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ENGINEERS CERTIFICATION

NOTE: NOT VALID WITHOUT ORIGINAL SIGNATURE, DATE, AND SEAL.

STEVEN W. MONROE PE #61778

SIGNATURE: *[Signature]*

DATE: DECEMBER 12, 2017

VICINITY MAP

OWNER / CLIENT:
JUMBO TIRES, LLC
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ORLANDO, FL 32824
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ENGINEER:
MID-FLORIDA ENGINEERING CONSULTANTS DBA
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CONTACT: MR. STEVEN W. MONROE, P.E.

SITE ADDRESS: 7500 CENTRAL FLORIDA PKWY., ORLANDO, FL 32824
PARCEL ID: 11-24-29-7352-00-041
CURRENT ZONING: IND-4 (INDUSTRIAL DISTRICT)
LAND USE DESIGNATION: INDUSTRIAL
LEGAL DESCRIPTION: (PER PRIOR WARRANTY DEED)
THE EAST 330.00 FEET OF THE WEST 440.00 OF LOT 4, REGENCY INDUSTRIAL PARK SEC 7, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 5, PAGE 37, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
THE WEST 140.00 FEET OF THE EAST 280.00 FEET OF LOT 4, REGENCY INDUSTRIAL PARK SEC 7, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 5, PAGE 37, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
THE EAST 140.00 FEET OF LOT 4, REGENCY INDUSTRIAL PARK SEC 7, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 5, PAGE 37, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

NOTES:
1. THIS PLAN WAS PREPARED FOR JUMBO TIRES, LLC, FOR THE SOLE PURPOSE OF MAKING APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR A TIRE PROCESSING FACILITY.
2. ENGINEER OF RECORD CONDUCTED A SITE VISIT ON 12/11/17 TO VERIFY EXISTING CONDITIONS OF THE SITE.
3. THE ENGINEER OF RECORD DID NOT INSPECT THE EXISTING BUILDING STRUCTURE FOR THE PURPOSE OF IDENTIFYING FIRE WALLS (OR FIRE RATINGS) THAT MAY OR MAY NOT EXIST.
4. THIS FACILITY IS PROTECTED BY AN EXISTING FIRE SPRINKLER SYSTEM AND MULTIPLE FIRE EXTINGUISHERS.
5. THIS SITE SKETCH IS FOR INFORMATIONAL PURPOSES ONLY. IT WAS NOT PREPARED WITH THE BENEFIT OF A SURVEY OR TITLE SEARCH.
6. NO OUTSIDE STORAGE OR PROCESSING AREAS PROPOSED.
7. NO VISIBLE WETLANDS OR WATER WELLS WITHIN 200 FEET OF THE TIRE PROCESSING FACILITY.
8. NO NEW STRUCTURES OR BUILDINGS PROPOSED WITH THIS PROJECT.
9. FENCES, GATES & OTHER ACCESS CONTROL MEASURES THAT EXIST WITHIN THE TIRE PROCESSING FACILITY ARE SHOWN ON THE SITE SKETCH.
10. NO TIRE DISPOSAL AREAS PROPOSED WITHIN THE FACILITY.

MAINTENANCE OF OPERATION:
A. FACILITY SHALL BE OPERATED IN ACCORDANCE WITH FAC 62-711.540.
B. FACILITY SHALL BE MAINTAINED IN A CLEAN & PROFESSIONAL MANNER.
C. MATERIALS & BY PRODUCTS SHALL BE PROCESSED WITHIN THE EXISTING BUILDING.
D. SECONDARY DUST RESIDUES & BY PRODUCTS (IF DUST RESIDUES ACCUMULATED) SHALL BE PROPERLY REMOVED & DISPOSED BY A LICENSED FACILITY.
E. NO MATERIAL OR BY PRODUCT SHALL BE RELEASED OR ALLOWED TO FLOW INTO THE ON-SITE/ON-SITE STORM WATER SYSTEM.

PROCESSING FACILITY REQUIREMENT NOTES: (REF FAC 62-711.540)
(1) ALL WASTE TIRE SITES, COLLECTION CENTERS, PROCESSING FACILITIES, AND DISPOSAL FACILITIES WHICH STORE WASTE TIRES SHALL COMPLY WITH THE FOLLOWING TECHNICAL AND OPERATIONAL STANDARDS:
(A) IF THE SITE RECEIVES WASTE TIRES FROM THE PUBLIC, A SIGN SHALL BE POSTED AT THE ENTRANCE OF THE SITE STATING OPERATING HOURS, COST OF DISPOSAL, AND SITE RULES.
(B) NO OPERATIONS INVOLVING THE USE OF SPILL FLAMES SHALL BE CONDUCTED WITHIN 25 FEET OF A WASTE TIRE PILE.
(C) AN ATTENDANT SHALL BE PRESENT WHEN THE SITE IS OPEN FOR BUSINESS IF THE SITE RECEIVES WASTE TIRES FROM THE PUBLIC.
(D) FIRE PROTECTION SERVICES FOR THE SITE SHALL BE ASSURED THROUGH NOTIFICATION TO LOCAL FIRE PROTECTION AUTHORITIES. A FIRE SAFETY SURVEY SHALL BE CONDUCTED AT LEAST ANNUALLY AND THE SURVEY REPORT SHALL BE MADE PART OF THE NEXT QUARTERLY REPORT.
(E) THE OPERATOR OF THE SITE SHALL PREPARE AND KEEP AT THE SITE AN EMERGENCY PREPAREDNESS MANUAL. A COPY OF THE CURRENT MANUAL SHALL BE KEPT AT AN OFF-SITE LOCATION DESIGNATED BY THE OPERATOR. THE MANUAL SHALL BE UPDATED AT LEAST ONCE A YEAR AND UPON CHANGES IN OPERATIONS AT THE SITE. THE MANUAL SHALL CONTAIN THE FOLLOWING ELEMENTS: REFERENCE FAC 62-711.540(1)(C) FOR SPECIFIC INFORMATION.
1. A LIST OF NAMES AND NUMBERS OF PERSONS TO BE CONTACTED IN THE EVENT OF A FIRE, FLOOD, OR OTHER EMERGENCY.
2. A LIST OF THE EMERGENCY RESPONSE EQUIPMENT AT THE SITE, ITS LOCATION, AND HOW IT SHOULD BE USED IN THE EVENT OF A FIRE OR OTHER EMERGENCY; AND
3. A DESCRIPTION OF THE PROCEDURES THAT SHOULD BE FOLLOWED IN THE EVENT OF A FIRE, INCLUDING PROCEDURES TO CONTAIN AND DISPOSE OF THE OILY MATERIAL GENERATED BY THE COMBUSTION OF LARGE NUMBERS OF WASTE TIRES.
(F) THE OPERATOR OF THE SITE SHALL IMMEDIATELY NOTIFY THE DEPARTMENT IN THE EVENT OF A FIRE OR OTHER EMERGENCY WHICH POSSES AN UNANTICIPATED THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT. WITHIN TWO WEEKS OF ANY EMERGENCY, THE OPERATOR OF THE SITE SHALL SUBMIT TO THE DEPARTMENT A WRITTEN REPORT ON THE EMERGENCY. THIS REPORT SHALL DESCRIBE THE ORIGINS OF THE EMERGENCY, THE ACTIONS THAT WERE TAKEN TO DEAL WITH THE EMERGENCY, THE RESULTS OF THE ACTIONS THAT WERE TAKEN, AND AN ANALYSIS OF THE SUCCESS OR FAILURE OF THE ACTIONS.
(G) THE OPERATOR OF THE SITE SHALL MAINTAIN RECORDS OF THE QUANTITY OF WASTE TIRES RECEIVED AT THE SITE, STORED AT THE SITE, AND SHIPPED FROM THE SITE.
(H) IF THE OPERATOR OF THE SITE IS NOT THE OWNER OF THE PROPERTY, THE OPERATOR SHALL OBTAIN WRITTEN AUTHORIZATION TO OPERATE THE FACILITY FROM THE OWNER OF THE PROPERTY.
(I) COMMUNICATION EQUIPMENT SHALL BE MAINTAINED AT THE WASTE TIRE SITE TO ASSURE THAT THE SITE OPERATOR CAN CONTACT LOCAL FIRE PROTECTION AUTHORITIES IN CASE OF A FIRE.
(J) THE OWNER OR OPERATOR SHALL PROVIDE FOR CONTROL OF MOSQUITOES AND RODENTS SO AS TO PROTECT THE PUBLIC HEALTH AND WELFARE.
(K) AN APPROACH AND ACCESS ROAD TO THE WASTE TIRE SITE SHALL BE KEPT PASSABLE FOR ANY MOTOR VEHICLE AT ALL TIMES.
(L) ALL WASTE TIRE SITES, COLLECTION CENTERS, PROCESSING FACILITIES, AND DISPOSAL FACILITIES WHICH STORE WASTE TIRES MUST COMPLY WITH THE FOLLOWING ADDITIONAL TECHNICAL AND OPERATIONAL STANDARDS:
(A) TIRE PILES MAY NOT BE MORE THAN 50 FEET IN WIDTH, EXCEPT THAT PILES ALONG A WALL SHALL NOT BE MORE THAN 25 FEET IN WIDTH.
(B) THE WIDTH OF MAIN AISLES BETWEEN TIRE PILES SHALL BE NOT LESS THAN EIGHT FEET.
(C) THE CLEARANCE FROM THE TOP OF STORAGE TO SPRINKLER DEFLECTORS OR ROOF STRUCTURES SHALL NOT BE LESS THAN THREE FEET.
(D) THE CLEARANCE IN ANY DIRECTION FROM UNIT HEATERS, RADIANT SPACE HEATERS, DUCT FURNACES, AND FLUES SHALL NOT BE LESS THAN THREE FEET.
(E) WHEN WASTE TIRES ARE STORED UP TO 15 FEET HIGH, WALLS BETWEEN ADJACENT WAREHOUSE AREAS AND BETWEEN MANUFACTURING AND WAREHOUSE AREAS SHALL HAVE NOT LESS THAN A FOUR-HOUR FIRE RATING.
(F) WHEN WASTE TIRES ARE STORED OVER 15 FEET HIGH, WALLS BETWEEN MANUFACTURING AND WAREHOUSE AREAS SHALL HAVE A FIRE RATING OF NOT LESS THAN SIX HOURS AND STEEL COLUMNS SHALL HAVE ONE HOUR FIREPROOFING. IF THE TOP OF STORAGE EXCEEDS 20 FEET IN HEIGHT, TWO-HOUR FIREPROOFING SHALL BE PROVIDED FOR THE COLUMN AND ITS CONNECTIONS WITH OTHER STRUCTURAL MEMBERS.
(G) AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN COMPLIANCE WITH THE STANDARD FOR STORAGE OF RUBBER TIRES, NFPA 220, PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION, BATTERY MARCH PARK, QUINCY, MASSACHUSETTS, INCORPORATED HEREIN BY REFERENCE, MAY BE SUBSTITUTED FOR FIRE WALLS AND COLUMN FIREPROOFING.
(H) AT ANY TIME WHEN AN ATTENDANT IS NOT PRESENT, ACCESS TO THE SITE SHALL BE CONTROLLED THROUGH THE USE OF DOORS, FENCES, GATES, NATURAL BARRIERS, OR OTHER MEANS.
(I) (A)-(H) DELETED. (NOT APPLICABLE, NO OUTDOOR STORAGE PROPOSED)
(J) FOR ALL WASTE TIRE SITES, COLLECTION CENTERS, PROCESSING FACILITIES, AND DISPOSAL FACILITIES WHICH STORE PROCESSED WASTE TIRES, THE TEMPERATURE OF ANY ABOVE-GROUND PILES OF COMPACTED, PROCESSED TIRES OVER TEN FEET HIGH SHALL BE MONITORED AND MAY NOT EXCEED 300 DEGREES FAHRENHEIT. TEMPERATURE CONTROL MEASURES SHALL BE INSTITUTED SO THAT PILE TEMPERATURES DO NOT EXCEED 300 DEGREES FAHRENHEIT. TEMPERATURE MONITORING AND CONTROLS ARE NOT REQUIRED FOR PROCESSED TIRES DISPOSED OF IN PERMITTED LANDFILLS.
(K) ANY RESIDUALS FROM WASTE TIRE PROCESSING MUST BE MANAGED SO AS TO BE CONTAINED ON-SITE, AND MUST BE CONTROLLED AND DISPOSED OF IN A PERMITTED SOLID WASTE MANAGEMENT FACILITY OR PROPERLY RECYCLED.
(L) THE DEPARTMENT SHALL APPROVE EXCEPTIONS REQUESTED BY AN APPLICANT AS PART OF A WASTE TIRE PROCESSING FACILITY PERMIT APPLICATION OR MODIFICATION TO THE PRECEDING TECHNICAL AND OPERATIONAL STANDARDS IF:
(A) NO WASTE TIRES ARE STORED ON THAT SITE FOR MORE THAN ONE MONTH; AND
(B) THE DEPARTMENT, AFTER CONSULTATION WITH THE LOCAL FIRE AUTHORITY, IS SATISFIED THAT THE SITE OWNER OR OPERATOR HAS SUFFICIENT FIRE SUPPRESSION EQUIPMENT OR MATERIALS ON SITE TO EXTINGUISH ANY POTENTIAL WASTE TIRE FIRE WITHIN AN ACCEPTABLE LENGTH OF TIME.

MEC

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PROJECT NAME:
JUMBO TIRES- CENTRAL FLORIDA PKWY.

SHEET DESCRIPTION: **SITE SKETCH** DRAWING SCALE: **1=1**

DATE OF ORIGINAL ISSUE: **12/12/17** DRAWN: **KB** CHECKED: **SM** APPR: **LM**

REV. DATE BY DESCRIPTION PROJECT NUMBER SHEET 1 OF 1

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