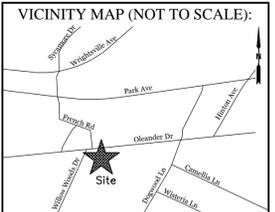


SITE DATA

PARCEL ID: 6206-011-010-000
 CURRENT ZONING: O&I-1
 PROPOSED ZONING: CB (CD)
 CAMA LAND USE CLASSIFICATION: WATERSHED RESOURCE PROTECTION
 PROJECT ADDRESS: 5520 OLEANDER DRIVE WILMINGTON, NC 28403
 CURRENT OWNER: MONA BLACK ENTERPRISES LLC WILMINGTON, NC 28403
 TOTAL ACREAGE IN PROJECT BOUNDARY: 65,356 S.F. (± 1.50 ac.)



REVISIONS

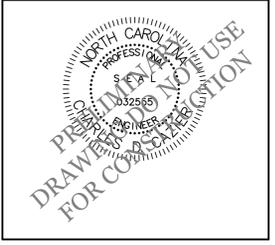
NO.	DATE	DESCRIPTION

INTRACOASTAL ENGINEERING, PLLC
 5725 Oleander Dr. Unit E-7
 Wilmington, North Carolina 28403
 Phone: 910.859.8983
 Email: Charlie@intracoastalengineering.com
 License Number: P-0662

EXISTING TREES IN PROPOSED LEASE AREA

SIZE	TYPE	QTY
8"	PINE	7
10"	PINE	8
12"	PINE	10
14"	PINE	3
16"	PINE	3
18"	PINE	2
20"	PINE	1
8"	OAK	9
10"	OAK	9
12"	OAK	3
16"	OAK	111
18"	OAK	1
8"	GUM	10
10"	GUM	4
12"	GUM	3
4"	MAGNOLIA	1

EXISTING CONDITIONS PLAN
 FOR
H2 TURBO WASH
 WILMINGTON, NC



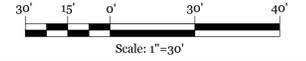
CLIENT INFORMATION:
 TASK North Carolina, LLC
 1319 Military Cutoff Rd.
 Suite 168
 Wilmington, NC 28405

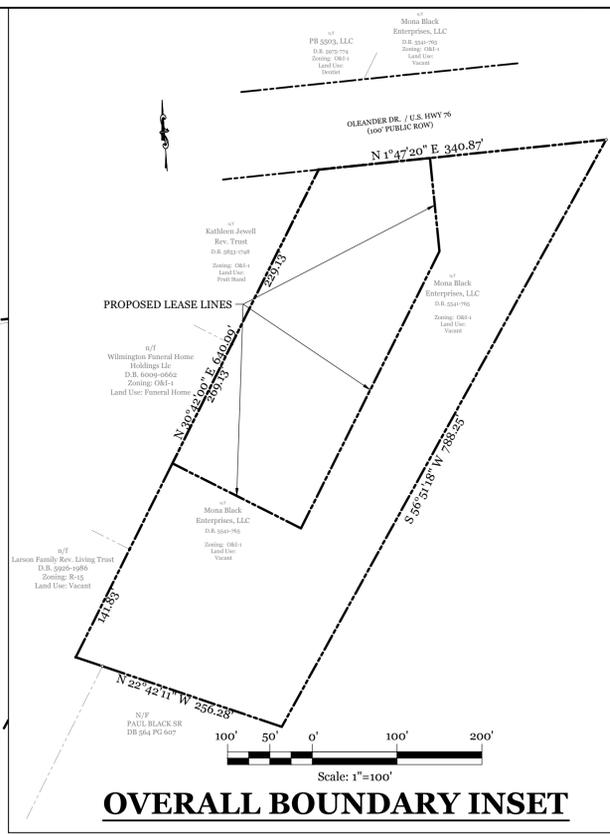
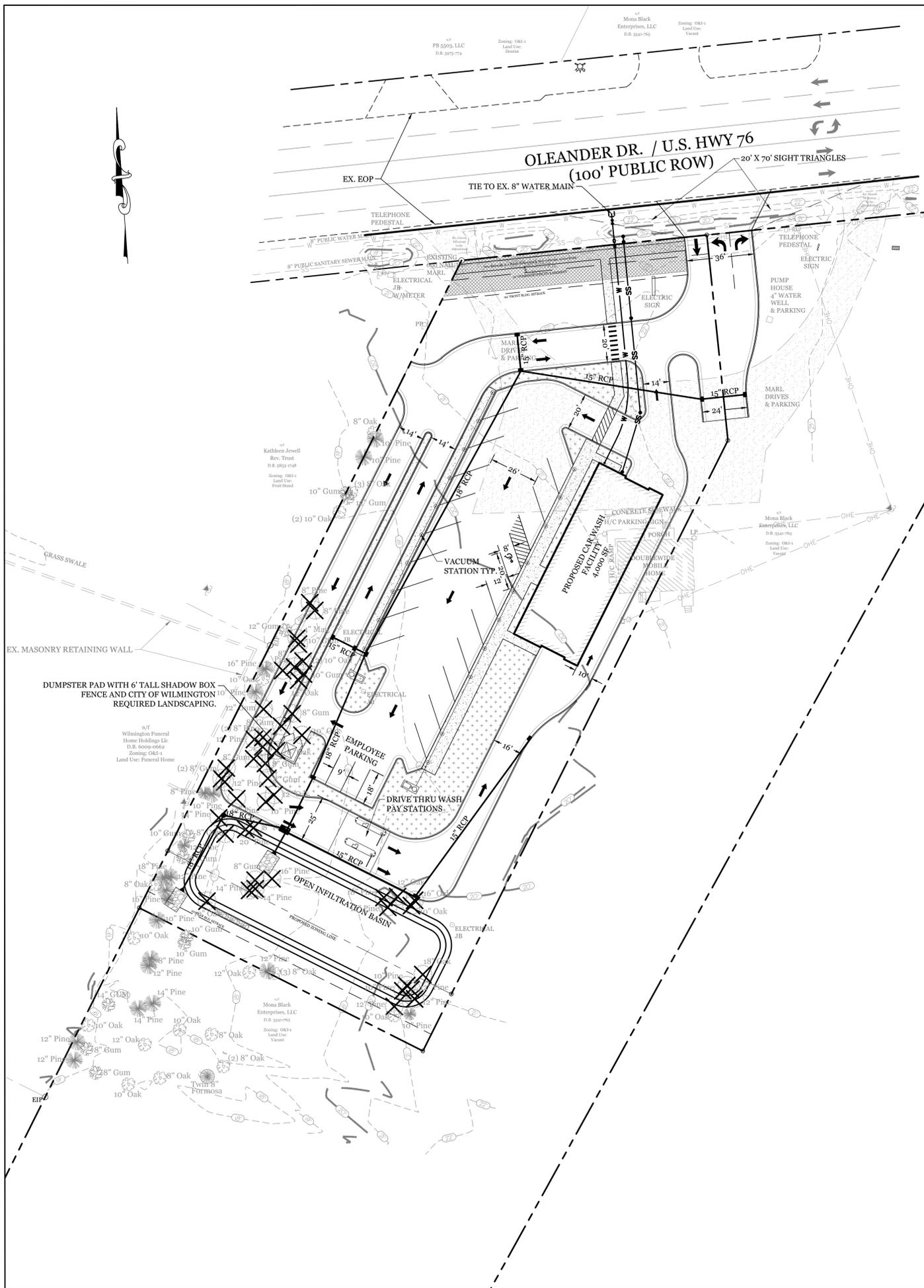
DRAWN: JAE	SHEET SIZE: 24x36
CHECKED: CDC	DATE: 11/02/2016
APPROVED: CDC	SCALE: 1" = 30'
PROJECT NUMBER: 2016-023	

DRAWING NUMBER: **C-0** 1 OF 1

LEGEND

- PROPERTY LINE
- RUNOFF DIRECTION
- CONTOUR
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER LINE
- GRASS SWALE
- TREES TO BE REMOVED
- ENERGY DISSIPATER
- SPOT ELEVATION
- LANDSCAPING
- STREETYARD





SITE DATA

PARCEL ID: 6206-011-010-000

CURRENT ZONING: O&I-1

PROPOSED ZONING: CB (CD)

CAMA LAND USE CLASSIFICATION: WATERSHED RESOURCE PROTECTION

PROJECT ADDRESS: 5520 OLEANDER DRIVE WILMINGTON, NC 28403

CURRENT OWNER: MONA BLACK ENTERPRISES LLC WILMINGTON, NC 28403

TOTAL ACREAGE IN PROJECT BOUNDARY: 65,356 S.F. (± 1.50 ac.)

BUILDING SIZE: 4,000 S.F.

BUILDING HEIGHT: TBD/35' MAX

BUILDING SETBACKS:

FRONT:	REQUIRED= 20'	PROPOSED= 115'
SIDE:	REQUIRED= 10'	PROPOSED= 18'
REAR:	REQUIRED= 0'	PROPOSED= 187'

CALCULATION FOR BUILDING COVERAGE:
PROPOSED COVERAGE: 4,000 S.F. ÷ 65,356 S.F. = 6.1 %

IMPERVIOUS AREAS:

BUILDINGS	4,000 S.F.
CONCRETE SIDEWALKS	3,986 S.F.
ASPHALT DRIVE	33,184 S.F.
TOTAL	41,170 S.F. (63.0%)

OFFSITE IMPERVIOUS AREAS:
ASPHALT DRIVE: 1,989 S.F.

PARKING REQUIRED: 1 SPACE/600 S.F. = 6 SPACES (1 H.C.)

PARKING PROVIDED: 6 SPACES (1 H.C.)

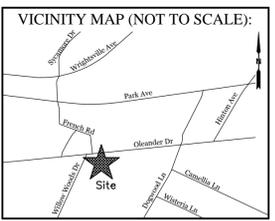
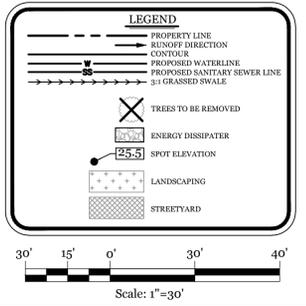
PARKING LOT INTERIOR LANDSCAPING
REQUIRED: 33,184 S.F. * 8% = 2,655 S.F.
PROVIDED: 3,250 S.F.

STREYTYARD REQUIREMENT: 119 LF X 18" = 2,142 S.F.
PROVIDED: 2,180 S.F.

EXISTING SEWER AND WATER DEMAND:
SEWER = 360 GPD
WATER = 360 GPD

PROPOSED SEWER AND WATER DEMAND:
SEWER @ 25 GAL/PERSON = 150 GPD
WATER @ 140% SEWER USAGE = 210 GPD

- DEVELOPMENT NOTES:**
- ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
 - PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE & NEW HANOVER COUNTY REGULATIONS.
- UTILITY NOTES:**
- EXISTING WATER AND SANITARY SEWER SERVICES ARE CURRENTLY AVAILABLE TO THE SITE FROM CAPE FEAR PUBLIC UTILITY AUTHORITY PUBLIC MAINS.
 - ALL PROPOSED UTILITY SERVICES, SUCH AS ELECTRIC POWER, CATV, GAS & TELEPHONE SHALL BE INSTALLED UNDERGROUND.
 - ALL WATER & SEWER UTILITIES TO BE INSTALLED PER CFPWA TECHNICAL SPECIFICATIONS & STANDARDS.
 - PROJECT SHALL COMPLY WITH CFPWA CROSS CONNECTION CONTROL REQUIREMENTS. WATER METERS(CANNOT BE RELEASED UNTILL ALL REQUIREMENTS ARE MET AND N.C.D.E.N.R. HAS ISSUED THEIR "FINAL APPROVAL". CALL 343-3910 FOR INFORMATION.
 - ANY BACKFLOW PREVENTION DEVICES REQUIRED BY THE CFPWA WILL NEED TO BE ON THE LIST OF APPROVED DEVICES BY USFCFCHHR OR ASSE.
 - WATER & SEWER SERVICES CAN NOT BE ACTIVATED ON NEW MAINS UNTIL THE ENGINEER'S CERTIFICATION AND AS-BUILTS ARE RECEIVED AND "FINAL APPROVAL" ISSUED BY THE PUBLIC WATER SUPPLY SECTION OF NCDENR, AND "FINAL ENGINEERING CERTIFICATION" ISSUED BY DIVISION OF WATER QUALITY SECTION OF NCDENR.
 - IF CONTRACTOR DESIRES CFPWA WATER FOR CONSTRUCTION, HE SHALL APPLY IN ADVANCE FOR THIS SERVICE AND MUST PROVIDE A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTION DEVICE ON THE DEVELOPER'S SIDE OF THE WATER METER BOX.
 - WHEN PVC WATER MAINS AND SERVICES ARE PROPOSED, THE PIPES ARE TO BE MARKED WITH NO. 10 INSULATED, SINGLE-STRAND COPPER WIRE INSTALLED & STRAPPED TO THE PIPES WITH DUCT TAPE. THIS IS TO BE ACCESSIBLE IN ALL VALVES AND METER BOXES TO AID IN FUTURE LOCATION OF FACILITIES.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OR EXISTING UTILITIES DURING CONSTRUCTION. CALL U-LOCO AT 1-800-632-4949. CONTRACTOR IS RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY UTILITIES, CURB & GUTTER, PAVEMENT, ETC. THAT MAY BE DAMAGED DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPAIRED TO AT LEAST THE QUALITY OR WORKMANSHIP FOUND IN THE ORIGINAL ITEM.
 - THE BELLSOUTH CONTACT IS STEVE DAYVAULT, BUILDING INDUSTRY CONSULTANT, AT 910-392-8712. CONTACT HIM PRIOR TO STARTING THE PROJECT IN ORDER TO FACILITATE GOOD COMMUNICATION AND MAXIMUM FLEXIBILITY.
 - THE PROCESS FOR TELEPHONE CABLE PLACEMENT: * FINAL GRADE WILL NEED TO BE ESTABLISHED. * POWER WILL PLACE THEIR CABLE FIRST - APPROXIMATELY 3' DEEP. * BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT APPROXIMATELY 2' DEEP.
 - SOLID WASTE DISPOSAL BY PRIVATE DUMPSTER SERVICE.
 - ALL RUNOFF FROM IMPERVIOUS SURFACES TO BE ROUTED TO STORMWATER FACILITY.
- GENERAL TRAFFIC NOTES:**
- ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS. [DETAIL SD-13 COFW TECH STDS]
 - ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS. [DETAIL SD-15-13 COFW TECH STDS]
 - A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET. NOTE THIS ON THE PLAN AND CONTACT 341-5888 FOR MORE DETAILS. IN CERTAIN CASES AN ENTIRE RESURFACING OF THE AREA BEING OPEN CUT MAY BE REQUIRED.
 - IT SHALL BE THE RESPONSIBILITY OF THE SUBDIVIDER TO ERECT OFFICIAL STREET NAME SIGNS AT ALL INTERSECTIONS ASSOCIATED WITH THE SUBDIVISION IN ACCORDANCE WITH THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL. THE SUBDIVIDER MAY ACQUIRE AND ERECT OFFICIAL STREET NAME SIGNS OR MAY CHOOSE TO CONTRACT WITH THE CITY TO INSTALL THE STREET SIGNS AND THE SUBDIVIDER SHALL PAY THE COST OF SUCH INSTALLATION. CONTACT TRAFFIC ENGINEERING AT 341-7888 TO DISCUSS INSTALLATION OF TRAFFIC AND STREET NAME SIGNS. PROPOSED STREET NAMES MUST BE APPROVED PRIOR TO INSTALLATION OF STREET NAME SIGNS.
 - ANY BROKEN OR MISSING SIDEWALK PANELS, DRIVEWAY PANELS AND CURBING WILL BE REPLACED.
 - A LANDSCAPING PLAN INDICATING THE LOCATION OF REQUIRED STREET TREES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON TRAFFIC ENGINEERING DIVISION AND PARKS AND RECREATION DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE RECORDING OF THE FINAL PLAT. [SD 15-14 COFW TECH STDS]
 - CONTACT TRAFFIC ENGINEERING AT 341-7888 FORTY-EIGHT HOURS PRIOR TO ANY EXCAVATION IN THE RIGHT OF WAY.
 - ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30' TO 10'.
- FIRE & SAFETY NOTES:**
- CONSTRUCTION TYPE: 3B COMMERCIAL
 - BUILDINGS WILL NOT BE SPRINKLED
 - PARKING AND LANDSCAPING CANNOT BLOCK FIRE HYDRANTS.
 - ALL WEATHER ACCESS ROAD MUST BE MAINTAINED AROUND CONSTRUCTION SITE AT ALL TIMES.
 - HYDRANTS SHALL BE OF SUFFICIENT NUMBERS TO ACCOMMODATE BASE FLOW REQUIREMENTS OF STRUCTURE.
 - IN ADDITION TO THE STANDARD COMMENTS, ADDITIONAL FIRE PROTECTION AND ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.



REVISIONS

NO.	DATE	DESCRIPTION

INTRACOASTAL ENGINEERING, PLLC

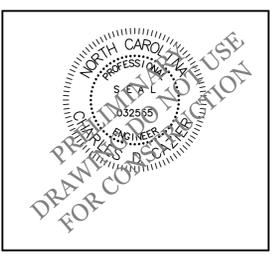
5725 Oleander Dr. Unit E-7
Wilmington, North Carolina 28403
Phone: 910.859.8983
Email: Charlie@intracoastalengineering.com
License Number: P-0662

PRELIMINARY SITE PLAN

FOR

H2 TURBO WASH

WILMINGTON, NC



CLIENT INFORMATION:

TASK North Carolina, LLC
1319 Military Cutoff Rd.
Suite 168
Wilmington, NC 28405

DRAWN: JAE	SHEET SIZE: 24x36
CHECKED: CDC	DATE: 11/02/2016
APPROVED: CDC	SCALE: 1" = 30'
PROJECT NUMBER: 2016-023	

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1 OF 1