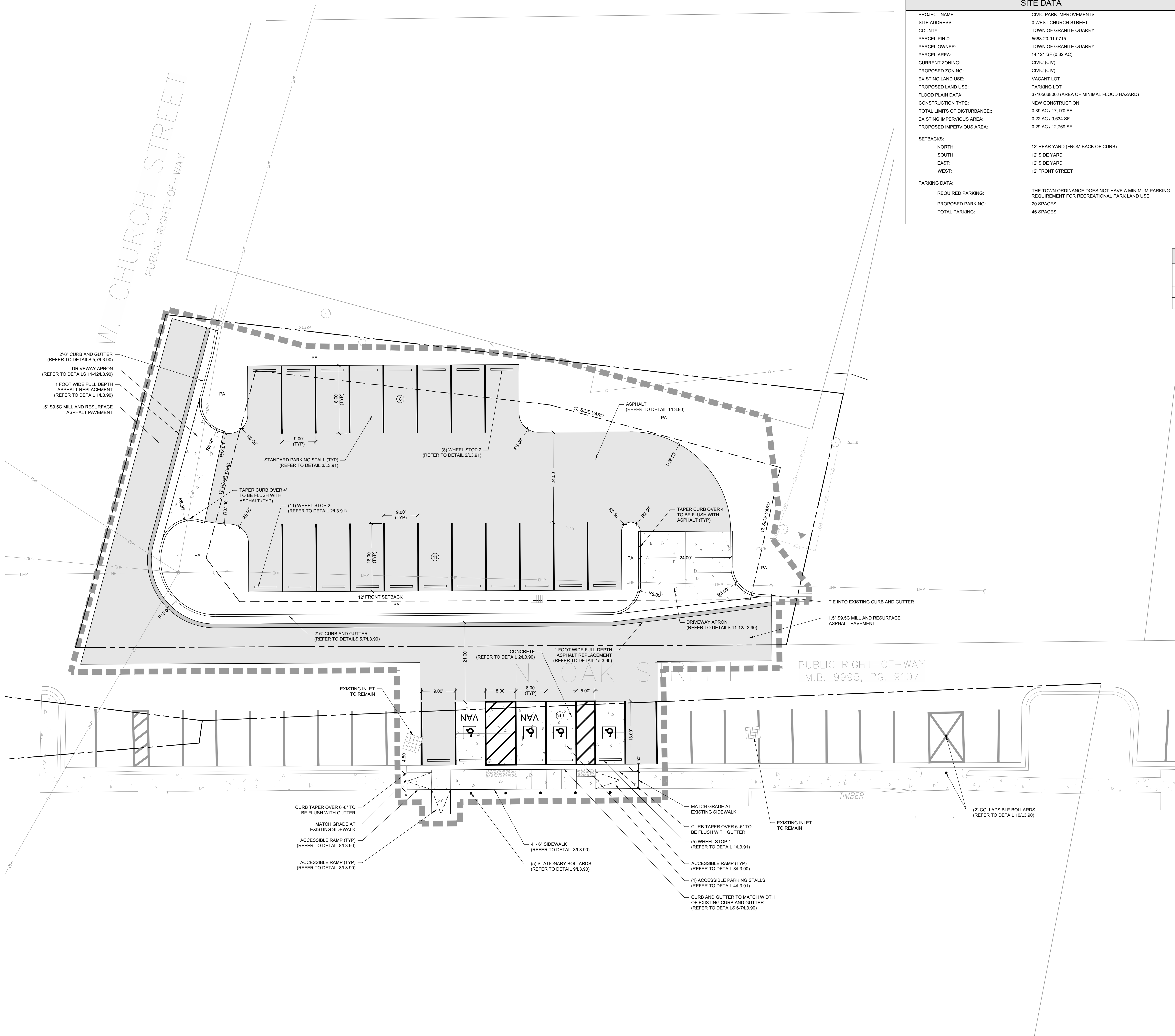
Issued for:

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No.	Date	Description

Title:

DEMOLITION PLAN



SITE DATA

PROJECT NAME:	CIVIC PARK IMPROVEMENTS
SITE ADDRESS:	0 WEST CHURCH STREET
COUNTY:	TOWN OF GRANITE QUARRY
PARCEL PIN #:	5688-20-91-0715
PARCEL OWNER:	TOWN OF GRANITE QUARRY
PARCEL AREA:	14.121 SF (0.32 AC)
CURRENT ZONING:	CIVIC (CIV)
PROPOSED ZONING:	CIVIC (CIV)
EXISTING LAND USE:	VACANT LOT
PROPOSED LAND USE:	PARKING LOT
FLOOD PLAIN DATA:	371056680U (AREA OF MINIMAL FLOOD HAZARD)
CONSTRUCTION TYPE:	NEW CONSTRUCTION
TOTAL LIMITS OF DISTURBANCE:	0.39 AC / 17,170 SF
EXISTING IMPERVIOUS AREA:	0.22 AC / 9,634 SF
PROPOSED IMPERVIOUS AREA:	0.29 AC / 12,769 SF
SETBACKS:	
NORTH:	12' REAR YARD (FROM BACK OF CURB)
SOUTH:	12' SIDE YARD
EAST:	12' SIDE YARD
WEST:	12' FRONT STREET
PARKING DATA:	
REQUIRED PARKING:	THE TOWN ORDINANCE DOES NOT HAVE A MINIMUM PARKING REQUIREMENT FOR RECREATIONAL PARK LAND USE
PROPOSED PARKING:	20 SPACES
TOTAL PARKING:	46 SPACES

NOTES

- SEE SHEET L0.10 FOR GENERAL AND SITE NOTES.

LINETYPE LEGEND

SYMBOL	DESCRIPTION
-----	LIMITS OF DISTURBANCE
-----	PROPERTY LINE
-----	EASEMENT
-----	SETBACK
-----	TREE PROTECTION FENCE

SITE LEGEND

SYMBOL	DESCRIPTION
[Hatched Pattern]	HEAVY DUTY ASPHALT
[Stippled Pattern]	LIGHT DUTY ASPHALT
[Dotted Pattern]	LIGHT DUTY CONCRETE
[Cross-hatched Pattern]	TRUNCATED DOME PAVING
PA	PLANTING AREA

ADJACENT ZONING

NORTH:	RMST (RESIDENTIAL MAIN STREET TRANSITION)
SOUTH:	RMST (RESIDENTIAL MAIN STREET TRANSITION)
EAST:	RMST (RESIDENTIAL MAIN STREET TRANSITION)
WEST:	CIV (CIVIC)

STEWART

101 N. TRYON ST., #1400
CHARLOTTE, NC 28202
T. 704.334.7925

FIRM LICENSE # C-1051
www.stewartinc.com
PROJECT # L23017

Client:

TOWN OF GRANITE QUARRY
143 N. SALISBURY AVENUE
GRANITE QUARRY, NC 28146
704-279-5596



Seal:

05.15.2024

Scale:

SCALE: 1" = 10'

NORTH

Project:

CIVIC PARK IMPROVEMENTS

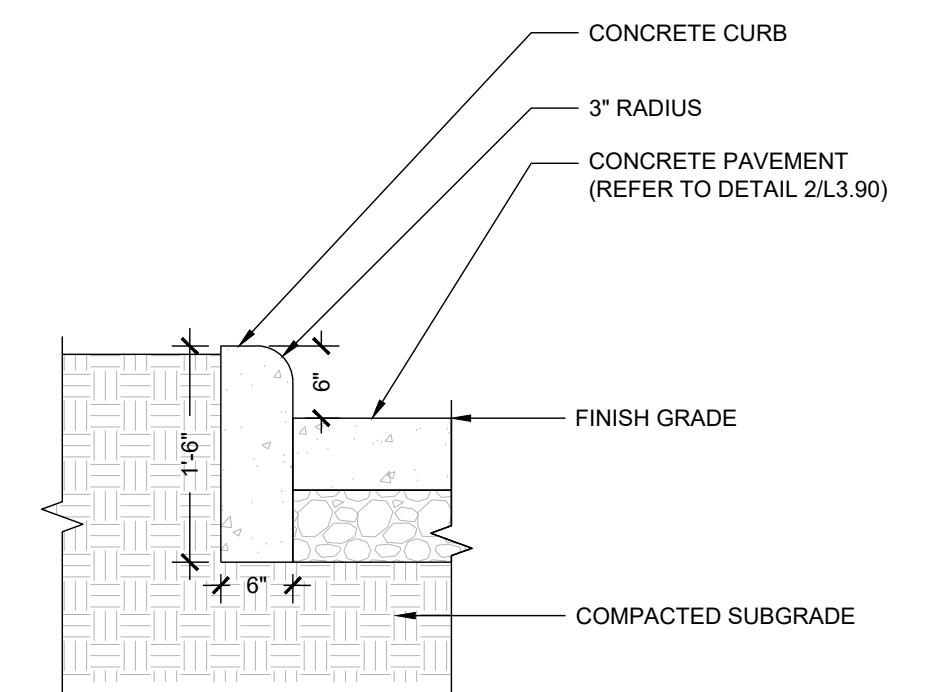
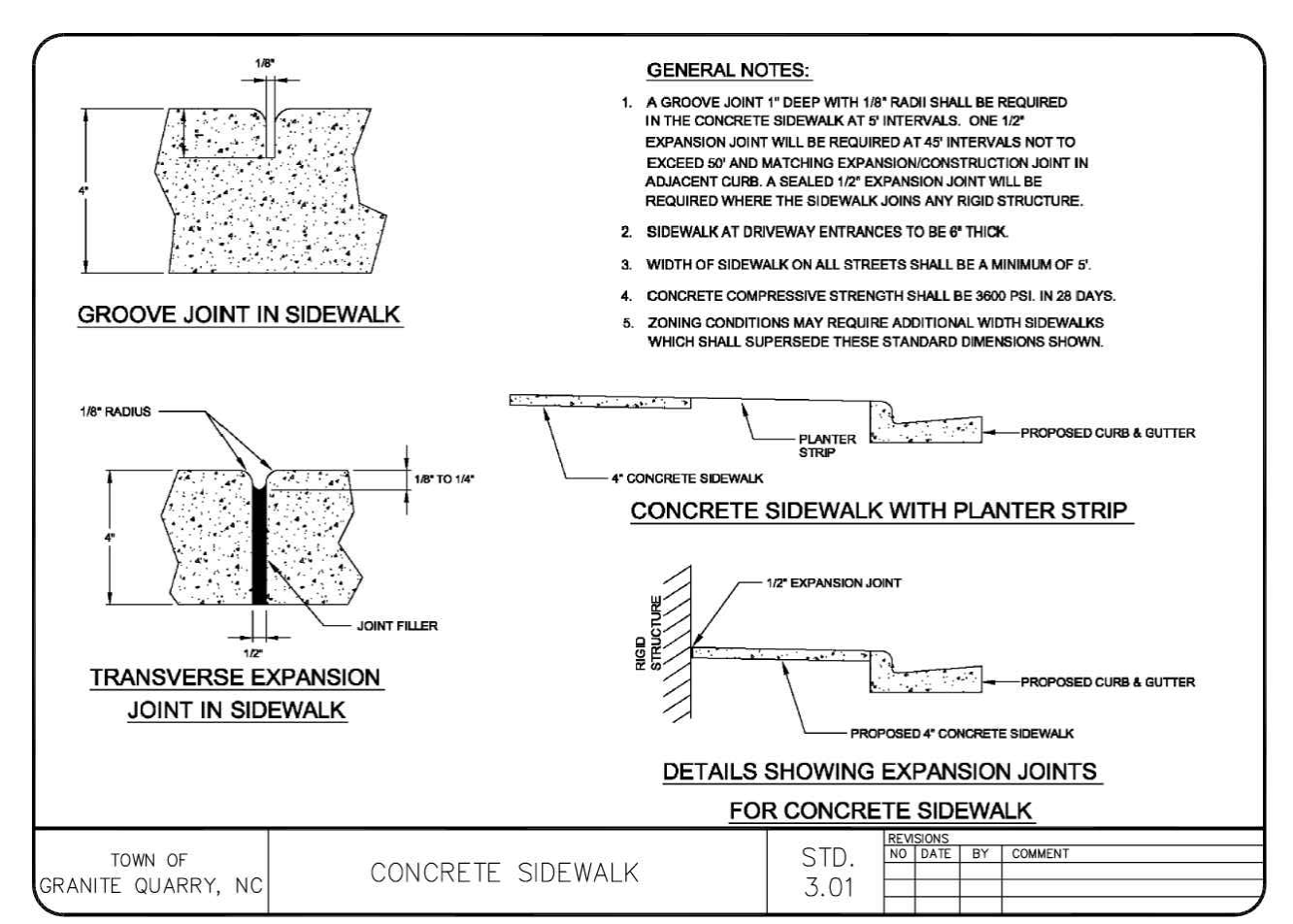
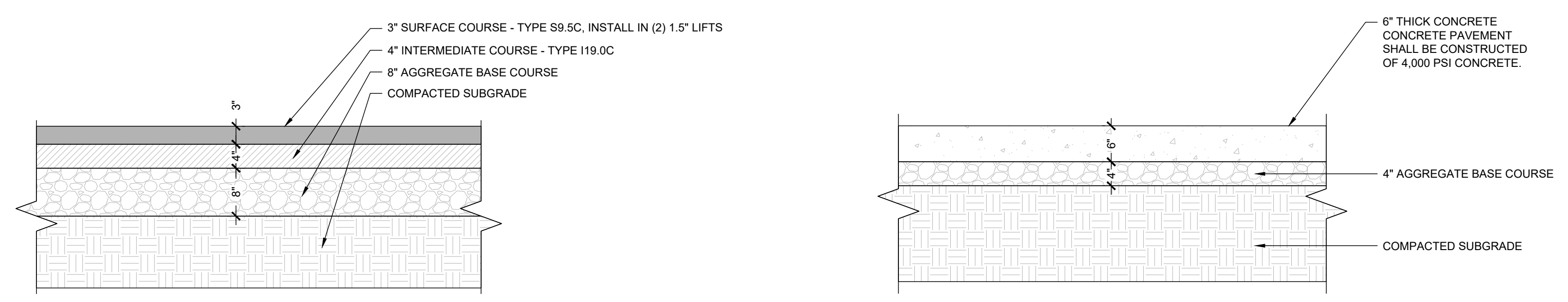
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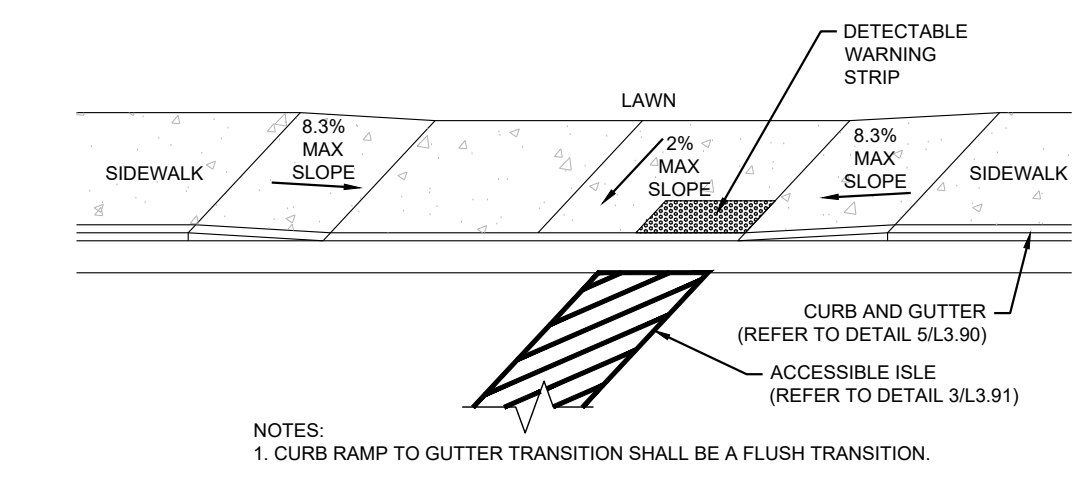
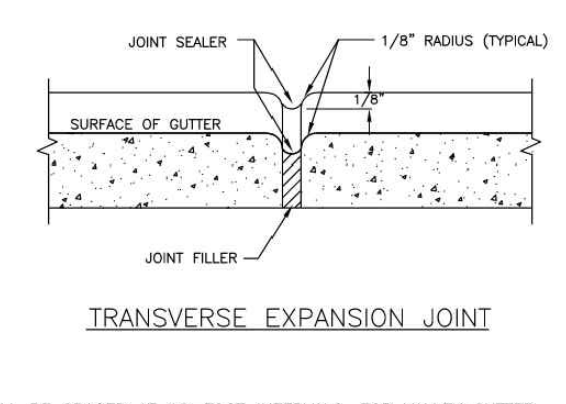
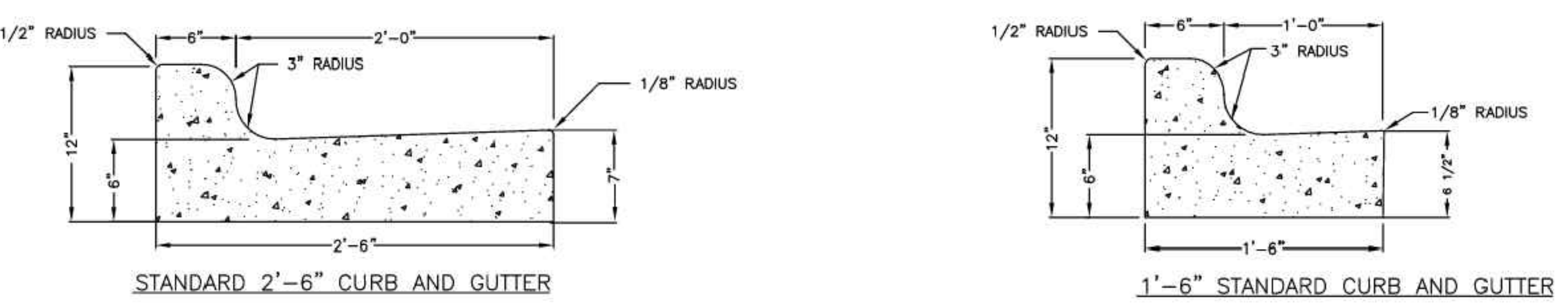
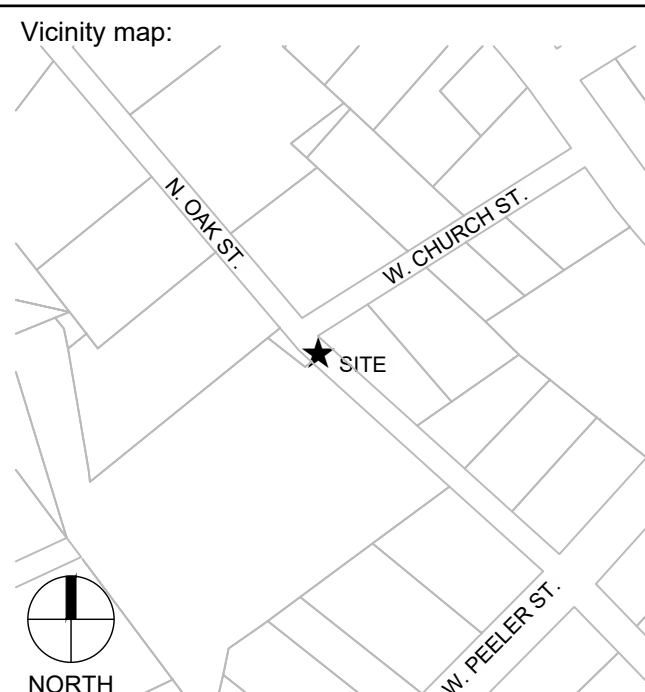
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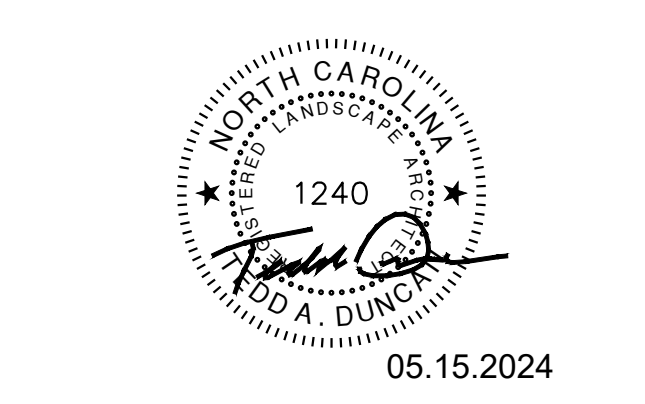
SITE PLAN



1 ASPHALT PAVEMENT SECTION NTS **2 CONCRETE PAVEMENT SECTION** NTS **3 CONCRETE SIDEWALK SECTION** NTS **4 VERTICAL CURB SECTION** NTS



5 2'-6" CURB AND GUTTER NTS **6 1'-6" CURB AND GUTTER** NTS **7 CURB AND GUTTER NOTES** NTS **8 ACCESSIBLE RAMP** 1" = 1'-0"



Scale: AS NOTED

CIVIC PARK IMPROVEMENTS

BID PACKAGE

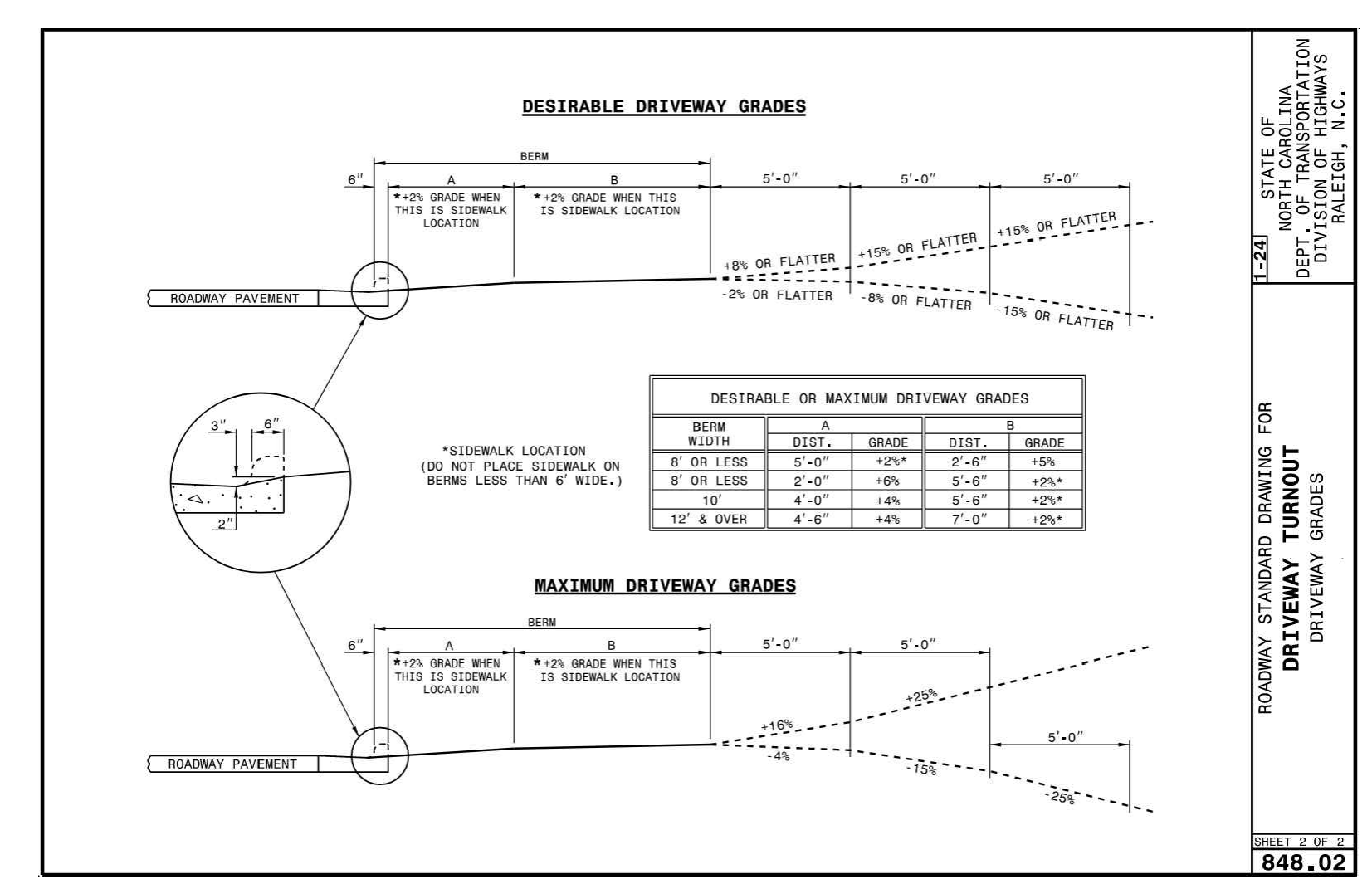
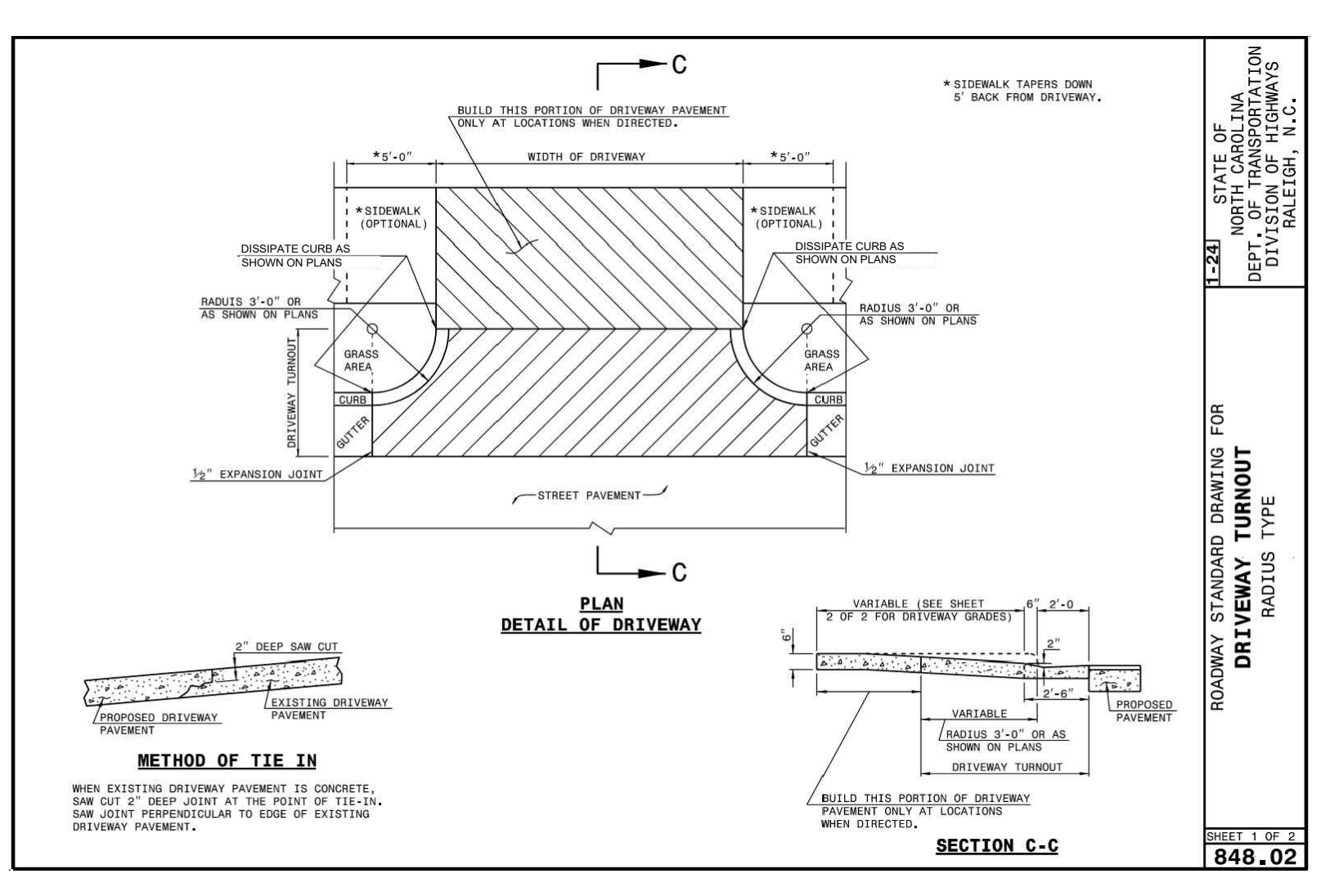
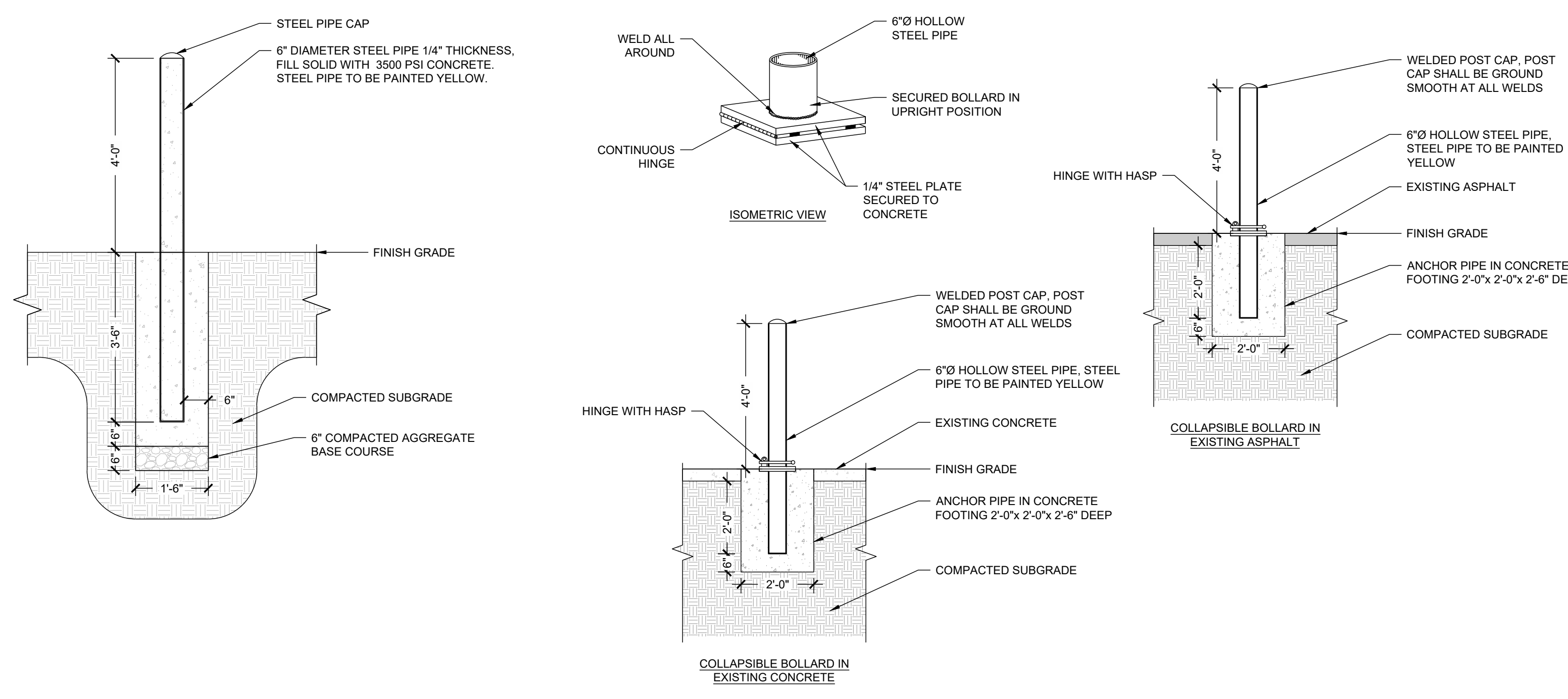
Table with columns: No., Date, Description.

SITE DETAILS

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Issued Date: 05.15.2024
Drawn by: TM
Approved by: TD

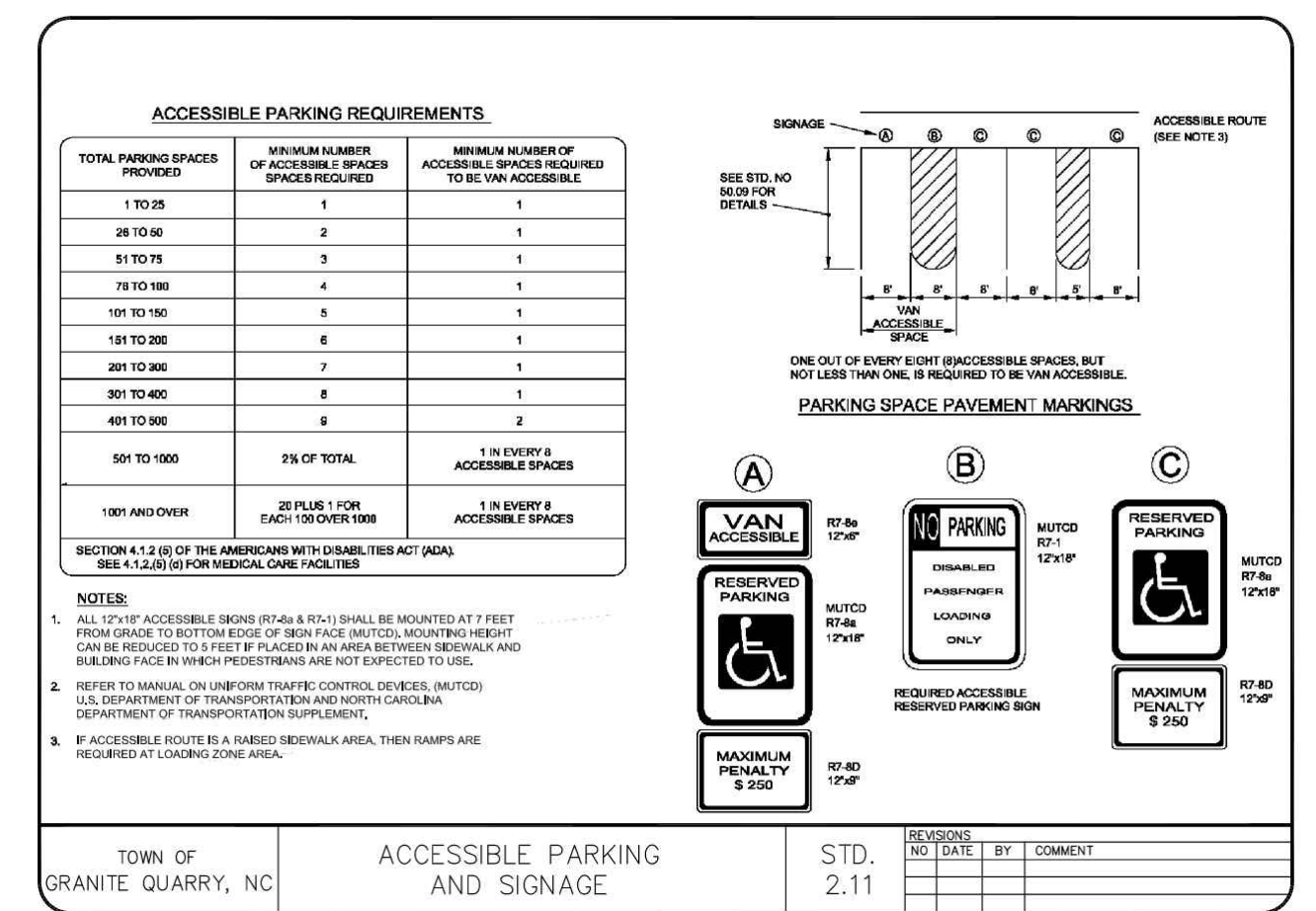
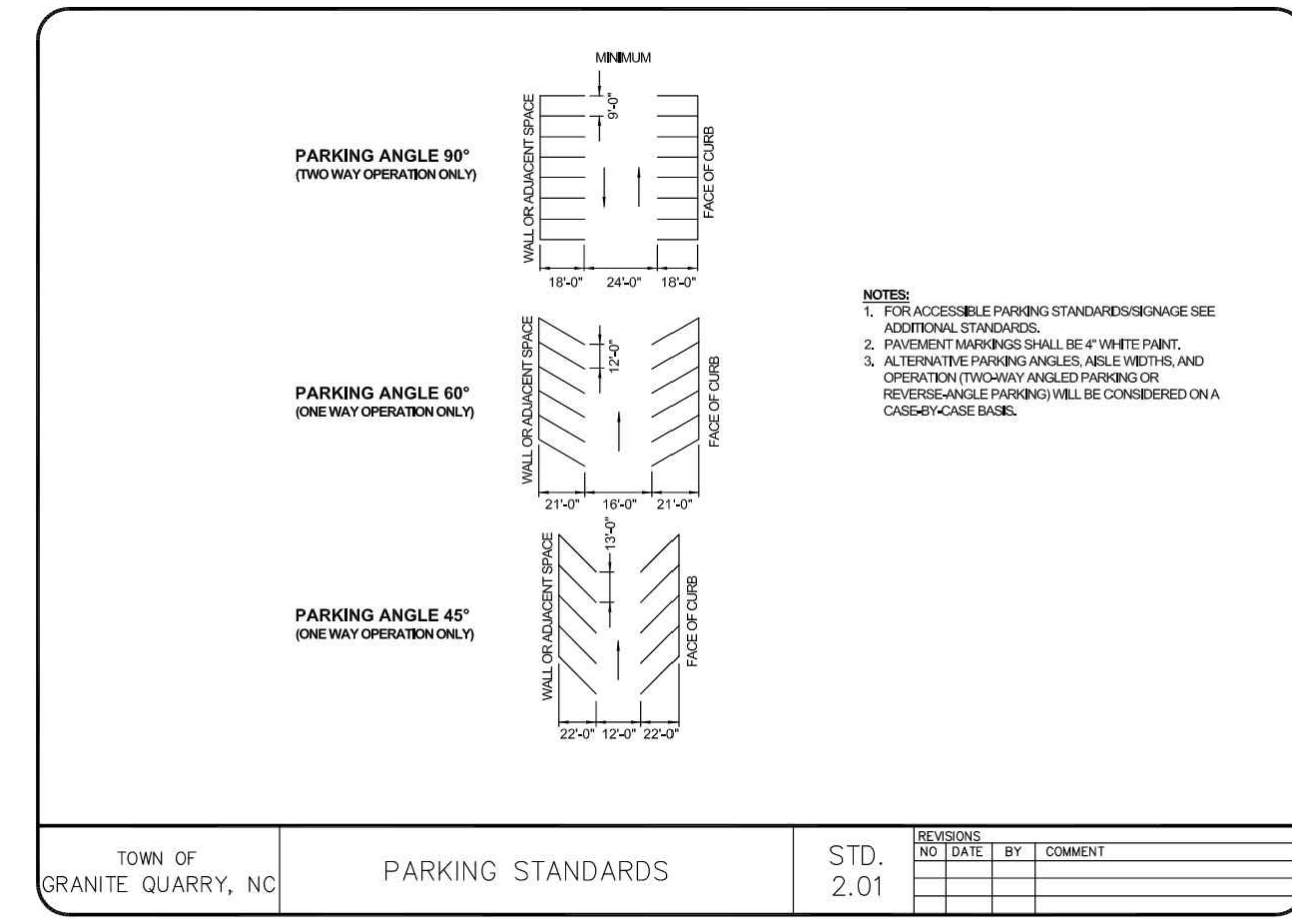
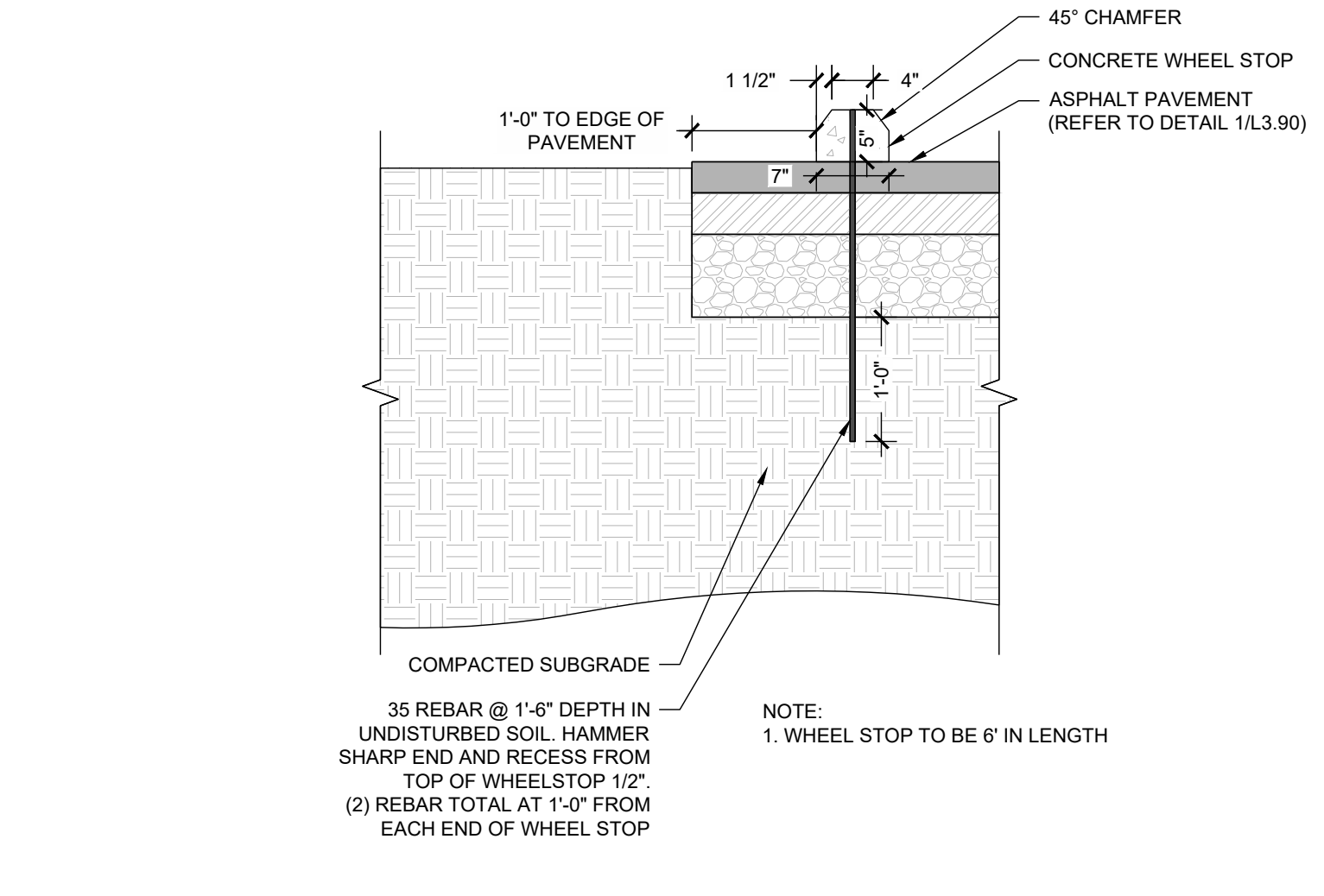
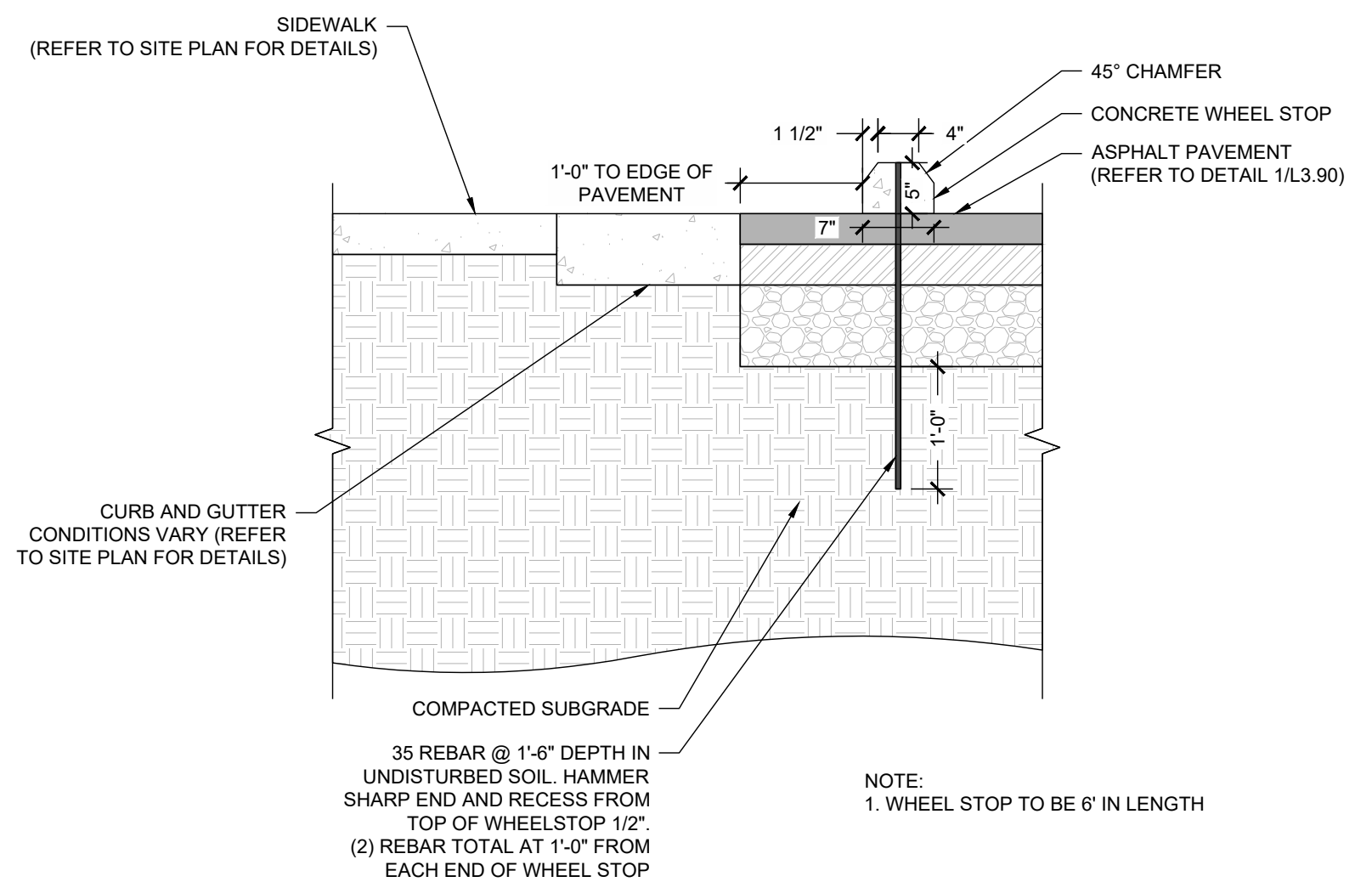
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9 STATIONARY BOLLARD SECTION 1/2" = 1'-0" **10 COLLAPSIBLE BOLLARD** 3/8" = 1'-0" **11 DRIVEWAY APRON 1 OF 2** NTS **12 DRIVEWAY APRON 2 OF 2** NTS

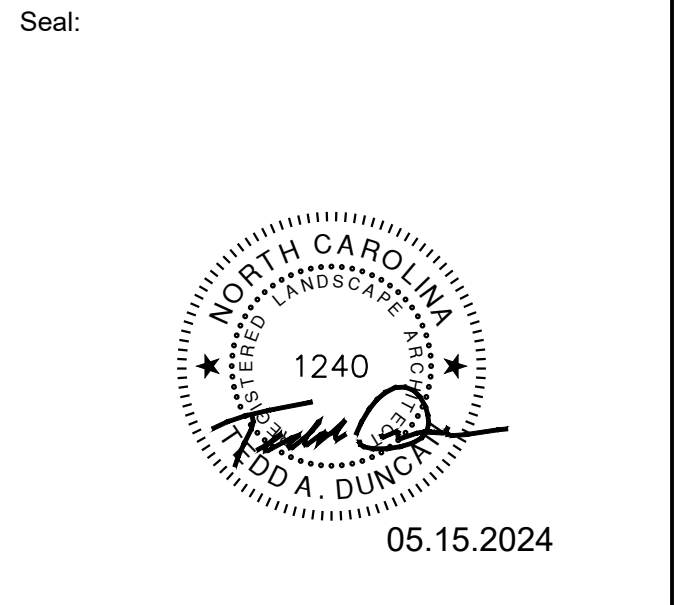
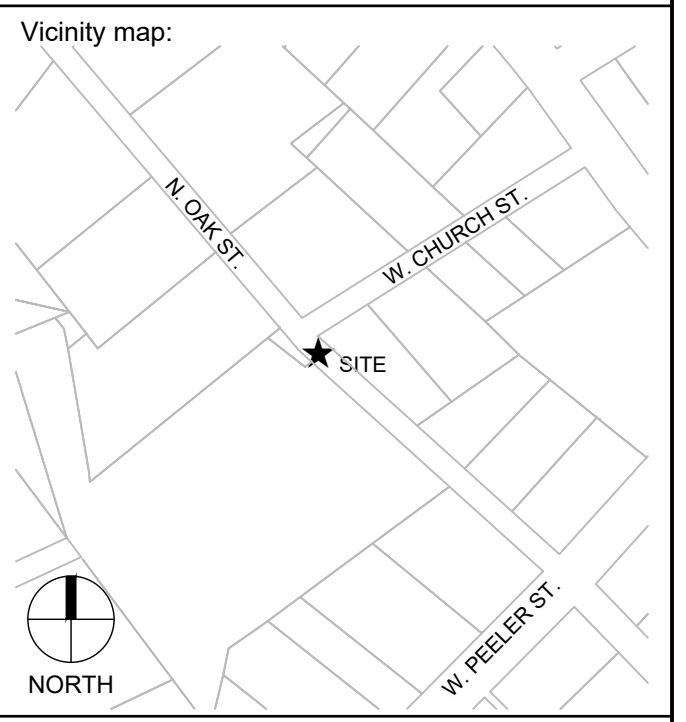


STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
DATE: 05.15.2024
PROJECT: L23017
SHEET: 3 OF 3
848.02

L:\Projects\2020\2017 - Civic Park Improvements\DWGS\2-CDS-Sheets\2017.L3.90 Site Details.dwg May 15, 2024 - 12:32pm



- 1 WHEEL STOP 1 SECTION $\frac{3}{4}'' = 1'-0''$
- 2 WHEEL STOP 2 SECTION $\frac{3}{4}'' = 1'-0''$
- 3 STANDARD PARKING NTS
- 4 ACCESSIBLE PARKING NTS



Scale:

SCALE: AS NOTED

Project:

CIVIC PARK IMPROVEMENTS

Issued for:

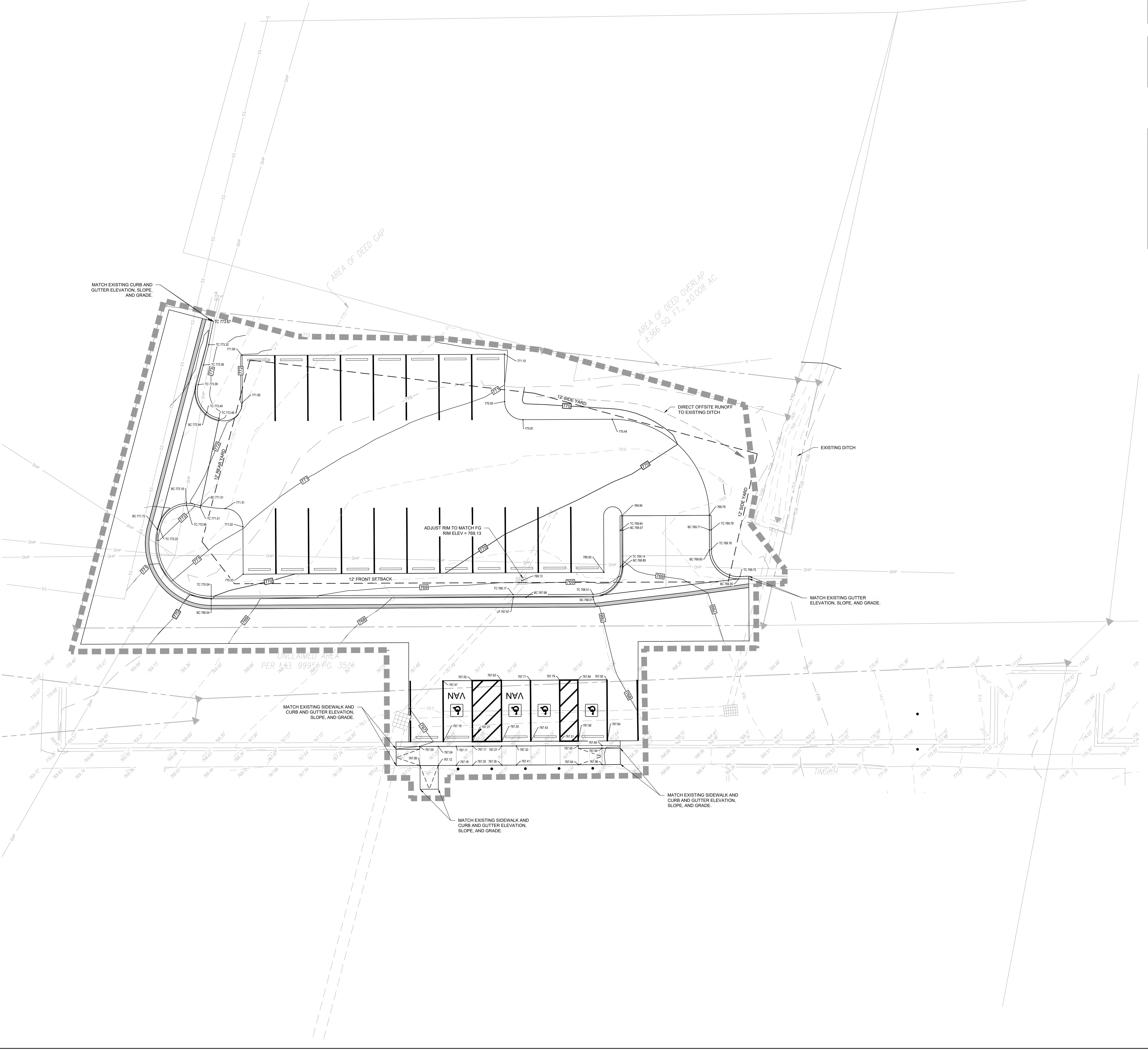
BID PACKAGE

No.	Date	Description

Title:

SITE DETAILS

L:\Projects\2020\202017 - Civic Park Improvements\DWG\2-CD\3-Sheets\2017-L4-00 Grading & Storm Drainage Plan.dwg May 15, 2024 - 12:32pm



NOTES

1. SEE SHEET L0.10 FOR GENERAL AND GRADING NOTES.

LINETYPE LEGEND

SYMBOL	DESCRIPTION
	LIMITS OF DISTURBANCE
	PROPERTY LINE

GRADING LEGEND

SYMBOL	DESCRIPTION
	FLOW DIRECTION
	PROPOSED ELEVATION
	TOP/BOTTOM OF CURB
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR



STEWART

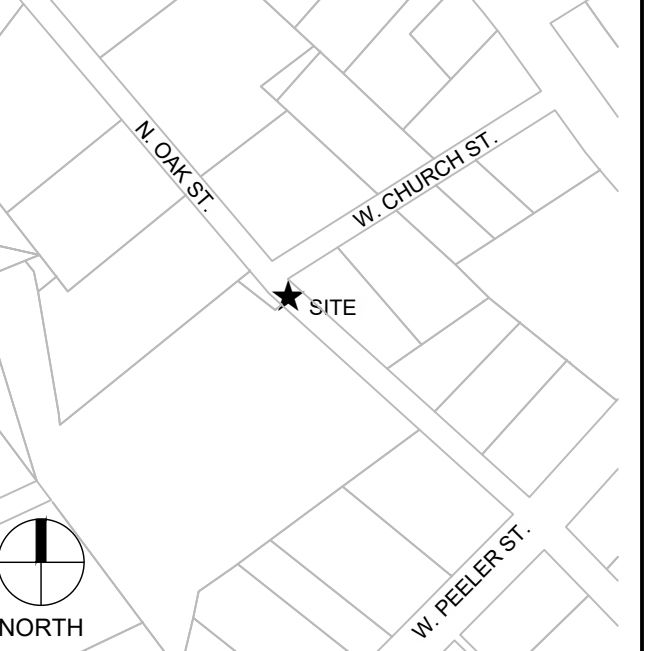
101 N. TRYON ST. #1400 FIRM LICENSE # C-1051
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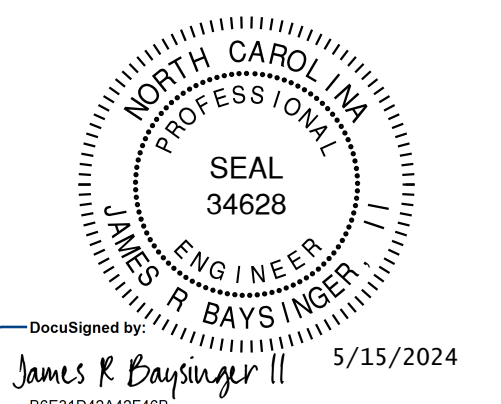


TOWN OF GRANITE QUARRY
 143 N. SALISBURY AVENUE
 GRANITE QUARRY, NC 28146
 704-279-5596

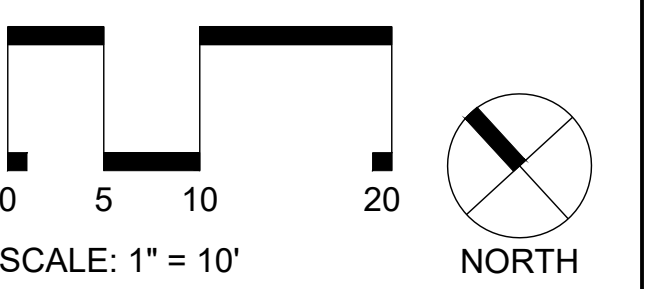
Vicinity map:



Seal:



Scale:



Project:

CIVIC PARK IMPROVEMENTS

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No.	Date	Description

Title:

GRADING & STORM DRAINAGE PLAN

Project number: L23017 Sheet #: L4.00
 Issued Date: 05.15.2024
 Drawn by: DP
 Approved by: JB



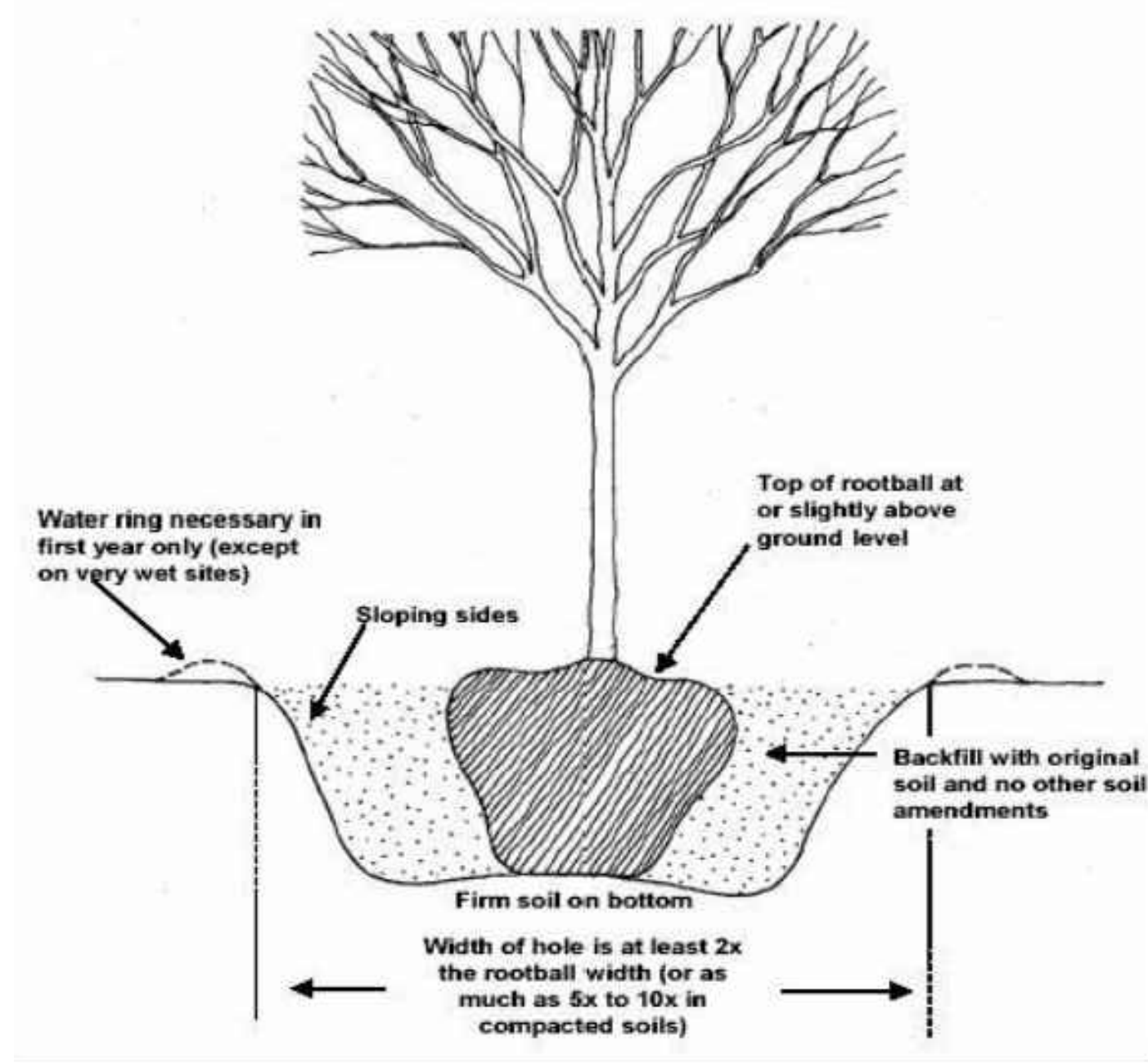
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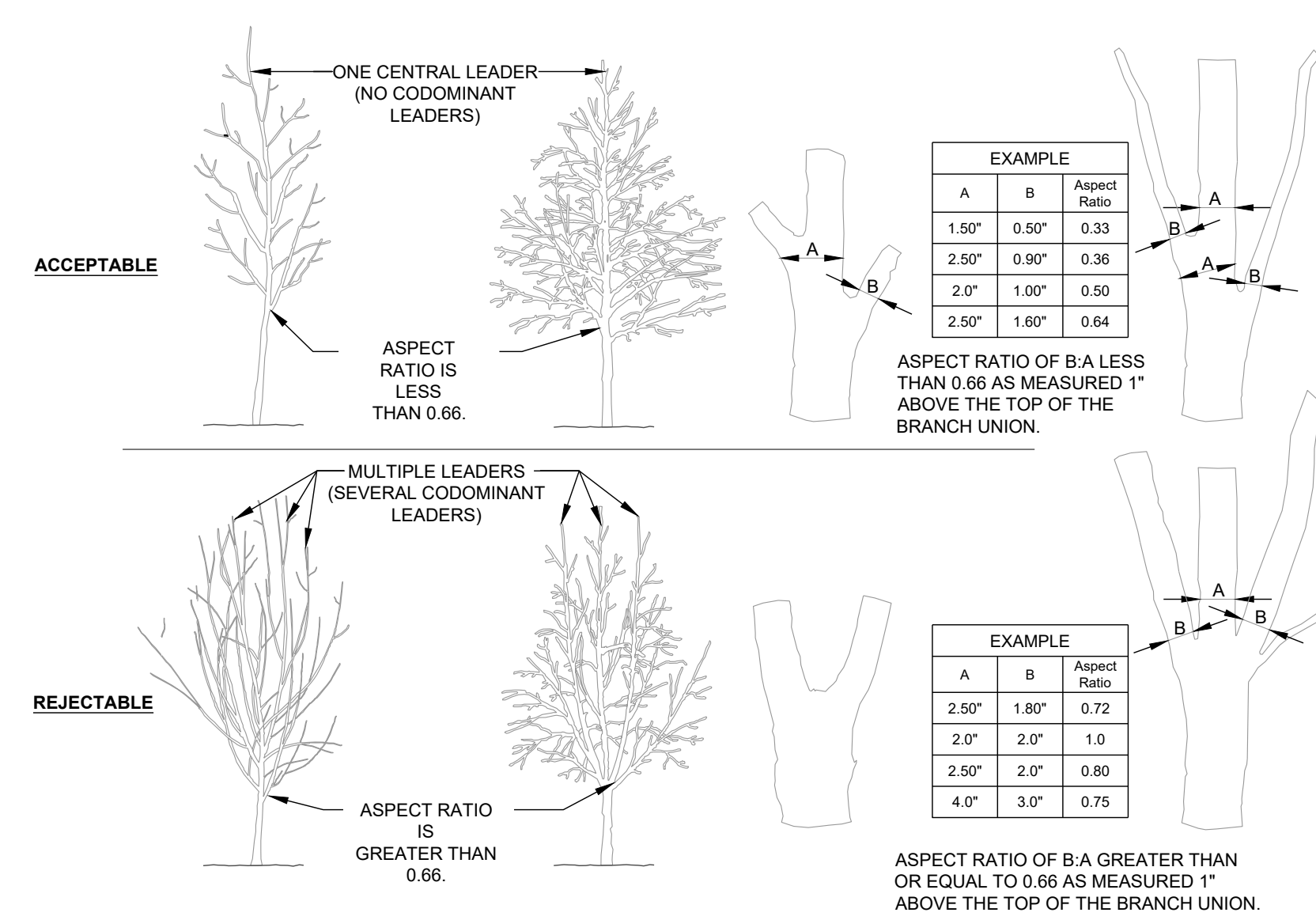
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1 TREE PLANTING NTS

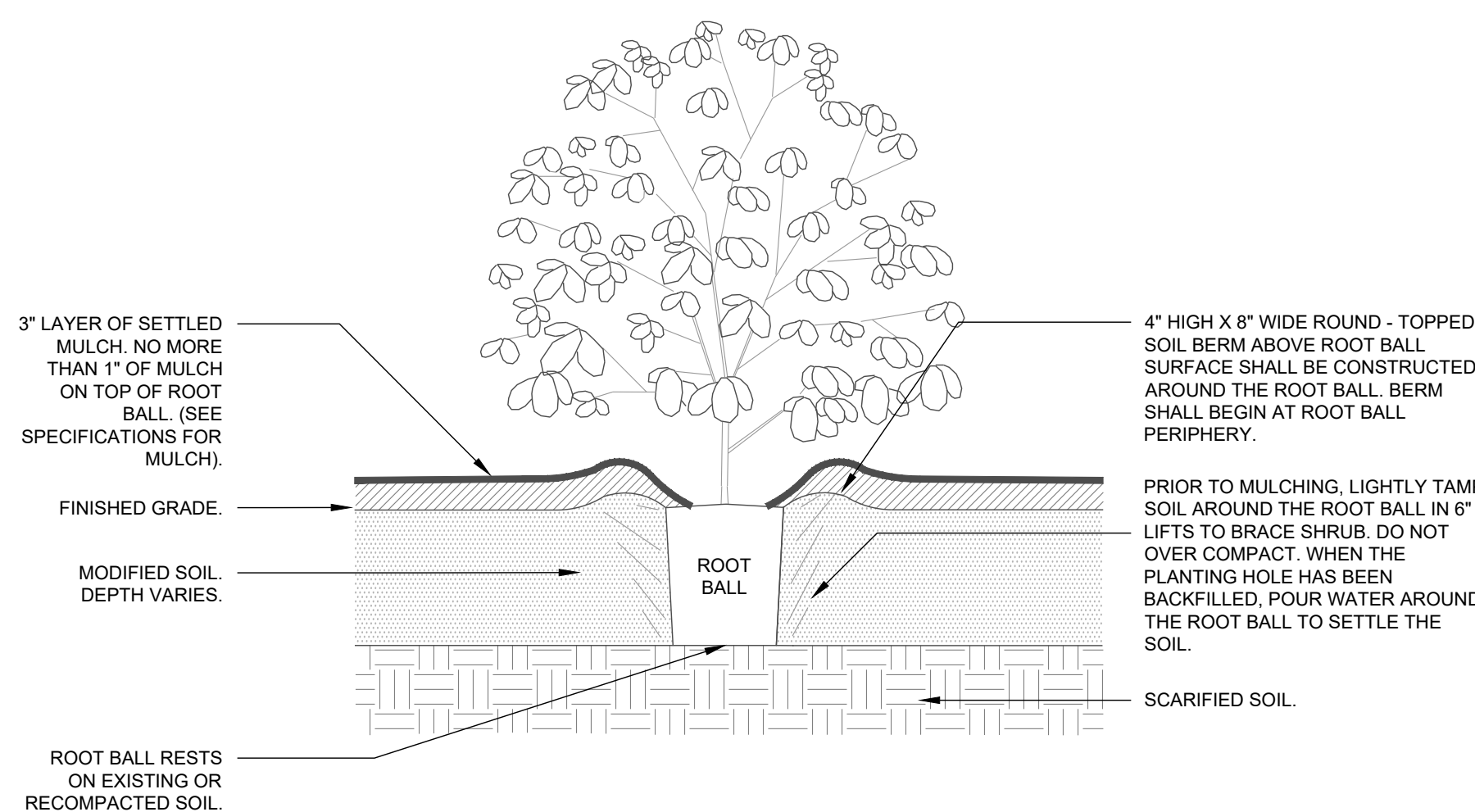


2 CROWN OBSERVATIONS - HIGH BRANCHED SECTION NTS

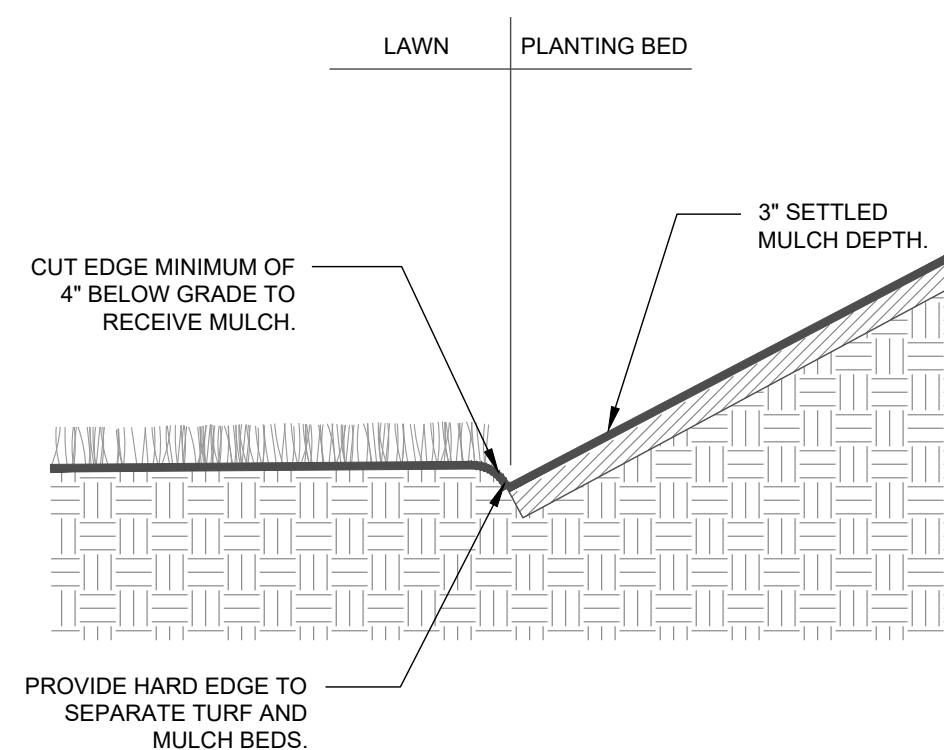
PLANTING NOTES:

- DO NOT STAKE TREES EXCEPT WHERE SPECIFIED BY LANDSCAPE ARCHITECT. STAKING IS REQUIRED FOR TREES PLANTED ON SLOPES.
- WHERE SEVERAL TREES WILL BE PLANTED CLOSE TOGETHER SUCH THAT THEY WILL LIKELY SHARE ROOT SPACE, TILL IN SOIL ALIGNMENTS TO A DEPTH OF 4" OVER THE ENTIRE AREA.
- FOR CONTAINER GROWN TREES, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL, THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
- FOR FIELD GROWN TREES, CUT BURLAP, ROPE AND WIRE BASKET AWAY FROM TOP AND SIDES OF ROOT BALL.
- THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
- THE PLANTING PROCESS IS SIMILAR FOR DECIDUOUS AND EVERGREEN TREES.
- DO NOT WRAP TRUNK. MARK NORTH SIDE OF TREE IN THE NURSERY AND LOCATE TO THE NORTH IN THE FIELD.
- WIDTH OF PLANTING HOLE IS 3X ROOT BALL AT THE SURFACE, SLOPING TO 2X THE ROOT BALL DIAMETER AT THE DEPTH OF THE ROOT BALL.
- BEFORE PLANTING, ADD 3-4" OF WELL COMPOSTED LEAVES, RECYCLED YARD WASTE OR OTHER COMPOST AND TILL INTO TOP 6" OF PREPARED SOIL. ADD COMPOST AT 20-35% BY VOLUME TO BACKFILL.
- PERFORM PERCOLATION TEST FOR EACH TREE PIT TO CONFIRM THAT WATER DRAINS OUT OF THE SOIL. PROVIDE GRAVEL SUMP FILTER FABRIC & VENT PIPE IF DRAINAGE DOES NOT OCCUR WITHIN 24 HOURS. INCLUDE ALL SUMPS IN BASE BID. SHOULD SUMPS NOT BE NECESSARY AFTER PERCOLATION TEST, PROVIDE CHANGE ORDER DEDUCT TO OWNER.
- IF PLANTING HOLES ARE DUG WITH A LARGE AUGER BREAKING DOWN THE SIDES WITH A SHOVEL CAN ELIMINATE GLAZING AND CREATE THE PREFERRED SLOPING SIDE.
- TREES SHALL HAVE SINGLE LEADERS. TREES WITH 2 LEADERS WILL BE REJECTED.
- DO NOT PLACE MULCH IN CONTACT WITH TRUNK.
- PROVIDE GATOR BAGS FOR ALL TREES WHERE IRRIGATION IS NOT PROVIDED.

3 PLANTING NOTES

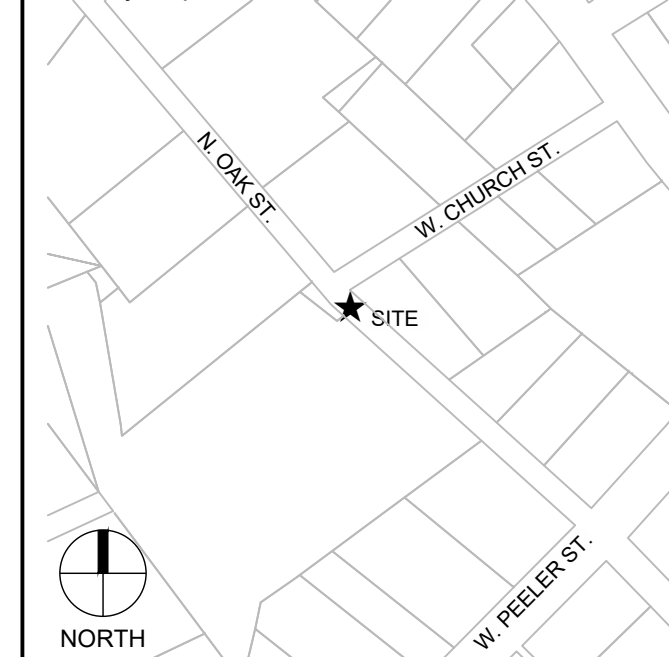


4 SHRUB (TYPICAL) SECTION NTS



5 LAWN / PLANT BED TRENCH EDGING SECTION NTS

Vicinity map:



Seal:



Scale:

SCALE: AS NOTED

Project:

CIVIC PARK IMPROVEMENTS

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LANDSCAPE DETAILS

Project number: L23017 Sheet #:
 Issued Date: 05.15.2024
 Drawn by: TM
 Approved by: TD

L5.90