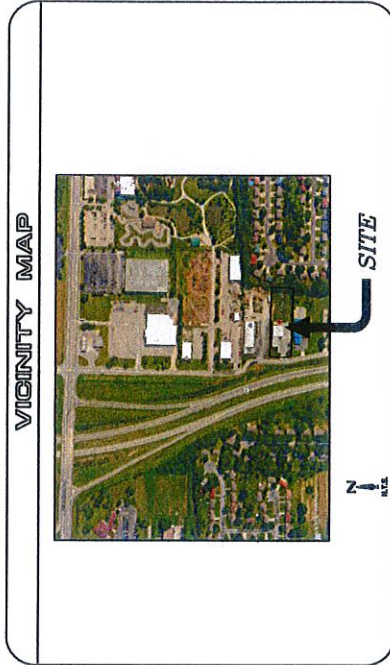


PRELIMINARY DEVELOPMENT PLAN

PROPOSED ADDITION FOR
 FLOORING AND MORE
 1707 NE RICE ROAD
 LEE'S SUMMIT, MISSOURI
 DATE: 2-18-2016

DRAWING INDEX

CIVIL	PRELIMINARY DEVELOPMENT PLAN COVER SHEET
CL00	SITE PLAN AND SITE DETAILS
GR00	GRADING PLAN
ESC1	EROSION CONTROL PLANS
LANDSCAPE	LANDSCAPE PLAN
ARCHITECTURAL	EXTERIOR ELEVATIONS



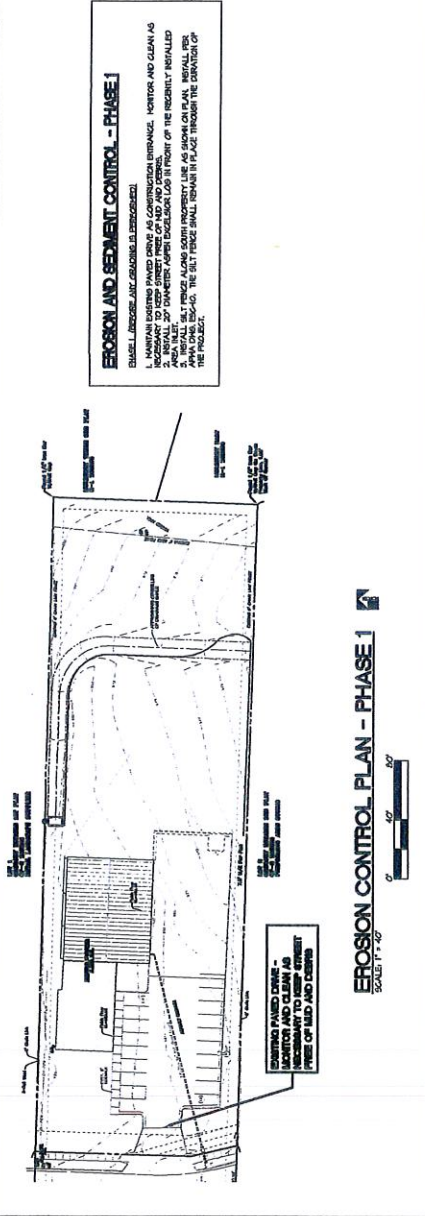
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FEB 25 2016

Planning & Codes Admin

LAMPEN ENGINEERING, INC.
 118 W. MAIN STREET
 BLUE SPRINGS, MISSOURI 64015
 (816) 250-0240 (816) 250-9004 FAX
 MO CERTIFICATE OF AUTHORITY NO. 00650884

tdc, inc. Architecture
 20019 South Loop West Road
 Houston, Texas 77058
 (813) 340-6000
 a division of
 the design club, Inc.
 Missouri State Certificate of Authority
 02080125010



EROSION AND SEDIMENT CONTROL - PHASE 1

SMALL EROSION CONTROL MEASURES IS REQUIRED.

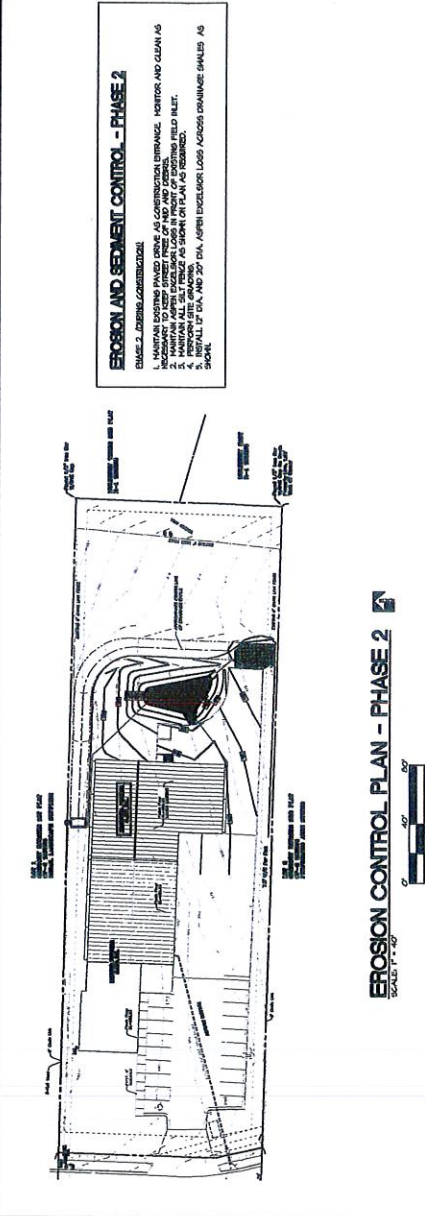
1. MAINTAIN EXISTING PAVED DRIVE AS CONSTRUCTION ENTRANCE. MONITOR AND CLEAN AS NECESSARY TO KEEP DRIVE FREE OF MUD AND DEBRIS.

2. CONCRETE PAVED DRIVE TO BE INSTALLED AS PER SPECIFICATIONS AND SHALL BE INSTALLED AS PER SPECIFICATIONS AND SHALL BE INSTALLED AS PER SPECIFICATIONS.

3. SILT FENCE SHALL BE INSTALLED AS PER SPECIFICATIONS AND SHALL BE INSTALLED AS PER SPECIFICATIONS.

4. SILT FENCE SHALL BE INSTALLED AS PER SPECIFICATIONS AND SHALL BE INSTALLED AS PER SPECIFICATIONS.

EROSION CONTROL PLAN - PHASE 1
SCALE: 1/4" = 1'-0"



EROSION AND SEDIMENT CONTROL - PHASE 2

SMALL EROSION CONTROL MEASURES IS REQUIRED.

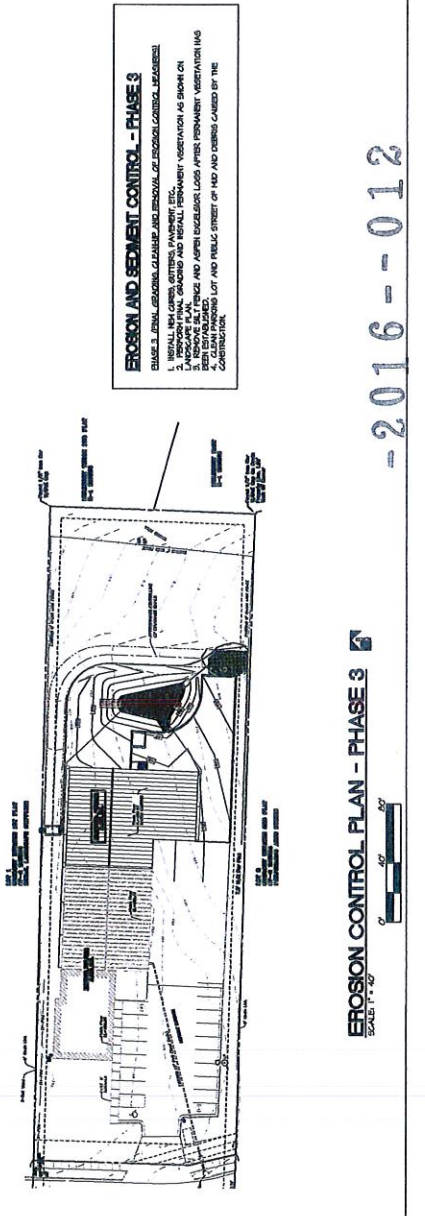
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EROSION CONTROL PLAN - PHASE 2
SCALE: 1/4" = 1'-0"



EROSION AND SEDIMENT CONTROL - PHASE 3

SMALL EROSION CONTROL MEASURES IS REQUIRED.

1. MAINTAIN EXISTING PAVED DRIVE AS CONSTRUCTION ENTRANCE. MONITOR AND CLEAN AS NECESSARY TO KEEP DRIVE FREE OF MUD AND DEBRIS.

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4. SILT FENCE SHALL BE INSTALLED AS PER SPECIFICATIONS AND SHALL BE INSTALLED AS PER SPECIFICATIONS.

EROSION CONTROL PLAN - PHASE 3
SCALE: 1/4" = 1'-0"

-2016--012

LAUREL ENGINEERING, INC.
1707 NE RICE ROAD
LEFFERS SUMMIT, MISSOURI

PROPOSED ADDITION FOR FLOORING AND MORE

DATE: 1-23-16
REVISIONS:
DRAWN BY: [Signature]

tdc, Inc.
2000 N. 10th St.
Leffers, MO 64584

ESC1
PROJECT # 15-10-002



Western Exclosure Technologies

Western Exclosure Technologies' Western Exclosure Technology is a full line of erosion control products consisting of a machine produced high quality Rocky Mountain Aspen Erosion Matrix contained in a polypropylene fabric. The matrix is made from recycled plastic and is designed to be used in conjunction with a geotextile fabric to provide erosion control. The matrix is made from recycled plastic and is designed to be used in conjunction with a geotextile fabric to provide erosion control.

Table 1 - Standard Erosion Control Values

Product	Flow Rate (ft ³ /min)	Flow Rate (ft ³ /hr)	Flow Rate (ft ³ /day)
1. 10' x 10' x 1.5' (1500 sq ft)	1.5	90	2250
2. 10' x 10' x 2.0' (2000 sq ft)	2.0	120	3000
3. 10' x 10' x 2.5' (2500 sq ft)	2.5	150	3750
4. 10' x 10' x 3.0' (3000 sq ft)	3.0	180	4500
5. 10' x 10' x 3.5' (3500 sq ft)	3.5	210	5250
6. 10' x 10' x 4.0' (4000 sq ft)	4.0	240	6000
7. 10' x 10' x 4.5' (4500 sq ft)	4.5	270	6750
8. 10' x 10' x 5.0' (5000 sq ft)	5.0	300	7500
9. 10' x 10' x 5.5' (5500 sq ft)	5.5	330	8250
10. 10' x 10' x 6.0' (6000 sq ft)	6.0	360	9000

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Planning & Codes Admin
Storm Channel Installation

Installation Instructions Log and Waiver

Step 1 - Site Preparation
Prepare site to accept profile and grade. Remove existing silt fence, etc. Channel area should be prepared to accept silt fence by removing any vegetation and debris.

Step 2 - Sample Selection
If 24" or less, select one to be used to accept the top to the ground surface. If 24" or more, select one to be used to accept the top to the ground surface. Select one to be used to accept the top to the ground surface.

Channel Installation
Place ECTP along center of ground preparation area. Channel should be placed on a firm, level surface. Channel should be placed on a firm, level surface. Channel should be placed on a firm, level surface.

Channel Installation
The next three items to accept installation. Minimum slope is 1%.

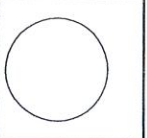
Figure C - Cross-Section View

INSTALLATION INSTRUCTIONS FOR SEDIMENT RETENTION FIBER ROLLS



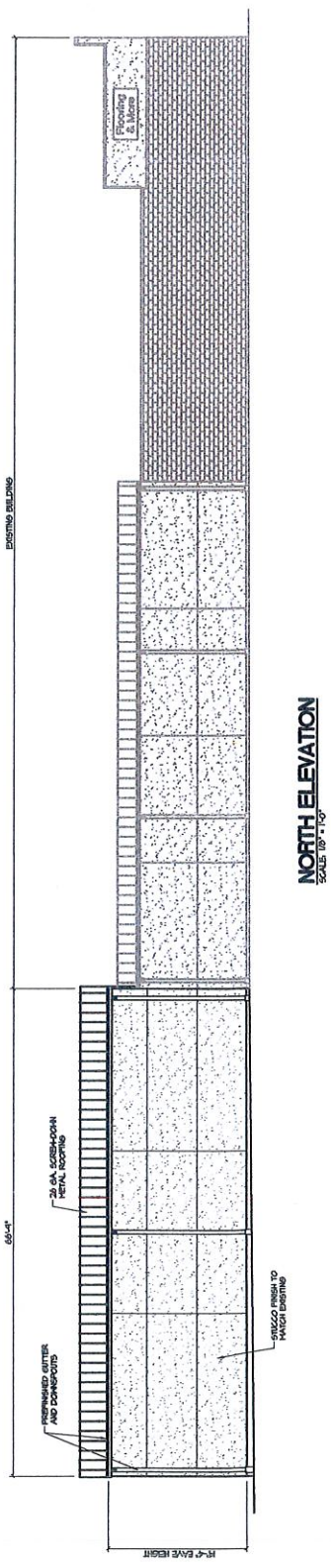
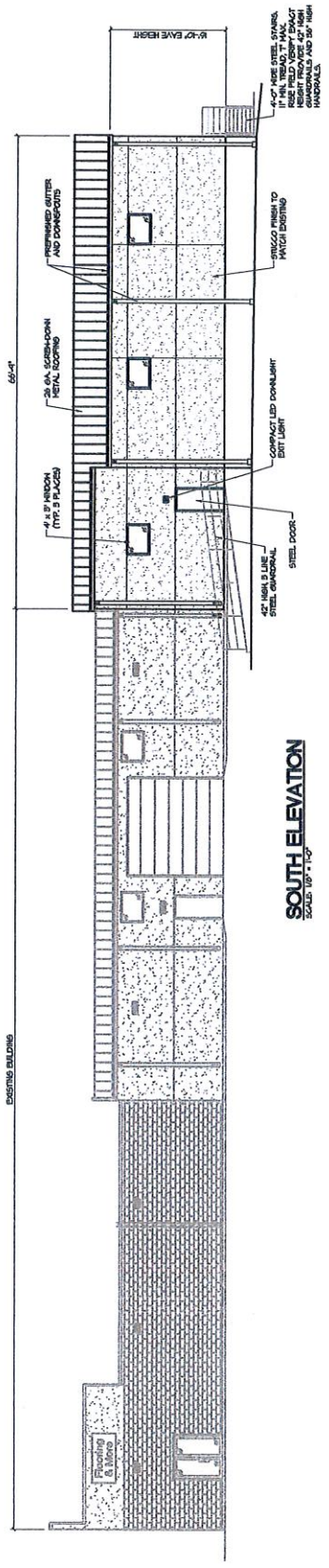
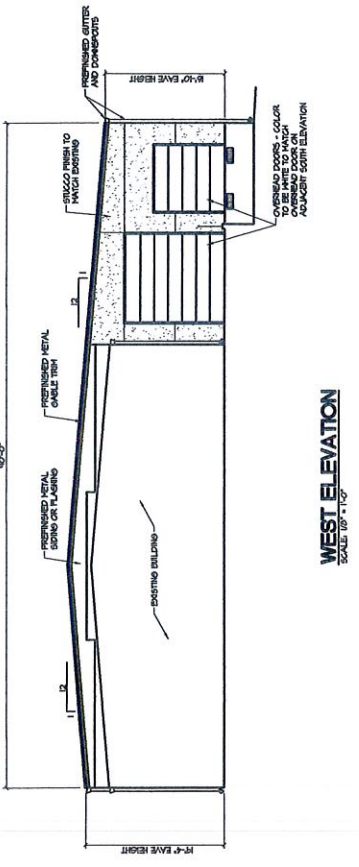
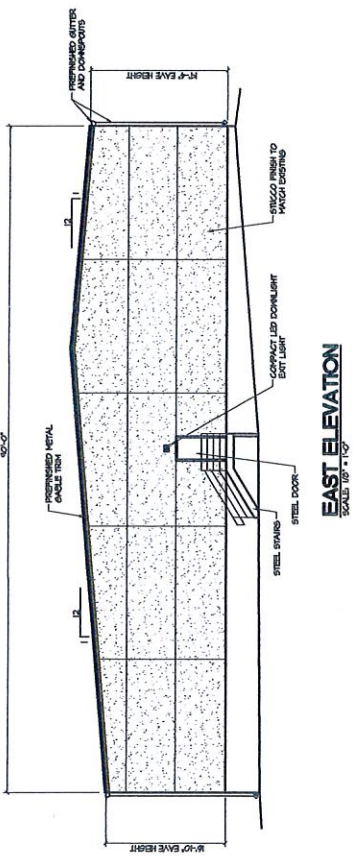
tdc, inc.
 Architectural
 1000 N. W. 10th St., Suite 100
 Ft. Lauderdale, FL 33304
 Phone: (561) 533-1111
 Fax: (561) 533-1112
 Website: www.tdcinc.com

PROPOSED ADDITION FOR
 FLOORING AND MORE
 707 NE RICE ROAD
 LEE'S SUMMIT, MISSOURI



DATE	REVISIONS
1-28-16	1
2-25-16	2

A200
 PROJECT # 15-102-008



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