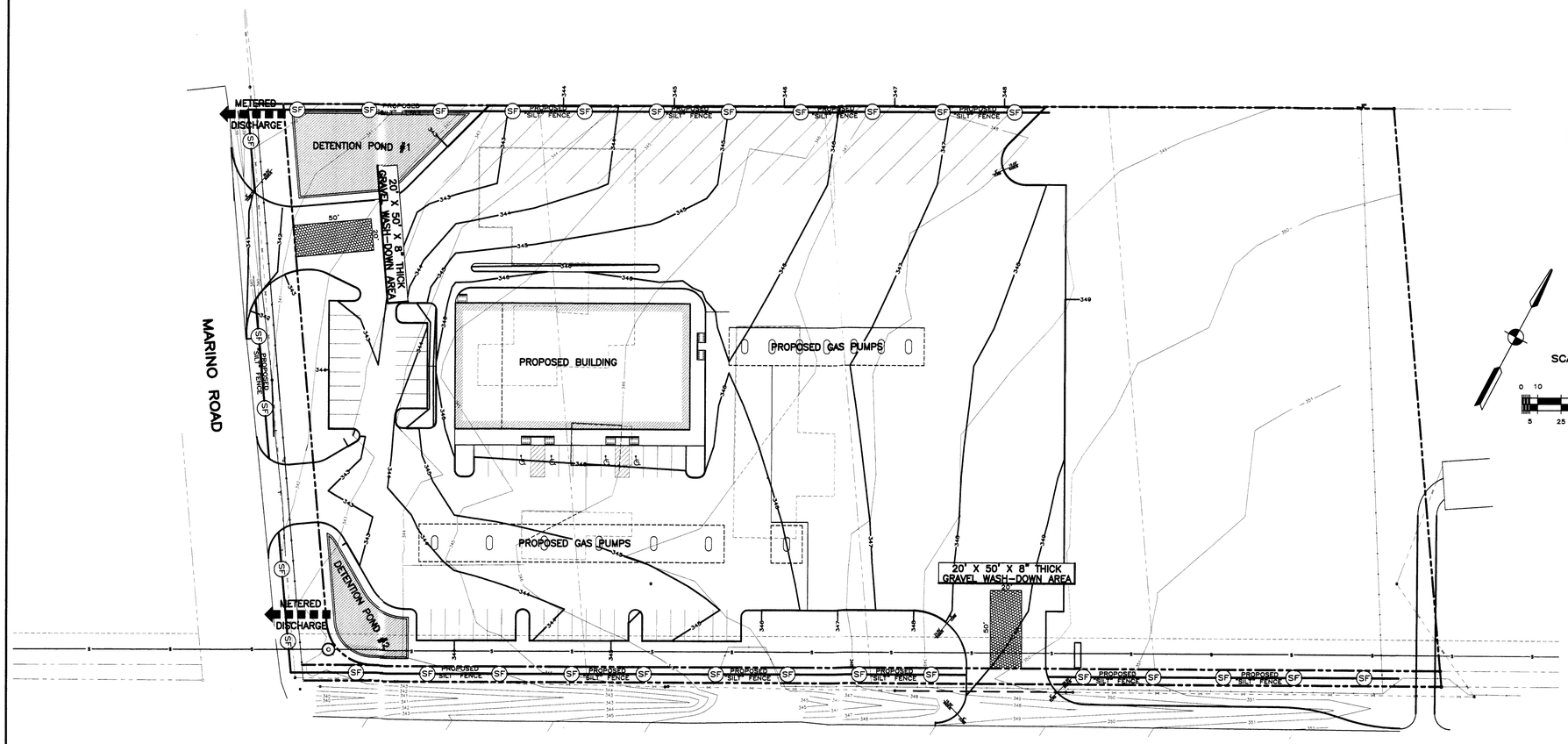
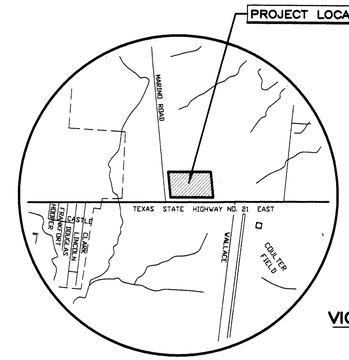
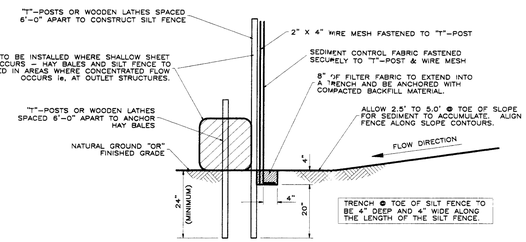




VICINITY MAP
N.T.S.

SCALE: 1" = 40'
0 10 50
5 25 100
(SCALE IN FEET)

LOCATION MAP
BRAZOS COUNTY, TEXAS



EROSION CONTROL BARRIER DETAIL

N.T.S.

(SF) DENOTES PROPOSED "SILT FENCE" TO BE INSTALLED AND MAINTAINED DURING THE DURATION OF THE PROJECT BY THE CONTRACTOR'S FORCES.

CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A 20' X 50' X 8" THICK GRAVEL WASH-DOWN AREA AS SHOWN HEREON. NO "TRACKING" OF DIRT OR MUD WILL BE ALLOWED AT ANY TIME ONTO TEXAS STATE HIGHWAY 21 EAST OR MARINO ROAD. IN THE EVENT THAT DIRT OR MUD IS "TRACKED" ONTO TEXAS STATE HIGHWAY NO. 21 EAST AND/OR MARINO ROAD THE CONTRACTOR WILL BE RESPONSIBLE FOR PROMPTLY AND WITH FULL CONCERN FOR PUBLIC SAFELY, REMOVE SUCH DEBRIS. (TRAFFIC CONTROL WILL BE REQUIRED SHOULD CLEANING OF ADJACENT ROADWAYS AND/OR BE DEEMED NECESSARY).

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Consulting Engineering & Land Surveying
4444 Carter Creek Parkway Suite 108
Bryan, Texas 77802
Phone: 979 / 846 - 2688

PREPARED BY: DONALD D. GARRETT, P.E.
GARRETT ENGINEERING
4444 CARTER CREEK PARKWAY SUITE 108
BRYAN, TEXAS 77802
TELEPHONE: (979) 846-2688

TRAFFIC CONTROL NOTE:

TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED BY SEPARATE CONTRACTOR, ie, N-LINE, INC. IN ACCORDANCE WITH TXDOT STANDARD DETAILS AND SPECIFICATIONS.

SITE DESCRIPTION

PROJECT NAME AND LOCATION:

OWNER AND DEVELOPER:

SAM TRIHN / TEXAS LS INVESTMENTS LLC
4405 REGAL OAKS DRIVE
COLLEGE STATION, TEXAS 77845-8806
TELEPHONE: (979) 575-4545

BRYAN, BRAZOS COUNTY, TEXAS

THE SITE IS NOT LOCATED ON INDIAN LANDS.

LATITUDE: 30°42'51.01" N
LONGITUDE: 96°20'37.97" W

MS4 OPERATOR NAME: CITY OF BRYAN, TEXAS

RECEIVING WATER BODY: CARTERS CREEK

DESIGNATED ACTIVITY CODE: CO

FACILITY IS NOT REQUIRED TO SUBMIT MONITORING DATA: 1

ESTIMATED AREA TO BE DISTURBED: 6.13 ACRES

THIS STORM WATER POLLUTION PREVENTION PLAN IS IN COMPLIANCE WITH STATE AND LOCAL SEDIMENT AND EROSION PLANS.

DESCRIPTION:

THIS PROJECT WILL CONSIST OF:

BUILDINGS, DRIVEWAYS, PARKING AREAS, SIDEWALKS, DRAINAGE AND UTILITY IMPROVEMENTS ASSOCIATED WITH THE DEVELOPMENT OF SUBJECT CONVENIENCE STORE/ GAS STATION, AND RESTURANT.

SOIL DISTURBING ACTIVITIES INCLUDE:

CLEARING AND GRUBBING, INSTALLING A STABILIZED CONSTRUCTION ENTRANCE, EROSION AND SEDIMENT CONTROLS; GRADING; DRAINAGE; UTILITIES; CONSTRUCTION OF BUILDINGS, DRIVEWAYS, PARKING AREAS, SIDEWALKS, PREPARATION FOR FINAL PLANTING AND SEEDING.

RUNOFF COEFFICIENT:

FINAL COEFFICIENT OF RUNOFF FOR THE SITE WILL BE 93 (CN)

SEQUENCE OF MAJOR ACTIVITIES:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE
2. INSTALL SILT FENCING
3. CLEAR AND GRUB
4. CONSTRUCT DETENTION PONDS
5. INSTALL UTILITIES, CONSTRUCT BUILDINGS, DRIVEWAYS, PARKING AREAS, SIDEWALKS, AND STORM SEWER.
6. COMPLETE GRADING AND INSTALL PERMANENT SEEDING
7. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETED THE SITE IS STABILIZED, REMOVE SILT FENCE AND RESEED ANY AREA DISTURBED DURING CONSTRUCTION.

PROPOSED DRAINAGE:

THE PROPOSED DESIGN WILL ROUTE DRAINAGE FLOW ACROSS THE SITE AND INTO DETENTION PONDS #1 AND #2 WHICH WILL THEN METER STORM WATER DISCHARGE INTO DRAINAGE DITCHES ALONG NORTHWEST SIDE OF STATE HIGHWAY NO.21 EAST AND NORTHEAST SIDE OF MARINO ROAD.

CONTROLS

EROSION AND SEDIMENT CONTROLS:

TEMPORARY STABILIZATION - AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY SEED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. ALL PROPOSED FILL MATERIAL WILL BE SEEDED.

STRUCTURAL PRACTICES

SILT FENCING AND/OR HAY BALES WILL BE INSTALLED AT ALL OUTFALLS, AREAS WHERE WATER RUNS OFF THE SITE, INLETS UNDER CONSTRUCTION WILL HAVE SILT FENCING OR HAY BALES PLACED AROUND THE PERIMETER OF THE INLET. ALL CONSTRUCTED INLETS WILL HAVE SANDBAGS PLACED IN FRONT OF THE THROAT TO COLLECT SEDIMENT BUT ALLOW FLOW OF WATER INTO THE INLETS.

STORM WATER MANAGEMENT

STORM WATER DRAINAGE WILL BE PROVIDED BY CURB AND GUTTER AND STORM DRAIN LINES FOR THE DEVELOPED AREA. ALL AREAS AFFECTED BY CONSTRUCTION WILL BE FINE GRADED AND HAVE PERMANENT SEEDING. THE REMAINDER OF THE AREA WILL REMAIN IN ITS NATURAL STATE.

OFFSITE VEHICLE TRACKING

STABILIZED CONSTRUCTION ENTRANCES WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.

TIMING OF CONTROLS / MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILTATION FENCING WILL BE CONSTRUCTED PRIOR TO CLEARING AND GRADING OF ANY PORTION OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A "EMPORARY SEED OR MULCH WITHIN 14 DAYS OF THE LAST DISTRUBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND OR MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SILT FENCING AND THE STORM DRAIN SYSTEM, DISPOSED OF PROPERLY AND THE SILT FENCING REMOVED.

CERTIFICATION OF COMPLIANCE WITH STATE AND LOCAL REGULATIONS

THE STORM WATER POLLUTION PREVENTION PLAN (SW3P) REFLECTS THE CITY'S REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE CITIES DRAINAGE POLICY. THERE ARE NO OTHER APPLICABLE STATE OR FEDERAL REQUIREMENTS FOR SEDIMENT AND EROSION SITE PLANS (OR PERMITS) OR STORM WATER MANAGEMENT SITE PLANS (OR PERMITS).

MAINTENANCE / INSPECTION PROCEDURES

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

-ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.

-ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY IT WILL ME INITIATED WITHIN 24 HOURS OF THE REPORT.

-BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

-SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

-TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

-A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. THE INSPECTION REPORT FORM WILL BE PREPARED BY THE SITE SUPERINTENDENT AND FILED FOR RECORD.

-A SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD.

-NONE

OCT 22 2013

POLLUTION PREVENTION CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBLITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

DEVELOPER:

_____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBLITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

CONTRACTOR:

_____

STORM WATER POLLUTION PREVENTION PLAN

NO.	REVISIONS	DATE

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Bryan, Texas 77802
Phone: 979 / 846 - 2688

AGGIELAND TRUCK STOPS, LP
5943 EAST STATE HIGHWAY 21
BRYAN, BRAZOS COUNTY, TEXAS

SW3P

6.13 ACRE TRACT
BEING LOTS 8, 9, 10 AND 11
CHARLES (CAL) MARINO LAND PARTITION
STEPHEN F. AUSTIN LEAGUE NO. 10
BRYAN, BRAZOS COUNTY, TEXAS

SCALE: 1" = 40'
DRAWN: GARRETT
DATE: OCT., 2013

SHEET NO. C3