

PARKING LOT PERIMETER LANDSCAPING (1 TREE PER 80 LINEAR FEET OF LANDSCAPE AREA)				
LENGTH	TREES REQUIRED	TREES PROVIDED	SHRUBS REQUIRED	SHRUBS PROVIDED
480'	6	6	6	6

INTERIOR PARKING LOT LANDSCAPING (5% MIN. INTERIOR PARKING LOT LANDSCAPING W/1 TREE PER 300 S.F. LANDSCAPE AREA REQUIRED)			
<u>PAVED SURFACE AREA</u>	<u>INTERIOR LANDSCAPE PROVIDED</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>
12,612 S.F.	7,039 S.F. (5.8%)	24	24

PROPERTY INTERIOR LANDSCAPING (1 TREE PER 2,500 S.F. YARD AREA REQUIRED)			
<u>YARD AREA</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>	<u>EXISTING TREES</u>
215,944 S.F.	86	66	20

<u>BUFFERYARD LANDSCAPING</u>			
<u>WEST LINE</u>	<u>LENGTH</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>
20' TYPE 2	±662'	27	27












<u>SOUTH LINE</u>	<u>LENGTH</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>
20' TYPE 2	±632'	25	25
10' TYPE 1	±590'	20	20

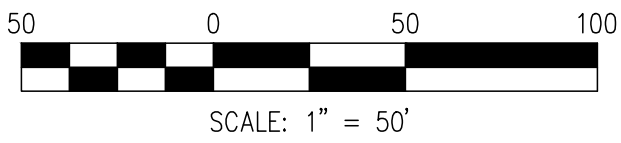
<u>EAST LINE</u>	<u>LENGTH</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>
10' TYPE 1	±398'	14	14

<u>NORTH LINE</u>	<u>LENGTH</u>	<u>TREES REQUIRED</u>	<u>TREES PROVIDED</u>	<u>EXISTING TREES</u>
10' TYPE 1	±1,305'	44	33	11

NOTE: EXISTING PERMS AND TREES TO REMAIN ALONG NORTHWEST CORNER

NOTE: EXISTING BERMS AND TREES TO REMAIN ALONG NORTHWEST CORNER

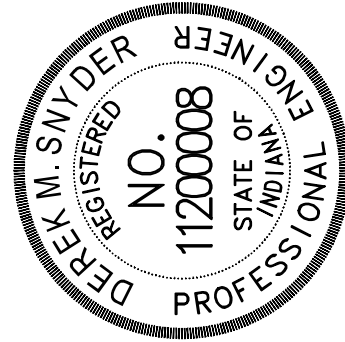
LANDSCAPE LEGEND			
SHRUBS			
DY	 (13) TOTAL - 18" MIN. HEIGHT TAXUS X M 'DENSIFORMIS' DENISE SPREADING YEW		
TREES			
WH	 (30) TOTAL - 2 1/2" CALIPER CRATAEGUS PHAENOPYRUM WASHINGTON HAWTHORNE	SC	 (26) TOTAL - 2 1/2" CALIPER MALUS 'SNOWDRIFT' SNOWDRIFT CRABAPPLE
RM	 (12) TOTAL - 2 1/2" CALIPER ACER RUBRUM 'SUNSET' RED SUNSET MAPLE	CP	 (29) TOTAL - 2 1/2" CALIPER PYRUS CALLERYANA 'CHANTICLEER' CHANTICLEER PEAR
ER	 (8) TOTAL - 2 1/2" CALIPER CERIS CANADENSIS EASTERN REDBUD	BS	 (15) TOTAL - 5" MIN. HEIGHT PICEA GLAUCA VAR. DENSATA BLACK HILLS SPRUCE
RO	 (22) TOTAL - 2 1/2" CALIPER QUERCUS BOREALIS RED OAK	HL	 (6) TOTAL - 2 1/2" CALIPER MALUS 'CORALLICE' CORALBURST CRABAPPLE
CC	 (45) TOTAL - 2 1/2" CALIPER MALUS 'CORALLICE' CORALBURST CRABAPPLE		
GROUND COVER			
	 SEED AND MULCH #236,176 SQ. FT. LOW MAINTENANCE MIX AS AVAILABLE FROM INDIANA SEED SOLUTIONS 65% TALL FESCUE, 25% PRG, 10% CR FESCUE		



LANDSCAPE PLAN

EMMANUEL CHURCH - FRANKLIN CAMPUS

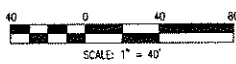
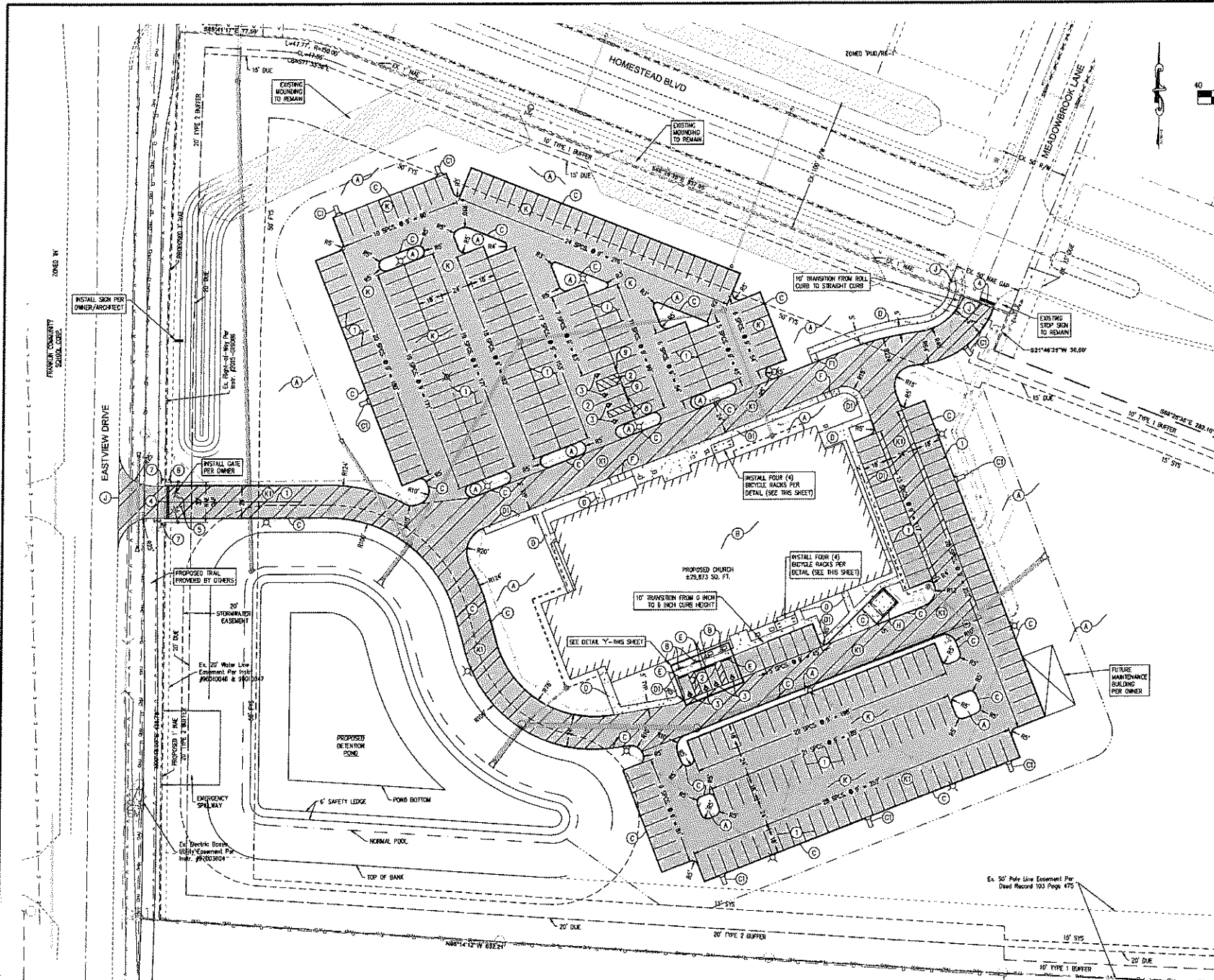
JOB No.	.	DRAWN	KLF	CHECKED	TEN	Transportation & Development Consultants SAY SWAMI KR. REDDY (PCL) IN CHARGE (0971-780-1102)
DATE	MARCH 16, 2017	DESIGNED	DWS	APPR.	CUJ	
						SHEET 800



Dark M. Singh

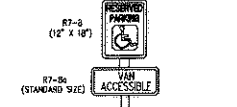
SHEET		800	
NO.	DATE	REVISIONS	BY
9			
8			
7			
6	05-25-17	REVISED LANDSCAPE PLAN TO INCLUDE CORAMBURST DRAPABLE TREES ALONG SOUTH PROPERTY LINE PER PLANNING DEPT. SUGGESTION	DMS
5	05-16-17	REVISED ELECTRIC LINE LAYOUT PER DUKE ENERGY COORDINATION	DMS
4	05-12-17	FIRE PROTECTION REVISIONS PER COORDINATION WITH INDIANA AMERICAN WATER COMPANY	GJI
3	05-08-17	REVISIONS PER TECHNICAL REVIEW COMMITTEE COMMENTS RECEIVED 04-27-17	DMS
2	03-27-17	REVISED LANDSCAPE PLAN TO INCLUDE RED DAUF CORAMBURST TREES ALONG SOUTH PROPERTY LINE PER DUKE ENERGY'S RECOMMENDATION	GJI
1	03-23-17	REVISED SHEETS 500 AND 800 TO INCLUDE LABELS FOR EXISTING DUKE POWER POLES ALONG SOUTH PROPERTY PER UTILITY'S REQUEST	DMS

DATE: 03-14-17
BY: JERRY MOON
PROJECT: EMMANUEL CHURCH - FRANKLIN CAMPUS
SHEET: 300 OF 300



EXISTING LEGEND	
POWERPOLE W/ LIGHT	CONTINGENT
POWERPOLE GROUND	PROPERTY LINE
POWERPOLE	SECTION LINE
LIGHTPOLE	RIGHT-OF-WAY
ELECTRIC MANHOLE	ADJACENT LINE
ELECTRIC CABLE	PAVEMENT LINE
CURB	EASEMENT LINE
TELEPHONE WIRE	FLOODPLAIN LINE
WATER METER	DITCH LINE
FIRE HYDRANT	FARM FIELD FENCE
WATER VALVE	CORROSION
SANITARY MANHOLE	WATER LINE
STORM	STORM SEWER LINE
TREE	SEWER LINE
MONUMENT FOUND	TREE LINE
BENCHMARK	
ASPHALT	BUILDING
CONCRETE	

PARKING ANALYSIS	
EMMANUEL CHURCH	
NUMBER OF SANITARY SEATS = 600 SEATS	
REQUIRED RATIO = 1 SP/3 SEATS	
TOTAL REQUIRED SPACES = 200 SPACES	
STANDARD PARKING SPACES = 200 SPACES	
HANDICAP ACCESSIBLE SPACES = 8 SPACES	
TOTAL PROPOSED PARKING SPACES = 208 SPACES	

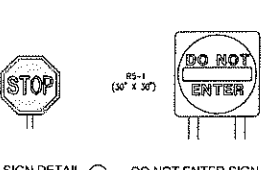
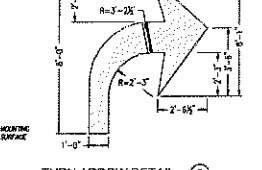
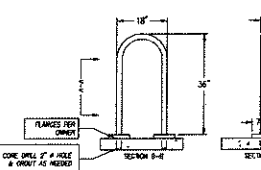
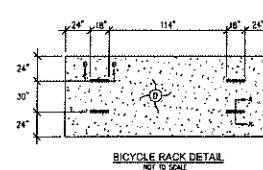
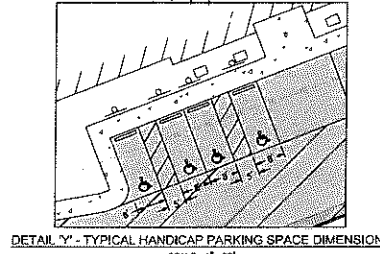


PROPOSED LEGEND	
PROPERTY LINE	
SECTION LINE	
PAVEMENT LINE	
EASEMENT LINE	
FLOODPLAIN LINE	
DITCH LINE	
FARM FIELD FENCE	
CORROSION	
WATER LINE	
STORM SEWER LINE	
SEWER LINE	
TREE LINE	
SANITARY SEWER FORCES MAIN	
SANITARY SEWER LATERAL	
STORM SEWER MANHOLE	
STORM SEWER	
ELECTRIC LINE	
TYPE SERVICE LINE	
WATER SERVICE LINE	
GAS LINE	
STORM INLETS	
WATER TEE	
45° BEND	
22.5° BEND	
TAPPING SLEEVE	
WATER VALVE	
FIRE HYDRANT	
WATER VAULT	
STORM TIE	
ELECTRIC TRANSFORMER	
GENERATOR	
SKIN	

SITE DIMENSION LEGEND	
(A) MULCH BEDDING/LANDSCAPE AREAS	(K) ASPHALT DRIVE SECTION
(B) STRUCTURE FOUNDATION - PER BUILDING PLANS	(K1) HMA SURFACE 9.5% ON
(C) STRAIGHT CONCRETE CURB (SEE DETAIL-SHEET 900)	(K2) HMA INTERMEDIATE 10.0% ON
(D) CONCRETE CURB TURNOUT (SEE DETAIL-SHEET 900)	(K3) COMPACTED AGGREGATE #57 ON
(E) 4" CONCRETE SIDEWALK (SEE DETAIL-SHEET 900)	(K4) COMPACTED SUBGRADE (SEE DETAIL-SHEET 900)
(F) MONOLITHIC CONCRETE CURB AND SIDEWALK (SEE DETAIL-SHEET 900)	(1) LINE, PAINTED, SOLID WHITE, 4"
(G) CONCRETE PARKING BARRIER (SEE DETAIL-SHEET 900)	(2) LINE, PAINTED, SOLID BLUE, 4"
(H) HANDICAP RAMP, TYPE "T" (SEE DETAIL-SHEET 900)	(3) HANDICAP SYMBOL, PAINTED, SOLID BLUE, 4"
(I) HANDICAP RAMP, TYPE "C" (SEE DETAIL-SHEET 900)	(4) STOP BAR, PAINTED, SOLID WHITE, 24" WIDE
(J) TYPICAL CONCRETE SECTION	(5) TURN ARROW, PAINTED, SOLID WHITE (SEE DETAIL - THIS SHEET)
(J1) 6" CONCRETE SLAB ON	(6) STOP SIGN (SEE DETAIL - THIS SHEET)
(J2) 4" COMPACTED AGGREGATE #57 ON	(7) DO NOT ENTER SIGN (SEE DETAIL - THIS SHEET)
(J3) 4" COMPACTED SUBGRADE (SEE DETAIL-SHEET 900)	(8) ADA PARKING SIGN (SEE DETAIL - THIS SHEET)
(J4) TRASH ENCLOSURE (PER OWNER & ARCHITECT)	(9) VAN ACCESSIBLE ADA PARKING SIGN (SEE DETAIL - THIS SHEET)
(J5) SAWCUT	(10) ENTRANCE SIGNAGE (PER OWNER & ARCHITECT)
(K) TYPICAL ASPHALT SECTION	(11) DECORATIVE LIGHT POLES & FOUNDATIONS (PER OWNER & PHOTOGRAPHIC PLAN)
(K1) HMA SURFACE 9.5% ON	
(K2) HMA INTERMEDIATE 10.0% ON	
(K3) COMPACTED AGGREGATE #57 ON	
(K4) COMPACTED SUBGRADE (SEE DETAIL-SHEET 900)	

SITE DIMENSION NOTES

- CONTRACTOR SHALL NOTIFY ENGINEER IF PROOF ROLL OF SUBGRADE FAILS TO DETERMINE IF LINE STABILIZATION OF SUBGRADE IS NECESSARY.
- CONTRACTOR SHALL PLACE 12" OF CLAY CAP WITHIN THE POND IF SANDY SOILS ARE ENCOUNTERED.
- ALL ROAD DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
- REFER TO ADJUSTED PLANS FOR ADDITIONAL SIGNAGE, TRAFFIC CONTROL, ETC. DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMEN, BARRIERS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE MUTCD STANDARDS SHALL APPLY TO THIS WORK.
- CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANY FOR WATER, CABLE, ELECTRIC, GAS, AND TELEPHONE CONNECTIONS.
- EXISTING UTILITY SIZE 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 FIELD VERIFY ALL SIZES AND MATERIALS. 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.
- ABBREVIATIONS DEFINED:
 - "HMA" DENOTES HOT-MIX ASPHALT
 - "TYP" DENOTES TYPICAL
 - "SY" DENOTES SIDE YARD SETBACK
 - "FYS" DENOTES FRONT YARD SETBACK
 - "RYS" DENOTES REAR YARD SETBACK
 - "DUE" DENOTES DRAINAGE AND UTILITY EASEMENT
- SHOWN SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 1" GALVANIZED, 12" LONG TYPE "A" SIGN POST. ALL SIGNAGE POSTS SHALL BE BREAKAWAY TYPE. ALL SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).



THESE PLANS ARE BASED UPON INFORMATION FROM AN AERIAL PHOTOGRAPHIC SURVEY PERFORMED BY COWI LAND SURVEYING, INC. WITH WORK ORDER NO. 15000 AND DATED JUNE 7, 2013 AND SURVEY INFORMATION PROVIDED BY JERRY MOON SURVEYING.



SITE DIMENSION PLAN

EMMANUEL CHURCH - FRANKLIN CAMPUS

DATE: MARCH 16, 2017

BY: JERRY MOON

CHECKED: JERRY MOON

DATE: MARCH 16, 2017

SCALE: 1" = 40'

SHEET 300