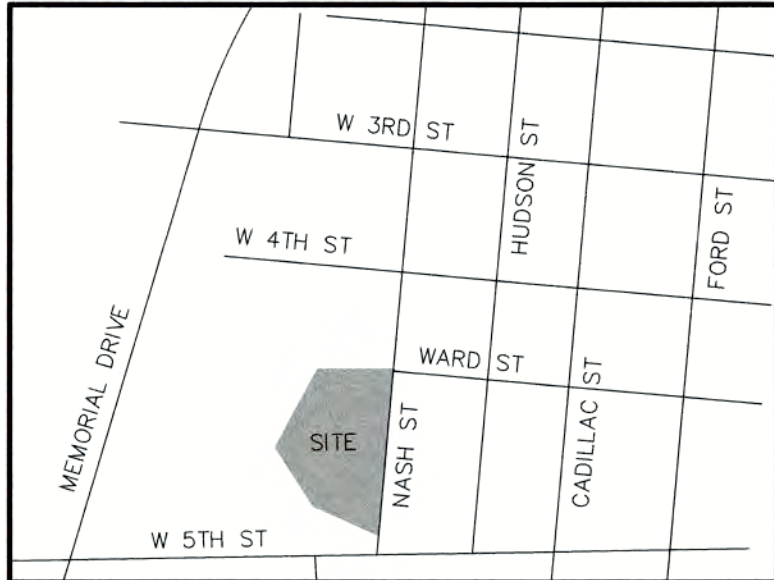




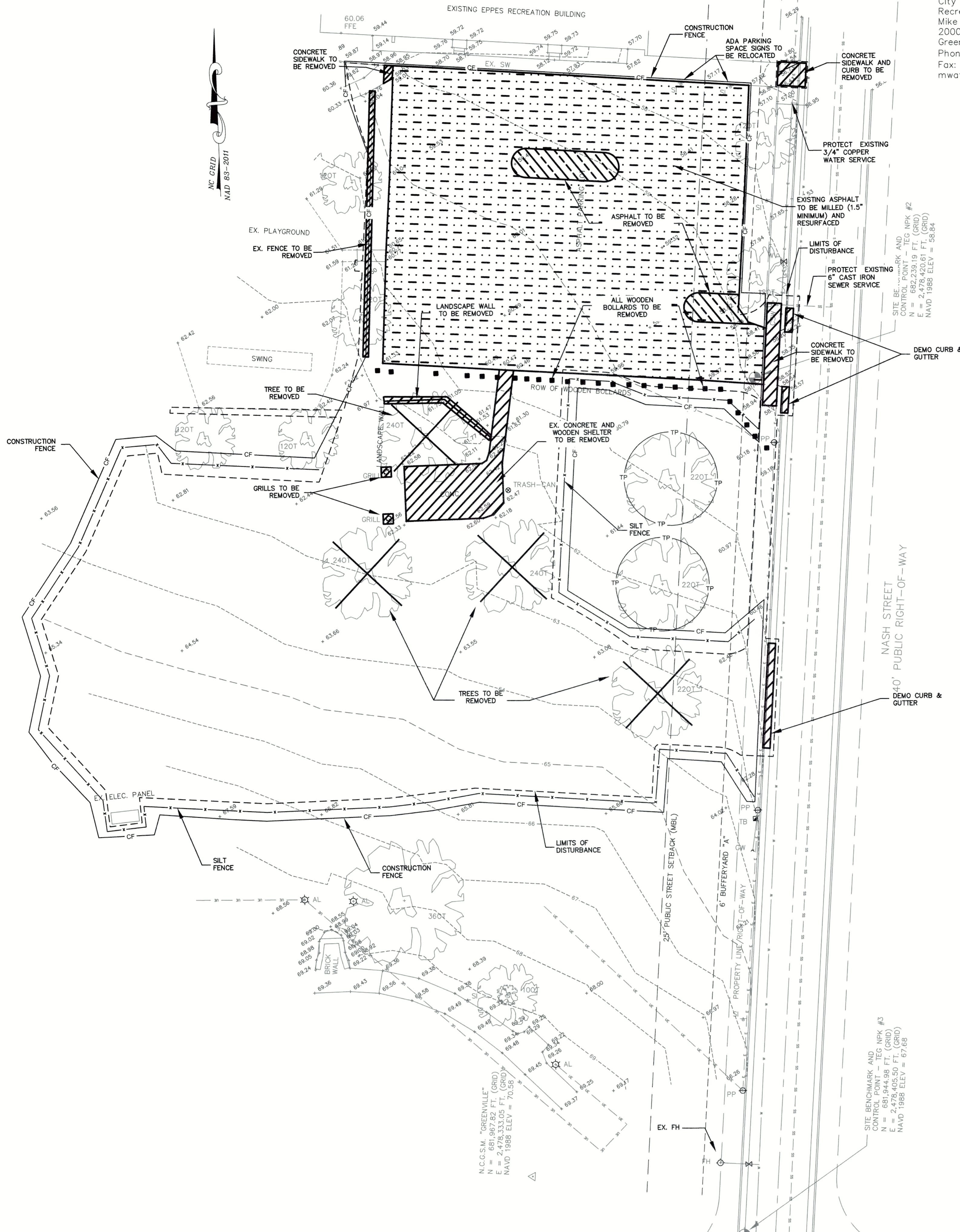
VICINITY MAP
NOT TO SCALE

SHEET INDEX

- C0.1 EXISTING CONDITIONS & DEMOLITION PLAN
C1.1 SITE PLAN
C2.1 DRAINAGE, GRADING, & EROSION CONTROL PLAN
C3.1 DETAILS

DEMOLITION NOTES:

- CONTRACTOR SHALL PROVIDE 6' HT. MIN. CHAIN LINK CONSTRUCTION FENCING TO SECURE PROJECT SITE.
- BACKFILL ALL REMOVED UTILITY TRENCHES, TREE REMOVAL, ETC. WITH SELECT FILL, COMPACTED TO 95% STANDARD PROCTOR.
- CONTRACTOR IS RESPONSIBLE FOR CLEAN OUT OF EXISTING STORM DRAINAGE LOCATED WITHIN THE CONSTRUCTION LIMITS.
- ALL CONCRETE AND ASPHALT REMOVED SHALL BE SAW CUT OR REMOVED TO NEXT EXPANSION JOINT.
- PROVIDE TREE PROTECTION FENCING TO ALL EXISTING TREES WITHIN 10' OF CONSTRUCTION LIMITS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL STORM WATER DRAINAGE OUTFALLS DURING CONSTRUCTION.
- EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE FOR FIELD VERIFICATION OF LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS FROM DAMAGE DURING CONSTRUCTION AND SHALL RESTORE ANY DAMAGED IMPROVEMENTS AT THE END OF CONSTRUCTION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL UTILITY SERVICES, DRAINAGE, ETC., TO THIS AREA OR ADJACENT AREAS DURING DEMOLITION AND CONSTRUCTION.
- ALL DEBRIS FROM DEMOLITION ACTIVITIES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL AGENCIES HAVING JURISDICTION.



OWNER CONTACT:

City of Greenville
Recreation and Parks Department
Mike Watson, Parks Coordinator
2000 Cedar Lane
Greenville, NC 27835
Phone: (252) 329-4539
Fax: (252) 329-4062
mwatson@greenvillenc.gov

CITY OF GREENVILLE SITE PLAN APPROVAL

DATE _____

☐ Approved	☐ Approved as Noted _____
Zoning	Engineering
Surveyor/Floodplain	Inspections
Fire/Rescue	GUC Electric
GUC Water/Sewer	GUC Gas
NCDOT	Vegetation
Traffic Services	Notes

* Site plan approval ONLY. Engineer/Architect/Landscape Architect/Surveyor shall be responsible for adequacy of design, errors, omissions in the plans. All plans shall meet all specifications, standards and applicable regulations.

SITE DATA

(a)	TOTAL AREA IN SITE	9.00 ACRES
(b)	TOTAL AREA DISTURBED	0.91 ACRES
(c)	CURRENT ZONING	R6
	LAND USE CLASSIFICATION	PUBLIC PARK OR RECREATIONAL FACILITY-2
(d)	SUBDIVISION NAME, BLOCK & LOT	N/A
	TAX MAP AND PARCEL NUMBER	028959
	STREET ADDRESS	400 NASH ST
(e)	ACREAGE IN COMMON AREA	N/A
(f)	ACREAGE IN RECREATION AREA	N/A
(g)	TOTAL NUMBER OF UNITS/BEDROOMS	N/A
(h)	GROSS FLOOR AREA	N/A
(i)	BUILDING LOT COVERAGE (EXISTING IN PROJECT AREA)	0%
	BUILDING LOT COVERAGE (PROPOSED IN PROJECT AREA)	0%
(j)	BUILDING HEIGHT (FEET & STORIES)	N/A
(k)	TOTAL NUMBER OF PARKING SPACES (EXISTING)	26±
	TOTAL NUMBER OF PARKING SPACES (PROVIDED)	78
(l)	TOTAL NUMBER OF ACCESSIBLE PARKING SPACES (REQUIRED)	4
	TOTAL NUMBER OF ACCESSIBLE PARKING SPACES (PROPOSED)	4
(m)	TOTAL SQUARE FEET OF IMPERVIOUS AREA (EXISTING)	104,531 SF (2.40 ACRES)*
	TOTAL SQUARE FEET OF IMPERVIOUS AREA (PROPOSED)	121,107 SF (2.78 AC)*

* THIS PROJECT IS LOCATED ON PUBLIC PARK/RECREATIONAL FACILITY LAND AND DISTURBS LESS THAN 1 ACRE, THUS AN APPROVED STORMWATER MANAGEMENT PLAN IS NOT REQUIRED.

LEGEND

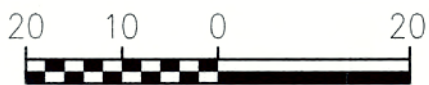
CSW = CONCRETE SIDEWALK
C.O. = CLEAN OUT
EX = EXISTING
FDC = FIRE DEPARTMENT CONNECTION
FFE = FINISH FLOOR ELEVATION
FH = FIRE HYDRANT
G.V. = GATE VALVE
INV. = INVERT
MB = MAILBOX
MH = MANHOLE
PP = POWER POLE
RCP = REINFORCED CONCRETE PIPE
R/W = RIGHT-OF-WAY
SI = SIGN
TB = TELEPHONE BOX
TYP. = TYPICAL
WV = WATER VALVE
EXISTING CONTOUR
EX. SPOT ELEVATION
EX. STORM DRAIN
EX. OVERHEAD ELECTRIC
FM = EX. FORCE MAIN
UG = EX. GAS MAIN
W = EX. WATER MAIN
AW = ABANDONED WATER MAIN
PP = POWER POLE
GW = GUY WIRE
AL = AREA LIGHT

DEMOLITION LEGEND:

- REMOVE ASPHALT
REMOVE CONCRETE
MILL & RESURFACE
TP = TREE PROTECTION
CF = CONSTRUCTION FENCE
SILT FENCE
REMOVE TREE

STATE OF NORTH CAROLINA PITT COUNTY
I, WILLIAM B. HILLIARD, CERTIFY THAT THIS
PLAN WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL
SURVEY MADE UNDER MY SUPERVISION. (DEED DESCRIPTION
RECORDED IN BOOK _____ PAGE _____) THAT THE RATIO
OF PRECISION AS CALCULATED IS 1:10,000. THAT THIS PLAN
WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF
PRACTICE. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION
NUMBER AND SEAL THIS 20th DAY OF SEPTEMBER 2023.

L - 4509



THE EAST GROUP
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■ Surveying ■ Technology
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• NC Engineering License No. C-0206
NC Architectural License No. 50213
NC Landscape Architectural License
No. C-427



REV	DATE	DESCRIPTION	BY	CHK
A	03/31/23	95% FOR OWNER REVIEW	APF	MSC
B	07/19/23	100% FOR OWNER REVIEW	APF	MSC
C	08/03/23	SUBMIT TO COG FOR SITE PLAN	APF	MSC
D	09/12/23	RESPONSE TO COG COMMENTS	APF	MSC
E	09/26/23	RESPONSE TO COG COMMENTS #2	APF	MSC
F	09/26/23	ISSUED FOR BID	APF	MSC

TEC PROJECT NO. 20220184

CLIENT PROJECT NO.

PROJECT TITLE
Greenville NORTH CAROLINA

FOREMAN PARK PARKING EXPANSION

DRAWING TITLE

EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING NO.

C0.1

SHEET 1 OF 4

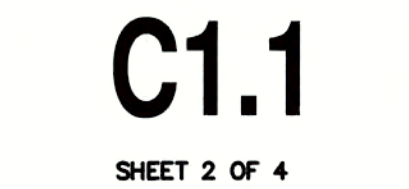


- ## PROPOSED SITE LIGHTING

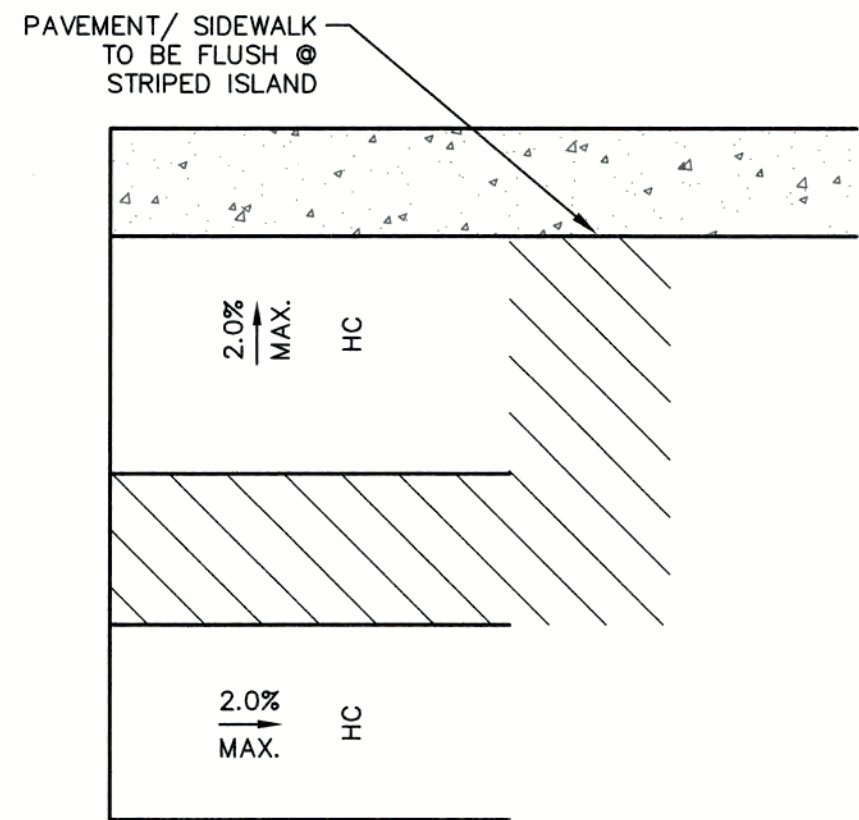
PP = POWER POLE
GW = GUY WIRE
AL = AREA LIGHT



811
Know what's below.
Call before you dig



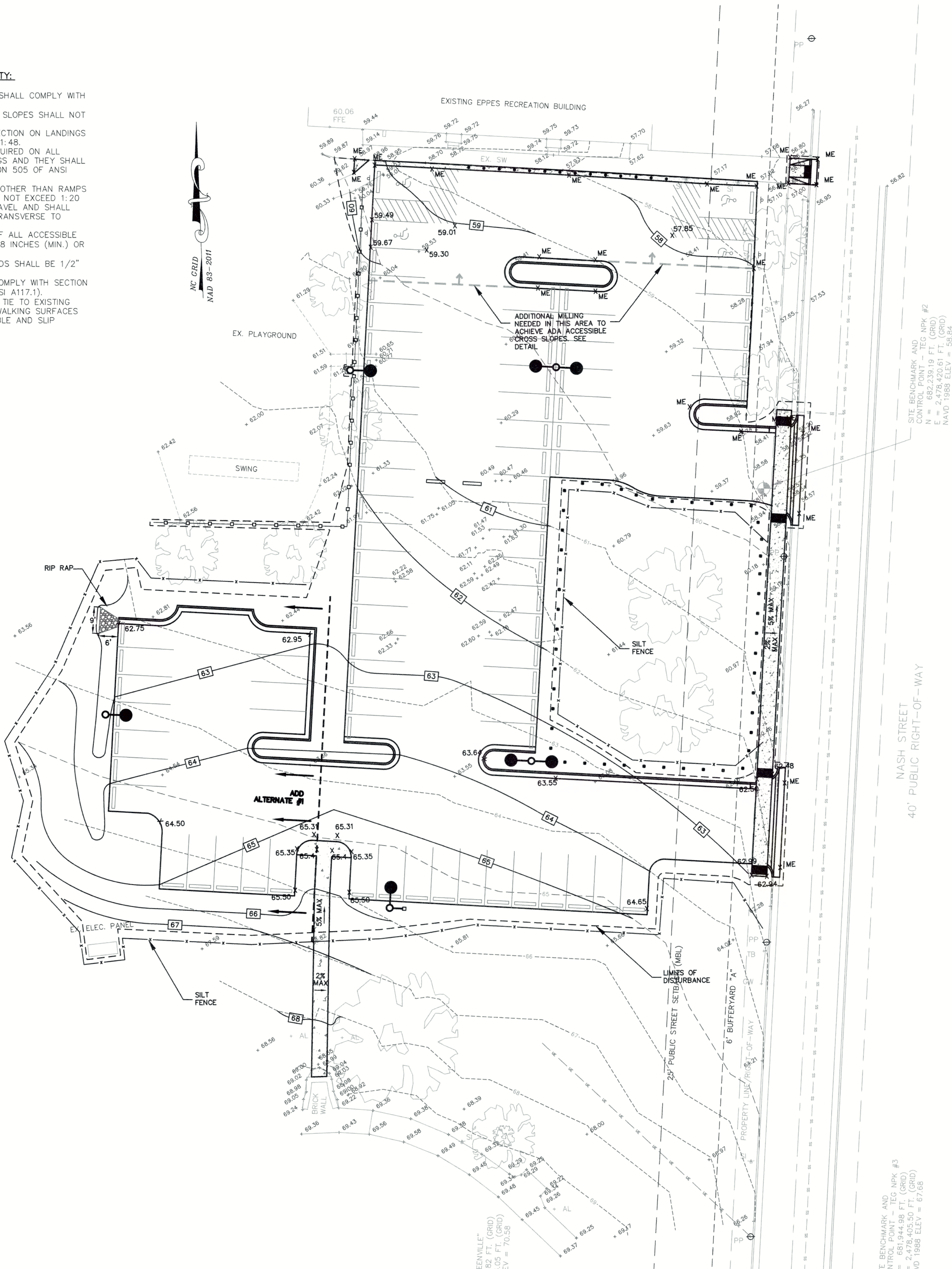
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NOTES ON ACCESSIBILITY:

1. ALL CONSTRUCTION SHALL COMPLY WITH ANSI A117.1 (2009).
2. LONGITUDINAL RAMP SLOPES SHALL NOT EXCEED 1:12.
3. SLOPES IN ANY DIRECTION ON LANDINGS SHALL NOT EXCEED 1:48.
4. HANDRAILS ARE REQUIRED ON ALL RAMPS AND LANDINGS AND THEY SHALL COMPLY WITH SECTION 505 OF ANSI A117.1 (2009).
5. WALKING SURFACES OTHER THAN RAMPS OR LANDINGS SHALL NOT EXCEED 1:20 IN DIRECTION OF TRAVEL AND SHALL NOT EXCEED 1:48 TRANSVERSE TO TRAVEL DIRECTION.
6. THE CLEAR WIDTH OF ALL ACCESSIBLE ROUTES SHALL BE 48 INCHES (MIN.) OR GREATER.
7. DOORWAY THRESHOLDS SHALL BE 1/2" OR LESS.
8. ALL STEPS SHALL COMPLY WITH SECTION 504 STAIRWAYS (ANSI A117.1).
9. LOWER RAMP SHALL TIE TO EXISTING CONCRETE DRIVE. WALKING SURFACES MUST BE FIRM, STABLE AND SLIP RESISTANT.

1 HC PARKING/ ADA DETAIL
C2.1 N.T.S.



DISTURBED AREA.....0.91 AC.

GRADING NOTES:

1. ALL VEGETATION AND TOPSOIL SHALL BE STRIPPED FROM FILL AREAS PRIOR TO PLACING FILL. ANY QUESTIONABLE OR UNSUITABLE SOIL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
2. AFTER STRIPPING TOPSOIL AND PRIOR TO PLACING FILL, IT IS RECOMMENDED THAT ALL BUILDING, PARKING AND DRIVEWAY AREAS BE ROLLED WITH A VIBRATORY ROLLER TO CONSOLIDATE LOOSE SOILS IN THE UPPER SUBGRADE. COMPACTION TEST RESULTS OF AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY WILL BE REQUIRED PRIOR TO ENGINEER'S APPROVAL FOR FILL PLACEMENT. CONTRACTOR SHALL CONTACT THE ENGINEER AND SCHEDULE A PROOF ROLL FOR SUBGRADE AND WHEN AGGREGATE BASE COURSE HAS BEEN INSTALLED.
3. ALL FILL SHALL BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698).
4. ALL CULVERT CLEANOUT MUST BE DONE SUCH THAT THE SEDIMENT IS EITHER EXTRACTED OR BLOWN UPSTREAM FOR CLEANUP. UNDER NO CIRCUMSTANCES SHALL SEDIMENT BE BLOWN DOWNSTREAM.
5. GRADING CONTRACTOR SHALL TEMPORARY SEED AND MULCH ALL DISTURBED AREAS IN ACCORDANCE WITH THE SPECIFICATIONS WITHIN 14 DAYS OF COMPLETION OF GRADING WORK. UPON COMPLETION OF THE PROJECT, THE GENERAL CONTRACTOR SHALL INSTALL PERMANENT SEEDING AS OUTLINED IN THE SPECIFICATIONS. ALL DRAINAGE PIPES SHALL BE CLEANED BY THE GENERAL CONTRACTOR TO REMOVE ANY SEDIMENTS THAT HAVE ACCUMULATED.
6. ALL EXCESS TOPSOIL STRIP MATERIAL TO BE HAULED OFF-SITE AND DISPOSED OF AT AN APPROVED SITE OR STORED ON SITE AS SHOWN ON PLANS.
7. ALL PLANTING AREAS SHALL BE BACKFILLED WITH TOPSOIL AND RAKED DOWN, REMOVING ALL CLODS AND ROOTS, AND LEFT READY FOR SEEDING AND PLANTING.

MAINTENANCE PLAN:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND SEPERATION FOLLOWING EVERY RUN-OFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 0.5 FT DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
3. EROSION CONTROL MATTING SHALL BE MAINTAINED UNTIL ALL WORK IS COMPLETE. AREAS SHALL BE RESEEDDED AND MATTING SHALL BE REPLACED AS NEEDED.
4. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/ EXIT WILL BE INSPECTED PERIODICALLY. WHEN MUD BEGINS TO BUILD-UP, THE ENTRANCE WILL BE BLADED OFF REMOVING THE MUD. ADD NEW STONE TO ENTRANCE AS NEEDED.
5. ALL SEEDED AREAS WILL BE FERTILIZED, RE-SEEDED AS NECESSARY AND MULCHED ACCORDING TO SPECIFICATION IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
6. INSPECT CHECK DAM AND CHANNELS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT AND REPAIR IMMEDIATELY. CLEAN OUT SEDIMENT, STRAW, LIMBS, OR OTHER DEBRIS THAT COULD CLOG THE CHANNEL AND COULD ACCUMULATE BEHIND THE DAM AS NEEDED TO PREVENT DAMAGE TO THE CHANNEL VEGETATION. ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM AND PREVENT LARGE FLOW FROM CARRYING SEDIMENT OVER THE DAM. ADD STONES TO THE DAM AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.
7. TEMPORARY SKIMMER SEDIMENT BASIN WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH 0.5" OVER 24-HOUR PERIOD RAINFALL EVENT AND REPAIRED IMMEDIATELY. WHEN SEDIMENT REACHES ACCUMULATION OF ONE-HALF THE HEIGHT OF THE FIRST BAFFLE, REMOVAL OF THE SEDIMENT AND RESTORATION OF THE BASIN WILL OCCUR. REPAIR AND RE-ANCHOR THE BAFFLES IF THEY ARE DAMAGED AND WATER IS FLOWING UNDER THEM. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE SKIMMER AREA.

EROSION CONTROL NOTES:

1. SEED AND MULCHING OR OTHERWISE PROVIDE GROUND COVER DEVICES OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION FOR ALL EXPOSED SLOPES WITHIN 14 WORKING DAYS OF COMPLETING ANY PHASE OF GRADING.
2. CONTRACTOR SHALL INSPECT AND MAINTAIN AS NEEDED ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH 0.5" OVER 24-HOUR PERIOD RAINFALL EVENT.
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES SHOULD THE PLAN OR ITS IMPLEMENTATION PROVE TO BE INADEQUATE.
4. CONTRACTOR SHALL PROVIDE MEASURES TO CLEAN ANY SOILS OR SEDIMENT THAT IS TRACKED, PLACED, OR FLOWS ONTO EXISTING PAVEMENT/GRAVEL SURFACES THAT ARE TO REMAIN.

LEGEND

- 28.00 = CONTOUR
- + 28.00 = SPOT ELEVATION
- JB = JUNCTION BOX
- DI = DROP INLET
- CPP = CORRUGATED PLASTIC PIPE
- RCP = REINFORCED CONCRETE PIPE
- FES = FLARED END SECTION
- EX = EXISTING
- RD = ROOF DRAIN
- FTE = FINISH FLOOR ELEVATION
- FE = FINISHED ELEVATION
- EC = EDGE OF CONCRETE
- EP = EDGE OF PAVEMENT
- TC = TOP OF CURB
- TSW = TOP OF SIDEWALK
- TW = TOP OF WALL
- INV = INVERT
- TYP. = TYPICAL
- CO = CLEAN OUT
- NSC = NEW STORM DRAINAGE
- EX. = EX. STORM DRAINAGE
- NRD = NEW ROOF DRAIN
- RD = PROPOSED CONTOUR
- X-X = INLET PROTECTION
- X = SILT FENCE
- X = AREA OF DISTURBANCE
- = GRADE TO DRAIN DIRECTION
- = SWALE SEE DETAIL
- PP = POWER POLE
- GW = GUY WIRE
- AL = AREA LIGHT



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NC Engineering License No. C-0206
NC Architectural License No. 50213
NC Landscape Architectural License No. C-427



REV	DATE	DESCRIPTION	BY	CHK
A	03/21/23	ISS FOR OWNER REVIEW	APF	MSC
B	07/20/23	ISS FOR OWNER REVIEW	APF	MSC
C	08/03/23	SUBMIT TO COG FOR SITE PLAN	APF	MSC
D	09/12/23	RESPONSE TO COG COMMENTS #1	APF	MSC
E	09/26/23	RESPONSE TO COG COMMENTS #2	APF	MSC
F	09/26/23	ISSUED FOR BID	APF	MSC

TED PROJECT NO. 20220184

CLIENT PROJECT NO.

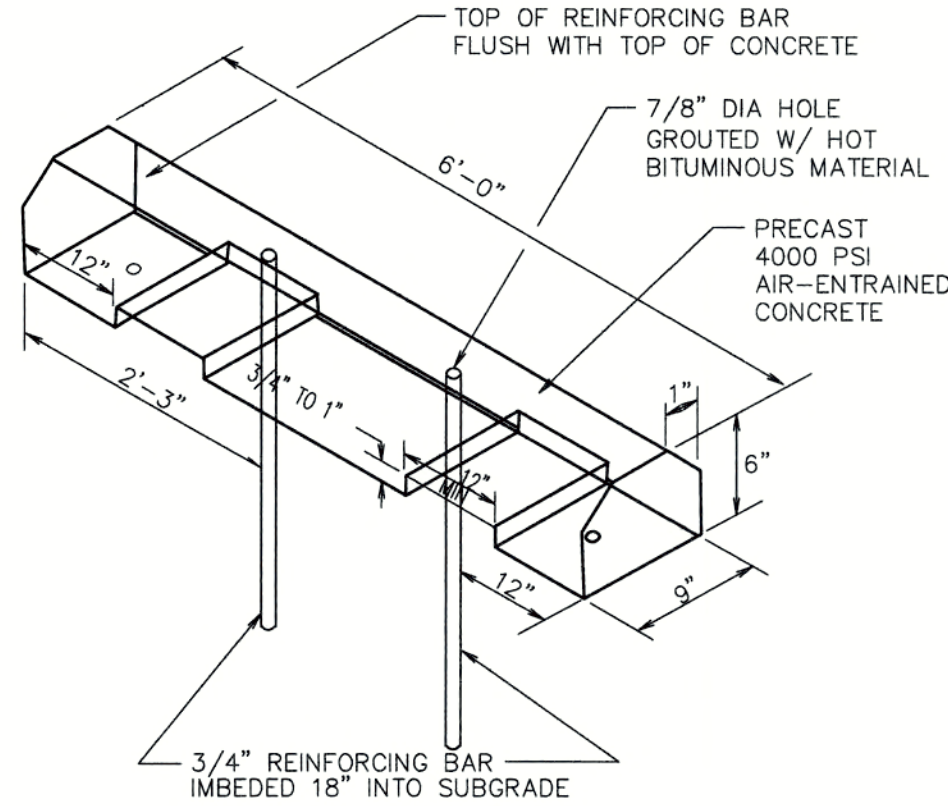
PROJECT TITLE
Greenville
NORTH CAROLINA

FOREMAN PARK PARKING EXPANSION

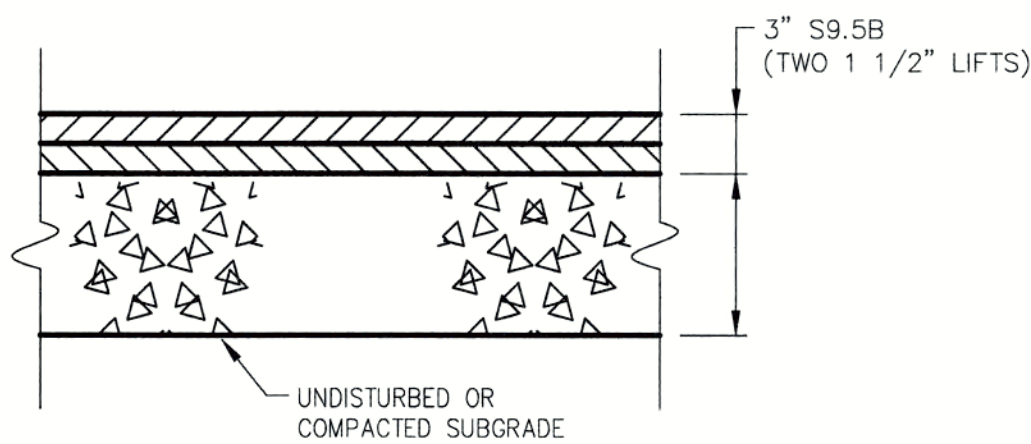
DRAWING TITLE

GRADING, DRAINAGE, AND EROSION CONTROL PLAN

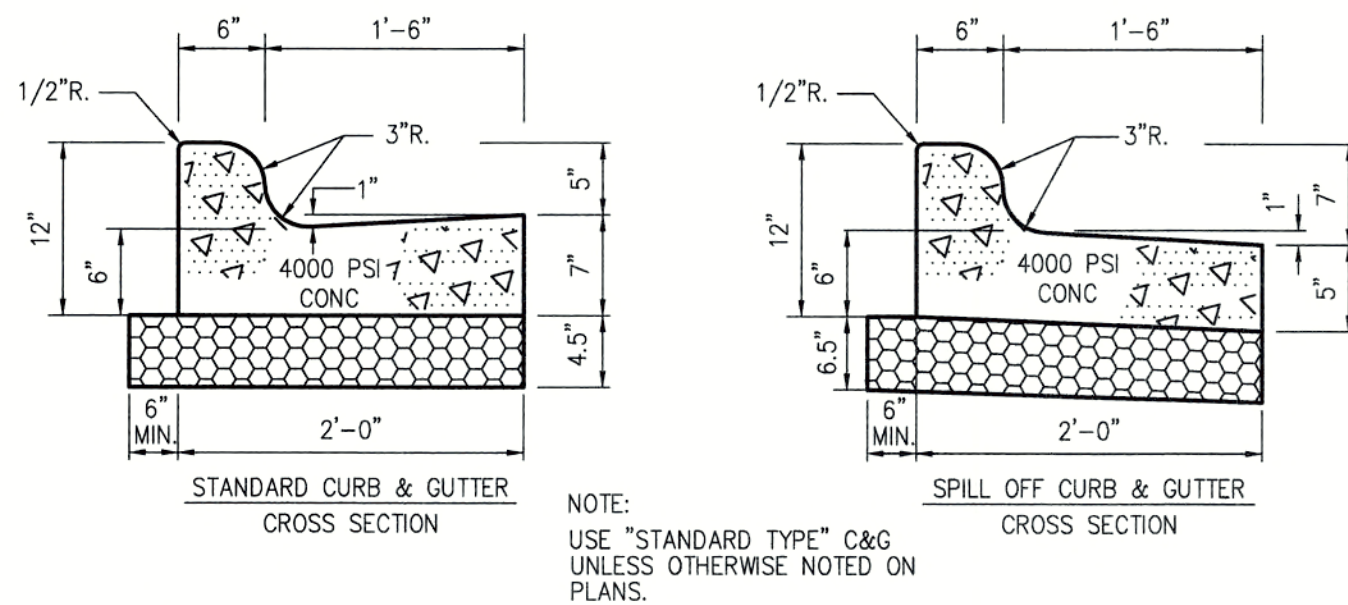
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C2.1
SHEET 3 OF 4



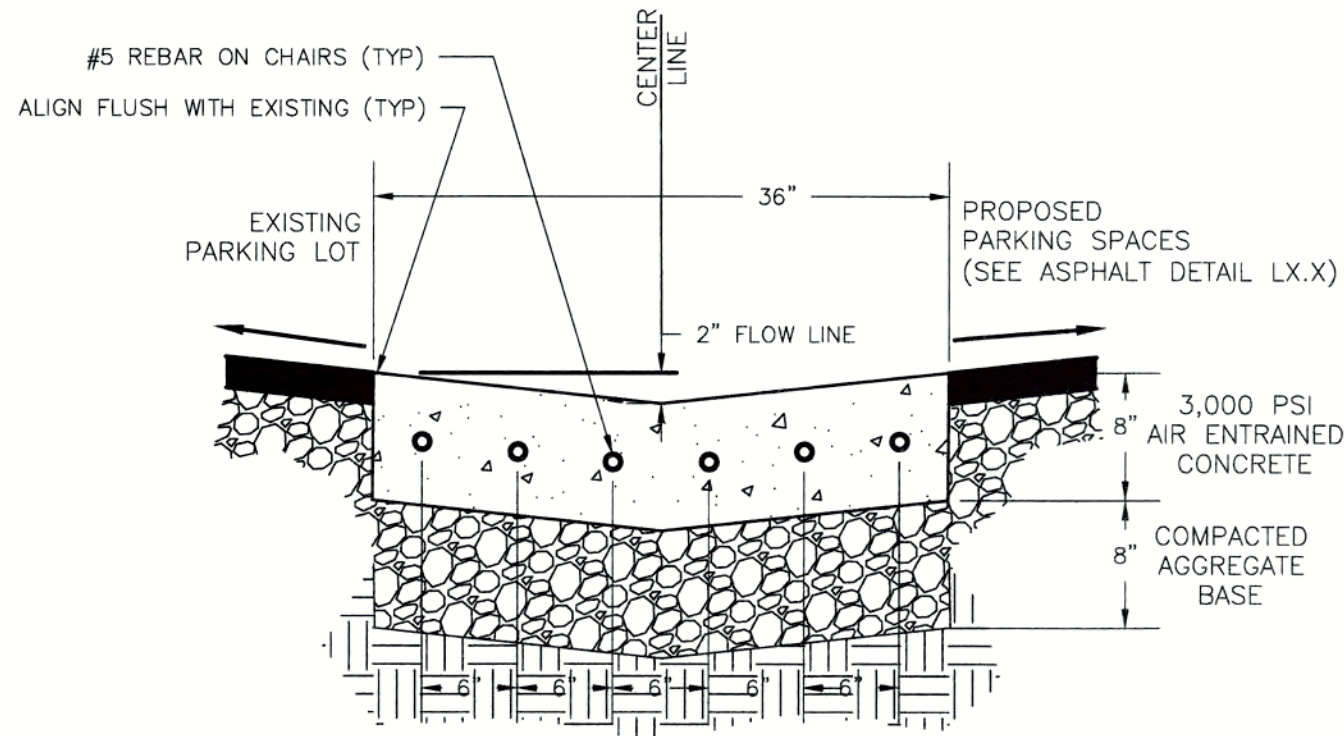
1 WHEEL STOPS
C3.1 N.T.S.



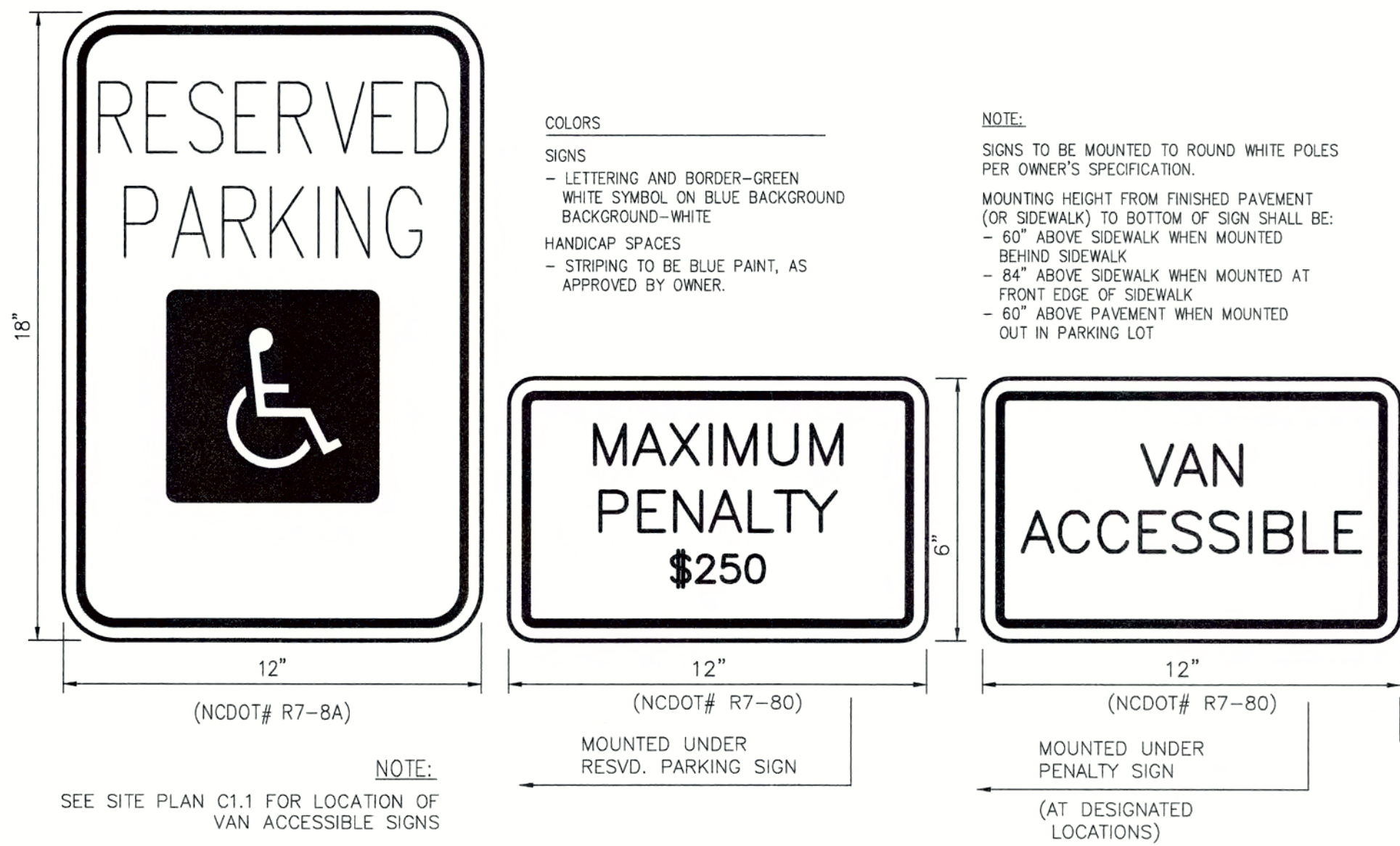
2 STANDARD ASPHALT PAVEMENT
C3.1 N.T.S.



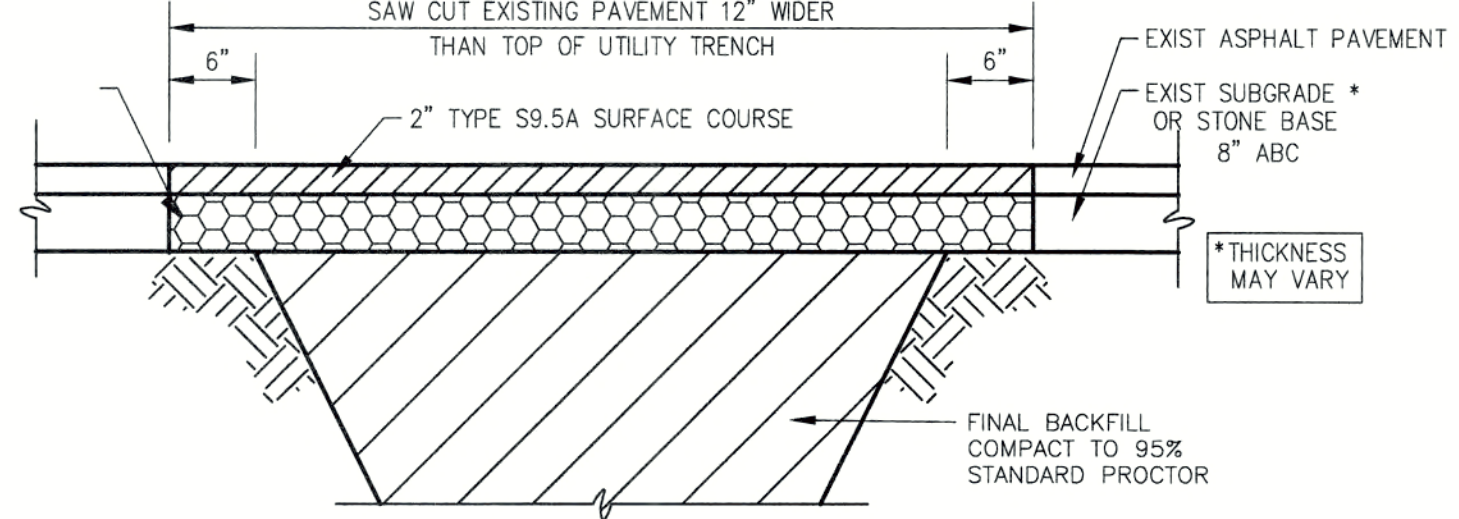
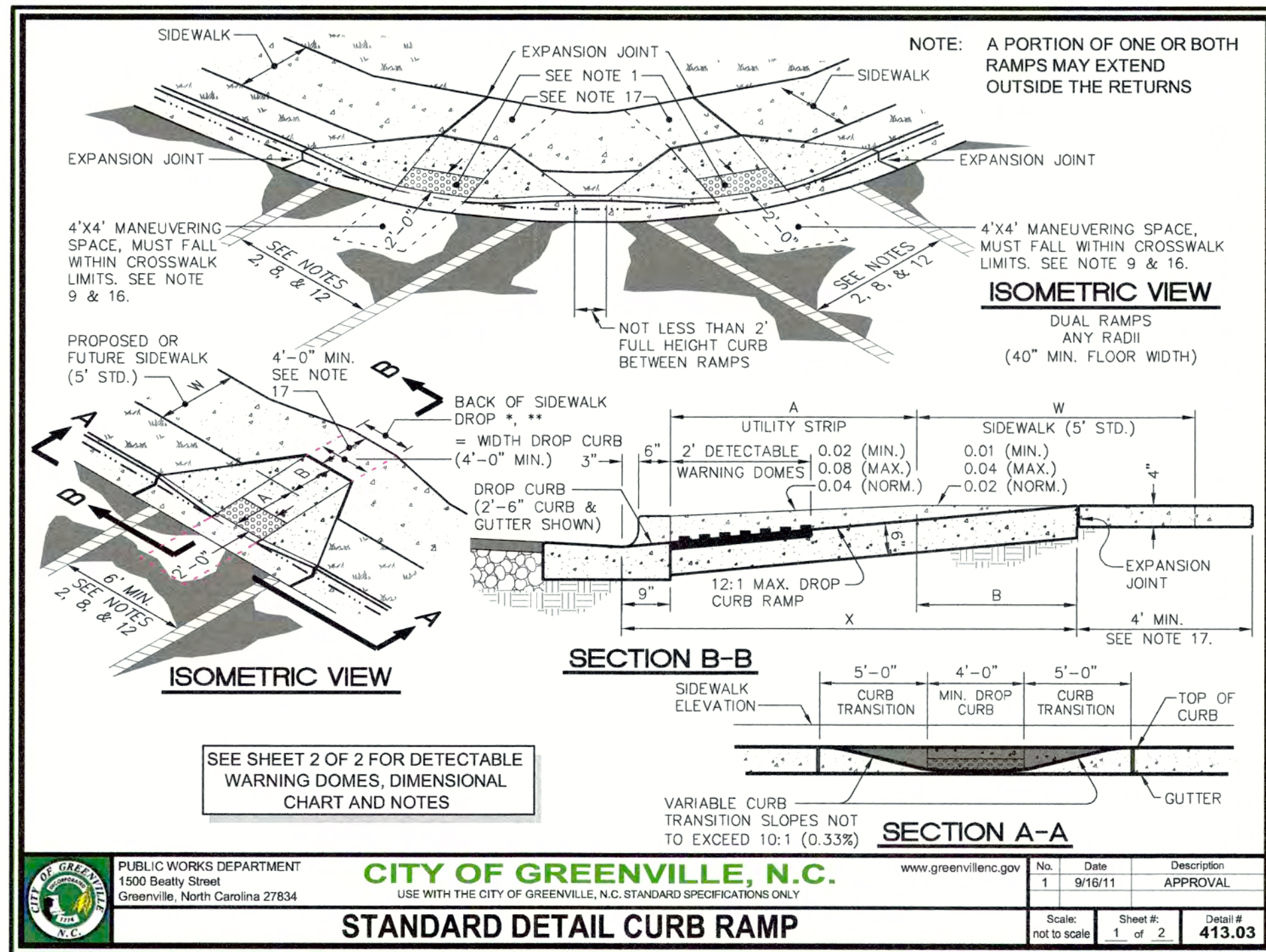
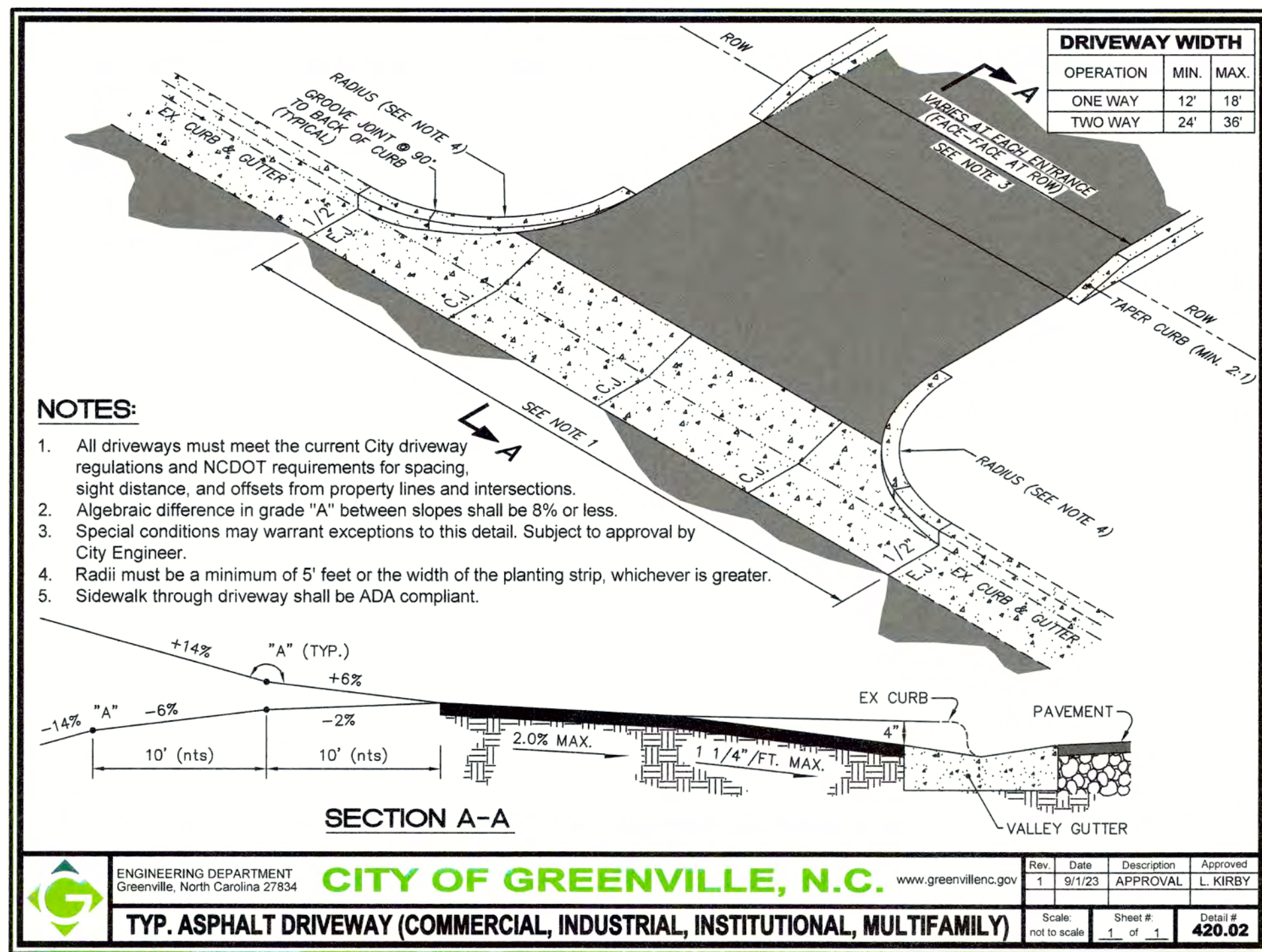
3 TYPICAL CONCRETE CURB & GUTTER
C3.1 N.T.S.



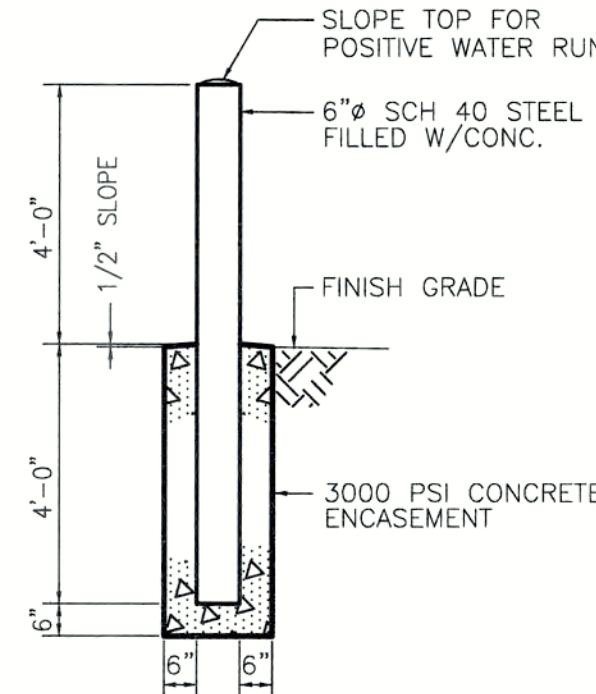
4 VALLEY GUTTER
C3.1 N.T.S.



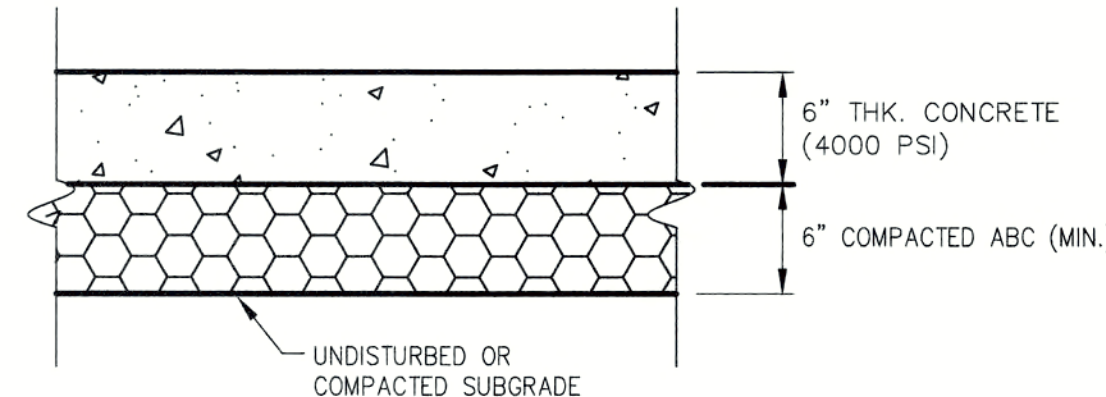
5 ADA SIGN DETAIL
C3.1 N.T.S.



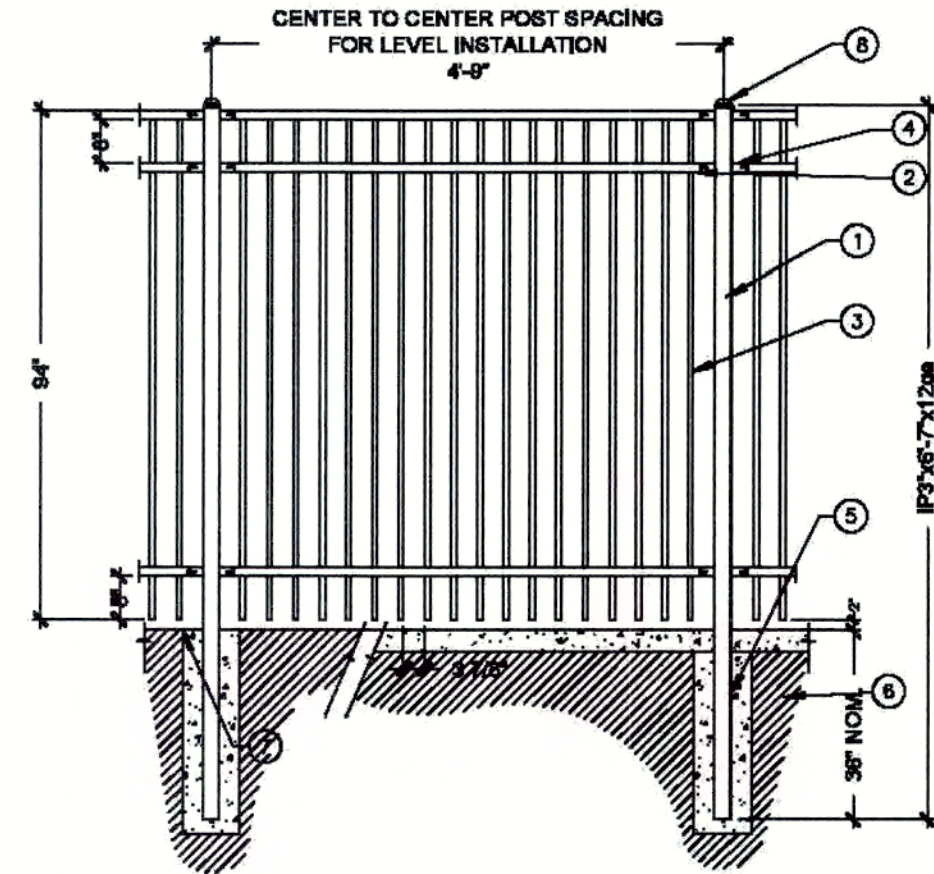
6 PAVEMENT REPAIR DETAIL
C3.1 N.T.S.



10 BOLLARD DETAIL
C3.1 N.T.S.

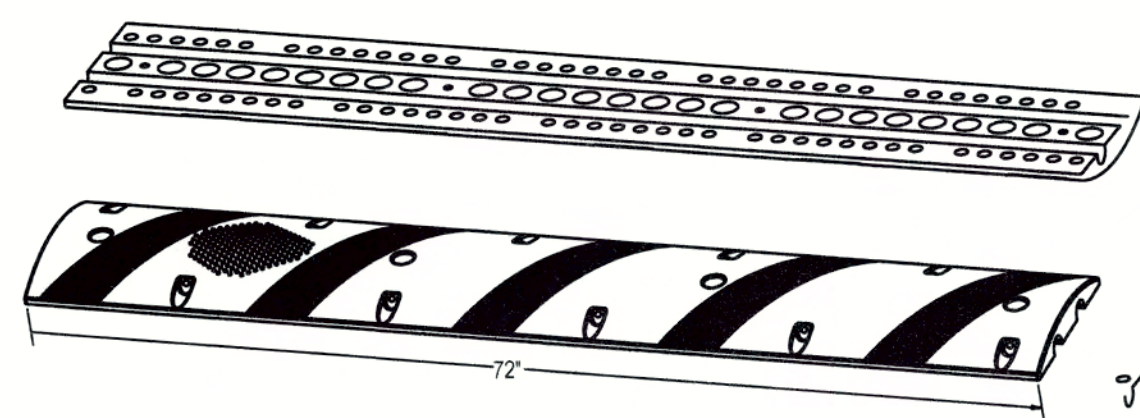


7 18" WIDE CONCRETE ACCENT BAND
C3.1 N.T.S.



- NOTES:
- SUBMIT SHOP DRAWINGS AND MATERIALS TO ARCHITECT/ENGINEER. COLOR TO BLACK.
 - FENCING SHALL BE 17'-0" MAX. AND 10' MIN. PANEL AS PROVIDED BY FORTRESS FENCE (GARLAND, TO OR APPROVED EQUAL).
 - SEND FENCE DETAILS TO FORTRESS TO CHECK AND ASK FORTRESS TO PROVIDE TECHNICAL SPEC THAT MATCH.
 - FENCING AND GATES THAT ARE NOT PER CODE OR PER FORTRESS FENCE STANDARDS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.
- 1 1" SQUARE POST
2 1 3/4" X 1 3/4" 12 GA
3 1" SQ. PICKET
4 BRACKETS
5 12" DIAMETER CONCRETE FOOTING (3,000 PSI CONCRETE)
6 ADJACENT CONCRETE SLAB TO GO OVER FOOTING
7 FINISHED GRADE TO COVER FOOTING WHEN FENCE IS IN LANDSCAPED AREA
8 12" X 12" PRESBURD DOME CAP

8 8' TUBULAR STEEL FENCE (180 LF)
C3.1 N.T.S.



- FEATURES:
- RECYCLED RUBBER
 - 1-YEAR WARRANTY AGAINST MANUFACTURE DEFECTS
 - REFLECTIVE CAT-EYES FOR NIGHTTIME VISIBILITY
 - TWO 1" DIAMETER CHANNELS
 - 4 MOUNTING HOLES
 - CONFORMS TO ASPHALT OR CONCRETE SURFACE WEIGHT: 56 LBS
- STANDARD COLORS:
- BLACK WITH YELLOW STRIPES
- ACCESSORIES:
- LAG BOLTS (CONCRETE APPLICATION) OR SPIKES (ASPHALT APPLICATION); SOLD SEPARATELY
 - RUBBER SPEED BUMP END CAPS; SOLD SEPARATELY.
- NOTES:
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DO NOT SCALE DRAWING.
 - THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 - ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 - CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER: SPEED BUMP

9 RUBBER SPEED BUMP DETAIL
C3.1 N.T.S.

REV	DATE	DESCRIPTION	CHK	BY
A	03/21/23	80% FOR OWNER REVIEW	MSC	APF
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F	07/26/23	ISSUED FOR BID	MSC	APF

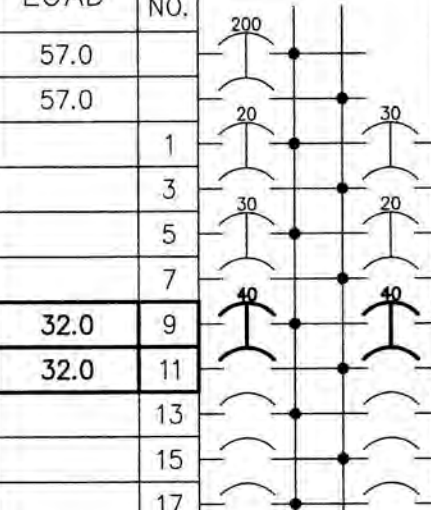
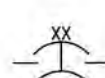
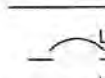
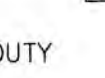
ELECTRICAL GENERAL NOTES	
1.	EC SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT AND NATURE OF THE WORK REQUIRED. ANY DIFFICULTIES IN COMPLYING WITH THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER PRIOR TO SUBMITTING A BID.
2.	PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT, AND PERFORM ALL OPERATIONS NECESSARY FOR THE INSTALLATION OF COMPLETE ELECTRICAL WORK WITHIN THE INTENT OF, AND AS INDICATED ON, THE DRAWINGS AND AS HEREIN SPECIFIED.
3.	CONTRACTOR'S QUALIFICATIONS: IT IS ASSUMED THE CONTRACTOR HAS HAD SUFFICIENT GENERAL KNOWLEDGE AND EXPERIENCE TO ANTICIPATE THE NEEDS OF CONSTRUCTION OF THIS NATURE. THE CONTRACTOR SHALL PROVIDE ALL ITEMS REQUIRED TO COMPLETE THE CONSTRUCTION IN ACCORDANCE WITH REASONABLE INTERPRETATION OF THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
4.	THE DESIGN CONTAINED IN THE CONTRACT DOCUMENTS IS BASED ON EQUIPMENT BY SPECIFIC MANUFACTURERS. SUBSTITUTION REQUESTS BY THE EC MAY ONLY BE MADE PRIOR TO SUBMITTING A BID AND WILL BE REVIEWED AT THE DISCRETION OF THE ENGINEER. WHEN ANY EQUIPMENT IS PROVIDED BY MANUFACTURERS OTHER THAN THOSE SPECIFIED, THE EC SHALL BE RESPONSIBLE FOR VERIFYING THAT SUCH EQUIPMENT WILL MEET THE DESIGN INTENT (DIMENSIONS, CAPACITIES, ELECTRICAL REQUIREMENTS, ETC.). ANY ADDITIONAL COSTS ASSOCIATED WITH PROVIDING SUCH EQUIPMENT, INCLUDING BUT NOT LIMITED TO INCREASING THE CAPACITY OF ELECTRICAL SERVICES (DISCONNECTS, BREAKERS, WIRING, CONDUIT, ETC.), INCREASING HOUSEKEEPING PAD SIZES, PROVIDING ADDITIONAL STRUCTURAL SUPPORT OR INSTALLATION OF EQUIPMENT IN DIFFERENT LOCATIONS THAN INDICATED ON THE DRAWINGS SHALL BE INCLUDED IN THE EC'S BID.
5.	EC SHALL OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, ETC. AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
6.	EC SHALL COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES. NO ALLOWANCES WILL BE MADE ON THE EC'S BEHALF FOR FAILURE TO COORDINATE WITH OTHER TRADES. ANY COORDINATION CONFLICTS WHICH ARISE SHALL BE IMMEDIATELY REPORTED TO THE GC AND OWNER'S REPRESENTATIVE.
7.	EC SHALL PROVIDE AND INSTALL ALL PHENOLIC NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT & DEVICES. LABEL SHALL INDICATE PANEL AND CIRCUIT NUMBER SUPPLYING POWER TO THE DEVICE. EC SHALL PROVIDE REQUIRED SIGNS FOR PANELS, SWITCHGEAR, STARTERS, VFDS, AND ETC. NAMEPLATES TO BE MECHANICALLY SECURED WITH NON-FERROUS FASTENERS.
8.	EC SHALL PROVIDE AND INSTALL ALL PHENOLIC NAMEPLATES FOR ALL ELECTRICAL SWITCHBOARDS & PANEL BOARDS. AT MINIMUM PROVIDE LABELING WITH WHITE LETTING ON BLUE BACKGROUND TO INDICATE PANEL ID, VOLTAGE, & WHERE PANEL IS FEED FROM. PROVIDE AN ADDITIONAL LABEL WITH WHITE LETTING ON BLACK BACKGROUND TO INDICATE PHASE, NEUTRAL, & GROUND COLOR CODING. ALL LABELS TO BE MECHANICALLY SECURED WITH NON-FERROUS FASTENERS.
9.	EC SHALL PROVIDE AND INSTALL ALL WARNING AND CAUTION SIGNS AS REQUIRED BY NEC & NFPA 70E FOR SWITCHBOARDS, PANELBOARDS, ETC., INCLUDING BUT NOT LIMITED TO, "WARNING - ARC FLASH HAZARD - APPROPRIATE PPE REQUIRED".
10.	ALL AFF DIMENSIONS ARE REFERENCED TO CENTER OF EQUIPMENT/DEVICE UNO.
11.	EACH RECEPTACLE CIRCUIT AND LIGHTING CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. ENSURE COMPLIANCE WITH NEC REGARDING ALLOWABLE AMPACITIES AND DERATING (ADJUSTMENT) FACTORS ON INSTALLATION OF CONDUIT AND CONDUCTORS.
12.	UPON MODIFICATION OR CONNECTION TO EXISTING SYSTEMS, POWER AND/OR SECONDARY SYSTEMS SHALL NOT BE INTERRUPTED WITHOUT PRIOR CONSENT OF OWNER AND A DEFINITE UNDERSTANDING OF THE DURATION OF THE OUTAGE.
13.	EC SHALL VERIFY ALL MECHANICAL LOADS FOR EXACT MINIMUM CIRCUIT AMPS AND MAXIMUM OVERCURRENT PROTECTION. EC SHALL ADJUST MAXIMUM OVERCURRENT PROTECTION, WIRE SIZES, AND CONDUIT SIZES TO MATCH REQUIREMENTS.
14.	ALL CONDUCTORS SHALL BE INSULATED COPPER UNLESS NOTED OTHERWISE. CONDUCTORS #10 AND SMALLER SHALL BE SOLID; CONDUCTOR #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS SHALL BE THWN-2 OR XHHW-2, 90° C RATED.
15.	ALL 208V/120V POWER WIRING INSULATION SHALL BE COLOR CODED (NO EXCEPTIONS). PHASE A-BLACK; PHASE B-RED; PHASE C-BLUE; NEUTRAL-WHITE; TRAVELERS-PURPLE; AND GROUNDING CONDUCTORS-GREEN. COLOR CODED TAPE NOT ALLOWED.
16.	WIRING DEVICES SHALL BE 20 AMP MINIMUM AND SHALL BE OF THE GROUNDING TYPE, WITH HEX-HEAD GREEN GROUNDING SCREW, TO BE CONNECTED TO THE GREEN GROUND CONDUCTOR. SELF-GROUNDING TYPE ARE NOT ACCEPTABLE. RECEPTACLES SHALL BE GENERAL USE MEETING NEMA WD 1, NEMA WD 6, DSCC W-0-5966, AND UL-498 AND SHALL BE APPROVED THIRD-PARTY LISTED.
17.	INSIDE CONDUITS SHALL BE EMT, IMC, OR RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.
18.	OUTSIDE ABOVE GROUND CONDUITS SHALL BE RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.
19.	CONDUITS MOUNTED 8"-0" AFF OR LESS. WHERE SUBJECT TO PHYSICAL DAMAGE, THE PORTION OF CONDUIT MOUNTED BELOW 8"-0" AFF SHALL BE RMC.
20.	UNDERGROUND CONDUITS SHALL BE RIGID GALVANIZED STEEL (RMC) OR PVC SCHEDULE 40 ONLY. ALL BENDS SHALL BE RIGID GALVANIZED STEEL. ALL CONCRETE SLAB PENETRATIONS SHALL BE RIGID GALVANIZED STEEL AND CONDUIT SHALL EXTEND AT A MINIMUM OF 1'-0" PAST TOP OF CONCRET SLAB. UNDERGROUND STEEL CONDUIT SHALL BE WRAPPED WITH BITUMEN TAPE TO 0'-6" ABOVE FINISHED GRADE.
21.	UNDERGROUND PVC CONDUITS SHALL BE INSTALLED AT A MINIMUM OF 36" BELOW FINISHED GRADE WITH DETECTABLE BURIAL TAPE. CHANGE FROM PVC TO RIGID GALVANIZED STEEL CONDUIT PRIOR TO TURNING UP AT ANY LOCATION. ALL EXCAVATION (DIGGING, TRENCHING, BACK FILLING, ETC.) SHALL BE PROVIDED BY CONTRACTOR. BOND RIGID GALVANIZED STEEL CONDUIT TO GROUND.
22.	WHERE CONDITIONS ALLOW, ALL UNDERGROUND CONDUITS AND UTILITIES SHALL HAVE METALIZED WARNING TAPE INSTALLED ABOVE THE CONDUIT THAT IDENTIFIES THE SYSTEM BURIED BELOW. TAPE SHALL CONSIST OF A MINIMUM 3.5 MIL SOLID FOIL CORE ENCASED IN A PROTECTIVE PLASTIC JACKET (TOTAL THICKNESS 5.5 MILS) AND BE 6" WIDE WITH BLACK LETTERING IMPRINTED ON A COLOR CODED BACKGROUND THAT CONFORMS TO APWA COLOR CODE SPECIFICATIONS. WARNING TAPE SHALL BE INSTALLED 18" ABOVE THE PIPE AND IN NO CASE LESS THAN 6" BELOW GRADE.
23.	ALL NON-METALLIC CONDUIT INSTALLED UNDERGROUND SHALL HAVE A TRACER WIRE INSTALLED ON THE TOP SIDE OF EACH CONDUIT. THE TRACER WIRE SHALL BE #12 COPPER-CLAD STEEL REINFORCED SINGLE CONDUCTOR WIRE INSULATED WITH ORANGE COLORED HDPE INSULATION (30 MILS) EQUAL TO COPPERHEAD INDUSTRIES BRAND. THE TRACER WIRE SHALL BE CONTINUOUS ALONG THE ENTIRE LENGTH OF THE CONDUIT AND SHALL TERMINATE WITH WATERPROOF CONNECTORS. PROVIDE 24" OF EXCESS TRACER WIRE IN EACH PULL BOX OR CONDUIT END.
24.	ELECTRICAL CONTRACTOR SHALL LOCATE ELECTRICAL CONDUITS OUTSIDE THE DRIP LINE OF EXISTING TREES TO THE GREATEST EXTEND POSSIBLE.
25.	EXISTING CONDITIONS THAT ARE NOT INDICATED TO BE DEMOLISHED, BUT ARE DAMAGED AS A RESULT OF THE WORK SHALL BE REPAIRED OR REPLACED BY THE EC TO MATCH EXISTING ADJACENT CONDITIONS.
26.	THE EC SHALL KEEP THE CONSTRUCTION AREA AND SURROUNDING AREAS FREE FROM THE ACCUMULATION OF WASTE MATERIALS AND DEBRIS CAUSED BY THE WORK.
27.	EC SHALL VERIFY EXISTING CONDITIONS PRIOR TO EXECUTION OF THE WORK. SOME OR ALL INFORMATION ABOUT EXISTING CONDITIONS SHOWN ON THE DRAWINGS MAY BE BASED SOLELY ON EXISTING RECORD DRAWINGS AND MAY OR MAY NOT HAVE BEEN VERIFIED BY THE ARCHITECT OR ENGINEER.
28.	UNLESS NOTED OTHERWISE, DEMOLISH AND REMOVE FROM THE PROJECT SITE ALL EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC. AS INDICATED ON THE DEMOLITION DRAWINGS OR OTHER DRAWINGS. ALL SYSTEMS SHALL BE DEMOLISHED BACK TO THE SOURCE AND CAPPED APPROPRIATELY.
29.	EXISTING EQUIPMENT OR DEVICES THAT ARE INDICATED TO BE REMOVED AND TURNED OVER TO OWNER SHALL BE REMOVED WITH DUE CARE AND DILIGENCE, CLEANED AND TURNED OVER TO THE OWNER.
30.	EXISTING EQUIPMENT OR DEVICES THAT ARE INDICATED TO BE REMOVED AND REINSTALLED/RELOCATED SHALL BE REMOVED WITH DUE CARE AND DILIGENCE, INSPECTED FOR PROPER OPERATION, CLEANED AND PREPARED FOR REINSTALLATION.
31.	ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE 3RD PARTY LISTED APPROVAL FOR THEIR INSTALLED APPLICATION.
32.	ALL DEVICES SHALL BE FLUSH-MOUNTED WITH CONCEALED WIRING UNLESS NOTED OTHERWISE.
33.	FOR ALL ELECTRICAL CIRCUITS, EC SHALL IDENTIFY THE CIRCUIT NUMBER IN THE DESIGNATED PANEL, SHALL MARK THE CIRCUIT NUMBER ON THE DRAWINGS, AND SHALL TURN OVER THE MARKED UP DRAWINGS TO OWNER. EC SHALL UPDATE THE PANEL SCHEDULES UPON COMPLETION OF CONSTRUCTION. IN THE EVENT THE PANEL(S) DO NOT HAVE ADEQUATE SPARE CIRCUITS OR CAPACITY, EC SHALL NOTIFY OWNER FOR RESOLUTION OF ISSUE.
34.	NEW AND EXISTING PANEL SCHEDULES SHALL BE UPDATED (TYPED-ONLY) UPON COMPLETION OF THE WORK TO ACCURATELY INDICATE INSTALLED CONDITIONS.
35.	CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL COORDINATE LOCATING EXISTING UNDERGROUND UTILITIES WITH OWNER, OWNER'S ON-SITE ENGINEER, AND NC ONE CALL (811) PRIOR TO ANY WORK.
36.	EC SHALL BE LICENSED IN NC, AND SHALL INSTALL ALL ELECTRICAL EQUIPMENT, WIRING, DEVICES, ETC. AS PER NEC, AND OTHER APPLICABLE STATE AND LOCAL CODES.

LEGEND	
	GROUND FAULT INTERRUPTED DUPLEX RECEPTACLE, 20 AMP, 120VAC, 18" AFF UNO. WHERE ABOVE COUNTER OR SINK, MOUNT 4" ABOVE COUNTER TOP OR TOP OF BACK SPLASH WHICH EVERY IS HIGHEST UNO. WHERE SHOWN, "WP IU" INDICATES WEATHER PROOF IN USE COVER.
	SPECIAL PURPOSE OUTLET, SINGLE RECEPTACLE, 30 AMP, 240 VAC, 18" AFF UNO. NEMA L14-30R.
	SINGLE POINT ELECTRICAL CONNECTION TO PACKAGED ELECTRICAL EQUIPMENT.
	JUNCTION BOX/DEVICE BOX WITH COVER. LOCATE AS REQUIRED FOR EQUIPMENT SERVED.
	DEVICE AS INDICATED.
	ELECTRICAL PANEL, SURFACE MOUNTED, TOP OF PANEL 72" AFF UNO. "XXXX" INDICATES PANEL TAG.
	ELECTRICAL PANEL, FLUSH MOUNTED, TOP OF PANEL 72" AFF UNO. "XXXX" INDICATES PANEL TAG.
	NON-FUSED DISCONNECT SWITCH, "NF" INDICATES NON-FUSED, "YY" INDICATES SWITCH AMPS.
	FUSED DISCONNECT SWITCH, "XX" INDICATES FUSE AMPS, "YY" INDICATES SWITCH AMPS.
	REFERENCE TO ENLARGED PLAN, ELEVATION, SECTION, OR DETAIL TOP SECTION INDICATES ENLARGED PLAN, ELEVATION, SECTION OR DETAIL NUMBER. BOTTOM SECTION INDICATES DRAWING ON WHICH ENLARGED PLAN, ELEVATION, SECTION OR DETAIL APPEARS.
	NOTE NUMBER, WHERE "#" INDICATES NOTE NUMBER.
	ROOM NUMBER, WHERE "###" INDICATES ROOM NUMBER.
	HOMERUN TO PANELBOARD. XXXX-XX INDICATES PANELBOARD & CIRCUIT NUMBER (1 #10 LINE, 1 #10 NEUTRAL, 1 #10 GND, 3/4" C, UNO.)
	HOMERUN TO PANELBOARD. XXXX-XX,XX INDICATES PANELBOARD & CIRCUIT NUMBER (2 #10, 1 #10 GND, UNO, 3/4 C, UNO.)
	UNSWITCHED CIRCUIT (2 #12, 1 #12 GND, 3/4" C, UNO.)
	SWITCHED CIRCUIT (2 #12, 1 #12 GND, 3/4" C, UNO.)
	GROUND, EXTEND AND CONNECT TO APPROVED GROUND.

ELECTRICAL LOAD SUMMARY	
ELECTRICAL:	
EXISTING PEAK KW DEMAND (PAST 12 MONTHS):	2.09 KW
EXISTING KW @ 0.85 PF (2.09 KW/0.85 PF):	2.46 KVA
EXISTING KVA @ 125%	3,075 VA
DEMAND LOAD - NEW POWER	
- RECEPTACLES -120VAC	360 VA
- RECEPTACLES -240VAC	11,520 VA
- CHARGING STATION #1	7,680 VA
- CHARGING STATION #2	7,680 VA
	27,240 VA
DEMAND LOAD - EXISTING TO BE DEMOLISHED	
- NONE	0 VA
NET BUILDING LOAD - EXISTING PLUS NEW MINUS EXISTING	27,240 VA

MISCELLANEOUS EQUIPMENT SCHEDULE	
DESCRIPTION	MANUFACTURER AND MODEL NUMBER
5"x5" HINGE TOP WITH INTEGRAL BASE, POLISHED STAINLESS STEEL FINISH, 18" HIGH, ONE DUPLEX 20A RECEPTACLE & ONE 30A RECEPTACLE INSERT, RAIN-PROOF	PEDOC POWER SOLUTIONS - 5P18-SS-HT-144 OR EQUAL
20 AMP, 125 VOLT, NEMA 5-20R, FLUSH MOUNT GFCI RECEPTACLE W/ LED INDICATOR LIGHT, GROUNDING, WEATHER RESISTANT AND TAMPER RESISTANT LISTED, BLACK	LEVITON - 014-W7899-TRE OR EQUAL
30 AMP, 250/125 VOLT, NEMA L14-30R, FLUSH MOUNT RECEPTACLE, BLACK	LEVITON - 2710 OR EQUAL
GROUND MOUNTED PULL BOX, MINIMUM OF 24" WIDE X 24" LONG X 24" DEEP (APPROX. DIMS), HIGH DENSITY POLYMER-CONCRETE, OPEN BOTTOM, WATER TIGHT PULL BOX WITH HIGH DENSITY ONE PIECE BOLTABLE AND GASKETED LID. PULL BOX AND LID SHALL BE RATED FOR TIER 22 MINIMUM. ALL ELECTRICAL PULL BOXES SHALL HAVE THE WORD "ELECTRIC" MOLDED IN THE LID. TOP OF PULL BOX SHALL BE INSTALLED FLUSH WITH FINISHED GRADE. COORDINATE EXACT MOUNTING LOCATION OF PULL BOXES WITH OWNER PRIOR TO INSTALLATION.	QUAZITE - PG2424BA24 (BOX) OR EQUAL - PG2424HH0017 (COVER LID) OR EQUAL

EXISTING

PANELBOARD			MDP			VOLTAGE: ☒ 240/120V., 1 PHASE, 3 WIRE			
MOUNTING: ☐ FLUSH ☐ SURFACE		MAIN: ☐ LUGS ONLY ☒ MAIN BREAKER		BUS: 400 A TRIP: 400 A		☐ TOP ☒ BOTTOM		NEUTRAL: ☐ NONE ☐ 50% ☒ 100%	
COVER: ☒ DOOR WITH LOCK ☐ DOOR WITHOUT LOCK			☒ WITH HINGABLE COVER ☐ WITHOUT HINGABLE COVER			ALL BRANCH BREAKERS 20A 1 POLE UNLESS NOTED OTHERWISE U/L LISTED BREAKER INTERRUPTING CAPACITY: 22,000 A RMS. SYM. MIN.			
DESCRIPTION	LOAD	CKT NO.		CKT NO.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)		
							L1	L2	
PANEL A (SUBFEED)	57.0								
	57.0								
GATEWAY COLUMN LIGHTING		1		2	G WALL LIGHTING				
		2		3					
		3		4					
		4		5					
SPARE		5		6	ART GATEWAY LIGHTING				
		6		7					
		7		8					
EV CHARGING STATION #1 ~ (SEE NOTE #1)	32.0	9		9	EV CHARGING STATION #2 ~ (SEE NOTE #1)	32.0	64.0		
	32.0	11		12		32.0		64.0	
SPACE		13		14	SPACE				
SPACE		15		16	SPACE				
SPACE		17		18	SPACE				
PANELBOARD LOCATION: OUTSIDE ENCLOSURE			MANUFACTURER: EATON			TOTAL L1			
			MODEL/CAT. NO.: PRL1A			TOTAL L2			
			FEED:						
KEY:	 MULTIPOLE BREAKER	 GFI BREAKER	 PADLOCK ATTACH	 LOCKOFF ATTACH	 SWITCH DUTY	 HID RATED	 ARC FAULT		

(EXISTING PANELBOARD SHOWN FOR REFERENCE ONLY, CIRCUITS HAVE NOT BEEN FIELD VERIFIED)

- + NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER
- * EXISTING SPARE CIRCUIT BREAKER TO BE USED
- ~ NEW CIRCUIT BREAKER IN EXISTING SPACE
- ^ NEW CIRCUIT BREAKER, EXISTING CIRCUIT BREAKER TO BE REMOVED

NOTES:
1. ADD ALTERNATE #3.

EXISTING

PANELBOARD A			VOLTAGE: ☒ 240/120V., 1 PHASE, 3 WIRE					
MOUNTING: ☒ FLUSH SURFACE	MAIN: ☒ LUGS ONLY	☒ MAIN BREAKER	BUS: 225 A TRIP: NA A	FRAME: _____ A	☒ TOP ☒ BOTTOM	NEUTRAL: ☐ NONE	☐ 50% ☒ 100%	
COVER: ☒ DOOR WITH LOCK ☐ DOOR WITHOUT LOCK		☐ WITH HINGABLE COVER ☐ WITHOUT HINGABLE COVER	ALL BRANCH BREAKERS 20A 1 POLE UNLESS NOTED OTHERWISE U/L LISTED BREAKER INTERRUPTING CAPACITY: 10,000 A RMS. SYM. MIN.					
DESCRIPTION	LOAD	CKT NO.		CKT NO.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)	
							L1	L2
DUPLEX RECEPTACLE - CABINET	1.5	1		2	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	3		4	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	5		6	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	7		8	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	9		10	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	11		12	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	13		14	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	15		16	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	17		18	SPARE	0.0	1.5	
DUPLEX RECEPTACLE - CABINET	1.5	19		20	SPARE	0.0		1.5
DUPLEX RECEPTACLE - CABINET	1.5	21		22	TIME CLOCK	1.0	2.5	
DUPLEX RECEPTACLE - CABINET	1.5	23		24	SPARE	0.0		1.5
SPACE	0.0	25	26	SPARE	0.0	0.0		
VENDOR POWER STATION #1A ~	1.5	27		28	SPARE	0.0		1.5
	24.0	29		30	SPARE	0.0	24.0	
VENDOR POWER STATION #1A ~	1.5	31		32	SPARE	0.0		24.0
	24.0	33		34	SPARE	0.0	1.5	
VENDOR POWER STATION #1B ~	24.0	35		36	SPACE	0.0		24.0
	24.0	37		38	SPACE	0.0	24.0	
SPACE	0.0	39		40	SPACE	0.0		0.0
SPACE	0.0	41		42	SPACE	0.0	0.0	
PANELBOARD LOCATION: _____			MANUFACTURER: EATON					
_____			MODEL/CAT. NO.: PRL1A					
_____			FEED: _____					
						TOTAL L1 65.5		
						TOTAL L2 64.5		
KEY: MULTIPOLE BREAKER GFI BREAKER PADLOCK ATTACH LOCKOFF ATTACH SWITCH DUTY HID RATED ARC FAULT								

(EXISTING PANELBOARD SHOWN FOR REFERENCE ONLY, CIRCUITS HAVE NOT BEEN FIELD VERIFIED)

- + NEW LOAD ADDED TO EXISTING CIRCUIT BREAKER
- * EXISTING SPARE CIRCUIT BREAKER TO BE USED
- ~ NEW CIRCUIT BREAKER IN EXISTING SPACE
- ^ NEW CIRCUIT BREAKER, EXISTING CIRCUIT BREAKER TO BE REMOVED

NOTES:
1. ADD ALTERNATE #2.

ALTERNATES	
1.	ADD ALTERNATE #1: PARKING LOT - SEE CIVL.
2.	ADD ALTERNATE #2: VENDING TRUCK RECEPTACLES & CIRCUITING.
3.	ADD ALTERNATE #3: ELECTRIC VEHICLE CHARGING STATIONS & CIRCUITING.

ELECTRICAL DRAWING INDEX	
E0.1	ELECTRICAL LEAD SHEET
E1.1	ELECTRICAL SITE POWER PLAN

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SEAL

CHK		BY		DATE		DESCRIPTION	
REV	A	03-31-23	85% FOR OWNER REVIEW				
	B	03-30-23	100% FOR OWNER REVIEW				
	C	03-29-23	ISSUE FOR BID				

TGC PROJECT NO: 20220184

CLIENT PROJECT NO:

PROJECT TITLE

Greenville
NORTH CAROLINA

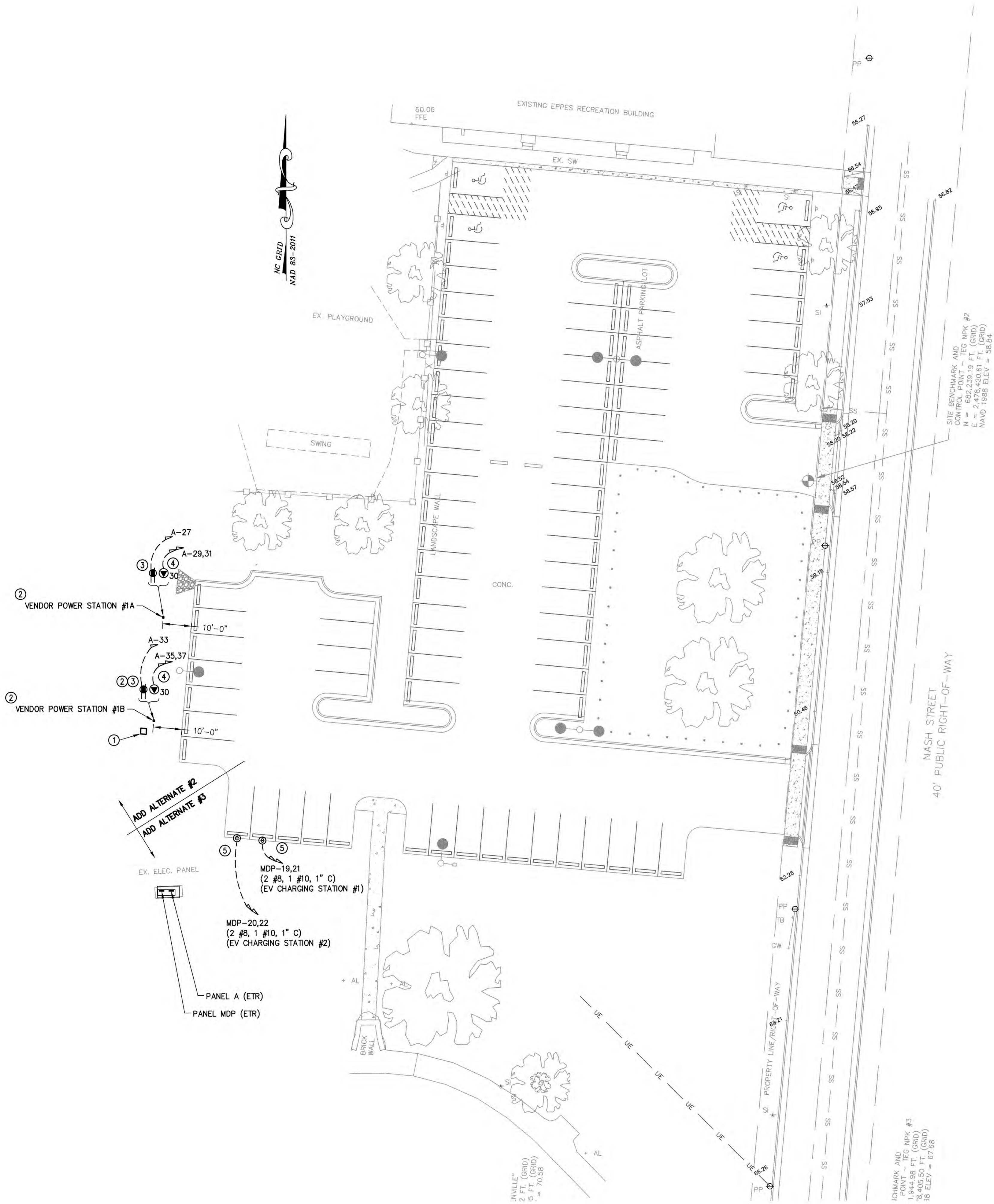
FOREMAN PARK PARKING EXPANSION

DRAWING TITLE

ELECTRICAL LEAD SHEET

DRAWING NO:

E0.1



- NOTES
1. ADD ALTERNATE #2: 24"W X 24"L X 24"D GROUND MOUNTED PULL BOX FOR ROUTING OF CIRCUITING BETWEEN PANEL 'A' & RECEPTACLE OUTLET STANDS. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT & OWNER PRIOR TO INSTALLATION. PROVIDE MINIMUM OF 1'-0" DEPTH OF #57 STONE BELOW BOTTOM OF GROUND MOUNTED PULL BOX. EXTEND STONE MINIMUM OF 1'-0" BEYOND ALL SIDES OF PULL BOX.
 2. ADD ALTERNATE #2: RECEPTACLE OUTLET STAND. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. STAND IS PROVIDED FOR ONE 120VAC DUPLEX RECEPTACLE OUTLET & ONE 240VAC 30A RECEPTACLE OUTLET. LOCATE STAND FROM THE BACK OF CURB AS INDICATED, CENTER THE STAND WITHIN THE 2ND PARKING SPACE. POSITION STAND TO ALLOW THE RECEPTACLE OUTLET TO FACE AWAY FROM THE PARKING LOT. PROVIDE A 12 INCH DIAMETER CONCRETE MOUNTING BASE FOR MOUNTING OF RECEPTACLE OUTLET STAND. CONCRETE MOUNTING BASE SHALL EXTEND 6 INCHES ABOVE FINISHED GRADE AND EXTENT 24 INCHES BELOW FINISHED GRADE. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
 3. ADD ALTERNATE #2: DUPLEX 120VAC 20 AMP RECEPTACLE OUTLET. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. RECEPTACLE OUTLET MOUNTED INSIDE OF RECEPTACLE OUTLET STAND.
 4. ADD ALTERNATE #2: 240VAC 30 AMP RECEPTACLE OUTLET PROVIDED FOR VENDING FOOD TRUCK POWER. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. RECEPTACLE OUTLET MOUNTED INSIDE OF RECEPTACLE OUTLET STAND.
 5. ADD ALTERNATE #3: EV CHARGING STATION. ROUTE WIRING INSIDE OF PEDESTAL. FINAL CONNECTION TO POWER STATION BY EC.

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SEAL

SEAL

SEAL

NOV 2023
DAVID L. MEERS
ENGINEER
041433
11-26-2023

REV	DATE	DESCRIPTION	BY	CHK
A	03-31-23	ISSUE FOR OWNER REVIEW	DLM	
B	05-30-23	100% FOR OWNER REVIEW	DLM	
C	08-26-23	ISSUE FOR BID	DLM	

TEC PROJECT NO. 20220184

CLIENT PROJECT NO.

PROJECT TITLE
Greenville
NORTH CAROLINA

FOREMAN PARK PARKING EXPANSION

DRAWING TITLE
ELECTRICAL
SITE POWER PLAN

DRAWING NO.
E1.1