

SEC 4 - T 23 N - R 5 W

PURDUE

UNIVERSITY

BECK AGRICULTURAL CENTER PARKING LOT PAVING-2010

PROJECT ID: 109657
(CONSTRUCTION PLANS)
TIPPECANOE COUNTY

OWNER: PURDUE UNIVERSITY
401 S. GRANT STREET
WEST LAFAYETTE, IN 47907-1650
(765) 496-1998

INDEX	
SHEET NO.	SHEET DESIGNATION
C100	TITLE, LOCATION, & INDEX SHEET
C101	SITE SURVEY
C102	SITE UTILITIES
C103	SITE LAYOUT PLAN
C104	GRADING AND DRAINAGE
C105	STORMWATER POLLUTION PREVENTION PLAN
C106	STORMWATER POLLUTION PREVENTION SPECIFICATIONS
C107	STORMWATER POLLUTION PREVENTION DETAILS
C108	GENERAL DETAILS
E101	DEMOLITION PLANS AND HANDHOLE DETAILS
E102	CONSTRUCTION PLANS AND POLE BASE DETAILS
REF E100	EXISTING FACILITY REFERENCE DWG E100
REF E501	EXISTING FACILITY REFERENCE DWG E501

LAT. 40°28'09.5"N
LONG. 86°59'30.8"W

REVISIONS		
SHEET NO.	DATE	ITEM
C103, C104, C105	5/26/2010	REVISED SOUTH ROAD 24' WIDE

NOTES:

- ALL CONTRACTORS AND SUBCONTRACTORS SHALL SATISFY THEMSELVES AS TO THE EXISTING CONDITIONS OF THE PROJECT SITE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN CONNECTION WITH EXISTING AND/OR NEWLY CONSTRUCTED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES AND MUST NOTIFY THE ENGINEER/ARCHITECT AND THE PROJECT MANAGER OF ANY AND ALL DISCREPANCIES INDICATED BY THE PROJECT DOCUMENTS FOUND DURING BIDDING AND PRIOR TO PROCEEDING WITH THE WORK.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY AND COORDINATE ALL WORK WITH ALL UTILITIES INVOLVED.
- THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2010 SHALL BE MADE A PART OF THIS CONTRACT.



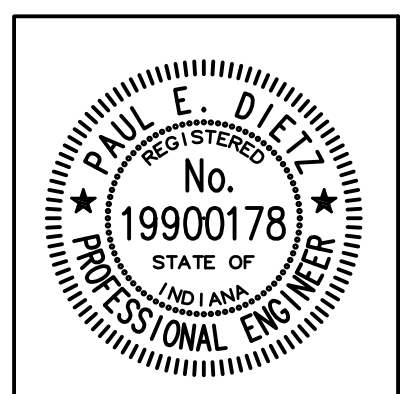
AREA MAP



SITE LOCATION

PLANS PREPARED BY:

Kline
H. Stewart Kline & Associates, Inc.
CONSULTING ENGINEERS & ARCHITECTS
106 South 16th Street Lafayette, Indiana 47905



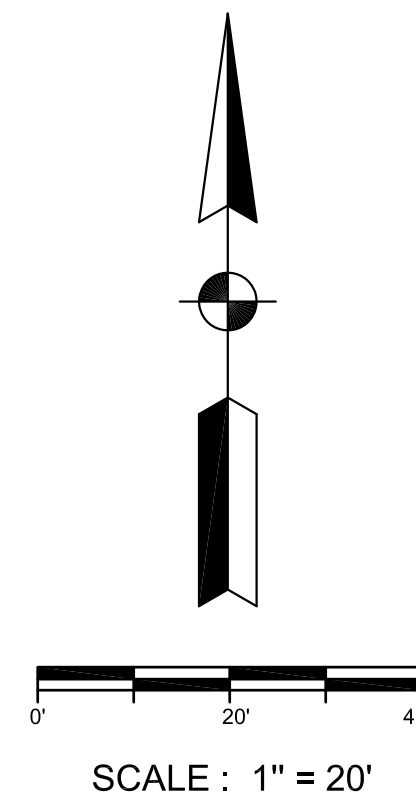
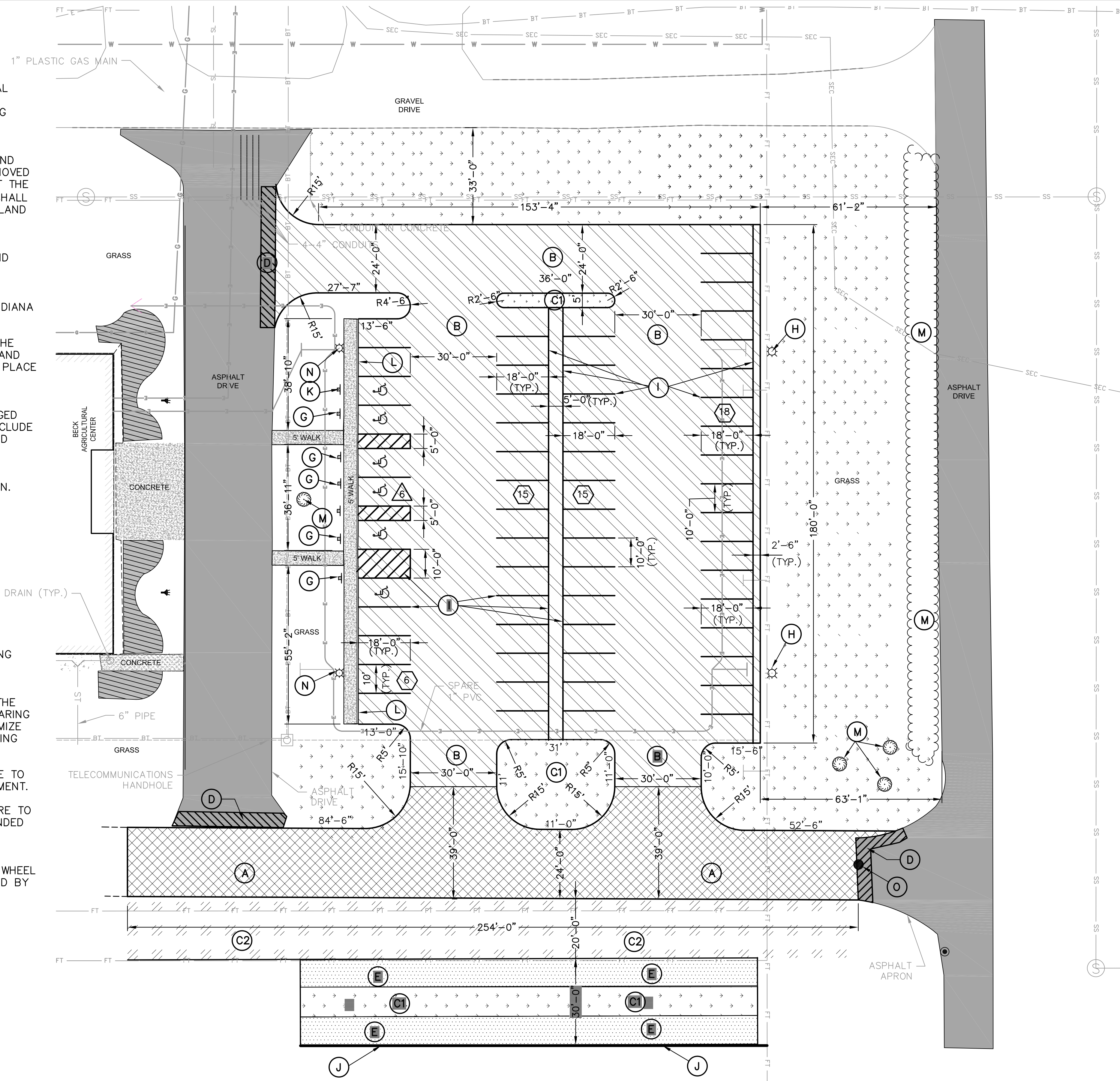
CERTIFIED BY _____ DATE 5/10/10

GENERAL NOTES

1. ALL NECESSARY PERMITS AND APPROVAL FROM AGENCIES GOVERNING THIS WORK SHALL BE SECURED PRIOR TO BEGINNING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL PROPERTY CORNERS AND REPLACEMENT OF ANY MONUMENTS REMOVED OR DAMAGED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE. MONUMENTS SHALL BE REPLACED BY A LICENSED INDIANA LAND SURVEYOR.
3. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BENCH MARKS AND LOCATING BENCHMARKS IF NECESSARY. BENCHMARKS SHALL BE RELOCATED TO ORIGINAL ELEVATION AND SHALL BE REPLACE/RELOCATED BY A LICENSED INDIANA LAND SURVEYOR.
4. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL CONDUIT AND FIELD TILE. THESE ITEMS SHALL BE IN PLACE PRIOR TO ANY ABOVE GROUND WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ANY EXISTING ITEMS DAMAGED DURING CONSTRUCTION. THESE MAY INCLUDE SIGNS, TREES, CONDUITS, PAVEMENT AND CURBS.
6. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING CONSTRUCTION. ACCESS TO ALL BUILDINGS SHALL BE MAINTAINED AT ALL TIMES.

SITE LAYOUT NOTES

1. SITE CONTRACTOR SHALL MATCH EXISTING PAVEMENT AND CURB IN GRADE AND ALIGNMENT.
2. SITE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE FINAL ASPHALT WEARING COURSE ON ALL PAVED AREAS TO MINIMIZE CONSTRUCTION TRAFFIC ON FINAL WEARING SURFACE.
3. ALL RADII AND OTHER DIMENSIONS ARE TO THE BACK OF CURB OR EDGE OF PAVEMENT.
4. EXISTING LIGHT POLES ON EAST SIDE ARE TO BE RELOCATED TO EAST SIDE OF EXPANDED PARKING LOT APPROXIMATE LOCATIONS SHOWN.
5. CONTRACTOR SHALL SALVAGE EXISTING WHEEL STOPS AND STORE ON SITE AS DIRECTED BY OWNER.



LEGEND

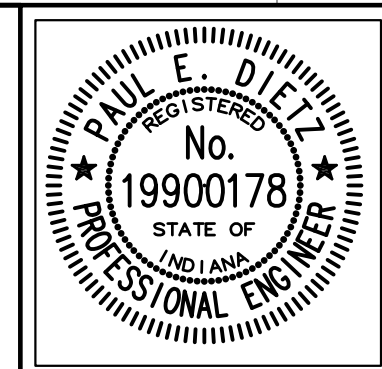
- = 2" MAG NAIL WITH 1-1/2" DIAMETER STAINLESS STEEL WASHER STAMPED "WESTER & ASSOC L.S. FIRM 0004" SET AT GRADE, UNLESS OTHERWISE NOTED
- ⊥ = EXISTING HANDI CAP SIGN
- ⊥ = EXISTING SURFACE LIGHTING
- ⊥ = EXISTING LIGHT POST
- MH ○ = EXISTING MANHOLE
- COM.MH ○ = EXISTING TRAFFIC SIGNAL MANHOLE
- ▨ = EXISTING ASPHALT
- ▨ = EXISTING CONCRETE
- ▨ = EXISTING LANDSCAPE BED
- = DECIDUOUS TREE (SAPLING)
- ☁ = TREE ROW

PARKING SUMMARY

- ⬡ = PROPOSED 10'x18' PARKING SPACES IN ROW - 54 SPACES TOTAL
- ⬡ = PROPOSED 10'x18' ADA PARKING SPACES IN ROW - 6 SPACES TOTAL

NOTE: ALL STRIPES TO BE 4" PAINTED. (CONTRACTOR TO CONFIRM COLOR FOR ACCESSIBLE STRIPING WITH OWNER)

REVISIONS	
DATE	ITEM
5/26/2010	REVISED HEAVY DUTY HMA ASPHALT LIMITS

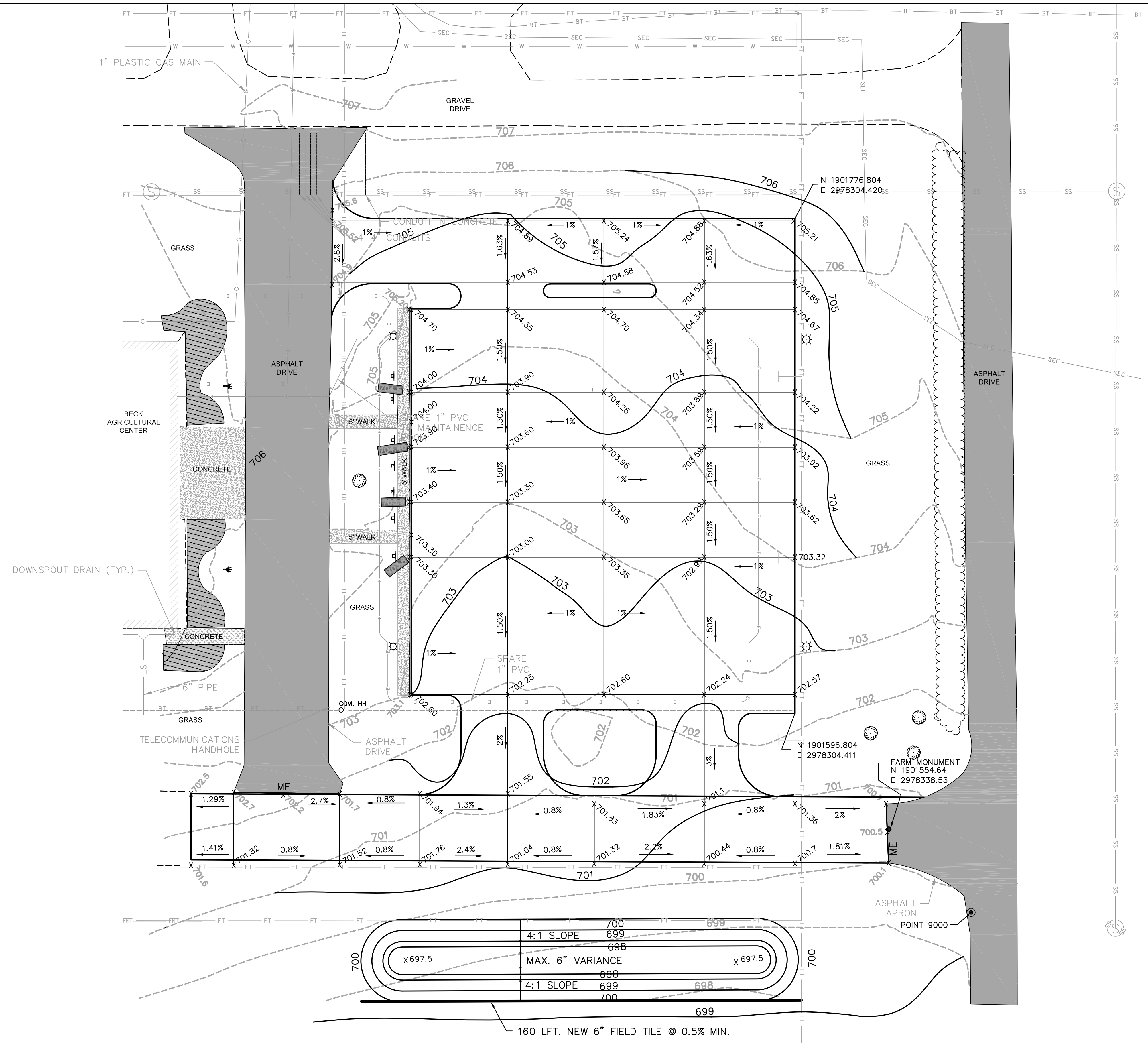


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	5-10-10	DATE
DESIGNED: PED	DRAWN: K.R.Yurkus		
CHECKED: SWK	CHECKED: SWK		

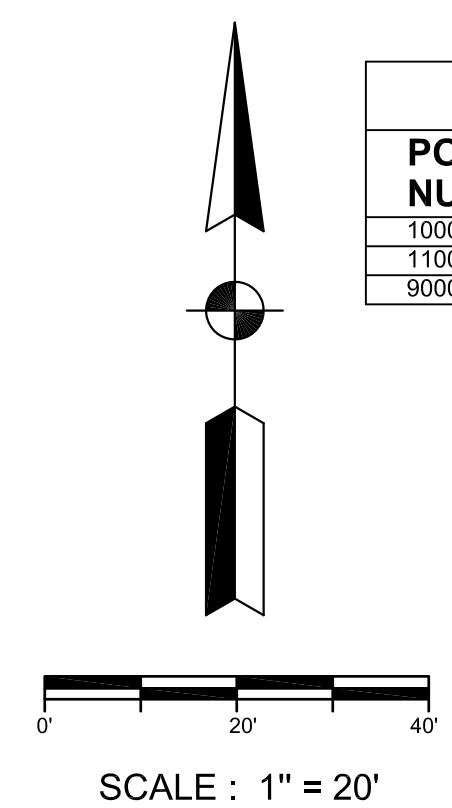
**BECK AGRICULTURAL CENTER
PARKING LOT PAVING-2010**

SITE LAYOUT PLAN

HORIZONTAL SCALE	AS SHOWN	FPIN	109657
VERTICAL SCALE	AS SHOWN	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	C103 of 13
CONTRACT	N/A	PROJECT	10-507



CONTROL INFORMATION				
POINT NUMBER	DESCRIPTION	NORTHING	EASTING	ELEVATION
1000	CAPPED REBAR	1901870.204	2978056.844	707.27
1100	MAG NAIL	1901885.978	2978366.628	708.06
9000	MAG NAIL	1901524.378	2978368.478	699.67



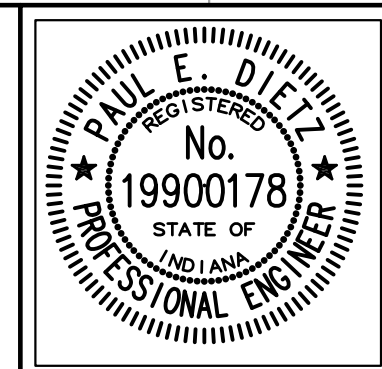
GRADING NOTES

- GRADES SHOWN ARE FINISHED GRADES. FOR SUBGRADE ELEVATION, SEE PAVING SECTIONS AND DETAILS.
- ALL GRADES AT CONSTRUCTION LIMITS SHALL MEET EXISTING GRADES.
- REFER TO SITE LAYOUT PLAN FOR GENERAL NOTES.
- CONTRACTOR SHALL ADJUST ANY EXISTING SURFACE UTILITY INFRASTRUCTURE (RIMS, VALVES, CASTINGS, GRATES, HANDHOLES ETC.) TO MATCH PROPOSED FINISH GRADE.
- CONTRACTOR SHALL LOCATE EXISTING FARM MONUMENT, SURVEY LOCATION AND RESET WITH TYPE B MONUMENT.
- CONTRACTOR SHALL VERIFY EXISTING TILE ELEVATION PRIOR TO CONSTRUCTING OF NEW FIELD TILE.

LEGEND

- NEW FIELD TILE
- PROPOSED CONTOUR
- EXISTING CONTOUR
- EXISTING ELEVATION
- PROPOSED ELEVATION
- FLOW ARROW
- MATCH EXISTING

REVISIONS	
DATE	ITEM
5/26/2010	REVISED TILE NOTATION



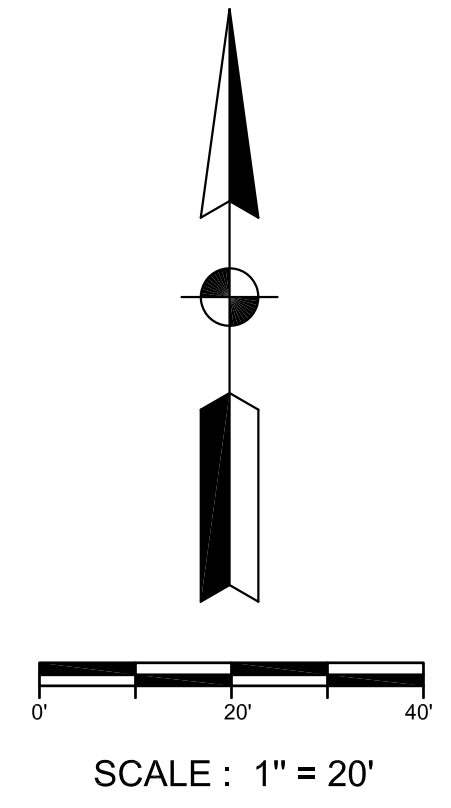
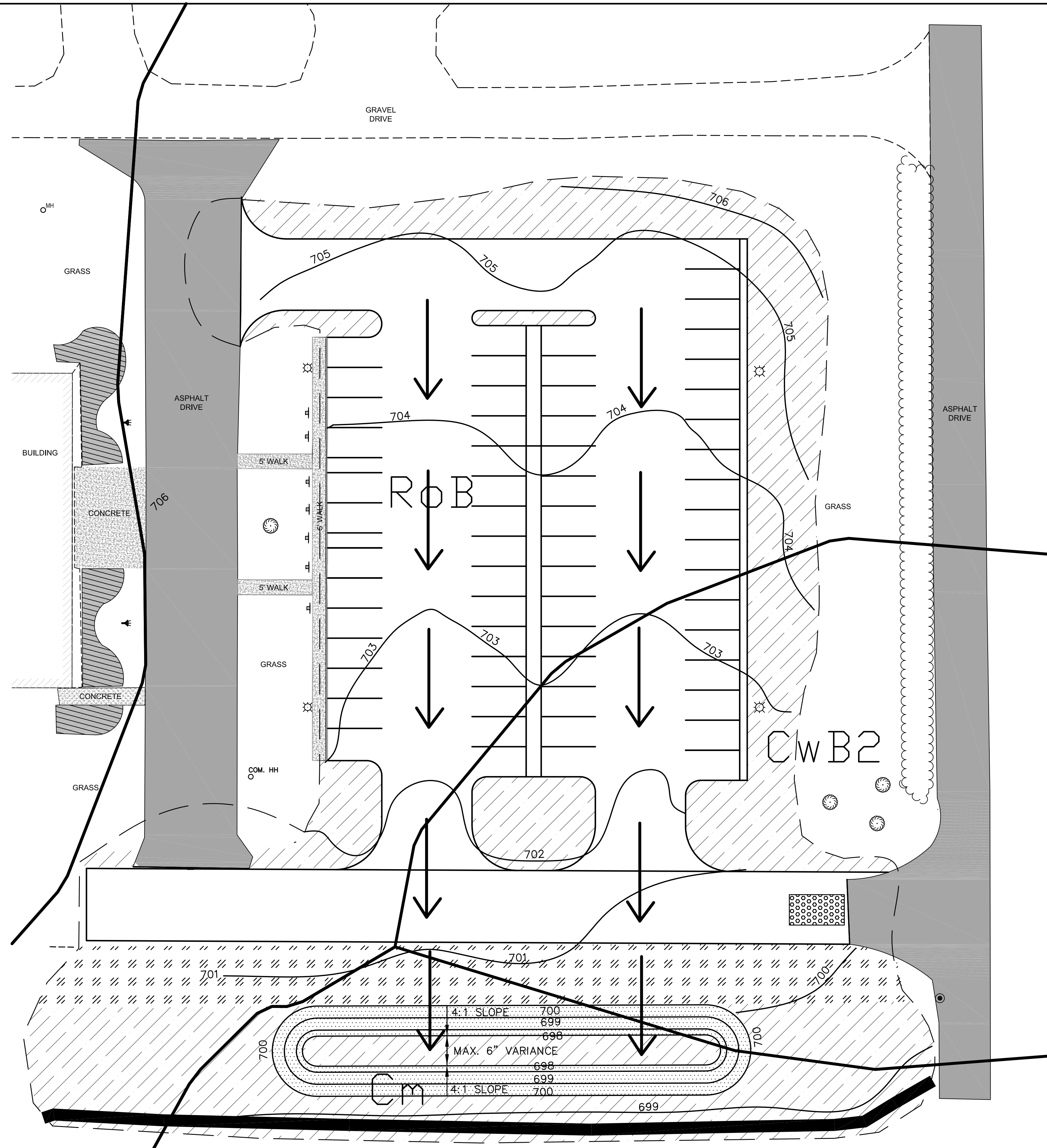
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	5-10-10	DATE
DESIGNED: PED	DRAWN: K.R.Yurkus		
CHECKED: SWK	CHECKED: SWK		

**BECK AGRICULTURAL CENTER
PARKING LOT PAVING-2010**

GRADING PLAN

HORIZONTAL SCALE	AS SHOWN	FPIN	109657
VERTICAL SCALE	AS SHOWN	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	C104 of 13
CONTRACT	N/A	PROJECT	10-507

OWNER CONTACT:
 JAMES J. BEATY
 PURDUE UNIVERSITY
 AGRONOMY FARM
 (765) 463-2632



SOIL LEGEND

SYMBOL	DESCRIPTION	RATING
CwB2	CROSBY-MIAMI COMPLEX, 2 TO 6 PERCENT SLOPES, ERODED	MODERATE
RoB	ROCKFIELD SILT LOAM, 1 TO 3 PERCENT SLOPES	SLIGHT
Cm	CHALMERS SILTY CLAY LOAM	SLIGHT

SOILS MAP REPRESENTS ORIGINAL SOILS, PRIOR TO DISTURBANCE

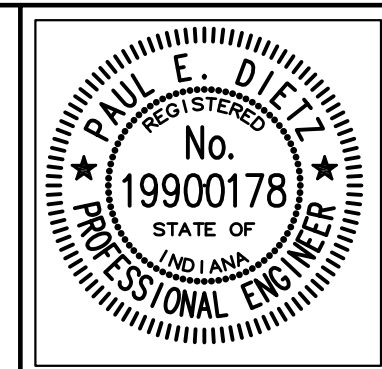
NOTE:
 NO CONSTRUCTION TRAFFIC SHALL BE PERMITTED TO ACCESS THE SITE FROM THE WEST, NORTH OR SOUTH. ALL CONSTRUCTION TRAFFIC MUST ENTER THE SITE FROM THE MAIN ACCESS DRIVE.

SEE SHEET C107 FOR TECHNICAL REVIEW CHECKLIST

LEGEND

- CONSTRUCTION LIMITS
- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY SILT FENCE
- EMERGENCY ROUTING
- PERMANENT SEEDING
- SODDING
- EROSION CONTROL BLANKET

REVISIONS	
DATE	ITEM
	REVISED SOUTH ROAD 24' WIDE



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	5-10-10	DATE
DESIGNED: PED	DRAWN: LTJ		
CHECKED: SWK	CHECKED: PED		

**BECK AGRICULTURAL CENTER
 PARKING LOT PAVING-2010**

**STORMWATER POLLUTION
 PREVENTION PLAN**

HORIZONTAL SCALE	AS SHOWN	FPIN	109657
VERTICAL SCALE	AS SHOWN	DESIGNATION	N/A
SURVEY BOOK	N/A	SHEETS	C105 of 13
CONTRACT	N/A	PROJECT	10-507