

GENERAL NOTES

1. ALL WORK TO CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.
2. CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION TRAFFIC AT ALL TIMES.
3. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE BASE SURVEY CONTROL POINTS DURING DEMOLITION AND CONSTRUCTION.
4. ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT ENGINEER IMMEDIATELY IF ANY VARIATION EXISTS.
5. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

SITE NOTES

1. ALL PARKING STRIPES ARE TO BE 4" PAINTED (WHITE). ADA ACCESSIBLE PARKING STRIPES SHALL BE 4" PAINTED (BLUE).
2. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB, UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS ARE TO FACE OF BRICK OR FACING MATERIAL, WHERE APPLICABLE.
4. ALL DIMENSIONS ARE PARALLEL WITH, OR PERPENDICULAR TO BASE LINES, PROPERTY LINES OR BUILDING LINES, UNLESS OTHERWISE NOTED.
5. PROVIDE SMOOTH TRANSITIONS FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
6. RESURFACE OR RECONSTRUCT AT LEAST TO ORIGINAL CONDITIONS ALL AREAS WHERE THE EXISTING PAVEMENT OR LAWNS ARE DAMAGED DURING CONSTRUCTION FROM TRAFFIC BY CONTRACTORS, SUBCONTRACTORS OR SUPPLIERS AFTER CONSTRUCTION WORK IS COMPLETE.
7. EXISTING PAVEMENT TO BE SAW CUT IN ALL AREAS WHERE INDICATED NEW PAVEMENT TO JOIN EXISTING.
8. THE EDGE OF THE EXISTING ASPHALT PAVEMENT SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL AREAS WHERE NEW ASPHALT PAVEMENT IS INDICATED TO JOIN EXISTING ASPHALT.
9. CONCRETE SAW CUTTING SHALL BE DONE AS SOON AS POURED CONCRETE HAS CURED AND CAN SUPPORT WEIGHT. PROVIDE A NEAT CUT WHICH IS TRUE IN ALIGNMENT.
10. ALL JOINTS ARE TO CONTINUE THROUGH THE CURB.
11. RADIAL JOINTS SHALL BE NO SHORTER THAN 1.5'.
12. CONTRACTOR SHALL USE A THICKENED EXPANSION JOINT AROUND THE PERIMETER OF ANY BLOCK OUT IN THE CONCRETE PAVING.
13. ALL CONSTRUCTION JOINTS SHALL BE SAWN, CLEANED OF DEBRIS, BLOWN DRY AND IMMEDIATELY SEALED WITH THE APPROPRIATE SEALANT ACCORDING TO MANUFACTURERS DIRECTIONS.
14. ALL MATERIALS TO BE IN ACCORDANCE WITH LOCAL DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS RELATIVE TO MATERIAL, MIX, PLACEMENT AND WORKMANSHIP.
15. ALL SIDEWALKS SHALL COMPLY WITH ADA STANDARDS. MAXIMUM CROSS SLOPE OF 1:50 AND MAXIMUM LONGITUDINAL SLOPE OF 1:20.
16. CHAMFER ALL ENDS OF CURBS.

GRADING NOTES

1. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
2. 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.
3. 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. SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATIONS OF UTILITIES FOR THEIR OWN WORK.
4. CONTRACTOR TO ADJUST ALL EXISTING SURFACE INFRASTRUCTURE (HYDRANTS, VALVES, HANDHOLES, CASTINGS, IRRIGATION SYSTEM, UTILITY PEDESTALS, ETC.) AS REQUIRED TO MEET PROPOSED GRADE AT HIS/HER OWN COST.
5. AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL SHALL BE PERFORMED BY A LOADED TANDEM PNEUMATIC TIRE DUMP TRUCK MINIMUM GROSS VEHICLE WEIGHT OF 22 TONS. THE TIRES SHALL BE OPERATED AT INFLATION PRESSURES BETWEEN 70-80 PSI UNLESS OTHERWISE NOTED BY THE GEOTECHNICAL ENGINEER. THE TIRES SHALL BE INFLATED WITH AIR ONLY, NO LIQUID SHALL BE USED. THE PROOFROLL SHALL BE COMPLETED UNDER INSPECTION OF SOILS FIRM TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
6. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, STANDING WATER CONDITIONS.
7. ALL PROPOSED SPOT ELEVATIONS OR CONTOURS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
8. SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
9. TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH SELECT GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
10. CONTRACTOR TO PERPETUATE ANY SUBSURFACE DRAIN TILES OR PIPES ENCOUNTERED DURING CONSTRUCTION AND PROVIDE POSITIVE OUTLET TO DOWNSTREAM RECEIVING SYSTEM. CONTRACTOR TO NOTIFY THE ENGINEER WITH ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.
11. DUE TO SITE CONSTRAINTS, THE EARTHWORK FOR THE SITE AS DESIGNED MAY OR MAY NOT BALANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE EXISTING CONDITIONS AND INCLUDE IN THEIR BID ALL EARTHWORK COSTS INCLUDING IMPORTS AND/OR EXPORTS NECESSARY TO MAKE THE SITE BALANCE.
12. CONTRACTOR TO STABILIZE EXPOSED EARTH AS INDICATED BY THE STORMWATER POLLUTION PREVENTION PLAN OR GOVERNING AUTHORITY.

UTILITY NOTES

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4. CONTRACTOR TO ADJUST ALL EXISTING SURFACE INFRASTRUCTURE (HYDRANTS, VALVES, HANDHOLES, CASTINGS, IRRIGATION SYSTEM, UTILITY PEDESTALS, ETC.) AS REQUIRED TO MEET PROPOSED GRADE.
5. ALL UTILITY MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS FOR EACH UTILITY AGENCY HAVING JURISDICTION.
6. TRENCHES FOR ALL UTILITY LINES SHALL BE BACKFILLED COMPLETELY WITH SELECT GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
7. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES AND CONDUITS TO AVOID CONFLICTS AND PROVIDE REQUIRED MINIMUM DEPTHS OF COVER. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL BENDS WITH THRUST BLOCKS REQUIRED TO ASSURE PROPER INSTALLATION OF WATER MAINS AND LATERALS.
8. IN THE EVENT OF A CONFLICT BETWEEN WATER LINES AND STORM DRAINS, THE CONTRACTOR SHALL EITHER ADJUST THE WATER LINE DOWNWARD IN SUCH A MANNER SO THAT THE PIPE MANUFACTURER'S RECOMMENDATIONS ON PIPE DEFLECTION AND JOINT STRESS ARE NOT EXCEEDED OR THE CONTRACTOR SHALL PROVIDE APPROPRIATE BENDS AND CROSSINGS.
9. ALL COORDINATES AND DIMENSIONS ARE TO THE CENTERLINE OF UTILITIES AND STRUCTURES.

EROSION CONTROL NOTES

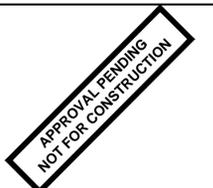
1. CONTRACTOR SHALL INSTALL ALL PERIMETER SILT FENCE AND SEDIMENT CONTROL BARRIERS PRIOR TO CLEARING AND GRADING.
2. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
3. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
4. LAND ALTERATION WHICH STRIPS THE LAND OF VEGETATION, INCLUDING RE-GRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION.
5. SEDIMENT LADEN WATER SHALL BE DETAINED BY EROSION CONTROL PRACTICES AS NEEDED TO MINIMIZE SEDIMENTATION IN RECEIVING WATER. NO STORM WATER SHALL BE DISCHARGED FROM THE SITE IN A MANNER THAT CAUSES EROSION AT THE POINT OF DISCHARGE.
6. WASTE AND UNUSED BUILDING MATERIALS SHALL NOT BE ALLOWED TO BE CARRIED FROM THE SITE BY STORM WATER RUNOFF. PROPER DISPOSAL OF ALL WASTE AND UNUSED BUILDING MATERIALS IS REQUIRED.
7. SEDIMENT BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS SHALL BE MINIMIZED. CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE SITE FOR DISPOSAL.
8. SOIL WHICH HAS ACCUMULATED NEXT TO EROSION CONTROL DEVICES SHALL BE COLLECTED AND RE-DISTRIBUTED ON SITE AFTER EACH RAINFALL EVENT, AND AT LEAST ONCE A WEEK.
9. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
10. THE SITE IS NOT LOCATED WITHIN ANY FLOODPLAIN, FLOODWAY OR FLOODWAY FRINGE AS INDICATED ON THE FLOOD INSURANCE RATE MAP (FIRM) FOR HAMILTON COUNTY, IN, MAP NUMBER 18057C0110F, DATED FEBRUARY 19, 2003.
11. SCHEDULE OF EARTHWORK ACTIVITIES:
 - a. THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED AS SOON AS POSSIBLE. UN-VEGETATED AREAS THAT ARE SCHEDULED OR LIKELY TO BE LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE MUST BE TEMPORARILY OR PERMANENTLY STABILIZED WITH MEASURES APPROPRIATE FOR THE SEASON TO MINIMIZE EROSION POTENTIAL. ALTERNATIVE MEASURES TO SITE STABILIZATION ARE ACCEPTABLE IF THE PROJECT SITE OWNER OR THEIR REPRESENTATIVE CAN DEMONSTRATE THEY HAVE IMPLEMENTED EROSION AND SEDIMENT CONTROL MEASURES ADEQUATE TO PREVENT SEDIMENT DISCHARGE.
 - b. TOPSOIL REPLACEMENT SHALL TAKE PLACE FROM MARCH 1 TO OCTOBER 31. STOCKPILE TOPSOIL AT ALL OTHER TIMES OF THE YEAR. PERMANENT AND FINAL VEGETATION AND STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING OR AS SOON AS POSSIBLE.
 - c. INSTALL INLET PROTECTION AROUND INLETS IMMEDIATELY UPON COMPLETION OF THE STRUCTURE. REMOVE INLET PROTECTION FOR PAVING OPERATION. REPLACE INLET PROTECTION AFTER PAVING IS COMPLETE. INLET PROTECTION SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED ON SEEDED AREAS BEHIND THE CURB.
15. PRIOR TO COMPLETION OF THE PROJECT, CONTRACTOR SHALL CLEAN OUT ALL STORM DRAINAGE STRUCTURES AND RESTORE ALL DITCHES AND PONDS TO DESIGNED GRADES.
16. CONTRACTOR SHALL REMOVE ALL SEDIMENT CONTROL BARRIERS ONCE CONSTRUCTION IS COMPLETE AND THE SITE HAS BEEN STABILIZED.



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GRAND PARK INDOOR SPORTS ARENA

WESTFIELD, IN



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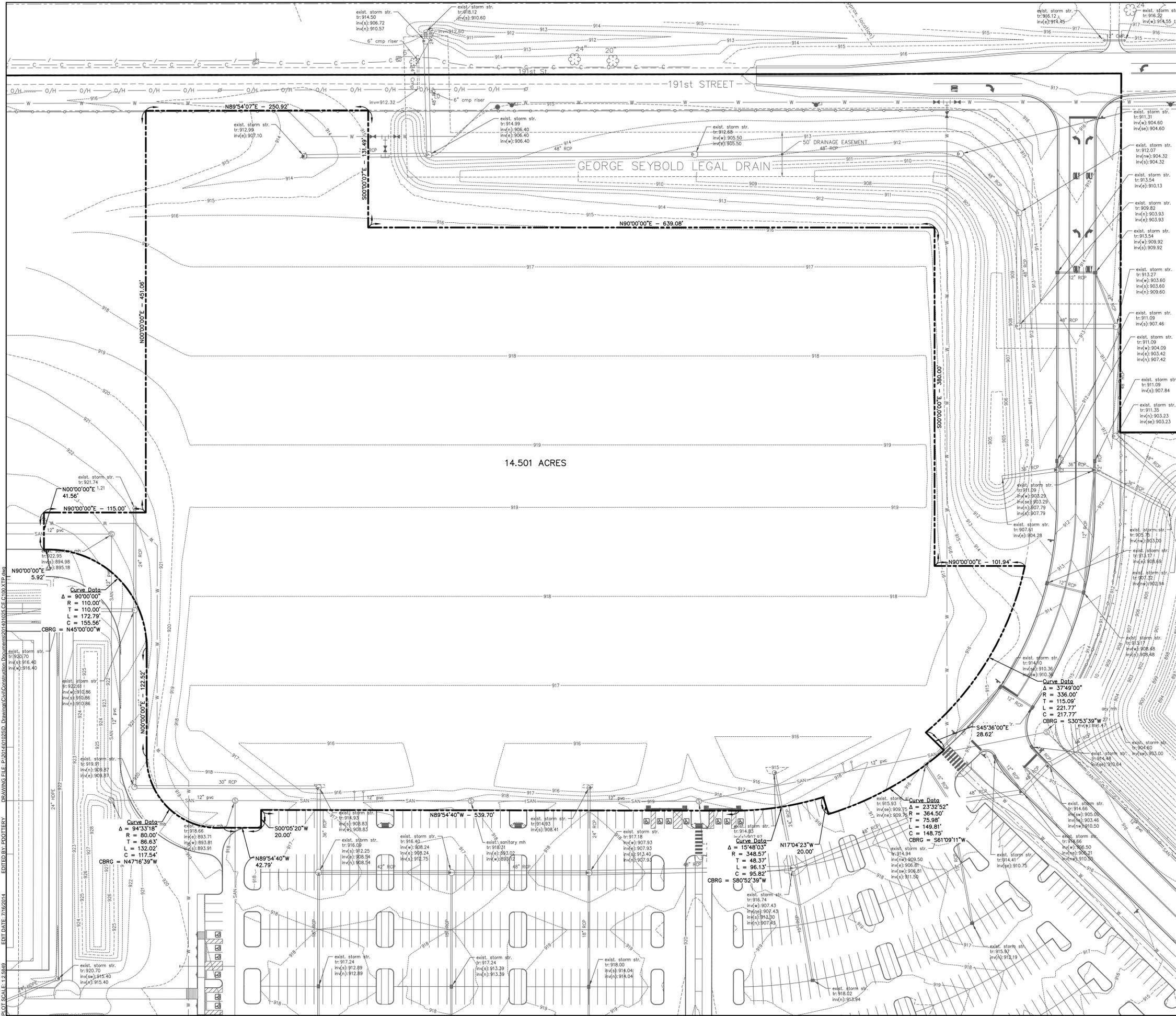
ISSUANCE INDEX	
DATE:	07/16/2014
PROJECT PHASE:	DESIGN DEVELOPMENT

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

Project Number 2014.01025

GENERAL NOTES

C002



SCALE: 1"=50'

EXISTING LEGEND

- Spot Elevation
- Power Pole
- Light Pole
- Guy Wire
- Mag Nail Found
- Rebar Found
- Iron Pin
- Sign
- Cable Box
- Air Conditioning Unit
- Tree
- Pine Tree
- Mailbox
- Fence Post
- Fiberoptic Manhole
- Gas Marker
- Electric Box
- Telephone Pedestal
- Electric Meter
- O/H Overhead Electric
- C Cable Service
- G Gas Main
- F Fence

INDOOR SOCCER FACILITY
GRAND PARK
WESTFIELD, INDIANA
7.15.2014

A PART OF THE SOUTHEAST QUARTER OF SECTION 26, TOWNSHIP 19 NORTH, RANGE 3 EAST, HAMILTON COUNTY, INDIANA, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF SAID QUARTER SECTION; THENCE SOUTH 89 DEGREES 54 MINUTES 07 SECONDS WEST 1,196.82 FEET ALONG THE NORTH LINE OF SAID QUARTER SECTION; THENCE SOUTH 00 DEGREES 00 MINUTES 07 SECONDS EAST 40.00 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE SOUTH 00 DEGREES 00 MINUTES 07 SECONDS EAST 131.44 FEET, THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST 639.08 FEET; THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST 380.00 FEET; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST 101.94 FEET; THENCE SOUTHWESTERLY 221.77 FEET ALONG AN ARC TO THE RIGHT HAVING A RADIUS OF 336.00 FEET AND SUBTENDED BY A LONG CHORD HAVING A BEARING OF SOUTH 30 DEGREES 53 MINUTES 39 SECONDS WEST AND A LENGTH OF 217.77 FEET; THENCE SOUTH 45 DEGREES 36 MINUTES 00 SECONDS EAST 28.62 FEET; THENCE SOUTHWESTERLY 149.81 FEET ALONG AN ARC TO THE RIGHT HAVING A RADIUS OF 348.57 FEET AND SUBTENDED BY A LONG CHORD HAVING A BEARING OF SOUTH 80 DEGREES 52 MINUTES 11 SECONDS WEST AND A LENGTH OF 148.75 FEET; THENCE NORTH 17 DEGREES 04 MINUTES 23 SECONDS WEST 20.00 FEET; THENCE WESTERLY 96.13 FEET ALONG AN ARC TO THE RIGHT HAVING A RADIUS OF 348.57 FEET AND SUBTENDED BY A LONG CHORD HAVING A BEARING OF SOUTH 80 DEGREES 52 MINUTES 11 SECONDS WEST AND A LENGTH OF 95.82 FEET; THENCE NORTH 89 DEGREES 54 MINUTES 39 SECONDS WEST 539.70 FEET; THENCE SOUTH 00 DEGREES 05 MINUTES 20 SECONDS WEST 20.00 FEET; THENCE NORTH 89 DEGREES 54 MINUTES 40 SECONDS WEST 42.79 FEET; THENCE NORTHWESTERLY 132.02 FEET ALONG AN ARC TO THE LEFT HAVING A RADIUS OF 110.00 FEET AND SUBTENDED BY A LONG CHORD HAVING A BEARING OF NORTH 45 DEGREES 00 MINUTES 00 SECONDS WEST AND A LENGTH OF 155.56 FEET; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS WEST 5.92 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST 41.56 FEET; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST 115.00 FEET; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST 1.21 FEET TO THE POINT OF BEGINNING AND CONTAINING 14.501 ACRES, MORE OR LESS.



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ISSUANCE INDEX

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REVISION SCHEDULE

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EXISTING TOPOGRAPHY

C100

CAUTION !!
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811 OR 1-800-382-5544
CALL TOLL FREE
- INDIANA UNDERGROUND -

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GRAND PARK INDOOR SPORTS ARENA

WESTFIELD, IN

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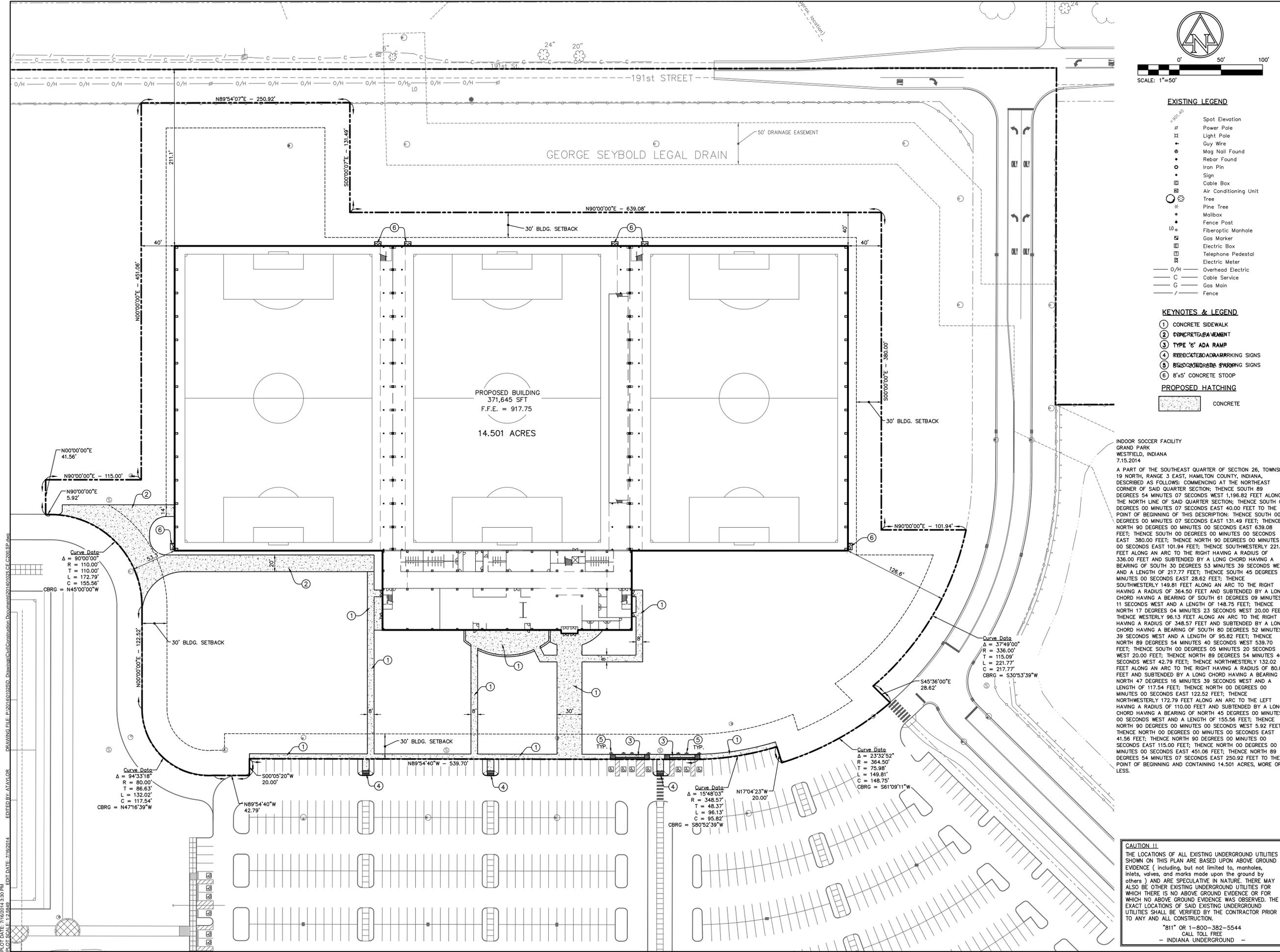
REVISION SCHEDULE

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Project Number 2014.01025

SITE PLAN

C200



SCALE: 1"=50'

EXISTING LEGEND

- Spot Elevation
- Power Pole
- Light Pole
- Guy Wire
- Mag Nail Found
- Rebar Found
- Iron Pin
- Sign
- Cable Box
- Air Conditioning Unit
- Tree
- Pine Tree
- Mailbox
- Fence Post
- Fiberoptic Manhole
- Gas Marker
- Electric Box
- Telephone Pedestal
- Electric Meter
- O/H Overhead Electric
- C Cable Service
- G Gas Main
- F Fence

KEYNOTES & LEGEND

- 1 CONCRETE SIDEWALK
- 2 CONCRETE ADA RAMP
- 3 TYPE 'B' ADA RAMP
- 4 REEBOCATED ADA PARKING SIGNS
- 5 REEBOCATED ADA PARKING SIGNS
- 6 8'x5' CONCRETE STOOP

PROPOSED HATCHING

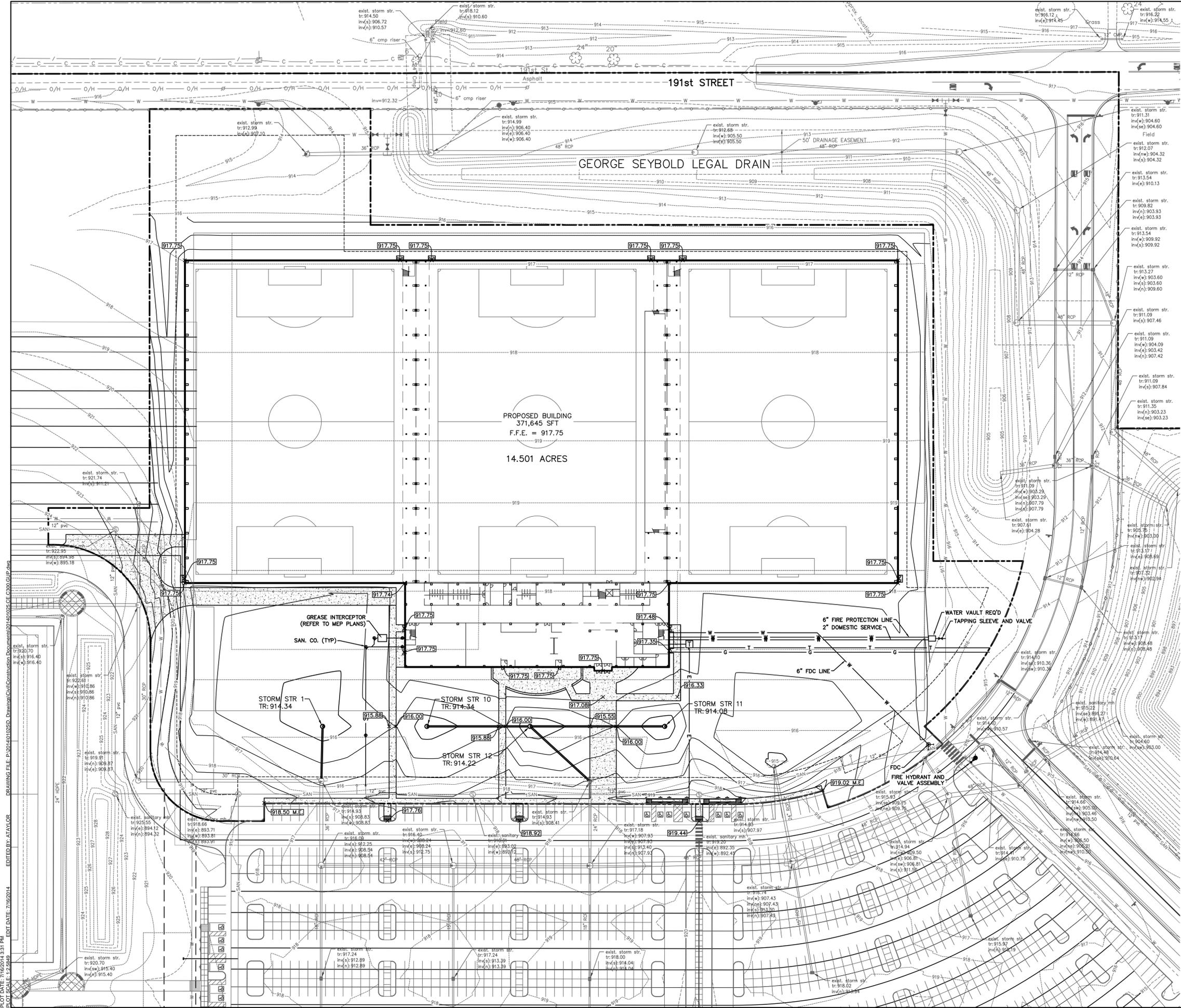
- CONCRETE

INDOOR SOCCER FACILITY
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SCALE: 1"=50'

EXISTING LEGEND

- Spot Elevation
- ⊕ Power Pole
- ⊕ Light Pole
- ⊕ Guy Wire
- ⊕ Mag Nail Found
- ⊕ Rebar Found
- ⊕ Iron Pin
- ⊕ Sign
- ⊕ Cable Box
- ⊕ Air Conditioning Unit
- ⊕ Tree
- ⊕ Pine Tree
- ⊕ Mailbox
- ⊕ Fence Post
- ⊕ Fiberoptic Manhole
- ⊕ Gas Marker
- ⊕ Electric Box
- ⊕ Telephone Pedestal
- ⊕ Electric Meter
- O/H — Overhead Electric
- C — Cable Service
- G — Gas Main
- / — Fence

PROPOSED GRADING LEGEND

- M.E. MATCH EXISTING
- EP EDGE OF PAVEMENT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- 000 — CONTOURS
- ··· — FLOW LINE
- TC 000.50 / BC 000.00 CURB ELEVATIONS
- 000.00 SPOT ELEVATIONS

PROPOSED UTILITY LEGEND

- SS — SANITARY SEWER LINE
- G — GAS LINE
- E — ELECTRIC LINE
- T — TELEPHONE LINE
- W — WATER LINE
- GM — GAS METER
- ⊕ ELECTRICAL TRANSFORMER
- ⊕ VALVE
- ⊕ WATER METER PIT
- ⊕ HYDRANT
- ⊕ MANHOLE

PROPOSED BUILDING
371,645 SFT
F.F.E. = 917.75
14.501 ACRES

GREASE INTERCEPTOR
(REFER TO MEP PLANS)
SAN. CO. (TYP)

6" FIRE PROTECTION LINE
2" DOMESTIC SERVICE

WATER VAULT REQ'D
TAPPING SLEEVE AND VALVE

6" FDC LINE

FDC
FIRE HYDRANT AND
VALVE ASSEMBLY

STORM STR 1
TR: 914.34

STORM STR 10
TR: 914.34

STORM STR 11
TR: 914.06

STORM STR 12
TR: 914.22

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GRAND PARK INDOOR SPORTS ARENA

WESTFIELD, IN

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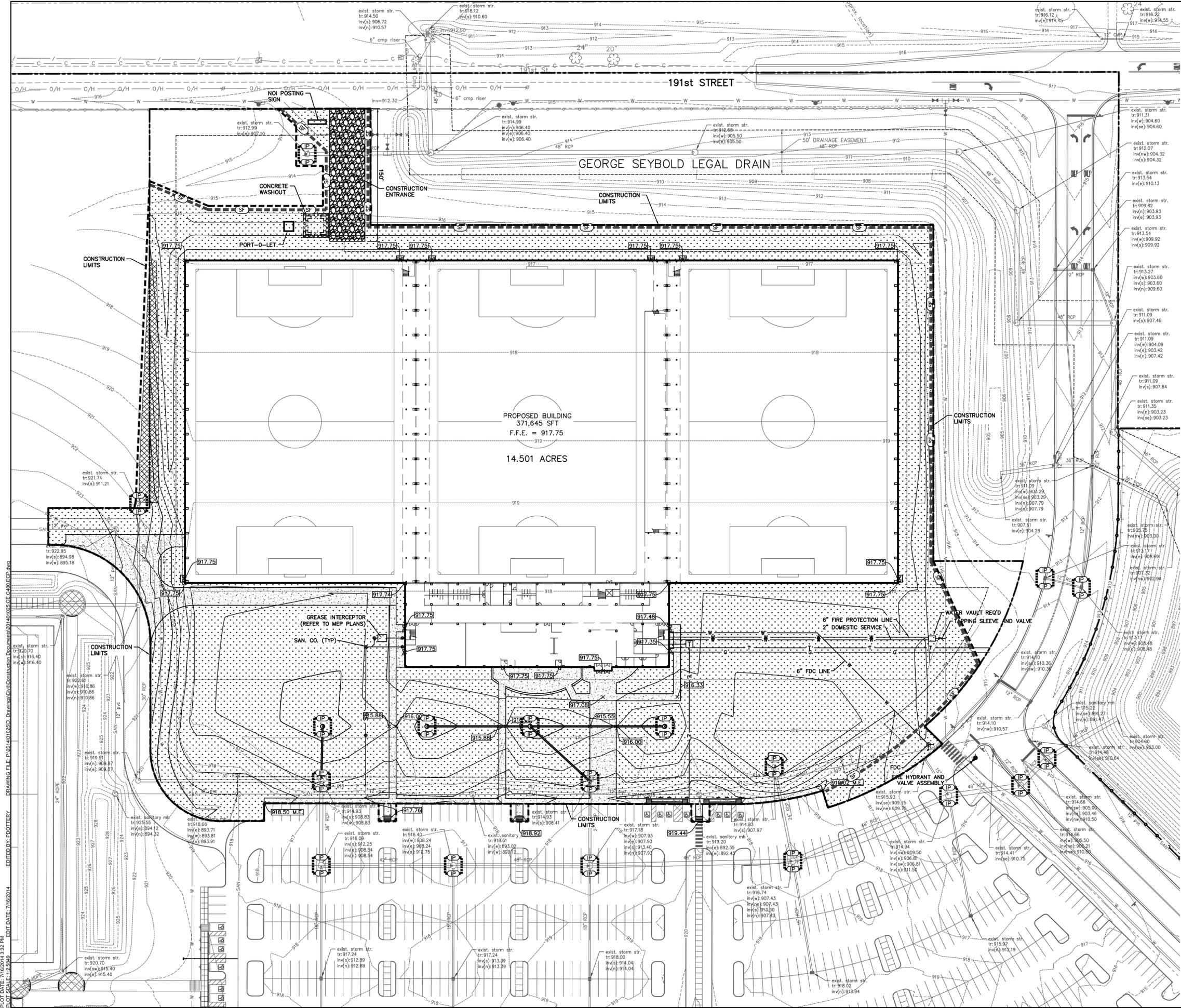
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GRADING / UTILITY PLAN

C300

CAUTION !!
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. 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.
811 OR 1-800-382-5544
CALL TOLL FREE
- INDIANA UNDERGROUND -



SCALE: 1"=50'

EXISTING LEGEND

- Spot Elevation
- Power Pole
- Light Pole
- Guy Wire
- Mag Nail Found
- Rebar Found
- Iron Pin
- Sign
- Cable Box
- Air Conditioning Unit
- Tree
- Pine Tree
- Mailbox
- Fence Post
- Fiberoptic Manhole
- Gas Marker
- Electric Box
- Telephone Pedestal
- Electric Meter
- Overhead Electric
- Cable Service
- Gas Main
- Fence

PROPOSED EROSION CONTROL LEGEND

- SILT FENCE
- INLET PROTECTION
- EROSION CONTROL BLANKET
- SEEDING
- GRAVEL CONSTRUCTION ENTRANCE
- M.E. MATCH EXISTING
- EP EDGE OF PAVEMENT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- CONTOURS
- FLOW LINE
- CURB ELEVATIONS
- SPOT ELEVATIONS

GRAND PARK INDOOR SPORTS ARENA

WESTFIELD, IN

APPROVAL PENDING
NOT FOR CONSTRUCTION

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ISSUANCE INDEX

DATE:	07/16/2014
PROJECT PHASE:	DESIGN DEVELOPMENT

REVISION SCHEDULE

NO.	DESCRIPTION	DATE

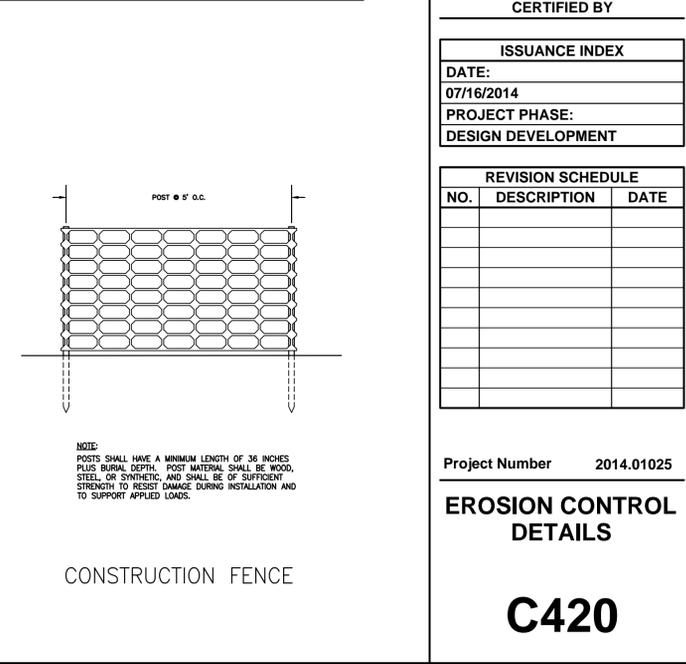
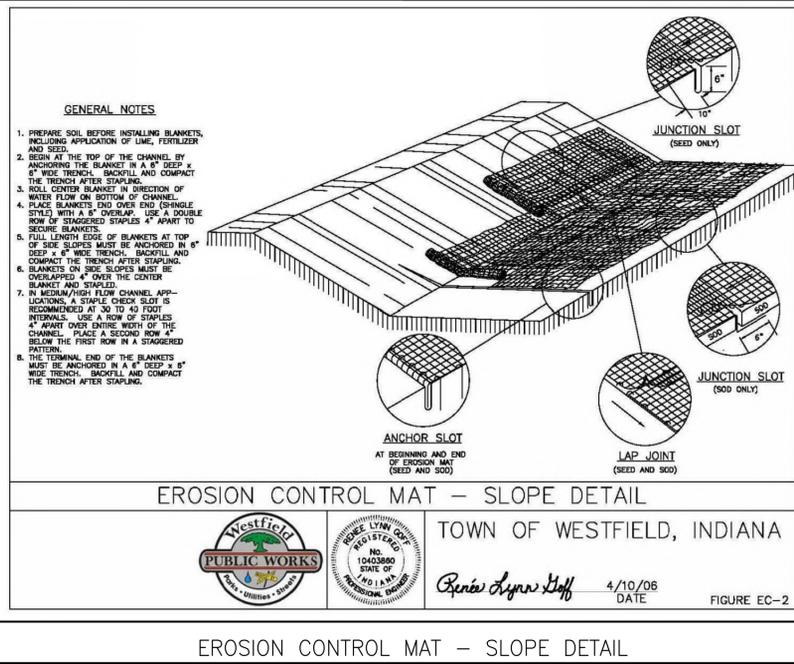
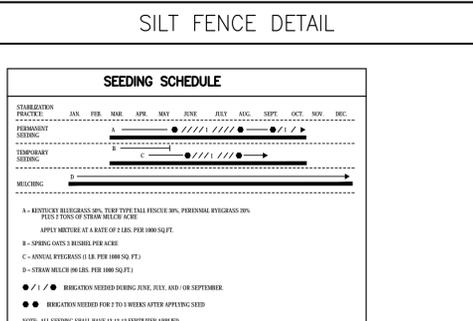
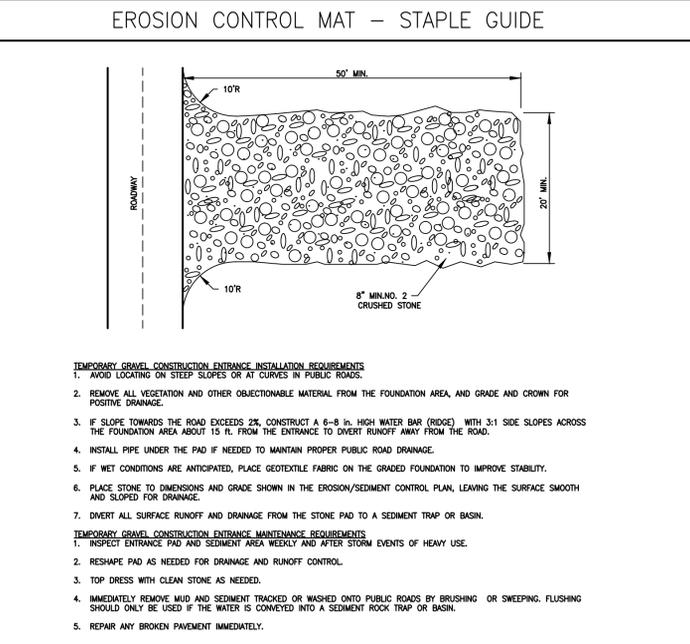
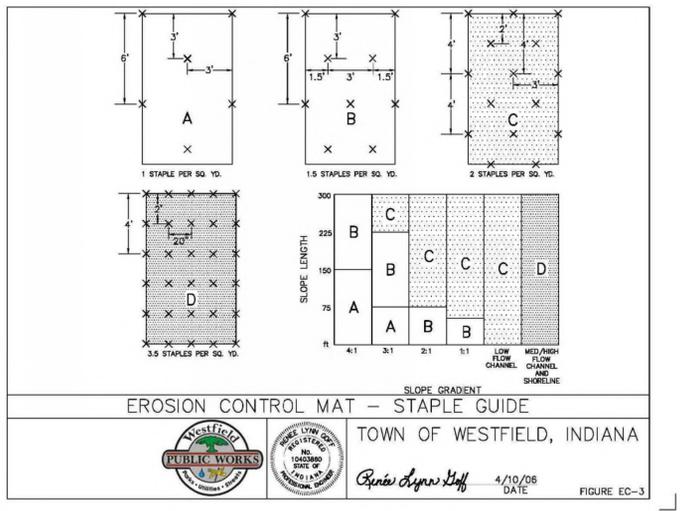
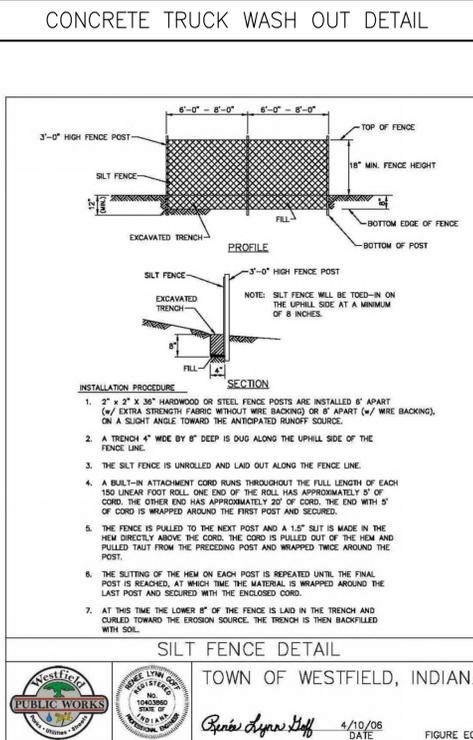
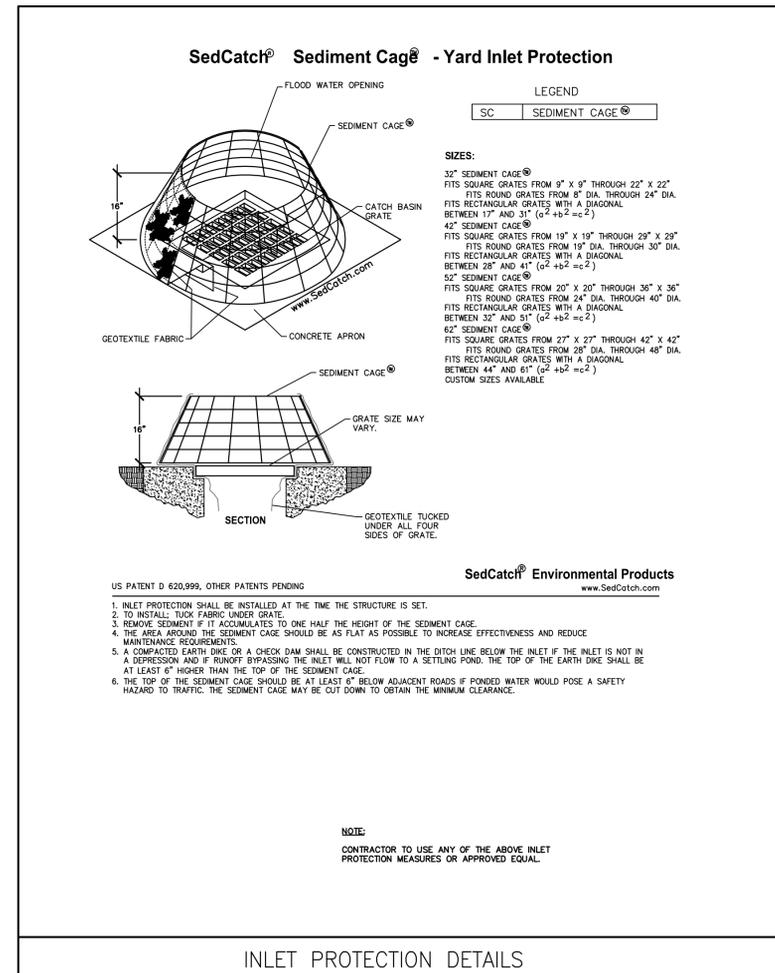
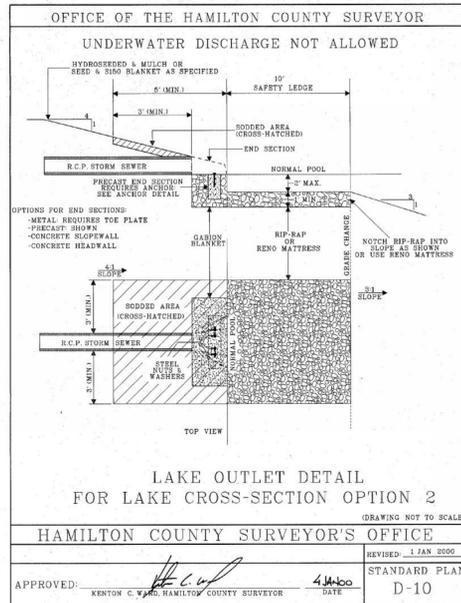
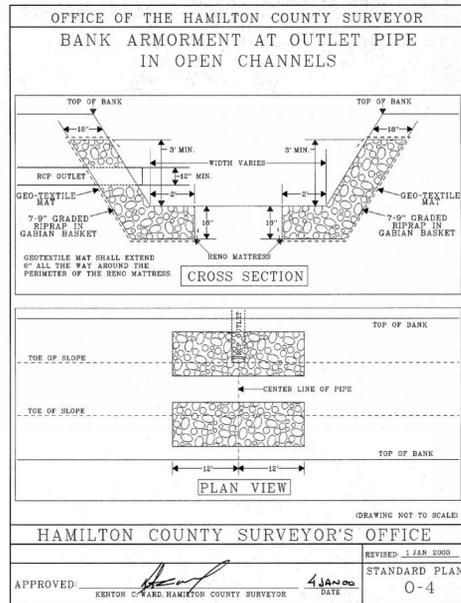
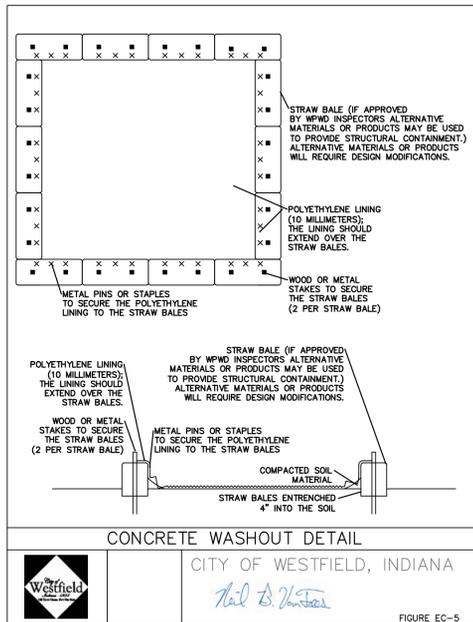
Project Number 2014.01025

EROSION CONTROL PLAN

C400

CAUTION !!
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. 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.
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- INDIANA UNDERGROUND -

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EDIT DATE: 7/16/2014
EDITED BY: POTTITERY



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ISSUANCE INDEX		
DATE:	07/16/2014	
PROJECT PHASE:	DESIGN DEVELOPMENT	
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

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EDIT DATE: 7/16/2014

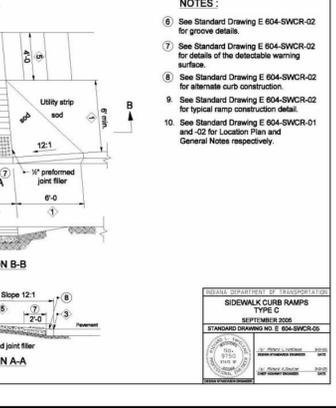
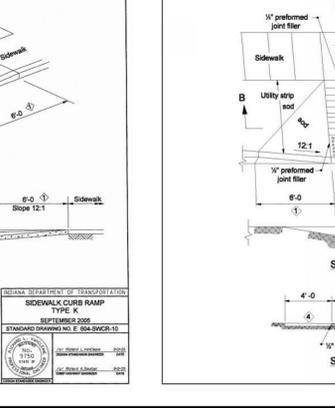
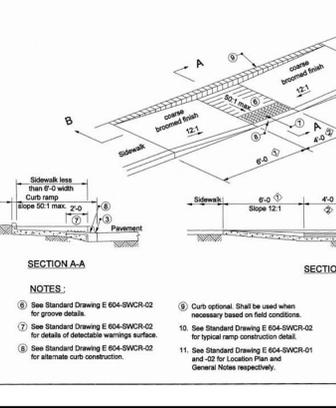
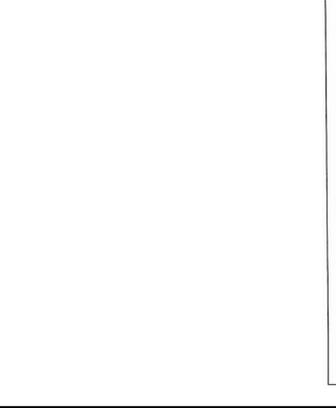
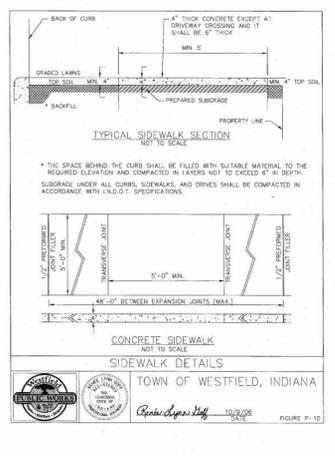
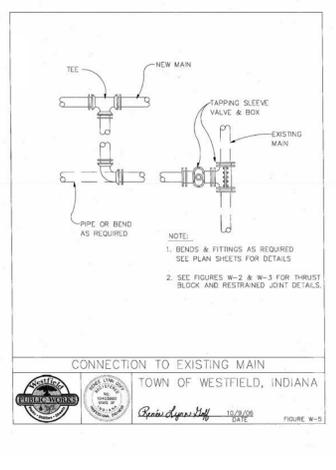
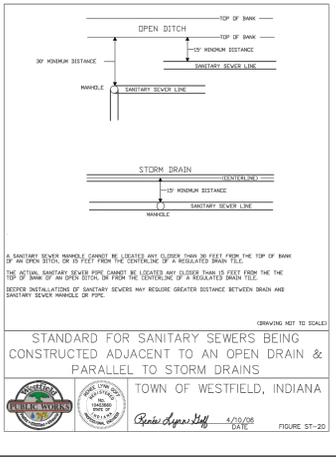
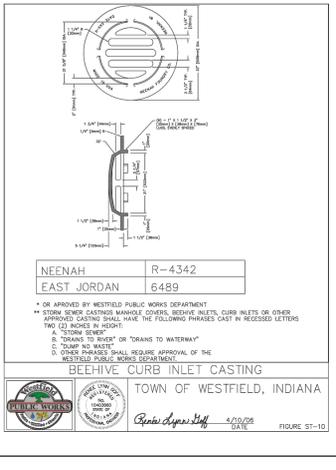
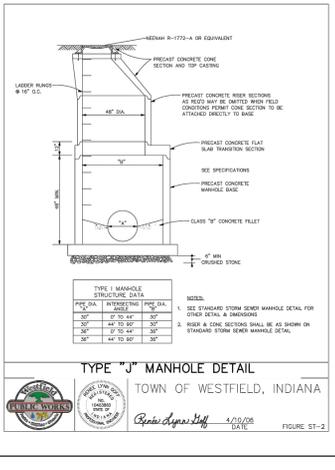
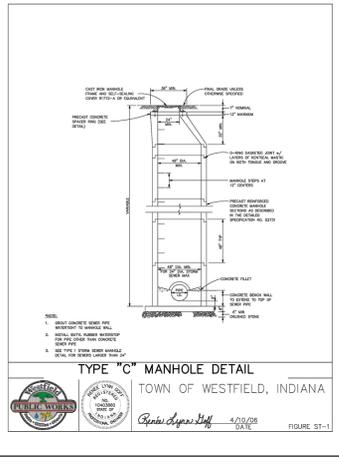
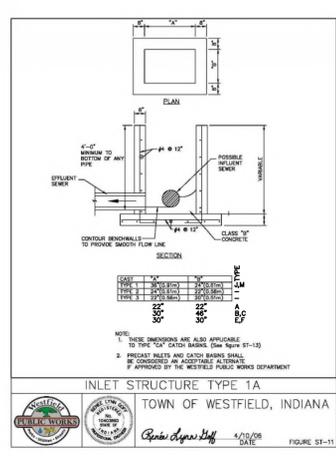
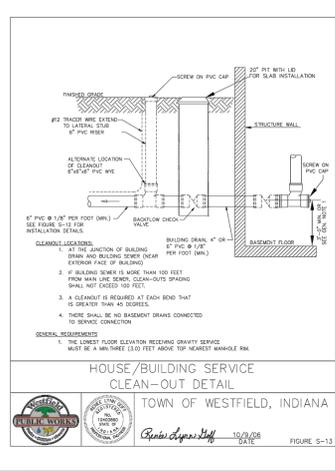
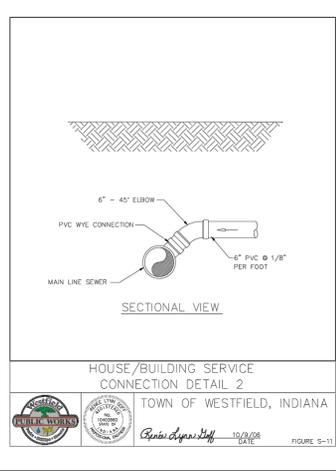
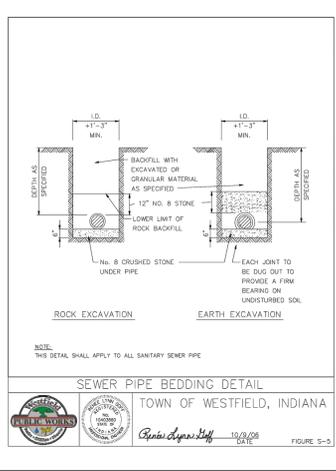
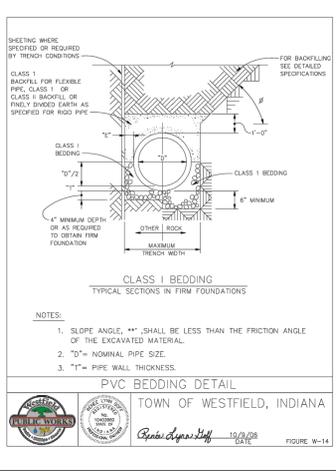
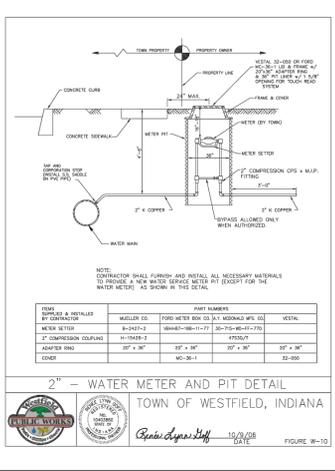
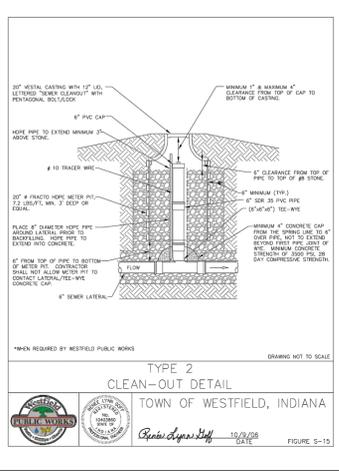
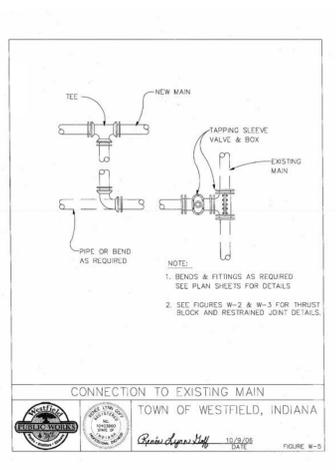
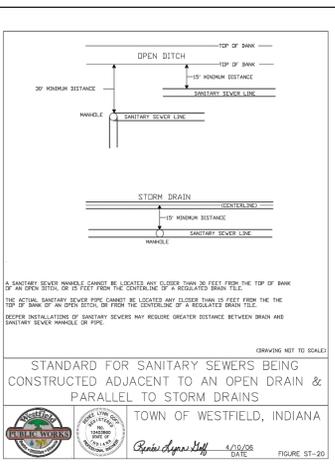
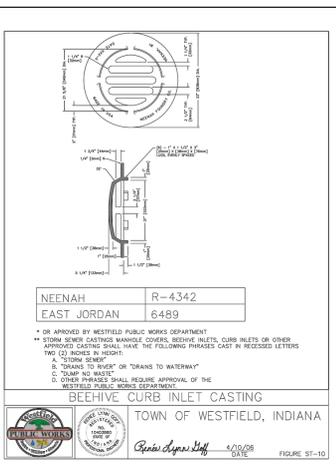
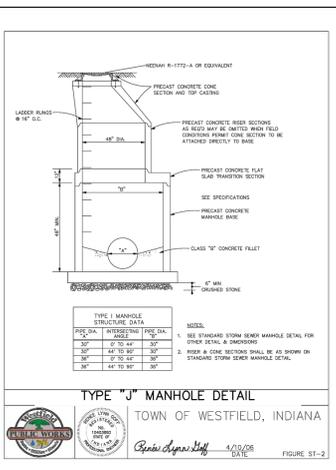
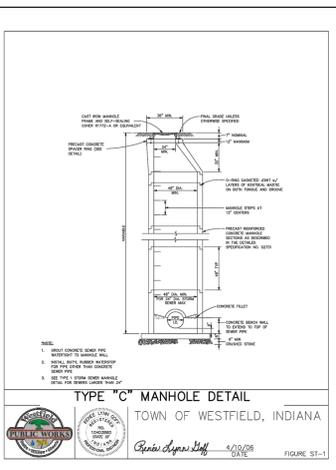
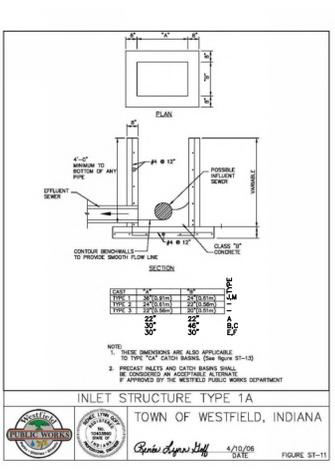
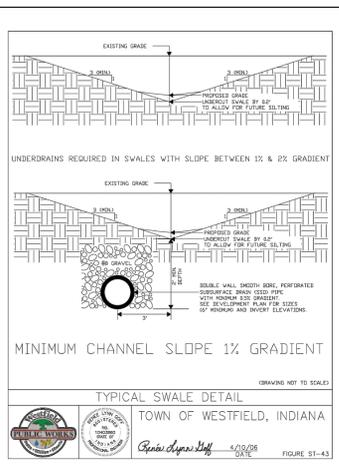
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ISSUANCE INDEX

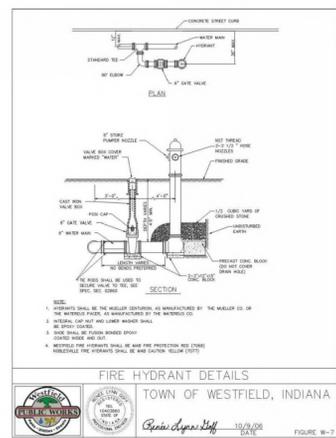
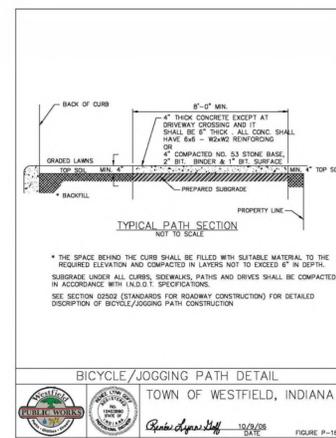
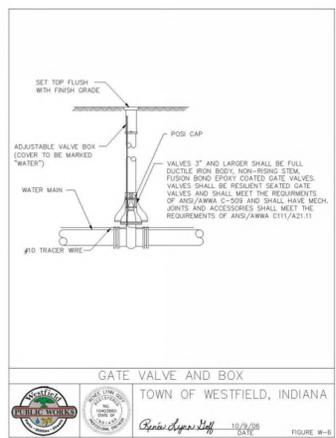
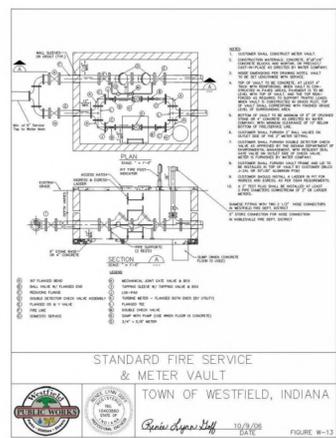
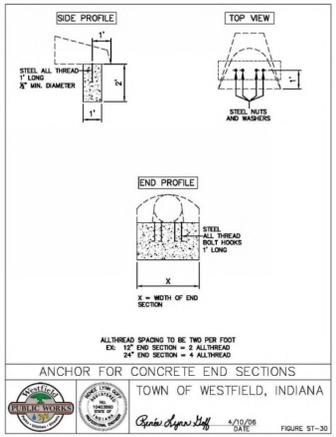
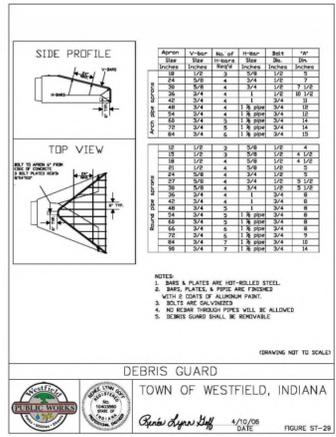
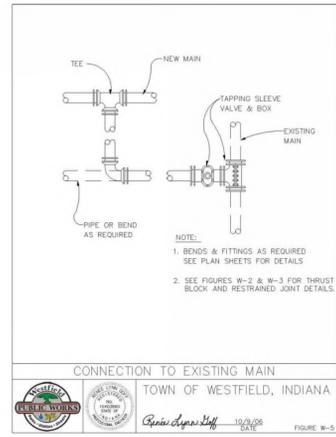
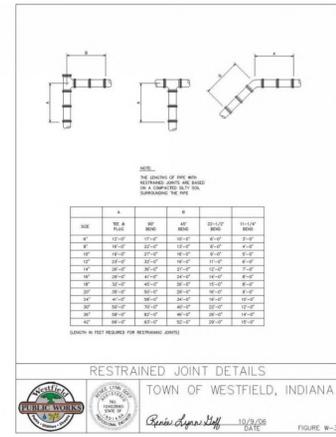
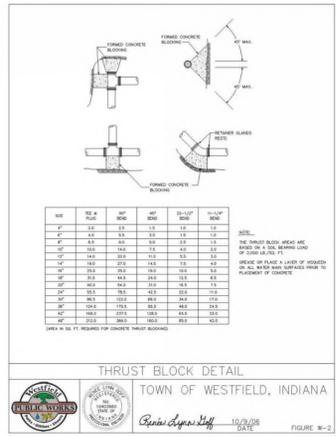
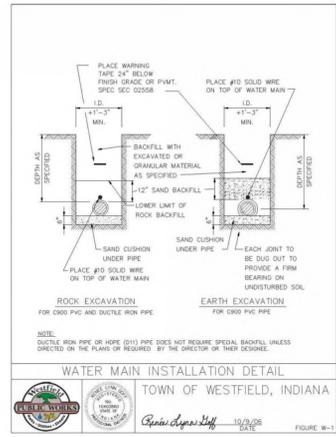
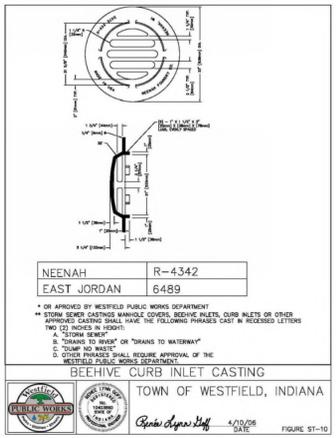
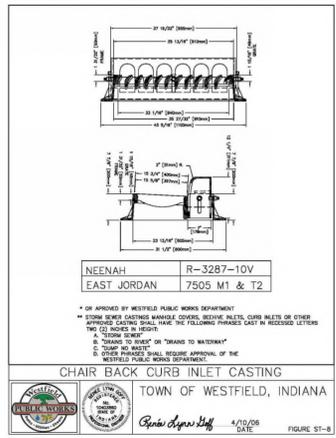
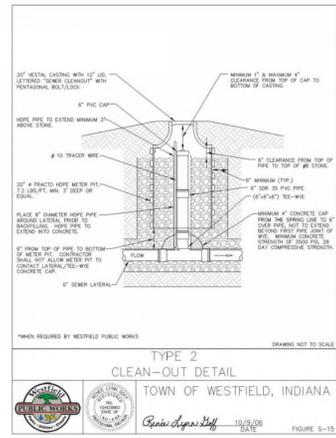
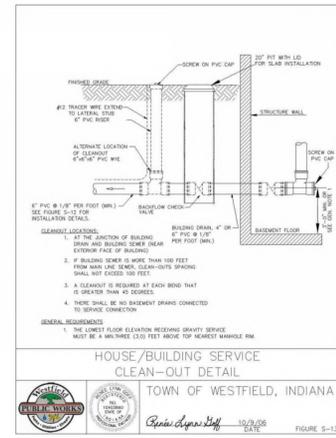
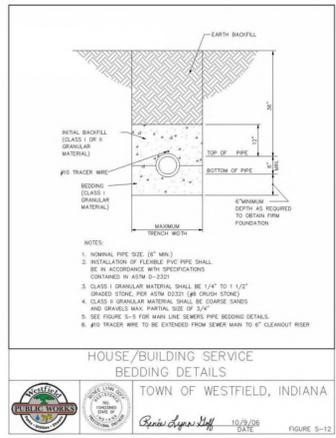
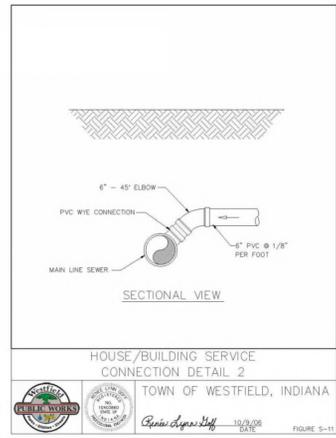
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REVISION SCHEDULE

NO.	DESCRIPTION	DATE

Project Number 20

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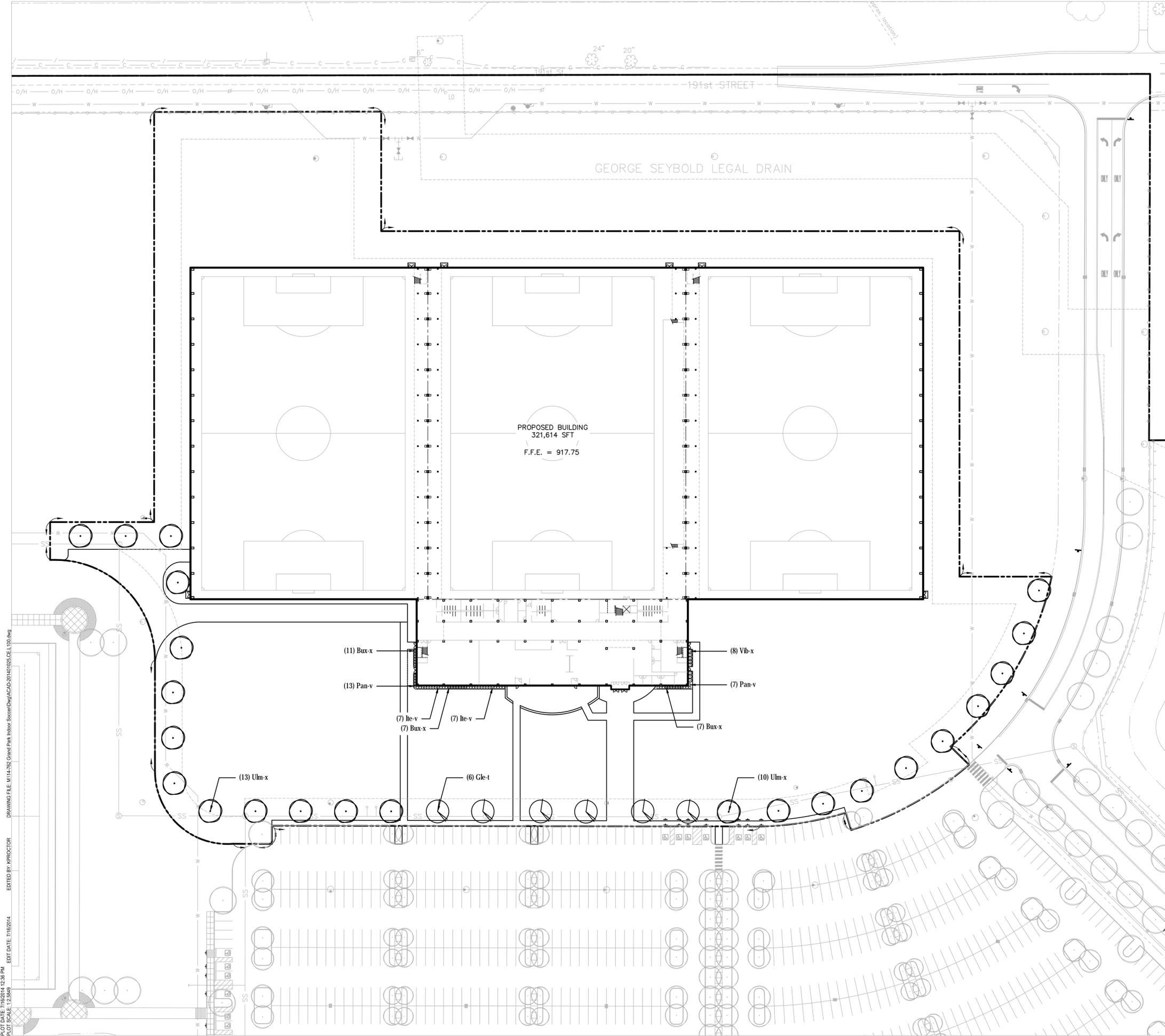


GRAND PARK INDOOR SPORTS ARENA
 WESTFIELD, IN

APPROVAL PENDING
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ISSUANCE INDEX		
DATE:	07/16/2014	
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REVISION SCHEDULE		
NO.	DESCRIPTION	DATE



GENERAL LANDSCAPE AND PLANTING NOTES

- Plant material to be installed and maintained by a qualified and experienced landscape installer.
- All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. Stake all plant locations for review and approval by the Landscape Architect before planting. On-site adjustments may be required. Plants are to be freshly dug. Transporting of plants shall be done in a manner as to not destroy the natural shape, compromise the health, or alter the characteristics of plant materials.
- Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule.
- All plant beds shall receive 3" minimum of genuine shredded hardwood bark mulch (unless otherwise noted). Apply pre-emergent herbicide as directed by the manufacturer prior to installing mulch. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or other treatment.
- The Contractor shall install and/or amend topsoil in all proposed bed areas to meet ASTM D5268 standards. Landscaper shall verify depth and quality of topsoil prior to plant installation. A minimum of 4" of topsoil is required for lawn areas; 12" for plant beds. Topsoil sources shall include the reuse of surface soil stockpiled on site, clean of roots, plants, sod, stones, clay lumps, and other extraneous or foreign materials larger than 1". Supplement with imported topsoil from off-site sources when quantities are insufficient. Do not obtain supplemental topsoil from agricultural land, bogs, or marshes. Inorganic amendments, organic amendments, and fertilizers shall be used to amend topsoil as needed for long-term plant health.
- Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to satisfaction of the Owner and Operating Authority at no additional cost.
- Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work. All workmanship and materials shall be guaranteed by the Contractor for a period of one (1) calendar year after Final Acceptance.
- Maintain all plant material for a three (3) month period from date of Substantial Completion. Maintenance shall include pruning, cultivating, watering, weeding, fertilizing, restoring plant saucers, spraying for disease and insects, and replacing tree wrappings. Recommended long-term maintenance procedures shall be provided to the Owner before expiration of this period.
- Satisfactory Seeded Lawn: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 3 by 3 inches. Reestablish lawns that do not comply with requirements and continue maintenance until lawns are fully satisfactory to the Owner.



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DATE:	07/16/2014
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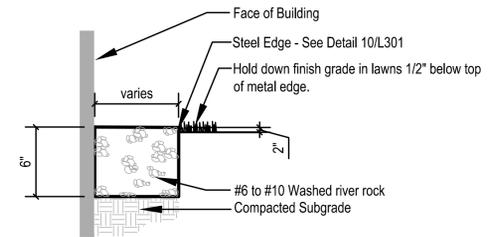
Project Number 2014.01025

LANDSCAPE PLAN

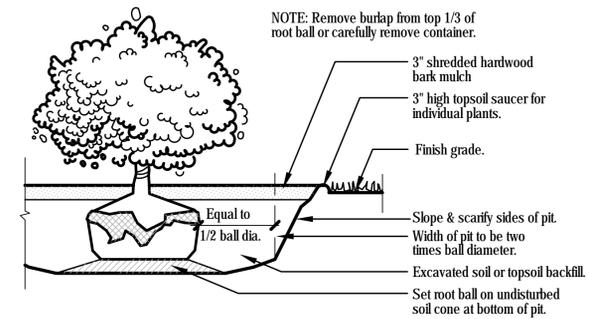
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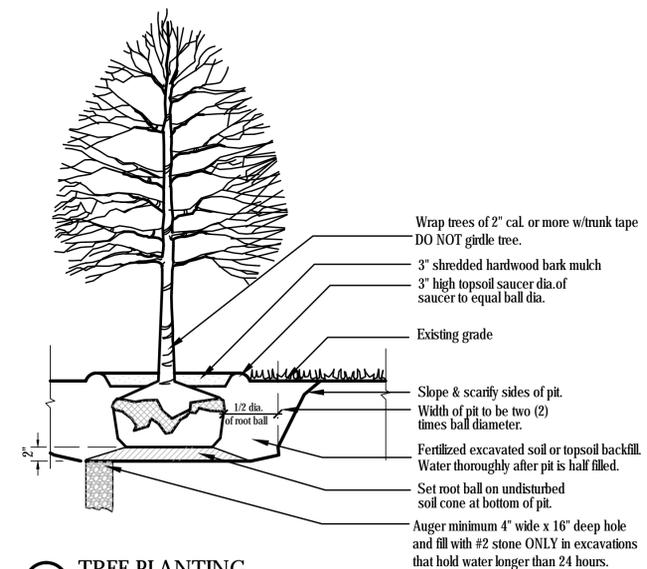
PLANT SCHEDULE					
Symbol	Botanical Name	Common Name	Size	Container	Notes
CANOPY TREES					
Gle-t	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honeylocust	1.5" cal.	B&B	symmetrical, matched, strong central leader
Ulm-x	Ulmus x 'Princeton'	Princeton Elm	1.5" cal.	B&B	symmetrical, matched, strong central leader
SHRUBS					
Bux-x	Buxus x koreana 'Green Mountain'	Green Mountain Boxwood	24" ht.	container	space @ 3'-0" o.c.
Ite-v	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	24" ht.	container	space @ 3'-0" o.c., allow to mass
Vib-x	Viburnum x juddii	Judd Viburnum	24" ht.	container	space @ 4'-0" o.c., allow to mass
GROUNDCOVERS, PERENNIALS AND GRASSES					
Pan-v	Panicum virgatum 'Cloud Nine'	Cloud Nine Switch Grass	24" ht., min.	pot	space @ 3'-0" o.c.



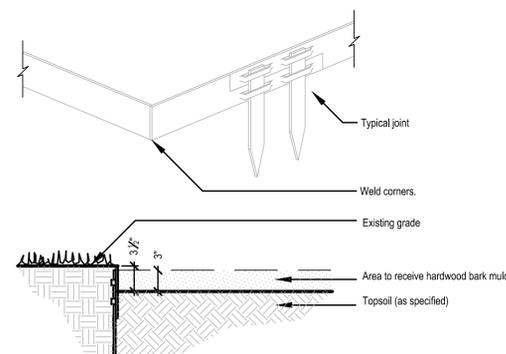
MOW STRIP
Not to Scale



SHRUB PLANTING
Not to Scale



TREE PLANTING
Not to Scale



STEEL EDGE
Not to Scale

GRAND PARK INDOOR SPORTS ARENA

WESTFIELD, IN



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ISSUANCE INDEX

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LANDSCAPE DETAILS

L101