

- SITE NOTES**
- INSTALL NEW TEMPORARY CONSTRUCTION ENTRANCE (2 EACH)(SEE DETAIL)
 - INSTALL NEW TEMPORARY SILT FENCE AS SHOWN (SEE DETAIL)
 - INSTALL NEW TYPE 'A' TEMPORARY SEDIMENT STORAGE ZONES AT PROPOSED DRAINAGE STRUCTURES (SEE LEGEND FOR SIZING AND DETAIL FOR INSTALLATION)
 - INSTALL NEW TEMPORARY SILT FENCE OUTLET (2 EACH) (SEE DETAIL)
 - INSTALL NEW TEMPORARY STONE CHECK DAMS (4 EACH) (SEE DETAIL)
 - INSTALL 35 LINEAR FEET OF FILDCOTEN 300 CONCRETE TRENCH DRAIN CHANNEL WITH 12" DUCTILE IRON (EXTRA HEAVY DUTY ADA) TOP GRATE AND 8" OUTLET PIPE SLOPED INTO CB. INSTALL NEW TRENCH DRAIN ABOVE NEW 15" RCP (SEE DETAIL) (TOP ELEV = 330.80')
 - TEMPORARY SEDIMENT TRAP #1 (SEE TEMPORARY SEDIMENT STORAGE ZONE LEGEND)

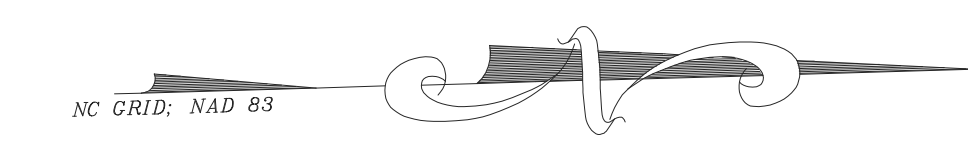
- TEMPORARY DIVERSION BERM WITH WATTLES (SEE DETAIL)
- HEAVY DUTY ASPHALT PAVEMENT SEE SHEET 4 FOR EXTENT AS SHOWN (SEE DETAIL)
- REGULAR DUTY ASPHALT PAVEMENT SEE SHEET 4 FOR EXTENT (SEE DETAIL)
- CONCRETE ACCESSIBLE PARKING AREA (SEE DETAIL)
- CONCRETE DUMPSTER PAD AND APRON (SEE DETAIL)
- ACCESSIBLE HANDICAP SIDEWALK RAMP (SEE DETAIL)
- PLANTER BOX
REMOVE EXISTING 15" RCP & INSTALL NEW 20" LINEAR FEET - 15" RCP @ 3" INSIDE RIGHT OF WAY MAINTAIN SAME INVERT GRADES AS EXISTING PIPE. INSTALL NEW 6" GRAVEL DRIVE TO RIGHT OF WAY (MATCH EXISTING WIDTH)

- REGRADE DITCH AS PER DETAIL IN THIS AREA
EXTEND NEW 16" LINEAR FEET - 18" RCP (NEW INVERT IN = 321.08) PROVIDE CONCRETE COLLAR AT INVERSION POINT (SEE DETAIL)
- GAS PUMP CONCRETE PAD (SEE DETAIL)
- DIESEL PUMP CONCRETE PAD (SEE DETAIL)
- PROPOSED UNDERGROUND STORMWATER STORAGE (SEE DETAIL SHEET 12)
- OUTLET WEIR #1 OUTLET WIDTH = 4' (SEE DETAIL)
- (3 EACH) BAFFLES SPACED AS SHOWN (SEE DETAIL)
- RIPRAP SLOPE (SEE DETAIL)
- 15" CONCRETE HEADWALL (SEE DRAINAGE STRUCTURE LEGEND) (SEE DETAIL)

- UNDERGROUND STORMWATER STORAGE OUTLET STRUCTURE (SEE DRAINAGE STRUCTURE LEGEND) (SEE DETAIL)
- CATCH BASIN/UNDERGROUND STORMWATER STORAGE INLET STRUCTURE (SEE DRAINAGE STRUCTURE LEGEND)
- CATCH BASIN STRUCTURE (SEE DRAINAGE STRUCTURE LEGEND)
- CATCH BASIN STRUCTURE (SEE DRAINAGE STRUCTURE LEGEND)
- UNDERGROUND STORMWATER STORAGE INLET STRUCTURE (SEE DRAINAGE STRUCTURE LEGEND)
- USE STONE RIPRAP
4_{top} = 6"
MIN DEPTH = 18"
USE FILTER FABRIC BENEATH STONE RIPRAP
W₁ = 7'
W₂ = 10'
L = 8'

- NEW FIRE HYDRANT & ASSEMBLY (SEE DETAIL) IS TO BE INSTALLED BY A LICENSED UTILITY CONTRACTOR
- 10' WIDE ASPHALT WALKING PATH (SEE DETAIL)
- 20 LINEAR FEET - 15" DIAMETER RCP @ 2.8% (SOUTH INVERT = 322.00, NORTH INVERT = 321.44)
- NEW 2" DOMESTIC WATER SERVICE CONNECTION WITH 2" TAPPING SLEEVE & VALVE IS TO BE INSTALLED BY A LICENSED UTILITY CONTRACTOR. 2" DOMESTIC WATER SERVICE LINE IS TO BE SDR-9
- NEW 2" METER & 2" GATE VALVE & BOX TO BE INSTALLED AS PER DETAIL
- INSTALL NEW 2" RPZ WITHIN HOT BOX (WATTS MODEL 909 RPZ) OUTSIDE DESIGNATED DOT/ROW AS SHOWN

- 24" CURB & GUTTER TYPICAL OUTSIDE DOT RIGHT-OF-WAY
- 30" CURB & GUTTER TYPICAL INSIDE DOT RIGHT-OF-WAY
- LIMITS OF DISTURBANCE - TYPICAL
- RELOCATED 12" PVC WATER LINE. PLUG ABANDONED SECTION OF EXISTING WATER LINE.
- RELOCATED 6" PVC WATER LINE. PLUG ABANDONED SECTION OF EXISTING WATER LINE.



LEGEND

CP = COMPUTED POINT
EIP = EXISTING IRON PIPE
EIR = EXISTING IRON ROD
IPS = IRON PIPE SET
LSCE = LANDSCAPE AREA

SITE DATA:

TOTAL SITE AREA = 150,689 S.F.
3.46 ACRES

CHAMPS CONVENIENCE STORE:
4,800 S.F.

PROPOSED ADDITION: 1,800 S.F.

IMPERVIOUS AREA = 78,822 S.F.
1.80 AC

SITE IMPERVIOUS % =
1.80 AC / 3.46 AC = 52.0%

TOTAL DISTURBED AREA
= 186,006 S.F. 4.27 AC

AREA TO BE LEFT NATURAL
= 72,309 S.F. 1.66 AC

LIMITS OF DISTURBANCE IS
DESIGNATED BY THE FOLLOWING
SYMBOL:

NOTES:

- COORDINATES AT CONTROL CORNERS WERE ESTABLISHED USING RTK GPS WITH A TRIMBLE R8 GPS UNIT REFERENCING VRS NETWORK.
- REFERENCE PLAT: PLAT BOOK 2021, PAGE 218

BUILDING SETBACKS (FROM DESIGNATED FUTURE RIGHT-OF-WAY)

FRONT 35'
REAR 25'
SIDE 20'
CORNER 20'

OWNER

JAY AMBE SHAKTI LLC, A NORTH CAROLINA LIMITED LIABILITY COMPANY 2100 WEAVER FOREST WAY MORRISVILLE, NC 27560
PHONE # 910-988-6049

FLOOD NOTE:

THIS PROPERTY IS LOCATED IN (ZONE X) MINIMAL FLOOD RISK ZONE PER FEMA MAP NUMBER 3720064001 PANEL #0654 WITH AN EFFECTIVE DATE OF 10/3/2006

ZONING:

COMMERCIAL

WATERSHED:

HECTOR CREEK - CAPE FEAR RIVER WS-IV

LAND USE:

AGRICULTURAL

PARKING

CHAMPS CONVENIENCE STORE
4,800 S.F.

FUTURE RETAIL = 1,800 S.F.

TOTAL = 6,600 S.F.

1 PER 150 S.F.
6,600/150=44 REQUIRED
PARKING SPACES

PARKING PROVIDED= 44 SPACES

HANDICAP SPACE REQUIRED = 2

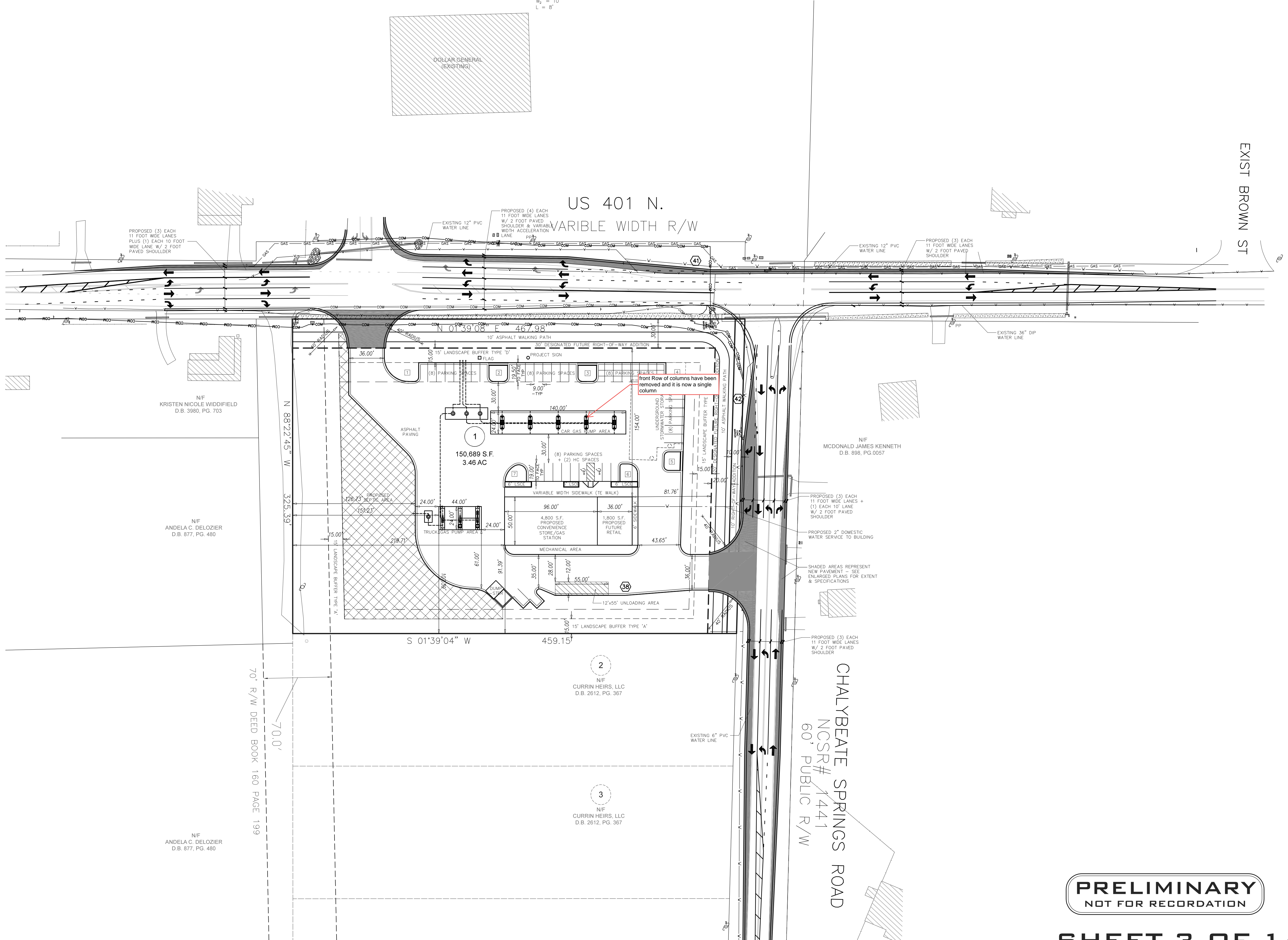
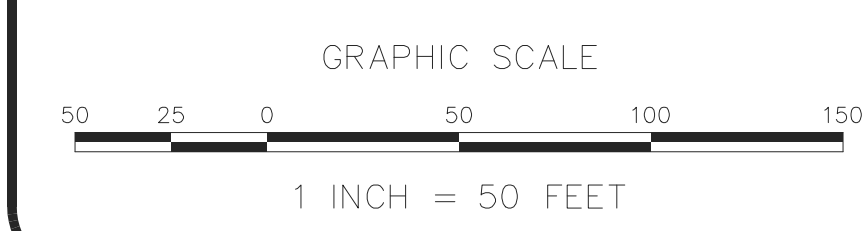
HANDICAP SPACE PROVIDED = 2

VAN ACCESSIBLE SPACE REQUIRED = 1

VAN ACCESSIBLE SPACE PROVIDED = 2

LANDSCAPE ISLAND AREA LEGEND

1	552 S.F.
2	304 S.F.
3	304 S.F.
4	367 S.F.
5	305 S.F.
6	301 S.F.
7	301 S.F.



ECLS GLOBAL
U.S. VETERAN-OWNED
19 N. MCKINLEY ST.
COATS, NC 27521
910.897.3252 ECLS@ECLSGLOBAL.COM
910.897.3259 (FAX) CD# C-4175

REVISIONS:

SITE PLAN

CHAMPS CONVENIENCE STORE

JAY AMBE SHAKTI, LLC
U.S. 401 N FUQUAY-VARINA, NC 27526
HECTOR'S CREEK TWP., HARNETT CO., N. C.
D.B.40 D.I. PG.326 P.B. 2021, PG. 218
PH:0654-9181 96:000

PROJECT: 21-075
SURVEYED BY: ARB
DRAWN BY: LLL
CHECK BY: JGT
SCALE: 1"=50'
DATE: 03/23/2022

PRELIMINARY
NOT FOR RECORDATION

SHEET 3 OF 14

ECLS