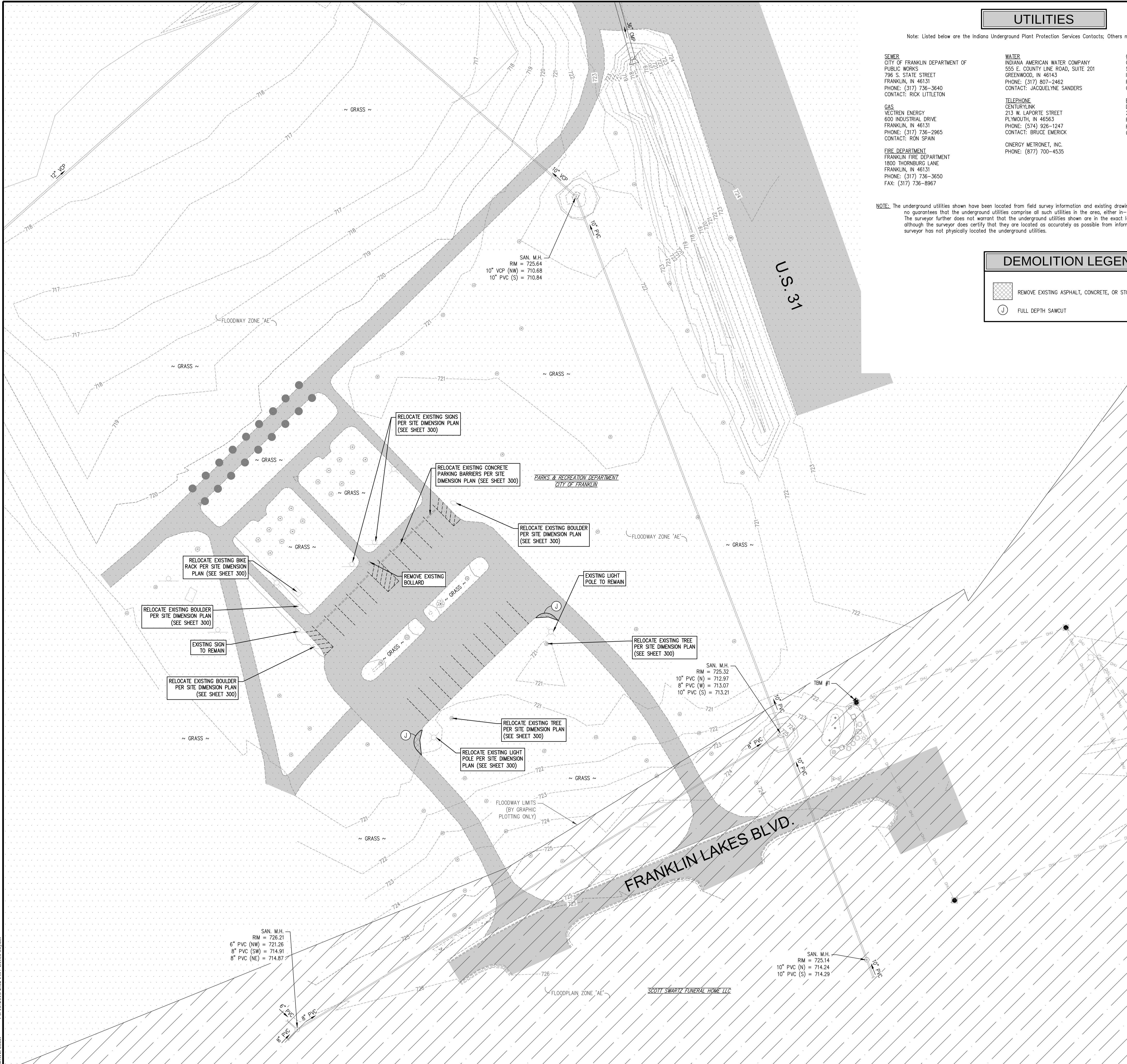


DIRECTORY PATH : R:\active\Franklin, City 2012 Park Bond\CAD\PLANS\BLUE HERON
DATE/USER : 6/10/2013 2:02 PM / Derek Snyder



UTILITIES

Note: Listed below are the Indiana Underground Plant Protection Services Contacts; Others not listed may exist.

SEWER
CITY OF FRANKLIN DEPARTMENT OF
PUBLIC WORKS
796 S. STATE STREET
FRANKLIN, IN 46131
PHONE: (317) 736-3640
CONTACT: RICK LITTLETON

GAS
VECTREN ENERGY
600 INDUSTRIAL DRIVE
FRANKLIN, IN 46131
PHONE: (317) 736-2965
CONTACT: RON SPAIN

FIRE DEPARTMENT
FRANKLIN FIRE DEPARTMENT
1800 THORNBERG LANE
FRANKLIN, IN 46131
PHONE: (317) 736-3650
FAX: (317) 736-8967

WATER
INDIANA AMERICAN WATER COMPANY
555 E. COUNTY LINE ROAD, SUITE 201
GREENWOOD, IN 46143
PHONE: (317) 807-2462
CONTACT: JACQUELYNE SANDERS

TELEPHONE
CENTURYLINK
213 W. LAPORTE STREET
PLYMOUTH, IN 46563
PHONE: (574) 926-1247
CONTACT: BRUCE EMERICK

CINERGY METRONET, INC.
PHONE: (877) 700-4535

CABLE
COMCAST
5330 E. 65TH STREET
INDIANAPOLIS, IN 46220
PHONE: (317) 275-8415
CONTACT: BILL MOORE

ELECTRIC
DUKE ENERGY
2525 N. MORTON STREET
PHONE: (317) 736-2017
FAX: (317) 736-2028
CONTACT: COREY HAMLIN

DEMOLITION LEGEND

- REMOVE EXISTING ASPHALT, CONCRETE, OR STONE
- FULL DEPTH SAWCUT

EXISTING LEGEND

- POWERPOLE
 - LIGHT POLE
 - ELECTRIC METER
 - ELECTRIC BOX
 - YARD LIGHT
 - GUIDE WIRE
 - TELEPHONE MANHOLE
 - TELEPHONE RISER
 - WATER VALVE
 - FIRE HYDRANT
 - WELL
 - WATER MANHOLE
 - WATER METER
 - GAS VALVE
 - GAS VALVE
 - CABLE TV RISER
 - CLEANOUT
 - MAILBOX
 - STORM ROUND INLET
 - STORM CURB INLET
 - RIGHT-OF-WAY MARKER
 - TREE & BUSH
 - TEMP. BENCHMARK
 - MONUMENT FOUND
- CONTOURS
 - PROPERTY LINE
 - SECTION LINE
 - RIGHT-OF-WAY
 - ADJOINER LINE
 - PAVEMENT LINE
 - FIELD LINE
 - PRIVACY FENCE
 - CHAINLINK FENCE
 - SPLIT RAIL FENCE
 - WIRE FENCE
 - DITCH
 - GAS LINE
 - TELEPHONE LINE
 - WATER LINE
 - CABLE TV LINE
 - ELECTRIC LINE
 - OVERHEAD UTILITY LINE
 - TREE LINE
 - SANITARY SEWER
 - W/ MANHOLE
 - STORM SEWER
 - W/ MANHOLE
 - END SECTION
- ASPHALT
 - GRAVEL
 - BUILDING
 - WOODS
 - CONCRETE REMOVAL/DEMOLISH

NOTE: UNHATCHED AREAS SHOWN AS FLOODPLAIN-ZONE "X" ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN

TOPOGRAPHICAL NOTES

- CONTRACTOR SHALL DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
- UTILITIES ARE GRAPHICAL REPRESENTATION PER SURVEY AND MAPPING. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.

FLOODPLAIN INFORMATION

BY GRAPHIC PLOTTING ONLY, PROJECT SITE HEREON LIES WITHIN THE REGULATED FLOODWAY ZONE "AE" (AREAS WITHIN THE 1% ANNUAL CHANCE FLOOD (100 YEAR FLOOD) WITH BASE FLOOD ELEVATIONS DETERMINED) AS PLOTTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR JOHNSON COUNTY, INDIANA, COMMUNITY PANEL NO. 18081 C 0227 D, WHICH BEARS AN EFFECTIVE DATE OF AUGUST 2, 2007.

BENCHMARK INFORMATION

NGS BENCHMARK
DES - X 13
PID - KA0010

VERT ORDER - FIRST CLASS II

AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, ABOUT 2 FEET HIGHER THAN THE HIGHWAY. A STANDARD DISK, STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.

ITEM #1:
OUT "X" ON THE NORTH ANCHOR BOLT OF THE SIGNAL POLE LOCATED IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF U.S. 31 AND FRANKLIN LAKES BOULEVARD.
ELEV. = 722.81

EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

Indiana 811
Know what's below. Call before you dig.
"IT'S THE LAW"
CALL & WORKING DAYS BEFORE 800 96
1-800-382-5544 or 811
CALL TOLL FREE
PER INDIANA STATE LAW (8-49-1991) IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

DEMOLITION NOTES

- CONTRACTOR SHALL PROVIDE A FULL-DEPTH SAWCUT AT ALL LOCATIONS WHERE PAVEMENT IS REMOVED AND AT ALL JOINTS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
- ONLY TREES SHOWN FOR REMOVAL OR RELOCATION SHALL BE DISTURBED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING TREES TO REMAIN.
- ACCESS TO THE PARKING LOT SHALL BE PROVIDED AT ALL TIMES.

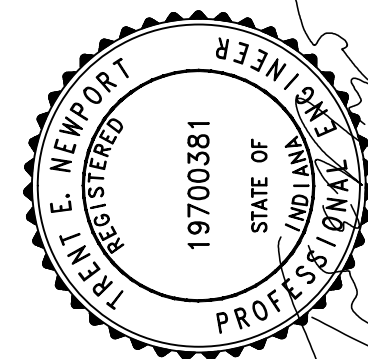


BLUE HERON PARK TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN

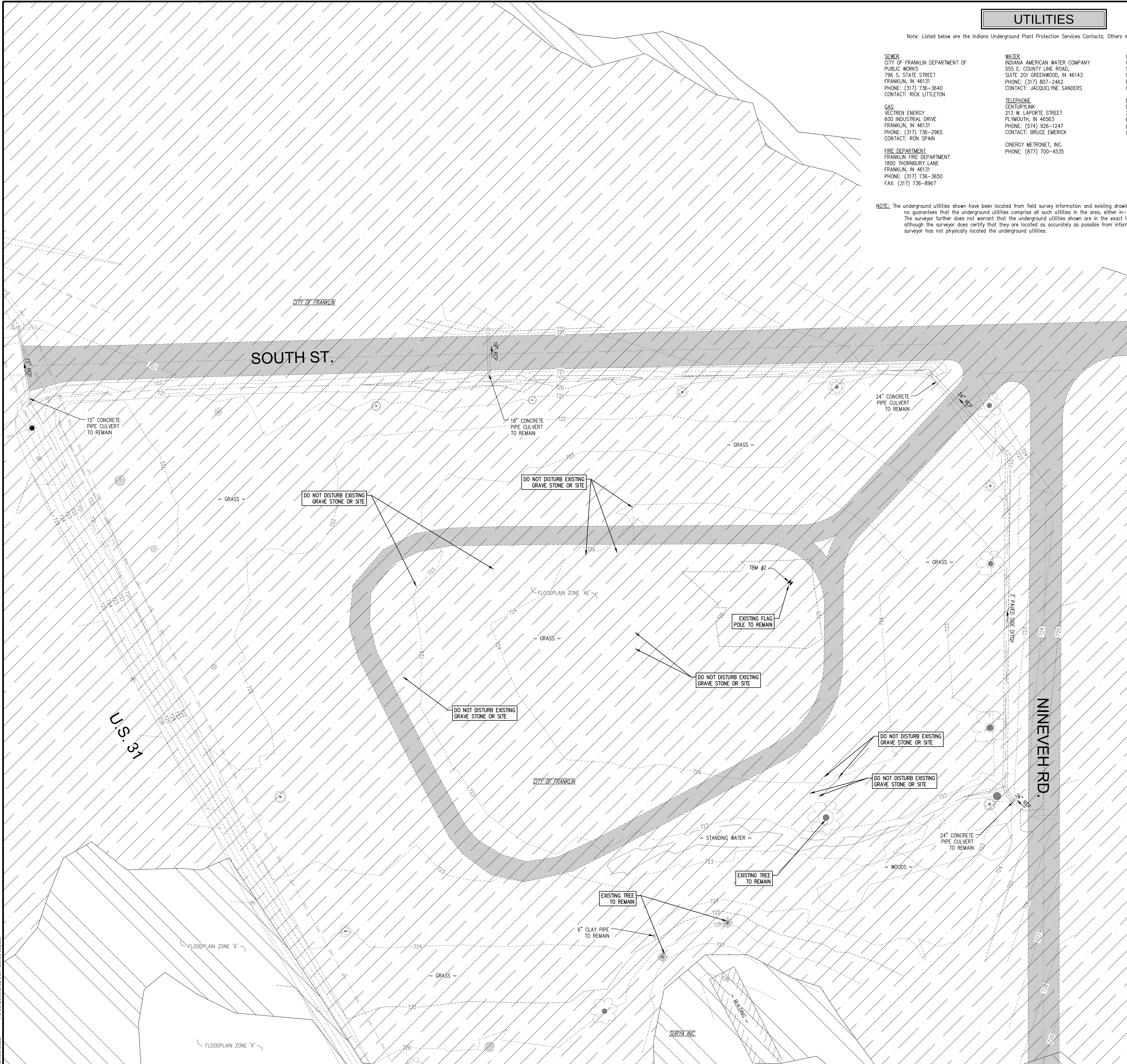
FRANKLIN PARKS DEPT - 2012 PARK BOND

200

SHEET



NO.	DATE	BY	APPR.	REVISIONS
9				
8				
7				
6				
5				
4				
3				
2				
1	6-10-13	DMS	TEN	REVISED PLANS TO INCLUDE FLOODPLAIN/FLOODWAY LIMITS AND UPDATED UTILITY INFORMATION PER 6-31-13 TAC



UTILITIES

Note: Listed below are the Indiana Underground Plant Protection Services Contacts; Others not listed may exist.

SEWER:
CITY OF FRANKLIN DEPARTMENT OF
PUBLIC WORKS
795 S. STATE STREET
FRANKLIN, IN 46131
PHONE: (317) 736-3640
CONTACT: RICK LITTLETON

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CONTACT: COREY HAMBLIN

ELECTRIC:
DUKE ENERGY
2525 N. MORTON STREET
PHONE: (317) 736-2017
FAX: (317) 736-2028
CONTACT: COREY HAMBLIN

EXISTING LEGEND

POWERPOLE	CONTOURS
LIGHT POLE	PROPERTY LINE
ELECTRIC METER	SECTION LINE
ELECTRIC BOX	RIGHT-OF-WAY
YARD LIGHT	ADJONER LINE
GUIDE WIRE	PAVEMENT LINE
TELEPHONE MANHOLE	FIELD LINE
TELEPHONE RISER	PRIVACY FENCE
WATER VALVE	CHAINLINK FENCE
FIRE HYDRANT	SPLIT RAIL FENCE
WELL	WIRE FENCE
WATER MANHOLE	DITCH
WATER METER	GAS LINE
GAS VALVE	TELEPHONE LINE
GAS VALVE	WATER LINE
CABLE TV RISER	CABLE TV LINE
CLEANOUT	ELECTRIC LINE
STORM ROUND INLET	OVERHEAD UTILITY LINE
STORM CURB INLET	TREE LINE
RIGHT-OF-WAY MARKER	SANITARY SEWER
MAILBOX	W/ MANHOLE
STORM ROUND INLET	STORM SEWER
STORM CURB INLET	W/ MANHOLE
RIGHT-OF-WAY MARKER	END SECTION

TREE & BUSH	ASPHALT	BUILDING	CONCRETE
TEMP. BENCHMARK	GRAVEL	WOODS	REMOVAL/DEMOLISH
MONUMENT FOUND			

REGULATED FLOODWAY-ZONE "AE" (AREAS WITHIN THE 1% ANNUAL CHANCE FLOOD (100 YEAR FLOOD) WITH BASE FLOOD ELEVATIONS DETERMINED)

FLOODPLAIN-ZONE "AE" (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD WITH BASE FLOOD ELEVATIONS DETERMINED)

FLOODPLAIN-ZONE "X" (AREAS OF 0.2% ANNUAL CHANCE FLOOD)

NOTE: UNHATCHED AREAS SHOWN AS FLOODPLAIN-ZONE "X" ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN

TOPOGRAPHICAL NOTES

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- UTILITIES ARE GRAPHICAL REPRESENTATION PER SURVEY AND MAPPING. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL VERIFY WITH THE OWNER THE LOCATION OF ALL GRAVE STONES AND BURIAL SITES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL GRAVE STONES AND BURIAL SITES DURING CONSTRUCTION.

FLOODPLAIN INFORMATION

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BENCHMARK INFORMATION

NCS BENCHMARK
DES - X 13
PID - KA0010

VERT ORDER - FIRST CLASS II

AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, ABOUT 2 FEET HIGHER THAN THE HIGHWAY, A STANDARD DISK, STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.

TBM #2:
CHISELED "BOX" ON THE NORTH CORNER OF CONCRETE BASE OF FLAG POLE
ELEV. = 725.45

DEMOLITION LEGEND

REMOVE EXISTING ASPHALT, CONCRETE, OR STONE
FULL DEPTH SAWCUT

DEMOLITION NOTES

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Know what's below. Call before you dig.
"IT'S THE LAW"

CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544 or 811

PER INDIANA STATE LAW (35-69-1991) IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

GREENLAWN CEMETERY TOPOGRAPHICAL SURVEY AND DEMOLITION PLAN

FRANKLIN PARKS DEPT - 2012 PARK BOND

JOB NO.	DRAWN	DESIGNED	DATE	MAY 16, 2013
CHECKED	AEC	DMS	APPR.	TEN
DATE	MAY 16, 2013	DESIGNED	DATE	MAY 16, 2013

REVISIONS

NO.	DATE	BY	DMS	TEN	APPR.
9					
8					
7					
6					
5					
4					
3					
2					
1	6-10-13				

SHEET

201

DIRECTORY PATH : R:\Active\Franklin, City 2012 Park Bond\CAD\PLANS\BLUE HERON
DATE/USER : 6/10/2013 2:02 PM / Derek Snyder



UTILITIES

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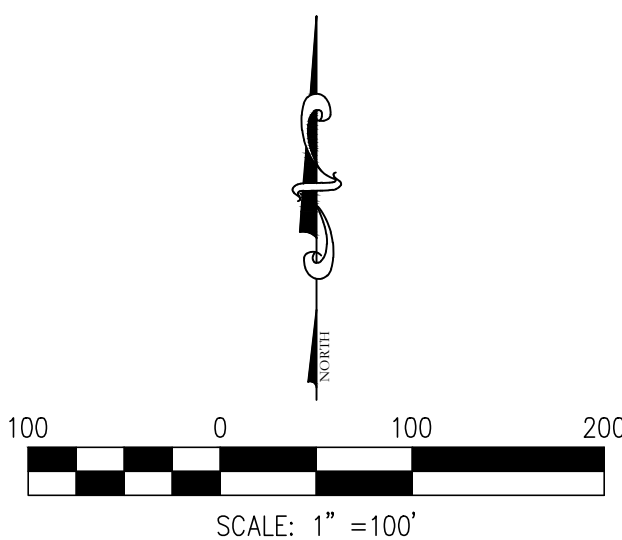
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PHONE: (317) 736-2017
FAX: (317) 736-2028
CONTACT: COREY HAMLIN



NOTE: The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

EXISTING LEGEND

POWERPOLE	---800---	CONTOURS
LIGHT POLE	---	PROPERTY LINE
ELECTRIC METER	---	SECTION LINE
ELECTRIC BOX	---	RIGHT-OF-WAY
YARD LIGHT	---	ADJOINER LINE
GUIDE WIRE	---	PAVEMENT LINE
TELEPHONE MANHOLE	---	FIELD LINE
TELEPHONE RISER	---	PRIVACY FENCE
WATER VALVE	---	CHAINLINK FENCE
FIRE HYDRANT	---	SPLIT RAIL FENCE
WELL	---	WIRE FENCE
WATER MANHOLE	---	DITCH
WATER METER	---	GAS LINE
GAS VALVE	---	TELEPHONE LINE
GAS VALVE	---	WATER LINE
CABLE TV RISER	---	CABLE TV LINE
CLEANOUT	---	ELECTRIC LINE
SIGN	---	OVERHEAD UTILITY LINE
MAILBOX	---	TREE LINE
STORM ROUND INLET	---	SANITARY SEWER
STORM CURB INLET	---	W/ MANHOLE
RIGHT-OF-WAY MARKER	---	STORM SEWER
TREE & BUSH	---	W/ MANHOLE
TEMP. BENCHMARK	---	END SECTION
MONUMENT FOUND	---	

REGULATED FLOODWAY-ZONE "AE" (AREAS WITHIN THE 1% ANNUAL CHANCE FLOOD (100 YEAR FLOOD) WITH BASE FLOOD ELEVATIONS DETERMINED)	ASPHALT	BUILDING	CONCRETE
FLOODPLAIN-ZONE "AE" (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD WITH BASE FLOOD ELEVATIONS DETERMINED)	GRAVEL	WOODS	REMOVAL/DEMOLISH
FLOODPLAIN-ZONE "X" (AREAS OF 0.2% ANNUAL CHANCE FLOOD)			

NOTE: UNHATCHED AREAS SHOWN AS FLOODPLAIN-ZONE "X" ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN

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FLOODPLAIN INFORMATION

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BENCHMARK INFORMATION

NCS BENCHMARK
DES - X 13
PID - KA0010

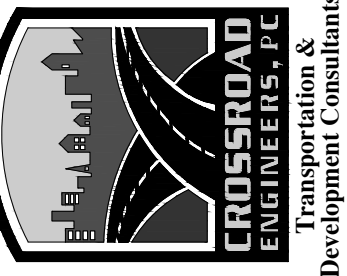
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TBM #2:
CHISELED "BOX" ON THE NORTH CORNER OF CONCRETE BASE OF FLAG POLE
ELEV. = 725.45

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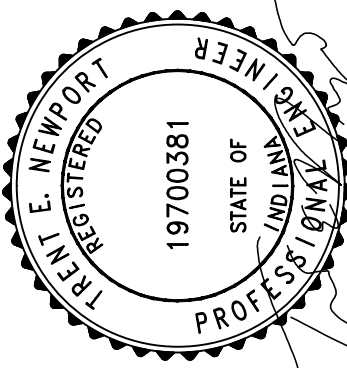


GREENLAWN CEMETERY AERIAL PHOTOGRAPH

FRANKLIN PARKS DEPT - 2012 PARK BOND

SHEET

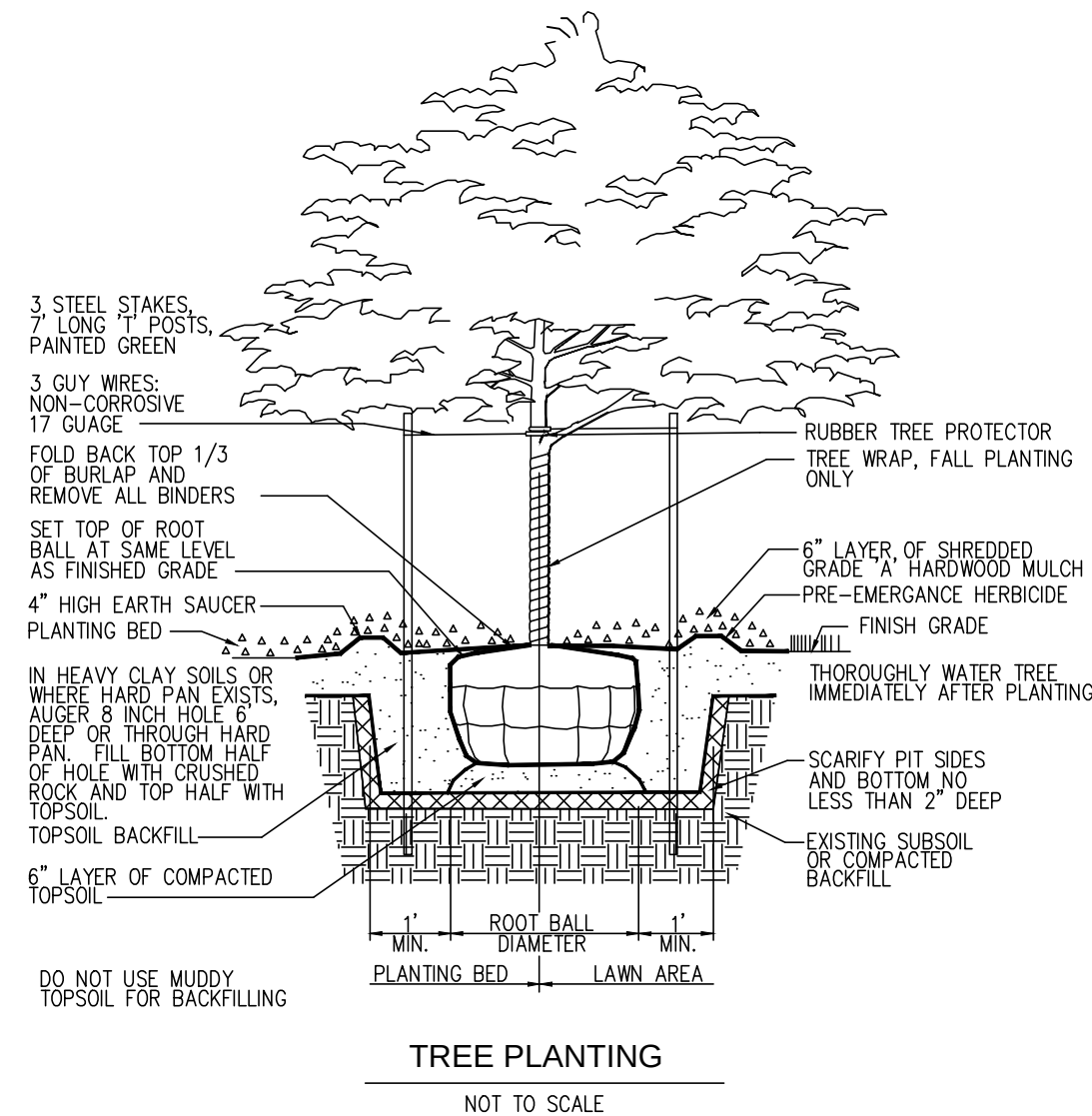
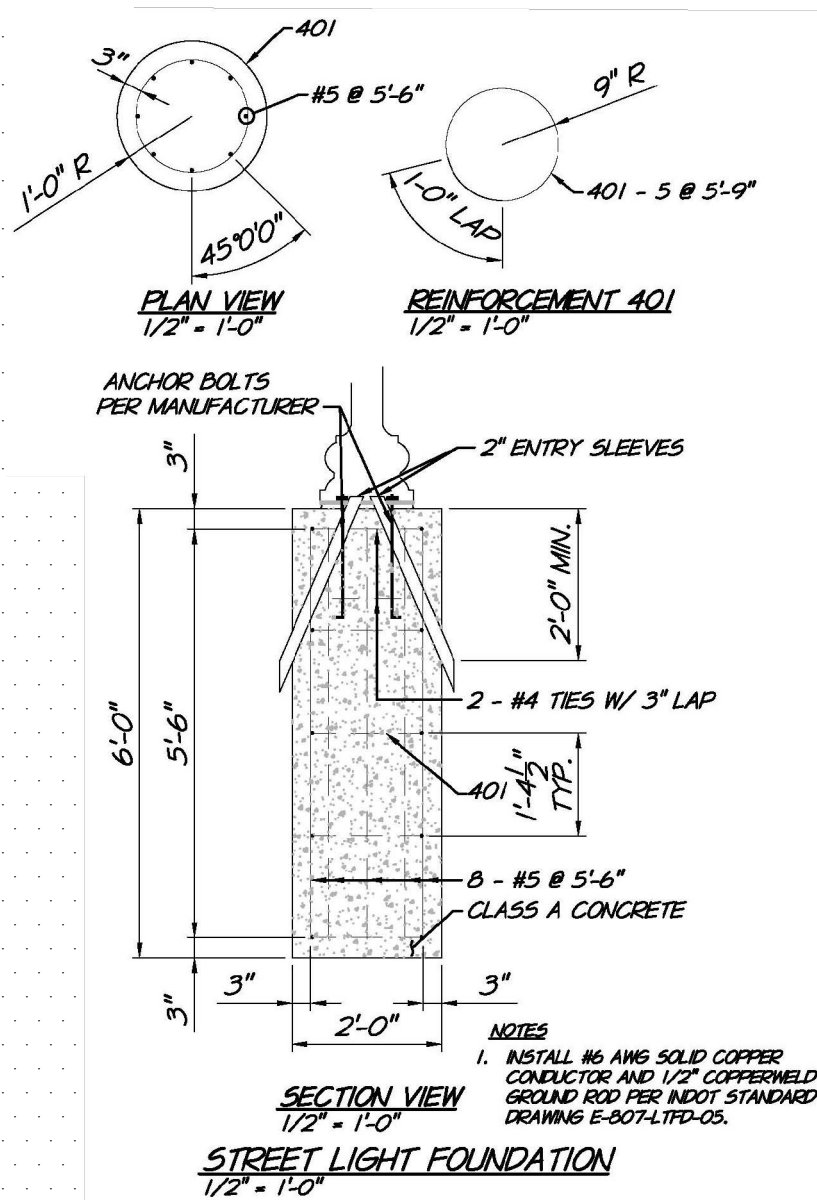
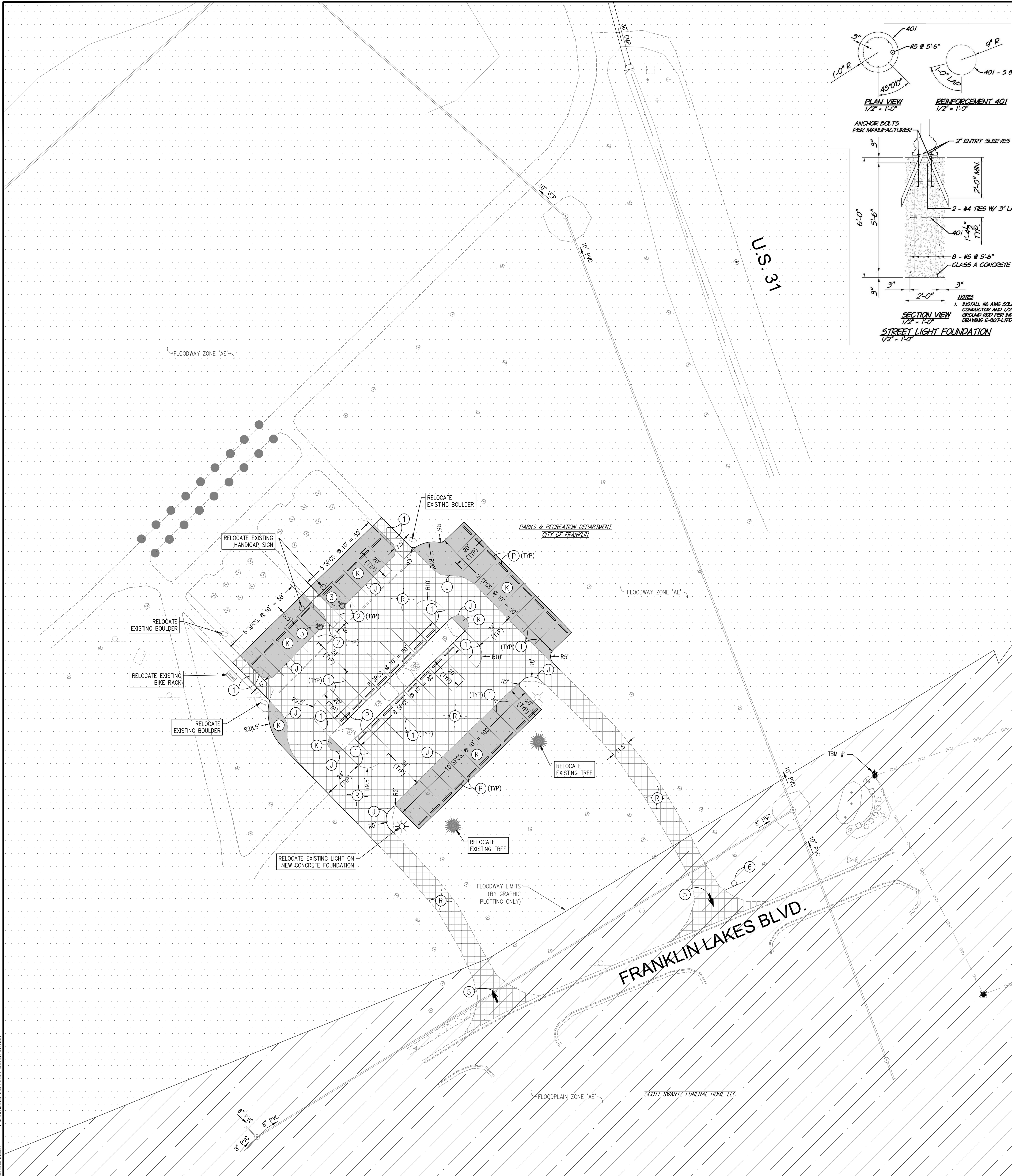
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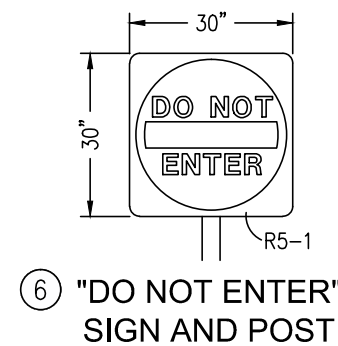
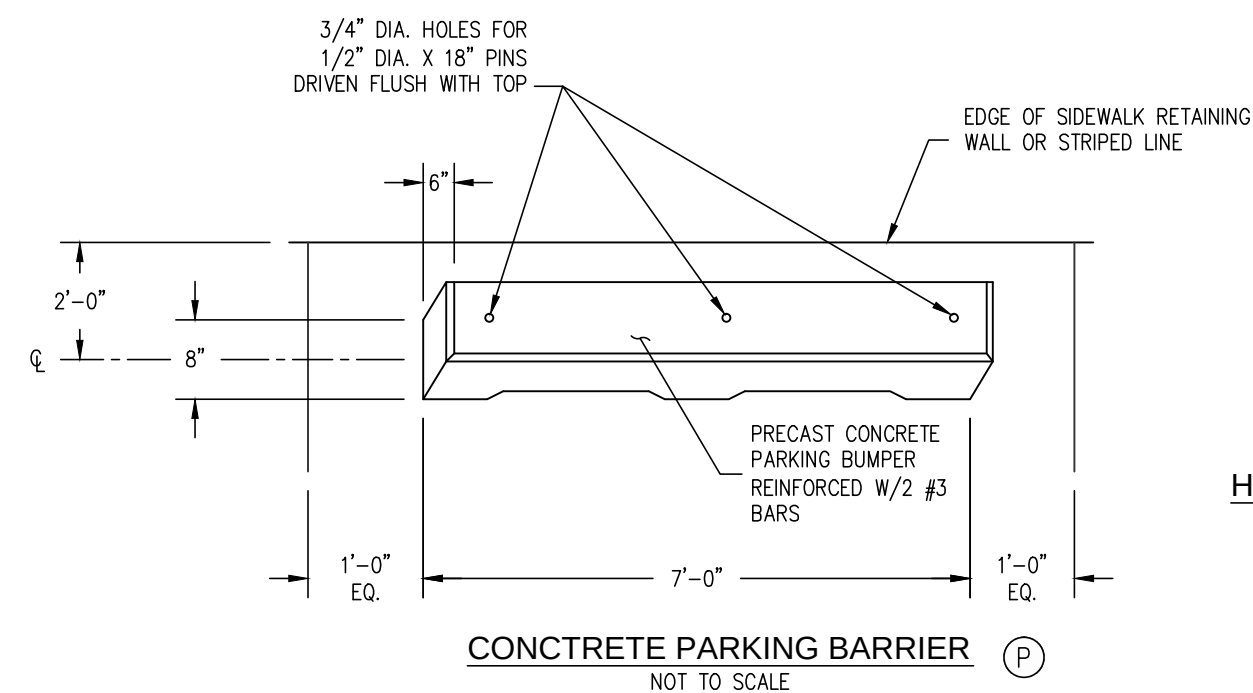
NO.	DATE	REVISIONS	BY	APP.
1	6-10-13	REVISED PLANS TO INCLUDE FLOODPLAIN/FLOODWAY LIMITS AND UPDATED UTILITY INFORMATION PER 4-J-13 TAC	DMS	TEN
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SHEET

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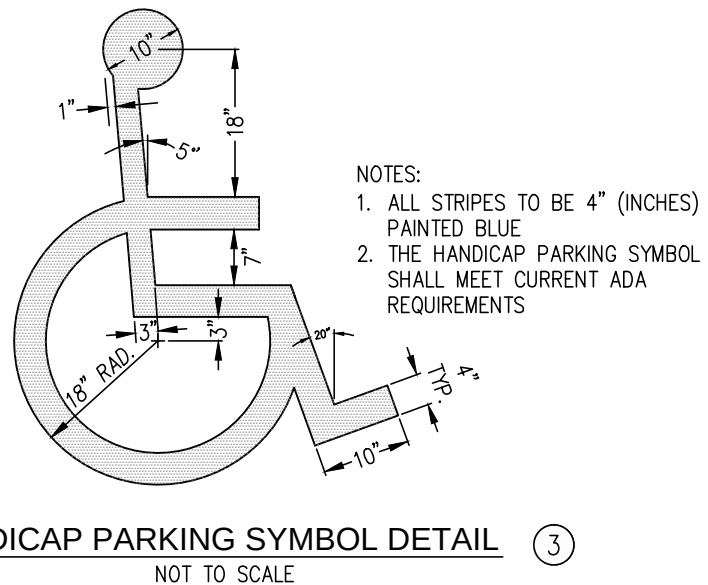
NOTE:
PARKING BARRIERS SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS. THE BARRIERS SHALL BE CAST AND TESTED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF 615.03 OF THE INDOT STANDARD SPECIFICATIONS EXCEPT THE STRENGTH SHALL BE DETERMINED BY CONCRETE CORES TAKEN FROM THE FINISHED PRODUCT. AT LEAST 2 CONCRETE CORES WILL BE TAKEN FROM EACH UNIT AND THE AVERAGE STRENGTH OF THE UNIT SHALL BE AT LEAST 28 MPa (4000 PSI) WITH NO INDIVIDUAL CORE STRENGTH LESS THAN 25 MPa (3600 PSI).



EXISTING LEGEND			
	POWERPOLE		CONTOURS
	LIGHT POLE		PROPERTY LINE
	ELECTRIC METER		SECTION LINE
	ELECTRIC BOX		RIGHT-OF-WAY
	YARD LIGHT		ADJOINER LINE
	GUIDE WIRE		PAVEMENT LINE
	TELEPHONE MANHOLE		FIELD LINE
	TELEPHONE RISER		PRIVACY FENCE
	WATER VALVE		CHAINLINK FENCE
	FIRE HYDRANT		SPLIT RAIL FENCE
	WELL		WIRE FENCE
	WATER MANHOLE		DITCH
	WATER METER		GAS LINE
	GAS VALVE		TELEPHONE LINE
	GAS VALVE		WATER LINE
	CABLE TV RISER		CABLE TV LINE
	CLEANOUT		ELECTRIC LINE
	SIGN		OVERHEAD UTILITY LINE
	MAILBOX		TREE LINE
	STORM ROUND INLET		SANITARY SEWER
	STORM CURB INLET		W/MANHOLE
	RIGHT-OF-WAY MARKER		STORM SEWER
	TREE & BUSH		W/MANHOLE END SECTION
	TEMP. BENCHMARK		
	MONUMENT FOUND		
	ASPHALT		BUILDING
	GRAVEL		WOODS
	CONCRETE REMOVAL/DEMOLISH		
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	FLOODPLAIN-ZONE "X" (AREAS OF 0.2% ANNUAL CHANCE FLOOD)		
NOTE: UNHATCHED AREAS SHOWN AS FLOODPLAIN-ZONE "X" ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN			



SITE DIMENSION LEGEND	
(A)	MULCH SEEDING/LANDSCAPE AREAS
(J)	SAWCUT
(K)	TYPICAL FULL DEPTH ASPHALT SECTION 165 lbs/syd HMA SURFACE TYPE B, ON 275 lbs/syd HMA INTERMEDIATE TYPE B, ON 8\"/>
(R)	TYPICAL ASPHALT OVERLAY SECTION 165 lbs/syd HMA SURFACE TYPE B, ON EXISTING ASPHALT
(P)	CONCRETE PARKING BARRIER
(1)	LINE, PAINTED, SOLID WHITE, 4"
(2)	LINE, PAINTED, SOLID BLUE, 4"
(3)	HANDICAP SYMBOL, PAINTED, SOLID BLUE, 4"
(4)	24\"/>
(5)	ARROW, WHITE, PAINT
(6)	"DO NOT ENTER" SIGN AND POST



NOTE:
NO EARTHWORK DISTURBING ACTIVITY MAY COMMENCE UNTIL A STORM WATER MANAGEMENT PERMIT IS OBTAINED.

SITE DIMENSION NOTES	
1.	STREET SIGNAGE AND LIGHTING SHALL CONFORM TO CITY OF FRANKLIN STANDARDS. CONTRACTOR SHALL COORDINATE WITH OWNER AND/OR CITY OF FRANKLIN FOR LIGHT STYLES AND LAYOUT.
2.	CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF AN ALTERNATE SUBGRADE IS NECESSARY.
3.	CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ASPHALT CAUSED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
4.	SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 11 GAUGE FLANGED CHANNEL SIGN POST.
5.	CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
6.	EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
7.	CONTRACTOR SHALL VERIFY FINAL LOCATION OF ALL EXISTING SITE FEATURES (I.E. SIGNS, TREES, LIGHTS, ETC.) TO BE RELOCATED WITH THE OWNER PRIOR TO FINAL INSTALLATION.

PARKING ANALYSIS	
EXISTING PARKING STANDARD ADA ACCESSIBLE	17 SPACES 2 SPACES
PROPOSED PARKING STANDARD ADA ACCESSIBLE	45 SPACES 2 SPACES
TOTAL NET GAIN	28 SPACES
TOTAL PROPOSED PARKING SPACES	= 47 SPACES

PROPOSED LEGEND	
	PROPERTY LINE
	SECTION LINE
	PHASE LINE
	SETBACK LINE
	FENCE LINE
	DITCH LINE
	SANITARY SEWER WITH MANHOLE
	SANITARY SEWER LATERAL WITH CLEANOUT
	STORM SEWER W/MANHOLE & END SECTION
	ELECTRIC LINE
	WATER LINE
	WATER SERVICE LINE
	GAS LINE
	STORM INLETS
	YARD LIGHT
	SIGN

BLUE HERON PARK
SITE DIMENSION PLAN

FRANKLIN PARKS DEPT - 2012 PARK BOND

JOB NO.	DRAWN	AEC	CHECKED	GJI	DATE	MAY 16, 2013
DESIGNED	DMS	APPR.	TEN	SHEET	300	

19700381
STATE OF INDIANA
T. E. NEWKIRK
REGISTERED PROFESSIONAL ENGINEER

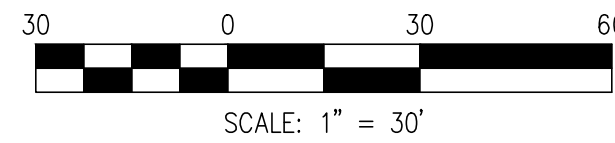
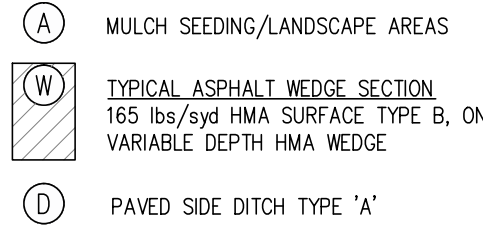
NO.	1	2	3	4	5	6	7	8	9
DATE	6-10-13								
REVISIONS									
BY	DMS	TEN							
APPR.									

REVISIONS

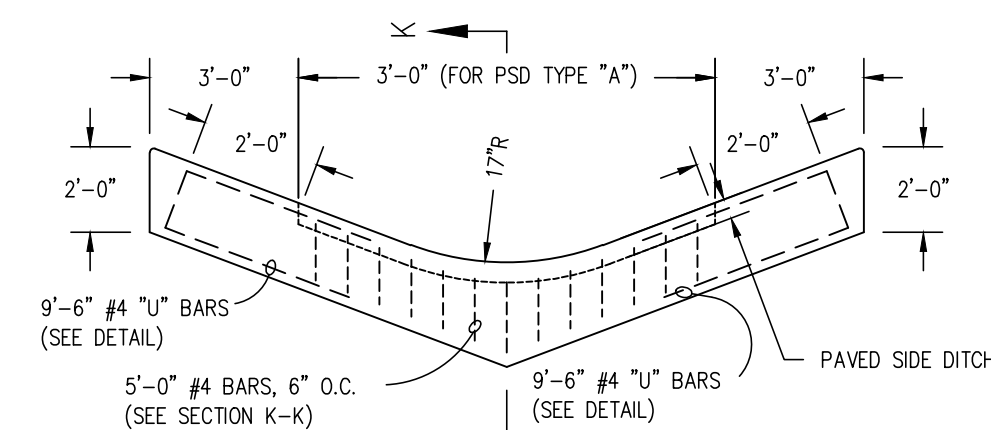
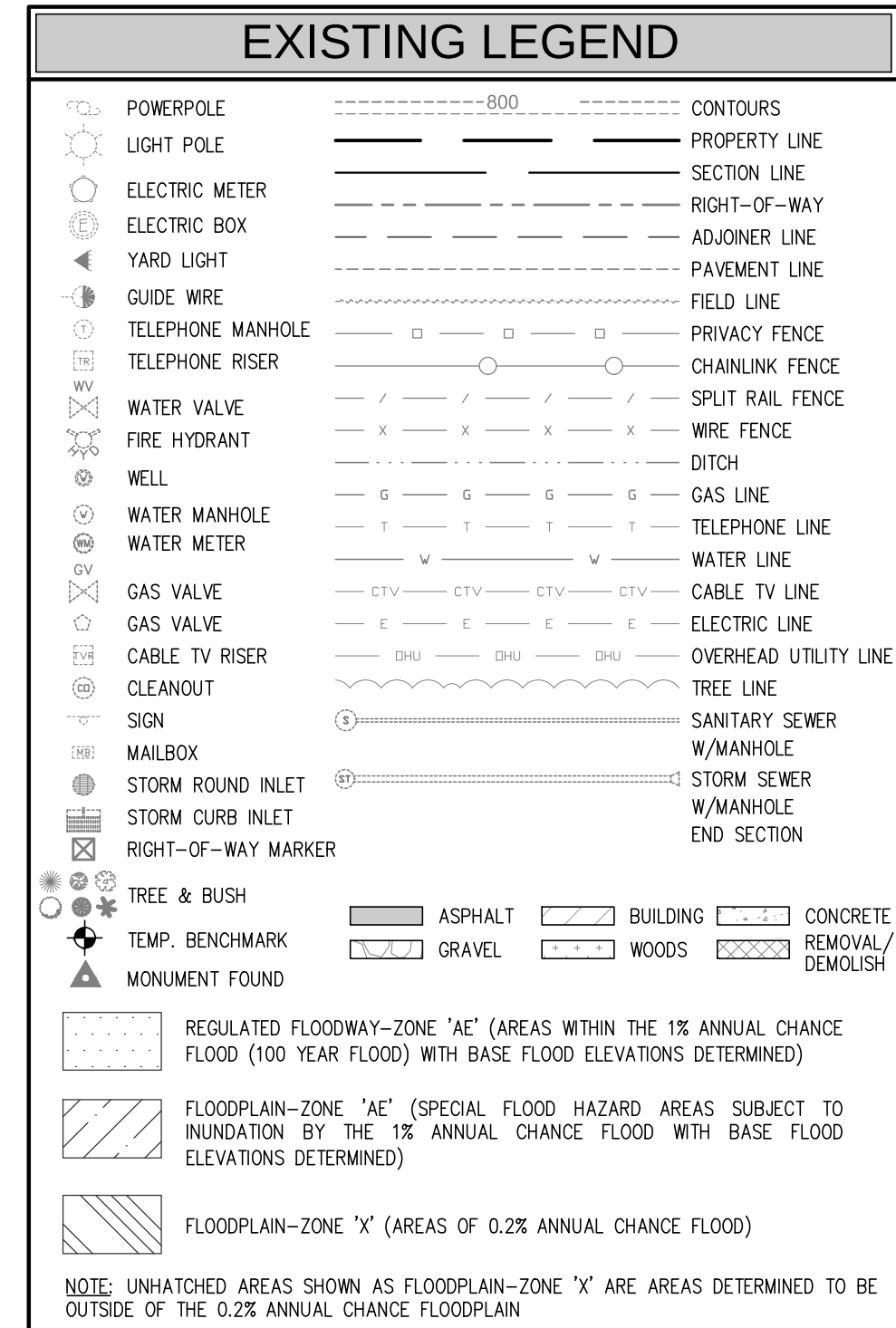
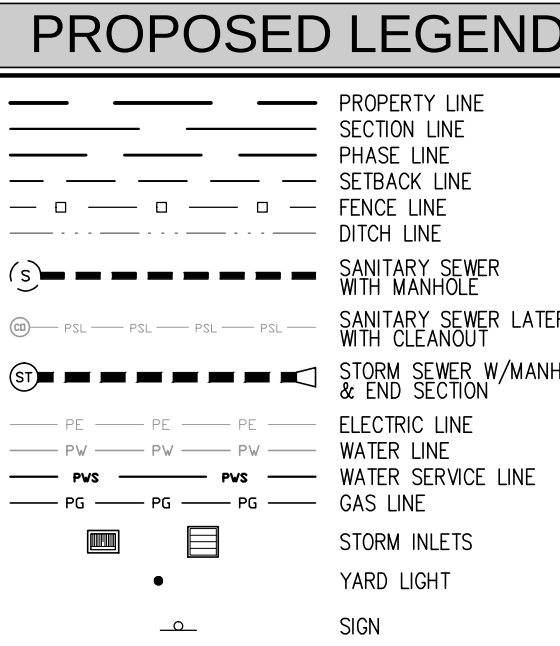
REVISED PLANS TO INCLUDE FLOODPLAIN/FLOODWAY LIMITS AND UPDATED UTILITY INFORMATION PER 6-31-13 TAC

SHEET

300



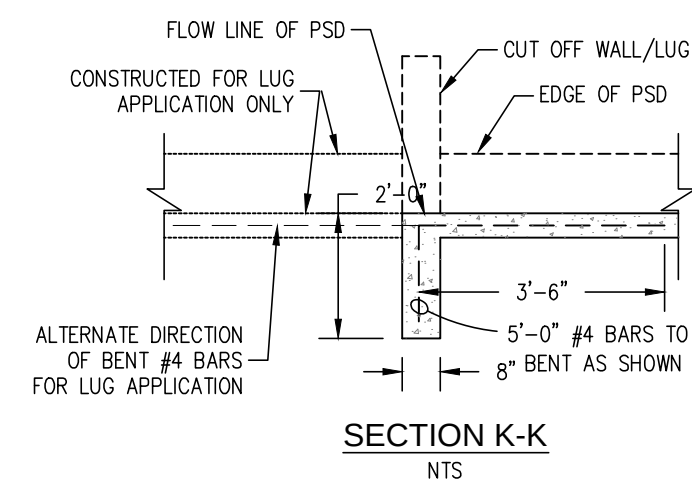
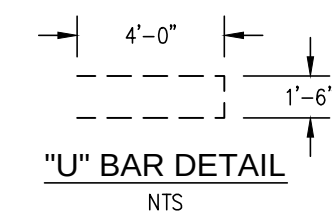
NOTE:
NO EARTHWORK DISTURBING ACTIVITY
MAY COMMENCE UNTIL A STORM WATER
MANAGEMENT PERMIT IS OBTAINED.



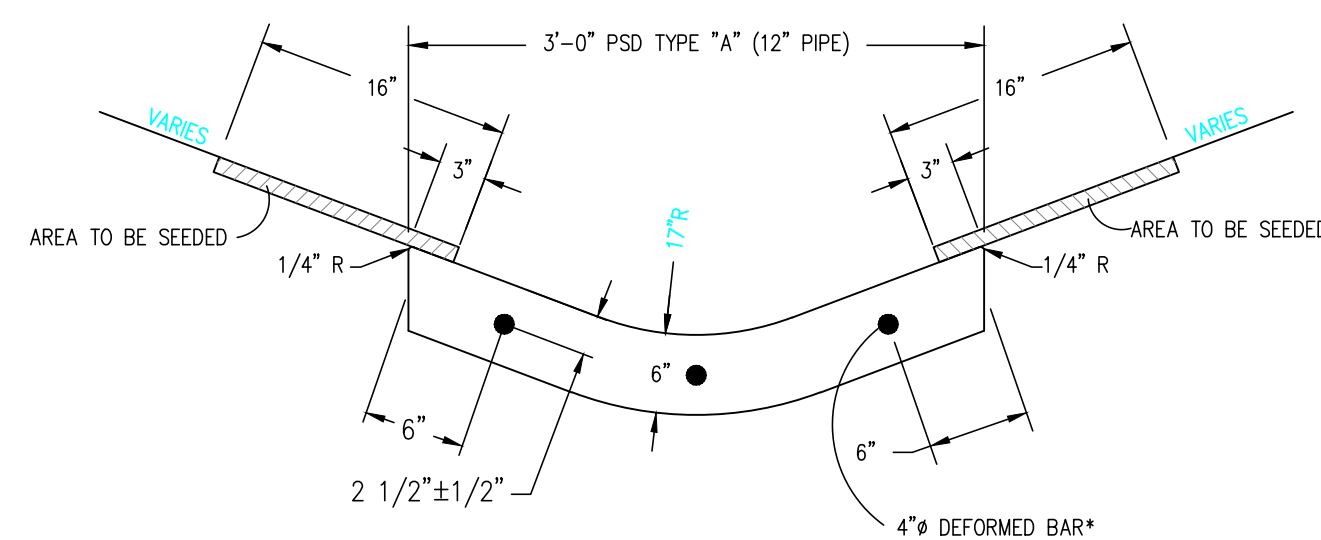
CUT OFF WALL/LUG FOR PAVED
SIDE DITCH TYPE "A" DETAIL

NOTE: CUT OFF WALLS SHALL BE MONOLITHICALLY POURED WITH THE PAVED SIDE DITCH AT ITS BEGINNING AND END. LUGS SHALL BE USED FOR ALL TYPES OF PAVED SIDE DITCHES AS A MONOLITHIC POUR AT THE FOLLOWING MAXIMUM SPACING:

UP TO 3% GRADE	300 FOOT SPACING
3% TO 5% GRADE	200 FOOT SPACING
5% TO 8% GRADE	150 FOOT SPACING
8% TO 10% GRADE	100 FOOT SPACING
10% AND OVER GRADE	50 FOOT SPACING

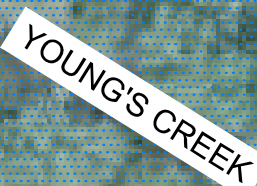


SECTION K-K
NTS



PAVED SIDE DITCH (PSD) TYPE "A" DETAIL

*REINFORCEMENT SHALL BE REQUIRED FOR ALL PAVED SIDE DITCH AND CUT-OFF-WALLS. THE REINFORCING STEEL IN THE PAVED SIDE DITCH SHALL BE SPACED A MAXIMUM OF ONE FOOT ON CENTERS.



TEM #2

SOUTH ST.

NINEVEH RD.

HEMPHILL ST.

DUNN ST

JACKSON S.I.

MAIN ST.

CAISSON DR



EXISTING LEGEND

	POWERPOLE	-----800-----	CONTOURS
	LIGHT POLE	=====	PROPERTY LINE
	ELECTRIC METER	=====	SECTION LINE
	ELECTRIC BOX	-----	RIGHT-OF-WAY
	YARD LIGHT	-----	ADJONER LINE
	GUIDE WIRE	-----	PAVEMENT LINE
	TELEPHONE MANHOLE	-----	FIELD LINE
	TELEPHONE RISER	-----	PRIVACY FENCE
	WATER VALVE	-----	CHAINLINK FENCE
	FIRE HYDRANT	-----	SPLIT RAIL FENCE
	WELL	-----	WIRE FENCE
	WATER MANHOLE	-----	DITCH
	WATER METER	-----	GAS LINE
	GAS VALVE	-----	TELEPHONE LINE
	GAS VALVE	-----	WATER LINE
	CABLE TV RISER	-----	CABLE TV LINE
	CLEANOUT	-----	ELECTRIC LINE
	SIGN	-----	OVERHEAD UTILITY LINE
	MAILBOX	-----	TREE LINE
	STORM ROUND INLET	-----	SANITARY SEWER W/MANHOLE
	STORM CURB INLET	-----	STORM SEWER W/MANHOLE
	RIGHT-OF-WAY MARKER	-----	END SECTION

0 100 200

SCALE: 1" = 100'

NOTE:
NO EARTHWORK DISTURBING ACTIVITY
MAY COMMENCE UNTIL A STORM WATER
MANAGEMENT PERMIT IS OBTAINED.

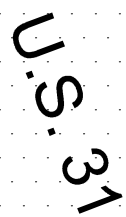
SITE DIMENSION LEGEND

	<u>TYPICAL ASPHALT SECTION</u> 165 lbs/syd HMA SURFACE TYPE B, ON 275 lbs/syd HMA INTERMEDIATE TYPE B, ON EXISTING STONE
	<u>TYPICAL ASPHALT OVERLAY SECTION</u> 165 lbs/syd HMA SURFACE TYPE B, ON EXISTING ASPHALT
	<u>TYPICAL CHIP AND SEAL SECTION</u> CHIP AND SEAL ON EXISTING ASPHALT

- ## E DIMENSION NOTES
1. STREET SIGNAGE AND LIGHTING SHALL CONFORM TO CITY OF FRANKLIN STANDARDS. CONTRACTOR SHALL COORDINATE WITH OWNER AND/OR CITY OF FRANKLIN FOR LIGHT SITES AND LAYOUT.
 2. CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF AN ALTERNATE SUBGRADE IS NEEDED.
 3. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ASPHALT CAUSED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
 4. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 1/2" GAUGE FLANGED CHANNEL SIGN POST. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLANGES, BARRELS, SIGNALS, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
 5. EXISTING UTILITIES, SIZES AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE FOR THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER OF ANY PROPOSED INFRASTRUCTURE, LOCATION OF THE DESIGN ENGINEER IMMEDIATELY.
 6. CONTRACTOR SHALL VERIFY FINAL NOTIFICATION OF ALL EXISTING SITE FEATURES (IE. SIGNS, TREES, LIGHTS, ETC.) TO BE RELOCATED WITH THE OWNER PRIOR TO FINAL INSTALLATION.

DRAWING LEGEND

	PROPERTY LINE
	SECTION LINE
	PHASE LINE
	SETBACK LINE
	FENCE LINE
	DITCH LINE
	SANITARY SEWER WITH MANHOLE
	SANITARY SEWER LATERAL WITH CLEANOUT
	STORM SEWER W/MANHOLE & END SECTION
	ELECTRIC LINE
	WATER LINE
	WATER SERVICE LINE
	GAS LINE
	STORM INLETS
	YARD LIGHT
	SIGN



SEEDBED PREPARATION
APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEED. APPLY 23 LBS. OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1,000 SQ. FT. (APPROXIMATELY 1,000 LBS. 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 3 TO 4 INCHES WITH A HARROW, DISK, OR REPEAT OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE. FERTILIZER AND LIME WILL MEET REQUIREMENTS OF INDOT STANDARD SPECIFICATIONS 1995.

SEEDING
SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA WHILE CONSIDERING BEST SEEDING DATES.

** -INCREASE SEEDING APPLICATION BY 50%

1-PREFERRED 2-WILL TOLERATE ** - INOCULATE WITH SPECIFIC INOCULATE

RANKING	SALT TOLERANCE (TO BOTH SOIL SALTS AND SPRAY)
1 GOOD	T - TOLERANCE
2 MEDIUM	MT - MEDIUM TOLERANCE
- NOT TOLERANT	S - SLIGHT TOLERANCE

RANKING	SALT TOLERANCE (TO BOTH SOIL SALTS AND SPRAY)
1 GOOD	T - TOLERANCE
2 MEDIUM	MT - MEDIUM TOLERANCE
- NOT TOLERANT	S - SLIGHT TOLERANCE

EXISTING LEGEND

	POWERPOLE		-800-		CONTOURS
	LIGHT POLE				PROPERTY LINE
	ELECTRIC METER				SECTION LINE
	ELECTRIC BOX				RIGHT-OF-WAY
	YARD LIGHT				ADJUNCTION LINE
	GUIDE WIRE				PAVEMENT LINE
	TELEPHONE MANHOLE				FIELD LINE
	TELEPHONE RISER				PRIVACY FENCE
	WATER VALVE				CHAINLINK FENCE
	FIRE HYDRANT				SPLIT RAIL FENCE
	WELL				WIRE FENCE
	WATER MANHOLE				DITCH
	WATER METER				CABLE LINE
	GAS VALVE				TELEPHONE LINE
	GAS VALVE				WATER LINE
	CABLE TV RISER				CABLE TV LINE
	CLEANOUT				ELECTRIC LINE
	SIGN				OVERHEAD UTILITY LINE
	MAILBOX				TREE LINE
	STORM ROUND INLET				SANITARY SEWER
	STORM CURB INLET				W/MANHOLE
	RIGHT-OF-WAY MARKER				STORM SEWER
	TREE & BUSH				W/MANHOLE
	TEMP. BENCHMARK				END SECTION
	MONUMENT FOUND				
	REGULATED FLOODPLAIN-ZONE "Ae" (AREAS WITHIN THE 1% ANNUAL CHANCE FLOOD (100 YEAR FLOOD) WITH BASE FLOOD ELEVATIONS DETERMINED)		ASPHALT		BUILDING
	FLOODPLAIN-ZONE "Ae" (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD WITH BASE FLOOD ELEVATIONS DETERMINED)		GRAVEL		WOODS
	FLOODPLAIN-ZONE "X" (AREAS OF 0.2% ANNUAL CHANCE FLOOD)		CONCRETE REMOVAL/DEMOLISH		

NOTE: UNHATCHED AREAS SHOWN AS FLOODPLAIN-ZONE "X" ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN

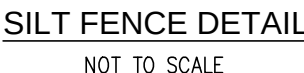


EROSION CONTROL LEGEND

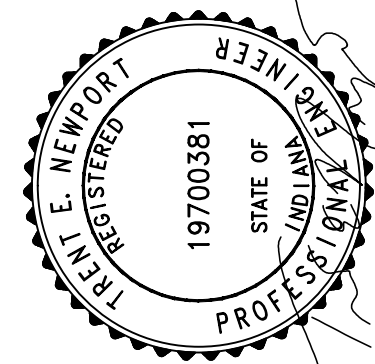
	MULCHED SEEDING
	EXISTING CONTOURS
	PROPOSED CONTOURS
	SILT FENCE SLOPE CHECK (NUTEC 3 NWS-6 OR APPROVED EQUAL)
	CONSTRUCTION LIMITS
	PROPOSED DRAINAGE SWALE
	PROPOSED ELEVATIONS

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN THE EXISTING OR PROPOSED PARKING AREAS.
4. CONSTRUCTION STAGING AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE PORT-TO-TOES, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOCASTAGE STAGING AREA WITHIN PARKING LOT.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY $\frac{1}{2}$ " OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.

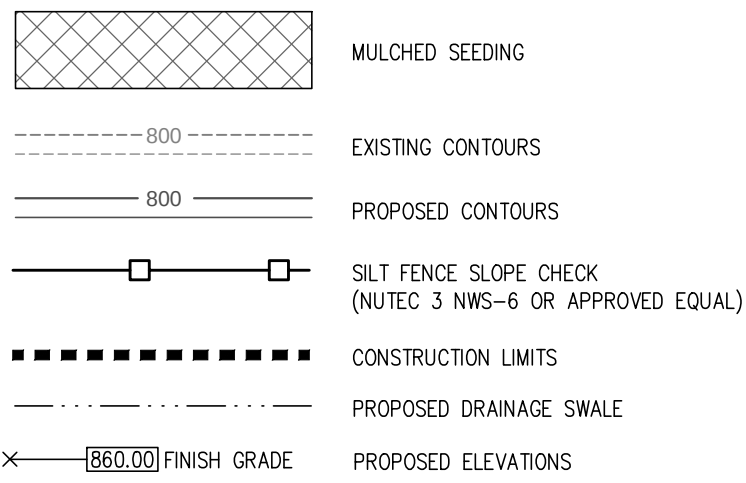
BENCHMARK INFORMATION	
NCS BENCHMARK	
DES - X 13	
PID - KA0010	
VERT ORDER - FIRST CLASS II	
AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, ABOUT 2 FEET HIGHER THAN THE HIGHWAY, A STANDARD DISK, STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.	
<u>TRM #1:</u> OLD BOLT ON THE NORTH ANCHOR BOLT OF THE SIGNAL POLE LOCATED IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF U.S. 31 AND FRANKLIN LAKES BOULEVARD. ELEV. = 722.81	



ADDITIONAL EROSION CONTROL
MEASURES MAY BE REQUIRED BY
STATE OR COUNTY OFFICIALS

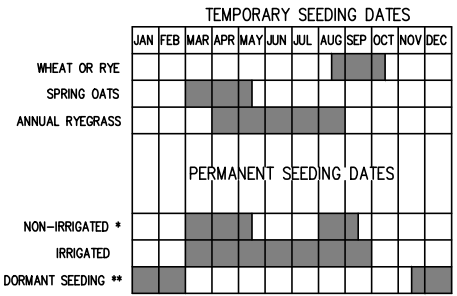
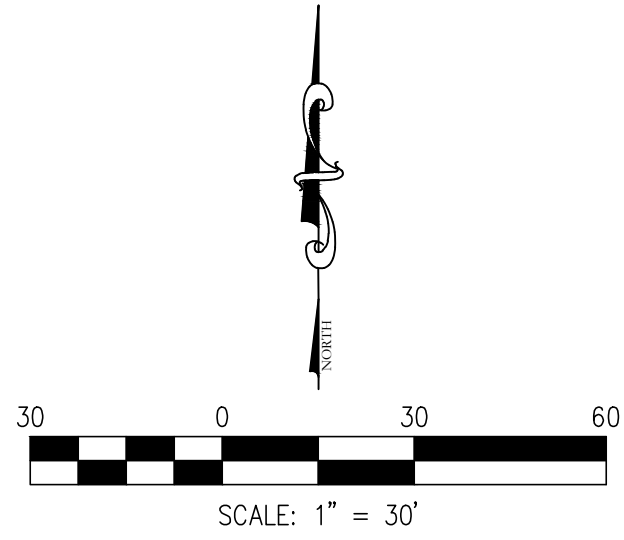
SHEET **400**

EROSION CONTROL LEGEND



EROSION CONTROL NOTES

1. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY STATE, COUNTY, OR LOCAL OFFICIALS.
2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE INSPECTOR.
3. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OF MATERIALS WITHIN THE EXISTING OR PROPOSED PARKING AREAS.
4. CONSTRUCTION STAGNS AREA (TO BE DETERMINED BY CONTRACTOR) SHALL INCLUDE THE PORT-O-LETS, TRASH CONTAINERS, AND FUELING TANKS. CONTRACTOR SHALL NOT LOG STORAGE AREA INTO PARKING LOT.
5. A TRAINED INDIVIDUAL MUST PERFORM AN INSPECTION ONCE A WEEK AND AFTER EVERY 5th OR MORE RAIN EVENT. A LOG OF THE INSPECTION REPORTS MUST BE KEPT AND MADE AVAILABLE TO THE TOWN INSPECTOR UPON REQUEST.



SEEDING PREPARATION
 APPLY LIME TO RAISE THE pH TO THE LEVEL NEEDED FOR SPECIES BEING SEED. APPLY 23 LBS. OF 12-12-12 ANALYSIS FERTILIZER (OR EQUIVALENT) PER 1,000 SQ. FT. (APPROXIMATELY 1,000 LBS. 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 SEED GERMINATION. WORK THE FERTILIZER AND LIME INTO THE SOIL. A DEPTH OF 2 TO 3 INCHES WITH A HARROW, DISK, OR RAKE OPERATED ACROSS THE SLOPE AS MUCH AS POSSIBLE.
 FERTILIZER AND LIME SHALL MEET REQUIREMENTS OF INDOT STANDARD SPECIFICATIONS 1995.

SEEDING
 SELECT A SEED MIXTURE BASED ON PROJECTED USE OF THE AREA WHILE CONSIDERING BEST SEEDING DATES.

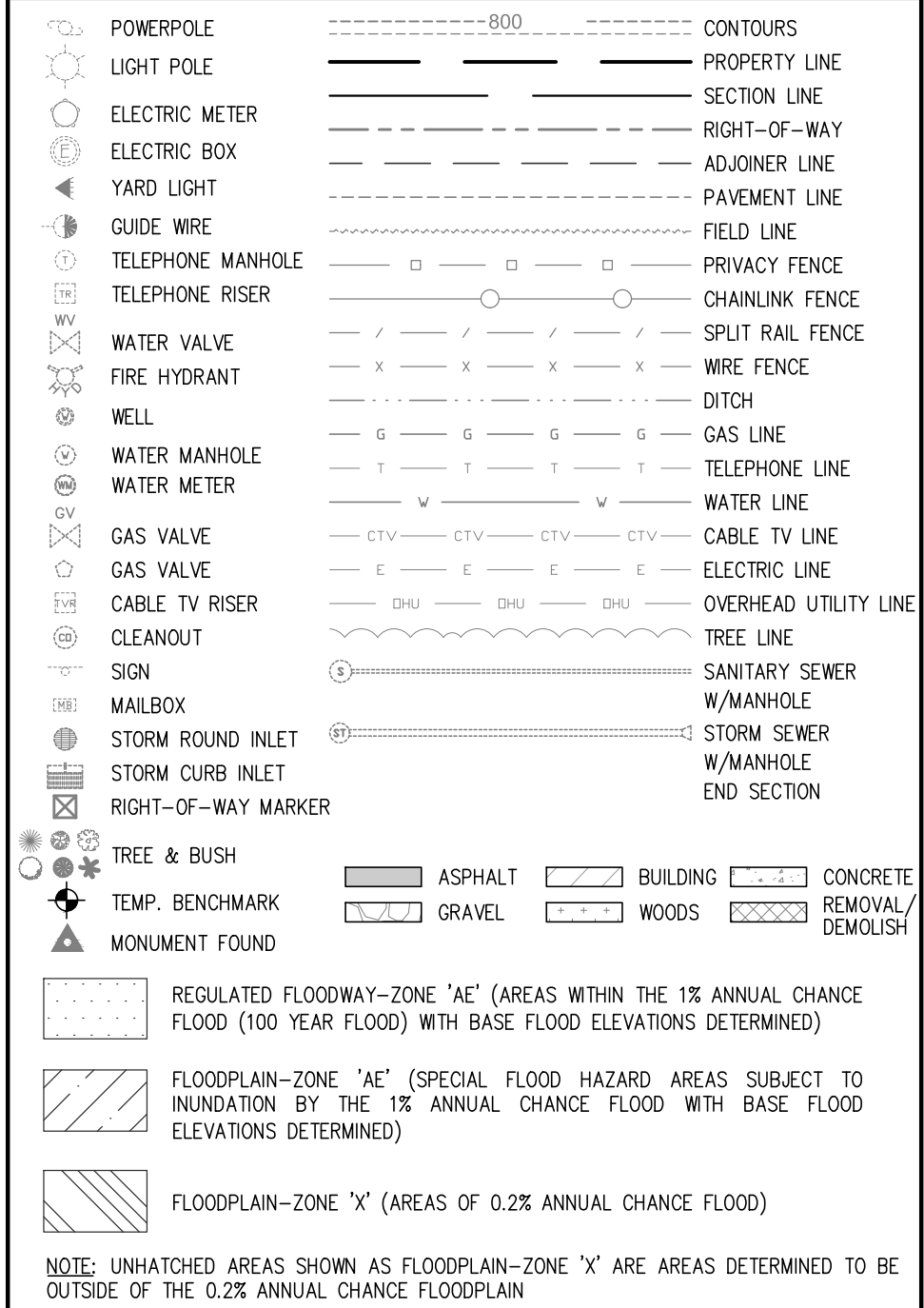
LEVEL AND SLOPING	SPECIES	PERMANENT SEED MIXTURES				
		SEEDING RATE (SEEDS/1000 SF)	SATURABLE PH	SITE SATURABILITY	DEPTH MET	
TALL FESCUE RED CLOVER **	TALL FESCUE	35	6	5.5 - 8.3	2	1
	TALL FESCUE	25	6	5.5 - 8.3	1	
	RED CLOVER **	15	12			
	KENTUCKY BLUEGRASS	25	4	5.5 - 7.5	2	
	ORCHARD GRASS	15	4	5.5 - 7.5	1	
STEEP BANKS AND OUTS	TALL FESCUE	25	6	5.8 - 7.5	2	2
	KENTUCKY BLUEGRASS	15	6			
	ORCHARD GRASS	15	8	5.5 - 8.3	2	1
DUMPS AND TROP MAINTAINS	TALL FESCUE	35	10	5.5 - 8.3	2	1
	ORCHARD GRASS	15	8			
	KENTUCKY BLUEGRASS	40	9	5.8 - 7.5	2	1
PERMANENT PREGRASS (TURF TYPE)	ORCHARD GRASS	170	24	5.0 - 7.5	2	1
	TALL FESCUE	170	4	5.5 - 8.3	2	1
	TALL FESCUE	170	24	5.0 - 7.5	2	2

1-PREFERRED 2-WILL TOLERATE ** - INOCULATE WITH SPECIFIC INOCULATES

SPECIES	SOIL CONDITION			PLANT CHARACTERISTICS				GROWTH HABIT			SALT TOLERANCE		
	MT	NO	DRY	SHADE	WIND	MOISTURE	WIND	WIND	WIND	WIND	WIND	WIND	
CREeping ROD FESCUE FESCUE RUBRA	2	1	2	1	1	1	1	1	1	1	1	1	
KENTUCKY BLUEGRASS POA PRINCEPS	2	1	2	1	1	1	1	1	1	1	1	1	
TALL FESCUE FESCUE L. ARUNDINACEA	2	1	1	1	1	1	1	1	1	1	1	1	
PERENNIAL RYEGRASS LOLUM PERENNE	2	1	2	1	2	1	1	1	1	1	1	1	
CROWNWET CORNARIA VIRENS	-	1	1	2	-	-	LOW	1	5-10	24-36	14-20	1	
RED CLOVER TRIFOLIUM PRATENSE	-	1	2	-	-	-	LOW	1	7-10	18	10-20	1	

RANKING SALT TOLERANCE (TO BOTH SOIL SALTS AND SPRAY)
1 GOOD T - TOLERANCE
2 MEDIUM MT - MEDIUM TOLERANCE
- NOT TOLERANT S - SLIGHT TOLERANCE

EXISTING LEGEND



BENCHMARK INFORMATION

NGS BENCHMARK
DES - X 13
PID - KA0010

VERT ORDER – FIRST CLASS

AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, ABOUT 2 FEET HIGHER THAN THE HIGHWAY, A STANDARD DISK, STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 7 INCHES ABOVE GROUND.

CHISELED "BOX" ON THE NORTH CORNER OF CONCRETE BASE OF FLAG POLE
ELEV. = 725.45

