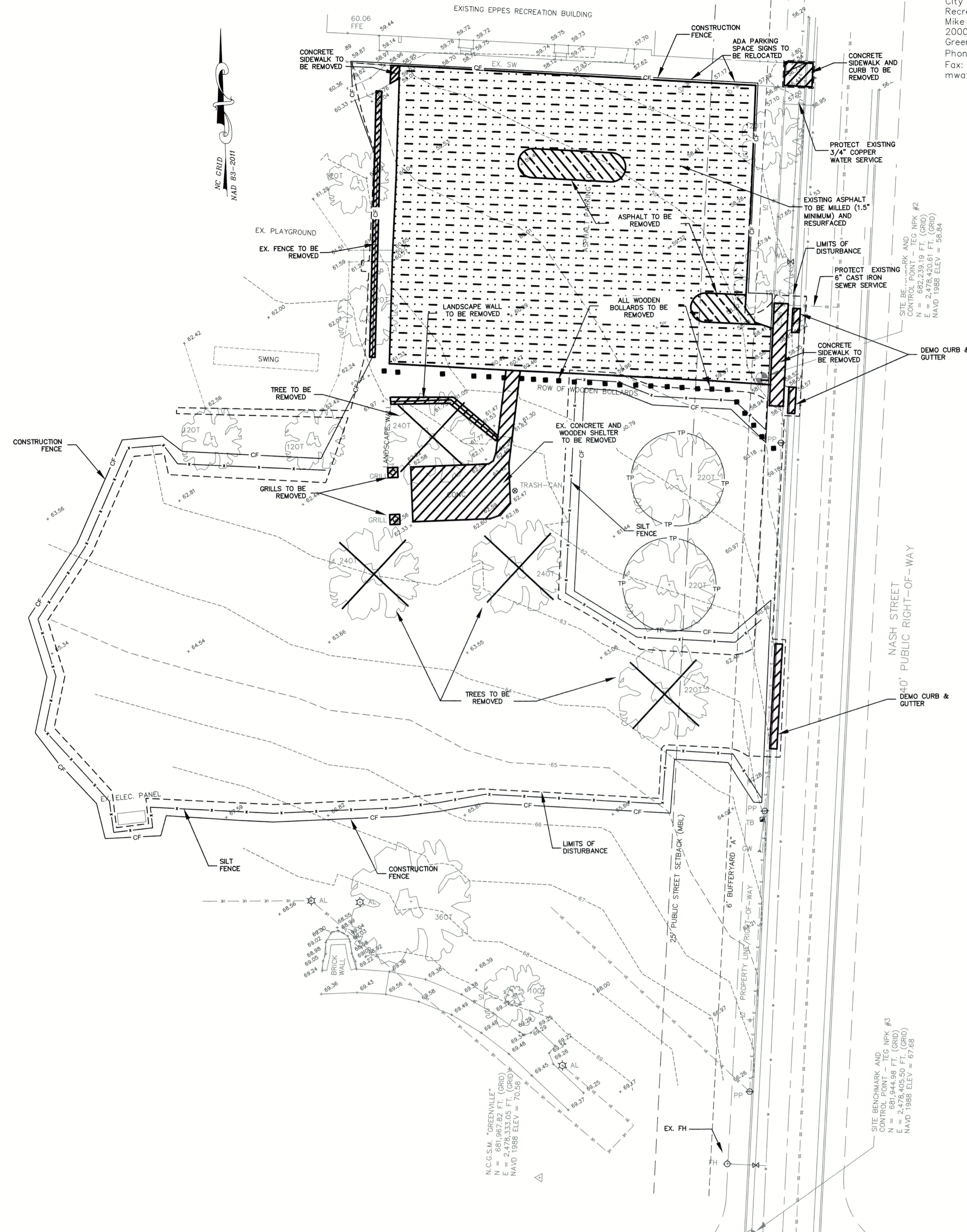


VICINITY MAP
NOT TO SCALE

SHEET INDEX

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



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 _____	
<input type="checkbox"/> Approved	<input type="checkbox"/> 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 WASH 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.

DEMOLITION NOTES:

1. CONTRACTOR SHALL PROVIDE 6" HT. MIN. CHAIN LINK CONSTRUCTION FENCING TO SECURE PROJECT SITE.
2. BACKFILL ALL REMOVED UTILITY TRENCHES, TREE REMOVAL, ETC. WITH SELECT FILL, COMPACTED TO 95% STANDARD PROCTOR.
3. CONTRACTOR IS RESPONSIBLE FOR CLEAN OUT OF EXISTING STORM DRAINAGE LOCATED WITHIN THE CONSTRUCTION LIMITS.
4. ALL CONCRETE AND ASPHALT REMOVED SHALL BE SAW CUT OR REMOVED TO NEXT EXPANSION JOINT.
5. PROVIDE TREE PROTECTION FENCING TO ALL EXISTING TREES WITHIN 10' OF CONSTRUCTION LIMITS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL STORM WATER DRAINAGE OUTFALLS DURING CONSTRUCTION.
7. 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.
8. CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS FROM DAMAGE DURING CONSTRUCTION AND SHALL RESTORE ANY DAMAGED IMPROVEMENTS AT THE END OF CONSTRUCTION.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL UTILITY SERVICES, DRAINAGE, ETC., TO THIS AREA OR ADJACENT AREAS DURING DEMOLITION AND CONSTRUCTION.
10. ALL DEBRIS FROM DEMOLITION ACTIVITIES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL AGENCIES HAVING JURISDICTION.

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
x	=	EX. SPOT ELEVATION
---	=	EX. STORM DRAIN
---	=	EX. OVERHEAD ELECTRIC
---	=	EX. FORCE MAIN
---	=	EX. GAS MAIN
---	=	EX. WATER MAIN
---	=	ABANDONED WATER MAIN
PP	=	POWER POLE
GW	=	GUY WIRE
AL	=	AREA LIGHT

DEMOLITION LEGEND:

	REMOVE ASPHALT
	REMOVE CONCRETE
	MILL & RESURFACE
	TREE PROTECTION
	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, (GREG) 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.



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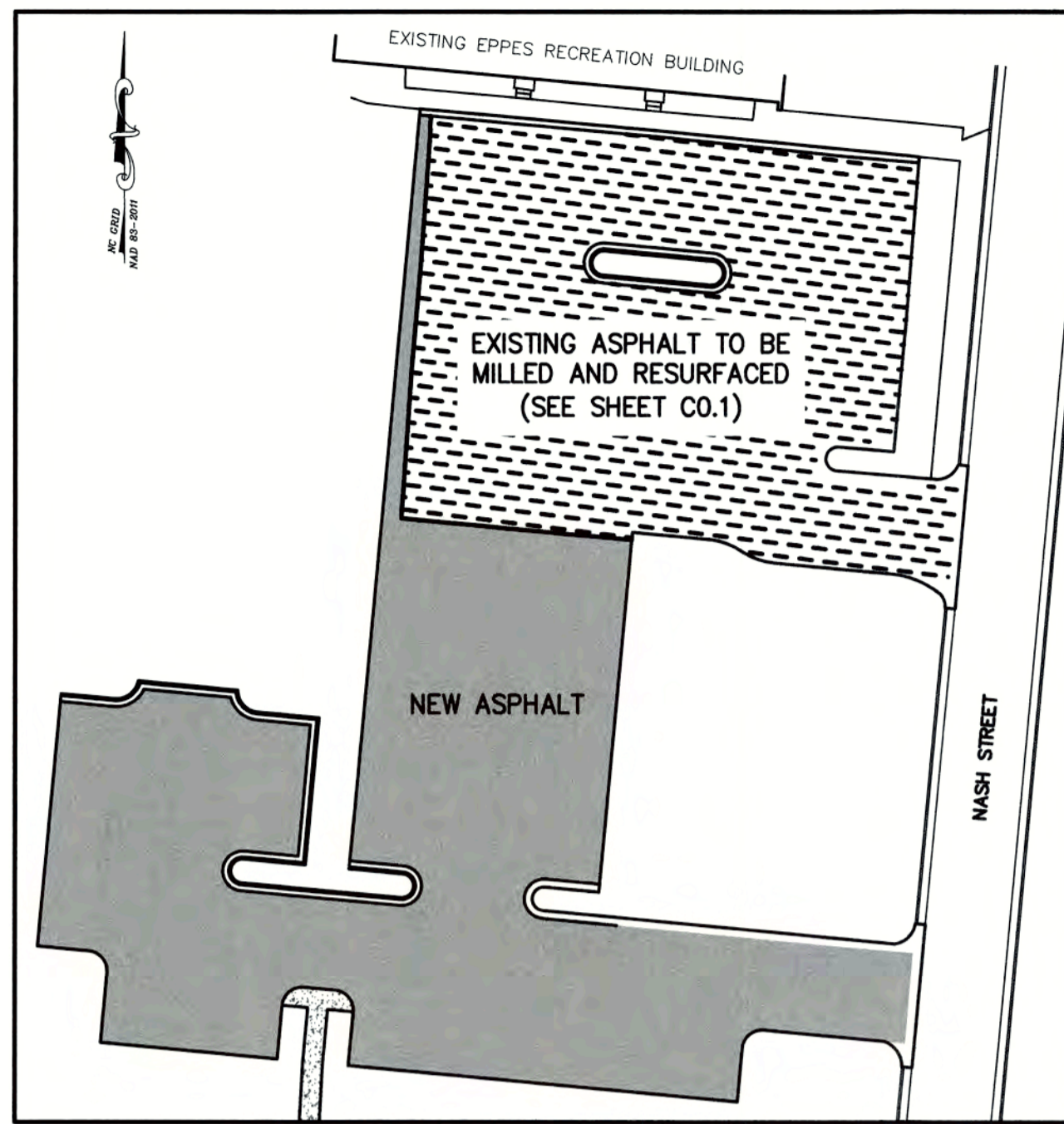


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NC Engineering License No. C-0206
NC Architectural License No. 50213
NC Landscape Architectural License No. C-427

Professional Seal for **Michelle Stewart**, Surveyor, License No. 02942.

REV	DATE	DESCRIPTION	CHK	BY
A	03/21/23	95% FOR OWNER REVIEW	MSC	APF
B	07/19/23	100% FOR OWNER REVIEW	MSC	APF
C	08/03/23	SUBMIT TO COG FOR SITE PLAN	MSC	APF
D	08/12/23	RESPONSE TO COG COMMENTS	MSC	APF
E	09/26/23	RESPONSE TO COG COMMENTS #2	MSC	APF
F	09/26/23	ISSUED FOR BID	MSC	APF

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 PAVEMENT VS. PAVEMENT REHAB KEY

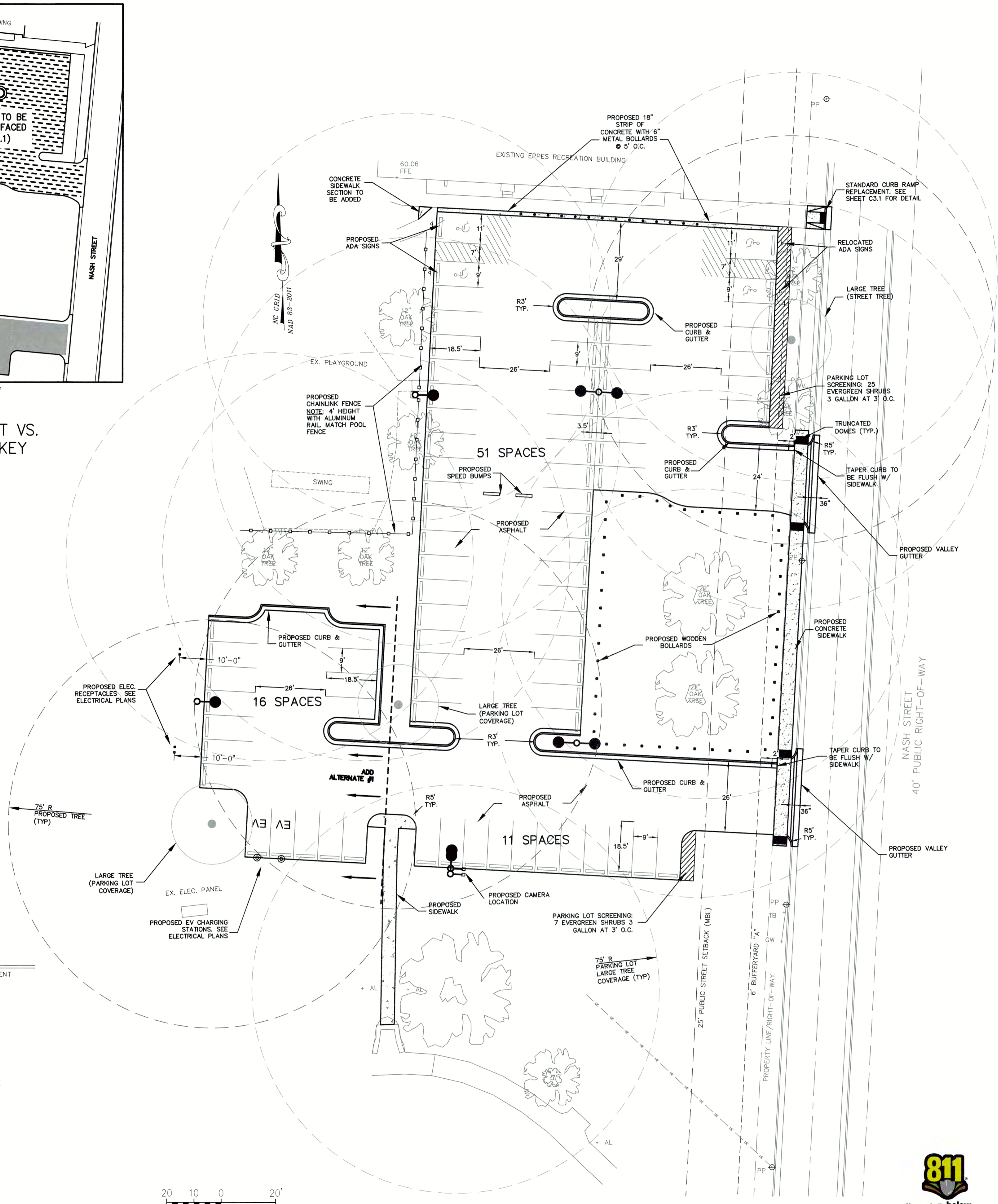


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LEGEND

ECM	=	EXISTING CONCRETE MONUMENT
EIP	=	EXISTING IRON PIPE
EIS	=	EXISTING IRON STAKE
NIP	=	NEW IRON PIPE
NPK	=	NEW PK NAIL
AC	=	ASBESTOS CONCRETE PIPE
CI	=	CAST IRON
CLF	=	CHAIN LINK FENCE
CSW	=	CONCRETE SIDEWALK
DIP	=	DUCTILE IRON PIPE
GW	=	GUY WIRE
MH	=	MANHOLE
OT	=	OAK TREE
PCT	=	PECAN TREE
PP	=	POWER POLE
RCP	=	REINFORCED CONCRETE PIPE
SI	=	SIGN
TC	=	TERRA COTA PIPE
VC	=	VITRIFIED CONCRETE PIPE
WV	=	WATER VALVE
---	=	NOT TO SCALE
○	=	NO POINT SET
E	=	OVERHEAD ELECTRIC
SS	=	SEWER LINE
SD	=	STORM DRAIN
W	=	WATER LINE
●	=	PROPOSED SITE LIGHTING
PP	=	POWER POLE
GW	=	GUY WIRE
AL	=	AREA LIGHT



GENERAL NOTES:

- SITE SHALL MEET ALL RELATED ACCESSIBILITY REQUIREMENTS.
- ACCESSIBLE ROUTE IS PROPOSED FROM EXISTING SIDEWALKS AND ACCESSIBLE PARKING SPACES TO WELCOME CENTER AND PLAYGROUND.
- NO WATERBODIES SUBJECT TO TAR PAMLICO BUFFER RULES EXIST WITHIN THE DISTURBED LIMITS OF THE PROJECT AREA.
- THIS PROJECT DOES NOT DISTURB WETLANDS.
- EROSION CONTROL PLAN IS NOT REQUIRED.
- THIS PROJECT DOES NOT INCREASE THE RATE OF RUNOFF MORE THAN 10%. A CITY OF GREENVILLE STORMWATER PERMIT IS NOT INCLUDED OR ANTICIPATED TO BE NEEDED.
- CITY OF GREENVILLE DRIVEWAY PERMIT IS REQUIRED.
- ANY UNUSED DRIVEWAY MUST BE CLOSED IN ACCORDANCE WITH THE CITY OF GREENVILLE'S DRIVEWAY ORDINANCE.
- CONTRACTOR MUST NOTIFY ONE - CALL CENTER, INC. (NC ONE-CALL) (811) AT LEAST 72 HOURS PRIOR TO THE START OF EXCAVATION OR TRENCHING TO HAVE ALL UNDERGROUND UTILITIES LOCATED.
- ALL REQUIRED IMPROVEMENTS SHALL CONFORM TO THE CITY OF GREENVILLE MANUAL OF STANDARD DESIGNS AND DETAILS (MSDD).
- CONTRACTOR SHALL NOTIFY CITY OF GREENVILLE ENGINEERING DEPARTMENT AT 252-329-4888, 48 HOURS PRIOR TO MAKING CONNECTIONS TO EXISTING STORM DRAINS LOCATED WITHIN PUBIC STORM DRAINAGE EASEMENTS OR RIGHT-OF-WAY.
- THIS PROPERTY IS LOCATED IN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. THIS PROPERTY IS LOCATED IN ZONE(S) 4E, AS SHOWN ON FIRM PANEL NUMBER 3720468800K, COMMUNITY NUMBER 370191, INDEX DATE 7/7/14 (BFE= 22.2).
- LANE CLOSURES ON THOROUGHFARE ROADS ARE ONLY PERMITTED BETWEEN THE HOURS OF 9:00AM AND 4:00PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE TRAFFIC ENGINEER. IN ADDITION, THERE WILL BE NO LANE CLOSURES ON HOLIDAYS INCLUDING THE DAY BEFORE OR AFTER SAID HOLIDAY. A TRAFFIC CONTROL PLAN PREPARED IN ACCORDANCE WITH THE NCDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES IS REQUIRED FOR ALL LANE CLOSURES AND MUST BE APPROVED BY THE TRAFFIC ENGINEER.
- ALL SITE LIGHTING SHALL COMPLY WITH THE LIGHTING STANDARDS FOR THE CITY OF GREENVILLE.
- CONTACT CITY OF GREENVILLE ENGINEERING DEPARTMENT AT 252-329-4888 FOR PRE-POUR INSPECTION PRIOR TO POURING CONCRETE IN RIGHT OF WAY.
- REFUSE COLLECTION METHOD: PUBLIC SERVICE. CARDBOARD IS NOT ACCEPTED BY THE LANDFILL. CARDBOARD (RECYCLE) CONTAINER SITES (PADS) OR OTHER OUTSIDE STORAGE/STACKING (RECYCLE) AREAS SHALL BE LOCATED.
RESIDENTIAL: PUBLIC SERVICE REQUIRED PER TITLE 6, CHAPTER 3 OF THE CITY CODE.
NON-RESIDENTIAL: PRIVATE SERVICE ONLY. THE APPLICANT SHALL, AT THE TIME OF APPLICATION, SPECIFY THE METHOD OF PRIVATE REFUSE DISPOSAL. SERVICEABLE CONTAINER SITES (PADS) SHALL BE LOCATED FOR IMMEDIATE OR FUTURE USE REGARDLESS OF THE DISPOSAL OPTION.
THE LOCATION(S) AND DESIGN DETAILS FOR SUCH CONTAINER SITES (PADS) SHALL BE APPROVED BY THE CITY ENGINEER IN ACCORDANCE WITH THE MANUAL OF STANDARDS, DESIGNS AND DETAILS.
- UNLESS SHOWN HEREON, NO ENCROACHMENT OF ANY TYPE, INCLUDING CLEARING, FILLING, EXCAVATION, GRADING, NEW CONSTRUCTION, SUBSTANTIAL IMPROVEMENTS, OR OTHER TYPES OF DEVELOPMENT ARE PERMITTED IN THE FLOODWAY AS DENOTED ON THIS PLAN UNLESS A "NO-RISE CERTIFICATION" IS PROVIDED IN ACCORDANCE WITH THE FLOOD DAMAGE PREVENTION ORDINANCE.
- NEW BUILDINGS MUST COMPLY WITH NC FIRE CODE SECTION 510 - EMERGENCY RESPONDER RADIO COVERAGE.
- 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.
- PARKING LOT LIGHTING TO BE INSTALLED BY GUC. LILIGHTS SHALL BE CONCRETE POLES WITH LED COBRA HEADS. SEE PLANS FOR LOCATION, ORIENTATION, AND NUMBER OF HEADS PER POLE.

CITY OF GREENVILLE PLANTING NOTES:

A. MINIMUM PLANT SIZES SHALL BE IN ACCORDANCE WITH THE ZONING REGULATIONS AS FOLLOWS:

PLANTING MATERIAL TYPE	MINIMUM PLANTING SIZE
1. LARGE TREE - SINGLE STEM	10' (HEIGHT) AND 2" CAL.
	MULTI-STEM 10' (HEIGHT)
2. SMALL TREE	8' (HEIGHT) AND 1.5" CAL.
3. SHRUB	18" (HEIGHT) EXCEPT AS PROVIDED UNDER 9-4-267

- NO PORTION OF ANY PARKING AREA, INCLUDING ANY DRIVEWAY, PARKING SPACE, DRIVE AISLE OR TURNING AREA, SHALL BE LOCATED MORE THAN THIRTY (30) FEET FROM AN ON-SITE SMALL TREE OR MORE THAN SEVENTY-FIVE (75) FEET FROM AN ON-SITE LARGE TREE. FOR PURPOSES OF THIS SECTION, THE MEASUREMENT SHALL BE FROM THE FARTHEST EDGE OF THE SUBJECT AREA TO THE CENTER OF THE BASE OF THE CLOSEST QUALIFYING TREE.
- D. SITE PLAN APPROVAL FROM THE RESPECTIVE EASEMENT HOLDER SHALL BE CONSTRUED AS APPROVAL OF ALL ENCROACHMENTS, AS SHOWN, ON THIS PLAN. (SEE NOTE ON ITEM 1.D.)
- E. THE FOLLOWING VEGETATION MATERIALS, AS LISTED BY COMMON NAME, SHALL CONSTITUTE NOT MORE THAN TWENTY-FIVE (25) PERCENT OF THE TOTAL REQUIREMENT FOR THE SPECIFIC CATEGORY:
LARGE TREE CATEGORY: RIVER BIRCH
SMALL TREE CATEGORY: ARISTOCRAT PEAR, BRADFORD PEAR
CAPITOL PEAR, CLEVELAND SELECT PEAR
EVERGREEN SHRUB CATEGORY: RED TIP PHOTINIA
- F. DUMPSTER/COMPACTOR SHALL BE SCREENED ON 3 SIDES IN ACCORDANCE WITH SECTION 9-4-268 (b) OF THE CITY CODE.
- G. EXISTING SUBSTITUTE VEGETATION MATERIALS HAVE BEEN NOTED INCLUDING THEIR SPECIFIC LOCATION(S), TYPE(S), AND SIZE(S).
- H. EXISTING SUBSTITUTE VEGETATION MATERIAL SHALL BE PROTECTED FROM SITE DEVELOPMENT ACTIVITIES IN ACCORDANCE WITH SECTION 9-4-265 (f) OF THE CITY CODE.
- I. NO LARGE TREES TO BE PLANTED WITHIN SANITARY SEWER OR WATERLINE EASEMENTS.
- J. PARKING LOT AREA TO BE SCREENED IN ACCORDANCE WITH SECTION 9-4-268 (b) OF THE CITY CODE. PARKING AREA SCREENING SHALL BE INSTALLED WITHIN A 10 FOOT AREA ADJACENT TO AND EXTENDING THE FULL STREET SIDE WIDTH OF ALL PARKING AREAS WHICH FRONT A PUBLIC OR PRIVATE STREET.
- K. MINIMUM OF 3 FEET CLEARANCE MUST BE MAINTAINED AROUND ALL FIRE HYDRANTS IN ACCORDANCE WITH STATE BUILDING CODE.
- L. VEGETATION WITHIN 10' OF BUILDING SHALL NOT COUNT TOWARD SITE REQUIREMENTS.
- M. EXISTING VEGETATION TO BE VERIFIED AT TIME OF INSPECTION.

VEGETATION REQUIREMENTS PER ARTICLE P, CITY OF GREENVILLE, NC ZONING REGULATIONS

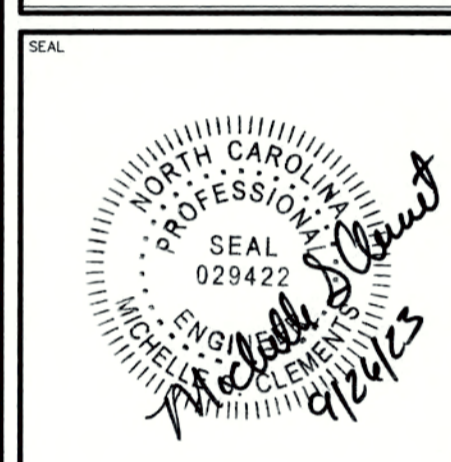
- REQUIRED VEGETATION PER ACRE FOR 0.89 ACRE SITE:
LARGE TREES (5 x 0.89 ACRE) = 5 REQUIRED, 5 SHOWN*
SMALL TREES (10 x 0.89 ACRE) = 10 REQUIRED, 10 SHOWN*
SHRUBS (25 x 0.89 ACRE) = 23 REQUIRED, 32 SHOWN
EXISTING VEGETATION CLAIMED PER SEC 9-4-265(D)(1):
THREE 10"-23" OAKS FOR 5 LARGE TREES
THREE 10"-23" OAKS FOR 10 SMALL TREES
- REQUIRED STREET TREE VEGETATION: 2 LARGE TREES PER 100LF = 5 STREET TREES IN 240 LF
4 EXISTING TREES AND 1 PROPOSED TREE ALONG NASH STREET.
- REQUIRED SCREENING VEGETATION FOR BUFFERYARDS: N/A
(AREA OF DISTURBANCE NOT ADJACENT PUBLIC ROAD)
- REQUIRED VEGETATION LOCATED IN PUBLIC UTILITY OR DRAINAGE EASEMENTS: NONE

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



PROJECT NO: 20220184

CLIENT PROJECT NO:

PROJECT TITLE: **Foreman Park Parking Expansion**

DRAWING TITLE: **SITE PLAN**

DRAWING NO: **C1.1**

SHEET 2 OF 4



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:

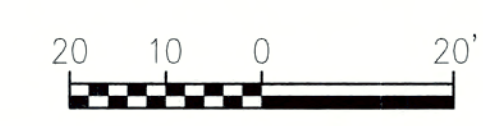
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND SEPERATION FOLLOWING EVERY RUN-OFF PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE 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 RE-SEEDDED 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 W/ 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.

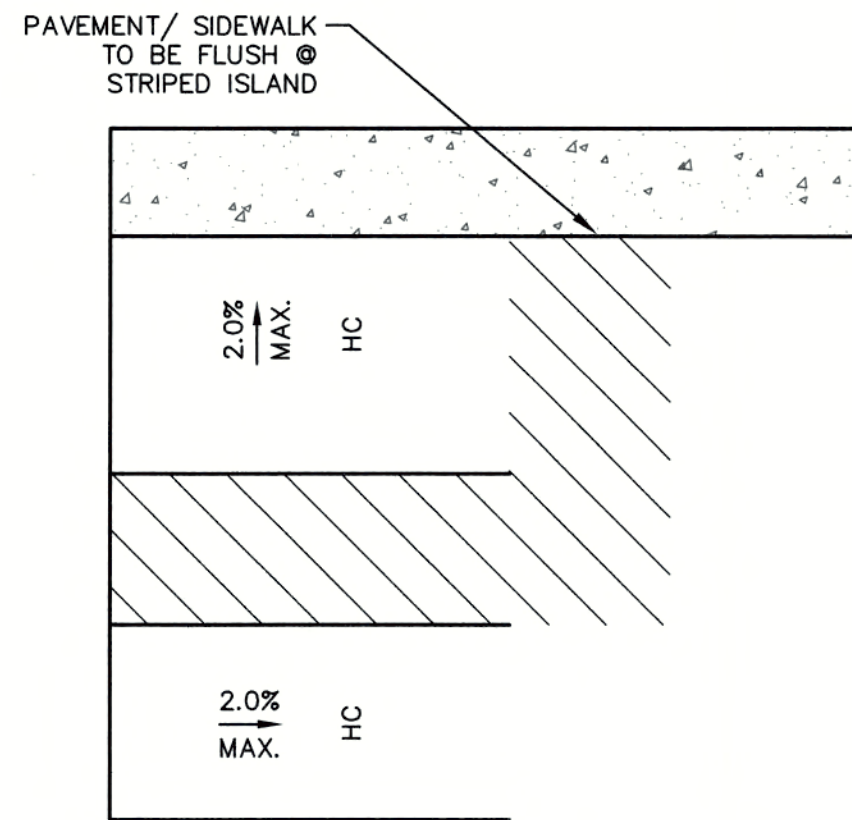
LEGEND

- 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
- FEE = FINISH FLOOR ELEVATION
- FE = FINISHED ELEVATION
- EC = EDGE OF CONCRETE
- EP = EDGE OF PAVEMENT
- TO = TOP OF CURB
- TSW = TOP OF SIDEWALK
- TW = TOP OF WALL
- INV = INVERT
- TYP. = TYPICAL
- CO = CLEAN OUT
- NSD = NEW STORM DRAINAGE
- ESD = EX. STORM DRAINAGE
- NRD = NEW ROOF DRAIN
- [---] = PROPOSED CONTOUR
- [X-X] = INLET PROTECTION
- [X] = SILT FENCE
- [---] = AREA OF DISTURBANCE
- [---] = GRADE TO DRAIN DIRECTION
- [---] = SWALE SEE DETAIL
- PP = POWER POLE
- GW = GUY WIRE
- AL = AREA LIGHT

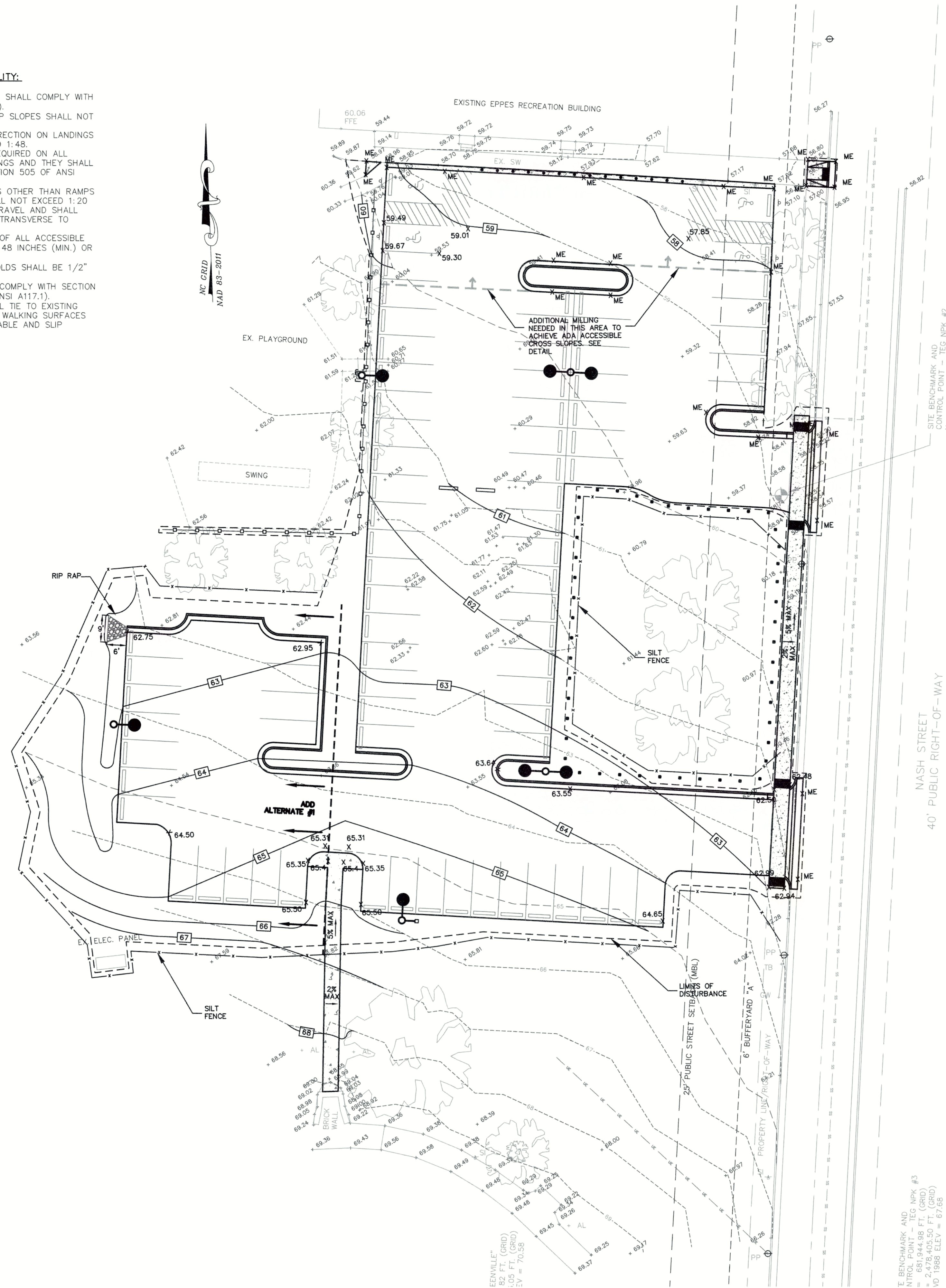


NOTES ON ACCESSIBILITY:

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.



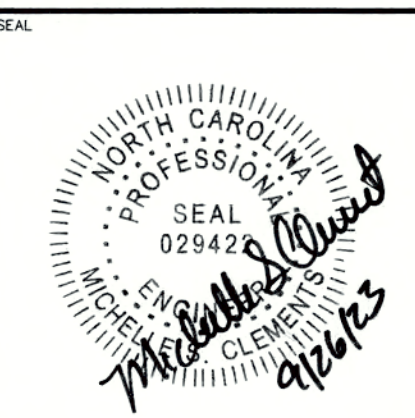
1 HC PARKING/ ADA DETAIL
C2.1 N.T.S.



MASH STREET
40' PUBLIC RIGHT-OF-WAY

E BENCHMARK AND CONTROL POINT #3
N = 682,239.19 FT. (GRID)
E = 2,478,420.61 FT. (GRID)
NAD 1988 ELEV = 58.84

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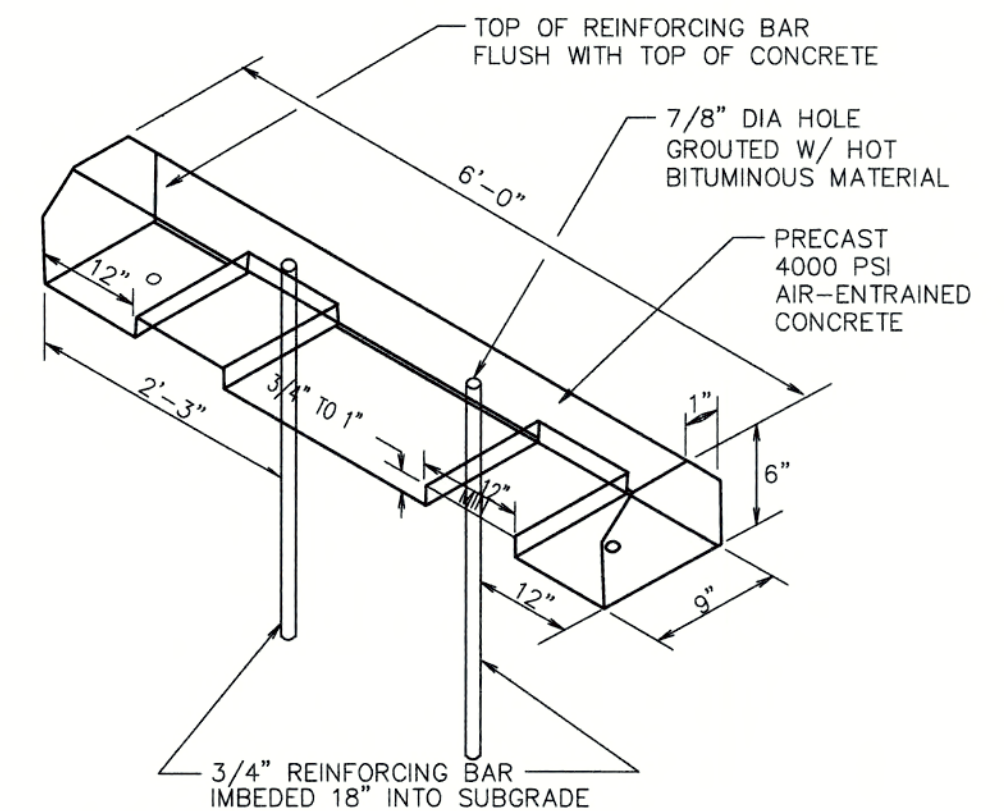
PROJECT NO. 20220184



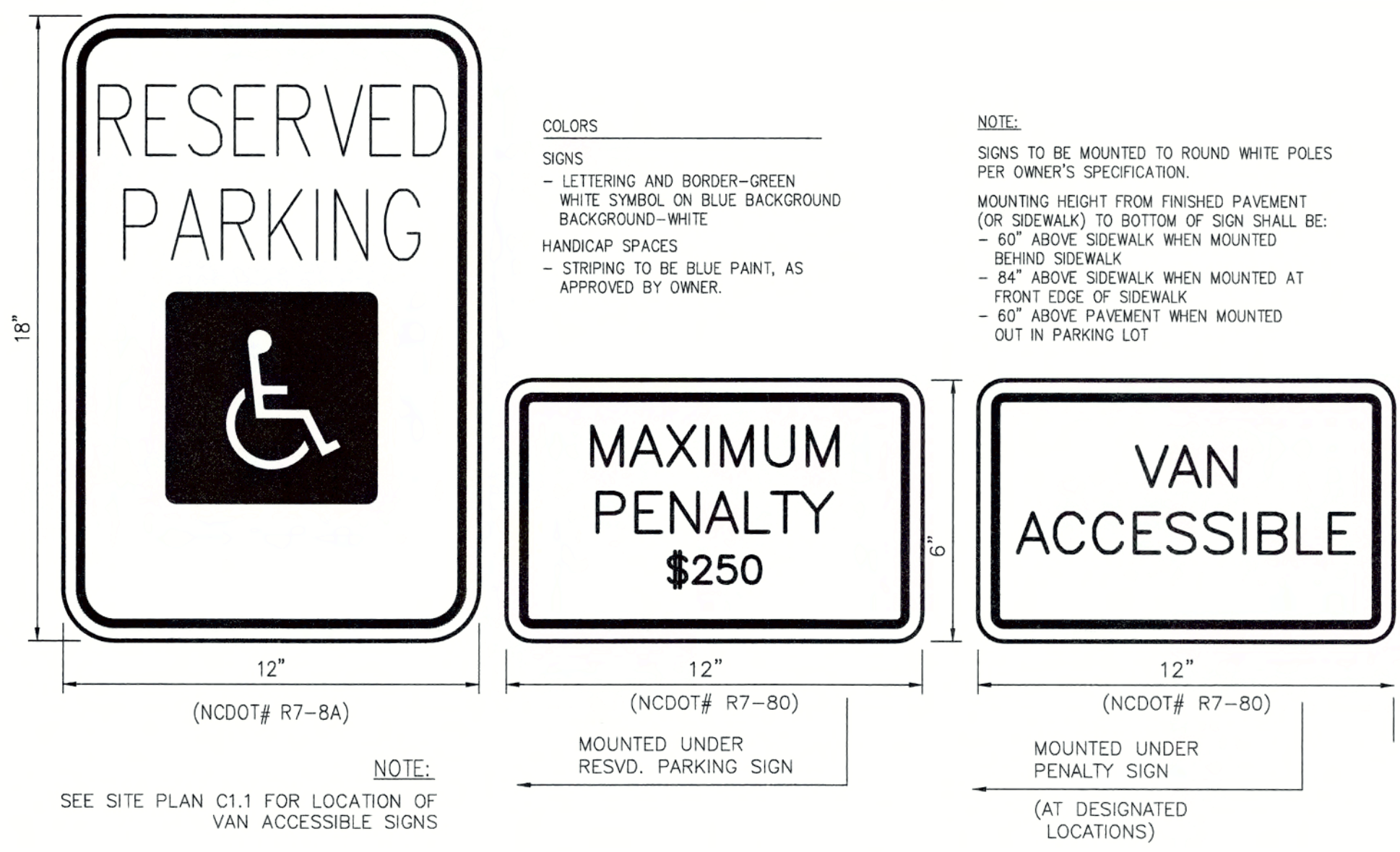
FOREMAN PARK PARKING EXPANSION

GRADING, DRAINAGE, AND EROSION CONTROL PLAN

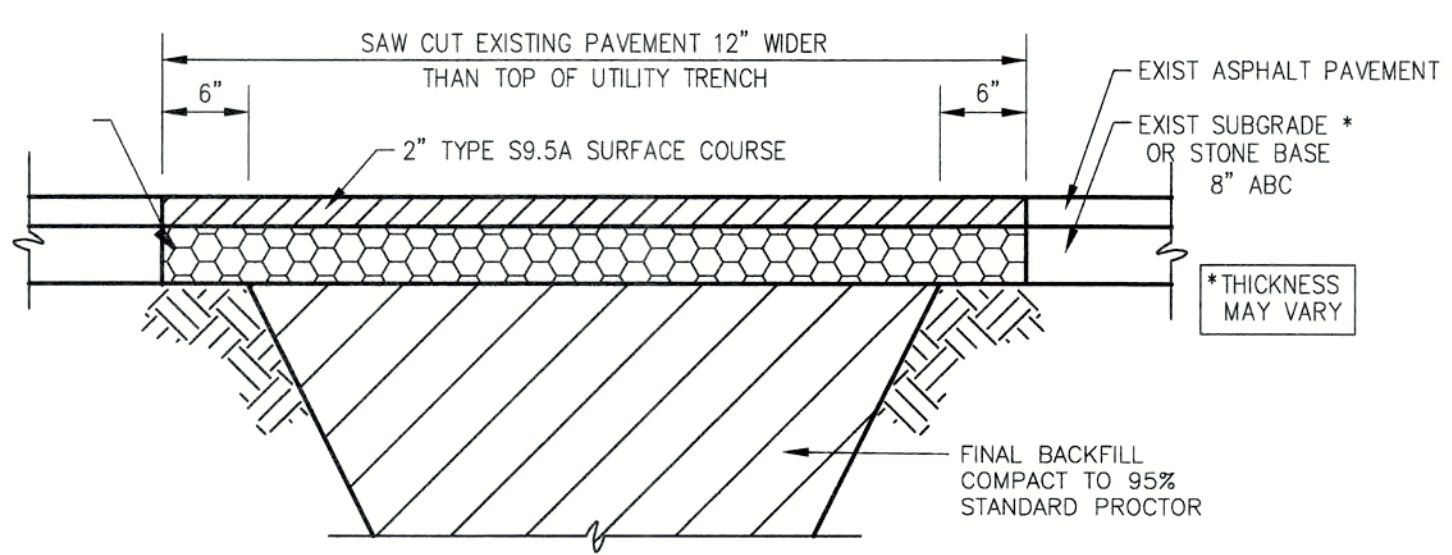
C2.1
SHEET 3 OF 4



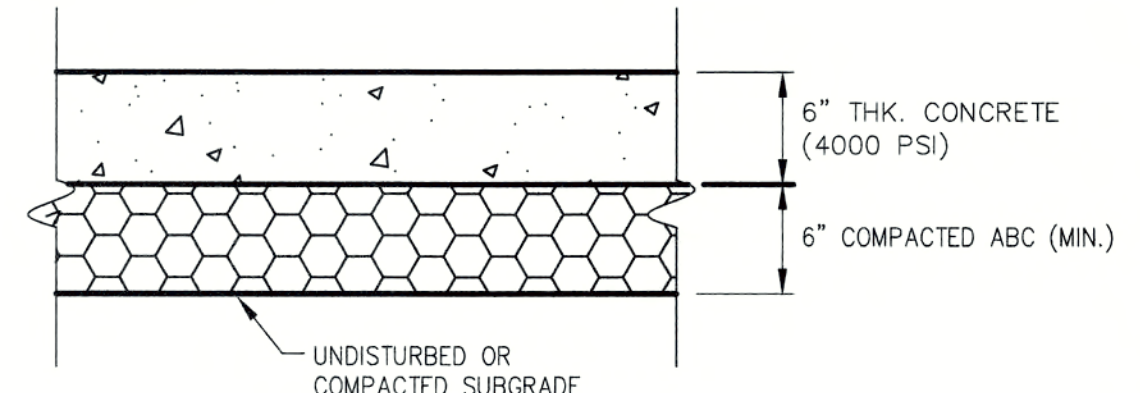
1 WHEEL STOPS
 C3.1 N.T.S.



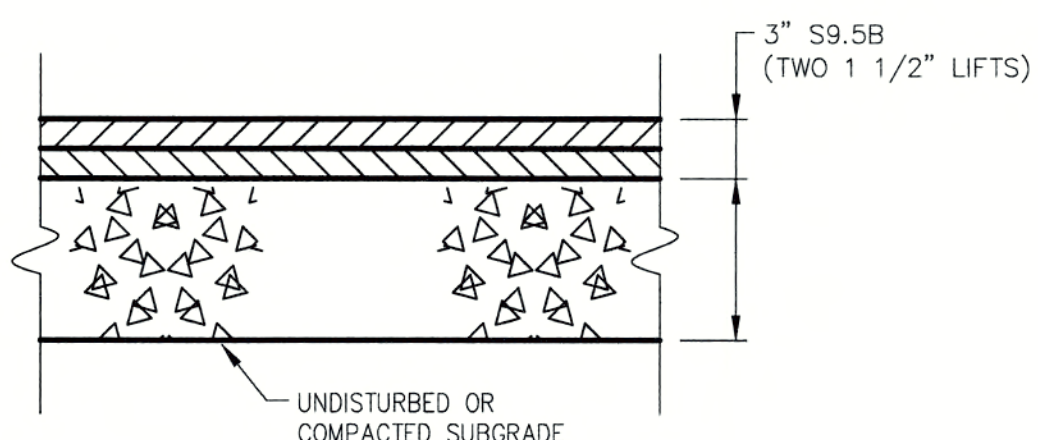
5 ADA SIGN DETAIL
 C3.1 N.T.S.



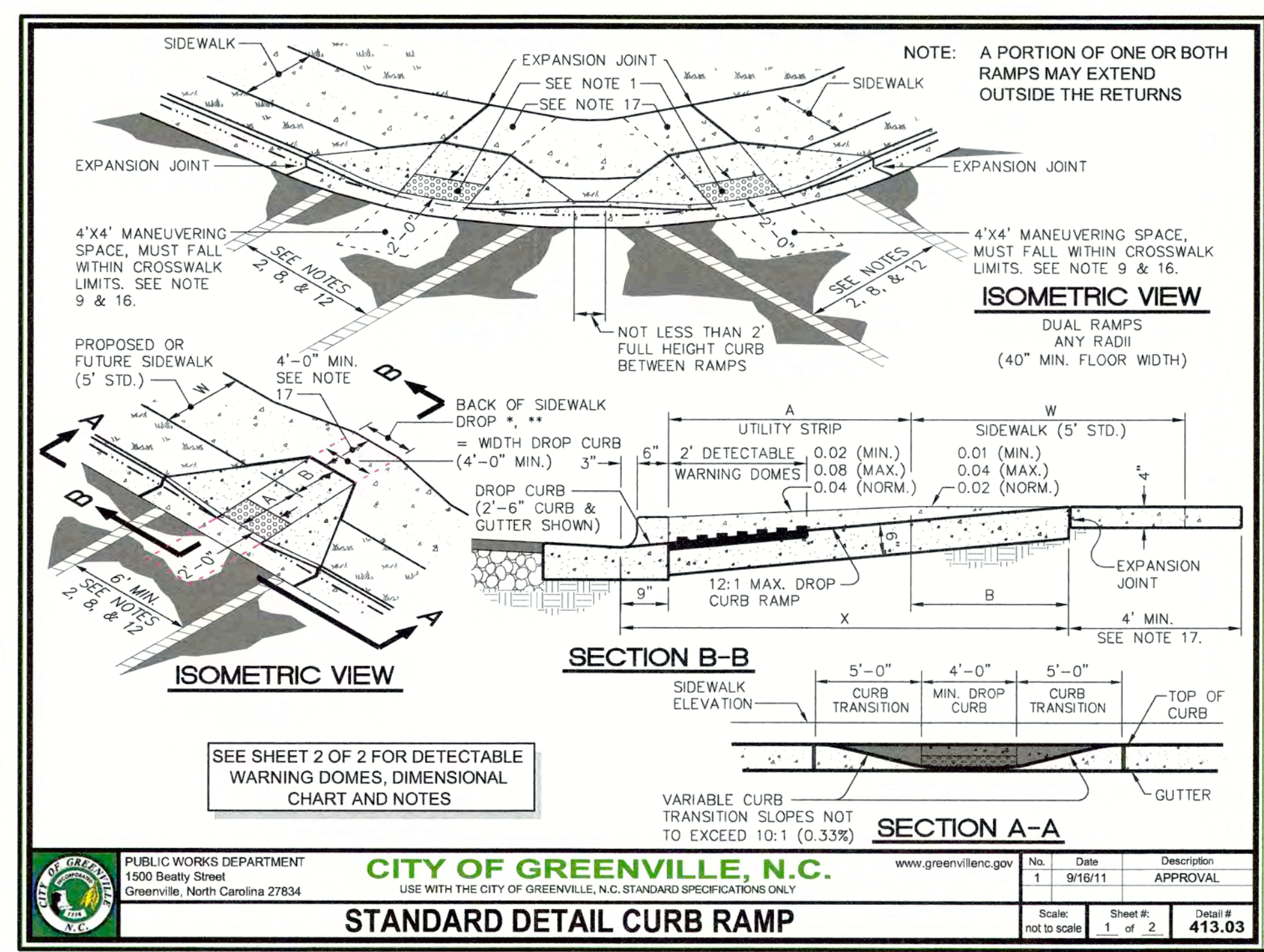
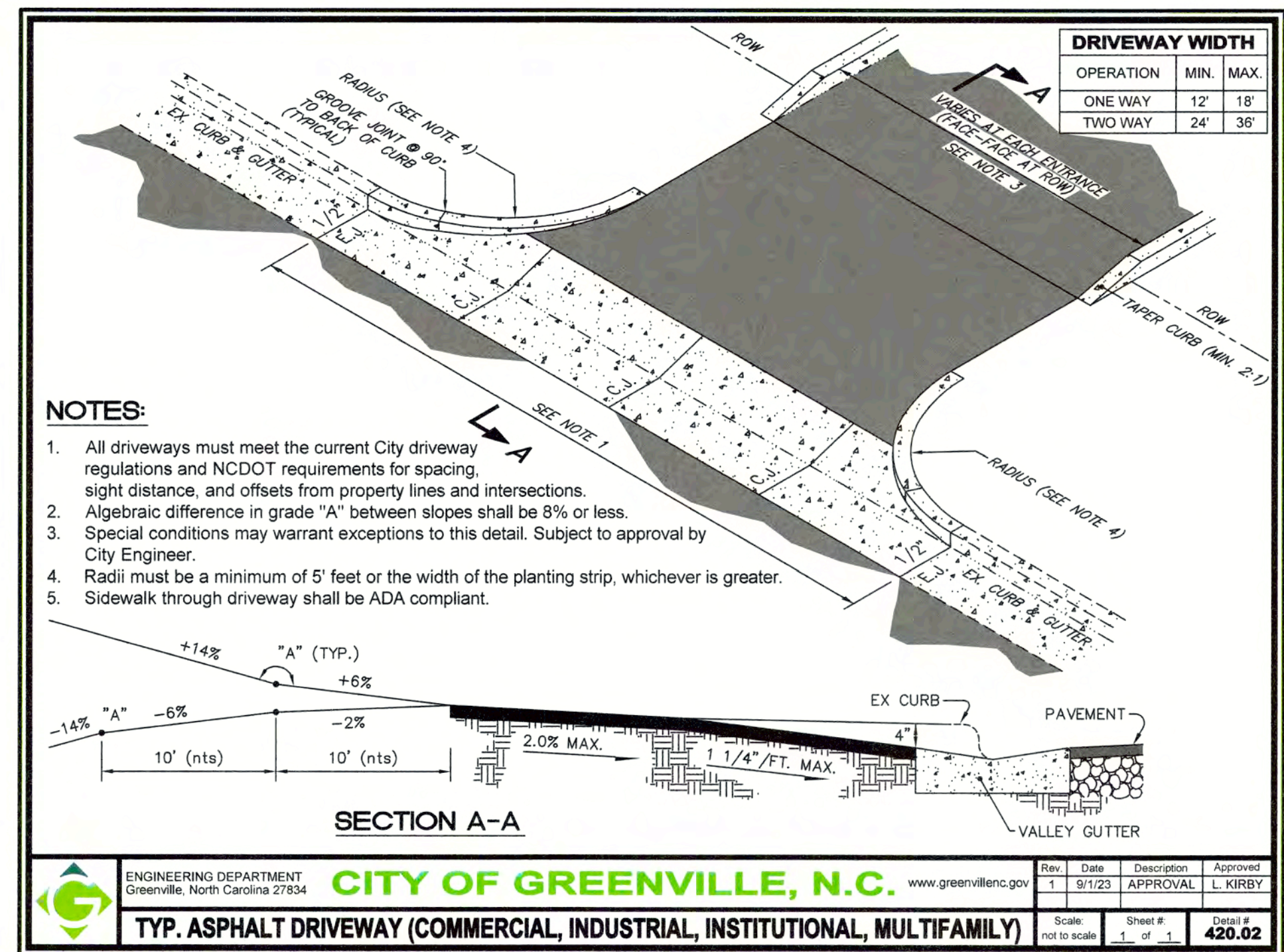
6 PAVEMENT REPAIR DETAIL
 C3.1 N.T.S.



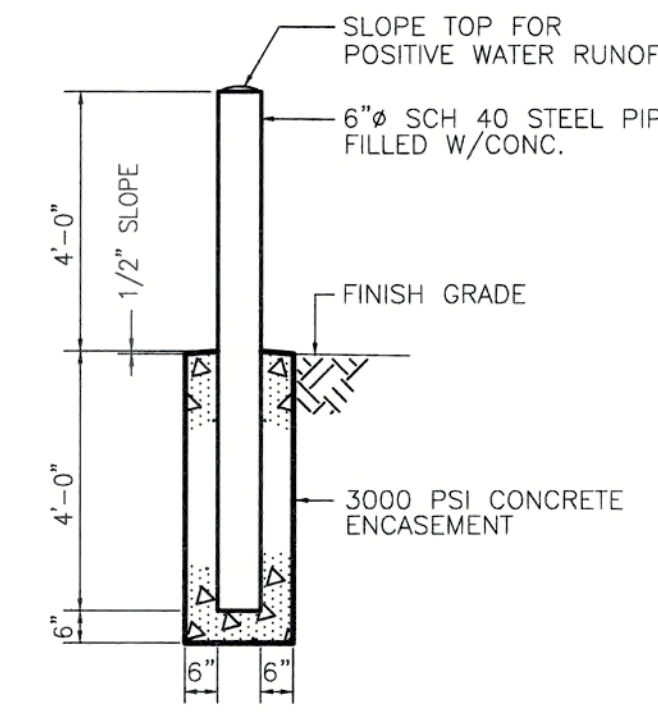
7 18" WIDE CONCRETE ACCENT BAND
 C3.1 N.T.S.



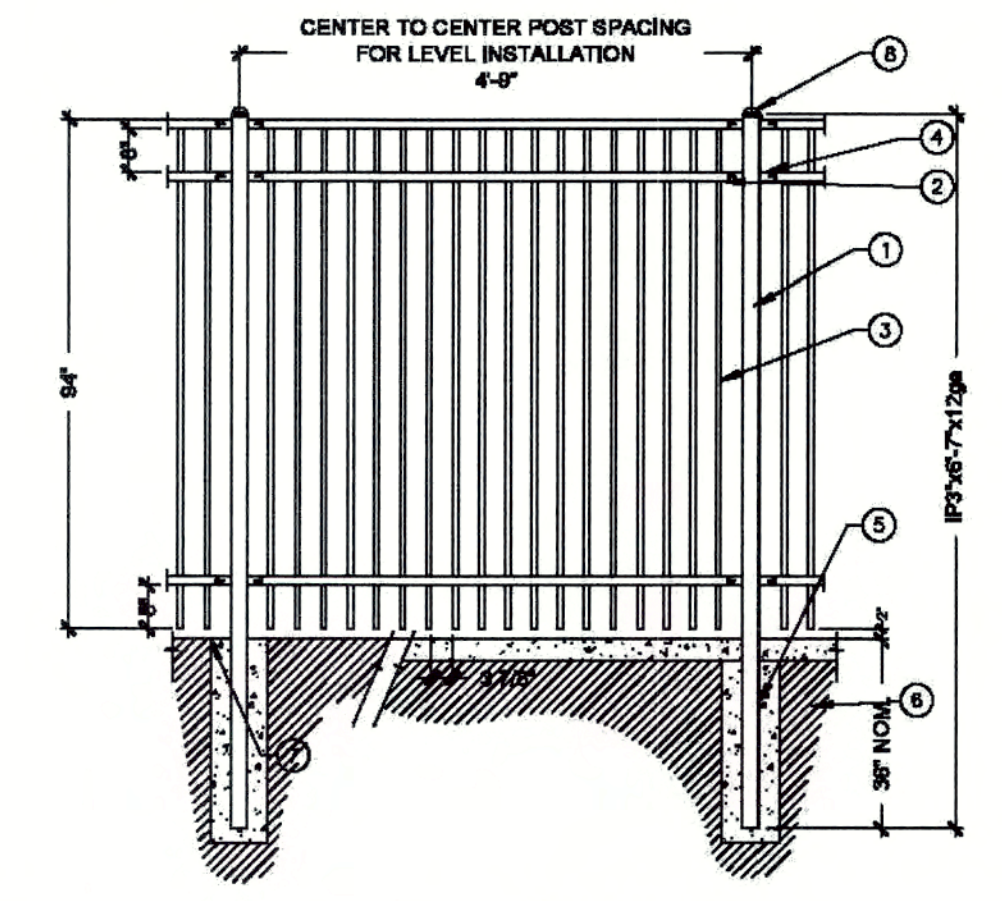
2 STANDARD ASPHALT PAVEMENT
 C3.1 N.T.S.



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

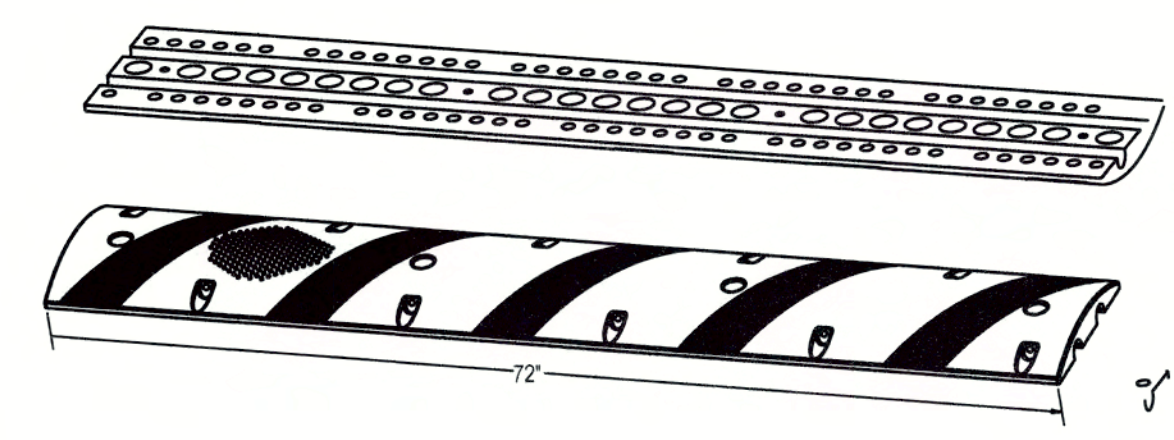


10 BOLLARD DETAIL
 C3.1 N.T.S.



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

- NOTES:
 1. SUBMIT SHOP DRAWINGS AND MATERIALS TO ARCHITECT/ENGINEER. COLOR TO BLACK.
 2. FENCING SHALL BE 17 1/2" H x 1 1/2" DIA. SQUARE PICKET AS PROVIDED BY FORTRESS FENCE (GAZLON). 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 2" SQUARE POST
 - 2 1 3/4" x 1 3/4" x 12 GA
 - 3 1" SQ. PICKET
 - 4 BRACKETS
 - 5 12" DIAMETER CONCRETE FOOTING (3000 PSI CONCRETE)
 - 6 ADJACENT CONCRETE SLAB TO GO OVER FOOTING
 - 7 FINISHED GRADE TO COVER FOOTING WHEN FENCE IS IN LANDSCAPED AREA
 - 8 3" x 3" PREFABR DOME CAP



- 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:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. 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.
 4. 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.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADetails.com/info AND ENTER REFERENCE NUMBER: SPEED BUMP

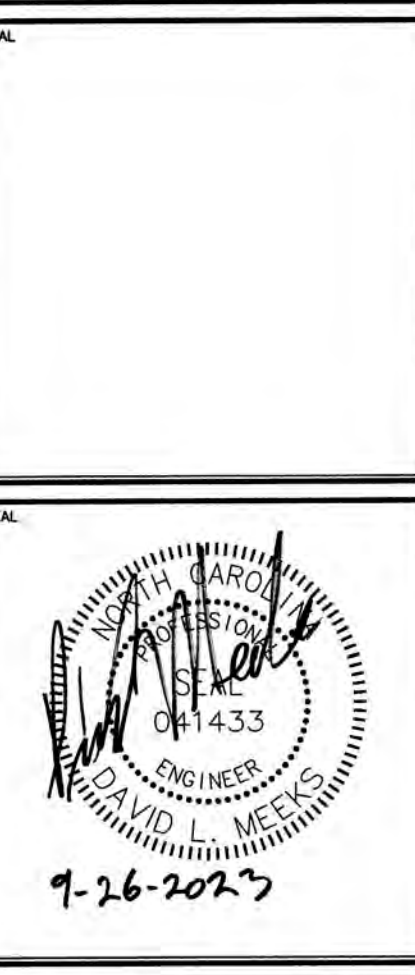
9 RUBBER SPEED BUMP DETAIL
 C3.1 N.T.S.



REV	DATE	DESCRIPTION	CHK	BY
A	03/21/23	BOX FOR OWNER REVIEW	MSC	APF
B	07/20/23	LOOK FOR OWNER REVIEW	MSC	APF
C	08/03/23	SUBMIT TO COG FOR SITE PLAN	MSC	APF
D	08/12/23	RESPONSE TO COG COMMENTS #1	MSC	APF
E	08/28/23	RESPONSE TO COG COMMENTS #2	MSC	APF
F	09/26/23	ISSUED FOR BID	MSC	APF

20220184
 FOREMAN PARK PARKING EXPANSION
 DETAILS
C3.1
 SHEET 4 OF 4

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REV	DATE	DESCRIPTION	BY	CHK
A	03-21-23	ISSUE FOR OWNER REVIEW	DJM	
B	05-30-23	LOOK FOR OWNER REVIEW	DJM	
C	09-26-23	ISSUE FOR BID	DJM	

ELECTRICAL GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- EC SHALL OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, ETC. AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
- 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.
- 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.
- 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.
- 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".
- ALL AFF DIMENSIONS ARE REFERENCED TO CENTER OF EQUIPMENT/DEVICE UNO.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 IS NOT ACCEPTABLE. RECEPTACLES SHALL BE GENERAL USE MEETING NEMA WD 1, NEMA WD 6, DSCO W-C-5966, AND UL-498 AND SHALL BE APPROVED THIRD-PARTY LISTED.
- INSIDE CONDUITS SHALL BE EMT, IMC, OR RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.
- OUTSIDE ABOVE GROUND CONDUITS SHALL BE RMC. CONNECTIONS TO VIBRATING EQUIPMENT SHALL BE LFMC.
- CONDUITS MOUNTED 8"-0" AFF OR LESS. WHERE SUBJECT TO PHYSICAL DAMAGE, THE PORTION OF CONDUIT MOUNTED BELOW 8"-0" AFF SHALL BE RMC.
- 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 CONCRETE SLAB. UNDERGROUND STEEL CONDUIT SHALL BE WRAPPED WITH BITUMEN TAPE TO 6" ABOVE FINISHED GRADE.
- 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.
- WHERE CONDITIONS ALLOW, ALL UNDERGROUND CONDUITS AND UTILITIES SHALL HAVE METALIZED WARNING TAPE INSTALLED ABOVE THE CONDUIT THAT IDENTIFIES THE SPECIFIC 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.
- 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 (50 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.
- ELECTRICAL CONTRACTOR SHALL LOCATE ELECTRICAL CONDUITS OUTSIDE THE DRIP LINE OF EXISTING TREES TO THE GREATEST EXTENT POSSIBLE.
- 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.
- THE EC SHALL KEEP THE CONSTRUCTION AREA AND SURROUNDING AREAS FREE FROM THE ACCUMULATION OF WASTE MATERIALS AND DEBRIS CAUSED BY THE WORK.
- 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.
- 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.
- 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.
- 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.
- ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE 3RD PARTY LISTED APPROVAL FOR THEIR INSTALLED APPLICATION.
- ALL DEVICES SHALL BE FLUSH-MOUNTED WITH CONCEALED WIRING UNLESS NOTED OTHERWISE.
- 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.
- NEW AND EXISTING PANEL SCHEDULES SHALL BE UPDATED (TYPED-ONLY) UPON COMPLETION OF THE WORK TO ACCURATELY INDICATE INSTALLED CONDITIONS.
- 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.
- 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 CFCI 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 FRAME: A TOP BOTTOM NEUTRAL: NONE 50% 100%

COVER: DOOR WITH LOCK WITH HINGABLE COVER DOOR WITHOUT LOCK 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.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)	
					L1	L2
PANEL A (SUBFEED)	57.0	1				
GATEWAY COLUMN LIGHTING		2	G WALL LIGHTING			
		3				
		4				
		5	ART GATEWAY LIGHTING			
		6				
		7				
EV CHARGING STATION #1 ~ (SEE NOTE #1)	32.0	9	EV CHARGING STATION #2 ~ (SEE NOTE #1)	32.0	64.0	
SPACE		10	SPACE			
SPACE		11	SPACE			
SPACE		12	SPACE			
SPACE		13	SPACE			
SPACE		14	SPACE			
SPACE		15	SPACE			
SPACE		16	SPACE			
SPACE		17	SPACE			
SPACE		18	SPACE			

PANELBOARD LOCATION: OUTSIDE ENCLOSURE MANUFACTURER: EATON MODEL/CAT. NO.: PRL1A FEED: TOTAL L1: TOTAL L2:

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 WITH HINGABLE COVER DOOR WITHOUT LOCK 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.	DESCRIPTION	LOAD	PHASE LOAD (AMPS)	
					L1	L2
DUPLEX RECEPTACLE - CABINET	1.5	1	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	3	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	5	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	7	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	9	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	11	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	13	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	15	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	17	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	19	DUPLEX RECEPTACLE - CABINET	1.5		3.0
DUPLEX RECEPTACLE - CABINET	1.5	21	DUPLEX RECEPTACLE - CABINET	1.5	3.0	
DUPLEX RECEPTACLE - CABINET	1.5	23	DUPLEX RECEPTACLE - CABINET	1.5		3.0
SPACE	0.0	25	SPACE	0.0	1.5	
VENDOR POWER STATION #1A ~	1.5	27	SPACE	0.0	0.0	
	24.0	29	SPACE	0.0		1.5
	24.0	31	SPACE	0.0	24.0	
VENDOR POWER STATION #1B ~	1.5	33	SPACE	0.0		24.0
	24.0	35	SPACE	0.0	1.5	
	24.0	37	SPACE	0.0		24.0
SPACE	0.0	39	SPACE	0.0	24.0	
SPACE	0.0	41	SPACE	0.0	0.0	
SPACE	0.0	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.

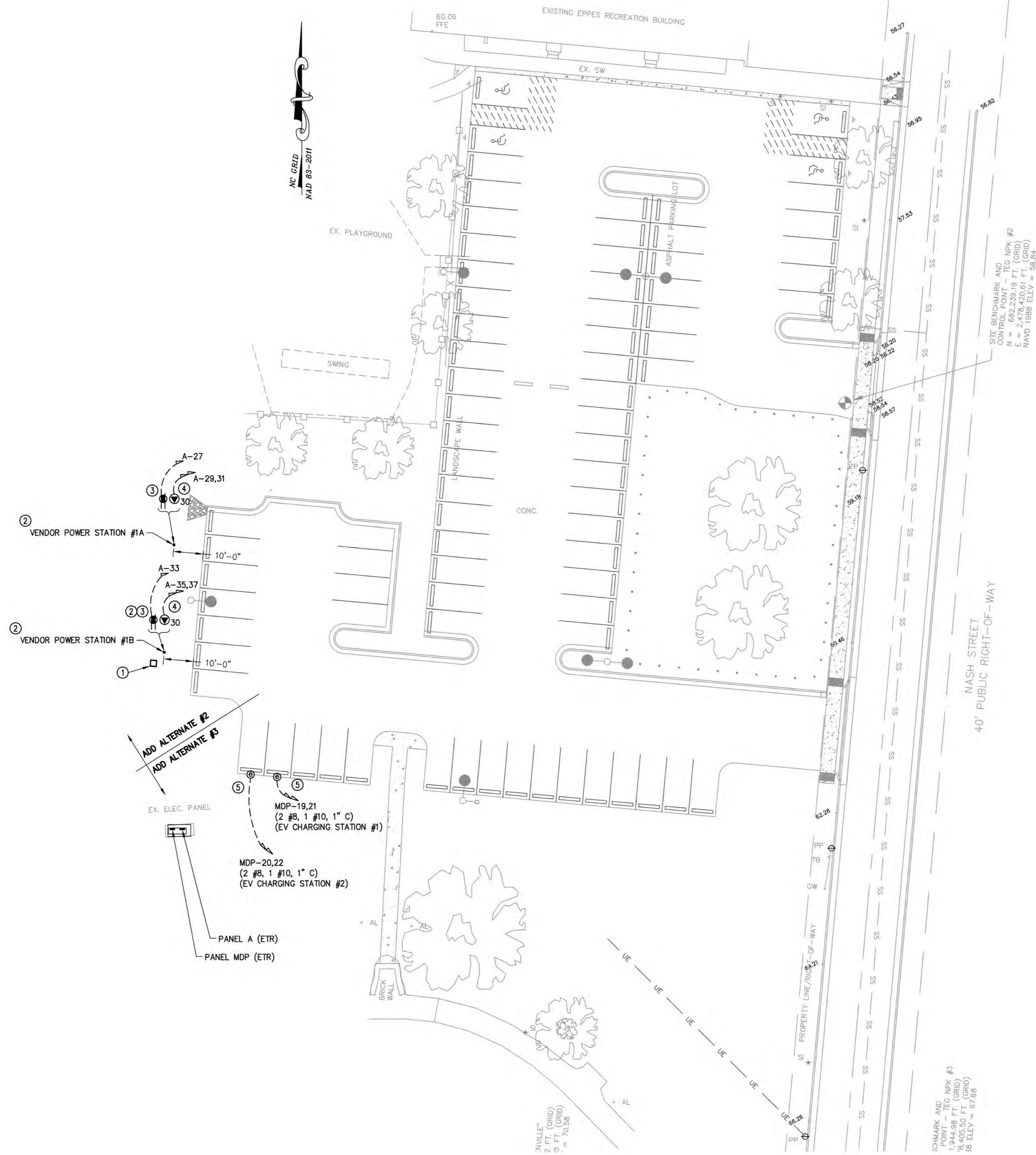
ALTERNATES

- ADD ALTERNATE #1: PARKING LOT - SEE CIVL.
- ADD ALTERNATE #2: VENDING TRUCK RECEPTACLES & CIRCUITING.
- 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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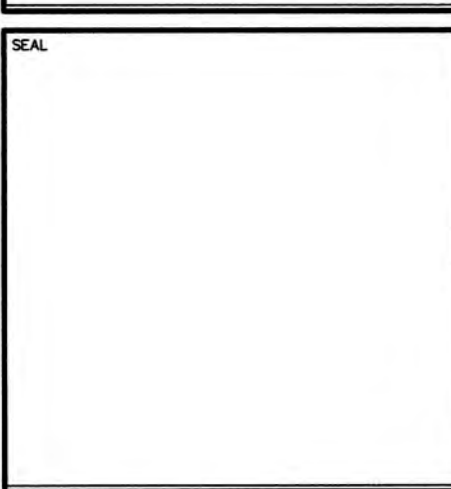
- NOTES**
- ADD ALTERNATE #2:** 24" W X 24" L X 24" D GROUND MOUNTED PULL BOX FOR ROUTING OF CIRCUITING BETWEEN PANEL 'A' & RECEPTACLE OUTLET STANDS. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT & OWNER PRIOR TO INSTALLATION. PROVIDE MINIMUM OF 1'-0" DEPTH OF #57 STONE BELOW BOTTOM OF GROUND MOUNTED PULL BOX. EXTEND STONE MINIMUM OF 1'-0" BEYOND ALL SIDES OF PULL BOX.
 - ADD ALTERNATE #2:** RECEPTACLE OUTLET STAND. 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 EXTEND 24 INCHES BELOW FINISHED GRADE. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
 - ADD ALTERNATE #2:** DUPLEX 120VAC 20 AMP RECEPTACLE OUTLET. SEE MISCELLANEOUS EQUIPMENT SCHEDULE. RECEPTACLE OUTLET MOUNTED INSIDE OF RECEPTACLE OUTLET STAND.
 - 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.
 - ADD ALTERNATE #3:** EV CHARGING STATION. ROUTE WIRING INSIDE OF PEDESTAL. FINAL CONNECTION TO POWER STATION BY EC.

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1-26-2023

REV	DATE	DESCRIPTION	BY	CHK
A	03-31-23	ISSUE FOR OWNER REVIEW	DLM	
B	05-30-23	ISSUE FOR OWNER REVIEW	DLM	
C	06-29-23	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