

CONSTRUCTION PLANS FOR: BRAY FAMILY HOMESTEAD PARK HAMILTON COUNTY PARKS & RECREATION

4528 State Road 38
Noblesville, IN 46060

PROJECT INFORMATION

COUNTY: HAMILTON
TOWNSHIP: WASHINGTON
SECTION: 20
TOWNSHIP: 19N
RANGE: 4E
LOCATION: HINKLE ROAD, NORTH OF THE INTERSECTION OF STATE ROAD 38 AND HINKLE RD.
PROPERTY ACRAGE: 94.3 AC
DISTURBANCE AREA: 0.9 AC
PLANNING DATA
THOROUGHFARE: HINKLE RD. - SECONDARY ARTERIAL
PROPOSED R/W: 55-FOOT HALF R/W
PARKING
TYPICAL SIZE: 20' x 10'
STANDARD SPACE COUNT: 45
ADA SPACE COUNT: 2
TOTAL PARKING SPACES: 47
FUTURE PARKING SPACES: 4

LEGAL DESCRIPTION

PARCEL NO. 1. A part of the Northeast Quarter of Section 20, Township 19 North, Range 4 East located in Washington Township, Hamilton County, Indiana, being more specifically described as follows: BEGINNING at the Northeast corner of the Northeast Quarter of Section 20, Township 19 North, Range 4 East; thence South 00 degrees 00 minutes 00 seconds (assumed bearing) 2,650.48 feet to the Southeast corner of said Northeast Quarter; thence North 88 degrees 55 minutes 10 seconds West 1,071.83 feet on and along the South line of said Northeast Quarter to its Point of Intersection with the center line of State Road #38; thence North 56 degrees 47 minutes 39 seconds West 607.73 feet on and along the center line of State Road #38; thence North 00 degrees 05 minutes 42 seconds East 2,337.08 feet parallel with the West line of said Northeast Quarter to a point on the North line of said Northeast Quarter, said point being South 88 degrees 33 minutes 34 seconds East 1,083.56 feet from the Northwest corner of said Northeast Quarter; thence South 88 degrees 33 minutes 34 seconds East 1,576.76 feet to the POINT OF BEGINNING. Containing 94.34 acres, more or less, being subject to all applicable easements and rights-of-way of record.

THE FOLLOWING IS AN EXCEPTION TO PARCEL 1, EXHIBIT A

A part of the Northeast Quarter of Section 20, Township 19 North, Range 4 East, Hamilton County, Indiana, and being that part of the grantor's land lying within the right of way lines depicted on the attached Right of Way Parcel Plat, marked EXHIBIT "B", described as follows: Commencing at the northeast corner of said section; thence South 0 degrees 00 minutes 00 seconds 2,650.48 feet along the east line of said section to the southeast corner of said quarter section designated as point "62" on said plat; thence North 88 degrees 55 minutes 10 seconds West 1,071.83 feet (Bearings and distances quoted from Instrument Number 8923862 Parcel No. 1) along the south line of said quarter section to the center line of State Road 38; thence South 89 degrees 08 minutes 27 seconds East (This and all subsequent bearings in this description are based on the bearing system for State Highway Project STP-5229(008)) 75.14 feet along said south line to the northeastern boundary of said State Road 38 and the point of beginning of this description; thence North 56 degrees 58 minutes 36 seconds West 1,077.76 feet along the boundary of said State Road 38 to point "131" designated on said plat; thence North 33 degrees 03 minutes 33 seconds East 15.46 feet to point "125" designated on said plat; thence South 56 degrees 56 minutes 27 seconds East 132.20 feet to the south line of said quarter section; thence North 89 degrees 08 minutes 27 seconds West 28.88 feet along said south line to the point of beginning and containing 0.043 acres, more or less.

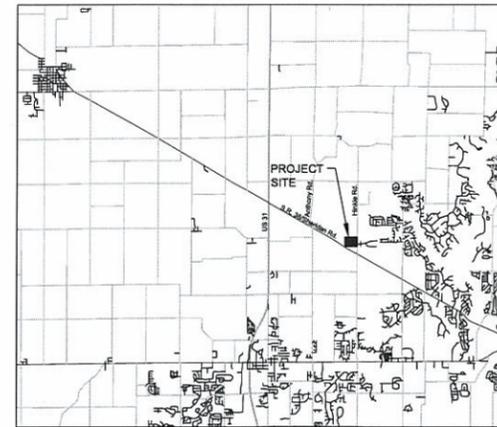
This description was prepared for the Indiana Department of Transportation by L. Randolph Compton, Indiana Registered Land Surveyor, License Number LS20100072, on the 15th day of July, 2003.



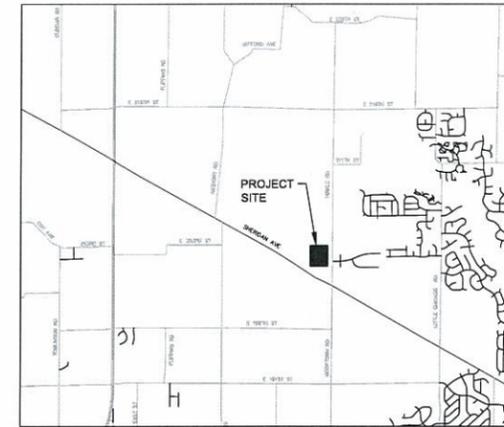
L. Randolph Compton
L. Randolph Compton

DRAWING INDEX

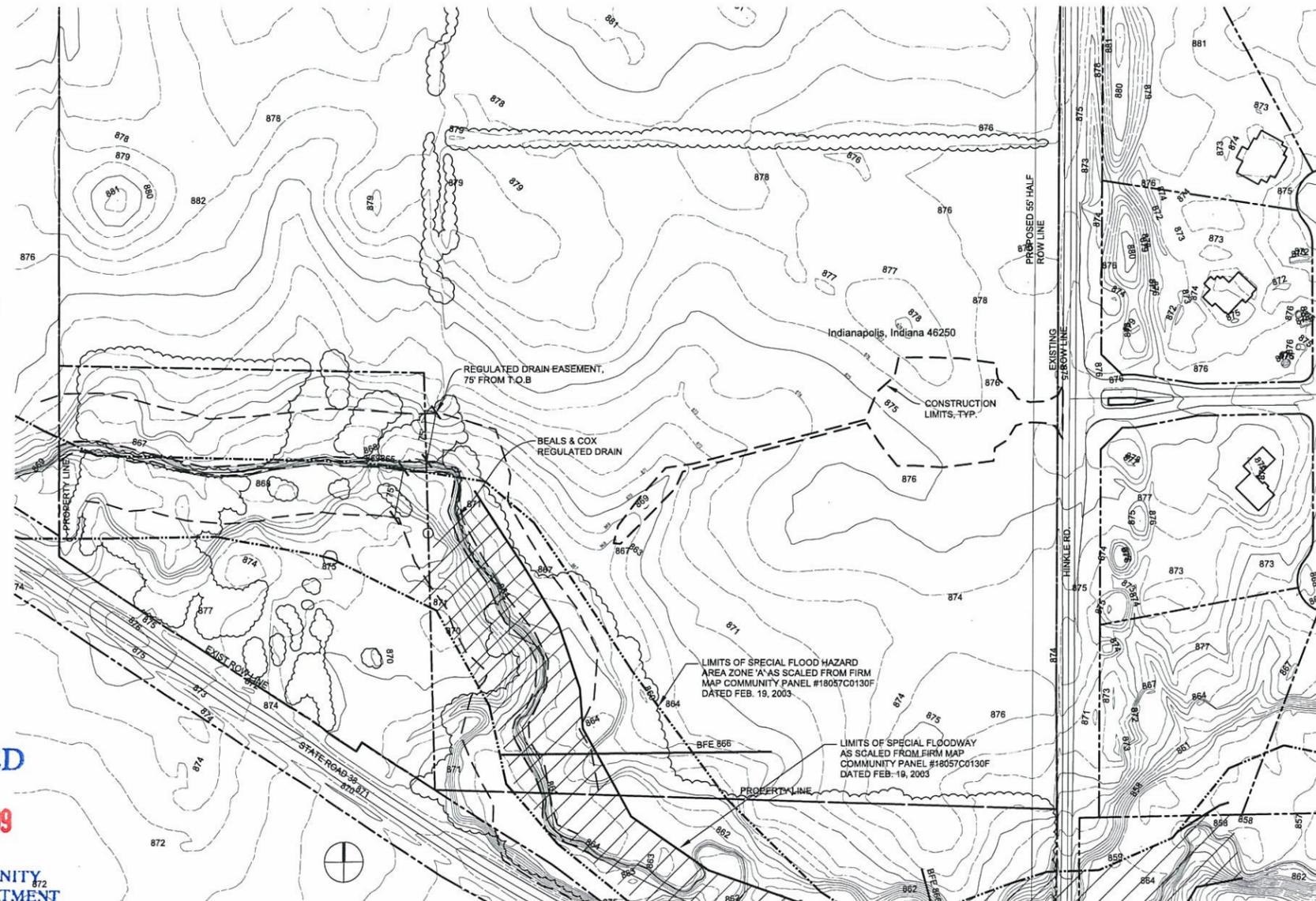
- L100 COVER SHEET
- L101 SITE LAYOUT & PLANTING PLAN
- L102 SITE GRADING & DRAINAGE PLAN
- L103 EROSION CONTROL MEASURES
- L104 EROSION CONTROL & STORM DETAILS



LOCATION MAP



VICINITY MAP



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DEC - 1 2009

WESTFIELD COMMUNITY DEVELOPMENT DEPARTMENT

1 EXISTING CONDITIONS/KEY PLAN
SCALE: 1"=100'



landscape architect:

consultant:

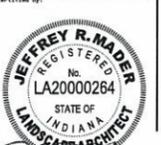


client:

Project: TAC Submittal Set
BRAY FAMILY HOMESTEAD PARK
S.R. 38 and Hinkle Rd., Hamilton County, IN

EXISTING CONDITIONS PLAN

revision: date: description:



date: November 30, 2009
job #: NCR 05
drawn by: JRM
checked by: JRM

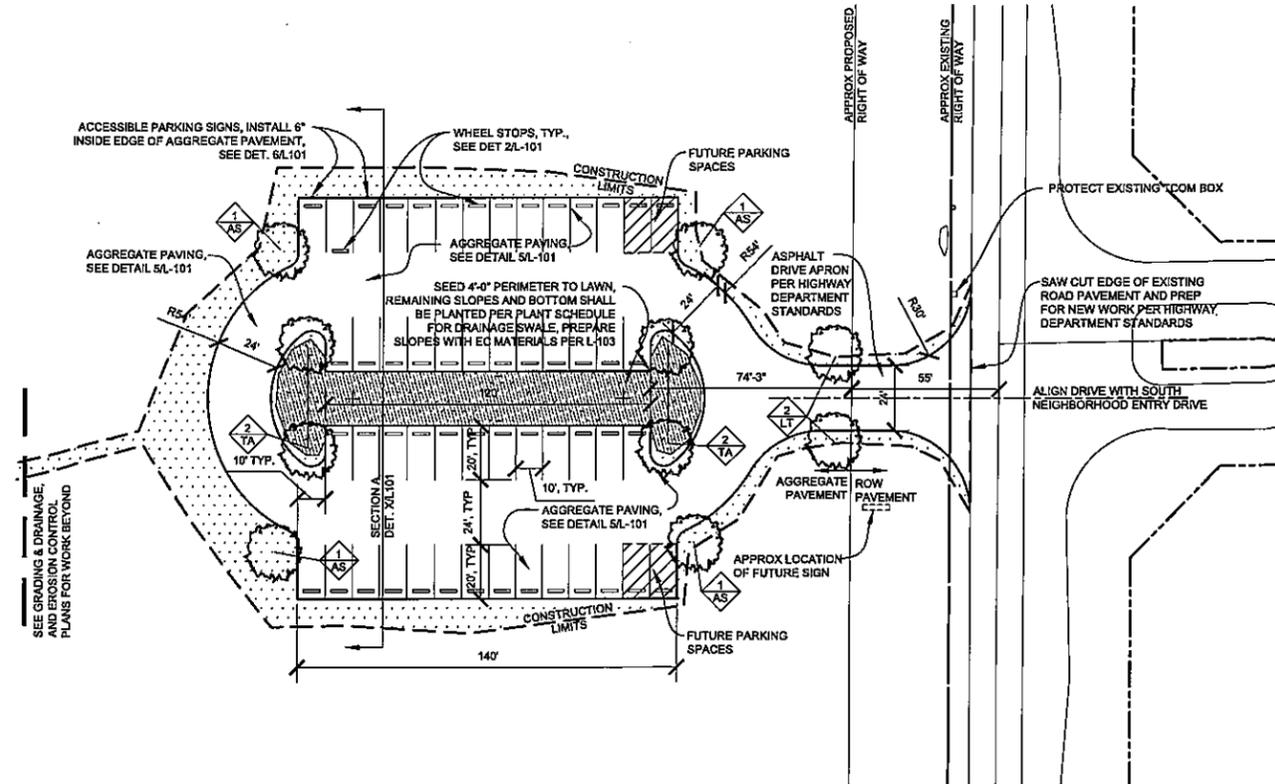
Landscape Architect is the author and user of these drawings and specifications. They shall be used solely for the purposes of the project and shall not be used for any other project or area without express written consent of the landscape architect.

L-100
x of x

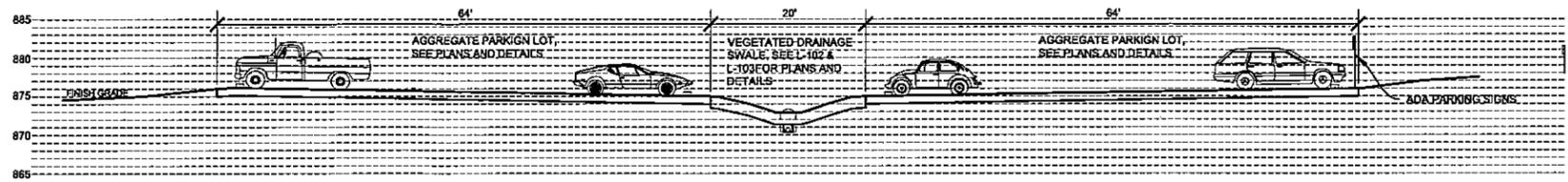
GENERAL NOTES

- BASE DRAWINGS HAVE BEEN OBTAINED FROM HAMILTON COUNTY GIS DATABASE. LANDSCAPE ARCHITECT CLAIMS NO RESPONSIBILITY FOR ACCURACY OF INFORMATION PROVIDED. VERIFY AND CONFIRM ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- RADII SHALL BE 5'-0" UNLESS OTHERWISE NOTED OR WHERE DRAWING APPEARS SIGNIFICANTLY DIFFERENT.
- LOCATE AND VERIFY ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO STARTING WORK.
- COORDINATE MAINTENANCE OF TRAFFIC WITH HAMILTON COUNTY HIGHWAY DEPARTMENT, AND PROVIDE SIGNS, CONES, AND FLAGGERS AS REQUIRED.
- STAKE AND CONFIRM ALL DIMENSIONS AND GRADES PRIOR TO STARTING WORK. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT IMMEDIATELY.
- WHERE NEW PAVEMENT SHOWN TO MEET EXISTING, SAW CUT EXISTING PAVEMENT VERTICALLY, REMOVE DELETERIOUS MATERIAL, AND PREPARE FOR NEW WORK.
- SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND NOT CALLED OUT TO BE PAVED OR PLANTED WITH OTHER PLANT MATERIAL.
- PLANTING BEDS SHALL RECEIVE SPADE EDGE UNLESS OTHERWISE NOTED.
- PROVIDE PLANT MATERIAL IN QUANTITIES AND SPECIES SHOWN ON ALL PLANS.
- PROVIDE 3" SHREDDED HARDWOOD MULCH IN ALL PLANTING BEDS AND IN 6" DIA AROUND ALL TREES UNLESS OTHERWISE NOTED.
- PROVIDE PRE-EMERGENT HERBICIDE ON PLANTING BEDS PRIOR TO INSTALLATION OF MULCH AT RATES PER MANUFACTURER'S DIRECTIONS.
- TREES SHALL NOT BE STAKED EXCEPT WITH APPROVAL FROM LANDSCAPE ARCHITECT. LOCATE TREES APPROXIMATELY 80" FROM EDGE OF PAVEMENT.

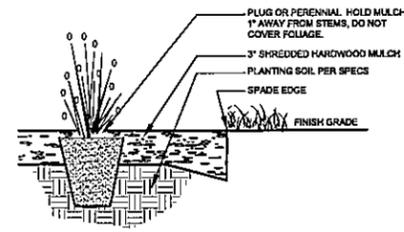
PLANT SCHEDULE					
SYMB.	SCIENTIFIC NAME	COMMON NAME	SIZE	COND.	REMARKS
WOODY PLANTS					
AS	Acer saccharum 'Commeration'	Commeration Sugar Maple	2 1/2" CAL.	B&B	
LT	Liriodendron tulipifera	Tulip Tree	2 1/2" CAL.	B&B	
TA	Tilia americana	American Basswood	2 1/2" CAL.	B&B	
Drainage Swale Plant Mix					
Plant plugs at 18" o.c. in drifts of 5-7 of same species or Seed. Provide equal numbers or seed at appropriate rates to achieve equal percentage of each plant listed:					
SCIENTIFIC NAME		COMMON NAME			
Carex vulpinoidea		Fox Sedge			
Sporobolus heterolepis		Switchgrass			
Note: If seed is installed, provide overcrop of annual grass per recommendation of native seed provider.					



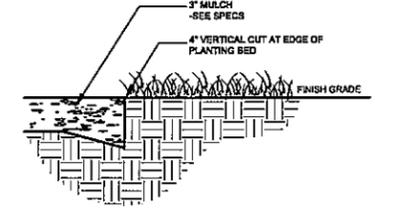
4 SITE LAYOUT PLAN
SCALE: 1"=30'



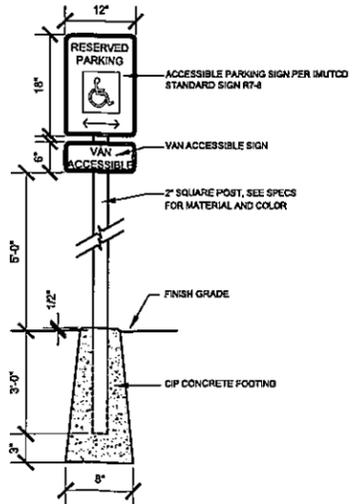
3 SECTION A
SCALE: H&V: 1"=10'



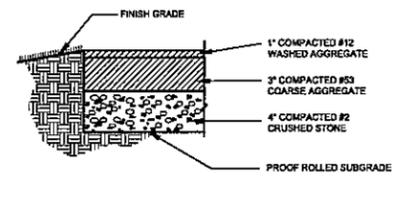
8 PLANT/PERENNIAL PLANTING
SCALE: NTS



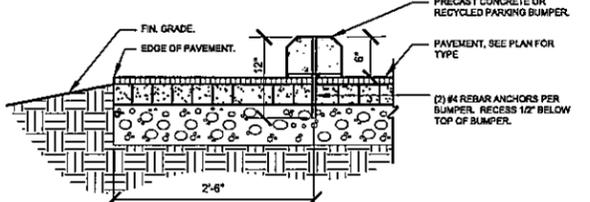
7 SPADE EDGE
SCALE: NTS



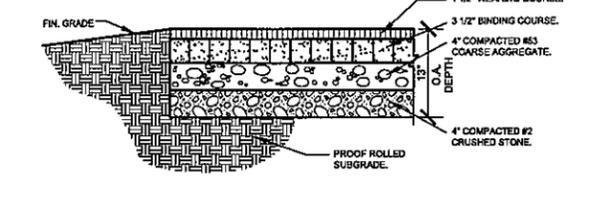
6 ADA PARKING SIGN DETAIL
SCALE: NTS



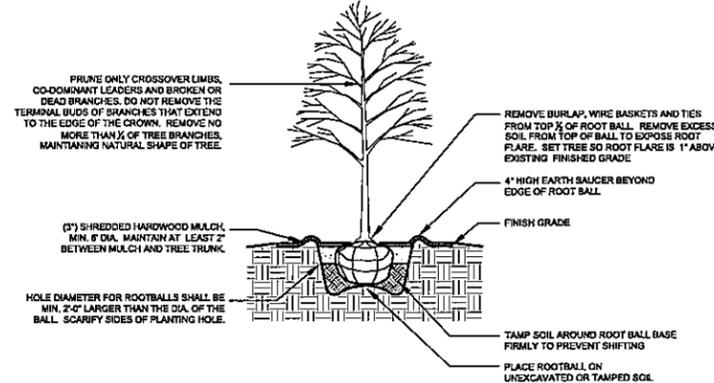
5 AGGREGATE PAVING DETAIL
SCALE: 1"=1'-0"



2 WHEEL STOP DETAIL
SCALE: 1"=1'-0"



1 ROW ASPHALT DETAIL
SCALE: 1"=1'-0"



9 TREE PLANTING
SCALE: NTS

landscape architect: **mader design** Integrating people and nature
mader design, LLC
889 S. W. 88th Ave., Indianapolis, IN 46259
P: 317.750.8827 F: 317.662.2521

client: HAMILTON COUNTY PARKS & RECREATION DEPT.

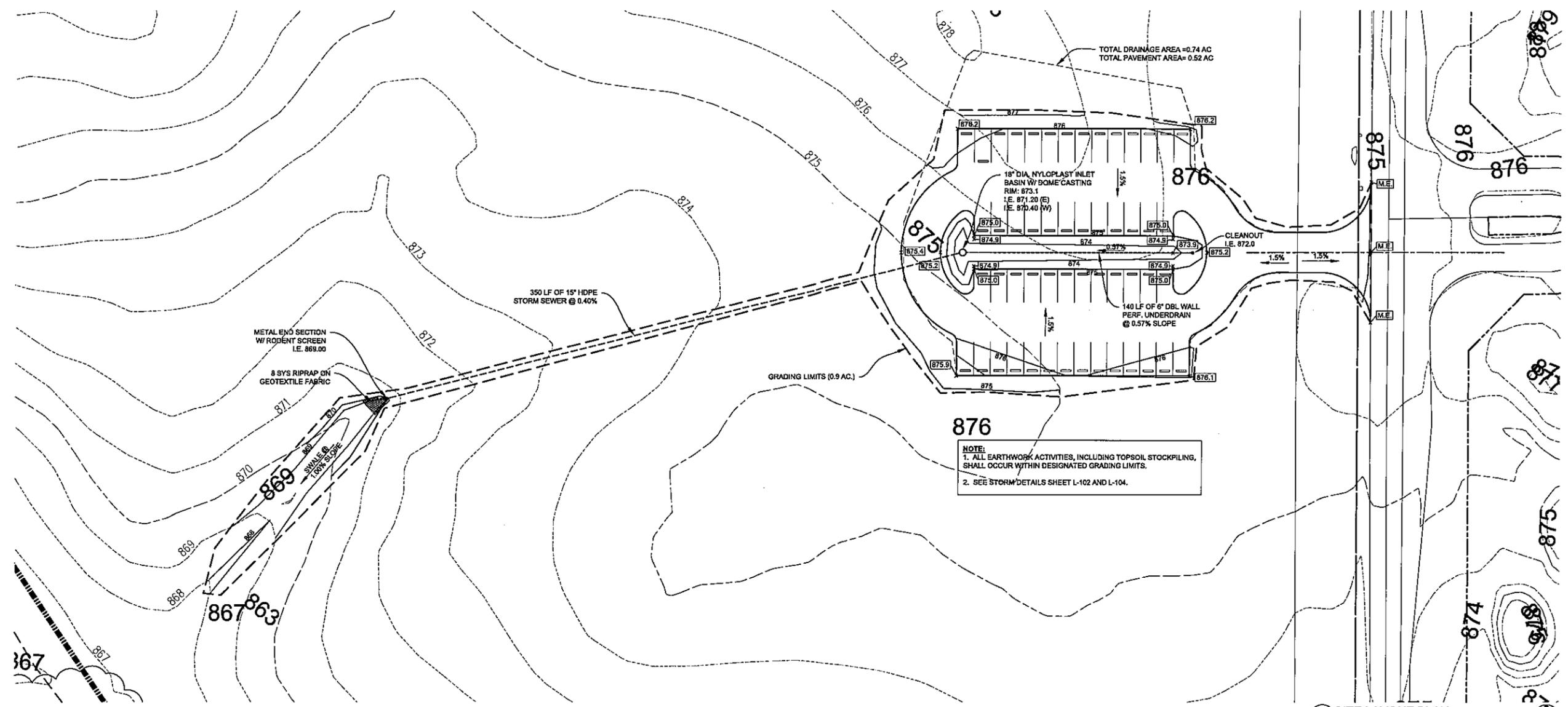
project: TAC Submittal Set
BRAY FAMILY HOMESTEAD PARK
S.R. 38 and Hinkle Rd., Hamilton County, IN

revision: date: description:

JEFFREY R. MADER REGISTERED LANDSCAPE ARCHITECT
No. LA20000264
STATE OF INDIANA

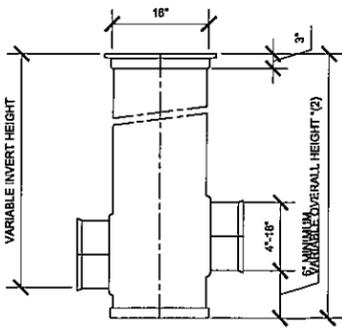
date: November 18, 2009
job #: 09044
drawn by: JRM
checked by: JRM

L-101
1 of 1



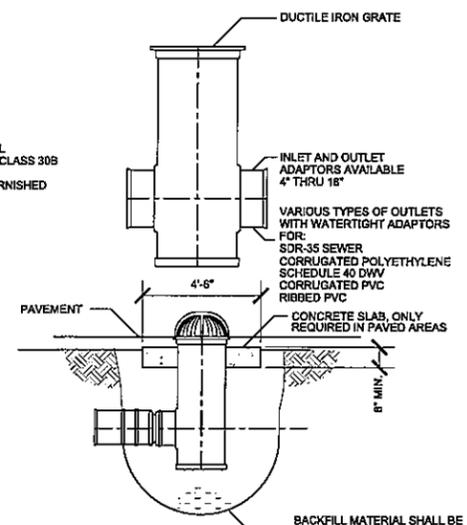
NOTE:
 1. ALL EARTHWORK ACTIVITIES, INCLUDING TOPSOIL STOCKPILING, SHALL OCCUR WITHIN DESIGNATED GRADING LIMITS.
 2. SEE STORM DETAILS SHEET L-102 AND L-104.

1 SITE LAYOUT PLAN
 SCALE: 1"=30'

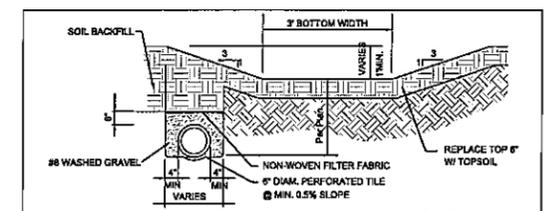


PROVIDE DOMED GRATE
 MATERIAL: DUCTILE IRON
 QUALITY: MATERIAL SHALL CONFORM TO ASTM A48 - CLASS 308
 PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT

*1) MAXIMUM RECOMMENDED OVERALL HEIGHT 10'



BACKFILL MATERIAL SHALL BE CRUSHED STONE OR GRAVEL MATERIAL MEETING CLASS 1 OR 2 AS SPECIFIED IN ASTM D2221
 BACKFILL MATERIAL SHALL BE PLACED UNIFORMLY IN 12\"/>



ST-1 SWALE UNDERDRAIN DETAIL
 SCALE: NONE

**2 NYLOPLAST 18\"/>
 SCALE: NTS**

landscape architect: **mader odesign**
 Integrating people and nature
 mader design llc
 1111 N. Indiana Ave., Indianapolis, IN 46259
 P: 317.750.8817 F: 317.862.1524

client: **HAMILTON COUNTY DEPT. OF PARKS & RECREATION**

Project: TAC Submittal Set
BRAY FAMILY HOMESTEAD PARK
 S.R. 38 and Hinkle Rd., Hamilton County, IN

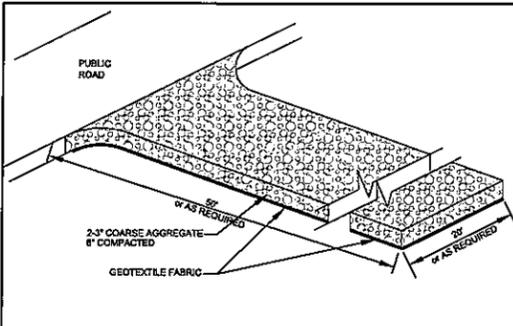
SITE GRADING & DRAINAGE PLAN

revision:	date:	description:

JEFFREY R. MADER
 REGISTERED
 No. LA20000264
 STATE OF INDIANA
 LANDSCAPE ARCHITECT

date: November 19, 2020
 job #: 1029 01
 drawn by: JTB
 checked by: JTB

L-102
 2 of 2



- MAINTENANCE REQUIREMENTS**
1. INSPECT ENTRANCE PAD AND SEDIMENT DISPOSAL AREA WEEKLY, AFTER STORM EVENTS, AND/OR HEAVY USE.
 2. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
 3. TOPDRESS WITH CLEAN STONE AS NEEDED.
 4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. FLUSH ONLY IF WATER CONVEYED TO A SEDIMENT TRAP OR BASIN.
 5. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.

EC-3 TEMPORARY CONSTRUCTION ENTRANCE
SCALE: NONE

TEMPORARY SEEDING DATES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WHEAT OR RYE												
OATS												
ANNUAL RYEGRASS												

PERMANENT SEEDING DATES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NON-IRRIGATED*												
IRRIGATED												
DORMANT SEEDING**												

■ IRRIGATION NEEDED DURING THIS PERIOD TO CONTROL EROSION AT TIMES OTHER THAN IN THE SHADED AREAS USE MULCH

* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS IF MULCH IS APPLIED

** INCREASE SEEDING APPLICATION BY 50%

TEMPORARY SEEDING RATE

TYPE OF SEED	1,000 SF	ACRE	REMARKS
WHEAT OR RYE	3.5 LBS.	2 BU.	COVER SEED 1" - 1 1/2" DEEP
SPRING OATS	2.3 LBS.	3 BU.	COVER SEED 1" DEEP
ANNUAL RYEGRASS	1 LB.	40 LB.	COVER SEED 1/4" DEEP

PERMANENT SEEDING MIXTURES

SPECIES	SEEDING RATE		SUITABLE pH	SITE SUITABILITY*	
	LBS/1 ACRE	LBS/1,000 SF		DROUGHT	WET/ DRAINED
LEVEL AND SLOPING, OPEN AREAS					
1. TALL FESCUE	35	.8	5.5-8.3	2	1, 2
2. TALL FESCUE RED CLOVER	25	.8	5.5-8.3		1
3. KENTUCKY BLUEGRASS	15	.4	5.8-7.5	2	1
4. CREEPING RED FESCUE	15	.4	5.8-7.5		
STEEP BANKS AND CUTS					
4. TALL FESCUE	15	.4	5.8-7.5	2	1, 2
5. TALL FESCUE EMERALD CROWNWEED**	25	.8	5.5-8.3	2	1
6. KENTUCKY BLUEGRASS	10	.25	5.8-7.5		
LAWNS AND HIGH MAINTENANCE AREAS					
6. KENTUCKY BLUEGRASS	40	.9	6.8-7.5	2	1
7. PERENNIAL RYEGRASS (TURF TYPE)	40	.9	5.0-7.5		
8. TALL FESCUE	170	4.0	5.5-8.3	2	1, 2

SEEDING PREPARATION

APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEED. APPLY 23 POUNDS OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1000 SF (APPROXIMATELY 1000 POUNDS PER ACRE) OR FERTILIZE ACCORDING TO TEST APPLICATION OF 150 LBS. OF AMMONIUM NITRATE ON AREAS LOW IN ORGANIC MATTER AND FERTILITY WILL GREATLY ENHANCE VEGETATIVE GROWTH.

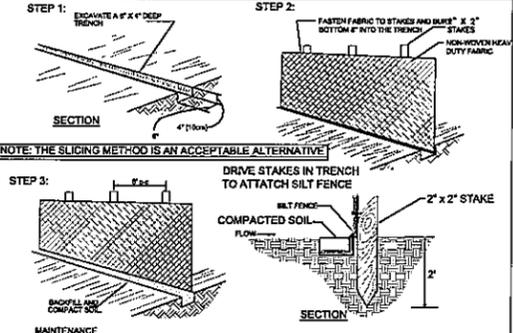
WORK THE FERTILIZER AND LIME INTO THE SOIL TO A DEPTH OF 2-3 INCHES WITH A HARROW, DISK OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE.

DO NOT USE PHOSPHOROUS CONTAINING FERTILIZERS (12-12-12) UNLESS SOIL TEST SHOW A DEFICIENCY IN PHOSPHOROUS.

SEEDING

SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA (SEE PERMANENT SEED MIXTURE CHART), WHILE CONSIDERING BEST SEEDING DATES. IF PERMANENT SEEDING IS NOT PERMITTED USE TEMPORARY SEEDING UNTIL PERMANENT SEEDING CAN BE APPLIED. IF TOLERANCES ARE A PROBLEM, SUCH AS SALT TOLERANCE OF SEEDINGS ADJACENT TO STREETS AND HIGHWAYS, SEE SEED TOLERANCE CHART.

EC-2 SEASONAL SOIL PROTECTION CHART
SCALE: NONE



- MAINTENANCE**
1. INSPECT THE SILT FENCE PERIODICALLY AND AFTER EACH STORM EVENT.
 2. IF FENCE FABRIC TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
 3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT OR IS CAUSING THE FABRIC TO BULGE.
 4. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEAN OUT.
 5. AFTER THE CONTROLLING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE.

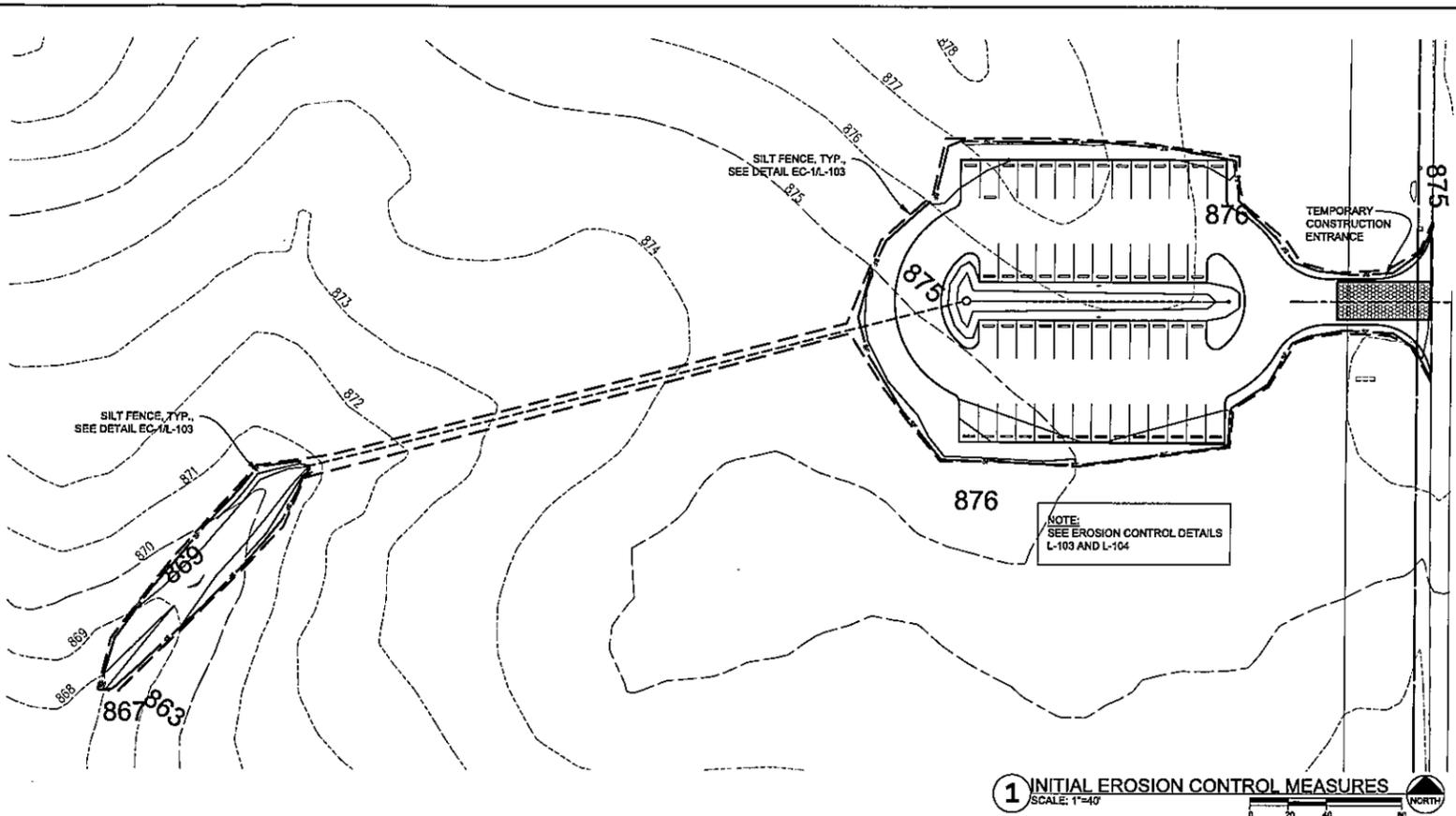
EC-1 SILT FENCE BARRIER INSTALLATION
SCALE: NONE

EROSION CONTROL NOTES

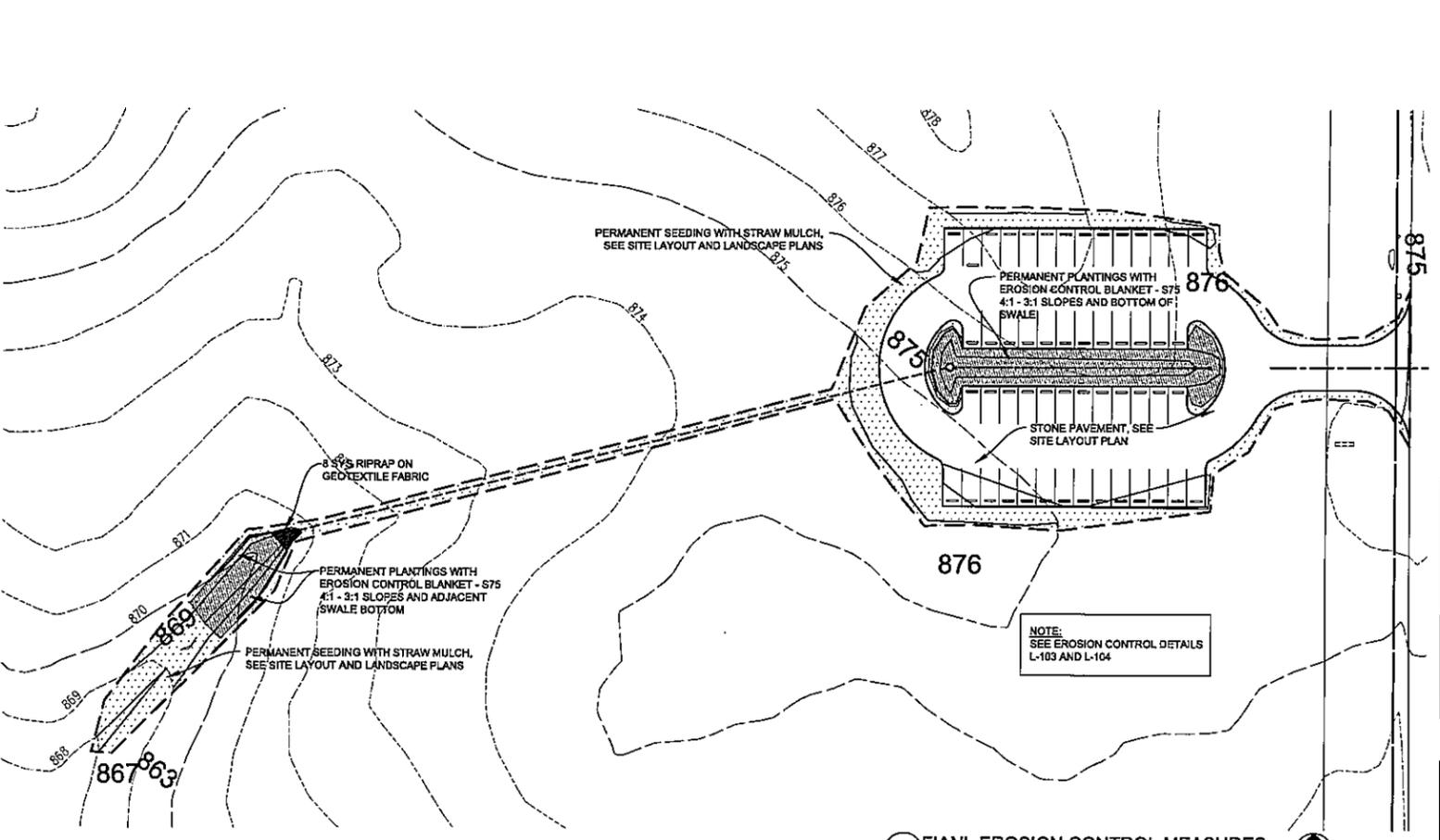
1. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED THE MINIMUM PRACTICES NECESSARY FOR COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AS IDENTIFIED UNDER SECTION 327-AJ-100 OF THE INDIANA ADMINISTRATIVE CODE. HOWEVER, SITE CONDITIONS, CONSTRUCTION METHODS, SEQUENCING OF WORK AND GENERAL PRACTICE MAY WARRANT VARIATION AND/OR ADDITIONS TO THE QUANTITIES AND LOCATIONS OF MEASURES AS SHOWN.
2. THE ANTICIPATED LAND DISTURBANCE ASSOCIATED WITH THIS PROJECT IS LESS THAN 1 ACRE. THEREFORE, THE OWNER IS NOT REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) LETTER TO THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PER SECTION 327-AJ-15.3 OF THE INDIANA ADMINISTRATIVE CODE.
3. UNLESS OTHERWISE SHOWN, TEMPORARY CONTROL MEASURES SHALL BE REMOVED UPON SATISFACTORY ESTABLISHMENT OF PERMANENT VEGETATION.
4. SEE SHEET L-104 FOR DETAILS REFERENCED ON THIS SHEET.
5. PERIMETER CONTROL MEASURES (I.E. SILT FENCE, DIVERSION DITCHES, TREE PROTECTION FENCING) SHALL BE INSTALLED PRIOR TO COMMENCING EARTHWORK ACTIVITIES.
6. IN ADDITION TO THE MAINTENANCE REQUIREMENTS IDENTIFIED FOR INDIVIDUAL MEASURES, ALL EROSION CONTROL MEASURES INSTALLED UNDER THIS PROJECT SHALL BE INSPECTED WEEKLY TO ENSURE THEY ARE FUNCTIONING PROPERLY. MEASURES FOUND TO BE DEFICIENT SHALL BE REPAIRED OR REPLACED IMMEDIATELY THEREAFTER.
7. THE CONTRACTOR SHALL MAINTAIN A STABLE CONSTRUCTION ENTRANCE AT ALL TIMES AND SHALL MAKE EFFORTS TO MINIMIZE THE ACCUMULATION OF SOIL, MUD AND DEBRIS ON ADJOINING ROADWAYS.
8. TEMPORARY SOIL STOCKPILES SHALL BE CONSTRUCTED IN A MANNER SUCH THAT PROPER DRAINAGE OF THE SITE IS NOT IMPEDED. STOCKPILES SHALL BE CONTAINED WITHIN A PERIMETER CONTROL MEASURE (I.E. SILT FENCE, STRAW BALES OR OTHER BARRIERS) TO TRAP SEDIMENT. STOCKPILES THAT WILL REMAIN IN EXCESS OF 15 DAYS SHALL BE TEMPORARILY SEEDED.

EROSION CONTROL SEQUENCE

1. SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE HAMILTON COUNTY SURVEYOR'S OFFICE.
2. BEFORE CONSTRUCTION, MARK PROJECT LIMITS AND ANY AREA WITH SUITABLE VEGETATION FOR FILTER STRIPS IN PERIMETER AREAS.
3. INSTALL TEMPORARY CONSTRUCTION ENTRANCE.
4. INSTALL INITIAL PERIMETER PRACTICES, INCLUDING PERIMETER SILT FENCE.
5. STRIP TOPSOIL, STOCKPILE QUANTITIES NECESSARY FOR COMPLETION OF THE PROJECT AND REMOVE EXCESS FROM THE SITE. SEED STOCKPILES.
6. BEGIN MASS EARTHWORK, INSTALL STORM SEWER OUTLET FOR RAIN GARDEN, COMPLETE GRADING OF SWALE, INSTALL EROSION CONTROL BLANKETS AND SEED BANKS.
7. INSTALL INLET PROTECTION AS INLETS ARE INSTALLED. INSTALL RIPRAP AT PIPE OUTLET AS PIPE IS INSTALLED.
8. COMPLETE FINE GRADING.
9. INSTALL STONE BASE FOR DRIVES AND PARKING AREAS AS SOON AS GRADE IS ESTABLISHED.
10. REMOVE TEMPORARY EROSION CONTROL PRACTICES AFTER VEGETATION IS ESTABLISHED AND PROJECT SITE IS PERMANENTLY STABILIZED.
11. MAINTAIN EROSION AND SEDIMENT PRACTICES THROUGHOUT THE DURATION OF THE PROJECT.



1 INITIAL EROSION CONTROL MEASURES
SCALE: 1"=40'



1 FINAL EROSION CONTROL MEASURES
SCALE: 1"=40'

landscape architect: **mader o design**
integrating people and nature
mader design llc
1000 N. 10th St., Indianapolis, IN 46209
P: 317.259.8817 F: 317.662.1521

client: HAMILTON COUNTY DEPT. OF PARKS & RECREATION

project: TAC Submittal Set
BRAY FAMILY HOMESTEAD PARK
S.R. 38 and Hankle Rd., Hamilton County, IN

EROSION CONTROL MEASURES PLANS

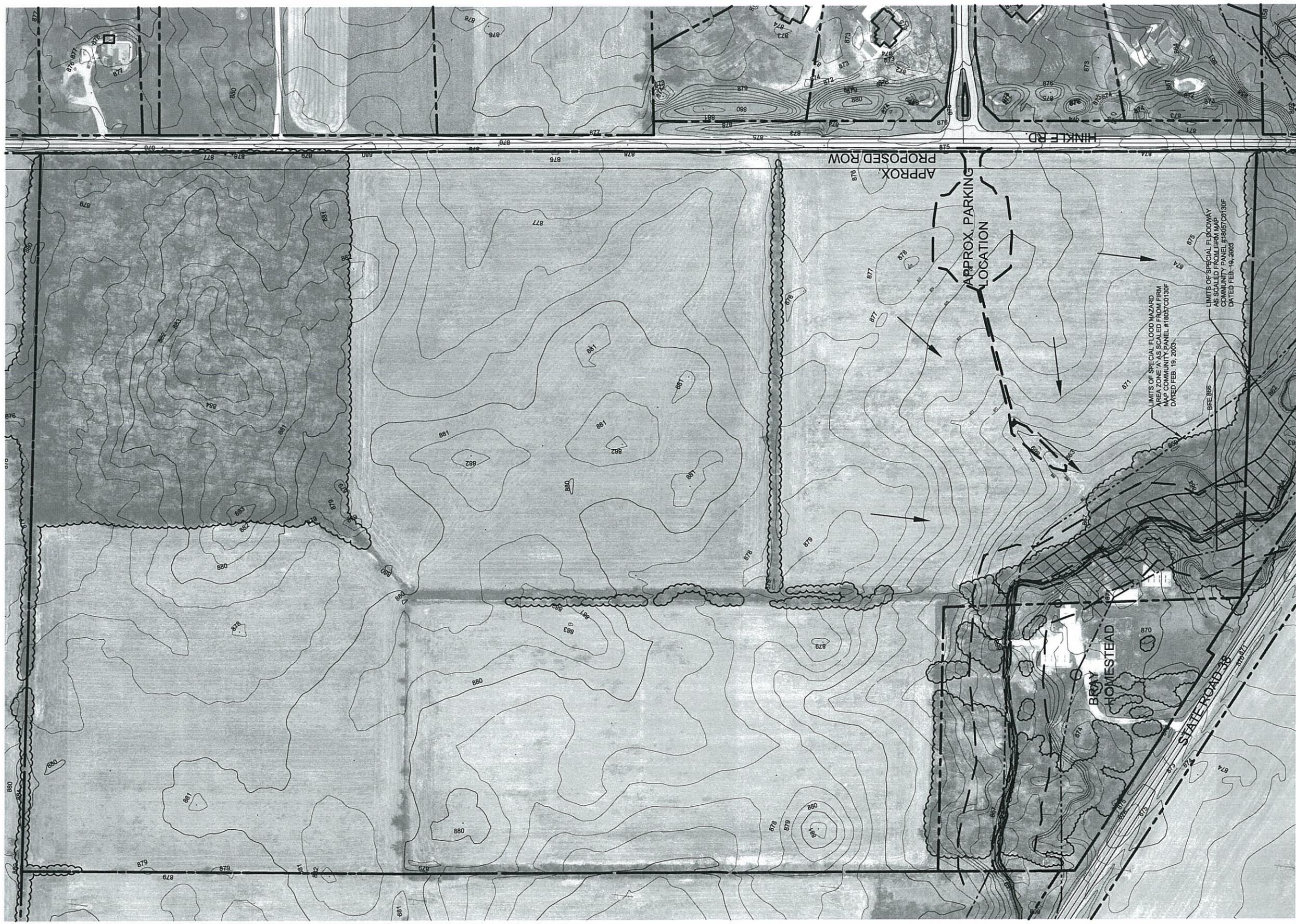
revision: date: description:

REGISTERED LANDSCAPE ARCHITECT
JEFFREY R. MADER
No. LA20000264
STATE OF INDIANA

DATE: November 26, 2009
JOB #: 1024 RL
DRAWN BY: JRM
CHECKED BY: JRM

THESE MEASURES ARE THE PROPERTY OF THE ARCHITECT AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

L-103
2 of 2



Overall Existing Site Plan

Bray Family Homestead Park

Hamilton County Parks & Recreation
S.R. 38 and Hinkle Road

November 20, 2009



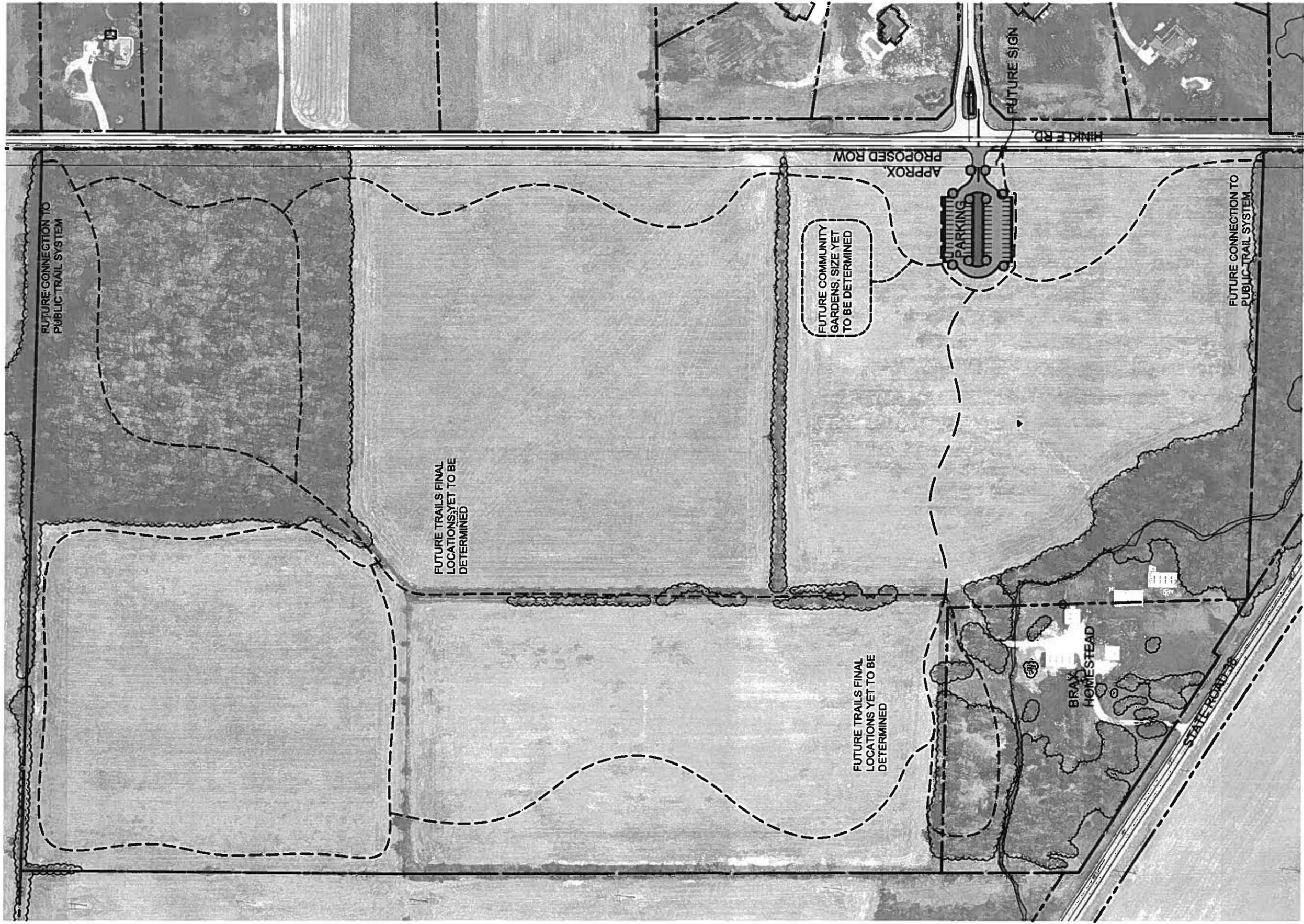
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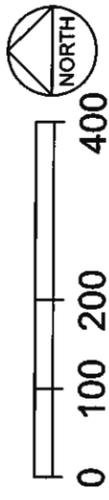
WESTFIELD COMMUNITY
DEVELOPMENT DEPARTMENT



**mader
design**
Integrating people and nature



Overall Existing Site Plan

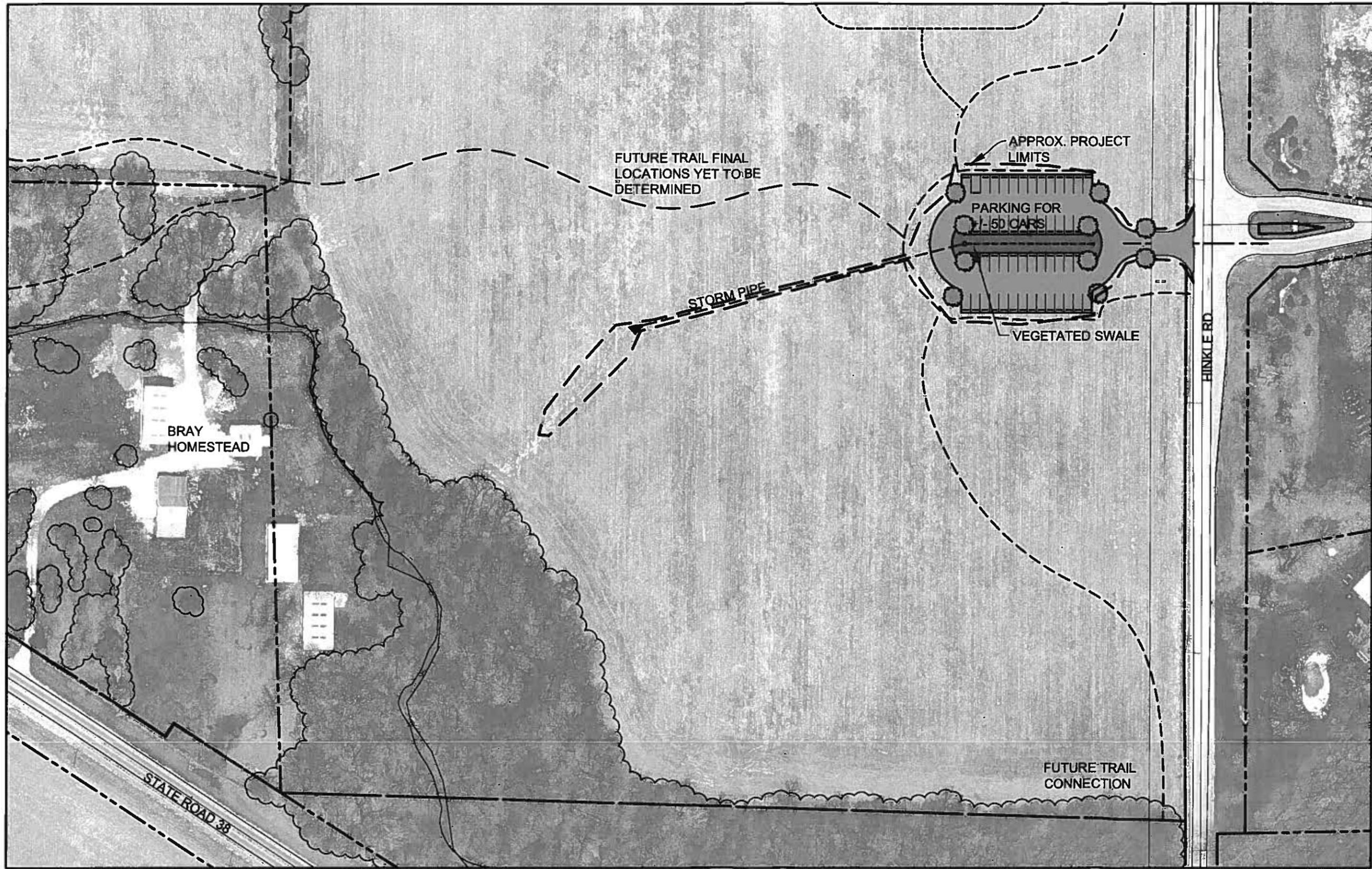


Bray Family Homestead Park

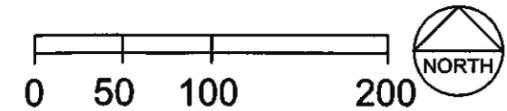
Hamilton County Parks & Recreation
 S.R. 38 and Hinkle Road

November 25, 2009





Site Layout Plan



Bray Family Homestead Park

Hamilton County Parks & Recreation
S.R. 38 and Hinkle Road

November 25, 2009

