

SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

July 5, 2011

To: Hamilton County Drainage Board

Re: Cool Creek Drain – George Seybold Arm

Attached is a petition and plans for the proposed relocation of the Cool Creek Drain, George Seybold Arm. The relocation is being proposed by the City of Westfield. The proposal is to reconstruct the portion of the drain that falls within the Westfield Grand Park area to provide an outlet for Grand Park and the off-site area of the George Seybold Arm.

The line will consist of the following as shown on sheets LD500 and LD501 of the plans for Grand Park by American Structurepoint, dated 6-28-11, and having job number 201100689:

- 108 feet of 30" RCP from Str. 30 to Str. 31 (intercepts original tile at Sta. 12+00)
- 300 feet of 30" RCP from Str. 31 to Str. 32
- 300 feet of 30" RCP from Str. 32 to Str. 33
- 93 feet of 30" RCP from Str. 33 to Str. 34
- 127 feet of 30" RCP from Str. 34 to Str. 35
- 110 feet of 30" RCP from Str. 35 to Str. 36
- 116 feet of 30" RCP from Str. 36 to Str. 37
- 101 feet of 30" RCP from Str. 37 to Str. 38
- 529 feet of Open Ditch from Str. 38 to Str. 39/42
- 32 feet of 30" RCP from Str. 39 to Str. 40
- 131 feet of 30" RCP from Str. 40 to Str. 41
- 32 feet of 30" RCP from Str. 42 to Str. 43
- 131 feet of 30" RCP from Str. 43 to Str. 44
- 309 feet of Open Ditch from Str. 41/44 to Str. 45
- 130 feet of 48" RCP from Str. 45 to Str. 46
- 235 feet of 48" RCP from Str. 46 to Str. 47
- 165 feet of 48" RCP from Str. 47 to Str. 48
- 783 feet of Open Ditch from Str. 48 to Str. 49
- 150 feet of 48" RCP from Str. 49 to Str. 50

The total length of new drain shall be 3882 feet. The 3013 feet of original drain between Sta. 12+00 and Sta. 42+13, per the original 1898 legal description shall be vacated. This proposal will add an additional 869 feet to the total length of the Cool Creek Drain, George Seybold Arm.

The open ditch listed above is the 3 sections of open ditch through the 3 detention ponds. They are a straight line from Str. 48 to Str. 49 in pond 1, from Str. 41/44 to Str. 45 in pond 2, and from Str. 38 to Str. 39/42 in pond 3.

The retention ponds (lake) located inline with this drain are not to be considered part of the regulated drain. Only the inlets and outlets will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the City of Westfield. The Board will however retain jurisdiction for ensuring the storage volume for which the pond (lake) was designed will be retained. Thereby, allowing no fill or easement encroachments.

The cost of the relocation is to be paid by the City of Westfield.

Since this is a project by a municipal entity, City of Westfield, no bonds are required by the Drainage Board.

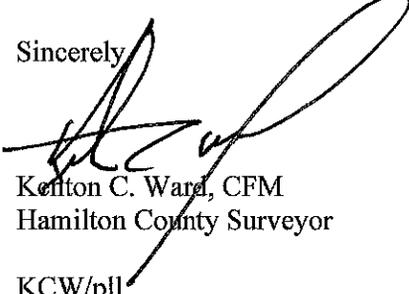
The parcels that will be affected by this relocation are:

<u>Parcel</u>	<u>Owner</u>
08-05-26-00-00-008.000	Rachel Merrill, Jeffrey W Morris, Jennifer L Cole, Joseph S Morris & Julianne B Merrill
08-05-26-00-00-009.000	James Craig Wood and Sandra Malott Wood
08-05-25-00-00-058.000	City of Westfield
191 st Street ROW	Hamilton County Highway Department

The easement for the new drain will be 25 feet per half from the centerline of the new drain. The City of Westfield will provide written easement dedication and descriptions in the near future.

I recommend that the Board set a hearing for this drain for August 22, 2011.

Sincerely



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

Cool Creek #345, George Seybold Arm
 Reconstruction for Westfield Grand Park
 Relocation to be paid by City of Westfield

*No change in current maintenance assessment at this time.
 Drainage shed may change after development is complete.

Parcel	Owner	Address	City	Description	Benefit	Mnt/Asmt	Reconst	Percent
08-05-26-00-00-008.000	Merrill, Rachel; Jeff Morris; Jennifer Cole	10184 Partridge Pl	Carmel, IN 46033	S26 T19 R3 51.56 Ac	*	*	*	*
08-05-26-00-00-009.000	Wood, James Craig & Sandra Malott Wood	167 E. 191st St	Westfield, IN 46074	S26 T19 R3 145.42 Ac	*	*	*	*
08-05-25-00-00-058.000	City of Westfield	2706 E. 171st St.	Westfield, IN 46074	S25 T19 R3 64.68 Ac	*	*	*	*
99-99-99-99-99-999.001	Hamilton Co. Highway Dept.	1700 S. 10th St.	Noblesville, IN 46060	191st, S25/26 T19 R3	*	*	*	*
99-99-99-99-99-999.010	City of Westfield	130 Penn ST	Westfield, IN 46074	S25/26T19R3, Merrill/Morris/Cole/Wood property	*	*	*	*

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: George Seybold ARM - Cool Creek Drain)
Hamilton County, Indiana)

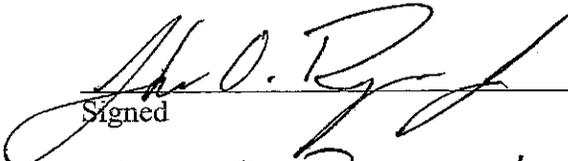
PETITION FOR RELOCATION AND RECONSTRUCTION

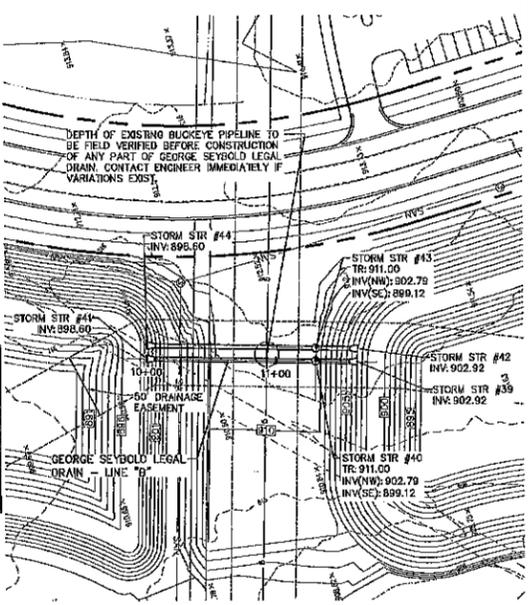
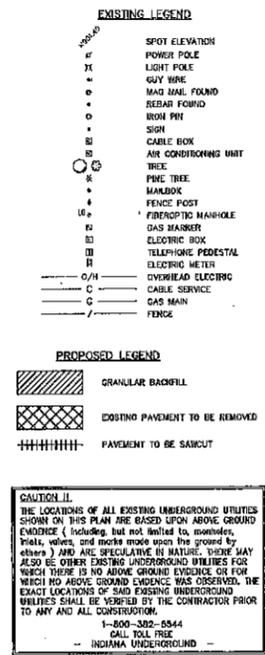
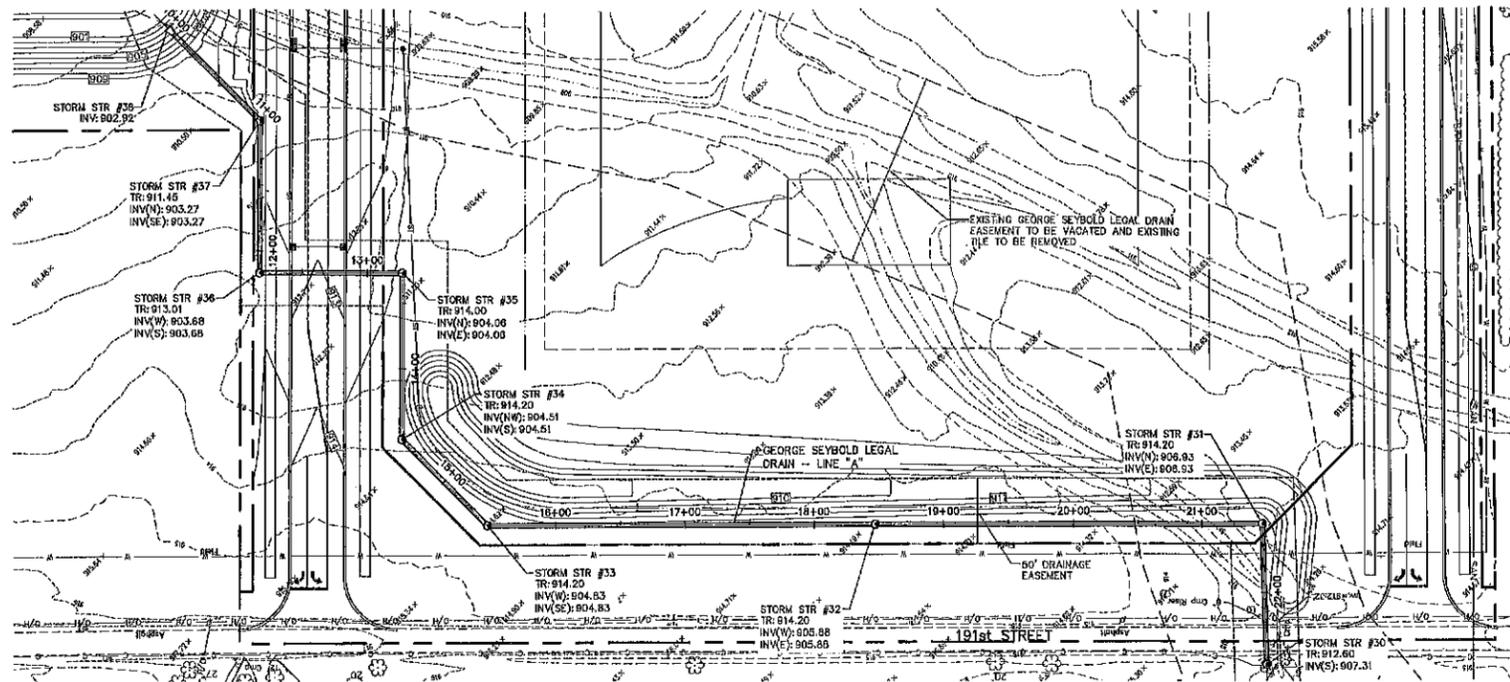
City of Westfield (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the George Seybold ARM - Cool Creek Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the George Seybold ARM Cool Creek Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the George Seybold ARM - Cool Creek Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the George Seybold ARM - Cool Creek Drain, without cost to other property owners on the watershed of the George Seybold ARM - Cool Creek Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the George Seybold ARM Cool Creek Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.


Signed _____
JOHN O. ROGERS, JR.
Printed _____



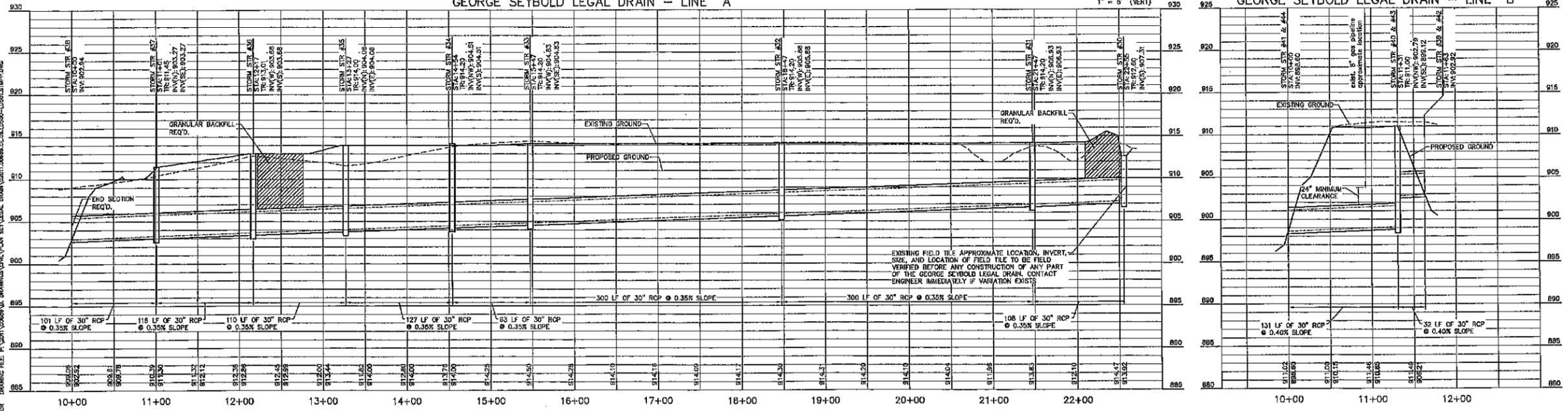
CAUTION II
 THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE CROWN EVIDENCE (including, but not limited to, manholes, vaults, valves, and marks made upon the ground by others) AND ARE RECLAIMED IN MATERIAL. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.
 1-800-202-5544
 CALL TOLL FREE
 - INDIANA UNDERGROUND -

NOTE
 ALL MAINTENANCE OF TRAFFIC SIGNAGE METHODS, MATERIALS AND CONSTRUCTION DETAILS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO HAMILTON COUNTY REQUIREMENTS, INDOT STANDARD DETOUR SHEETS AND SPECIFICATIONS AND THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THIS INCLUDES FLAGGING ROAD CONSTRUCTION AHEAD SIGNS, LANE MERGING SIGNS, FLASHING ARROW SIGNS, CONSTRUCTION BARRELS, ETC.

NOTE
 REFER TO SHEET C600 FOR STORM SEWER STRUCTURE DATA TABLE.

GEORGE SEYBOLD LEGAL DRAIN - LINE "A"

GEORGE SEYBOLD LEGAL DRAIN - LINE "B"



DEMOLITION NOTES.

- STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
 - EXPLOSIVES USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
 - TRAFFIC CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
 - DO NOT CLOSE OR OBSTRUCT ROADS, STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES.
 - PROTECTIONS: ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, AND OTHER FACILITIES AND INJURY TO PERSONS.
 - DAMAGES: PROMPTLY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
 - UTILITY SERVICES: MAINTAIN EXISTING UTILITIES TO STAY IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. DISCONNECT, CAP AND REMOVE UTILITY SERVICES PER LOCAL REQUIREMENTS. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTIONS HAVE BEEN COMPLETED TO THE SATISFACTION OF LOCAL UTILITIES.
- DEMOLITION**
- BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
 - FILLING WOODS: COMPLETELY FILL BELOW-GRADE AREAS AND WOODS RESULTING FROM DEMOLITION OPERATIONS WITH COMPACTED GRANULAR BACKFILL.

DISPOSAL OF DEMOLISHED MATERIALS

- GENERAL: REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS.
- RESIDENTIAL: TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.

GENERAL GRADING NOTES

- ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
- INCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH GRANULAR MATERIAL IF WITHIN 8 FEET OF PAVEMENT.
- AFTER STRIPPING TOPSOIL MATERIAL, PROTECT WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNDESIRABLE MATERIAL. THE NECESSITY FOR SUBGRADE AND/OR REMOVAL OF ANY UNDESIRABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.

GENERAL GRADING NOTES

- PROVIDE POSITIVE DRAINAGE WITHOUT POONING IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR TO TEST FOR, AND CORRECT IF ANY, STANDING WATER CONDITIONS.
- ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
- SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
- ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS.
- INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
- DEBRIS GUARD TO BE INSTALLED AT ALL OPEN ENDED INLETS.
- DUE TO SITE CONSTRAINTS, THE SITE MAY OR MAY NOT BE BALANCED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EARTHWORK IMPORTS AND/OR EXPORTS.
- A PORTION OF THE LOT LIES WITHIN A FLOOD HAZARD ZONE AS SCALED FROM THE FLOOD INSURANCE RATE MAP (FIRM) FOR HAMILTON COUNTY, INDIANA, COUNTY NUMBER 00000, CITY OF WESTFIELD, COMMUNITY NUMBER 10000-100003, PANEL NUMBER 0100, 0120, DATED FEBRUARY 12, 2003.

NOTES:

- CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
- CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
- REFER TO MASS GRADING AND ROAD/UTILITY INFRASTRUCTURE PLANS FOR DETAILS PERTAINING TO IMPROVEMENTS NOT ASSOCIATED WITH THE PROPOSED LEGAL DRAINS.
- CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY OBSTRUCTIONS WITHIN THE ALIGNMENT OF THE LEGAL DRAINS NOT NOTED ON THESE PLANS.
- PROPOSED GRADE ABOVE LEGAL DRAINS TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO LOCATE, PERPETRATE AND RE-ESTABLISH ALL EXISTING FIELD TILES LOCATED DURING CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE ALL PERPETRATION EFFORTS WITH THE ENGINEER.

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 PLOT SCALE: 1:1

AMERICAN STRUCTUREPOINT, INC.

7260 SHAGELAND STATION
 INDIANAPOLIS, IN 46256-3897
 TEL: 317.271.7200
 WWW.STRUCTUREPOINT.COM

No. PE11100062
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

PROJECT: **GEORGE SEYBOLD LEGAL DRAIN PLAN & PROFILE**
 PREPARED FOR: **CITY OF WESTFIELD**
 130 PENN STREET
 WESTFIELD, INDIANA 46074

PROJECT: **GRAND PARK**
 THE SPORTS CAMPUS AT WESTFIELD
 WESTFIELD, INDIANA

DATE: 06/24/11
 DRAWN BY: FPD
 CHECKED BY: SRS
 JOB NO.: 201100062

REVISIONS

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