

KEYNOTE	DETAIL	SHEET
1	PAVERS, NON-VEHICULAR	C601
2	PAVERS, ADA RIBBED	C601
3	PAVERS, CUSTOM ENGRAVED	C601
4	CONCRETE SIDEWALK	C601
5	CONCRETE CURB	C601
6	PAVER RESTRAINT BAND, CONCRETE	C601
7	STAGE STEPS	C603
8	DECORATIVE RAILING	C603
9	SEATWALL, CONCRETE	C603
10	COLUMN	C603
11	RETAINING WALL, CONCRETE	C603
12	BENCH	C602
13	TRASH RECEPTACLE	C602
14	RECYCLING RECEPTACLE	C602
15	PLANTER, FREE-STANDING	C602
16	TREE GRATE	C603
17	NOT USED	-
18	SOCIAL SEATING - TABLE	C602
19	SOCIAL SEATING - BENCH	C602
20	SOCIAL SEATING - SEAT	C602
21	NOT USED	-
22	NOT USED	-
23	NOT USED	-
24	LANDSCAPE/LAWN	SEE LANDSCAPE PLANS SHEET L201
25	STAGE FEATURE	SEE DESIGN FEATURES SHEET C603
26	SCULPTURE FEATURE	SEE DESIGN FEATURES SHEET C603
27	FOUNTAIN FEATURE	SEE DESIGN FEATURES SHEET C603
28	DECORATIVE LIGHT POLE	SEE DESIGN FEATURES SHEET C603

GEOMETRIC LAYOUT NOTES:

- NORTHING AND EASTING COORDINATES AND BEARINGS OF INDICATED LINES ON THIS PLAN ARE BASED ON A SURVEY CONTROL NETWORK ESTABLISHED BY A SURVEY PREPARED BY:
 SURVEYOR
 ADDRESS
 ADDRESS
 PHONE
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONSTRUCTION LINE AND GRADE TO ENSURE ACCURATE LAYOUT OF SITE IMPROVEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTS. ANY PROPERTY CORNER MONUMENT DISTURBED OR DESTROYED DURING CONSTRUCTION ACTIVITY SHALL BE REPLACED BY AN INDIANA LICENSED SURVEYOR AT CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING BENCHMARKS. IF BENCHMARKS ARE TO BE DISTURBED OR REMOVED AS PART OF THE DEMOLITION PLAN ACTIVITY, CONTRACTOR SHALL HAVE AN INDIANA LICENSED SURVEYOR ESTABLISH ANOTHER BENCHMARK AT A LOCATION OUT OF HARM'S WAY.
- ANY DISCREPANCIES IN LAYOUT DIMENSIONS SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH WORK AT THAT LOCATION.

SITE IMPROVEMENT NOTES:

- ALL EXCAVATED TRENCHES UNDER PROPOSED PAVED AREAS INCLUDING SIDEWALKS SHALL BE BACKFILLED WITH GRANULAR MATERIAL PER INDOT STANDARD SPECIFICATIONS, SECTION 211, AND COMPACTED IN LIFTS. GRANULAR MATERIAL SHALL EXTEND 5 FEET BEYOND THE LIMITS OF THE PAVEMENT AT THE SURFACE WITH A 1:1 SLOPE OUTWARD TO THE BOTTOM OF THE TRENCH.
- WHERE NECESSARY, UTILITY SERVICE CONDUITS SHALL BE INSTALLED UNDER PAVED AREAS AND BACKFILLED AS SPECIFIED ABOVE BEFORE PAVEMENT IS CONSTRUCTED. COORDINATE CONDUIT REQUIREMENTS WITH UTILITY COMPANIES AND MECHANICAL CONTRACTORS.
- FOLLOWING THE COMPLETION OF ALL UNDERGROUND WORK IN PAVED AREAS, AGGREGATE BASE SHALL BE APPLIED AND COMPACTED TO THE THICKNESS INDICATED ON THE APPROPRIATE PAVEMENT DESIGN DETAIL. COMPACT BASE COURSE AT OPTIMUM MOISTURE CONTENT TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D-1557. WHEN THICKNESS OF COMPACTED BASE EXCEEDS 6 INCHES, PLACE MATERIALS IN EQUAL LAYERS, WITH NO LAYER MORE THAN 6 INCHES OR LESS THAN 3 INCHES THICK WHEN COMPACTED. COMPACT WITH A MEDIUM WEIGHT SMOOTH WHEELED ROLLER OR EQUIVALENT. ALONG CURBS, WALLS AND ALL LOCATIONS NOT ACCESSIBLE TO THE ROLLER, COMPACT AGGREGATE BASE WITH HAND OPERATED TAMPERS.
- BITUMINOUS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH INDOT STANDARD SPECIFICATIONS, SECTION 400. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH INDOT STANDARD SPECIFICATIONS, SECTION 500. SEE CONSTRUCTION DETAILS FOR PAVEMENT DESIGN INFORMATION.
- THE CONNECTION OF NEW PAVEMENT TO EXISTING PAVEMENT IN THE PARKING LOTS AND DRIVEWAYS SHALL MATCH EXISTING GRADES AND PROFILES. A LAP JOINT IS REQUIRED FOR CONNECTIONS BETWEEN EXISTING AND PROPOSED BITUMINOUS PAVEMENTS.
- ALL PAVEMENT STRIPINGS WITHIN THE PROJECT SITE SHALL BE WITH CHLORINATED-RUBBER BASE TRAFFIC LANE MARKING PAINT, FACTORY MIXED, QUICK DRYING, AND NON-BLEEDING. APPLY PAINT WITH MECHANICAL EQUIPMENT AND/OR STENCILS TO PRODUCE CLEAN, STRAIGHT AND UNIFORM EDGES. APPLY AT MANUFACTURER'S RECOMMENDED RATES TO PRODUCE A MINIMUM 12 TO 15 MILS DRY THICKNESS.
- PORTLAND CEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-150. ONLY ONE BRAND AND MANUFACTURER OF APPROVED CEMENT SHALL BE USED FOR ANY ONE STRUCTURE. REGULAR FINE AND COARSE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-33. ALL WATER USED SHALL BE POTABLE, CLEAN AND FREE FROM OILS, ACIDS, ALKALIS, ORGANIC MATERIAL OR OTHER SUBSTANCES THAT MAY BE DELETERIOUS TO CONCRETE OR STEEL.
- REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60. WELDED WIRE FABRIC OR WIRE MESH SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-185. REINFORCEMENT SHALL BE CUT AND BENT IN ACCORDANCE WITH ACI 315. COMPLY WITH ARSI RECOMMENDED PRACTICE "PLACING REINFORCING BARS" FOR PLACING AND SUPPORTING REINFORCEMENT.
- ALL CONCRETE USED ON THIS PROJECT SHALL BE CLASS A STRUCTURAL CONCRETE WITH A 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI, 6-1/2 BAGS, 2 TO 4 INCH SLUMP RANGE, 5% TO 8% AIR CONTENT. CLASS A CONCRETE SHALL BE PROPORTIONED IN ACCORDANCE WITH ACI 211.1. ALL READY MIXED CONCRETE SHALL BE MIXED, DELIVERED, AND PLACED IN ACCORDANCE WITH ASTM C-94.
- FORMS SHALL BE CONSTRUCTED OF WOOD, PLYWOOD, STEEL, OR OTHER APPROVED MATERIALS AND SHALL BE MORTAR TIGHT. THE FORMS AND ASSOCIATED FALSEWORK SHALL BE SUBSTANTIAL AND UNWELDING AND SHALL BE CONSTRUCTED SO THAT THE FINISHED CONCRETE WILL CONFORM TO THE DIMENSIONS AND CONTOURS SHOWN ON THE DRAWINGS. FORM SURFACES SHALL BE SMOOTH AND FREE FROM HOLES, DENTS, SACS, AND OTHER IRREGULARITIES. THE FORMS SHALL BE COATED WITH A NON-STAINING OIL BEFORE CONCRETE IS POURED. REMOVE FORMS A MINIMUM OF 24 HOURS AFTER PLACING CONCRETE.
- ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304. FORMED CONCRETE SHALL BE UNIFORMLY CONSOLIDATED USING A MECHANICAL VIBRATOR. COMPLY WITH THE RECOMMENDATIONS OF ACI 306R FOR COLD WEATHER PLACEMENT AND ACI 305R FOR HOT WEATHER PLACEMENT. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND TO ENSURE PROPER MOISTURE CONTROL DURING CURING.
- CONCRETE SIDEWALKS SHALL BE MINIMUM 4 INCHES THICK WITH 6"x6" W14xW1.4 WIRE MESH PLACED OVER MINIMUM 4 INCHES THICK COMPACTED #53 STONE OR APPROVED GRANULAR FILL. PROVIDE A TOOLED OR SAWN TRANSVERSE CONTROL JOINT EVERY 6 FEET, OR AS INDICATED, AND A 1/2 INCH PREFORMED AND SEALED CONSTRUCTION JOINT AT LEAST EVERY 50 FEET. SURFACE OF SIDEWALK AND CURBS SHALL BE LIGHTLY BROOM FINISHED.

5th Street (Asphalt)

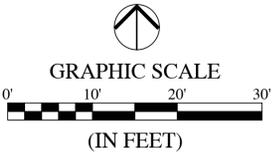
REVISIONS		
DATE	DESCRIPTION	BY



CITY OF NORTH VERNON
 CITY CENTER PLAZA
 SITE IMPROVEMENTS

PRELIMINARY
 NOT FOR CONSTRUCTION
 DATE: 08-09-12
 CHECKED BY: XXX

DRAWN BY MH	JOB NUMBER 2011-175
CHECKED BY MM, CP	
DATE 2013	
SCALE 1"=10'	
SHEET	
C201	
SITE IMPROVEMENTS	



GENERAL NOTES:

1. ALL PLANT MATERIAL IS TO BE PROVIDED WITH A ONE-YEAR WARRANTY AND MAINTENANCE AGREEMENT, AND SHALL BE REPLACED IF DEAD, DYING, OR OTHERWISE UNACCEPTABLE TO THE CIVIL ENGINEER OR LANDSCAPE ARCHITECT.
2. NOTIFY THE LANDSCAPE ARCHITECT IF SITE CONDITIONS ARE UNSUITABLE OR OTHER UNFORESEEN CONDITIONS ARE FOUND.
3. ALL PLANT MATERIAL SHALL BE IN CONFORMANCE WITH THE "AMERICAN STANDARD FOR NURSERY STOCK" ANSI Z60.1 LATEST ADDITION.
4. THE LANDSCAPE ARCHITECT SHALL INSPECT THE QUALITY OF PLANT MATERIAL UPON ARRIVAL ON-SITE BEFORE PLANTS ARE PLACED IN THE GROUND. THE LANDSCAPE ARCHITECT MAY REJECT ANY PLANT MATERIAL, AND IT SHALL BE REPLACED WITH ACCEPTABLE MATERIAL BY THE LANDSCAPE CONTRACTOR.
5. ALL TREE LOCATIONS ARE TO BE STAKED OUT IN THE FIELD PRIOR TO PLANTING OPERATIONS FOR THE LANDSCAPE ARCHITECT'S APPROVAL AND ADJUSTMENT, IF NECESSARY.
6. NO SUBSTITUTIONS FOR THE SPECIFIED LANDSCAPE MATERIAL ARE ALLOWED UNLESS ACCEPTED IN WRITING BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING OPERATIONS.
7. THOROUGHLY WATER ALL PLANT MATERIAL WITHIN SIX (6) HOURS OF INSTALLATION.
8. THE SITE IS TO BE LEFT IN A CLEAN AND NEAT CONDITION AT ALL TIMES.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND IDENTIFY EXISTING UNDERGROUND AND OVERHEAD SERVICES AND UTILITIES WITHIN THE CONTRACT WORK AREAS, PROVIDE ADEQUATE MEANS OF PROTECTION OF UTILITIES AND SERVICES DESIGNATED TO REMAIN. REPAIR UTILITIES DAMAGED DURING OPERATIONS AT CONTRACTOR'S EXPENSE.
10. MULCH: FINELY SHREDDED HARDWOOD BARK, AGED, THREE (3) INCH DEPTH FOR ALL PLANTING BEDS AND TREE SAUCERS. TO BE RENEWED TWICE A YEAR DURING THE ONE-YEAR MAINTENANCE PERIOD. TO BE CONTINUOUS IN GROUPED PLANTING AREAS.
11. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS OF THE CONTRACT.

MINIMUM PLANTING SOIL REPLACEMENT DEPTHS:

TREE AREAS: 36" INCH DEPTH X 144" INCH WIDTH UNLESS CONSTRAINED BY STRUCTURAL EDGE. SHALL BE CONTINUOUS DEPTH FOR GROUPED PLANTINGS.

SHRUB AREAS: 24" INCH DEPTH X 48" WIDTH UNLESS CONSTRAINED BY STRUCTURAL EDGE. SHALL BE CONTINUOUS DEPTH IN GROUPED PLANTING.

GROUNDCOVER/PERENNIAL/ORNAMENTAL GRASS AREAS: 18" DEPTH X 36" WIDTH UNLESS CONSTRAINED BY STRUCTURAL EDGE. SHALL BE CONTINUOUS DEPTH IN GROUPED PLANTING.

LEGEND:

- PROPOSED AREAS TO RECEIVE LAWN SEED MIX; SEED ALL DISTURBED AREAS THAT DO NOT RECEIVE PLANTINGS.
- PROPOSED LANDSCAPE BED (COMBINATION OF SHRUBS, GROUNDCOVER, ORNAMENTAL GRASSES, AND PERENNIALS)
- PROPOSED TREE
- QUANTITY KEY

5th Street (Asphalt)

PLANT SELECTION:



REVISIONS		
DATE	DESCRIPTION	BY



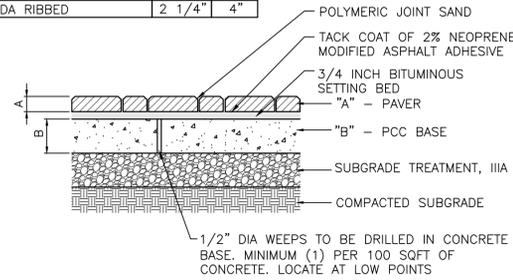
CITY OF NORTH VERNON
CITY CENTER PLAZA
LANDSCAPE

**PRELIMINARY
NOT FOR CONSTRUCTION**
DATE: 08-09-12
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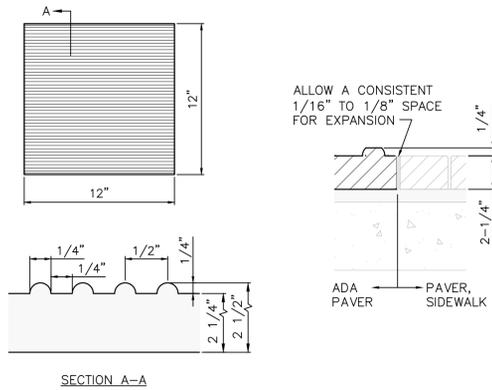
DRAWN BY MH	JOB NUMBER 2011-175
CHECKED BY MM, CP	
DATE 2013	
SCALE 1" = 10'	
SHEET	

L201
LANDSCAPE

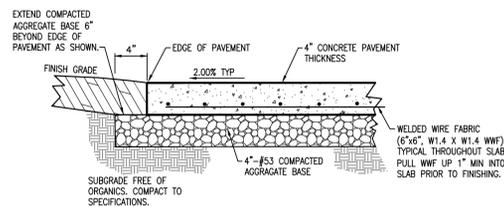
KEY:	A	B
PAVER, SIDEWALK	2 1/4"	4"
PAVER, UTILITY STRIP	2 1/4"	4"
PAVER, VEHICULAR	2 5/8"	6"
PAVER, CUSTOM ENGRAVED	2 1/4"	4"
PAVER, ADA DOME	2 1/4"	4"
PAVER, ADA RIBBED	2 1/4"	4"



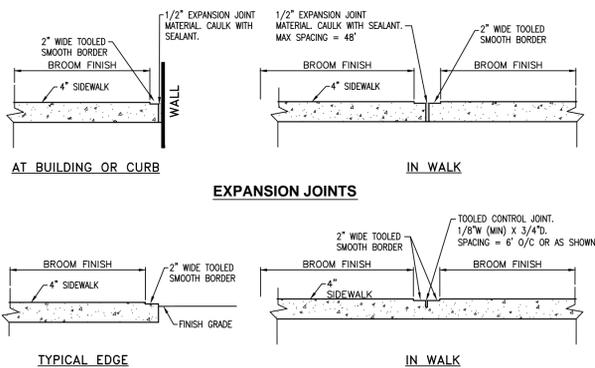
TYPICAL PAVER SYSTEM
NOT TO SCALE



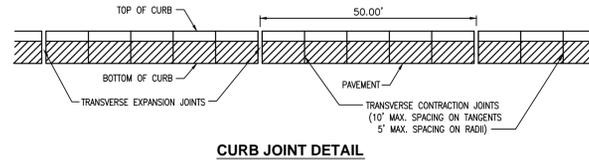
PAVER, ADA RIBBED
NOT TO SCALE



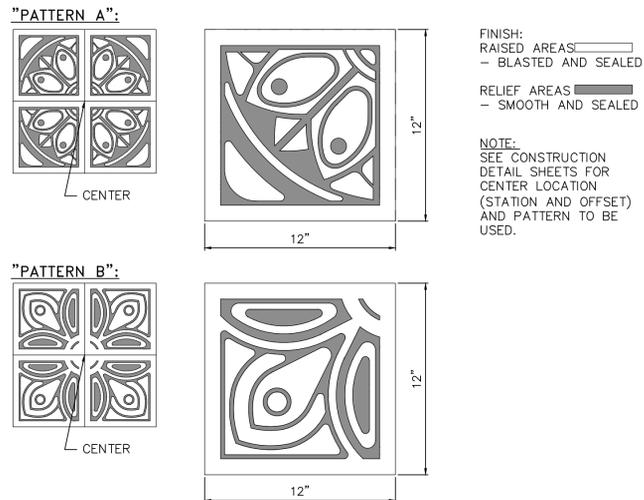
CONCRETE SIDEWALK
NOT TO SCALE



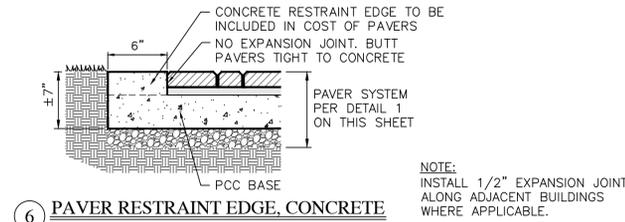
CONCRETE SIDEWALK JOINT & FINISHING DETAILS
NOT TO SCALE



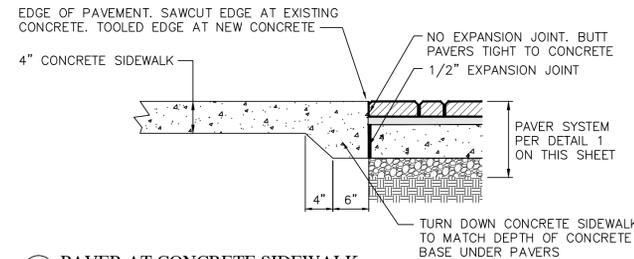
CONCRETE BARRIER CURB
NOT TO SCALE



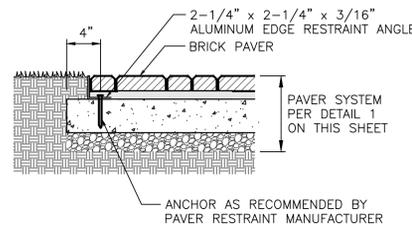
2 PAVER, CUSTOM ENGRAVED (B2)
NOT TO SCALE



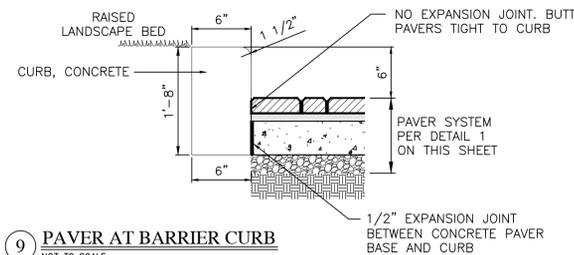
6 PAVER RESTRAINT EDGE, CONCRETE
NOT TO SCALE



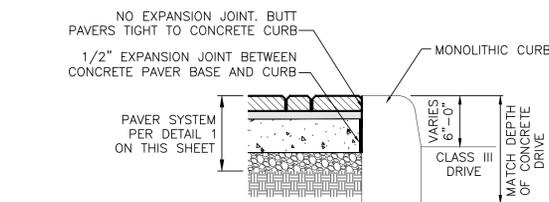
7 PAVER AT CONCRETE SIDEWALK
NOT TO SCALE



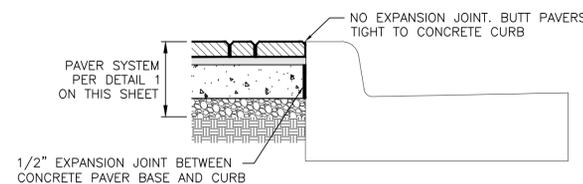
8 PAVER RESTRAINT ANGLE (AT LANDSCAPE BED)
NOT TO SCALE



9 PAVER AT BARRIER CURB
NOT TO SCALE



10 PAVER AT DRIVES
NOT TO SCALE



11 PAVER AT CURB AND GUTTER
NOT TO SCALE

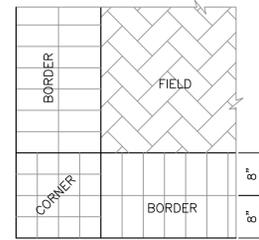
PAVER, SIDEWALK (B)

FIELD
SIZE: 4"x8"
PATTERN: 45° HERRINGBONE*
COLOR: TYPE 1

BORDER
SIZE: 4"x8"
PATTERN: DOUBLE HEADER
COLOR: TYPE 2

CORNER
SIZE: 4"x4"
PATTERN: DOUBLE HEADER**
COLOR: TYPE 2

* ADJUST LAYOUT TO MINIMIZE CUTS THAT LEAVE PAVER PIECES SMALLER THAN 3"
** ROTATE PAVER AS NECESSARY TO PREVENT ADJOINING NON-LUG SIDES.



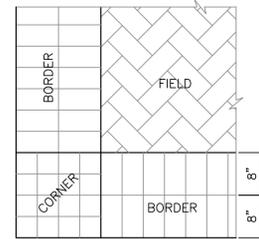
PAVER, VEHICULAR (B1)

FIELD
SIZE: 4"x8"
PATTERN: 45° HERRINGBONE*
COLOR: TYPE 3

BORDER
SIZE: 4"x8"
PATTERN: DOUBLE HEADER
COLOR: TYPE 4

CORNER
SIZE: 4"x4"
PATTERN: DOUBLE HEADER**
COLOR: TYPE 4

* ADJUST LAYOUT TO MINIMIZE CUTS THAT LEAVE PAVER PIECES SMALLER THAN 3"
** ROTATE PAVER AS NECESSARY TO PREVENT ADJOINING NON-LUG SIDES.



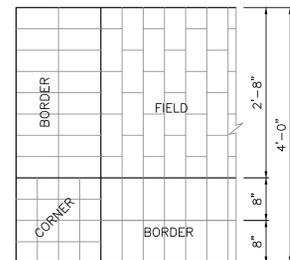
PAVER, UTILITY STRIP (B3)

FIELD
SIZE: 4"x8"
PATTERN: RUNNING BOND
COLOR: TYPE 5

BORDER
SIZE: 4"x8"
PATTERN: DOUBLE HEADER
COLOR: TYPE 2

CORNER
SIZE: 4"x4"
PATTERN: DOUBLE HEADER**
COLOR: TYPE 2

** ROTATE PAVER AS NECESSARY TO PREVENT ADJOINING NON-LUG SIDES.



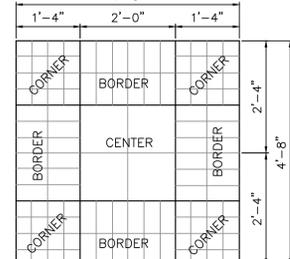
MOTIF COMBINATION: (B2)

CENTER
PAVER: CUSTOM ENGRAVED
SIZE: 12"x12"
PATTERN: "A" OR "B", SEE DETAIL 2
COLOR: SEE SPECIAL PROVISIONS

BORDER
PAVER: PAVER, SIDEWALK
SIZE: 4"x8"
PATTERN: DOUBLE HEADER
COLOR: TYPE 2

CORNER
PAVER: PAVER, SIDEWALK
SIZE: 4"x4"
PATTERN: DOUBLE HEADER**
COLOR: TYPE 2

** ROTATE PAVER AS NECESSARY TO PREVENT ADJOINING NON-LUG SIDES.



5 TYPICAL PAVER PATTERNS
NOT TO SCALE

REVISIONS

DATE	DESCRIPTION	BY



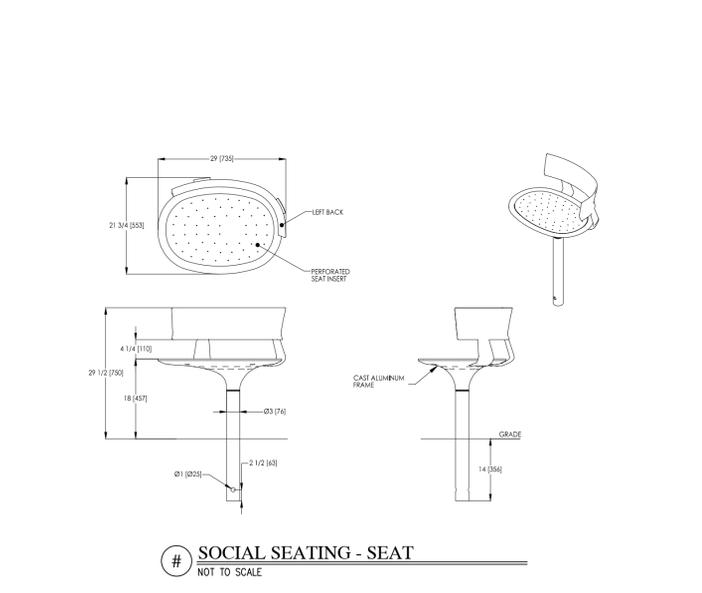
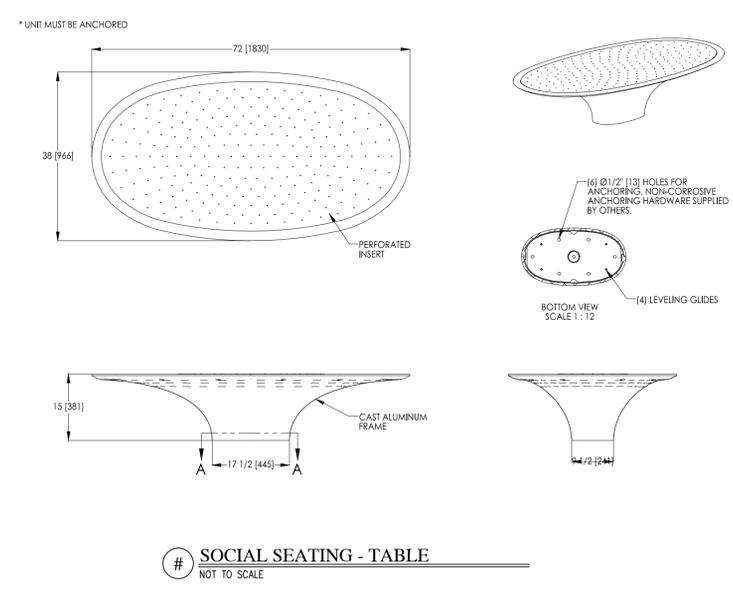
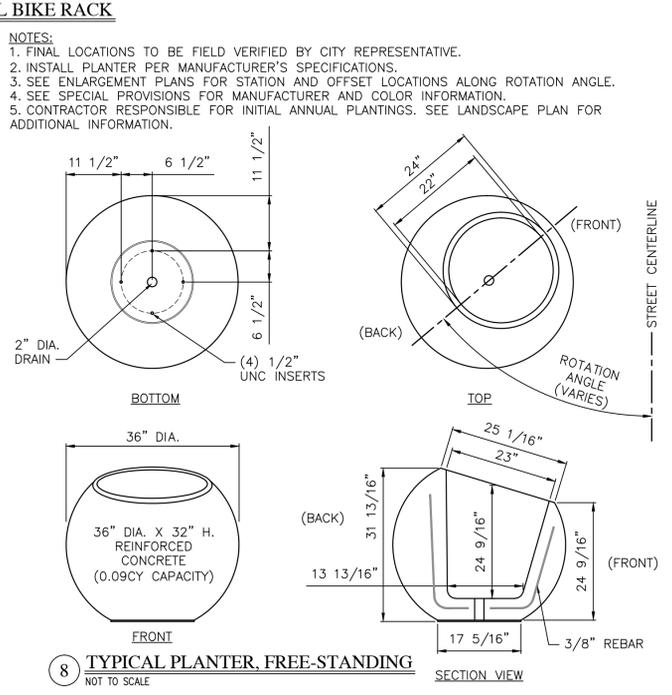
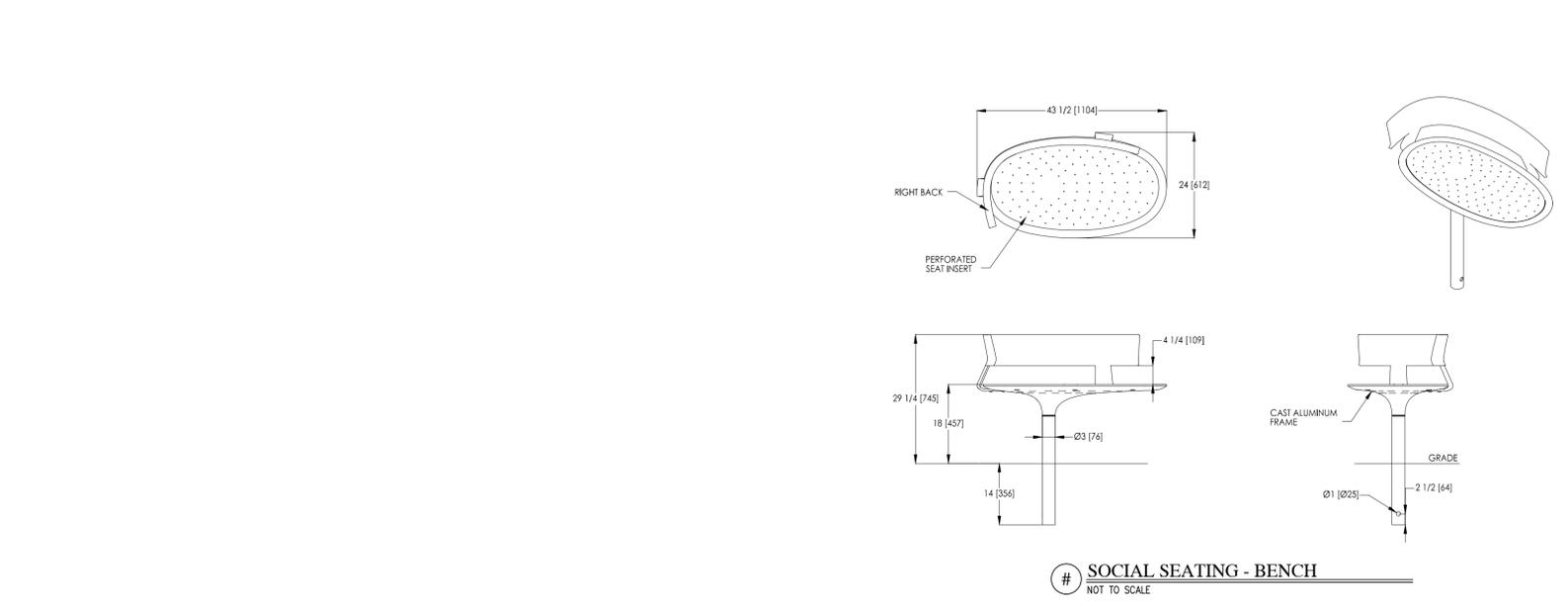
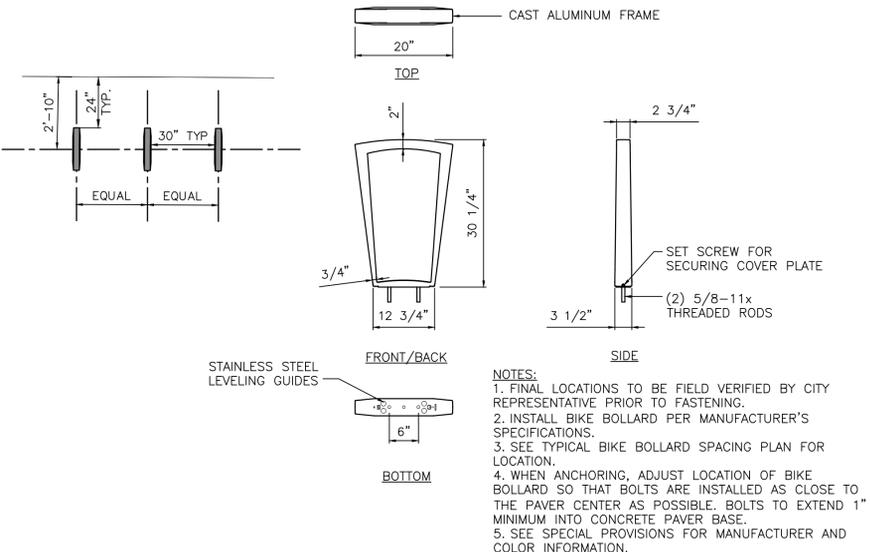
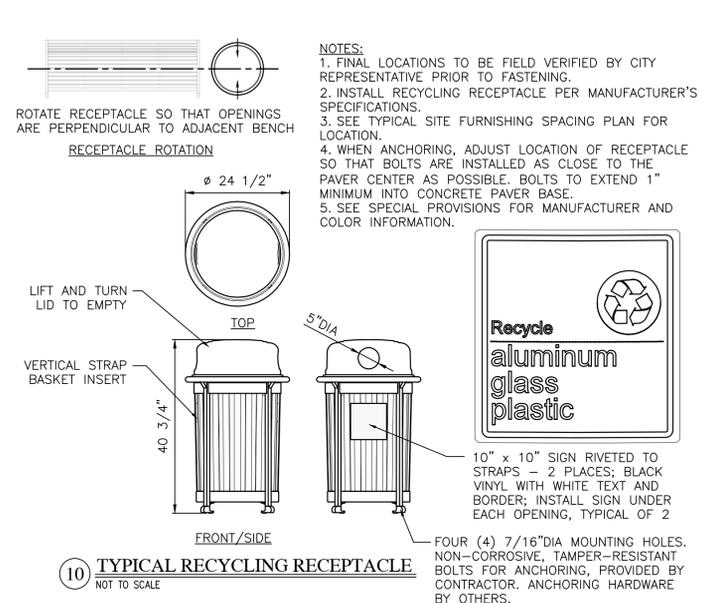
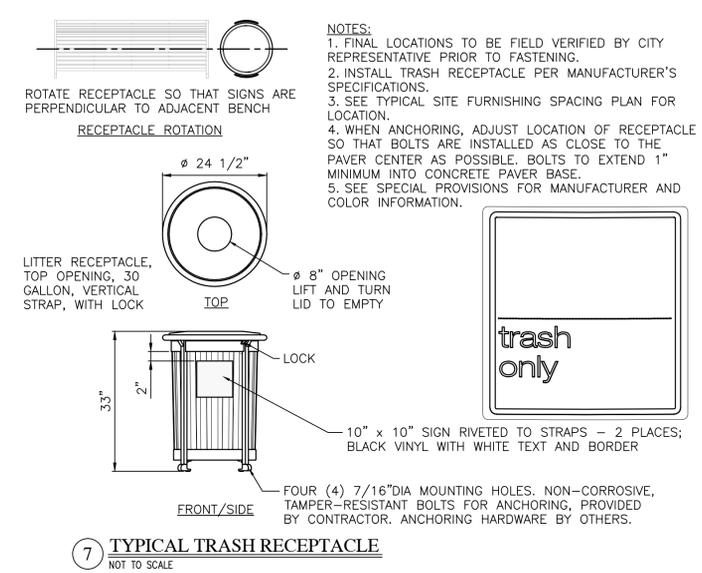
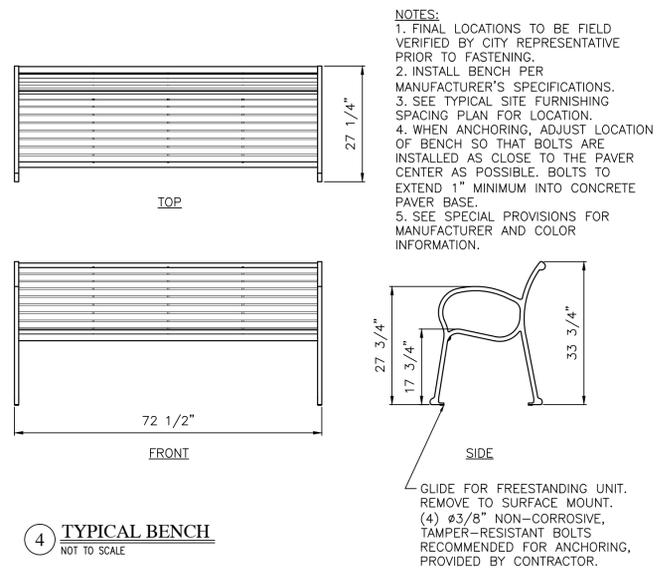
CITY OF NORTH VERNON
CITY CENTER PLAZA

PAVEMENT DETAILS

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 08-09-12
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DRAWN BY MH	JOB NUMBER 2011-175
CHECKED BY MM, CP	
DATE 2013	
SCALE NONE	
SHEET	

C601
PAVEMENT DETAILS



REVISIONS		
DATE	DESCRIPTION	BY

HWC ENGINEERING
INDIANAPOLIS - TERRE HAUTE
LAFAYETTE - SCOTTSBURG - NOBLESVILLE
www.hwengineering.com

CITY OF NORTH VERNON
CITY CENTER PLAZA
FURNISHING DETAILS

PRELIMINARY
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DATE: 08-09-12
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DRAWN BY: MH
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SCALE: NONE
SHEET: _____

JOB NUMBER: 2011-175

C602
FURNISHING DETAILS

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DESCRIPTION:
THE STAGE FEATURE WILL BE A CONCRETE PLATFORM RAISED APPROXIMATELY 18 INCHES OFF THE GROUND. IT WILL BE ACCESSIBLE VIA BOTH A RAMP SYSTEM AS WELL AS STEPS. A TRELLIS FEATURE WILL CREATE A ROOF OVER THIS RAISED PLATFORM, AND WILL BE MADE OF SIMILAR MATERIALS TO THAT OF THE SCULPTURE FEATURE -- BRICK MASONRY COLUMNS, LIMESTONE DETAILING, AND BLACK ORNAMENTAL METAL.

STAGE FEATURE AND STEPS
NOT TO SCALE



DESCRIPTION:
A SERIES OF BUBBLER FOUNTAINS WILL LINE THE CENTER OF THE PLAZA. THE WATER HEIGHT OF EACH BUBBLER WILL NOT EXCEED 18" IN HEIGHT, AND WILL SPILL INTO A METAL GRATE THAT IS FLUSH WITH THE SURROUNDING PAVEMENT. A LIGHT WILL SIT BENEATH THE GRATE OF EACH FOUNTAIN MAKING THEM VISIBLE AT NIGHT.

FOUNTAIN FEATURE
NOT TO SCALE



DESCRIPTION:
A 42" TALL DECORATIVE FENCE WILL LINE MULTI-USE FLEX SPACE AT THE NORTH END OF THE PLAZA TO DISCOURAGE PEDESTRIANS FROM CROSSING THE MADISON RAIL LINE AT ANY POINT, AND INSTEAD POINT THEM TOWARDS THREE GATED CROSSINGS. THE FENCE WILL BE MADE OF ALUMINUM AND HAVE A BLACK POWDERCOAT FINISH.

DECORATIVE RAILING
NOT TO SCALE



DESCRIPTION:
THE SCULPTURE FEATURE WILL CONSIST OF A SEATWALL WITH A CURVED SCULPTURAL BACKDROP. THE SEATWALL WILL BE MADE OF CAST CONCRETE AND BE APPROXIMATELY 18 INCHES IN HEIGHT, 30 INCHES IN WIDTH, AND 20 FEET IN LENGTH. THE SCULPTURAL BACKDROP WILL BE MADE OF ORNAMENTAL METAL. IT MAY SPAN APPROXIMATELY 5 FEET IN HEIGHT ABOVE THE SEATWALL.

SCULPTURE FEATURE
NOT TO SCALE



DESCRIPTION:
A CAST CONCRETE SEATWALL MEASURING 18" TALL WILL LINE THE WEST EDGE OF THE PLAZA. CAST CONCRETE COLUMNS MEASURING 24" IN HEIGHT WILL CAP THE END OF THE WALL SECTIONS IN SIX LOCATIONS. A CAST CONCRETE RETAINING WALL WILL LINE THE NORTH SIDE OF THE STAGE TO ALLOW FOR POWER RECEPTACLES TO BE INSTALLED AND AN ACCESSIBLE RAMP TO RUN BEHIND IT

SEATWALL / RETAINING WALL / COLUMN
NOT TO SCALE



DESCRIPTION:
THE LIGHT COLUMNS WILL BE 6" IN DIAMETER, AND 11' IN HEIGHT. THEY ARE MADE OF STAINLESS STEEL CONSTRUCTION, AND WILL HAVE A BLACK POWDERCOAT FINISH TO MATCH THE OTHER ORNAMENTAL METAL IN THE PLAZA. A CUSTOM GRATE WILL ADD A DECORATIVE ELEMENT TO THE LIGHT ITSELF.

DECORATIVE LIGHT POLE
NOT TO SCALE



DESCRIPTION:
IN ORDER TO PROVIDE MAXIMUM ROOM FOR PEDESTRIAN CIRCULATION, 6'X6' TREE GRATES WILL BE INSTALLED IN 6 LOCATIONS. THE GRATES WILL BE MADE OF CAST IRON, AND WILL SIT FLUSH WITH THE SURROUNDING PAVEMENT.

TREE GRATE
NOT TO SCALE

REVISIONS

DATE	DESCRIPTION	BY

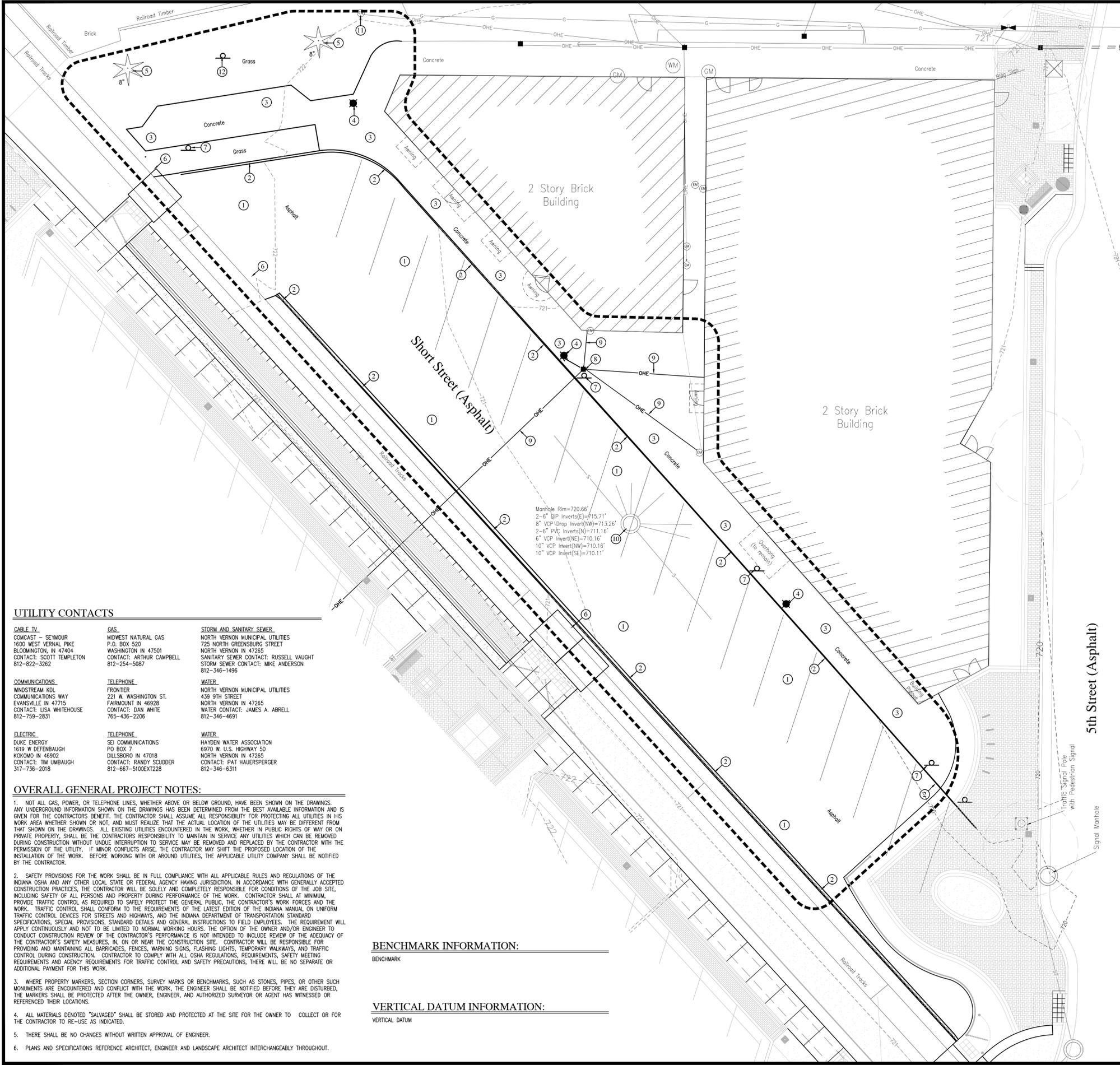
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CITY OF NORTH VERNON
CITY CENTER PLAZA
DESIGN FEATURES

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CHECKED BY MM, CP	
DATE 2013	
SCALE NONE	
SHEET	

C603
DESIGN FEATURES



GRAPHIC SCALE
0' 10' 20' 30'
(IN FEET)

KNOW WHAT'S BELOW.
CALL BEFORE YOU DIG.
Call 811 or 800-382-5544 Before you Dig!

LEGEND:

---800---	CONTOUR, MAJOR	⊕	BENCHMARK	●	LIGHT POLE
---799---	CONTOUR, MINOR	○	IRON PIN	■	UTILITY POLE
—OHE—	OVERHEAD ELECTRIC	△	PK NAIL	+	GLY ANCHOR
—G—	GAS MAIN	⊙	"MAG" NAIL	⊕	TRAFFIC POLE
—S—	SANITARY SEWER	⊙	STAR SPIKE	⊕	ELECTRIC METER
—ST—	STORM SEWER	⊙	5/8" CAPPED REBAR	⊕	HANDHOLE
—W—	WATER MAIN	⊙	SIGN	⊕	SPUCE BOX
		⊙	TREE	⊕	CABLE BOX
		⊙		⊕	GAS METER
		⊙		⊕	FIRE HYDRANT
		⊙		⊕	WATER METER
		⊙		⊕	WATER VALVE
		⊙		⊕	MANHOLE
		⊙		⊕	STORM INLET

- DEMOLITION NOTES:**
- THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE SITE ALL MATERIALS INDICATED ON THE PLAN. GENERALLY, DEMOLITION AREAS AND FACILITIES ARE INDICATED WITH BOLD LINES AND/OR SHADED AREAS. DISPOSAL OF SITE MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL GUIDELINES.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING FEATURES WHICH LIE ALONG THE PERIMETER OF THE SITE. THESE FEATURES INCLUDE, BUT ARE NOT LIMITED TO: BUILDINGS, PAVEMENTS, FENCES, VEGETATION, UTILITIES, PROPERTY MARKERS, ETC. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE WHICH OCCURS DURING OR AS A RESULT OF CONSTRUCTION ACTIVITY. REPLACEMENT OF DAMAGED PROPERTY SHALL BE EQUAL TO EXISTING CONDITIONS.
 - FOLLOWING REMOVAL OF INDICATED NATURAL FEATURES AND SITE IMPROVEMENTS, AND FOLLOWING THE COMPLETION OF EARTHWORK AS INDICATED ON THE GRADING PLAN, CONTRACTOR SHALL SUPPLY AND INSTALL TOPSOIL FILL TO THE FINISH GRADES INDICATED ON THE GRADING PLAN. TOPSOIL FILL SHALL BE FREE OF ROCK, RUBBISH, OR OTHER UNSUITABLE MATERIAL AND SHALL BE MODERATELY COMPACTED WHEN PLACED TO AVOID EXCESSIVE SETTLEMENTS. THE SURFACE OF ALL FILL SHALL BE UNIFORMLY AND SMOOTHLY GRADED IN ACCORDANCE WITH THE SITE GRADING PLAN. THE FINISHED SURFACE GRADES SHALL BE NOT MORE THAN 0.1 FOOT ABOVE OR BELOW THE GRADES INDICATED ON THE PLANS. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING GRADES AND THE ADJACENT FILL.
 - ALL TREES, BRUSH, STUMPS AND GRUBBING DEBRIS SCHEDULED FOR DEMOLITION ARE TO BE REMOVED FROM THE SITE.
 - CURRENT FIELD CONDITIONS MAY VARY SOMEWHAT FROM THOSE INDICATED ON THIS PLAN. THE INFORMATION SHOULD NOT BE CONSIDERED AS EXACT OR COMPLETE.
 - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO CONSTRUCTION. CONTACT THE INDIANA UNDERGROUND UTILITY PROTECTION SERVICE AT 1-800-382-5540.
 - THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OR RESUMPTION OF WORK WHICH COULD DISRUPT THE RESPECTIVE UTILITY SERVICE.
 - ANY DEVIATIONS FROM THE UTILITY LOCATIONS OR ELEVATIONS FROM THOSE SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION PROCEEDS AT THAT LOCATION. ANY OTHER DEVIATIONS OF THE SITE IMPROVEMENTS FROM THOSE SHOWN ON THE PLANS THAT AFFECT THE PROPOSED IMPROVEMENTS SHALL BE REPORTED TO THE ENGINEER BEFORE CONSTRUCTION PROCEEDS AT THAT LOCATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ALL EXISTING UTILITIES WHICH ARE IN CONFLICT WITH THE IMPROVEMENTS SHOWN ON THE SITE PLANS.
 - ANY DAMAGE TO EXISTING UTILITY LINES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
 - UNLESS NOTED OTHERWISE, ALL UNDERGROUND UTILITIES SCHEDULED FOR DEMOLITION SHALL BE COMPLETELY EXCAVATED AND REMOVED, AND THE TRENCH BACKFILLED WITH STRUCTURAL FILL PLACED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS.

- DEMOLITION KEYNOTES:**
- ALL ITEMS TO BE REMOVED IN THEIR ENTIRETY, UNLESS NOTED OTHERWISE.
- REMOVE ASPHALT PAVEMENT.
 - REMOVE CONCRETE CURB.
 - REMOVE CONCRETE SIDEWALK.
 - REMOVE STREET LIGHT
 - PROTECT EVERGREEN TREE (8") TO REMAIN
 - PROTECT RAILROAD CONCRETE CROSSING TO REMAIN.
 - REMOVE SIGN AND POST.
 - REMOVE UTILITY POLE
 - BURY OVERHEAD ELECTRIC LINES.
 - PROTECT SANITARY MANHOLE TO REMAIN. ADJUST CASTING GRADE AS NECESSARY. SEE GRADING PLAN.
 - PROTECT ELECTRIC METERS TO REMAIN.
 - NOTICE BOARD SIGN REMOVE/PROTECT???

UTILITY CONTACTS

CABLE TV COMCAST - SEYMOUR 1600 WEST VERNAL PIKE BLOOMINGTON, IN 47404 CONTACT: SCOTT TEMPLETON 812-822-3262	GAS MIDWEST NATURAL GAS P.O. BOX 520 WASHINGTON IN 47501 CONTACT: ARCHIE CAMPBELL 812-254-5087	STORM AND SANITARY SEWER NORTH VERNON MUNICIPAL UTILITIES 725 NORTH GREENSBURG STREET NORTH VERNON IN 47265 SANITARY SEWER CONTACT: RUSSELL VAUGHT STORM SEWER CONTACT: MIKE ANDERSON 812-346-1496
COMMUNICATIONS WINDSTREAM KDL COMMUNICATIONS WAY EVANSVILLE IN 47715 CONTACT: LISA WHITEHOUSE 812-759-2831	TELEPHONE FRONTIER 221 W. WASHINGTON ST. FAIRMOUNT IN 46923 CONTACT: DAN WHITE 765-436-2206	WATER NORTH VERNON MUNICIPAL UTILITIES 439 9TH STREET NORTH VERNON IN 47265 WATER CONTACT: JAMES A. ABRELL 812-346-4691
ELECTRIC DUKE ENERGY 1619 W DEFENBAUGH KOKOMO IN 46902 CONTACT: TIM UмбаUGH 317-736-2018	TELEPHONE SEI COMMUNICATIONS PO BOX 7 DILLSBORO IN 47018 CONTACT: RANDY SCUDDER 812-667-5100EXT228	WATER HAYDEN WATER ASSOCIATION 6970 W. U.S. HIGHWAY 50 NORTH VERNON IN 47265 CONTACT: PAT HAUERSPERGER 812-346-6311

- OVERALL GENERAL PROJECT NOTES:**
- NOT ALL GAS, POWER, OR TELEPHONE LINES, WHETHER ABOVE OR BELOW GROUND, HAVE BEEN SHOWN ON THE DRAWINGS. ANY UNDERGROUND INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONTRACTORS BENEFIT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR PROTECTING ALL UTILITIES IN HIS WORK AREA WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATION OF THE UTILITIES MAY BE DIFFERENT FROM THAT SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES ENCOUNTERED IN THE WORK, WHETHER IN PUBLIC RIGHTS OF WAY OR ON PRIVATE PROPERTY, SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN IN SERVICE ANY UTILITIES WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION TO SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE UTILITY. IF MINOR CONFLICTS ARISE, THE CONTRACTOR MAY SHIFT THE PROPOSED LOCATION OF THE INSTALLATION OF THE WORK. BEFORE WORKING WITH OR AROUND UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE NOTIFIED BY THE CONTRACTOR.
 - SAFETY PROVISIONS FOR THE WORK SHALL BE IN FULL COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF THE INDIANA OSHA AND ANY OTHER LOCAL, STATE OR FEDERAL AGENCY HAVING JURISDICTION. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. CONTRACTOR SHALL AT MINIMUM, PROVIDE TRAFFIC CONTROL AS REQUIRED TO SAFELY PROTECT THE GENERAL PUBLIC, THE CONTRACTOR'S WORK FORCES AND THE WORK. TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, STANDARD DETAILS AND GENERAL INSTRUCTIONS TO FIELD EMPLOYEES. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. THE OPTION OF THE OWNER AND/OR ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, FENCES, WARNING SIGNS, FLASHING LIGHTS, TEMPORARY WALKWAYS, AND TRAFFIC CONTROL DURING CONSTRUCTION. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS, REQUIREMENTS, SAFETY MEETING REQUIREMENTS AND AGENCY REQUIREMENTS FOR TRAFFIC CONTROL AND SAFETY PRECAUTIONS, THERE WILL BE NO SEPARATE OR ADDITIONAL PAYMENT FOR THIS WORK.
 - WHERE PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS OR BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER SUCH MONUMENTS ARE ENCOUNTERED AND CONFLICT WITH THE WORK, THE ENGINEER SHALL BE NOTIFIED BEFORE THEY ARE DISTURBED. THE MARKERS SHALL BE PROTECTED AFTER THE OWNER, ENGINEER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATIONS.
 - ALL MATERIALS DENOTED "SALVAGED" SHALL BE STORED AND PROTECTED AT THE SITE FOR THE OWNER TO COLLECT OR FOR THE CONTRACTOR TO RE-USE AS INDICATED.
 - THERE SHALL BE NO CHANGES WITHOUT WRITTEN APPROVAL OF ENGINEER.
 - PLANS AND SPECIFICATIONS REFERENCE ARCHITECT, ENGINEER AND LANDSCAPE ARCHITECT INTERCHANGEABLY THROUGHOUT.

BENCHMARK INFORMATION:

BENCHMARK

VERTICAL DATUM INFORMATION:

VERTICAL DATUM

REVISIONS

DATE	DESCRIPTION	BY

HWC ENGINEERING

INDIANAPOLIS - TERRE HAUTE
LAFAYETTE - SCOTTSBURG - NOBLESVILLE
www.hwceengineering.com

CITY OF NORTH VERNON
CITY CENTER PLAZA

EXISTING CONDITIONS

**PRELIMINARY
NOT FOR CONSTRUCTION**

DATE: 08-09-12
CHECKED BY: XXX

DRAWN BY: MH

CHECKED BY: MM, CP

DATE: 2013

SCALE: 1"=10'

SHEET:

C101

EXISTING CONDITIONS

JOB NUMBER
2011-175

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