

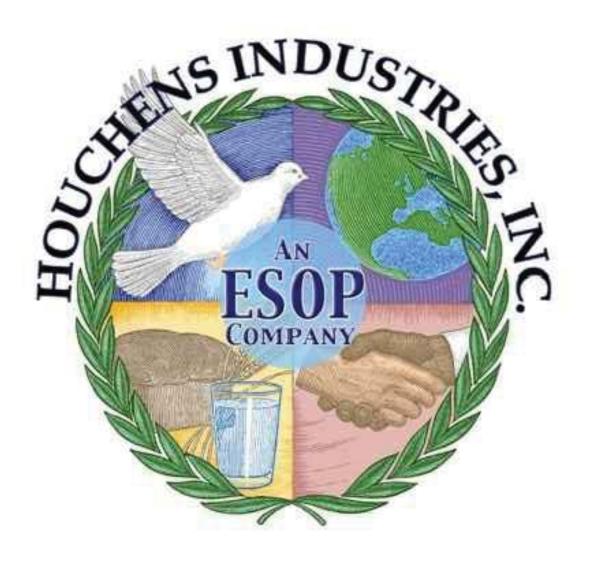
PLANNING COMMISSION: LEXINGTON-FAYETTE URBAN COUNTY PLANNING COMMISSION LEXINGTON, KY 40507 TELEPHONE: (859) 258-3160

CITY ENGINEER: LEXINGTON-FAYETTE URBAN COUNTY GOV'T 101 E. VINE ST LEXINGTON, KY 40507 CONTACT: JOSHUA DEZARN TELEPHONE: (859) 258-3598



DEVELOPMENT PLAN FOR HOUCHENS INDUSTRIES 2656 ABIGAIL WAY LEXINGTON, KY 40511

DECEMBER 4, 2017





DEVELOPER/APPLICANT/OWNER:

JR. FOODS, INC. 700 CHURCH ST. BOWLING GREEN, KY 42101 CONTACT: TIM RICH (270) 780-2973

CIVIL ENGINEER: ARNOLD CONSULTING ENGINEERING SERVICES, INC. P.O. BOX 1338 BOWLING GREEN, KY 42101 (270) 780-9445

UTILITY COMPANIES/ GOVERNMENT OFFICIALS

GAS: COLUMBIA GAS OF KENTUCKY 2001 MERCER ROAD CONTACT: ANDY ELLIOTT TELEPHONE: (859) 288-0285

SANITARY SEWER: LEXINGTON-FAYETTE URBAN COUNTY GOV'T DIVISION OF WATER QUALITY 125 LISLE INDUSTRIAL AVE STE 180 CONTACT: MARIA LUNDIN TELEPHONE: (859) 983-4711 CONTACT: GABE HENSLEY TELEPHONE: (859) 509-3201

WATER: KENTUCKY/AMERICAN WATER 2300 RICHMOND ROAD CONTACT: COLE MITCHAM TELEPHONE: (859) 335-3415

CABLE/TELEPHONE: WINDSTREAM COMMUNICATIONS, INC. 130 WEST NEW CIRCLE RD. STE 170 CONTACT: MIKE ADAIR EMAIL: JOHN.ADAIR@WINDSTREAM.COM T: (859)357-6306

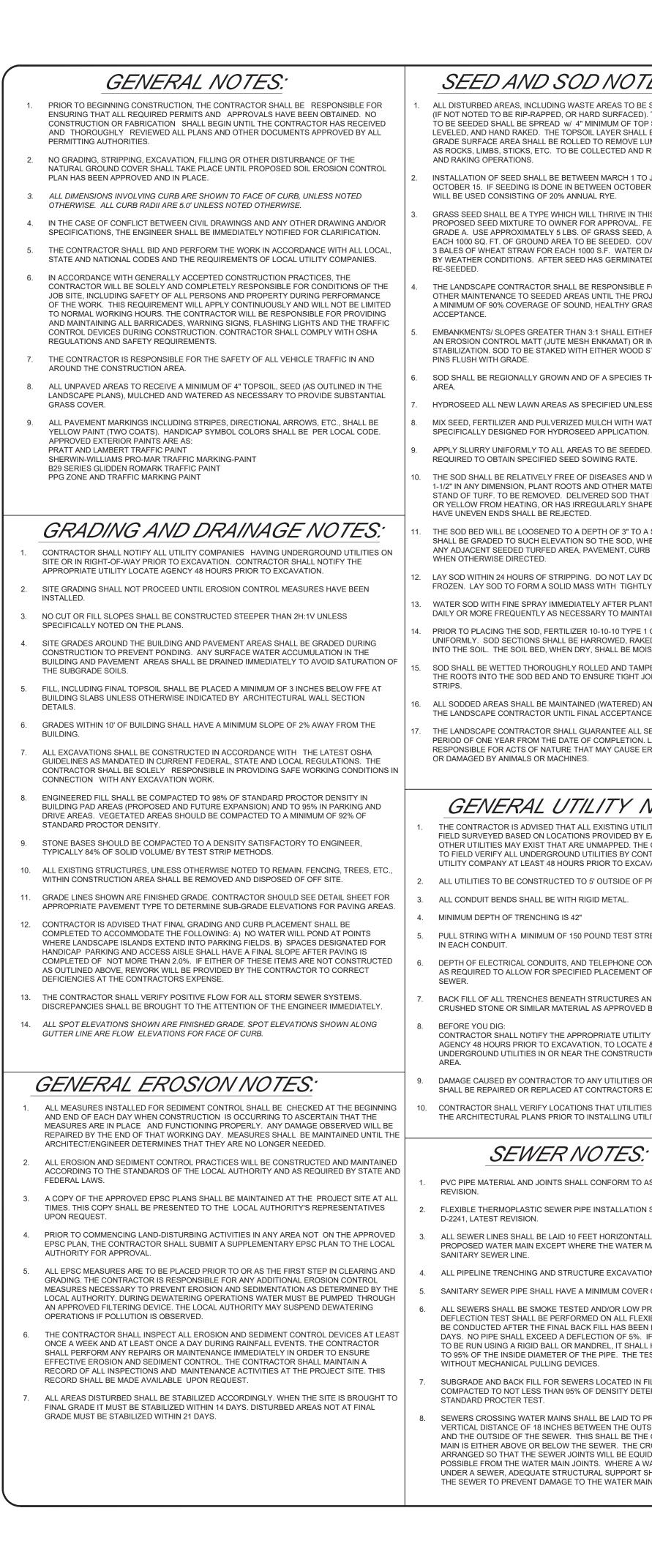
SHEET

GN	GENERAL NOTES
C1	TOPOGRAPHIC SURVEY
C2	PROPOSED SITE LAYOUT
C3	SITE GRADING AND DRAINAGE
C4.0	PRE EROSION CONTROL
C4.1	POST EROSION CONTROL
C5	SANITARY SEWER AND WATER
C6	ELECTRIC, GAS & TELEPHONE
C7	DETAILS
C8	DETAILS
L1	LANDSCAPE PLAN / PLANT SCHEDULE
SL1	SITE LIGHTING PLAN
SL2	SITE LIGHTING PLAN

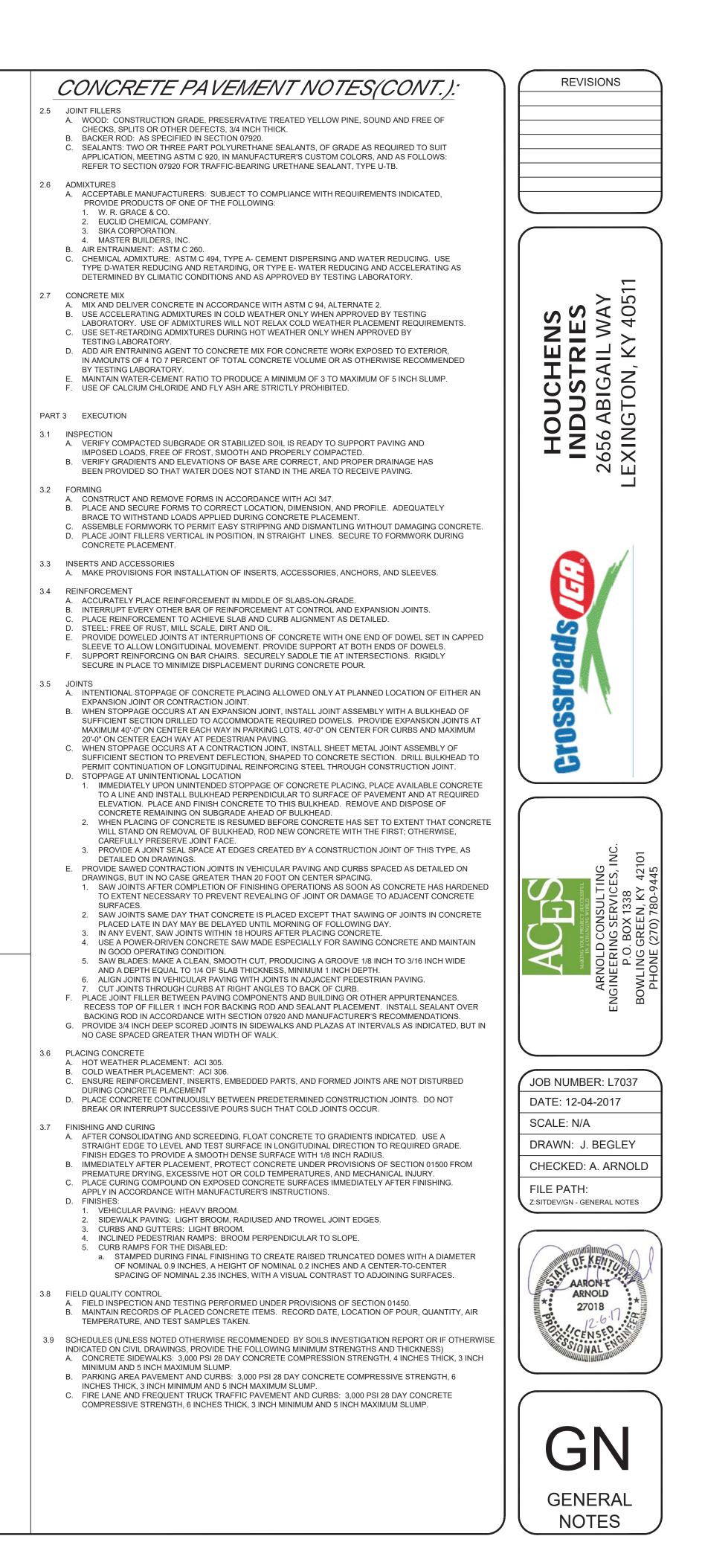
ELECTRIC: KENTUCKY UTILITIES COMPANY 500 STONE ROAD CONTACT: ALFRED SCOTT TELEPHONE: (859) 367-4326 CONTACT: TOM APPEL TELEPHONE: (859) 367-4353

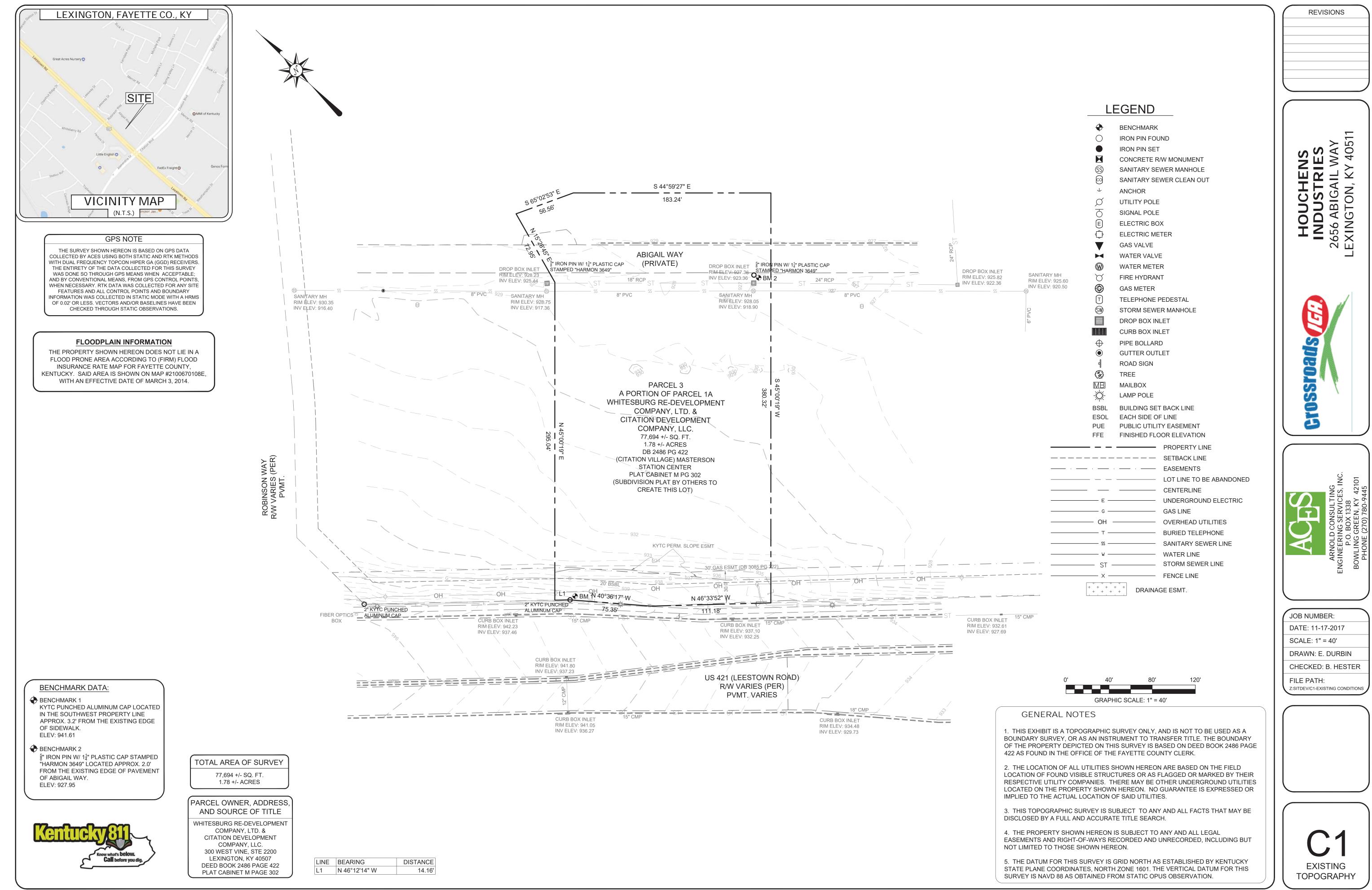


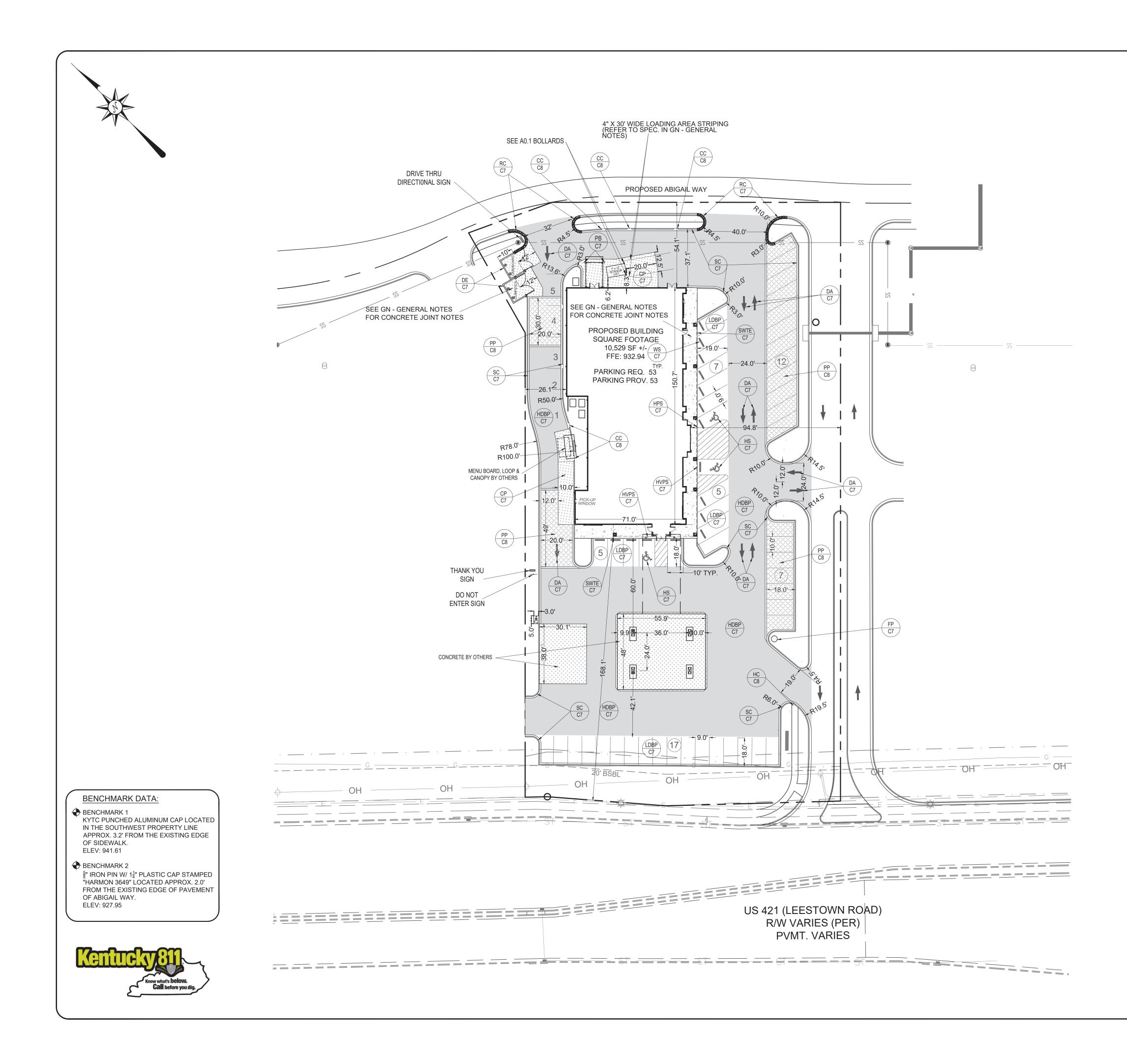
ARNOLD CONSULTING **ENGINEERING SERVICES, INC.** P.O. BOX 1338 BOWLING GREEN KY, 42101 **PHONE (270) 780-9445**



 CONTRACTOR SHALL COORDINATE WATER AND SEWERS, BUT IN NO CASE LESS THAN 48° DEEP. CONTRACTOR SHALL COORDINATE WATER AND SEWERS SERVICES CONSTRUCTION WITH THE REQUIREMENTS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ALL GOVERNING AGENCIES HAVING JURISDICTION OF UTILITY STANDARDS. MAIN WATER VALUES TO BE PROVIDED TO SUBJURISULTION OF UTILITY COMPANY. 	 LANDSCAPE NOTES: PLANT MATERIALS SHALL CONFORM IN SIZE AND GRADE TO AMERICAN STANDARDS FOR NURSERY STOCK. PLANT MATERIALS SHALL BE OF STANDARD QUALITY TRUE TO NAME AND TYPE, AND FIRST CLASS REPRESENTATIVES OF THEIR SPECIES OR VARIETY. PLANTS SHALL BE CAREFULLY LABELED AND OF SIZES NOTED. RIGHT IS RESERVED TO REJECT PLANTS CONSIDERED AS UNSATISFACTORY. REJECTED PLANTS TO BE REMOVED FROM SITE AT CONTRACTORS EXPENSE. HEADING-BACK PLANTS TO MEET SIZES INDICATED IN PLANT SCHEDULE WILL NOT BE PERMITTED. PLANTS & TREES A. CONTRACTOR SHALL STAKE THE LOCATION OF EACH TREE AND SHRUB IN ACCORDANCE WITH THE LOCATIONS SHOWN ON THE DRAWINGS. STAKING AND LAYOUT WORK SHALL BE DONE SUFFICIENTLY IN ADVANCE OF PLANTING OPERATION TO PERMIT THE LANDSCAPE DESIGNER TO CHECK, REVISE IF DESIRED, AND APPROVED THE LOCATIONS BEFORE DIGGING OPERATIONS BEGIN. B. EXCAVATE PLANTING BEDS AND POCKETS TO A DEPTH REQUIRED FOR PLANTINGS. C. ANY ROCK OR OTHER UNDERGROUND OBSTRUCTION SHALL BE REMOVED TO DEPTH NECESSARY TO PERMIT PLANTING ACCORDING TO THESE SPECIFICATION. D. IN GENERAL, CONTRACTOR SHALL THOROUGHLY WATER ALL PLANTED AREAS AFTER PLANTING AND IN DRY WEATHER USE ENOUGH WATER TO THOROUGHLY SOAK ALL TREE PITS BEFORE PLANTING. 3. MULCHING
 SURVEYED BASED ON LOCATIONS PROVIDED BY EACH UTILITY COMPANY. OTHER UTILITIES MAY EXIST THAT ARE UNMAPPED. THE CONTRACTOR IS ADVISED TO FIELD VERIFY ALL UNDERGOUND UTILITIES BY CONTACTING THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION. ALL UTILITIES TO BE CONSTRUCTED TO WITHIN 5' OF THE BUILDING. BACK FILL OF ALL TRENCHES BENEATH STRUCTURES AND/OR PAVEMENT SHALL BE CRUSHED STONE OR SIMILAR MATERIAL AS APPROVED BY THE ENGINEER. CONTRACTORS ARE ADVISED TO COORDINATE INSTALLATION OF ALL BURIED CONDUITS AND LINES SUCH THAT LINES WHICH CROSS ARE LAID BEGINNING WITH THE DEEPEST LINE FIRST. DEPTH OF WATERLINE SHALL BE ADJUSTED AS REQUIRED TO ALLOW FOR SPECIFIED PLACEMENT OF SANITARY AND STORM SEWERS, BUT IN NO CASE LESS THAN 48" DEEP. TAPPING AND INSPECTION FEES TO BE PAID BY CONTRACTOR, METER FEES TO BE PAID BY OWNER. CONTRACTOR SHALL COORDINATE WATER AND SEWER SERVICES CONSTRUCTION WITH THE LOCAL UTILITY COMPANY. ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ALL GOVERNING AGENCIES HAVING JURISDICTION OF UTILITY SYSTEMS PRIOR TO INSTALLATION. ALL GATE VALVES SHALL BE PROVIDED WITH VALVE BOX IN ACCORDANCE WITH WATER UTILITY STANDARDS. MAIN WATER VALVES ONLY TO BE OPERATED BY 	 PLANT MATERIALS SHALL CONFORM IN SIZE AND GRADE TO AMERICAN STANDARDS FOR NURSERY STOCK. PLANT MATERIALS SHALL BE OF STANDARD QUALITY TRUE TO NAME AND TYPE, AND FIRST CLASS REPRESENTATIVES OF THEIR SPECIES OR VARIETY. PLANTS SHALL BE CAREFULLY LABELED AND OF SIZES NOTED. RIGHT IS RESERVED TO REJECT PLANTS CONSIDERED AS UNSATISFACTORY. REJECTED PLANTS TO BE REMOVED FROM SITE AT CONTRACTORS EXPENSE. HEADING-BACK PLANTS TO MEET SIZES INDICATED IN PLANT SCHEDULE WILL NOT BE PERMITTED. PLANTS & TREES CONTRACTOR SHALL STAKE THE LOCATION OF EACH TREE AND SHRUB IN ACCORDANCE WITH THE LOCATIONS SHOWN ON THE DRAWINGS. STAKING AND LAYOUT WORK SHALL BE DONE SUFFICIENTLY IN ADVANCE OF PLANTING OPERATION TO PERMIT THE LANDSCAPE DESIGNER TO CHECK, REVISE IF DESIRED, AND APPROVED THE LOCATIONS BEFORE DIGGING OPERATIONS BEGIN. EXCAVATE PLANTING BEDS AND POCKETS TO A DEPTH REQUIRED FOR PLANTINGS. ANY ROCK OR OTHER UNDERGROUND OBSTRUCTION SHALL BE REMOVED TO DEPTH NECESSARY TO PERMIT PLANTING ACCORDING TO THESE SPECIFICATION. IN GENERAL, CONTRACTOR SHALL THOROUGHLY WATER ALL PLANTED AREAS AFTER PLANTING AND IN DRY WEATHER USE ENOUGH WATER TO THOROUGHLY SOAK ALL TREE PITS BEFORE PLANTING. MULCHING
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 THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES, AND FIRE HYDRANTS AND SHALL BE CONSTRUCTED ACCORDING TO WATER DEPARTMENT STANDARDS. ALL WATER AND SANITARY SEWER SERVICE LINES TO THE BUILDING(S) SHALL BE PROVIDED WITH A TEMPORARY PLUG (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY). COORDINATE ALL TESTING AND INSPECTION WITH THE LOCAL UTILITY COMPANY. THE CONTRACTOR SHALL FLUSH AND TEST ALL NEW UTILITY LINES ACCORDING TO THE LOCAL UTILITY COMPANY STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND ELEVATIONS OF EXISTING AND PROPOSED UTILITIES PRIOR TO CONSTRUCTION. ANY CONFLICTS DISCOVERED AFTER CONSTRUCTION HAS BEGUN, SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES IS TEN FEET OUTSIDE DIAMETER TO OUTSIDE DIAMETER. THE MINIMUM VERTICAL SEPARATION IS EIGHTEEN INCHES. BEFORE YOU DIG: CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY LOCATE AGENCY 48 HOURS PRIOR TO EXCAVATION, TO LOCATE AND FLAG ALL UNDERGROUND UTILITIES WITHIN THE PROPOSED RIGHT-OF-WAY. CONTRACTOR SHALL VERIFY LOCATIONS THAT UTILITIES ENTER THE BUILDING FROM THE ARCHITECTURAL PLANS PRIOR TO INSTALLING UTILITY SERVICE LINES. 	 A. MULCH TOP OF ROOT BALL AND SAUCER WITHIN 48 HOURS TO A MINIMUM DEPTH OF 2" AND TO A DEPTH NOT TO EXCEED 3". B. ALL SHADE AND FLOWERING TREES SHALL BE MULCHED WITH THREE (3) INCHES THICK (SETTLED) AND COVERING AN AREA TWELVE (12) INCHES GREATER THAN THE DIAMETER OF PIT. PLANT MAINTENANCE A. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE FOR 90 DAYS AFTER THE LAST PLANT HAS BEEN INSTALLED. B. ALL PLANTS SHALL BE KEPT IN A GROWING, HEALTHY CONDITION BY WATERING, PRUNING, SHEARING, SPRAYING, STRAIGHTENING OF PLANTS WHICH LEAN OR SAG, LIFTING PLANTS WHICH DEVELOP MORE THAN NORMAL SETLEMENT, WEEDING, AND BY ANY OTHER NECESSARY OPERATION OF MAINTENANCE. KEEP ALL PLANTING AREAS FREE OF WEEDS AND UNDESIRABLE GRASSES. C. DURING THE MAINTENANCE PERIOD, PLANTS IN AN UNHEALTHY OR BADLY IMPAIRED CONDITION, SHALL BE REMOVED AND REPLACED IMMEDIATELY USING SPECIFIED MATERIAL. D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY GUY WIRES OR STAKES THAT MAY BE USED DURING THE PLANTING OF THIS PLANTING PLAN MONE YEAR AFTER FINAL ACCEPTANCE. 5. ACCEPTANCE AND GUARANTEE A. ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR WITHOUT SATISFACTORY GROWTH, AS DETERMINED BY THE LANDSCAPE DESIGNER, SHALL BE REPLACED AT NO ADDITIONAL COST.
 UNDERGROUND PRIMARY ELECTRIC REQUIREMENTS; GENERAL: TRANSFORMER PADS, VAULTS, SECONDARY CONDUCTOR, METER SOCKET, EXCAVATION, CONDUIT AND BACKFILL PROVIDED BY CONTRACTOR. PADMOUNT TRANSFORMERS, JUNCTION ENCLOSURES, PRIMARY CONDUCTORS, AND INSTALLATION OF SAME BY LOCAL UTILITY COMPANY. UNDERGROUND CONSTRUCTION BY CONTRACTOR IS SUBJECT TO INSPECTION BY LOCAL UTILITY COMPANY, AND MUST BE APPROVED BY LOCAL UTILITY COMPANY PRIOR TO THE INSTALLATION OF CONDUCTOR AND TRANSFORMERS. CONDUIT TO BE INSPECTED BEFORE BACKFILLING. REFER TO LOCAL UTILITY COMPANY'S OPERATING POLICIES FOR ADDITIONAL RULES AND REGULATIONS. PROJECT AREA SHALL BE AT LEAST ROUGH GRADE BEFORE ANY TRENCHING CAN BEGIN. ANY CHANGES TO THESE OR ANY OTHER LOCAL UTILITY COMPANY SPECIFICATIONS RELATING TO SAME MUST BE DESIGNED OR APPROVED BY LOCAL UTILITY COMPANY. 	 B. ALL PLANT MATERIAL SHALL HAVE A ONE YEAR WARRANTY FOR REPLACEMENT. DURING THE BIDDING PROCESS, NO PLANTS MAY BE SUBSTITUTED FOR A DIFFERENT PLANT. THE PLAN MUST BE BID AS DRAWN. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO COME BACK AFTER ONE YEAR OF ACCEPTANCE OF THE PLANTING TO REMOVE ANY STAKES OR GUY WIRES THAT MAY HAVE BEEN USED ANY DISCREPANCY BETWEEN THE PLANTING PLAN AND THE PLANT SCHEDULE SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE DESIGNER AND THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT SCHEDULE. ALL AREAS OF TURF SHALL BE SODDED OR SEEDED AS SHOWN ON THE LANDSCAPE PLAN WITH A BLEND OF 70% TURF TYPE FESCUE, 20% BLUEGRASS AND 10% ANNUAL RYE. ALL SHRUBS THAT ARE SHOWN IN GROUPINGS SHALL BE MULCHED TOGETHER WITH SHREDDED HARDWOOD MULCH AT A MINIMUM OF 3" IN DEPTH. ANNUALS AND PERENNIALS SHALL BE AT THE DISCRETION OF THE PROPERTY OWNER AS TO TYPE AND COLOR.
7. BEFORE ANY EXCAVATION IS PERFORMED NEAR LOCAL UTILITY COMPANY'S EXISTING FACILITIES, A 48-HOUR NOTICE TO THE APPROPRIATE UTILITY LOCATE AGENCY MUST BE GIVEN SO THAT NECESSARY ACTION CAN BE TAKEN TO MINIMIZE	PART 1GENERAL
 AGENCY MUST BE GROUP ROPERTY. CONDUIT REQUIREMENTS: 1. MINIMUM SIZE OF PRIMARY CONDUIT TO BE 2-1/2" SCH 80 PVC AND MINIMUM DEPTH FOR THIS CONDUIT TO BE 42" TO TOP OF CONDUIT. MINIMUM SIZE OF SECONDARY CONDUIT TO BE 3" SCH 80 PVC AND MINIMUM DEPTH FOR THIS CONDUIT TO BE 42" TO TOP OF CONDUIT. 2. ALL CONDUITS TO BE TURNED UP INTO TRANSFORMERS AND SECONDARY VAULTS AS SHOWN. SEE ATTACHED DETAILS. 3. ALL BENDS IN CONDUIT TO BE OF SUFFICIENT RADII TO PERMIT EASE IN PULLING WIRE (NO PLUMBERS BENDS WILL BE ACCEPTED). ALL 90" BENDS IN PRIMARY CONDUIT WILL HAVE A MINIMUM RADIUS OF 36". ALL 90" BENDS IN SECONDARY CONDUIT WILL HAVE A MINIMUM RADIUS OF 36". ALL 90" BENDS IN SECONDARY CONDUIT WILL HAVE A MINIMUM RADIUS OF 18". 4. ALL CONDUITS TO CONTAIN 150 LB. TEST (OR GREATER) NYLON STRING. 5. BACKFILL OVER CONDUIT TO CONTAIN NO LARGE ROCKS OR DEBRIS. 6. ALL CONDUITS BENEATH ROAD SUFFICIENT AND LOCATED BENEATH ALL OTHER UTITIES WHERE POSSIBLE. ALTERATIONS TO THIS SPECIFICATION WILL BE DESIGNED OR APPROVED BY LOCAL UTITY COMPANY. 8. A "BURIED ELECTRIC LINES" WARNING TAPE (3" MINIMUM WIDTH) WILL BE INSTALLED 12" DIRECTLY OVER PRIMARY CONDUITS NAD 12" BENEATH FINAL GRADE FOR SAME. 9. SECONDARY CONDUITS NOT FOLLOWING A STRAIGHT LINE BETWEEN TERMINATIONS WILL ALSO REQUIRE WARNING TAPE TO BE INSTALLED 12" BENEATH FINAL GRADE. 10. WARNING TAPE WILL BE FURNISHED BY LOCAL UTILITY COMPANY. 8. A "BURIED ELECTRIC LINES" WARNING TAPE TO BE INSTALLED 12" BENEATH FINAL GRADE. 10. WARNING TAPE WILL BE FURNISHED BY LOCAL UTILITY COMPANY UPON REQUEST. 11. ENTIRE EXCAVATED AREA NEAR PAD TO BE BACKFILLED WITH NO 9 CRUSHED STONE. 12. WHEN LOCAL UTILITY COMPANY CONDUCTORS ARE TO BE PARALLED TO AGLE FUR OR SECONDARY CONDUCTORS ARE TO BE PARALLED TO AGLE TO OR TELEPHONE, THERE MUST BE A MINIMUM SEPARATION OF ONO FOOT. NO OTHER UTILITIES ANY BED BIRCTLY ADOVE THE DOWER CABLES. 13. WHEN CROSSING UNDER OTHER	 PART 1GENERAL 1.1 QUALITY ASSURANCE A PERFORM WORK IN ACCORDANCE WITH ACI 301. B OBTAIN MATERIALS FROM SAME SOURCE THROUGHOUT. 1.2 REGULATORY REQUIREMENTS A CONFORM TO APPLICABLE CODE FOR PAVING WORK ON PUBLIC PROPERTY. 1.3 TESTIS A TESTING AND ANALYSIS PERFORMED UNDER PROVISIONS OF SECTION 01450. B. TESTING AND ANALYSIS PERFORMED UNDER PROVISIONS OF SECTION 01450. B. TESTING AND ANALYSIS PERFORMED UNDER PROVISIONS OF SECTION 01450. B. TESTING ACCORDANCE WITH ACI 301. C. FOUR CONCRETE TEST CYLINDERS NULL BE TAKEN FOR EVERY 50 OR LESS CUBIC YARDS OF EACH CLASS OF CONCRETE PLACED EACH DAY. D. ONE SLUMP TEST WILL BE TAKEN FOR EACH SET OF TEST CYLINDERS TAKEN. 1.4 ENVIRONMENTAL REQUIREMENTS A DO NOT PLACE PAVEMENT WHEN BASE SURFACE OR AMBIENT TEMPERATURE IS LESS THAN 40 DEGREES F, OR IF BASE SURFACE OR AMBIENT TEMPERATURE IS LESS THAN 40 DEGREES F, OR IF BASE SURFACE IS WET OR FROZEN. PART 2 PRODUCTS 2.1 CONCRETE MATERIALS A CEMENT: ASTM C 150, AIR ENTRAINING-TYPE IA, PORTLAND CEMENT, GRAY COLOR. B. FINE AND COARSE AGGREGATES: ASTM C 33. C. WATER: CLEAN AND NOT DETRIMENTAL TO CONCRETE. 2.2 FORM MATERIALS A CONFORM TO ACI 301. IF USING METAL, USE MATERIAL FREE OF DEFORMITIES. IF USING WOOD, USE CONSTRUCTION GRADE LUMBER, SOUND AND FREE OF WARP, MINIMUM 2 INCH NOMINAL THICKNESS, EXCEPT WHERE SHORT RADII OF CURVES REQUIRE THINER FORMS. B. CONTRACTION JOINT DEVICES: GALVANIZED SHEET METAL, KEYED PROFILE, WITH KNOCK-OUTS FOR REINFORCING AND DOWEL STELL. 2.3 REINFORCEMENT A. REINFORCING STEEL: ASTM A 615; 60 KSI YIELD GRADE; DEFORMED BILLET STEEL BARS, UNCOATED FINISH. B. WELDED STEEL MINIMUM 16 GAGE SIZE. D. DOWELS: ASTM A 615; 40 KSI YIELD GRADE; PLAIN STEEL, UNCOATED FINISH. B. WELDED ST
	 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND ELVANTONS OF EXISTING AND PROVIDED UTLITES PROCETO CONSTRUCTION MORRECTED AT THE CONTRACTORS EXPENSE. THE INIMUM HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES IS THE NEET OUTSIDE CAMETER TO CUTSIDE CAMETER. THE MINIMUM VERTICAL SEPARATION IS EIGHTEEN TO CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTLITY ULCATE AGENY 34 HOLD STRICT TO EXCAVATION, TO LOCATE AND FLAG ALL UNDERROUND UTLITES WITHIN THE PROPOSED RIGHT-OF-WAY. CONTRACTOR SHALL VERY LOCATIONS THAT UTLITIES EITHET THE ENULDING FROM THE ARCHITECTURAL PLANS PRIOR TO INSTALLING UTLITY SERVICE LINES. CONTRACTOR SHALL VERY LOCATIONS THAT UTLITIES ENTER THE ENULDING FROM THE ARCHITECTURAL PLANS PRIOR TO INSTALLING UTLITY SERVICE LINES. CONTRACTOR SHALL VERY LOCATIONS THAT TO INSTALLING UTLITY COMPANY. UNDERGROUND CONSTRUCTION BY CONTRACTOR IS SUBJECT TO INSPECTION BY LOCAL UTLITY COMPANY, AND AUST EXPROVED BY LOCAL UTLITY COMPANY. UNDERGROUND CONSTRUCTION BY CONTRACTOR IS SUBJECT TO INSPECTION BY LOCAL UTLITY COMPANY, AND AUST EXPROVED BY LOCAL UTLITY COMPANY PROB TO THE INSTALLATION OF CONDUCTOR AND TRANSFORMES. CONDUCTORS, AND REGULATIONS. PROUCH TARGA SHALL BE AT LEAST ROUGH GRADE BEFORE ANY TRENCHING CAN BEGIN. RELEATE DAGA. MULTUR COMPANY SUBJECT TO INSPECTION BY LOCAL UTLITY COMPANY SUBJECT TO INSPECTION BY LOCAL UTLITY COMPANY SUBJECT TO INSPECTION SIX RELETION TO BAR MULTUR DE CANCEL UTLITY COMPANY RELEASTOR SHALL BE AT LEAST ROUGH GRADE BEFORE ANY TRENCHING CAN BEGIN. RELEAST DE CANA DE THER LOCAL UTLITY COMPANY RELEASTOR TO AND ANY CONDULT TO BE 2-12' SCH 80 PVC AND MINIMUM DEPTH FOR THE SUBJECT ON THE







DEVELOPMENT SUMMARY							
STATISTIC	PERMITTED / REQUIREMENT	PROVIDED					
CURRENT ZONING	B-3	B-3					
PROPOSED USE	B-3	B-3					
TOTAL SITE AREA	77,694 SQ. FT. 1.78 +/- ACRES	77,694 SQ. FT. 1.78 +/- ACRES					
LOT COVERAGE	NONE	84.8% (1.51 ACRES)					
BUILDING SETBACKS	FRONT: 20' SIDES: 0' REAR: 0'	FRONT (LEESTOWN RD): 168.1' SIDE (WEST): 26.1' SIDE (EAST): 94.8' REAR (NORTH): 54.1'					
TOTAL PARKING	1 SPACE PER 200 SQ. FT. 10,529 SF. / 200 SF. = 52.6 SPACES	HANDICAP SPACES: 3 STANDARD SPACES: 50					
	53 SPACES REQUIRED	TOTAL SPACES: 53					
LANDSCAPE PLAN	SEE SHEET L1	SEE SHEET L1					
DRAINAGE PLAN	SEE SHEET C3	SEE SHEET C3					
TRAFFIC STUDY	N/A	N/A					
SITE ACCESS	PER CITY	U.S. 421 AND ABIGAIL ROAD					
DISTANCE TO NEARES	ST INTERSECTION (ROBINSON WAY):	APPROX.260'					
	DEVELOPMENT SU	IMMARY					
STATISTIC	PERMITTED / REQUIREMENT	PROVIDED					
F.A.R.	N/A	13.6%					
BUILDING AREA	N/A	10,529 SQ. FT.					
BUILDING HEIGHT	N/A	1 STORY - APPROX. 30' T.O. TOWER					

CONSTRUCTION LEGEND

	LDBP C7 - LIGHT DUTY BITUMINOUS PAVEMENT	(
	HDBP C7 HEAVY DUTY BITUMINOUS PAVEMENT	$\left(\right)$
	SWTE C7 SIDEWALK TURN-DOWN EDGE	$\left(\right)$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	CP C7 - CONCRETE PAVEMENT	$\left(\right)$
G	HS C7 -HANDICAP SYMBOL	$\left(\right)$
	FP C7 -FLAG POLE	$\left(\right)$
	PP C8 -PERVIOUS PAVERS	$\left(\right)$
	CC C8 -3' CURB CUT	$\left(\right)$
	PB C7 - PIPE BOLLARD	

HVPS C7	- HANDICAP VAN PARKING SIGN
HPS C7	- HANDICAP PARKING SIGN
HC C8	-HANDICAP RAMP
SC C7	-STANDARD CURB
RC C7	-ROLLED CURB
DE C7	-DUMPSTER ENCLOSURE
WS C7	- WHEEL STOP
DA C7	- DIRECTIONAL ARROW



REVISIONS

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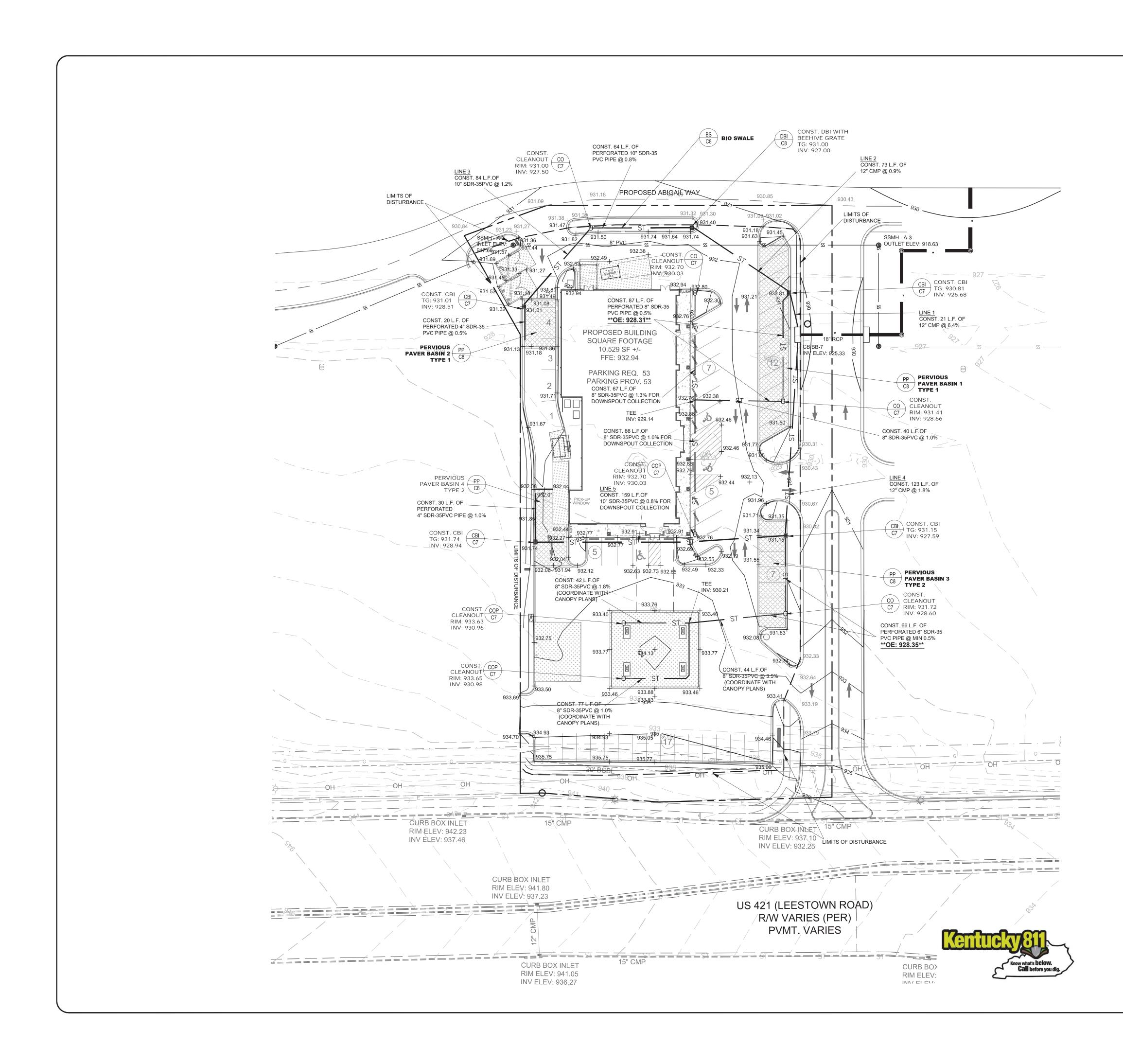
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HOUCHEN INDUSTRIE 2656 ABIGAIL W LEXINGTON, KY 4





STORMWATER DETENTION NOT REQUIRED (REGIONAL DETENTION BASIN)



- BENCHMARK DATA:
- BENCHMARK 1 KYTC PUNCHED ALUMINUM CAP LOCATED IN THE SOUTHWEST PROPERTY LINE APPROX. 3.2' FROM THE EXISTING EDGE OF SIDEWALK. ELEV: 941.61
- 🕀 BENCHMARK 2
- $\frac{5}{8}$ " IRON PIN W/ 1¹/₄" PLASTIC CAP STAMPED "HARMON 3649" LOCATED APPROX. 2.0' FROM THE EXISTING EDGE OF PAVEMENT OF ABIGAIL WAY. ELEV: 927.95

CONSTRUCTION LEGEND

CBI C7 -CURB BOX INLET

PP C8 -PERVIOUS PAVERS

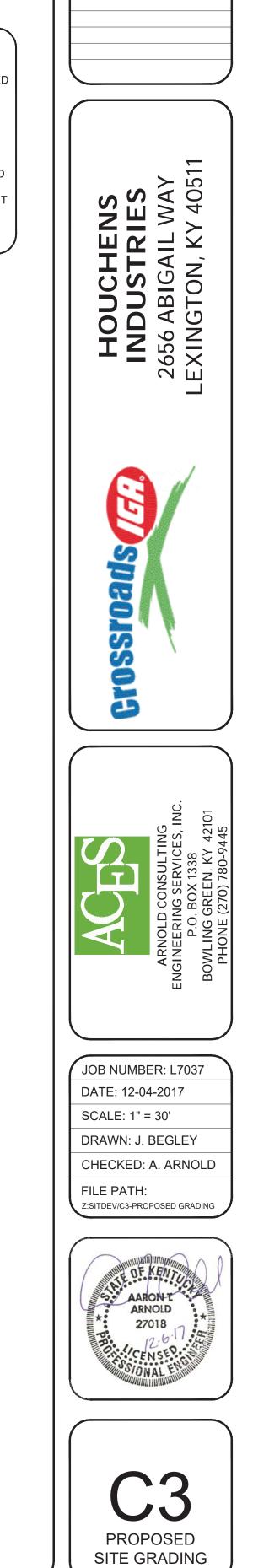
CO C7 -CLEANOUT

BS C8 -BIO SWALE

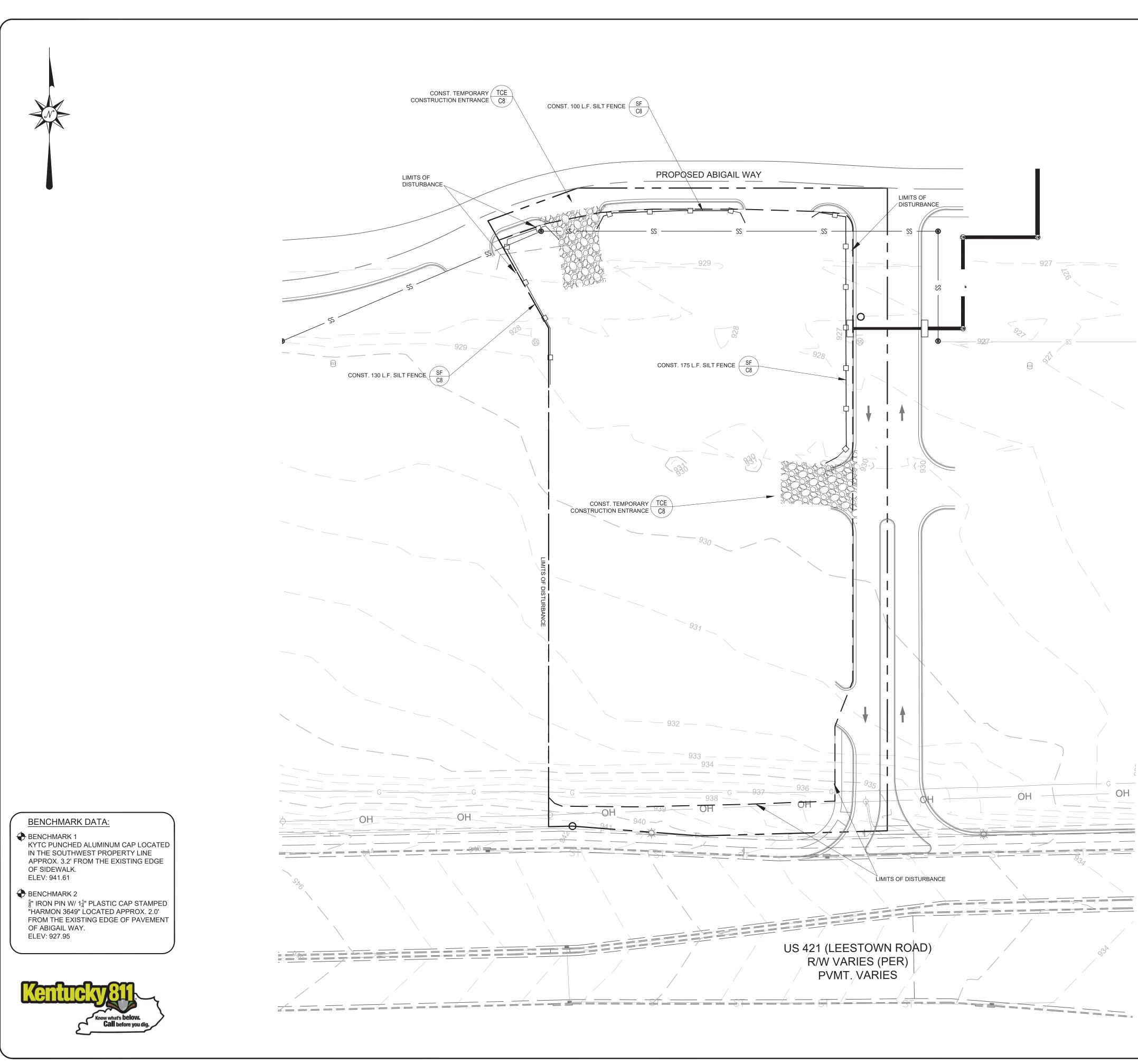
GRAPHIC SCALE: 1" = 30'

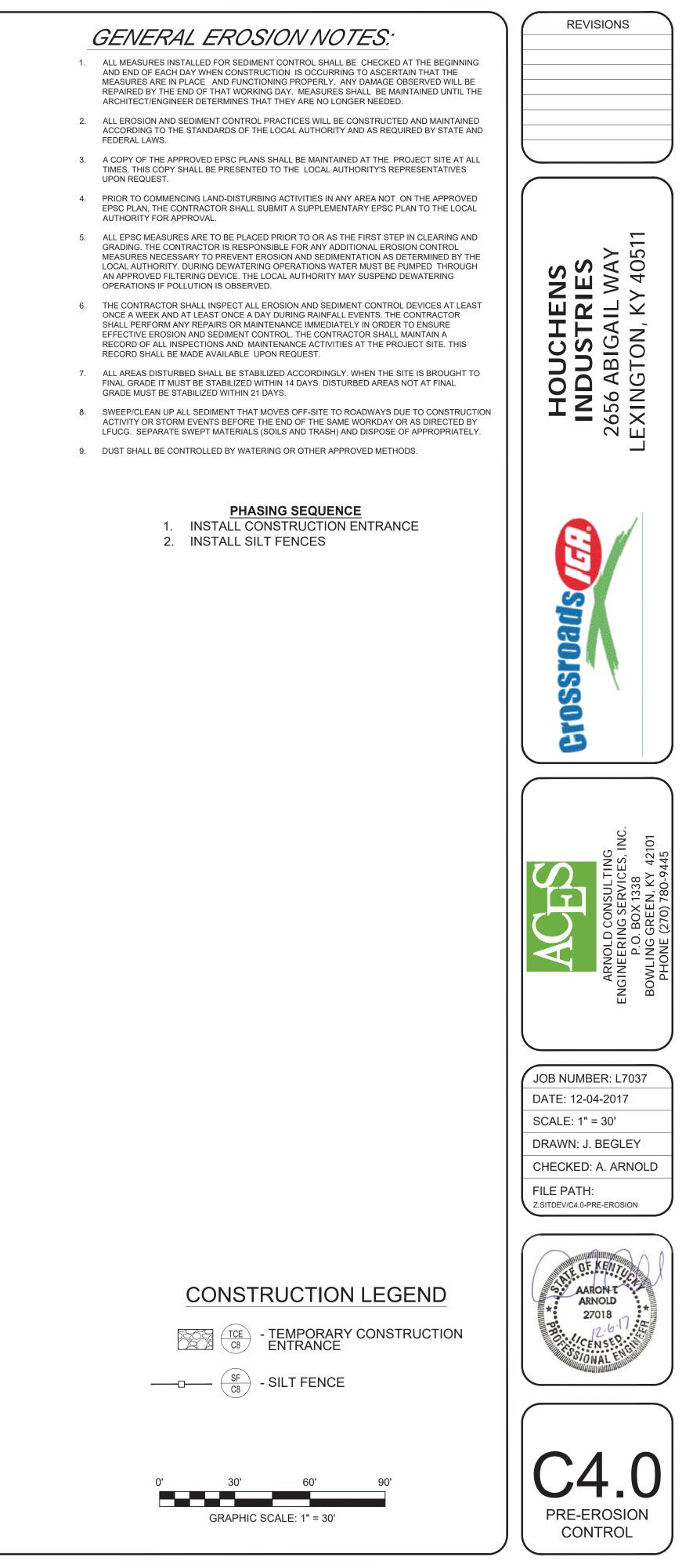
DBI C8 -DROP BOX INLET

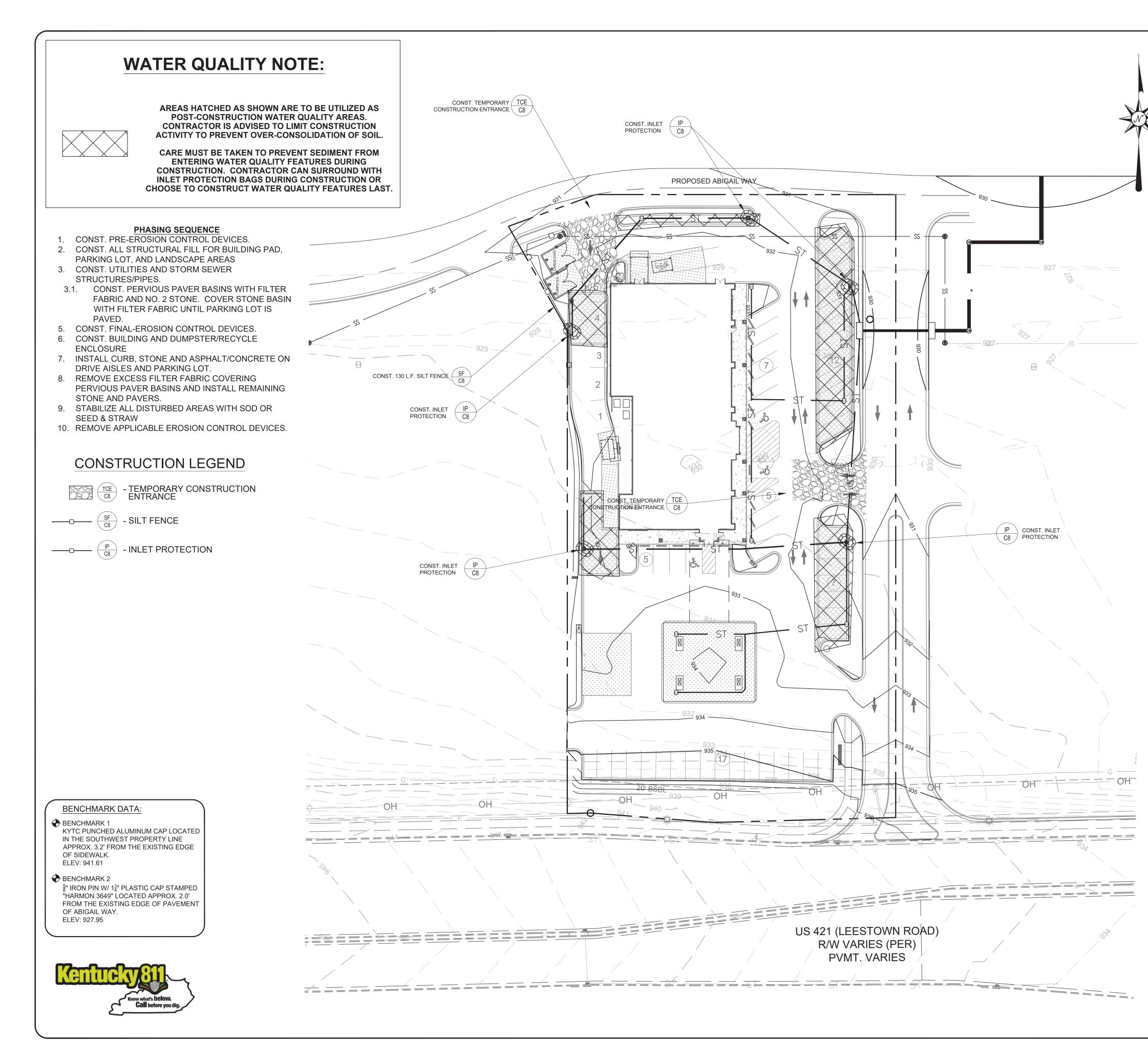
COP C7 -CLEANOUT IN PAVED AREAS

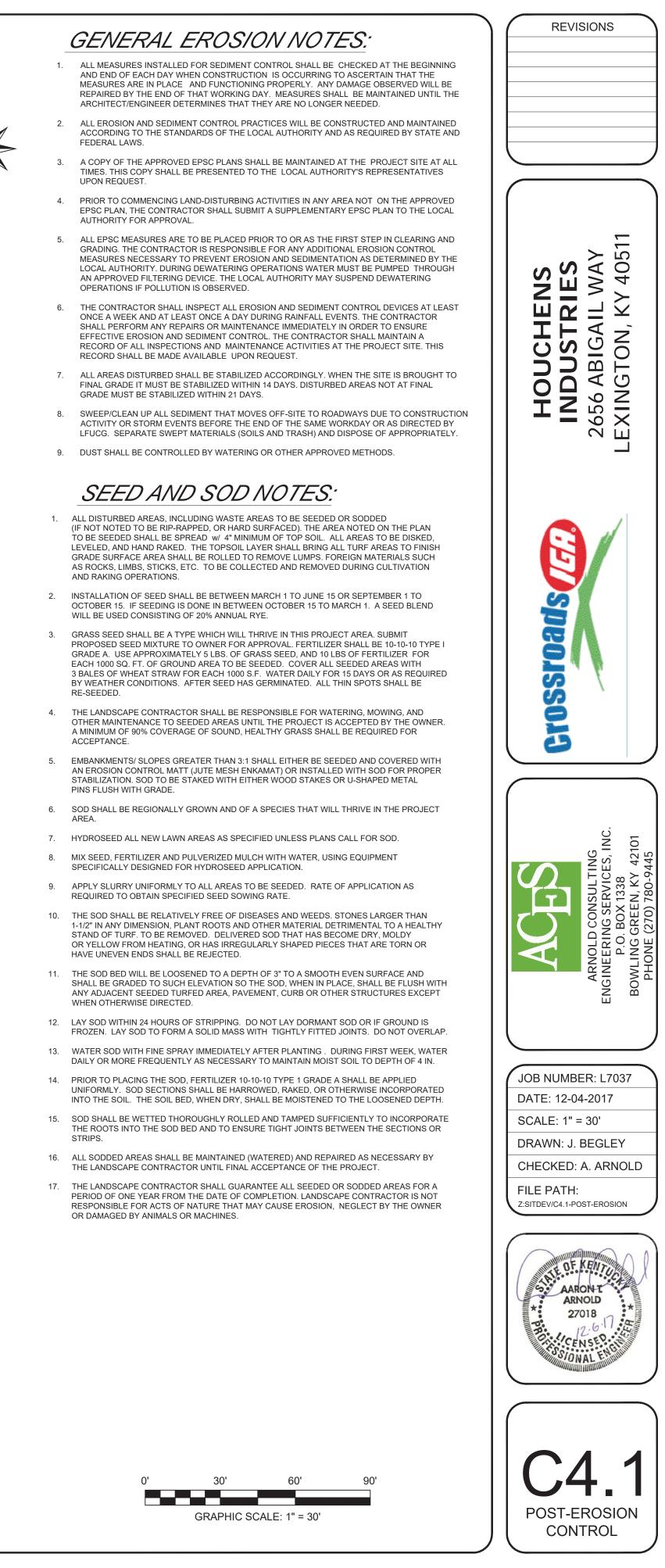


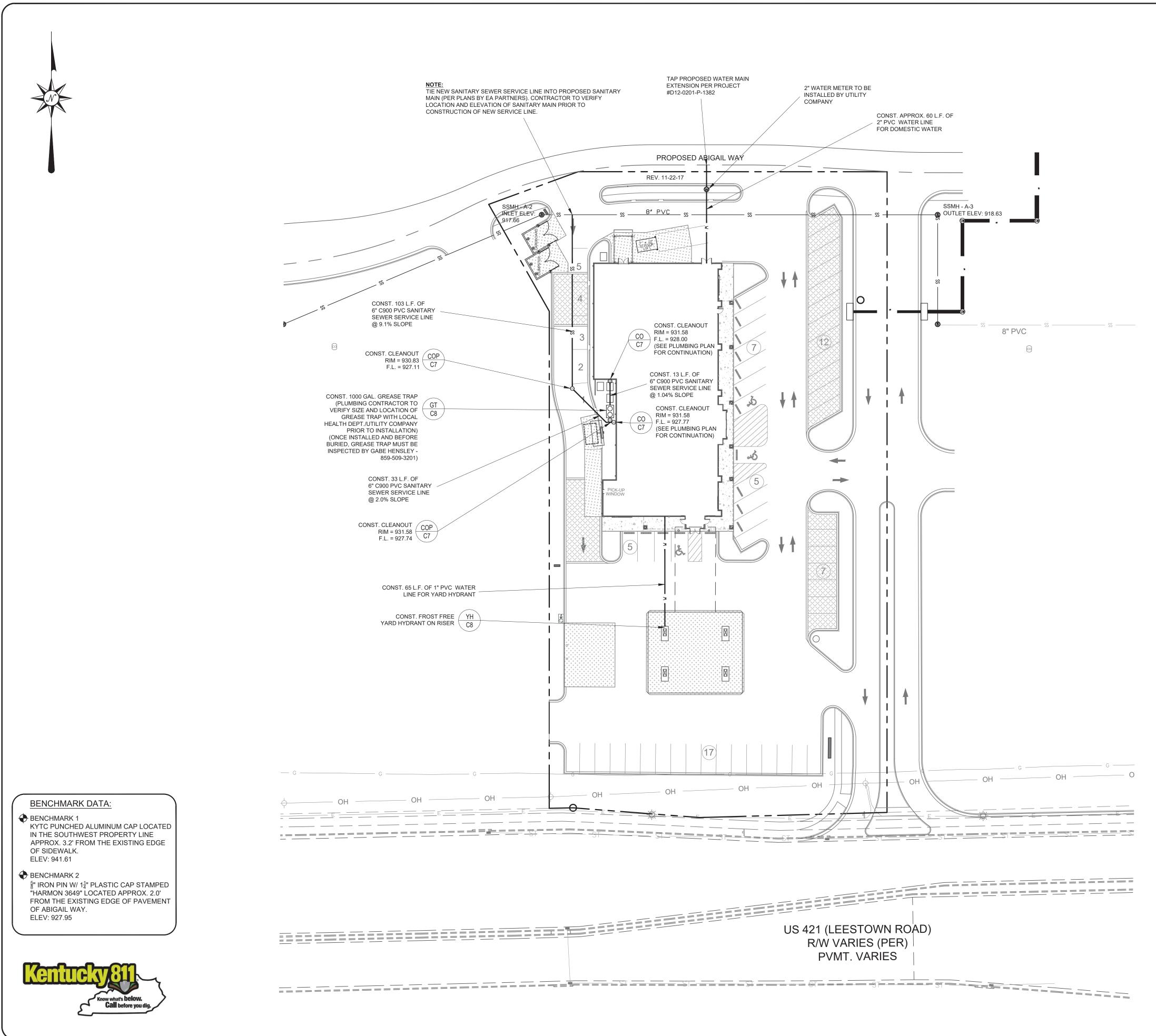
REVISIONS

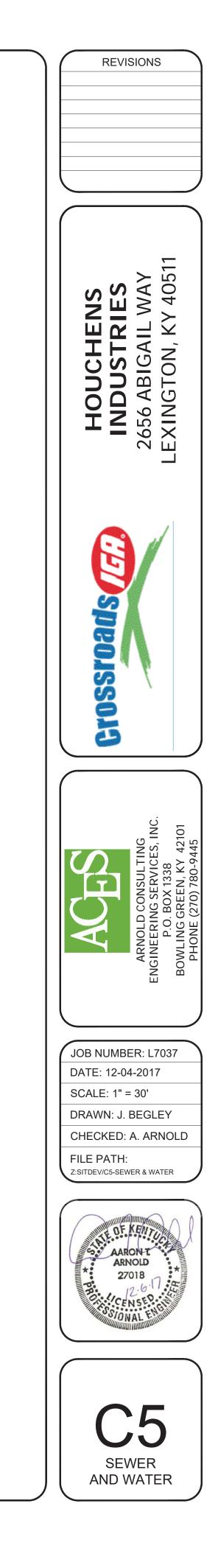










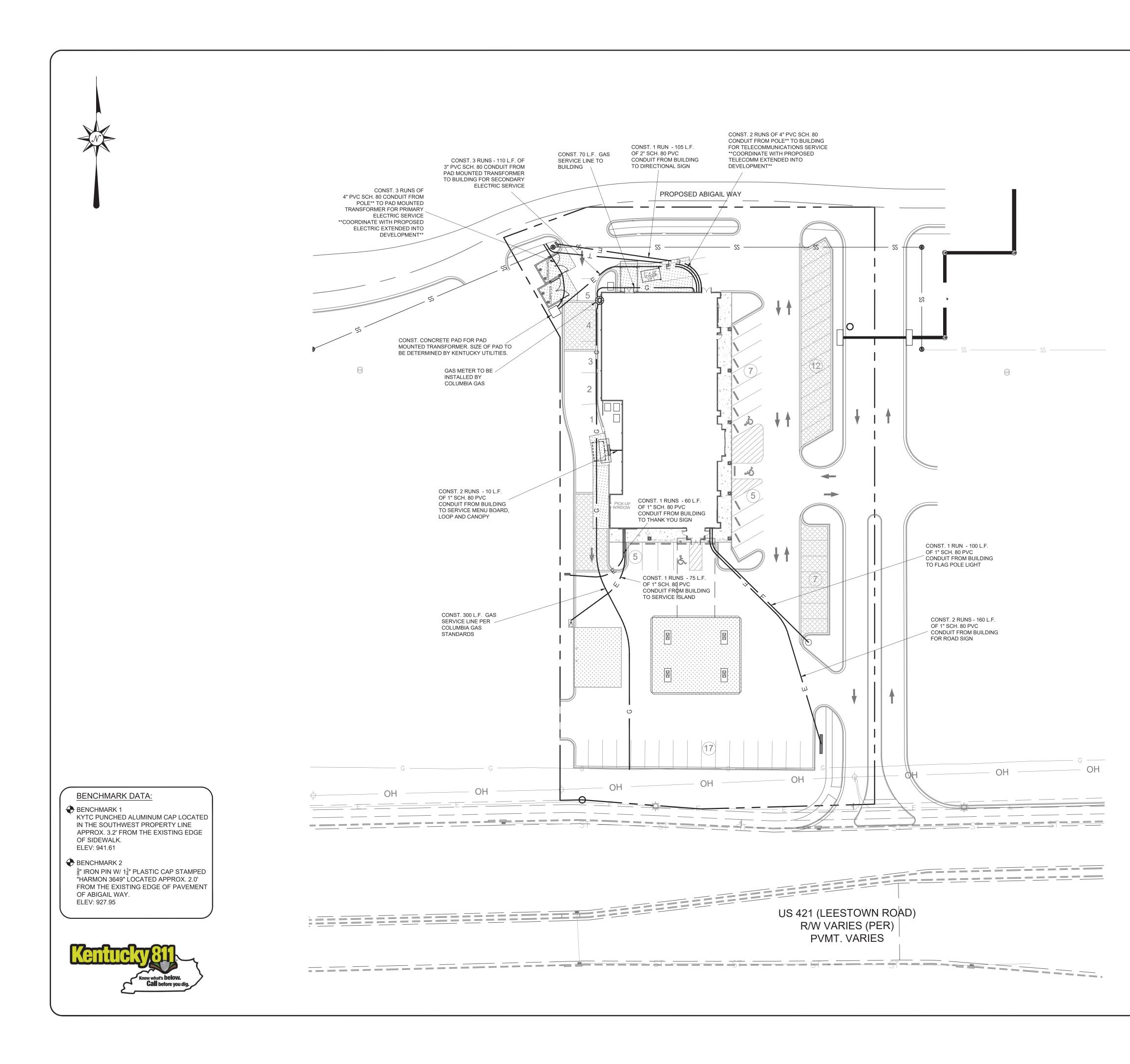


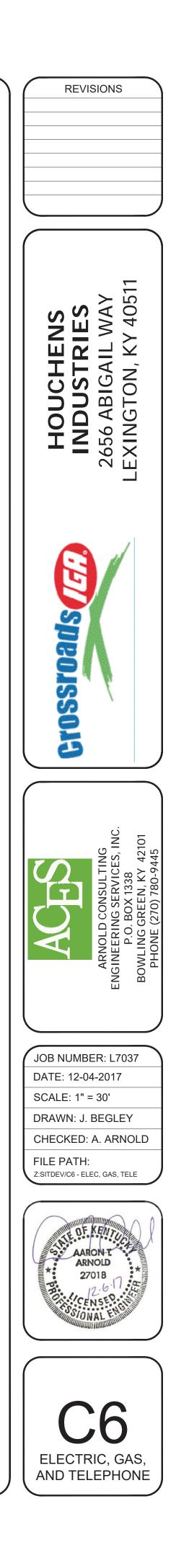


- CO C7 CLEANOUT
- COP C7 - CLEANOUT PAVED AREA
- (YH C7 - YARD HYDRANT
- GT C8 - GREASE TRAP

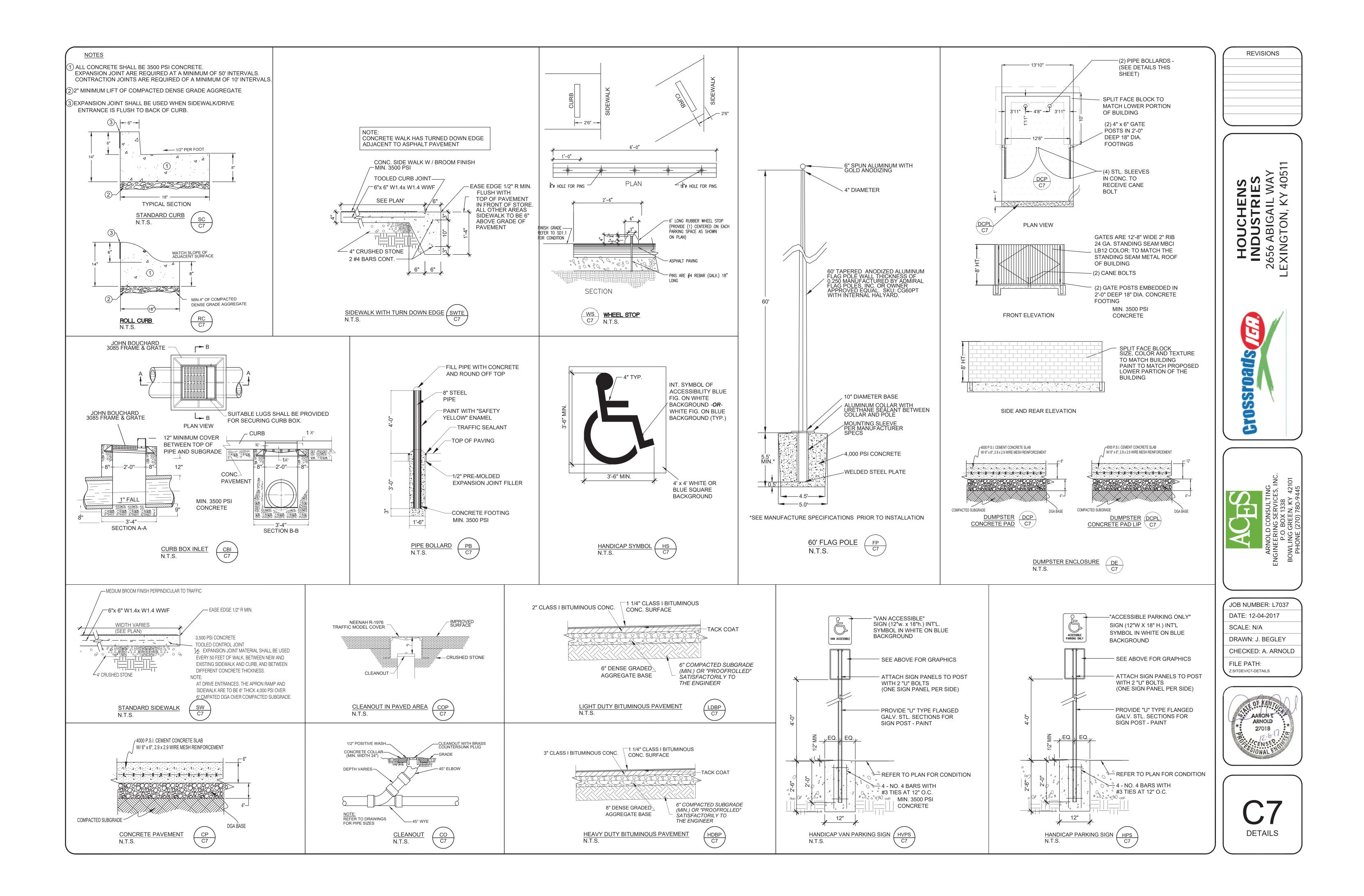
GRAPHIC SCALE: 1" = 30'

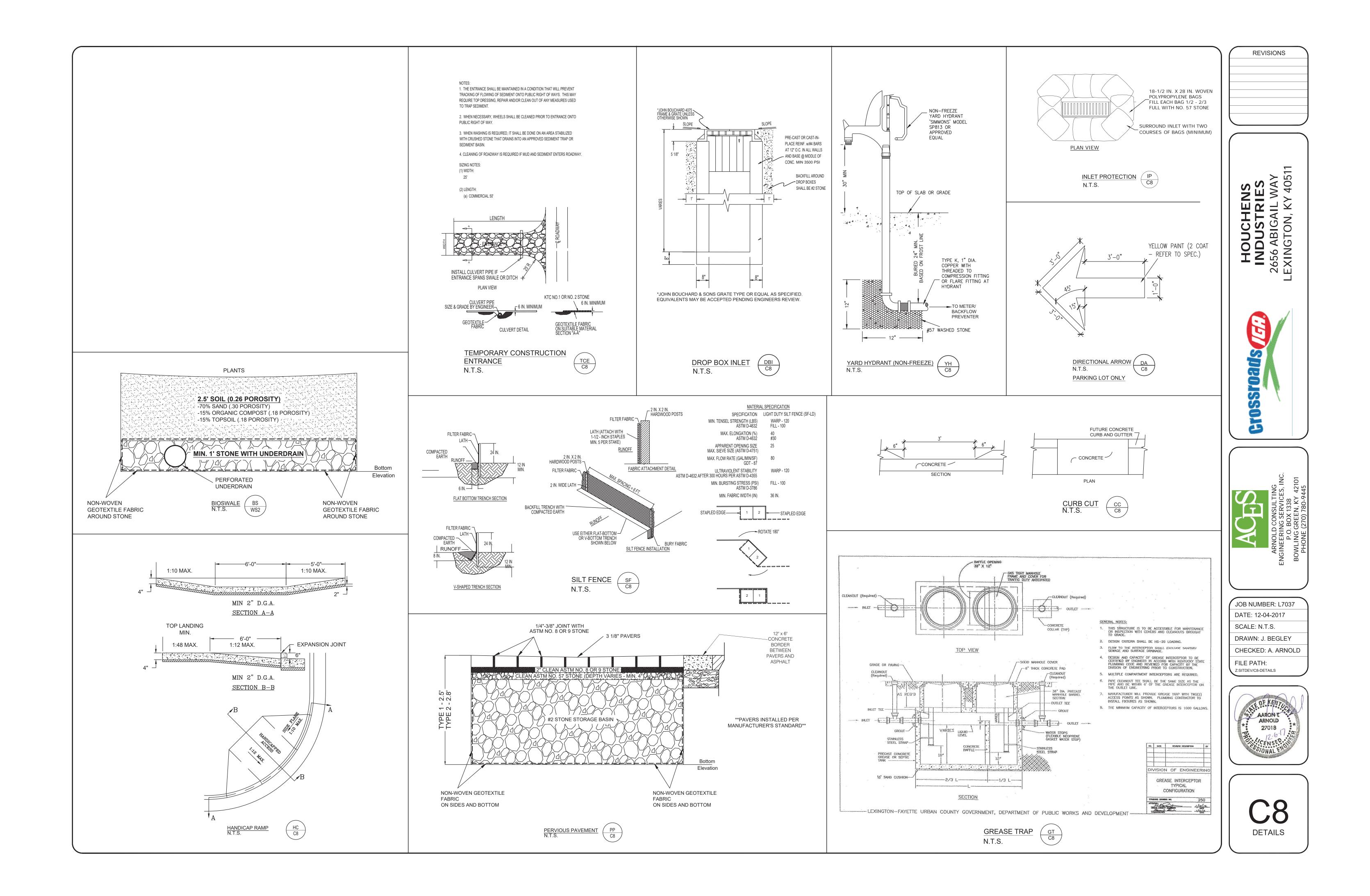


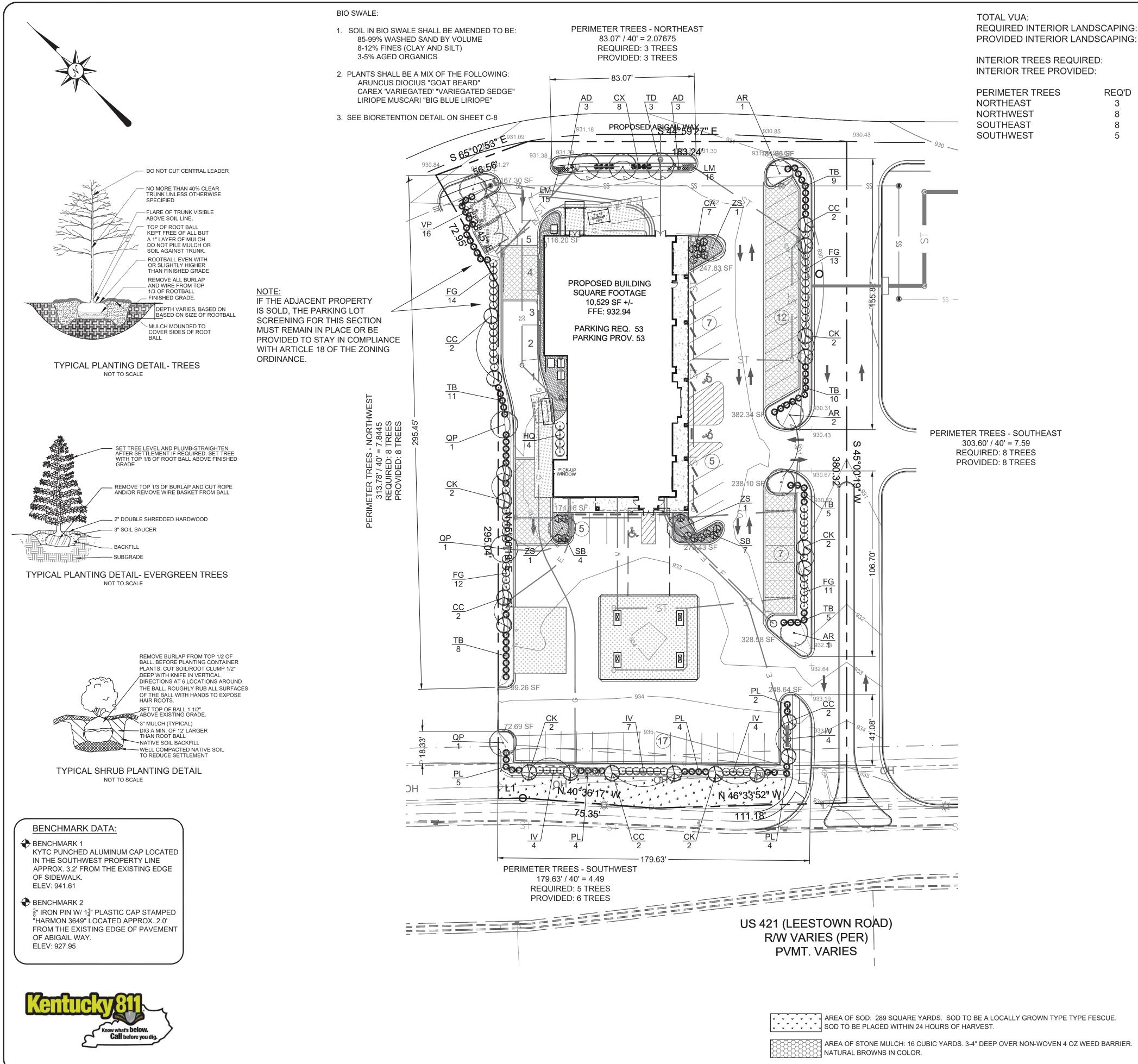




0'	30'	60'	90'
	GRAPHIC SC	CALE: 1" = 30'	







ER.

GROUND COVER

AD 6 ARUNCUS DIOCIUS

CX 8 CAREX 'VARIEGATED'

LM 31 LIRIOPE MUSCARI 'BIG BLUE'

GOAT BEARD

30'

SEDGE

LIRIOPE

30.6	657.6 ⁻	1 95	LANDSCAPE NOTES:					REVISIONS
		SF (5%)		SHALL CONFORM IN SIZ				10/19/2017 REVISED PER
		SF (6.4%)		SERY STOCK. PLANT M RUE TO NAME AND TYP				COMMENTS
8				THEIR SPECIES OR VA AND SIZES NOTED. RIG				
9			PLANTS CONSIDERED	AS UNSATISFACTORY.	REJECTE	D PLANT	S SHALL BE	
			HEADING-BACK PLANT	PLANTS SHOULD NOT S TO MEET SIZES INDIC				
	PR 3		WILL NOT BE PERMITT	ED.				
	8	3	2. PLANTS & TREES	LL STAKE THE LOCATIO				
	8		SHRUB IN ACCORDANC	CE WITH THE LOCATION	IS SHOWN	ON THE		
	C)		AND LAYOUT WORK SHA G OPERATION TO PERM				
			TO CHECK, REVISE IF I DIGGING OPERATIONS	DESIRED, AND APPROV	E THE LOO	CATIONS	BEFORE	
			B. EXCAVATE PLANTI	NG BEDS AND POCKETS	S TO A DEI	PTH REQ	UIRED	LS NAY 4051
				IER UNDERGROUND OB				
			REMOVED TO DEPTH N THESE SPECIFICATION	NECESSARY TO PERMIT I.	PLANTIN	G ACCOR	RDING TO	
				RACTOR SHALL THORC				
			THOROUGHLY SOAK A	LL TREE PITS BEFORE F	PLANTING	. CONTR	ACTOR SHALL	
				RANGEMENTS IN ADVAN QUATE SUPPLY OF WAT				ABI GT(
			ARE AVAILABLE WHEN	REQUIRED.				
			3. MULCHING					×IN XIN
			MINIMUM DEPTH OF 2"	OT BALL AND SAUCER AND TO A DEPTH NOT	TO EXCEE	D 3".	-	Ë 50
				OWERING TREES SHAL TLED) AND COVERING A	-			
			GREATER THAN THE D	,				
			4. PLANT MAINTENAN					
				ALL BEGIN IMMEDIATEL` CONTINUE FOR 90 DAYS				
			BEEN INSTALLED.	. BE KEPT IN A GROWING	G HEALTH			
			WATERING, PRUNING,	SHEARING, SPRAYING,	TIGHTENI	NG OF G	UYS,	5/
				ANTS WHICH LEAN OR	-)	-	-	
			NECESSARY OPERATION	ON OF MAINTENANCE. I SIRABLE GRASSES.	KEEP ALL	PLANTIN	G AREAS FREE	
				TENANCE PERIOD, PLAN DITION, SHALL BE REMO				
			IMMEDIATELY USING S			NEFLAC		
			5. ACCEPTANCE AND					OSSr0ad
				RED UNDER THIS CONT				
			ARCHITECT, SHALL BE	REMOVED AND REPLACE	CED IN NE	XT SPEC	IFIED PLANTING	0
			AS SPECIFIED AND RE	PLANTED IN SAME LOC/	ATION FRO	OM WHIC	H DEAD PLANT	
				HALL BE REPLACED AT AL SHALL HAVE A ONE `				
			REPLACEMENT.					
				NG PROCESS, NO PLAN IE PLAN MUST BE BID A			ITUTED FOR A	
				ONTRACTOR SHALL BE				ن
			AFTER ONE YEAR OF A	ACCEPTANCE OF THE P	LANTING			G 5 5
			STAKES OR GUY WIRE	S THAT MAY HAVE BEEI	N USED			SULTING ERVICES, II 1338 N, KY 4210 780-9445
				' BETWEEN THE PLANTI BROUGHT TO THE ATTE				ONSULT SERVIC DX 1338 EEN, KY
				QUANTITIES SHOWN ON				D CON NG SE NG SE GREE (270)
			9. THE OWNER RESER SHOWN IN THE AREA (RVES THE RIGHT TO AL ⁻ OF THE FOUNDATION.	TER THE F	PLANTING	G PLAN AS	ARNOLD P.O.1 BOWLING G PHONE ((
				MUST COMPLY WITH AR			FUCG ZONING	AR GIN PF
			ORDINANCE.					B S S
				HAT ARE SHOW IN GRO	,			
				EDDED HARDWOOD MU DEPTH. IN AREAS OF ST				
			(NEARLY INVISIBLE) PL BED.	ASTIC NETTING MAY BE	E USED TO) STABIL	IZE THE MULCH	JOB NUMBER: L7037
				NIALS: ANY DESIRED AN				DATE: 12-04-2017
			DETERMINED BETWEE	N THE PROPERTY OWN	ER AND T			SCALE: 1" = 30'
-			CONTRACTOR FOR DE	ESIRED COLOR PALETTI	Ξ.			DRAWN: K. CARDWELL
	_	HEDULE			_			CHECKED: B. SHIRLEY
KEY TRE	<i>QTY.</i> EES	<i>B</i>	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS	
AR	4	ACER RUBRUM 'F	-		1 3/4" CAL.	B&B	WELL BRANCHED	FILE PATH: z:sitdev/l1-landscape plan
CC CK	10 10	CERCIS CANADE	NSIS 'FOREST PANSY'	EASTERN REDBUD KOUSA DOGWOOD	5'-6' HT. 5'-6' HT.	B&B B&B	WELL BRANCHED WELL BRANCHED	
QP	3	QUERCUS PHELL		WILLOW OAK	1 3/4" CAL.	B&B	WELL BRANCHED	
TD ZS	3		CHUM 'SHAWNEE BRAVE'	COMMON BALDCYPRESS JAPANESE ZELKOVA	1 3/4" CAL. 1 3/4" CAL.	B&B B&B	WELL BRANCHED WELL BRANCHED	TATE OF T
SHF	RUBS			I				
CA FG	7 50		S ACUTIFLORA 'KARL FORESTER'	FEATHER REED GRASS	24" HT.	5 GALLON	CLUMP WELL BRANCHED	ANDRESSOR
HQ	4		ERCIFOLIA 'SNOW QUEEN'	OAKLEAF HYDRANGEA	24 HT. 24" HT.	CONT./B&B	WELL BRANCHED	PROSTERED
IV	19				24" HT.	CONT./B&B		ARCHITE
PL SB	19 11	PRUNUS LAUROC SPIRAEA X BUMA	CERASUS 'OTTO LUYKEN'	CHERRYLAUREL BUMALD SPIREA	24" HT. 24" HT.	CONT./B&B CONT./B&B	WELL BRANCHED WELL BRANCHED	
TB	48	TAXUS BACCATA		REPANDENS ENGLISH YEW	24" HT.	CONT./B&B		
VP	16	VIBURNUM X PRA	AGENSE	PRAGUE VIBURNUM	36" HT.	CONT./B&B	WELL BRANCHED	



3' O.C.

3' O.C.

12-14" O.C.

1 GAL.

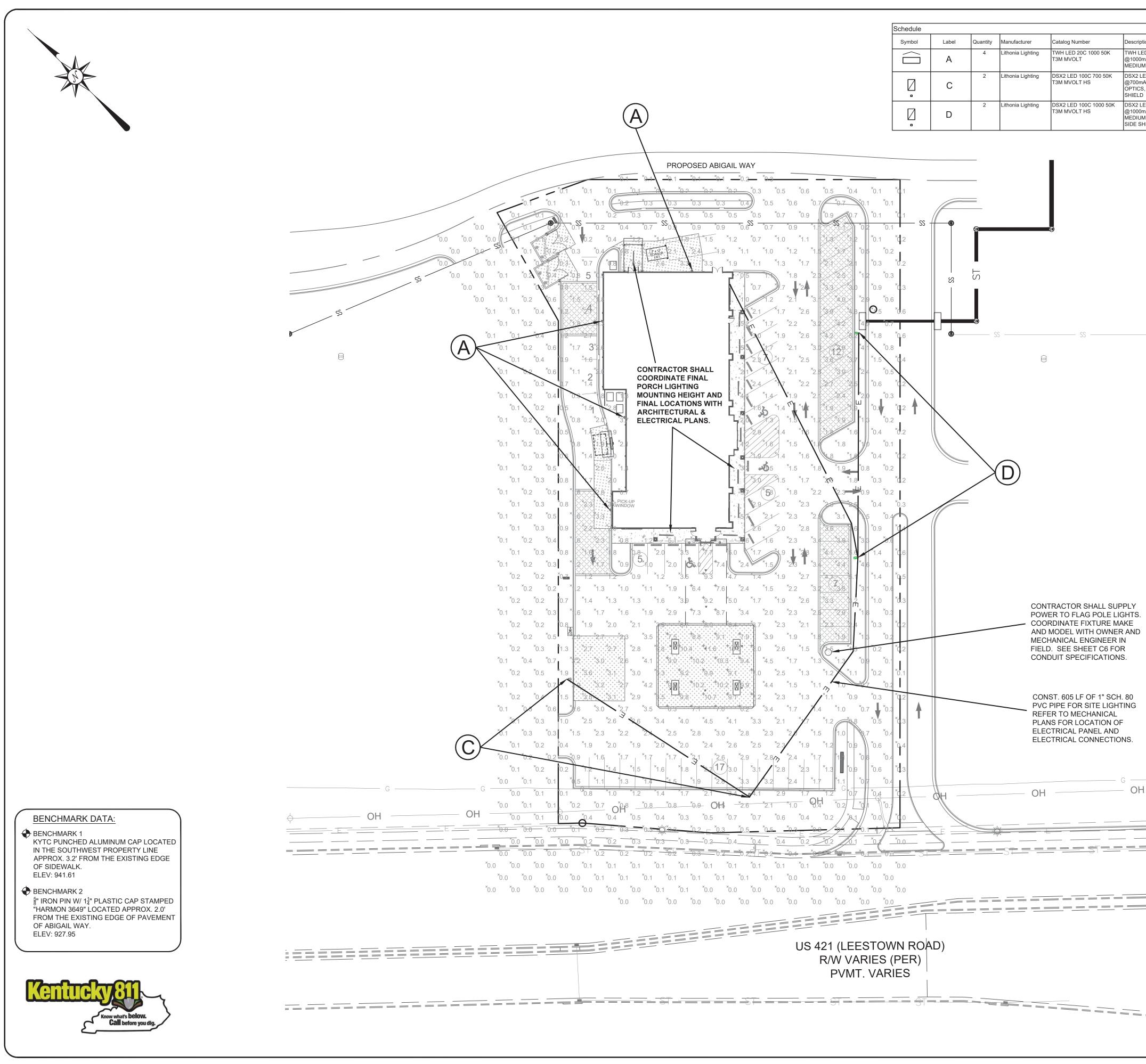
1 GAL.

1 QUART

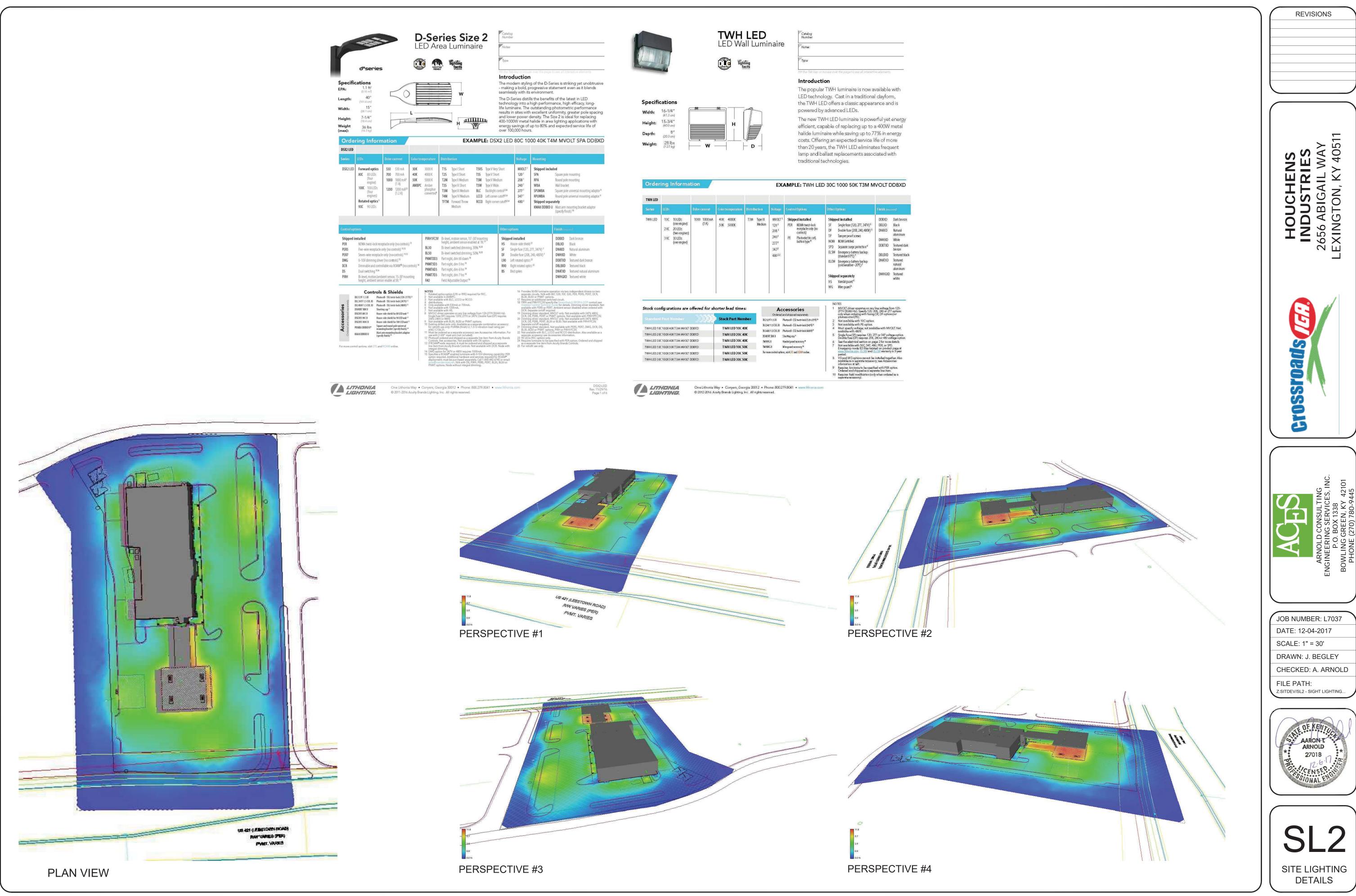
90'

60'

GRAPHIC SCALE: 1" = 30'

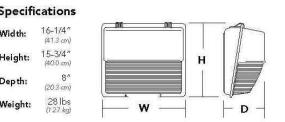


								REVISIONS
		Number	Filenews	Lumens Per	Light Lo	oss	lette e e	
	TWH LED WITH 20 LEDs, LED	Lamps	TWH_LED_20C_1	Lamp	Facto	or VV	-	
	MEDIUM OPTICS DSX2 LED WITH 100 LEDs LED	1	VOLT.ies DSX2_LED_100C	21417.66	0.72	2	232	
	OPTICS, WITH HOUSE SIDE SHIELD		MVOLT_HS.ies					
	@1000mA, 5000K, TYPE 3 MEDIUM OPTICS, WITH HOUSE	1	_1000_50K_T3M_	29443	0.72	2	360	
		Statistics						
			-				-	
		Houchens - Lees Rd	town +	1.6 fc 11.6 fc	0.0 fc	N/A	N/A	A S S S S S S S S S S S S S S S S S S S
				2.2 fc 6.8 fc	0.1 fc	68.0:1	22.0:1	
 The Second Second		Description	# Lumina	ires I otal VV				
 1. DEDURINGS SECTION ARE IN UNITS OF REAL WARF FOR CAMALES. A MUNITING HEIGHT: 25: 9. MOUNTING HEIGHT: 25:		Power Density 1	Zone # 20	2349.	2 VV 114	4951.1 II-	0.0 W/IL ²	
NR S. 100 100 100 100 100 100 100	1. READINGS2. LITHONIA, A) MOU C) MOU D) MOU3. ALL FIXTU 4. READINGS5. FIXTURE S 6. L.L.F. CALC 7. THE CONT GAUGE SIZ 8. IT SHALL E MECHANIC REQUIREM 9. CONTRAC TO ELECT 10. CONTRAC BUILDING 11. CONTRAC	& CREE LIGHTING FIXT INTING HEIGHT: 12' INTING HEIGHT: 25.5' INTING HEIGHT: 25.5 IRES TO BE AS SPECIFIE TAKEN AT GRADE SPACING AS SHOWN CULATED AT 0.72 TRACTOR SHALL VERIFY ZE IS ADEQUATE. BE THE CONTRACTORS CAL ENGINEER TO ENSU MENTS ARE MET AND NO TOR SHALL COORDINAT RICAL SERVICE PANEL. TOR SHALL VERIFY THA CODES AND LOADING F TOR SHALL PROVIDE PO MANUFACTURES RECC	URES USED IN ED OR EQUIVA Y TOTAL LINEA RESPONSIBILI JRE ELECTRIC OT EXCEEDED TE WITH MECH AT ALL ELECTF REQUIREMENT OLES FOR POL MMENDATION	I MODEL.	OWNER CONDU DRDINA ⁻ LOADIN ANS FO NECTIOI FIXTURI	JIT AND TE WITH G PR CON NS MEE	H NECTION ET LOCAL	2656 LEXIN
GRAPHIC SCALE: 1" = 30'	TING = NNS. G - OH	BASE PLATE AND ANCHOR BOLTS BY MANUFACTURER I' RIGID STEEL CONDUIT FOR POWER SUPPLY			AWG GROU OM GROUNI COPPERWEI 7 #4 SHEAR #4 LONG. BA 12" SPLICE I 12" SPLICE I	IND WIRE D LUG TO LD GROUNE R TIES @ 12" RS (12" LEN) ROD 0.C.	ARNOLD CONSULT SCALE: 1" = 30' DRAWN: J. BEGLEY CHECKED: J. ARNOLD FILE PATH: ZSITDEV/SL1-SITE LIGHTING PLAN











TWH LED								
	LEDs	Drive current	Color temperature	Distribution	Voltage	Control Options	Other Options	Finish (equived)
TWH LED	10C 10LEDs (one engine) 20C 20 LEDs (two engines) 3 0C 30 LEDs (one engine)	1000 1000 mA (1 <i>k</i>)	40K 4000K 50K 5000K	T3M Type III Medium	MV0LT ¹ 120 ¹ 208 ¹ 240 ¹ 277 ¹ 347 ² 480 ²³	Shipped installed PER NEWA twist-lock receptacle only (no controls) PE Photoelectric cell, button type ⁴	Shipped installed SF Single fuse (120, 277, 347V) 5 DF Double fuse (208, 240, 480V) 5 TP Tamper proof sciews NOM NOM Certified SPD Separate surge protection 4 ELSW Emergency battery backup (standard OPQ 7 ELCW Emergency battery backup (cold weather - 20PC) 7 Shipped separately VG Vandal guard 4 WG Wie guard 4	DDEXD Dark bron DBIXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured DDBTXD Textured DNATXD Textured DNATXD Textured natural aluminum DWHGXD Textured white
Standard TWH LED 10 TWH LED 20 TWH LED 30 TWH LED 10 TWH LED 20	If gurations are o Part Number C1000 40K T3M MVOLT I C1000 40K T3M MVOLT I C1000 50K T3M MVOLT I C1000 50K T3M MVOLT I	DDBXD DXBDC DXBDC DXBDC DXBDC DXBDC DXBDC DXBDC	Stock Part Num TWH LED 10C4 TWH LED 10C4 TWH LED 20C4 TWH LED 20C5 TWH LED 20C5 TWH LED 20C5	NDET DLL3 OK DLL4 OK DSHC OK TWH OK TWH OK Form	Ordered a 27F1.5JU 4 471.5CULJU 1 801.5CULJU 1 NT SBKU 1 WGU 1	cessories nd'shipped separately: Notocell-SSL twist-bok (120-2770) * Notocell-SSL twist-bok (4800) * Notocell-SSL twist-bok (480	NOTES 1 MVOLT driver operates on an 277V (50/60 Hz). Sparify 120, only when ordering with fusin photocontrol (PE). 2 Not available with PC option 3 Not available with PC option. 4 Must spacify voltage, not available with 490%. 5 Single fuse (SF) requires 120, Double fuse (DF) requires 120, Double fuse (DF) requires 208 6 See the electrical section on g 7 Not available with 30C 347, 4 Emergency mode IES files (sec www.intena.com, ELSW and period. 8 VG and WG options cannot b available with adortion at left. 9 Requires (with modification(of the 0 Requires (with modification(of the))	208, 240 of 277 options g(SF; DF options) or i bi- 10 277 or 347 voltage option. 240 or 480 voltage option. 240 or 480 voltage option age 2 for more details. 200 PER or 590 tade on product page at EUM warrant & S-warr antialled together. Also any; see Accessories field with PER option. antial line fiem.

