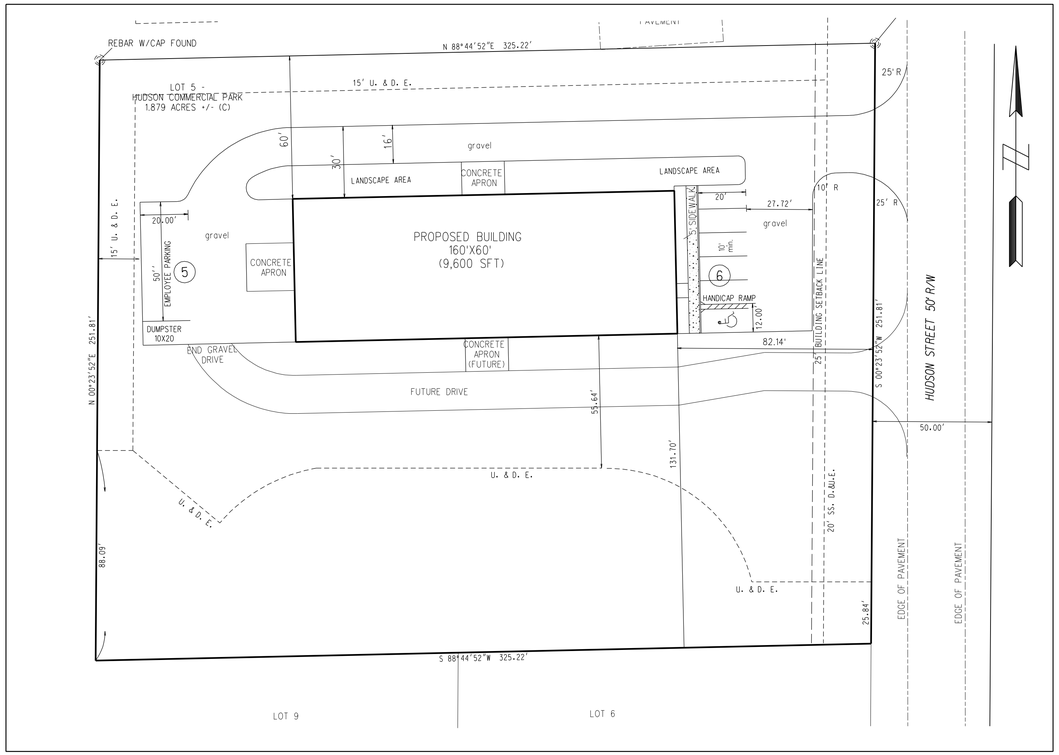
CONSTRUCTION DRAWINGS
COUNTERTOP CONNECTIONS
LOT #5-REPLAT OF HUDSON COMMERCIAL PARK

FRANKLIN INDIANA
PROPERTY ADDRESS: 3042 HUDSON STREET

INDEX

SHEET NO.	DESCRIPTION
C001	TITLE SHEET
C100	EXISTING CONDITIONS PLAN
C200	SITE PLAN
C300-301	DRAINAGE/EROSION CONTROL(SWPP) PLAN & DETAILS
C400	LANDSCAPE PLAN



LEGAL DESCRIPTION

LOT NUMBER 5 IN THE REPLAT OF HUDSON COMMERCIAL PARK, AN ADDITION TO THE CITY OF FRANKLIN, JOHNSON COUNTY, INDIANA AS RECORDED IN PLAT BOOK D, PAGES 78 A & B, IN THE OFFICE OF THE RECORDER OF JOHNSON COUNTY INDIANA

FLOOD HAZARD STATEMENT

THE ACCURACY OF THE FLOOD HAZARD DATA SHOWN ON THIS REPORT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHE UNCERTAINTY IN LOCATION O ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MP. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY RATE MAP OF CITY OF FRANKLIN,INDIANA COMMUNITY PANEL MAP NUMBER 1808161014.3D DATED AUGUST 2, 2007 SUBJECT PROPERTY LIES WITHIN ZONE "X", WHICH IS DEFINED AS "AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.

BENCHMARK DESCRIPTION:

SITE BENCHMARK
TBM#1-REBAR W/CAP AT NORTHEAST
CORNER OF SUBJECT PROPERTY

PREPARED FOR

ROCKY CAUDILL
COUNTERTOP CONNECTIONS
1527 SOUTHEAST STREET
INDIANAPOLIS, IN 46225
PH:(317) 822-9858
FAX: (317) 822-3490
EMAIL:CTCINC1990@SBCGLOBAL.NET

AGENCIES

FRANKLIN CITY PLANNING DEPARTMENT
(317) 736-3631

FRANKLIN CITY ENGINEERING DEPARTMENT
(317) 736-3631

PHONE: CENTURY LINK
1 (800) 366-0201

GAS: VECTREN
1-800-382-5544
1-800-227-1376

ELECTIC: DUKE ENERGY
1-800-521-2232

WATER:INDIANA-AMERCAN WATER

(317) 881-0270

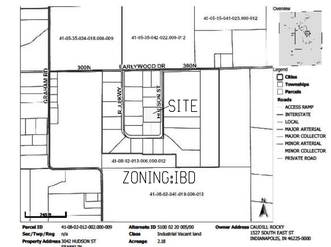
SEWER: CITY OF FRANKLIN
(317) 736-3640

MS4: CITY OF FRANKLIN
(317) 736-3640

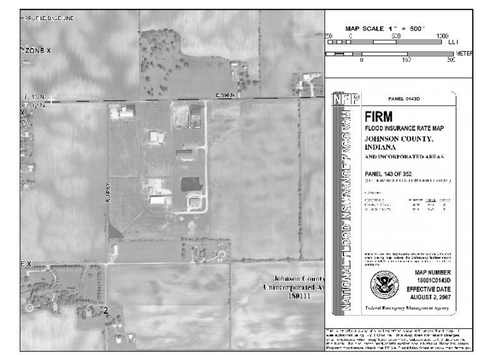
JOHNSON COUNTY SOIL AND WATER CONSERVATION DISTRICT
(317) 346-6102

PROJECT NARRATIVE

COUNTERTOP CONNECTIONS, INC. IS A LAMINATE AND SOLID SURFACE FABRICATOR OF CASEWORK AND COUNTERTOPS WITH FUTURE POSSIBILITY OF EXPANDING INTO STONE AND GRANITE PRODUCTS. COUNTERTOP CONNECTIONS, INC. CURRENTLY HAS 10 EMPLOYEES CONSISTING OF: 3 ADMINISTRATORS, 5 FABRICATORS, AND 2 INSTALLERS. POTENTIAL MAXIMUM NUMBER OF EMPLOYEES WOULD BE 15.



LOCATION MAP



FIRM MAP

COUNTERTOP CONNECTIONS

REVISIONS

DATE	SHEETS

CERTIFIED THIS 14TH DAY OF AUGUST, 2014

RICHARD L. FIDLER
REGISTERED LAND SURVEYOR

RICHARD L. FIDLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

"DON'T DIG BLIND"

1-800-382-5544
CALL BEFORE YOU DIG

PREPARED BY:

CROSS COUNTY CONSULTING, LLC

RESIDENTIAL - COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES

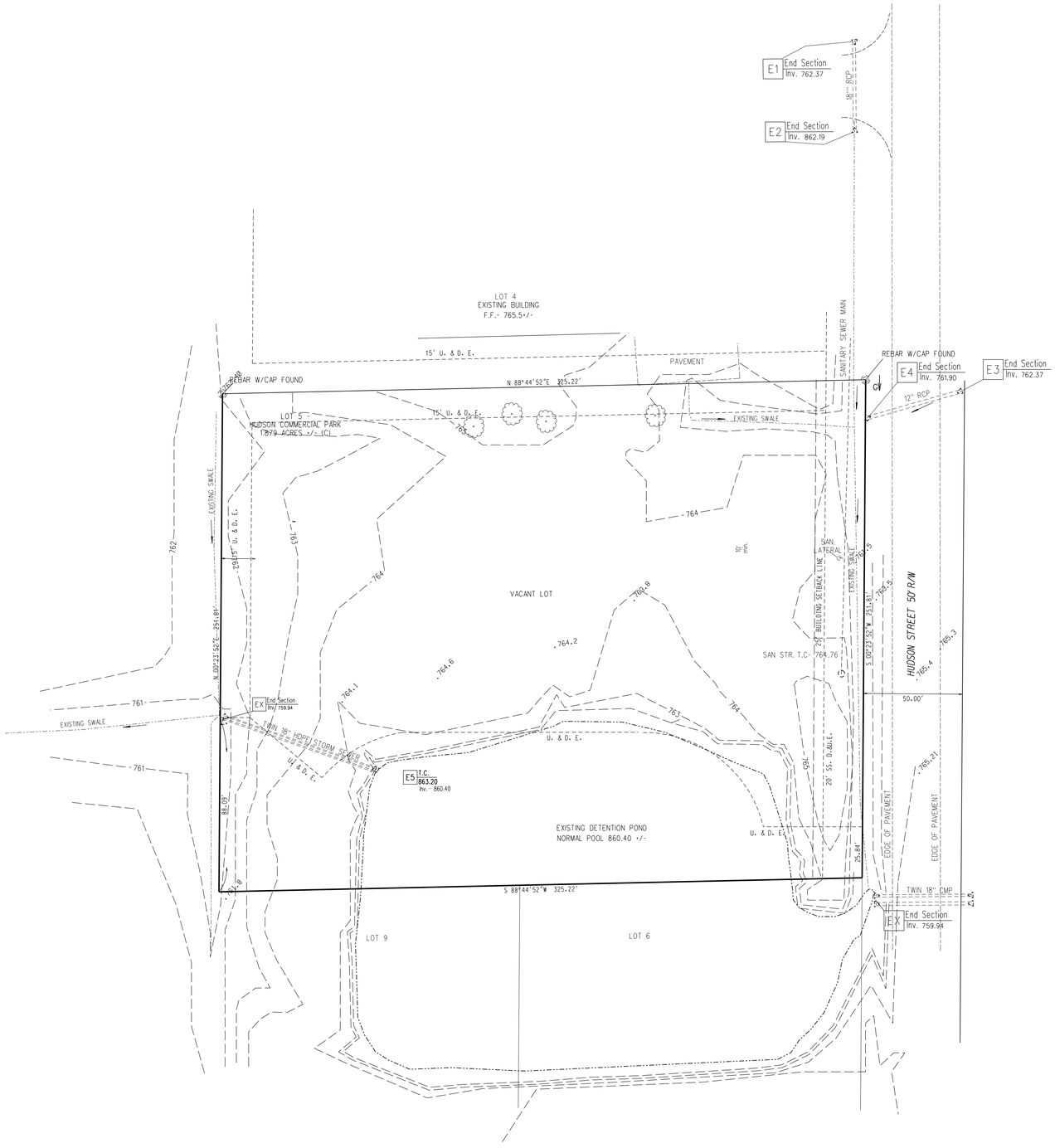
5921 CADILLAC DRIVE INDPLS, INDIANA 46224
TELEPHONE: (317) 563-2210 FAX: (317) 487-7730
EMAIL: CROSSCOUNTY@ATT.NET

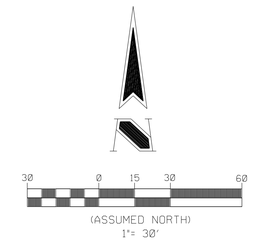
CROSS COUNTY CONSULTING, LLC

RESIDENTIAL · COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES

5921 CADILLAC DRIVE — INDPLS, INDIANA 46224
TELEPHONE (317) 563-2210 — FACSIMILE (317) 487-7730

EMAIL: CROSSCOUNTY@ATT.NET





LEGEND

- Sign
- Mailbox
- Telephone Pedestal
- Combination Telephone & Electric Pole
- Electric Pole
- GV Gas Valve
- GM Gas Meter
- Gas Line Marker
- FH Fire Hydrant
- WV Water Valve
- WM Water Meter
- Telephone Pole
- O.H. Overhead Electric
- W Water Line
- G Gas Line
- T Underground Telephone Cable
- 700 EXISTING CONTOUR LINE
- EXISTING END SECTION

LEGAL DESCRIPTION

LOT NUMBER 5 IN THE REPLAT OF HUDSON COMMERCIAL PARK, AN ADDITION TO THE CITY OF FRANKLIN, JOHNSON COUNTY, INDIANA AS RECORDED IN PLAT BOOK D, PAGES 78 A & B, IN THE OFFICE OF THE RECORDER OF JOHNSON COUNTY INDIANA

FLOOD HAZARD STATEMENT

THE ACCURACY OF THE FLOOD HAZARD DATA SHOWN ON THIS REPORT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHE UNCERTAINTY IN LOCATION O ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MP. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY RATE MAP OF CITY OF FRANKLIN,INDIANA COMMUNITY PANEL MAP NUMBER 1808160143D DATED AUGUST 2, 2007 SUBJECT PROPERTY LIES WITHIN ZONE "X", WHICH IS DEFINED AS "AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.

BENCHMARK DESCRIPTION:

SITE BENCHMARK
TBM#1-REBAR W/CAP AT NORTHEAST
CORNER OF SUBJECT PROPERTY

"DON'T DIG BLIND"
811
CALL BEFORE YOU DIG

RICHARD L. FIDLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

CERTIFIED BY:	REVISIONS	CONCEPT CHK:	DRAWN BY: G.S.W.	SCALE: 1" - 30'	DATE: AUGUST 14,2014	CLIENT: ROCKY CAUDILL-COUNTERTOP CONNECTIONS	DGN COUNTERTOP CONNECTIONS	SHEET: C100
DATE 8/14/14		ENG CHK: R.L.F.	DRFTNG. CHK: G.S.W.	HUDSON COMMERCIAL PARK LOT 5 EXISTING CONDITIONS			JOB NUMBER C14.47	

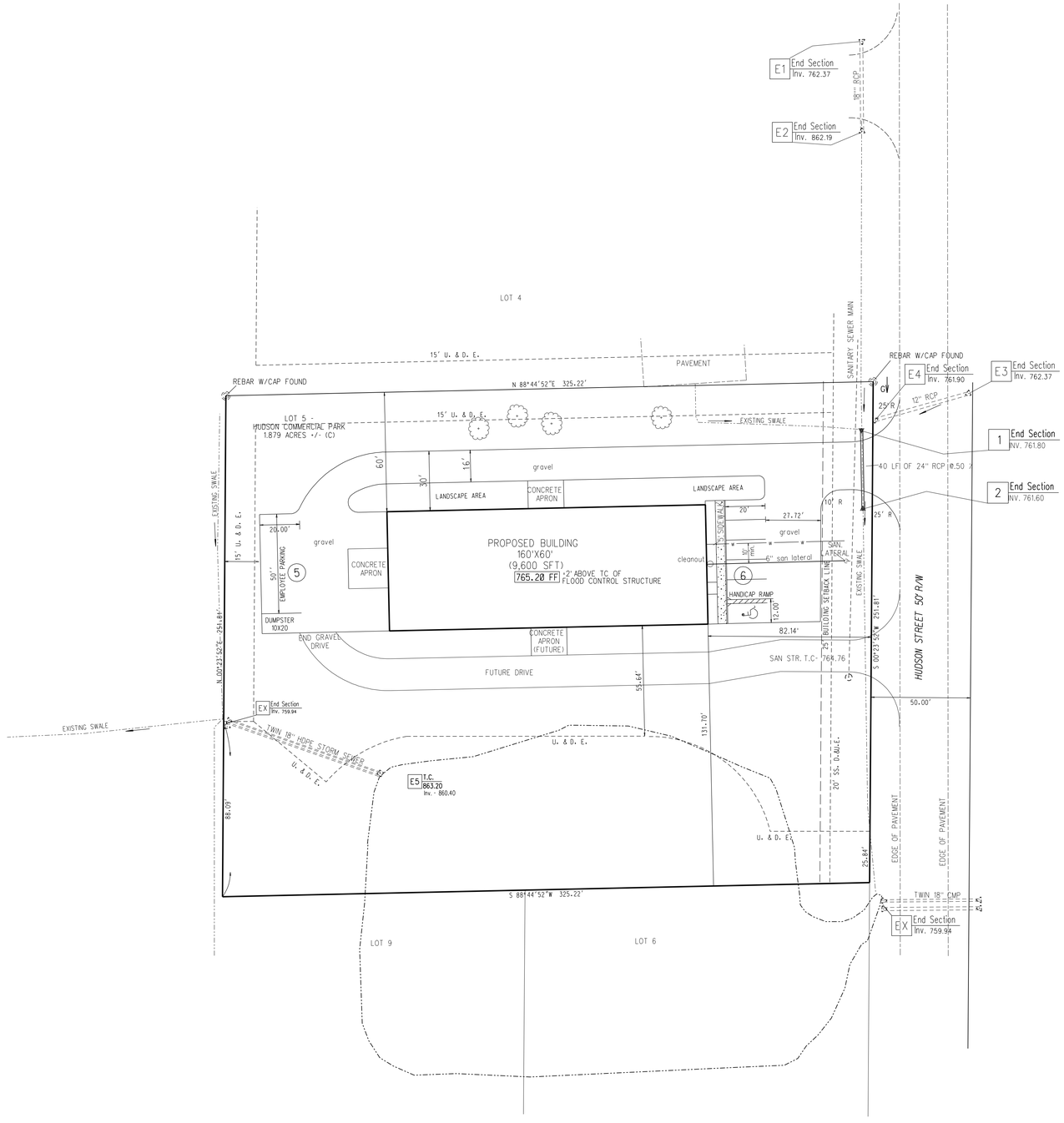
C:\dgn\2014\franklin\sheet.dgn 8/13/2014 6:03:08 PM

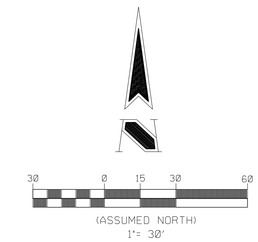
CROSS COUNTY CONSULTING, LLC

RESIDENTIAL - COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES

5921 CADILLAC DRIVE — INDPLS, INDIANA 46224
TELEPHONE (317) 563-2210 — FACSIMILE (317) 487-7730

EMAIL: CROSSCOUNTY@ATT.NET





NOTES:

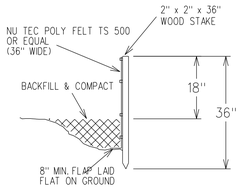
1. SEE ARCHITECTURAL PLANS FOR BUILDING DETAILS.
2. ♿ INDICATES HANDICAPPED PARKING. (12'X 20' TYP.)
3. ◯ INDICATES NUMBER OF PARKING SPACES. (10'X 20' TYP.)
4. TOTAL NUMBERS OF PARKING SPACES PROVIDED IS 12

"DON'T DIG BLIND"
811
CALL BEFORE YOU DIG

RICHARD L. FULLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

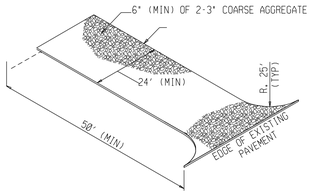
CERTIFIED BY: DATE 8/14/14	REVISIONS	CONCEPT CHK:	DRAWN BY: G.S.W.	SCALE: 1" - 30'	DATE: AUGUST 14,2014	CLIENT: ROCKY CAUDILL-COUNTERTOP CONNECTIONS	DGN COUNTERTOP CONNECTIONS	SHEET: C200
		ENG CHK: R.L.F.	DRFTNG. CHK: G.S.W.	HUDSON COMMERCIAL PARK LOT 5 SITE PLAN			JOB NUMBER C14.47	

C:\dgn\2014\franklin\sheet.dgn 8/13/2014 6:21:26 PM

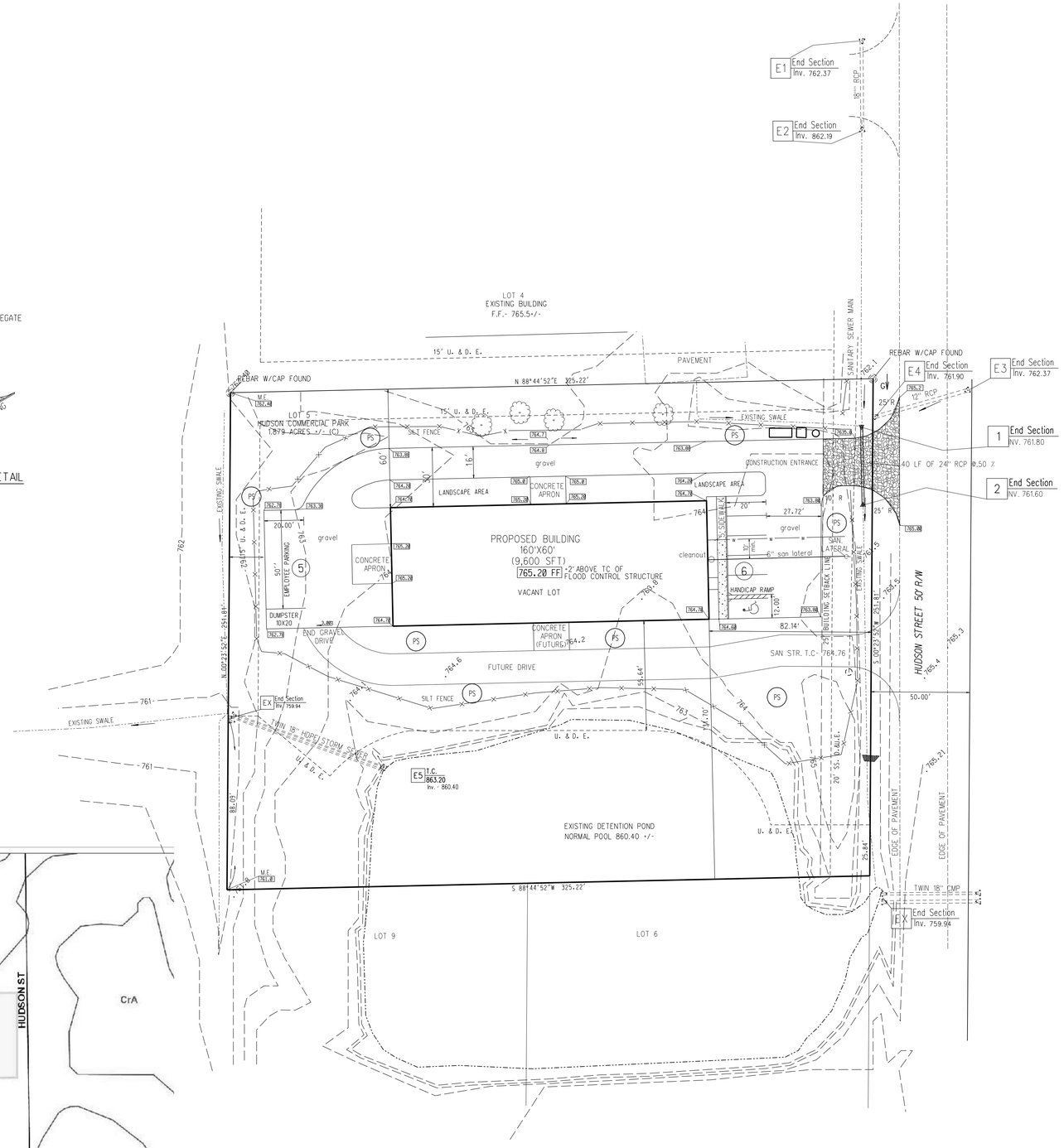


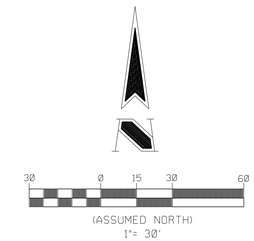
NOTE: SILT FENCE TO BE INSTALLED PRIOR TO CONSTRUCTION IF REQUIRED BY COUNTY.

SILT FENCE INSTALLATION DETAIL



TEMPORARY CONSTRUCTION ENTRANCE DETAIL





LEGEND

- SILT FENCE
- ROCK CHECK DAM
- STONE ENTRANCE
- PERMANENT SEEDING (PS)
- DUMPSTER/CONSTRUCTION
- PORT-O-LET
- POSTING SIGN LOCATION

THE FOLLOWING IS A LIST IN SEQUENCE OF CONSTRUCTION ACTIVITES TO CONTROL SOIL EROSION:

1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF FRANKLIN AND JOHNSON COUNTY SOIL AND WATER CONSERVATION DISTRICT PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR AND/OR DEVELOPER SHALL NOTIFY IDEM AND THE CITY OF FRANKLIN 48 HOURS PRIOR TO START OF CONSTRUCTION.

2. FOLLOWING THE REQUIRED PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL CONSTRUCT THE "POSTING INFORMATION CENTER" ON THEINORTH SIDE OF CONSTRUCTION ENTRANCE. THE LOCATION OF THE POSTING INFORMATION IS SHOWN ON SHEET C300.

3. PRIOR TO ANY EARTH MOVING, THE CONTRACTOR SHALL INSTALL ALL SILT FENCES AS SHOWN ON SHEET C300 AND THE DETAILS AND SPECIFICATIONS FOR SILT FENCE INSTALLATION ARE LOCATED ON SHEET C300.

4. WHEN THE "EXISTING" SITE/CONSTRUCTION LIMITS ARE COMPLETELY STABILIZED, THE CONTRACTOR SHALL START STRIPPING THE EXISTING TOP SOIL AND STOCKPILING IT IN THE PROPOSED TEMPORARY STOCKPILE LOCATION AS SHOWN ON SHEET C300. THE STOCKPILE SHALL BE IMMEDIATELY PROTECTED WITH A PERIMETER SILT FENCE AND STABILIZED WITH A TEMPORARY SEED MIXTURE. PLEASE SEE SHEET C304 FOR THE TEMPORARY SEED MIXTURE AND RATE.

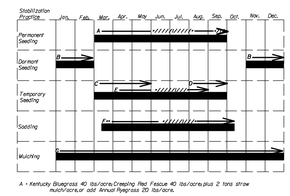
5. CONTRACTOR SHALL CONSTRUCT ROCK CHECK DAMS AS SHOWN ON SHEET C300 DETAILS AND SPECIFICATIONS FOR ROCK CHECK DAMS ARE SHOWN ON SHEET C300.

6. CONTRACTOR SHALL INSTALL PROPOSED STORM SEWER, ALL INLETS AND CONCERTRATED FLOW AREAS SHALL BE PROTECTED IMMEDIATELY FOLLOWING THEIR INSTALLATION BY MEANS OF SEED AND MULCH FOR THE SWALES RIP-RAP FOR THE END SECTIONS AND DROP INLET PROTECTION BASKETS FOR THE INLETS.

7. CONTRACTOR SHALL PROCEED TO GRADE THE REMAINDER OF THE SITE.

8. THE POST-CONSTRUCTION EROSION CONTROL PRACTICES THEN BECOME THE RESPONSIBILITY OF THE DEVELOPER FOR THIS PROJECT.

9. THE DEVELOPER OF THIS PROJECT SHALL CONTINUE TO MONITOR THIS SITE FOR GOOD HOUSEKEEPING ON THE POST-CONSTRUCTION UNTIL A "NOTICE OF TERMINATION" (NOT) IS FILED WITH IDEM.



A - Kentucky Bluegrass 40 lbs/acre,Creeping Red Fescue 40 lbs/acre,plus 2 tons straw mulch/acre,or add Annual Ryegrass 20 lbs/acre.

B - Kentucky Bluegrass 60 lbs/acre,Creeping Red Fescue 60 lbs/acre,plus 2 tons straw mulch/acre,or add Annual Ryegrass 30 lbs/acre.

C - Spring Oats 3 bushel/acre.

D - Wheat or Rye 2 bushel/acre.

E - Annual Ryegrass 40 lbs/acre,(1 lb/1000 sq.ft.)

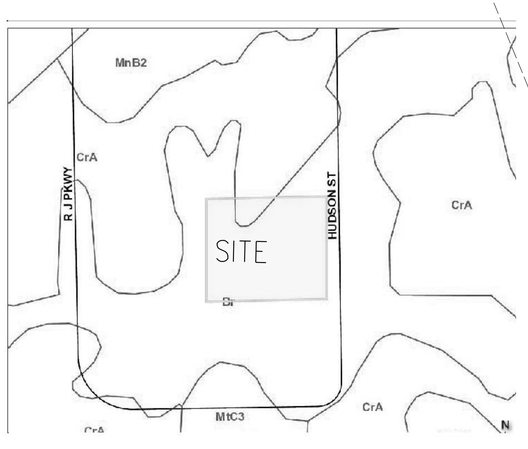
F - Sod

G - Straw Mulch 2 tons/acre.

* /+/- Irrigation needed during June,July,and/or September.

** Irrigation needed for 2 to 3 weeks after applying sod.

SEEDING CHART



SOILS MAP

RICHARD L. FIDLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

THIS SHEET TO BE USED FOR EROSION CONTROL ONLY

"DON'T DIG BLIND"
811
CALL BEFORE YOU DIG

CROSS COUNTY CONSULTING, LLC
RESIDENTIAL · COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES
5921 CADILLAC DRIVE INDPLS, INDIANA 46224
TELEPHONE (317) 563-2210 FACSIMILE (317) 487-7730
EMAIL: CROSSCOUNTY@ATT.NET

CERTIFIED BY:	REVISIONS	CONCEPT CHK:	DRAWN BY: G.S.W.	SCALE: 1" - 30'	DATE: AUGUST 14,2014	CLIENT: ROCKY CAUDILL-COUNTERTOP CONNECTIONS	DGN COUNTERTOP CONNECTIONS	SHEET: C300
DATE 8/14/14		ENG CHK: R.L.F.	DRFTNG. CHK: G.S.W.	HUDSON COMMERCIAL PARK LOT 5 DRAINAGE/EROSION CONTROL-SWPP PLAN			JOB NUMBER C14.47	

C:\dgn\2014\franklin\sheet.dgn 8/14/2014 10:05:43 AM

CROSS COUNTY CONSULTING, LLC
RESIDENTIAL - COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES
5921 CADILLAC DRIVE INDPLS, INDIANA 46224
TELEPHONE (317) 563-2210 FACSIMILE (317) 487-7730
EMAIL: CROSSCOUNTY@ATT.NET

LOT 5 HUDSON PARK - COUNTERTOP CONNECTIONS

SITE NAME
THE AREA SCHEDULED FOR CONSTRUCTION IS KNOWN AS "LOT 5 HUDSON PARK (HEREINAFTER REFERRED AS THE PROJECT),

PROJECT LOCATION
THIS PROPERTY IS LOCATED IN THE NE1/4SEC. 2, TWP. 12 N, R. 4E COSISTS OF 1.879 +/- ACRES.

OWNERS' INFORMATION
NAME:ROCKY CAUDILL
ADDRESS: 1527 SOUTHEAST STREET
INDIANAPOLIS, IN 46225
TELEPHONE: (317) 822-9858

OPERATOR'S INFORMATION
NAME ROCKY CAUDILL
ADRESS:1527 SOUTHEAST STREET
INDIANAPOLIS, IN 46225
TELEPHONE (317) 822-9858

NOTICE OF INTENT
ALL PARTIES DEFINED AS OWNERS OR OPERATORS MUST SUBMIT A NOTICE OF INTENT (NOI) AT LEAST 48HOURS PRIOR TO COMMENCEMENT OF ON-SITE CONSTRUCTION ACTIVITIES. SUBMITTAL OF LATE NOI'S IS NOT PROHIBITED; HOWEVER, AUTHORIZATION UNDER CONSTRUCTION GENERAL PERMIT IS ONLY FOR DISCHARGES THAT OCCUR AFTER PERMIT COVERAGE IS GRANTED. UNPERMITTED DISCHARGES MAY BE SUBJECT TO ENFORCEMENT ACTIONS BY THE EPA. FOR THE PURPOSES OF THIS PERMIT, AN OPERATOR IS DEFINED AS ANY PARTY MEETING EITHER OF THE FOLLOWING REQUIREMENTS

A.) THE PARTY HAS OPERATED CONTROL OVER CONSTRUCTION PLANS AND SPFECIFICATIONS, INCLUDING THE ABILITY TO MAKE MODIFICATIONS TO THOSE PLANS AND SPECIFICATIONS.

B.)THE PARTY HAS DAY-TO-DAY OPERATIONAL CONTROL OF THOSE ACTIVITIES AT A PROJECT THAT ARENECESSARY TO ENSURE COMPLIANCE WITH A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE OR OTHE PERMIT CONDITIONS.

A2.- 11"X17" PLAT
IS INCLUDED IN SUBMITTALL

A3- PROJECT NARRATIVE.
THE PROJECT INCLUDES THE CONSTRUCTION OF A 60X160' STRUCTURE WITH PARKING/ DRIVE ON LOT 5 IN THE REPLAT OF HUDSON COMMERCIAL PARK. TOTAL DISTURBED AREA IS ESTIMATED AT.85 ACRES +/- WHICH INCLUDE CONSTRUCTION OF THE FUTURE DRIVE.

A4- VICINITY MAP
A COPY OF THE VICINITY MAP IS SHOWN ON THE TITLE SHEET.

A5 - LEGAL DESCRIPTION OF THE PROJECT SITE
THE LEGAL DESCRIPTION IS LOCATED ON THE TITLE SHEET.
LATITUDE 39° 518 N LONGITUDE 86.054 W

A6 - LOCATION OF ALL LOTS AND PROPOSED SITE IMPROVEMENTS
SEE SHEET C200 FOR SITE IMPROVEMENTS

A7- HYDROLOGIC UNIT CODE (HUC)
05120204090

A-8 STATE AND FEDERAL WATER QUALITY PERMITS
NONE ANTICIPATED

A-9 SPECIFIC POINTS WHERE STORMWATER DISCHARGE WILL LEAVE THE SITE
THE SITE DRAINS TO ANEXISTING POND AND VEGETATED SWALES

A-10 LOCATION AND NAME OF ALL WETLANDS, LAKES AND WATERCOURSES ON AND ADJACENT TO THE SITE
THERE ARE NO WETLANDS ON THE SITE. SEE SHEET C200 FOR LAKE LOCATIONS

A11 IDENTIFICATION OF ALL RECEIVING WATERS
EXISTING SWALES/ CANARY CREEK

A12 IDENTIFICATION OF ALL POTENTIAL DISCHARGES TO GROUNDWATER.
EXISTING LAKES SEE SHEET C200 FOR LOCATION

A13 100 YR FLOODPLAINS, FLOODWAYS, AND FLODWAY FRINGES
THE SITE DOES NOT LIE WITHIN ANY FLOODPLAINS, FLOODWAYS, OR FLOODWAY FRINGE. THE INFORMATION WAS OBTAINED FROM THE FLOOD INSURANCE RATE MAP PANEL 18087C0105E FOR CITY OF FRANKLIN, JOHNSON COUNTY INDIANA

A14 PRE-CONSTRUCTION AND POST CONSTRUCTION ESTIMATE DISCHARGE
PRE-DEVELOPED 10YR-DISCHARGE N/A 100 YR DISCHARGE: NA

A15 ADJACENT LAND USE
SITE IS ZONED IBD
NORTH- IBD
EAST-IBD
SOUTH- IBD
WEST IBD

A-16- LOCATION AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS
SEE SHEETS C300-C302 FOR CONSTRUCTION LIMITS.

A17 - IDENTIFICATION OF EXISTING VEGETATIVE COVER
THE SITE IS MAINLY WOODED WITH AREAS OF GRASS/ WEEDS

A18 - SOILS MAP INCLUDING DESCRIPTIONS AND LIMITATIONS
SOIL INFFORMATION FROM THE JOHNSON COUNTY SOIL SURVEY IS SHOWN ON SHEET C300

A19 - LOCATIONS, SIZE, AND DIMENSIONS OF PROPOSED STORMWATER SYSTEMS.
LOCATIONS OF STORMWATER SYSTEMS. SHETS C200,

A20- PLANS FOR ANY OFF-SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT
NONE

A21 LOCATION OF PROPOSED SOIL STOCKPILES AND OR/BORROW/DISPOSAL AREAS
NONE

A22- EXISTING SITE TOPOGRAPHY
SEE SHEET C100

A23 PROPOSED FINAL SITE TOPOGRAPHY
REFER TO SHEET C200

B1- DESCRIPTION OF POTENTIAL POLLUTANT SOURCES ASSOCIATED WITH CONSTRUCTION ACTIVITIES
THE FOLLOWING POLLUTANT SOURCES MAY BE ASSOCIATED WITH CONSTRUCTION ACTIVITIES ON SITE:

1. MATERIAL STORAGE AREAS(MORE SPECIFICALLY DESCRIBED BELOW).
2. CONSTRUCTION WASTE MATERIAL.
3. FUEL STORAGE AREAS AND FUELING STATIONS.
4. EXPOSED SOILS.
5. LEAKING VEHICLES AND EQUIPMENT.
6. SANITARY WASTE FROM TEMPORARY TOILET FACILITIES.
7. LITTER
8. WINDBLOWN DUST.
9. SOIL TRACKING OFF SITE FROM CONSTRUCTION EQUIPMENT.

THE FOLLOWING CONSTRUCTION MATERIALS WILL BE STAGED OR STORED AT VARIOUS POINTS DURING DEVELOPMENT OF THE SITE.

1. STRUCTURE FILL
2. ROAD BASE.
3. CONCRETE DRAINAGE PIPE
4. CONCRETE CULVERTS.

B2- SEQUENCE DESCRIBING STORMWATER QUALITY IMPLEMENTATION RELATIVE TO LAND-DISTURBING ACTIVITIES.

1. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE JOHNSON COUNTY SOIL AND WATER CONSERVATION DISTRICT PRIOR TO ANY CONSTRUCTIONG ON THE SITE TO BE STARTED. THE CONTRACTOR AND/OR DEVELOPER SHALL NOTIFY JOHNSON COUNTY SOIL AND WATER CONSERVATION 48 HOURS PRIOR TO START OF CONSTRUCTION.

2. FOLLOWING THE REQUIRED PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL CONSTRUCT THE "POSTING INFORMATION CENTER" ON THE NORTH SIDEOF THE CONSTRUCTION ENTRANCE. THE LOCATION OF THE POSTING INFORMATION IS SHOWN ON SHEET C300. THE POSTING INFORMATION CENTER IS THE LOCATION WHERE A COPY OF THE APPROVED SWPP PLAN, SIGNED O&M MANUAL AND MAINTENANCE LOGS ARE TO BE LOCATED. THE CONTRACTOR SHALL PROCEED TO CONSTRUCT THE CONSTRUCTION ENTRANCE AFTER ALL POSTING REQUIREMENTS HAVE BEEN MET.

3.IMMEDIATELY FOLLOWING THE INSTALLATION OF THE CONSTRUCTION ENTRANCE, THE CONTRACTOR SHALL CONSTRUCT THE MAINTENANCE AND REFUELING AREA. PLEASE REFER TO THE NAINTENANCE AND REFUELING AREA DETAIL ON SHEET C300.

4. AFTER THE MAINTENANCE AND REFUELING AREA IS CONSTRUCTED, THE CONTRACTOR SHALL CONSTRUCT THE CONCRETE WASHOUT AREA PER THE SPECIFICATIONS. (N/A).

5. PRIOR TO ANY EARTH MOVING, THE CONTRACTOR SHALL INSTALL ALL SILT FENCES AS SHOWN ON SHEET C300 THE DETAILS AND SPECIFICATIONS FOR SILT FENCE INSTALLATION ARE LOCATED ON SHEET C300.

6. THE CONTRACTOR SHALL PROTECT ALL EXISTING INLETS WITH DROP INLET PROTECTION BASKETS AND FIBER MATS AS SHOWN ON ON SHEET C300. THE DETAILS AND SPECIFICATIONS FOR THE DROP INLET N/A

7.WHEN THE "EXISTING" SITE/CONSTRUCTION LIMITS ARE COMPLETELY STABILIZED. THE CONTRACTOR SHALL START STRIPPING THE EXISTING TOP SOIL AND STOCKPILING IT IN THE PROPOSED TEMPORARY STOCKPILE LOCATION AS SHOWN ON SHEET C300. THE STOCKPILE SHALL BE IMMEDIATELY PROTECTED WITH A PERIMETER SILT FENCE AND STABILIZED WITH A TEMPORARY SEED MIXTURE. PLEASE SEE SHEET C300 FOR THE TEMPORARY SEED MIXTURE AND RATE.

8. CONTRACTOR SHALL CONSTRUCT DIVERSION SWALES WITH ROCK CHECK DAMS AS SHOWN ON SHEET C300 DETAILS AND SPECIFICATIONS FOR ROCK CHECK DAMS ARE SHOWN ON SHEET C300.

9. CONTRACTOR SHALL INSTALL PROPOSED STORM SEWER. ALL INLETS AND CONCETRATED FLOW AREAS SHALL BEPROTECTED IMMIDIATELY FOLLOWING THEIR INSTALLATION BY NEANS OF SEED AND MULCH FOR THE SWALES RIP-RAP FOR THE END SECTIONS AND DROP INLET PROTECTION BASKETS FOR THE INLETS.

10. CONTRACTOR SHAL CUT PROPOSED SWALES. SWALES SHALL BE SEEDED AND MULCHED IMMEDIATELY UPON COMPLETION.

11. CONTRACTOR SHALL PROCEED TO GRADE THE REMAINDER OF THE SITE.

12. CONTRACTOR SHALL EXCAVATE AROUND THE TWO EXISTING MANHOLES AND EXPOSE THE PROPOSED CONNECTION POINTS FOR THE GRAVITY SANITARY SEWER. FOR THIS PROJECT. THE CONTACTOR IS TO KEEP ALL DISTURBANCES TO THE SURROUNDING AREA TO A MINIMUM. DIRT, MUD AND DEBRIS SHALL BE CLEANED UP AND REMOVED FROM THE STREETS DAILY PRIOR TO THE CONTRACTOR LEAVING THE SITE.

13. THE CONTRACTOR SHALL CONTINUE CONSTRUCTIONG THE PROPOSED SANITARY SEWER. THE TRENCH AREA SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING INSTALLATION OF THE SEWER.

14. THE PROPOSED ONSITE ONSITE STORM AND SANITARY SEWER SHALL BE INSTALLED CONCURRENTLY WITH EACH OTHER WHEN CROSSINGS ARE ENCOUNTERED.

15. THE CONTRACTOR SHALL PREPARE THE SUB-GRADE FOR THE PROPOSED ROAD SYSTEM. IF LIME STABILIZATION IS THE METHOD CHOSEN, DUST SHALL BE KEPT TO A MINIMUM. DUST SHALL BE REMOVED FROM THE CONSTRUCTION VEHICLES PRIOR TO LEAVING THE SITE.

16. CONTRACTOR SHALL INSTALL ALL CONCRETE ROLL CURB.

17.CONTRACTOR SHALL INSTALL WATERMAIN. THE TRENCH AREA SHALL BE SEEDED AND MULCHED IMMIDIATELY FOLLOWING THE INSTALLATION OF THE WATERMAIN.

18. CONTRACTOR SHALL HAVE ALL OTHER APPROPRIATE UTILITIES INSTALLED. IT IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE TRENCH AREA IS SEEDED AND MULCHED IMMEDIATELY FOLLOWING THE INSTALLATION OF EACH UTILITY.

19. CONTRACTOR SHALL INSTALL ALL ASPHALT PAVEMENT.

20. THE CONTRACTOR SHALL INSTALL THE PROPOSED EROSION CONTROL BLANKET IN ALL SWALES AND LAKE BANKS AS SHOWN ON SHEET C302. THE DETAILS AND SPECIFICATIONS FOR THE EROSION CONTROL BLANKET CAN BE FOUND ON SHEET C304.

21. THE CONTRACTOR SHALL PERMANENT SEED ALL AREAS BETWEEN THE BACK OF CURB AND THE CONSTRUCTED PADS AND ALL OTHER AREAS ILLUSTRATED ON SHEET C302. THE SEEDING MIXTURES AND RATE CAN BE FOUND ON SHEET C 304.

22. THE CONTRACTOR SHALL SCHEDULE AN ONSITE INSPECTION WITH THE LAWRENCE TOWNSHIP SOIL AND WATER DISTRICT TO INSURE THE SITE IS STABILIZED. AFTER THE INSPECTOR APPROVES THE SITE CONDITIONS THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL PRACTICES.

23. THE POST-CONSTRUCTION EROSION CONTROL PRACTICES THEN BECOME THE RESPONSIBILITY OF THE DEVELOPER FOR THIS PROJECT.

24. THE DEVELOPER OF THIS PROJECT SHALL CONTINUE TO MONITOR THIS SITE FOR GOOD HOUSEKEEPING ON THE POST-CONSTRUCTION UNTIL A "NOTICE OF TERMINATION" (NOT) IS FILED WITH IDEM

B3- STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS.
CONSTRUCTION ENTRANCE WILL BE IN PLACE PRIOR TO THIS PHASE OF CONSTRUCTION. ENTRANCE IS SHOWN FOR REFERENCE ON SHEET C300. SEE SHEET C304 FOR SPECIFICATIONS.

B4- SEDIMENT CONTROLMEASURES FOR SHEET FLOW AREAS.
SHEET FLOW AREAS WILL BE PROTECTED BY SEED AND MULCH OR HYDROSEEDING. EROSION CONTROL BLANKETS WILL BE INSTALLED ON SLOPED AREAS WHERE THE SLOPE EXCEEDS 6:1 (HORIZONTAL TO VERTICAL). SILT FENCING WILL BE UTILIZED TO MINIMIZE RUNOFF FROM CONSTRUCTION AREAS AS IDENTIFIED ON SHEETS C300-C302 REFER TO SHEET C304 FOR DETAILS

B5- SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS
EROSION CONTROL BLANKETS/ROCK CHECK DAMS WILL BE USED IN SWALES

B6- STORM SEWER INLET PROTECTION MEASURE LOCATIONS AND SPECIFICATIONS
THE CONTRACTOR HAS THE OPTION TO USE ONE OF SEVERAL STORM SEWER INLET PROTECTION METHODS, DEPENDING ON THE INLET LOCATION AND THE STAGE OF CONSTRUCTION. REFER TO SHEETS C300-C302 FOR LOCATIONS AND REFER TO SHEET C304 FOR DETAILS. MANUFACTURED PRODUCTS SUCH AS THE CATCH-ALL PRODUCTS MAY ALSO BE USED AT THE CONTRACTOR'S DISCRETION. MANUFACTURED PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. STRAW BALES WILL NOT BE ALLOWED AS INLET PROTECTION MEASURES. COCONUT FIBER MATS ARE RECOMMENDED.

B7- RUNOFF CONTROL MEASURES
THE SILT FENCING WILL BE UTILIZED TO SLOW RUNOFF AND MINIMIZE SEDIMENT DISCHARGE. REFER TO SHEETS C300-C302 FOR LOCATIONS AND C304 FOR DETAILS.

B8- STORMWATER OUTLET PROTECTION SPECIFICATIONS
RIP-RAP REVENTMENT WILL BE UTILIZED AT EACH OF THE STORMWATER OUTLETS WHERE NOT CONNECTING TO A MANHOLE. SEE SHEETS C300-C302 FOR ADDITIONAL INFORMATION AND SHEET C304 FOR DETAILS

B9- GRADE STABILIZATIONSTRUCTURE LOCATIONS AND SPECIFICATIONS
EROSION CONTROL BLANKETS WILL BE UTILIZED AS GRADE STABILIZATION STRUCTURES. REFER TO SHEETS C300 ADDITIONAL INFORMATION

B10- LOCATION DIMENSIONS, SPECIFICATIONS, AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURE.
EACH MEASURE IS SHOWN ON SHEETS C300 ALONG WITH APPROPRIATE DETAILS AND SPECIFICATIONS SHOWN ON SHEET C300.

B11- TEMPORARY SURFACE STABILIZATION METHODS APPROPRIATE FOR EACH SEASON.
REFER TO SHEET C300, WITHIN THE SEASONAL SOIL PROTECTION CHART.

B12- PERMANENT SURFACE STABILIZATIONSPECIFICATIONS.
REFER TO SHEET C300, WITHIN THE SEASONAL SOIL PROTECTION CHART.

B13- MATERIAL HANDLING AND SPILL PREVENTION PLAN

SOLID WASTE DISPOSAL
NO SOLID MATERIAL, INCLUDING BUILDING MATERIALS, IS PERMITTED TO BE DISCHARGED TO SURFACE WATERS
OR BURIED ON SITE. ALL SOLID WASTE MATERIALS, INCLUDING DISPOSABLE MATERIALS INCIDENTAL TO THE
CONSTRUCTION ACTIVITY, MUST BE COLLECTED IN CONTAINERS OR CLOSED DUMPSTERS. THE COLLECTION CONTAINERS MUST BE EMPTIED PERIODICALLY AND BE COLLECTED MATERIAL HAULED TO A LANDFILL PERMITTED
BY THE STATE AND/OR APPROPRIATE LOCAL MUNICIPALITY TO ACCEPT THE WASTE FOR DISPOSAL.

A FOREMAN OR SUPERVISOR SHOULD BE DESIGNATED IN WRITING TO OVERSEE,ENFORCE, AND INSTRUCT CONSTRUCTION WORKERS ON PROPER SOLID WASTE PROCEDURES.

HAZARDOUS WASTE

WHENEVER POSSIBLE, MINIMIZE THE USE OF HAZARDOUS MATERIALS AND GENERATION OF HAZARDOUS WASTES.
ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED IN THE MANNER SPECIFIED BY FEDERAL, STATE, OR
LOCAL REGULATIONS OR BY THE MANUFACTURER.

USE CONTAINMENT BERMS IN FUELING AREAS WHERE POTENTIAL FOR SPILLS IS HIGH. A FOREMAN OR SUPERVISOR
SHOULD BE DESIGNATED IN WRITING TO OVERSEE, ENFORCE AND INSTRUCT CONSTRUCTION WORKERS ON PROPER HAZARDOUS WASTE PROCEDURES. THE LOCATION OF ANY HAZARDOUS WASTE STORAGE AREAS SHOULD BE INDICATED ON THE STORMWATER POLLUTION PREVENTION PLAN BY THE OPERTAOR FOLLOWING ON-SITE LOCATION OF THE FACILITY.

DUST CONTROL/OFF-SITE VEHICLE TRACKING

DURING CONSTRUCTION, WATER TRUCKS SHOULD BE USED, AS NEEDED, BY EACH CONTRACTOR OR SUBCONTRACTOR TO REDUCE DUST. AFTER CONSTRUCTION, THE SITE SHOULD BE STABILIZED TO REDUCE DUST. AFTER CONSTRUCTION, THE SITE SHOULD BE STABILIZED TO REDUCE DUST. CONSTRUCTION TRAFFIC SHOULD ENTER AND EXIT THE SITE AT A CONSTRUCTION ENTRANCE WITH A ROCK PAD OR EQUIVALENT DEVICE. THE PURPOSE OF THE ROCK PAD IS TO MINIMIZE THE AMOUNT OF SOIL AND MUD THAT IS TRACKED INTO EXISTING STREETS. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE , OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFFSITE IMPACTS.

SANITARY/SEPTIC

CONTRACTORS AND SUBCONTRACTORS MUST COMPLY WITH ALL STATE AND LOCAL SANITARY SEWER, PORTABLE TOILET, OR SEPTIC SYSTEM REGULATIONS. SANITARY FACILITIES SHALL BE PROVIDED AT THE SITE BY EASCH CONTRACTOR OR SUBCONTRACTOR THROUGHOUT CONSRUCTION ACTIVITIES. THE SANITARY FACILITIES SHOULD BE UTILIZED BY ALL CONSTRUCTION PERSONNEL AND BE SERVICED REGULARLY. ALL EXPENSES ASSOCIATED WTIH PROVIDING SANITARY FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTORS AND SUBCONTRACTORS.

THE LOCATION OF ANY SANITARY FACILITIES SHOULD BE INDICATED ON THE STORMWATER POLLUTION PREVENTION PLAN BY THE OPERATOR FOLLOWING ON-SITE LOCATION OF SAID FACILITIES.

WATER SOURCE

WATER USED TO ESTABLISH AND MAINTAIN GRASS, TO CONTROL DUST, AND FOR OTHER CONSTRUCTION PURPOSES MUST ORIGINATE FROM A PUBLIC WATER SUPPLY OR PRIVATE WELL APPROVED BY THE STATE OF LOCAL HEALTH DEPARTMENT.

EQUIPMENT FUELING AND STORAGE AREAS

EQUIPMENT FUELING, MAINTENANCE, AND CLEANING SHOULD ONLY BE COMPLETED IN PROTECTED AREAS (I.E., BERMED AREA). LEAKING EQUIPMENT AND MAINTENANCE FLUIDS WILL BE COLLECTED AND NOT ALLOWED TO DISCHARGE INTO SOIL WHERE THEY MAY NOT BE WASHED AWAY DURING A RAIN EVENT.

EQUIPMENT WASH DOWN (EXCEPT FOR WHEEL WASHES) SHOULD TAKE PLACE WITHIN AN AREA SUROUNDED BY A BERM. THE USE OF DETERGENTS IS PROHIBITED.

HAZARDOUS MATERIAL STORAGE

CHEMICALS, PAINTS, SOLVENTS, FERTILIZERS, AND OTHER TOXIC OR HAZARDOUS MATERIALS SHOULD BE STORED IN THEIR ORIGINAL CONTAINERS (IF ORIGINAL CONTAINER IS NOT RESEALABLE, STORE THE PRODUCTS IN CLEARLY LABELED, WATERPROOF CONTAINERS). EXCEPT DURING APPLICATION, THE CONTAINERS SHOULD BE KEPT IN TRUCKS OR IN BERMED AREAS WITHIN COVERED STORAGE FACILITIES. RUNOFF CONTAINING SUCH MATERIALS SHALL BE COLLECTED, REMOVED FROM THE SITE, AND DISPOSED OF IN ACCORDANCE WITH THE FEDERAL, STATE, AND LOCAL REGULATIONS.

AS MAY BE REQUIRED BY FEDERAL, STATE, OR LOCAL REGULATIONS, THE CONTRACTOR SHOULD HAVE A HAZARDOUS MATERIALS MANAGEMENT PLAN AND/OR HAZARDOUS MATERIALS SPILL PREVENTION PROGRAM IN PLACE. A FOREMAN OR SUPERVISOR SHOULD BE DESIGNATED IN WRITING TO OVERSEE, ENFORCE, AND INSTRUCT CONSTRUCTION WORKERS ON PROPER HAZARDOUS MATERIALS STORAGE AND HANDLING PROCEDURES. THE LOCATION OF ANY HAZARDOUS MATERIAL STORAGE AREAS SHOULD BE INDICATED ON THE STORMWATER POLLUTION PREVENTION PLAN BY THE OPERATOR FOLLOWING ON-SITE LOCATION OF THE STORAGE AREAS.

SPILL RESPONSE DIRECTIONS

IN THE EVENT OF SMALL SPILLS, PLEASE CONTACT THE CONSTRUCTION SUPERVISOR. IN THE EVENT OF SPILLS THAT REQUIRE REMOVAL OF SOILS OR OTHER MATERIALS, PLEASE CONTACT THE CONSTRUCTION SUPERVISOR, DEVELOPER, COUNTY SURVEYOR'S OFFICE AND THE LOCAL FIRE DEPARTMENT.

IN THE EVENT OF SPILLS THAT HAVE POTENTIAL GROUNDWATER OR SURFACE WATER CONTAMINATION, PLEASE CONTACT THE CONSTRUCTION SUPERVISOR, DEVELOPER, COUNTY SURVEYOR'S OFFICE, LOCAL FIRE DEPARTMENT AND IDEM.

CONTACT NUMBERS:

EMERGENCY RESPONSE	911
FRANKLIN FIRE DEPARTMNET	(317) 347-5860
CITY OF FRANKLIN POLICE DEPARTMENT	911
INDIANA DEPARTMENT OF NATURAL RESOURCES	(317) 477-8773
INDIANA DEPARTMNET OF ENVIRONMENTAL MANAGEMENT	(317) 233-7745
FRANKLIN PLANNING AND ENGINEERING	(317) 736-3631 OFFICE
ROCKY CAUDILL	(317) 822-9858
JOHNSON COUNTY SWCD	(317) 346-6102

B14 - MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE

INSPECTION SCHEDULE/REPORTING

ALL IMPACTED AREAS, AS WELL AS ALL EROSION AND SEDIMENT CONTROL DEVICES, WILL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER A RAINFALL OF 0.5 INCH OR GREATER. WHERE SITES HAVE BEEN FINAL OR TEMPORARILY STABILIZED OR ON SITES WHERE RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS (E.G., SITE IS COVERED WITH SNOW, ICE, OR FROZEN GROUND EXISTIS), SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

INSPECTIONS SHALL BE CONDUCTED AND A WRITTEN REPORT PREPARED, BY A DESIGNATED AND QUALIFIED PERSON FAMILIAR WITH THE USEPA NPDES STORM WATER GENERAL PERMIT, AND THE PROJECT.

INSPECTION REPORTS SHALL BE COMPLETED INCLUDING SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE OF THE INSPECTION, OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SEPPP, AND ANY ACTIONS TAKEN AS A RESULT OF INCIDENTS OF NONCOMPLIANCE OTED DURING TH EINSPECTION. THE INSPECTION REPORT SHOULD STATE WHETHER THE SITE WAS IN COMPLIANCE OR IDENTITY ANY INCIDENTS OF NONCOMPLIANCE. THE CONTRACTOR SHALL KEEP A COPY OF THE INSPECTION REPORTS ON SITE AND PERMANENTLY FOR A PERIOD OF TWO YEARS FOLLOWING CONSTRUCTION. THE ON-SITE REPORTS MAY BE REQUESTED BY INSPECTIONS CONDUCTED BY THE LOCAL MS-4.

CONSTRUCTION ENTRANCE

LOCATIONS WHERE VEHICLES EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. EACH CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCE AND OTHER CONTROLS.

MATERIAL STORAGE INSPECTIONS

INSPECTORS MUST EVALUATE AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION. THE PURPOSE IS TO ENSURE THAT MATERIALS ARE PROTECTED AND/OR IMPOUNDED SO THAT POLLUTANTS CANNOT DISCHARGE FROM STORAGE AREAS. OFF-SITE MATERIAL STORAGE AREAS USED SOLELY BY THE SUBJECT PROJECT ARE CONSIDERED TO BE PART OF THE PROJECT AND MUCH BE INCLUDED IN THE EROSION CONTROL PLANS AND THE SITE INSPECTION REPORTS.

SOIL STABILIZATION INSPECTIONS

SEEDED AREAS WILL BE INSPECTED TO CONFIRM THAT A HEALTHY STAND OF VEGETATION IS MAINTAINED. THE SITE HAS ACHIEVED FINAL STABILIZATION ONCE ALL AREAS ARE COVERED WITH PAVEMENT OF HAVE A STAND OF VEGETATION WITH AT LEAST 70% OF THE BACKGROUND VEGETATION DENSITY. THE DENSITY OF 70% OR GREATER MUST BE MAINTAINED TO BE CONSIDERED AS STABILIZED. THE OPERATOR OR THEIR REPRESENTATIVE WILL WATER, FERTILIZED, AND RESEED DISTURBED AREAS AS NEEDED TO ACHIEVE THIS GOAL.

EROSION AND SEDIMENT CONTROL INSPECTIONS

ALL CONTROLS SHOULD BE INPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND FOLLOWING ANY STORM EVENT OF 0.5 INCH OR GREATER. THE FOLLOWING IS A LIST OF INSPECTION/MAINTENANCE PRACTICES THAT WILL BE USED FOR SPECIFIC CONTROLS:

1. GEOTEXTILES/EROSION CONTROL MATS: MISSING OR LOOSE MATTING MUST BE REPLACED OR RE-ANCHORED.
2. INLET PROTECTION: SEDIMENT SHOULD BE REMOVED WHEN IT REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE FENCE. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN THE VOLUME OF THE BASIN IS REDUCED BY 50%.
3. MULCHING: INSPECTED FOR THIN OR BARE SPOTS CAUSED BY NATURAL DECOMPOSITION OR WEATHER-RELATED EVENTS. MULCH IN HIGH TRAFFIC AREA SHOULD BE REPLACED ON A REGULAR BASIS TO MAINTAIN UNIFORM PROTECTION.
4. SILT FENCE: REMOVAL OF BUILT-UP SEDIMENT WILL OCCUR WHEN THE SEDIMENT REACHES ONE-THIRD THE HEIGHT OF THE FENCE.
5. STABILIZED CONSTRUCTION ENTRANCE: PERIODIC REGARDING AND TOP DRESSING WITH ADDITIONAL STONES.
6. VEGETATION: PROTECT NEWLY SEEDED AREAS FROM EXCESSIVE RUNOFF AND TRAFFIC UNTIL VEGETATION IS ESTABLISHED. ESTABLISH A WATERING AND FERTILIZING SHCEDULE.
7. GOOD HOUSEKEEPING: LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER SAHLL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES THROUGH SCREENING OF OUTFALLS AND DAILY PICKUP OF LITTER.

IN THE EVENT THAT SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE ADVERSE IMPACTS. AS EXAMPLE OF THIS MAY BE THE SITUATION WHERE SEDIMENT HAS WASHED INTO THE SRTEET AND COULD BE CARRIED INTO THE STORM SEWERS BY THE NEXT RAINFALL AND/OR POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS.

MATERIAL HANDLING AND SPILL PREVENTION

DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL INTO STORMWATER IS SUBJECT TO REPORTING REQUIREMENTS. IN THE EVENT OF A SPILL OF A HAZARDOUS SUBSTANCE, THE OPERATOR IS REQUIRED TO NOTIFY THE NATIONAL RESPONSE CENTER (1-800-424-8802) TO PROPERLY REPORT THE SPILL. IN ADDITION, THE OPERATOR SHALL SUBMIT A WRITTEN DESCRIPTION OF THE RELEASE (INCLUDING THE TYPE AND AMOUNT OF MATERIAL RELEASED, THE DATE OF THE RELEASE, THE CIRCUMSTANCES OF THE RELEASE, AND THE STEPS TO BE TAKEN TO PREVENT FUTURE SPILLS) TO THE LOCAL MS-4

CURB INLET PROTECTION MATS

THE MAT IS DESIGNED TO BE ATTACHED OVER THE TOP OF THE CURB INLET GRATE WITH PLASTIC CABLE TIES (*75 STRENGTH MIN.). THE OVERALL DIMENSION OF THE MAT SHALL ALLOW FOR 2" BEYOND THE WATER INLET PERFORATIONS IN THE CASTING. THE EXCEPTION TO THIS WOULD BE ALONG THE TOP WHERE THE GRATE SHALL BE EXPOSED TO ALLOW OVERFLOW DURING HEAVY STORM EVENTS. THE COMPOSITE CURB INLET PROTECTION MAT SHALL BE A MACHINE-PRODUCED MAT OF 100% COCONUT FIBER MATRIX INCORPORATED INTO A PERMANENT THREE-DIMENSIONAL MATTING. THERE SHALL BE 4 LAYTERS OF SUPER HEAVY DUTY UV STABILIZED POLYPROPYLENE NET WITH 0.5" X 0.5" OPENINGS AND 2 LAYERS ULTRA HEAVY DUTY UV STABILIZED DRAMATICALLY CORRUGATED (CRIMPED) INTERMEDIATE POLYPROPYLENE NETTING WITH 0.5" X 0.5" OPENINGS. THE MAT SHALL BE STITCHED WITH UV STABILIZED POLYPROPYLENE AT 1.50" SPACEING. THIS DEVICE SHOULD BE USED IN CONJUNCTION WITH OTHERBMP'S TO MAXIMIZE THE EFFICIENCY OF THE EROSION CONTROL PLAN. THE MATS ARE TO BE CHECKED EVERY TWO WEEKS AND AFTER EVERY STORM EVENT FOR MAINTENANCE AND/OR REPAIR AND REPLACEMENT.

COMPLIANCE OF THE ISTE WITH THE GENERAL CONSTRUCTION PERMIT REMAINS THE RESPONSIBILITY OF ALL OPERATORS THAT HAVE SUBMITTED AN NOIUNTIL SUCH TIME AS THEY HAVE SUBMITTED A NOTICE OF TERMINATION (NOT). THE PERMITTEE'S AUTHORIZATION TO DISCHARGE UNDER THE GENERAL CONSTRUCTION PERMIT TERMINATES AT MIDNIGHT OF THE DAY THE NOT IS SIGNED.

ALL PERMITTEES MUST SUBMIT AN NOT WITHIN THIRTY (30) DAYS AFTER ONE OR MORE OF THE FOLLOWING CONDITIONS HAVE BEEN MET:

1. FINAL STABILIZATION HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITTEE WAS RESPONSIBLE.
2. ANOTHER OPERATOR/PERMITTEE HAS ASSUMED CONTROL OVER ALL AREAS OF THE ISTE THAT HAVE NOT BEEN FINALLY STABILIZED.
3. IN RESIDENTIAL CONSTRUCTION OPERATIONS, TEMPOARTY STABILIZATION HAS BEEN COMPLETED AND THE RESIDENCE HAS BEEN TRANSFERRED TO THE HOMEOWNER.

B15 - EROSION AND SEDIMENT CONTROL SPECIFICATIONS FOR INDIVIDUAL BUILDING LOTS
REFER TO "INDIVIDUAL LOT STORMWATER POLLUTION AND PREVENTION DETAIL" ON SHEET C304

C1 - DESCRIPTION OF POLLUTANTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE
THE PROPOSED LAND USE WILL CONSIST OF SINGLE FAMILY RESIDENTIAL HOUSES. THE POLLUTANTS AND SOURCES OF EACH POLLUTANT NORMALLY EXPECTED FROM THESE TYPES OF LAND USES ARE LISTED BELOW:

POLLUTANT SOURCE: PASSENGER VEHICLES, DELIVERY VEHICLES, AND TRUCKS
TYPE OF POLLUTANT: OIL, GASOLINE, DIESEL FUEL, ANY HYDROCARBON ASSOCIATED WITH VEHICULAR FUELS AND LUBRICANTS, GREASE, ANTIFREEZE, WINDSHIELD CLEANER SOLUTION, BRAKE FLUID, BRAKE DUST, RUBBER, GLASS, METAL AND PLASTIC FRAGMENTS, GRIT, ROAD DE-ICING MATERIALS

POLLUTANT SOURCE: RESIDENCE
TYPE OF POLLUTANT: CLEANING SOLUTIONS OR SOLVENTS, LEAKS FROM HVAC EQUIPMENT, FRIT FORM ROOF DRAINAGE, AGGREGATE OR RUBBER FRAGMENTS FROM ROOFING SYSTEM

POLLUTANT SOURCE: TRASH DUMPSTER
TYPE OF POLLUTANT: CLEANING SOLUTIONS OR SOLVENTS, LITTER (PAPER, PLASTIC, GENERAL REFUSE ASSSOCIATED WITH DISTRIBUTIONS OPERATIONS), UNEATEN FOOD PRODUCTS, BACTERIA

POLLUTANT SOURCE: ROADWAY
TYPE OF POLLUTANT: ANY POLLUTANT ASSOCIATED WITH VEHICULAR SOURCES, GRIT FROM ASPHALT WEARING SURFACE, BITUMINOUS COMPOUNDS FROM PERIODIC MAINTENANCE (SEALING, RESURFACING AND PATCHING), PAVEMENT DE-ICING MATERIALS, POINT FRAGMNETS FROM PARKING STALL STRIPES, CONCRETE FRAGMNETS, WIND-BLOWN LITTER FROM OFF-SITE SOURCES, AND ELEVATED WATER TEMPERATURES FROM CONTACT WITH IMPERVIOUS SURFACES

POLLUTANT SOURCE: LAWN AND LANDSCAPE AREAS
TYPE OF POLLUTANT: FERTILIZERS, SOIL, ORGANIC MATERIAL (LEAVES, MULCH, GRASS CLIPPINGS)

THE ANTICIPATED POLLUTION SOURCES ARE THE VEHICLES THAT WILL USE THESE FUTURE FACILITIES, INCLUDING BOTH TRUCK AND PASSENGER VEHICLE TRAFFIC. POSSIBLE POLLUTANTS INCLUDE OIL, GASOLINE, ANTI-FREEZE AND OTHER POLLUTANTS ASSOCIATED WITH VEHICULAR TRAFFIC.

C2 & C3 SEQUENCE DESCRIBING STORMWATER QUALITY MEASURE IMPLEMENTATION:
DESCRIPTION OF PROPOSED POST CONSTRUCTION STORMWATER QUALITY MEASURES:

THE POST CONSTRUCTION MEASURES USED TO MINIMIZE SEDIMENTATION IN WATERWAYS INCLUDE SEVERAL PRACTICES.
1. SWALES - THE PROPOSED GRASSED SWALES WILL COLLECT STORM WATER FROM SHEET FLOW AREAS AND CONVEY THEM TO THE STORM SEWER. THE DESIGN OF THE SWALES WILL ALLOW SEDIMENT TO BE PARTIALLY INFILTRATED BEFORE STORM WATER ENTERS THE DESIGNED STORM SEWER SYSTEM.
2. INLETS - N/A
3. EXISTING VEGETATIVE SWALES - THESE STRUCTURAL BMP WILL BE THE MAIN COMPONENT OF THE WATER QUALITY FOR THIS PROJECT. SEE SHEET C200 FOR LOCATION

C4 LOCATION, DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS OF EACH STORMWATER QUALITY MEASURES:

THE FOLLOWING ITEMS ARE STORM WATER QUALITY MEASURES THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION IS COMPLETED AND ARE CONSIDERED TO SERVE AS POST-CONSTRUCTION STORM WATER QUALITY BMP'S.

1. VEGETATED SWALES - THE DESIGN OF THE VEGETATED SWALES CAN BE FOUND ON .
THE SPECIFICATIONS FOR THE VEGETATED SWALES CAN BE FOUND ON C300 .

2. INLETS AND INLET CASTINGS - N/A

"DON'T DIG BLIND"

CALL BEFORE YOU DIG

RICHARD L. FIDLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

CERTIFIED BY: (signature) DATE 8/14/14	REVISIONS	CONCEPT CHK:	DRAWN BY: G.S.W.	SCALE:	DATE: AUGUST 14,2014	CLIENT: ROCKY CAUDILL-COUNTERTOP CONNECTIONS	DGN COUNTERTOP CONNECTIONS
		ENG CHK: R.L.F.	DRFTNG. CHK: G.S.W.	HUDSON COMMERCIAL PARK LOT 5 EROSION CONTROL-SWPP SECIFICATIONS			JOB NUMBER C14.47
							SHEET: C301

- BROAD LEAF/DICIDUOUS TREES (SELECTION)

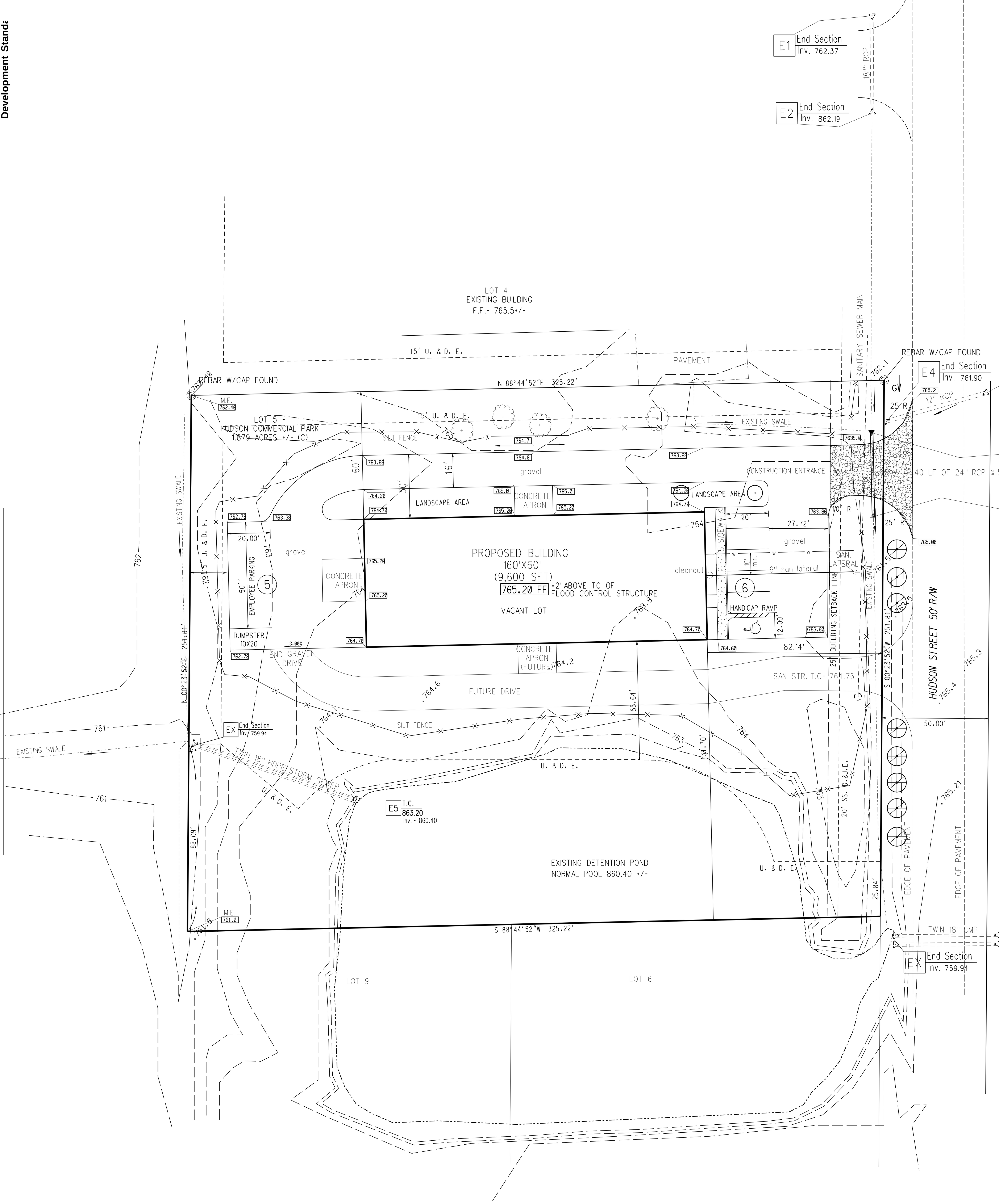
Qualifying Broad Leaf / Deciduous Trees (page 1 of 2)

Development Standards

Common Name	Scientific Name	Native to North America?	Recommended Use(s)
Crabapple.....			
Snowdrift Crabapple	*Malus "Snowdrift"*	*Yes*	*Site Interior*
Zumi Crabapple	*Malus "Zumi"*	*Yes*	*Site Interior*
Golden Raintree	**Koelreuteria Paniculata**	**No**	**Site Interior**
Smoketree	**Cotinus Obovatus**	**Yes**	**Site Interior**
Rubber Tree	**Eucommia Ulmoides**	**No**	**General**
Hawthorne.....			
Lavelle Hawthorne	*Crataegus x Lavellei*	*No*	*Site Interior*
Washington Thorn	*Crataegus Phaenopyrum*	*Yes*	*Site Interior*
Cucumber Tree	**Magnolia Acuminata**	**Yes**	**General**
Maple.....			
Armstrong Red Maple	*Acer Rubrum "Autumn Flame"*	*Yes*	*General*
Hedge Maple	*Acer Campestre*	*No*	*Site Interior*
Paperbark Maple	*Acer Griseum*	*No*	*General*
Red Sunset Maple	*Acer Rubrum "Red Sunset"*	*Yes*	*General*
Striped Maple	*Acer Penslvanicum*	*Yes*	*General*
Sugar Maple	*Acer Sacchrum*	*Yes*	*General*
Tilford Red Maple	*Acer Rubrum "Tilford"*	*Yes*	*General*
Trident Maple	*Acer Buergerianum*	*No*	*General*
Pear.....			
Chanticleer Pear	*Pyrus Calleryana "Chanticleer"*	*No*	*Site Interior*
Fauruer Pear	*Pyrus Calleryana "Faurieri"*	*No*	*Site Interior*
Redbud.....			
Eastern Redbud	*Cercis Canadensis*	*Yes*	*Site Interior*
White Redbud	*Cercis Canadensis "Alba"*	*Yes*	*Site Interior*
Amur Cork Tree	**Phellodendran Amurense**	**No**	**Site Interior**
Hop Hornbeam	**Ostrya Virginiana**	**No**	**General**
Hornbean.....			
American Hornbeam	*Carpinus Caroliniana*	*No*	*General*
Upright European Hornbeam	*Carpinus Betulas "Fastigiata"*	*No*	*General*
Mountain Ash.....			
Densehead Mt. Ash	*Sorbus "Alnifolia"*	*No*	*General*
Whitebeam Mt. Ash	*Sorbus "Aria"*	*No*	*General*
European Mt. Ash	*Sorbus "Aucuparia"*	*No*	*General*
American Mt. Ash	*Sorbus "Americana"*	*Yes*	*General*
Sassafras Tree	**Sassafras Albidum**	**Yes**	**General**
Black Walnut	**Juglaus Nigra**	**Yes**	**Site Interior**
Shagbark Hickory	**Carya Ovata**	**Yes**	**General**
London Planetree	**Plantanus x Acerifolia**	**No**	**General**
Sycamore	**Plataus Occidentalis**	**Yes**	**General**
Sweet Gum.....			
Festival Sweet Gum	*Liquidambar Styraciflua "Festival"*	*Yes*	*General*
Moriane Sweet Gum	*Liquidambar Styraciflua "Moriane"*	*Yes*	*General*
Ginko (Male).....			
Fairmount Ginko	*Ginko Biloba "Fairmount"*	*No*	*General*
Autumn Gold Gingo	*Ginko Biloba "Autumn Gold"*	*No*	*General*
Sentry Ginko	*Ginko Biloba "Sentry"*	*No*	*General*
Upright Ginko	*Ginko Biloba "Upright"*	*No*	*General*

Development Standards

Common Name	Scientific Name	Native to North America?	Recommended Use(s)
Honeylocust.....			
Majestic Honeylocust	*Gleditzia Triacanthos Inermis "Majestic"*	*Yes*	*General*
Moriane Honeylocust	*Gleditzia Triacanthos Inermis "Moriane"*	*Yes*	*General*
Shademaster Honeylocust	*Gleditzia Triacanthos Inermis "Shademaster"*	*Yes*	*General*
Skyline Honeylocust	*Gleditzia Triacanthos Inermis "Skyline"*	*Yes*	*General*
Sunburst Honeylocust	*Gleditzia Triacanthos Inermis "Sunburst"*	*Yes*	*General*
Linden.....			
Greenspire Linden	*Tilia Cordata "Greenspire"*	*No*	*General*
Chancellor Linden	*Tilia Cordata "Chancellor"*	*No*	*General*
Swedish Upright Linden	*Tilia Cordata "Swedish Upright"*	*No*	*General*
Silver Linden	*Tilia Cordata "Tomentosa"*	*No*	*General*
Basswood	*Tilia Americana*	*Yes*	*General*
Oak.....			
Burr Oak	*Quercus Macrocarpa*	*Yes*	*General*
English Oak	*Quercus Robar*	*No*	*General*
Laurel Oak	*Quercus Hemisphaerica*	*Yes*	*General*
Pin Oak	*Quercus Palustris*	*Yes*	*General*
Post Oak	*Quercus Stellata*	*Yes*	*General*
Red Oak	*Quercus Borealis*	*Yes*	*General*
Scarlet Oak	*Quercus Coccinea*	*Yes*	*General*
Shingle Oak	*Quercus Inbricaria*	*Yes*	*General*
White Oak	*Quercus Alba*	*Yes*	*General*
Birch.....			
Paper Birch	*Betula Papyrifera*	*Yes*	*General*
River Birch	*Betula Nigra*	*Yes*	*Wet Area / Stream Sides*
Tulip Tree	**Liriodendron Tulipifera**	**Yes**	**General**
Elm.....			
Accolade Elm	*Ulmus Japonica x Wilsoniana "Morton"*	*No*	*General*
Frontier Elm	*Ulmus Carpinifolia x Parvifolia "Frontier"*	*No*	*General*
Homestead Elm	*Ulmus "Homestead" (complex hybrid)*	*No*	*General*
Common Alder	**Alnus Glutinosa**	**No**	**General**



⊕ - STREET TREES (8)

⊙ - BROAD LEAF/DICIDUOUS TREES (2)

30 0 15 30 60

(ASSUMED NORTH)
1"= 30'

CROSS COUNTY CONSULTING, LLC
RESIDENTIAL - COMMERCIAL
COMPLETE SITE DEVELOPMENT SERVICES
5921 CADILLAC DRIVE INDPLS,INDIANA 46224
TELEPHONE (317) 563-2210 FACSIMILE (317) 487-7730
EMAIL:CROSSCOUNTY@ATT.NET

STREET TREE REQUIREMENTS

B. **Planting Requirements:** One street tree shall be planted for every 35 feet of street frontage or fraction thereof, regardless of driveways or other features. Trees may be evenly spaced or grouped together. Street trees shall also meet the following requirements:

1. Tree Size: All street trees shall be a minimum of 2 1/2 inch calliper as measured 6 inches from the top of the rootball, at the time of planting.
2. Separation from Pavement: No tree may be planted so that its center is closer than 2 feet to a sidewalk or curb, or edge of pavement if no curbs are present.
3. Visual Clearance: No tree shall be planted within 25 feet of the intersection of 2 street rights-of-way, within 5 feet of the intersection of a street right-of-way and an entrance driveway, or within the Sight Visibility Triangle established by the Zoning Ordinance.
4. Separation from Utilities: No tree shall be planted within 10 feet of any fire hydrant or 2 lateral feet of any underground utility service.
5. Permitted Tree Types: Street trees shall be of one or more of the species described in the Permitted Street Trees table. No other types of trees, or any plant material other than grass, shall be planted in a street right-of-way. A variety of permitted tree types shall generally be used in each subdivision.

6.15 Street Tree Standards (cont.)

6 Subdivisions Standards

Permitted Street Trees

Common Name	Scientific Name
Hornbeam	
American Hornbeam	*Carpinus Caroliniana*
Upright European Hornbeam	*Carpinus Betulas "Fastigiata"*
Elm	
Accolade Elm	*Ulmus Japonica x Wilsoniana "Morton"*
Frontier Elm	*Ulmus Carpinifolia x Parvifolia "Frontier"*
Homestead Elm	*Ulmus "Homestead" (complex hybrid)*
Ash	
Green Ash	*Fraxinus Pennsylvanica*
White Ash	*Fraxinus Americana*
Ginko (Male)	
Fairmount Ginko	*Ginko Biloba "Fairmount"*
Sentry Ginko	*Ginko Biloba "Sentry"*
Upright Ginko	*Ginko Biloba "Upright"*
Honeylocust	
Majestic Honeylocust	*Gleditzia Triacanthos Inermis "Majestic"*
Moriane Honeylocust	*Gleditzia Triacanthos Inermis "Moriane"*
Shademaster Honeylocust	*Gleditzia Triacanthos Inermis "Shademaster"*
Skyline Honeylocust	*Gleditzia Triacanthos Inermis "Skyline"*
Sunburst Honeylocust	*Gleditzia Triacanthos Inermis "Sunburst"*
Linden	
Basswood	*Tilia Americana*
Chancellor Linden	*Tilia Cordata "Chancellor"*
Greenspire Linden	*Tilia COrdata "Greenspire"*
Silver Linden	*Tillia Cordata "Silver"*
Swedish Upright Linden	*TIlia Cordata "Swedish Upright"*
Maple	
Armstrong Red Maple	*Acer Rubrum "Autumn Flame"*
Paperbark Maple	*Acer Griseum*
Red Sunset Red Maple	*Acer Rubrum "Red Sunset"*
Striped Maple	*Acer Pensylvanicum*
Sugar Maple	*Acer Sacchrum*
Tilford Red Maple	*Acer Rubrum "Tilford"*
Trident Maple	*Acer Buergerianum*
Oak	
Bur Oak	*Quercus Macrocarpa*
Chestnut Oak	*Quercus Prinus*
Chinkapin Oak	*Quercus Muehlenbergii*
English Oak	*Quercus Robur*
Laurel Oak	*Quercus Hemisphaerica*
Pin Oak	*Quercus Palustris*
Post Oak	*Quercus Stellata*
Red Oak	*Quercus Borealis*
Scarlet Oak	*Quercus Coccinea*
Shingle Oak	*Quercus Inbricaria*
Shumard Oak	*Quercus Shumardii*
White Oak	*Quercus Alba*
Common Alder	*Alnus Glutinosa*
Golden Raintree	*Koelreuteria Paniculata*
London PlaneTree	*Platanus x Acerifolia*

CITY OF FRANKLIN SUBDIVISION CONTROL ORDINANCE: EFFECTIVE DATE - APRIL 11, 2005
REVISED PER ORDINANCE #2013-07

Page: 6-35

"DON'T DIG BLIND"
811
CALL BEFORE YOU DIG

RICHARD L. FIDLER
REGISTERED
No. S0257
STATE OF INDIANA
LAND SURVEYOR

CERTIFIED BY:	REVISIONS	CONCEPT CHK:	DRAWN BY: G.S.W.	SCALE: 1" - 30'	DATE: AUGUST 14,2014	CLIENT: ROCKY CAUDILL-COUNTERTOP CONNECTIONS	DGN COUNTERTOP CONNECTIONS	SHEET:
DATE 8/14/14		ENG CHK: R.L.F.	DRFTNG. CHK: G.S.W.	HUDSON COMMERCIAL PARK LOT 5		LANDSCAPE PLAN	JOB NUMBER C14.47	C400

C:\dgn\2014\franklin\sheet.dgn 8/14/2014 10:15:32 AM