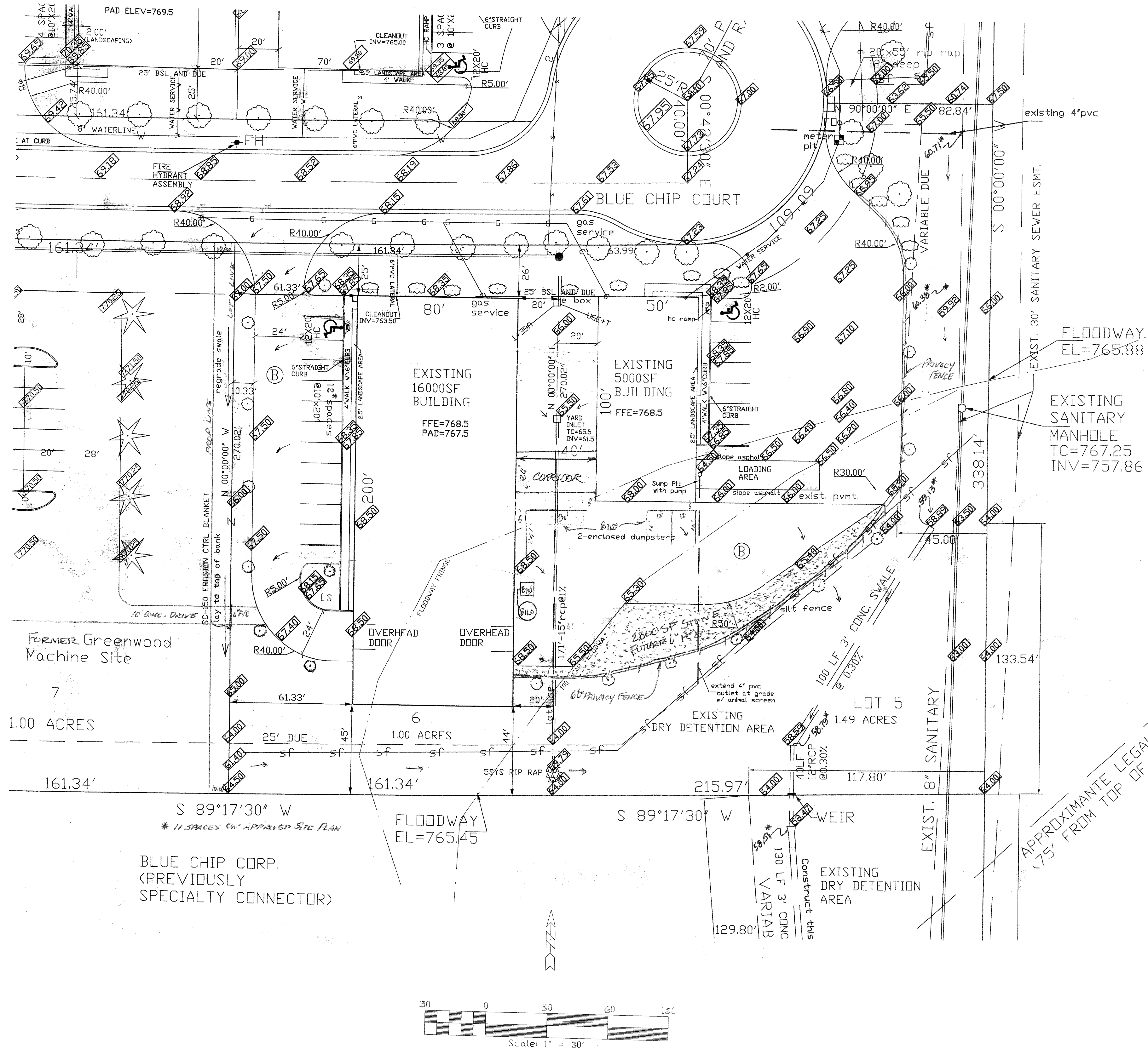


LEGAL DESCRIPTION

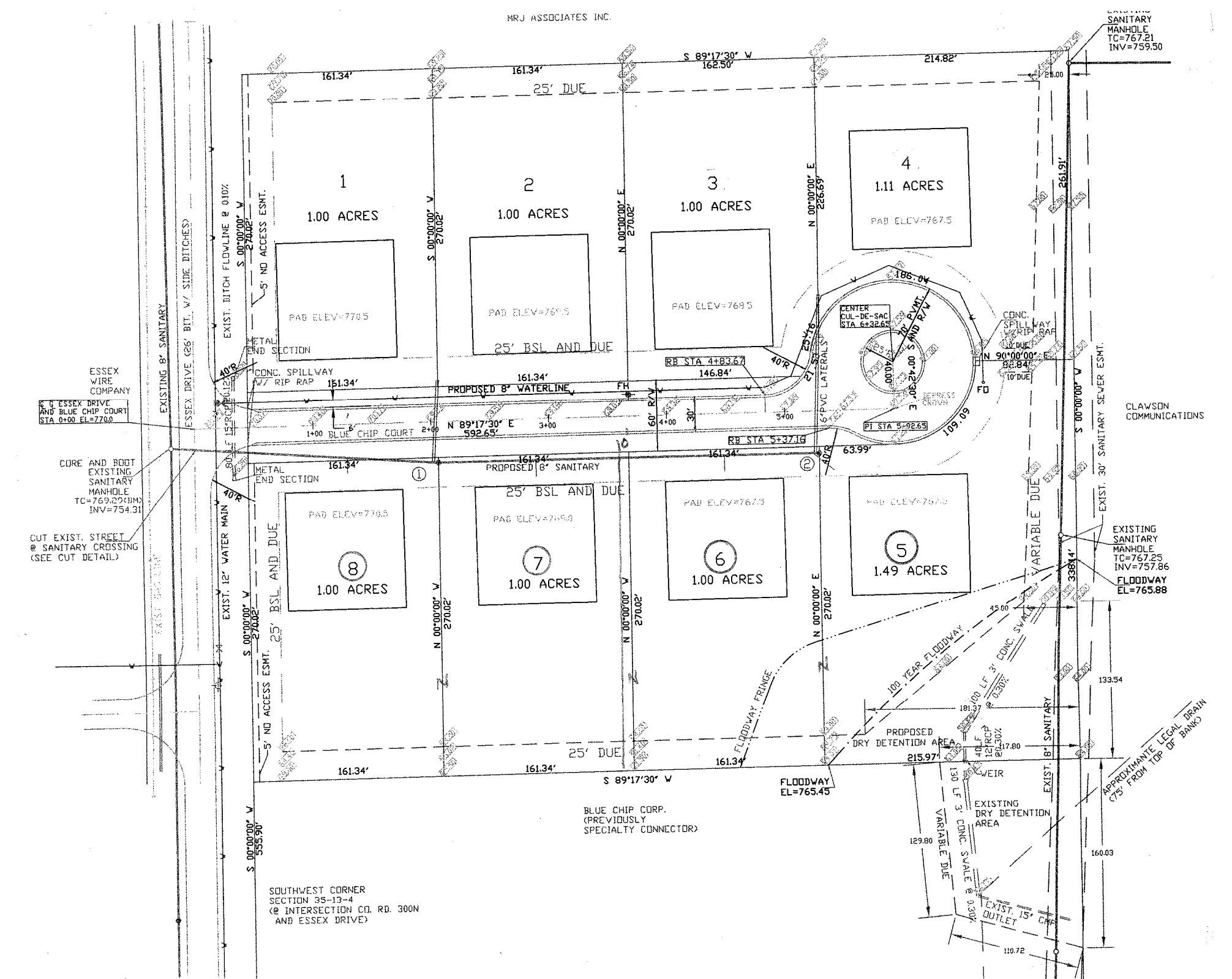
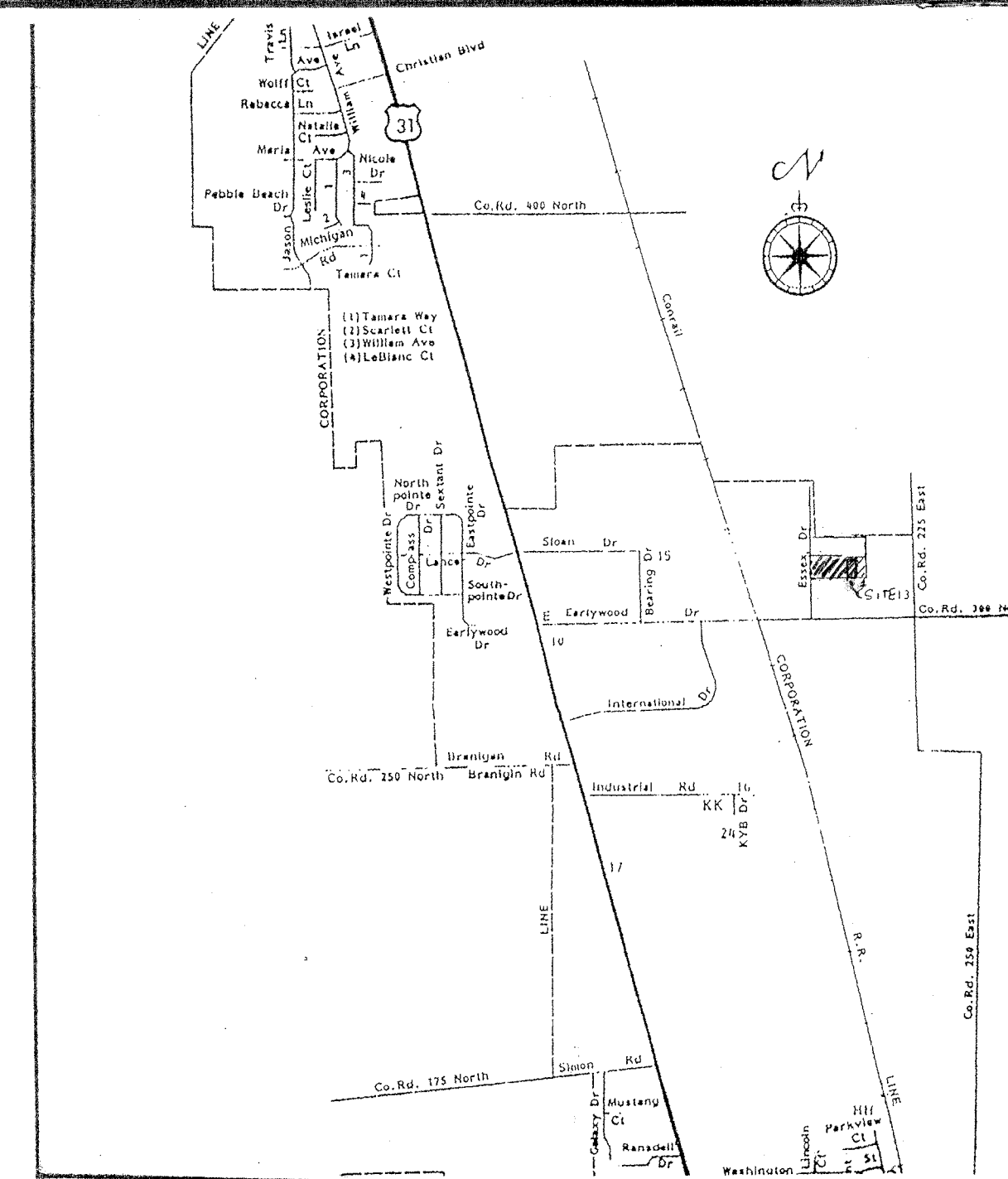
Lot Numbers 5 and 6 ten feet by parallel lines off the entire east side of lot no. 7 in Blue Chip Industrial Park, an addition to the City of Franklin as recorded in the Office of the Recorder of Johnson County, Indiana more particularly described as follows:
Beginning at the northeast corner of the aforesaid Lot No. 5 thence South 00 degrees 00 minutes 00 seconds West a distance of 261.91 feet; thence South 90 degrees 00 minutes 00 seconds West a distance of 338.14 feet to the southeast corner thereof; thence South 89 degrees 17 minutes 30 seconds West a distance of 387.31 feet; thence North 00 degrees 00 minutes 00 seconds West a distance of 270.02 feet; thence North 89 degrees 17 minutes 30 seconds East a distance of 235.33 feet; thence on and along a concave northwest curve to the left with a radius of 70.00 feet an arc distance of 109.09 feet and a chord bearing and distance of North 44 degrees 38 minutes 30 seconds East - 98.38 feet; thence North 90 degrees 00 minutes 00 seconds East a distance of 82.84 feet to the point of beginning containing 2.55 acres more or less subject however to all legal rights-of-way and easements of record.



LEGEND

- 770 EXISTING GROUND CONTOUR
- 77.50 FINISHED GRADE ELEVATION
- RED SUNSET RED MAPLE (QUALIFYING TREE)
(2" DIAMETER @ 4.5' FROM GROUND)
- SMALL TREE
(1.5" DIAMETER 4.5' FROM GROUND)
- PROPOSED BITUMINOUS PAVEMENT
1"-#12HAC SURFACE COAT
2"-#9HAC BINDER
2"-#53 STONE
6"-#2 STONE
- Flow Arrow
Handicap Ramp

- NOTES:
1. BENCHMARK: TC EXISTING SANITARY MANHOLE WEST SIDE ESSEX DRIVE, EL=763.29
 2. ALL UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
 3. ALL DISTURBED AREAS TO BE SEEDED AND MULCHED.



DESIGNED:

DRAWN:

CHECKED:

EXISTING CONDITION SITE SURVEY
3750SF BUILDING ADDITION
INNOVATIVE CASTING TECH.
351 BLUE CHIP COURT

Steven B. Williams,
Engineer and Surveyor
2808 East 700 North
Indianapolis, Indiana 46214
Phone: 317-460-7780 Fax: 317-585-1864

PROJ. NO. SW-418

SCALE 1"=30'

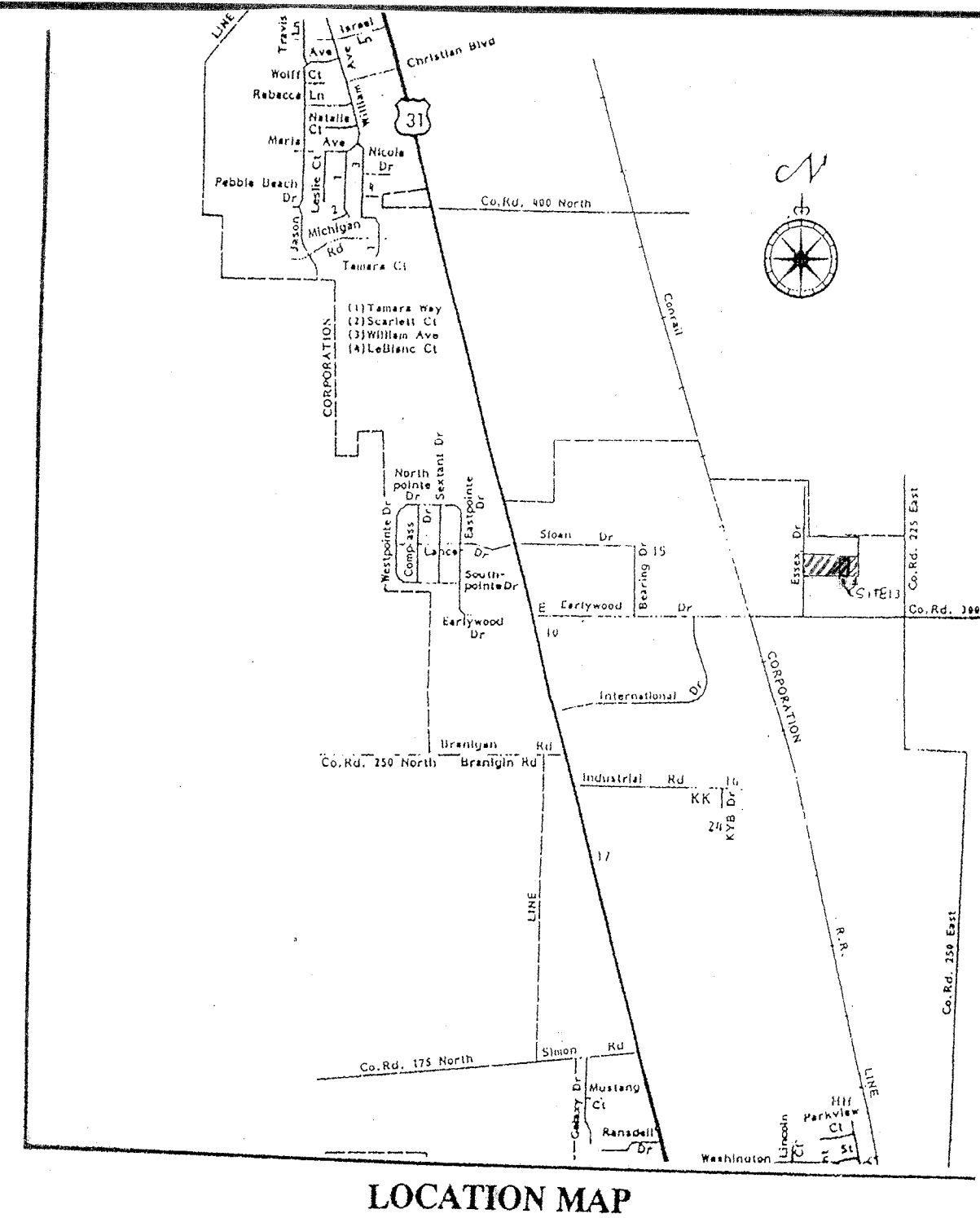
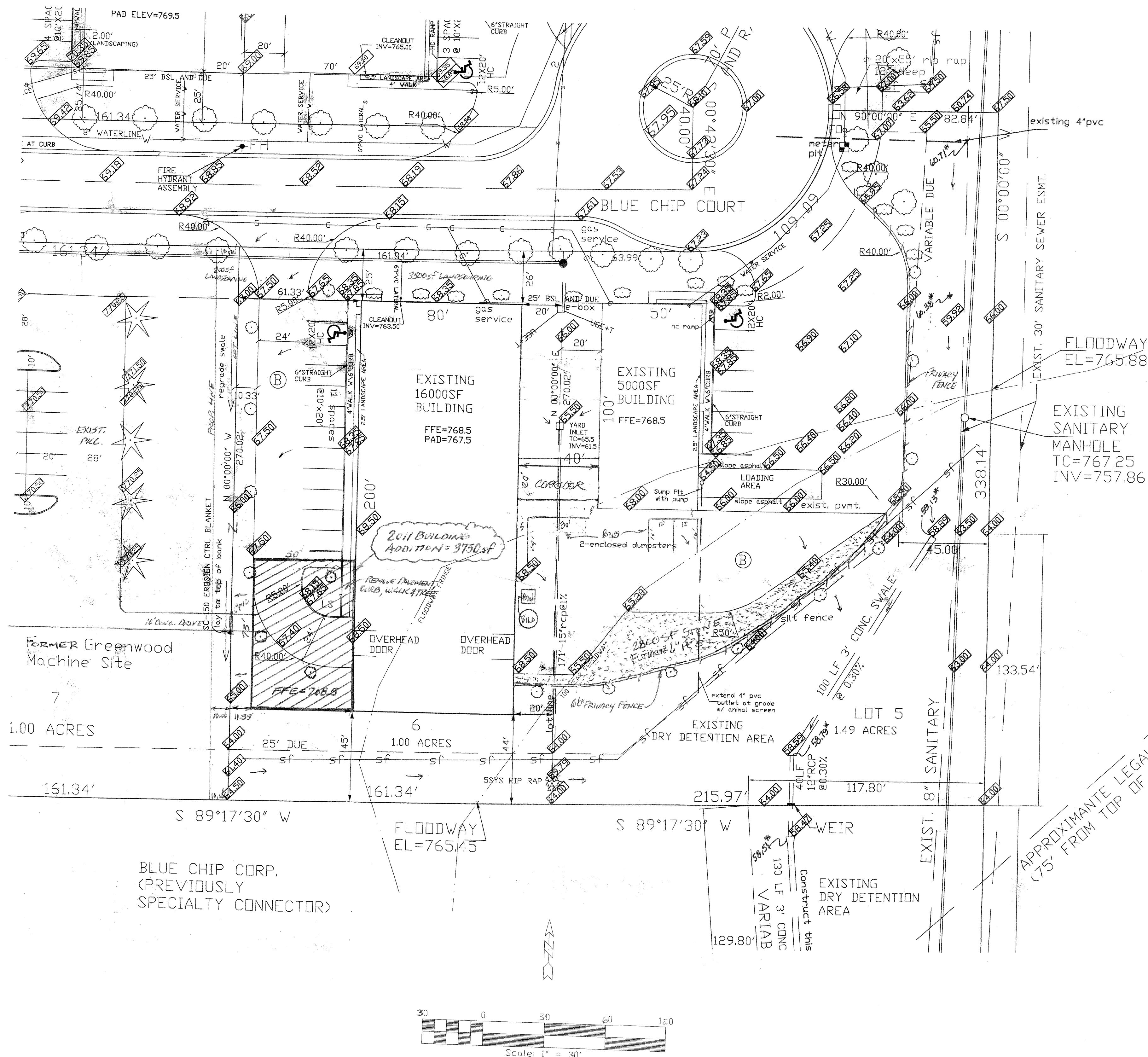
DATE 10-11-11

FILE NO.

SHT 1 OF 3

LEGAL DESCRIPTION

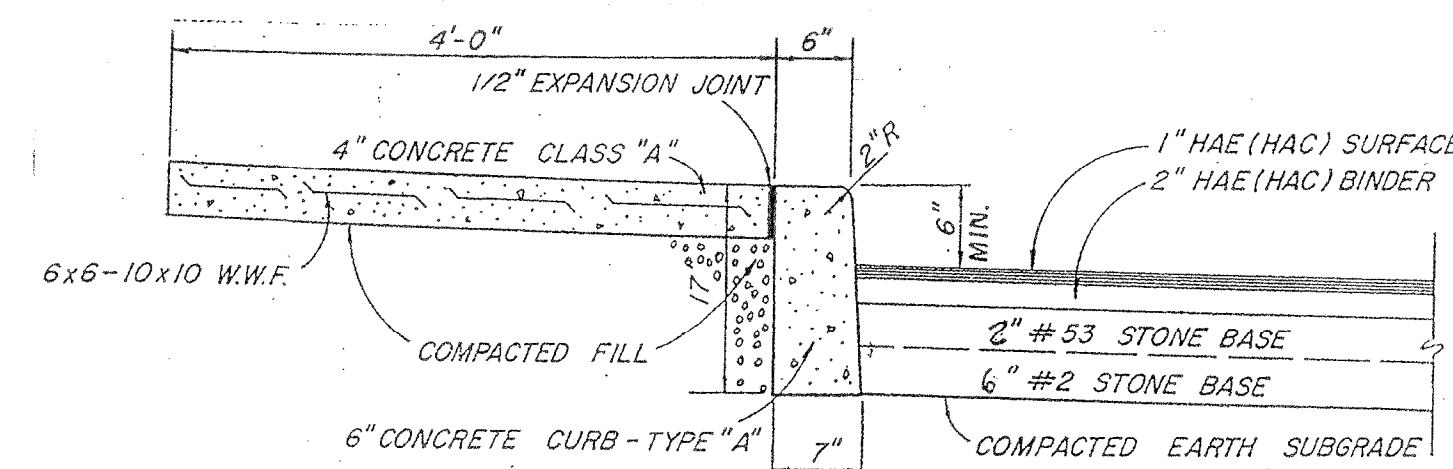
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LOCATION MAP

COMPLIANCE DATA FOR LOT NO. 6 ONLY

LOT AREA=43560SF
IMPERVIOUS AREA=27000SF
LOT COVERAGE=62%
PARKING AND DRIVE AREA=7000SF
LANDSCAPING AREA=3500SF
NO. PARKING SPACES=11
NO. EMPLOYEES=10
NO. NEW EMPLOYEES
NO. COMPANY VEHICLES
NO. RETAIL VISITORS
NO. NEW PAVEMENT CONSTRUCTION



EXIST. 6" CONCRETE CURB TYPE "A" SIDEWALK AND PAVEMENT

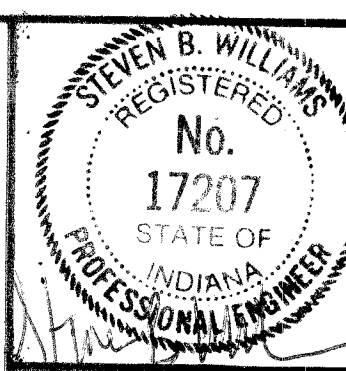
LEGEND

- 770 EXISTING GROUND CONTOUR
- FINISHED GRADE ELEVATION
- RED SUNSET RED MAPLE (QUALIFYING TREE) (2" DIAMETER @ 4.5' FROM GROUND)
- SMALL TREE (1.5" DIAMETER 4.5' FROM GROUND)
- PROPOSED BITUMINOUS PAVEMENT
1"-#12HAC SURFACE COAT
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- Flow Arrow
Handicap Ramp

- NOTES: 1. BENCHMARK: TC EXISTING SANITARY MANHOLE WEST SIDE ESSEX DRIVE, EL=769.29
2. ALL UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED.
3. ALL DISTURBED AREAS TO BE SEEDED AND MULCHED.

CONSTRUCTION NOTES:

- 1) All exterior lighting must utilize 90 degree cut-off fixtures and be no higher than 25 feet.



DESIGNED:
DRAWN:
CHECKED:

PROPOSED SITE PLAN
3750 SF BUILDING ADDITION
INNOVATIVE CASTING TECH.
351 BLUE CHIP COURT

Steven B. Williams
Engineering and Planning
3885 E. 100th St.
Indianapolis, Indiana 46214
Phone: 317-402-7780 Fax: 317-535-1864

REVISIONS

DATE	REVISION

PROJ. NO. SW-418

SCALE 1"=30'

DATE 10-11-11

FILE NO.

SHT 2 OF 3

1. Install parallel to the contour of the land.
2. Extend ends upslope enough to allow water to pond behind the fence.
3. Excavate a trench 8 inches deep and 4 inches wide.
4. Install fence with stakes on the downslope side.
5. Bury 12 inches of fabric in the trench, extending the bottom 4 inches toward the upslope side.
6. Backfill trench with soil material, and compact.
7. Join sill fence sections by overlapping sections and nailing with lath to the nearest post.
8. Inspect twice a week and after each storm event. Repair as needed, and remove sediment deposits when they reach one-half the fence height.

The diagram consists of two parts. The top part, labeled 'Typical layout for silt fence', shows a plan view of a silt fence (a line of small rectangular units) installed across a flow path. A 'Flow line' is indicated by an arrow pointing towards the fence. A 'Flow fence on contour at road grade' is shown as a curved line with a '50' contour marker. 'Extends end of fence up slope to bottom of fence and at top of fence elevation' is noted with arrows pointing to the fence's termination points. Elevation markers '105' and '110' are shown on the upper slope. The bottom part, labeled 'Cross-section of silt fence', shows a vertical view of the fence. It features a 'Post' at the top, a 'Filter fabric fastened to post' on the upstream side, and 'Drapings' on the downstream side. The 'Ground line' is indicated at the base. Arrows show 'Flow' from left to right, and the 'Filter fabric extended' is shown at the bottom.

ENHANCE 14-14-14: <i>Basic Anchoring Methods</i>	
Anchoring method	How to apply
Manually anchoring tool Form disk (d), serrated, or serrated and dished Clearing with shear tracks	Crimp or punch the styrene or base into the soil 2-4 in. Or remove machinery on the contour of the deposit. Operate down soil and down slope, not across, or else the tracks will form rills. Use a 7/32 in. bar with a twisting point (or according to contractor specifications). Do not use in areas of consistent flow.
Wood hydraulic frames	Emplacement against slope should conform to the requirements of ASCE, Section 6777. Apply with relative speed of 1 in. of 0.5 in. per second. Do not use in areas of concentrated flow.
Asphalt cement	Apply according to manufacturer's recommendations.
Synthetic ductile, binder or soil stabilizer with aggregate (polypropylene or similar materials) ^a	Apply over mud and slope with 4-6 in. wide strips. Apply according to manufacturer's recommendations for installation. Test mud to slope application.

^a Based on field testing conducted after applying the mud. In areas of concentrated water flow, 10 to 15 ft per second, the mud will be washed away. In some cases, the mud will be washed away from the slope. In some cases, the mud will be washed away from the slope. In some cases, the mud will be washed away from the slope.

Legend:

- Existing exterior
- Finished exterior
- Sealant
- Sealing
- Gravel concrete
- Gravel concrete
- Gravel concrete

NOTED: 1. Gravel/sealant control practice must be developed and is restricted throughout construction. 2. Gravel/sealant control practice must be developed and is restricted throughout construction.

Sample Erosion/Sealant Control Practice Plan for a Typical One- or Two-Family Dwelling Under Construction

[illegible]

For On Site Washout: Locate Washout Area At Least Fifty (50) Feet From Storm Drains, Gas Outlets or Bodies Of Water; Do Not Allow Runoff From The Area By Constructing A Temporary Containment Dike To Collect And Store Washwater. Wash Out Wastes Into The Designated Area Where The Concrete Can Set And Be Broken Up, And Then Dispose Of Properly.

Procedure For Spills: In The Event Of A Material Spill (Fuel, Oil, Fluids, Lubricants, Etc.), Barricate The Area Allowing No Vehicles To Enter Or Exit The Area. Notify The Indiana Department Of Environmental Management (IDEM), Office Of Emergency Response, Telephone Number: 800-317-2533, Fax Number: 317-253-7746 Or Toll Free: 800-317-7746. Also, The National Response Center, Telephone Number: 800-954-6267. Provide The Following Information: Time Of Observation Of The Spill, Location Of The Spill, Type Of Material Spilled, Amount Spilled, Name Of Person(s) Reporting The Incident. Personnel At Scene And Action Initiated By Personnel. Notify The Local Fire Department And Police Department Immediately. Minimize The Spread Of The Spill. Cleanup Until The Situation Has Stabilized And The Spill Has Been Eliminated.

[illegible]

- Ready-mix concrete without cast in-situ truck.
- RCC system-Burrall gates, where driver wastes on into a barrel and then the barrel is removed from the brailing site.
www.khcmr.com
- Delayed Or Additive-Instrude the set time of the concrete so that no extra waste is needed. The concrete truck on return to the concrete plant without fear of extra concrete hardening.
www.khcmr.com

This table provides several seeding options. Additional seed species and mixtures are available commercially. When selecting a mixture, consider site conditions, including soil properties (e.g., soil pH and drainage), slope aspect and the tolerance of each species to shade and droughtiness.

Open spaces and mixtures	Rare per acre	Oryzopsis spp. pH
DRY OPEN AND DISTURBED AREAS (REMAINING OLE MORE THAN 1 YR.)		
1. Perennial prairie		
* white or yellow clover	1 to 2 lbs.	
2. <i>Knautia virginiana</i>	10 to 15 lbs.	5.5 to 7.5
* smooth bromegrass	10 lbs.	
* yellowdog	5 lbs.	
* timothy	5 lbs.	
* perennial ryegrass	1 to 2 lbs.	
* white or yellow clover	1 to 2 lbs.	
3. Perennial ryegrass	15 to 30 lbs.	5.6 to 7.0
4. <i>Scorpiurus virginicus</i>	10 to 15 lbs.	
5. Tall fescue*	50 to 50 lbs.	
STEEP SLOPES		
* white or yellow clover	1 to 2 lbs.	
DRY OPEN AND DISTURBED AREAS (NOT MOVED)		
1. Smooth bromegrass	25 to 35 lbs.	
2. Tall fescue*	10 to 15 lbs.	
* white or yellow clover	1 to 2 lbs.	
3. Tall fescue*	10 to 15 lbs.	5.5 to 7.5
* red clover	10 to 20 lbs.	
* smooth bromegrass	10 to 20 lbs.	
(Recommenced results of US. ag.)		
4. Orchardgrass	20 to 30 lbs.	
* red clover	10 to 20 lbs.	5.6 to 7.0
* yellowdog	1 to 2 lbs.	
5. Crownvetch*	10 to 12 lbs.	
* tall fescue*	10 to 20 lbs.	5.6 to 7.0
(Recommenced result of US. ag.)		
LAWNS AND HIGH MAINTAINANCE AREAS		
1. Bluestem	40 to 140 lbs.	5.6 to 7.0
2. Perennial ryegrass (cut-type)	45 to 60 lbs.	5.6 to 7.0
3. Smooth bromegrass	75 to 90 lbs.	
4. Tall fescue (cut-type)*	75 to 90 lbs.	
* bluegrass	20 to 30 lbs.	5.6 to 7.5
CHANNELS AND AREAS OF CONCENTRATED FLOW		
1. Perennial ryegrass	100 to 150 lbs.	5.6 to 7.0
* white or yellow clover	1 to 2 lbs.	
2. <i>Knautia virginiana</i>	10 to 15 lbs.	5.5 to 7.5
* smooth bromegrass	10 lbs.	
* yellowdog	5 lbs.	
* timothy	5 lbs.	
* perennial ryegrass	10 lbs.	
* white or yellow clover	1 to 2 lbs.	
3. Tall fescue*	100 to 150 lbs.	5.5 to 7.5
* white or yellow clover	1 to 2 lbs.	
4. Perennial ryegrass	100 to 150 lbs.	
5. <i>Scorpiurus virginicus</i>	15 to 20 lbs.	5.5 to 7.5

CONSTRUCTION PHASE (SPECIFY ACTIVITIES OR EROSION CONTROL PRACTICES)	CONSTRUCTION SCHEDULE CONSIDERATIONS	CONSTRUCTION START DATE (APPROX. DATE)
PRE-CONSTRUCTION ACTIONS (EVALUATION/PROTECTION OF IMPORTANT SITE CHARACTERISTICS)	BEFORE CONSTRUCTION, EVALUATE, MARK, AND PROTECT IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, UNIQUE AREAS (E.G., WETLANDS) TO BE PRESERVED.	WEEK OF _____

[illegible]

TABLE 16—Engineering properties and classification (The symbol < means less than; > means greater than. Abbrev. in entry means data were not obtained)								
Soil name and map symbol	Depth	UTM zone	Classification		Frag- ments > 3 inches	Percentage passing sieve number—	Liquid limit	Plastic index
			Unified	AASHTO				
6	30	49	200					

[illegible]

A. A trained individual shall perform a written evaluation of the project site:

1. By the end of the next business day following each measurable storm event; and

1. The maintenance of existing storm water quality measures to ensure they are functioning properly; and
2. Identify additional measures necessary to remain in compliance with all

1. The name of the individual performing the evaluation;
2. The date of the evaluation;
3. Problems identified at the project site; and

Inspect all stormwater quality measures weekly or after each 0.5" rainfall for repair or maintenance.

All erosion control practices shall be in accordance with the IDNR "Indiana Storm Water Quality Manual, Dated October 2007"

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DESIGNED:
DRAWN:
CHECKED:

EROSION CONTROL AND LANDSCAPING PLAN
3730SE BUILDING ADDITION
INNOVATIVE CASTING TECH.
351 BLUE CHIP COURT

Steven B. Williams
Engineering and Consulting
3325 S. East 700 West
Westland, Indiana 46184
Phone: 317-462-7780 Fax: 317-535-1864

REVISIONS

DATE	REVISION

--	--

PROJ. NO. SW-418

SCALE 1"=30'

DATE 10-11-11

FILE NO.

SHT 3 OF 2

5 of 5

MARRAUGH N19050