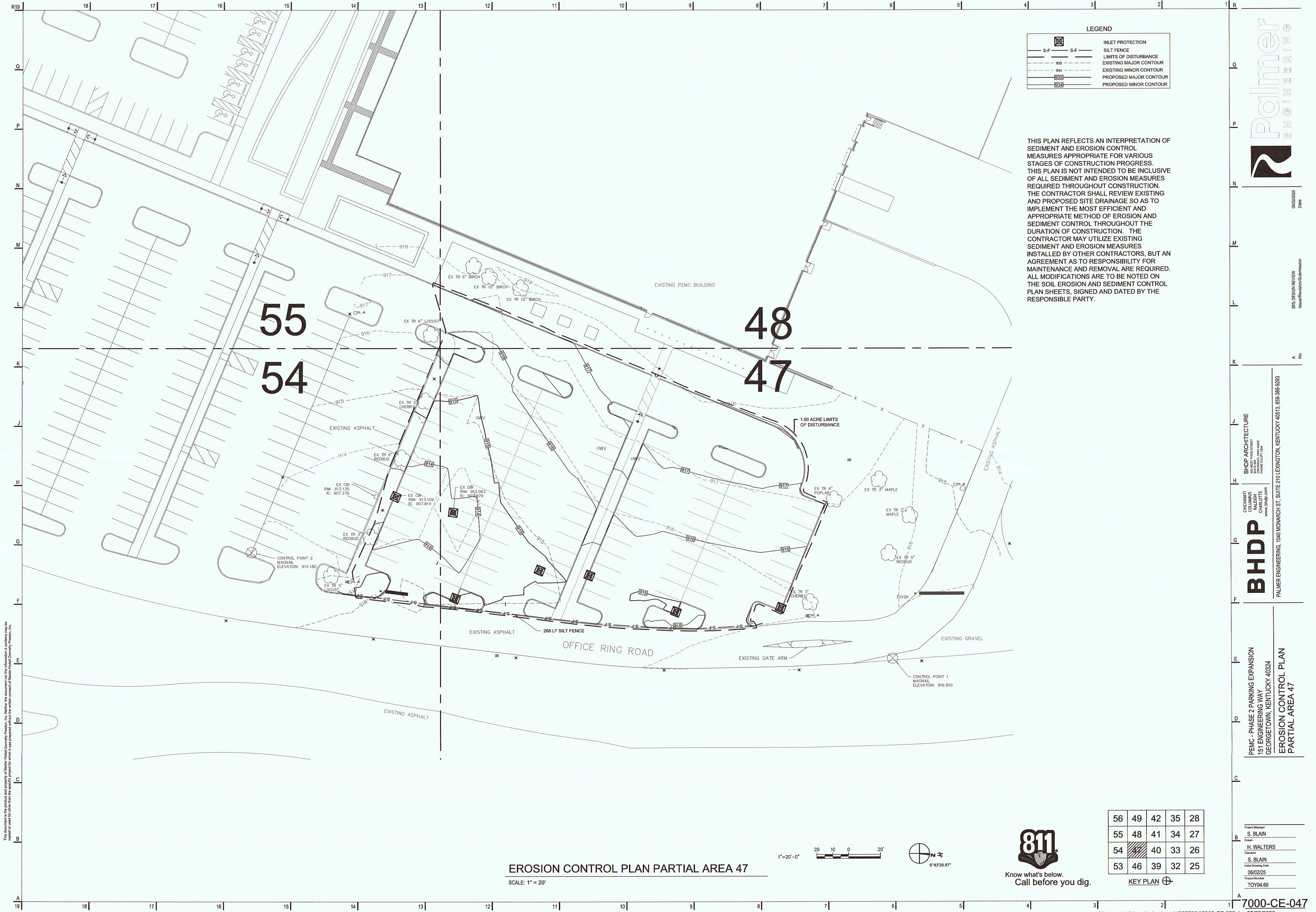


7000-CE-000





LEGEND	
	INLET PROTECTION
	SILT FENCE
	LIMITS OF DISTURBANCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR

THIS PLAN REFLECTS AN INTERPRETATION OF SEDIMENT AND EROSION CONTROL MEASURES APPROPRIATE FOR VARIOUS STAGES OF CONSTRUCTION PROGRESS. THIS PLAN IS NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT AND EROSION MEASURES REQUIRED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL REVIEW EXISTING AND PROPOSED SITE DRAINAGE SO AS TO IMPLEMENT THE MOST EFFICIENT AND APPROPRIATE METHOD OF EROSION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF CONSTRUCTION. THE CONTRACTOR MAY UTILIZE EXISTING SEDIMENT AND EROSION MEASURES INSTALLED BY OTHER CONTRACTORS, BUT AN AGREEMENT AS TO RESPONSIBILITY FOR MAINTENANCE AND REMOVAL ARE REQUIRED. ALL MODIFICATIONS ARE TO BE NOTED ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHEETS, SIGNED AND DATED BY THE RESPONSIBLE PARTY.

**Palmer**  
ENGINEERING

06/02/2025  
Date

001 DESIGN REVIEW  
Issue/Revision/Submission

A No.

**BHDP** ARCHITECTURE  
CINCINNATI  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324  
www.bhdp.com

**BHDP**  
PALMER ENGINEERING, 1040 MONARCH ST. SUITE 210 LEXINGTON, KENTUCKY 40513, 859-389-9293

PEMC - PHASE 2 PARKING EXPANSION  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324  
EROSION CONTROL PLAN  
PARTIAL AREA 47

Project Manager  
**S. BLAIN**  
Drawn  
**H. WALTERS**  
Checked  
**S. BLAIN**  
Initial Drawing Date  
06/02/25  
Project Number  
TOY04.60

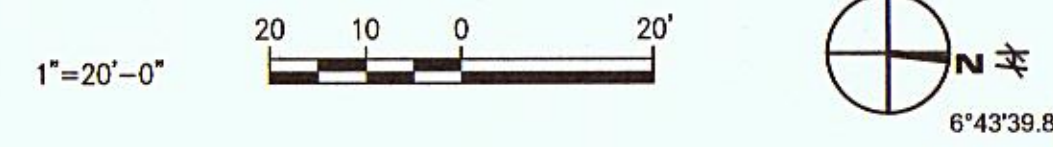
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55	48	41	34	27
54	47	40	33	26
53	46	39	32	25

KEY PLAN



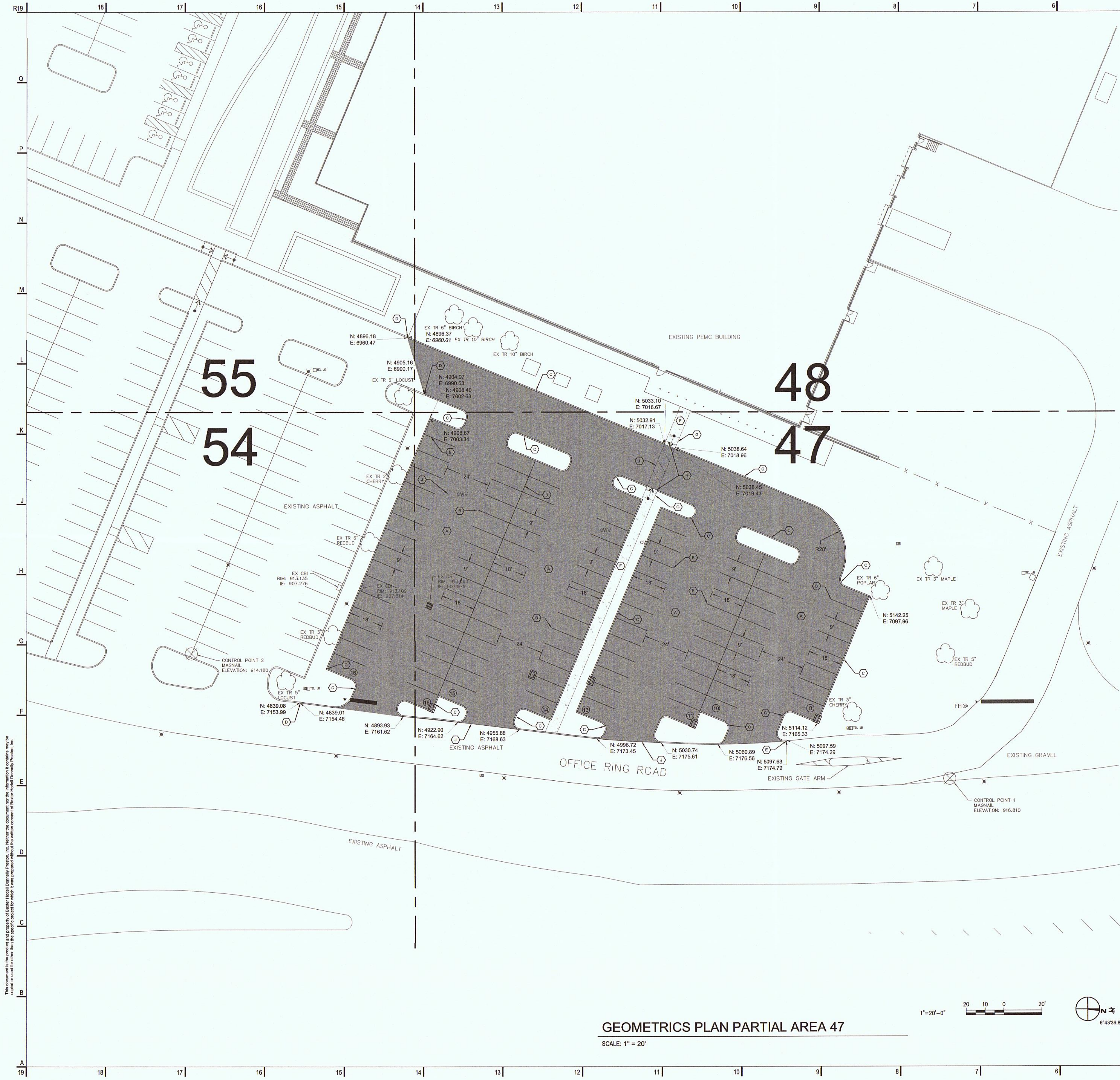
Know what's below.  
Call before you dig.

EROSION CONTROL PLAN PARTIAL AREA 47  
SCALE: 1" = 20'



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**LEGEND**

	PROPOSED STRIPING
	PROPOSED CURB
	PROPOSED ASPHALT
	PROPOSED STOP BAR
	PROPOSED STORM BOX
	EXISTING STRIPING
	EXISTING STRIPING

**KEYNOTE LEGEND**

A	INSTALL REGULAR DUTY ASPHALT
B	WHITE 4" PAINT PARKING STRIPING
C	INSTALL CONCRETE CURB AND GUTTER
D	TIE IN CURB TO EXISTING CURB
E	INSTALL 1' CURB TAPER
F	INSTALL CONCRETE SIDEWALK
G	INSTALL 6' CURB RAMP
H	INSTALL DETECTABLE WARNING
I	INSTALL HIGH VISIBILITY CROSS WALK STRIPING
J	EDGE KEY

- GENERAL NOTES:**
- ALL WORK AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS OF THE CITY OF GEORGETOWN AND TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE KENTUCKY TRANSPORTATION CABINET (KYTC) ISSUED IN 2019 AND IN COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL STANDARDS AND REGULATIONS, UNLESS NOTED OTHERWISE. ALL STANDARDS REFERRED TO IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF GEORGETOWN CONSTRUCTION STANDARDS, UNLESS OTHERWISE NOTED.
  - DETERMINING THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. AT ALL TIMES, FOLLOW ALL STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS. AVAILABLE EXISTING DRAWINGS HAVE BEEN ISSUED FOR CONTRACTOR REFERENCE.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, TYPE & MATERIAL, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. EXPOSE OR LOCATE ALL UTILITIES OR STRUCTURES WITHIN THE ALIGNMENT OF PROPOSED NEW CONSTRUCTION AT LEAST 1 WEEK PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION.
  - NOTIFY THE OWNER'S REPRESENTATIVE AND ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND DURING THE INVESTIGATION OF THE EXISTING UTILITIES AND TOPOGRAPHY AND/OR DURING THE CONSTRUCTION PHASE. NO SURVEY WAS COMPLETED FOR THIS PROJECT.
  - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES AS IDENTIFIED IN THE EROSION CONTROL PLANS PREPARED FOR THE PROJECT.
  - ALL DISTURBED AREAS NOT SPECIFIED IN THE CONSTRUCTION DRAWINGS SHALL RECEIVE PERMANENT SEEDING.
  - KEEP EXISTING STREETS, ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT. STREET AND FOOT TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. UTILIZE TRAFFIC CONTROL DEVICES AS NECESSARY PER KYTC SPECIFICATIONS. ANY DAMAGE TO THE CURB OR OTHER STRUCTURES SHALL BE REPAIRED PER TOYOTA CONSTRUCTION STANDARDS OR ORO DIRECTION.
  - OWNER'S FACILITY OPERATIONS SHALL BE MAINTAINED AT ALL TIMES. CONSTRUCTION SCHEDULE AND PEDESTRIAN ACCESS SHALL BE APPROVED BY OWNER. UTILITY INTERRUPTIONS SHALL BE SCHEDULED TO PREVENT CONFLICT. ANY REQUIRED UTILITY INTERRUPTIONS WILL BE APPROVED BY OWNER IN ADVANCE.
  - RESTRICT ACCESS TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.
  - DETERMINE METHODS OF DEWATERING AS NECESSARY TO FACILITATE PROPOSED CONSTRUCTION. PERFORM ADDITIONAL GEOTECHNICAL EXPLORATIONS AS NECESSARY FOR BIDDING AND CONSTRUCTION.
  - DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. EXCESS EXCAVATION AND DEMOLISHED MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR IN COMPLIANCE WITH ALL LOCAL, STATE, FEDERAL, AND TOYOTA STANDARDS.
  - TOPSOIL SHALL BE STRIPPED TO ITS ENTIRE DEPTH, AS ENCOUNTERED, FROM ALL AREAS TO RECEIVE NEW CONSTRUCTION.
  - THE CONTRACTOR SHALL ADHERE TO TOYOTA ENVIRONMENTAL POLICIES. SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY, OR POUR OUT ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT COMPOUNDS AND OTHER SUCH TOXIC OR HAZARDOUS WASTES. WASH OUT OF CONCRETE TRUCKS SHALL OCCUR IN A DIKE. DESIGNATED AREA WHERE THE WASTEWATER CAN BE COLLECTED AND DISPOSED OF PROPERLY WHEN IT HARDENS. STORAGE TANKS SHALL BE LOCATED IN DIKE AREAS AWAY FROM ANY DRAINAGE CHANNELS. THE DIKE AREA SHALL CONTAIN A VOLUME 110% OF THE LARGEST TANK.
  - PROVIDE STAKING CONTROL TO ENSURE BOTH HORIZONTAL AND VERTICAL ACCURACY OF THE PROJECT.
  - IF AREAS OF DEGRADED OR FAILING ASPHALT OR CONCRETE PAVEMENT ARE ENCOUNTERED BY CONTRACTOR IN AREAS FOR PAVEMENT TO REMAIN, CONTACT ORO AND ENGINEER FOR DIRECTION ON ASPHALT REPLACEMENT OR OVERLAY.
  - ALL PROPOSED LANDSCAPING IS SHOWN ON 7000-CE-547.

- SITE LAYOUT NOTES:**
- ALL DIMENSIONS AND COORDINATES ON SITE LAYOUT PLANS ARE TO EDGE OF PAVEMENT OR FACE OF GRADE WALL WHERE APPLICABLE.
  - ALL PAVEMENT STRIPING SHALL BE 4" WIDE WHITE STRIPING, UNLESS NOTED OTHERWISE.
  - PROVIDE AT LEAST 2 HORIZONTAL AND VERTICAL CONTROL POINTS WITHIN PROJECT AREA FOR LAYOUT AND ELEVATION CONTROL. CONTROL WAS NOT SET AS PART OF THE DESIGN CONTRACT.
  - LAYOUT FOR NEW CONSTRUCTION IS RELATIVE TO CONTROL POINTS AS IDENTIFIED BY PALMER ENGINEERING.
  - ALL CURB RADI ARE 4' UNLESS OTHERWISE NOTED.

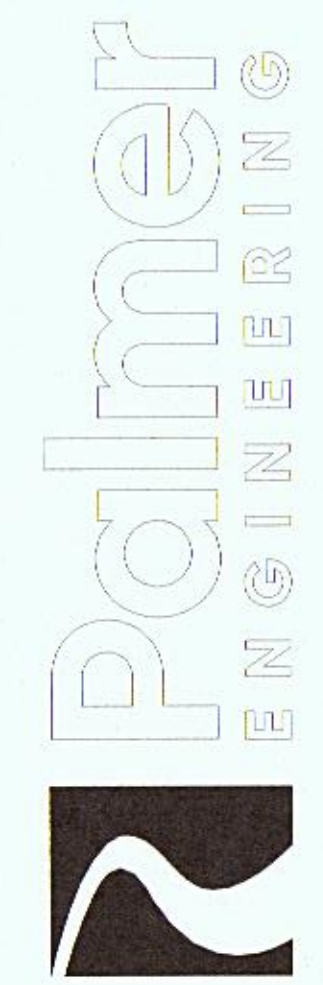
56	49	42	35	28
55	48	41	34	27
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KEY PLAN



Know what's below.  
Call before you dig.

**GEOMETRICS PLAN PARTIAL AREA 47**  
SCALE: 1" = 20'



06/02/2025  
Date

ISSUE FOR PERMIT  
Issue/Revision/Submission

A. No.

BHDP ARCHITECTURE  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324

**BHDP**  
PALMER ENGINEERING, 1040 MONARCH ST., SUITE 210 LEXINGTON, KENTUCKY 40513 858-389-9293

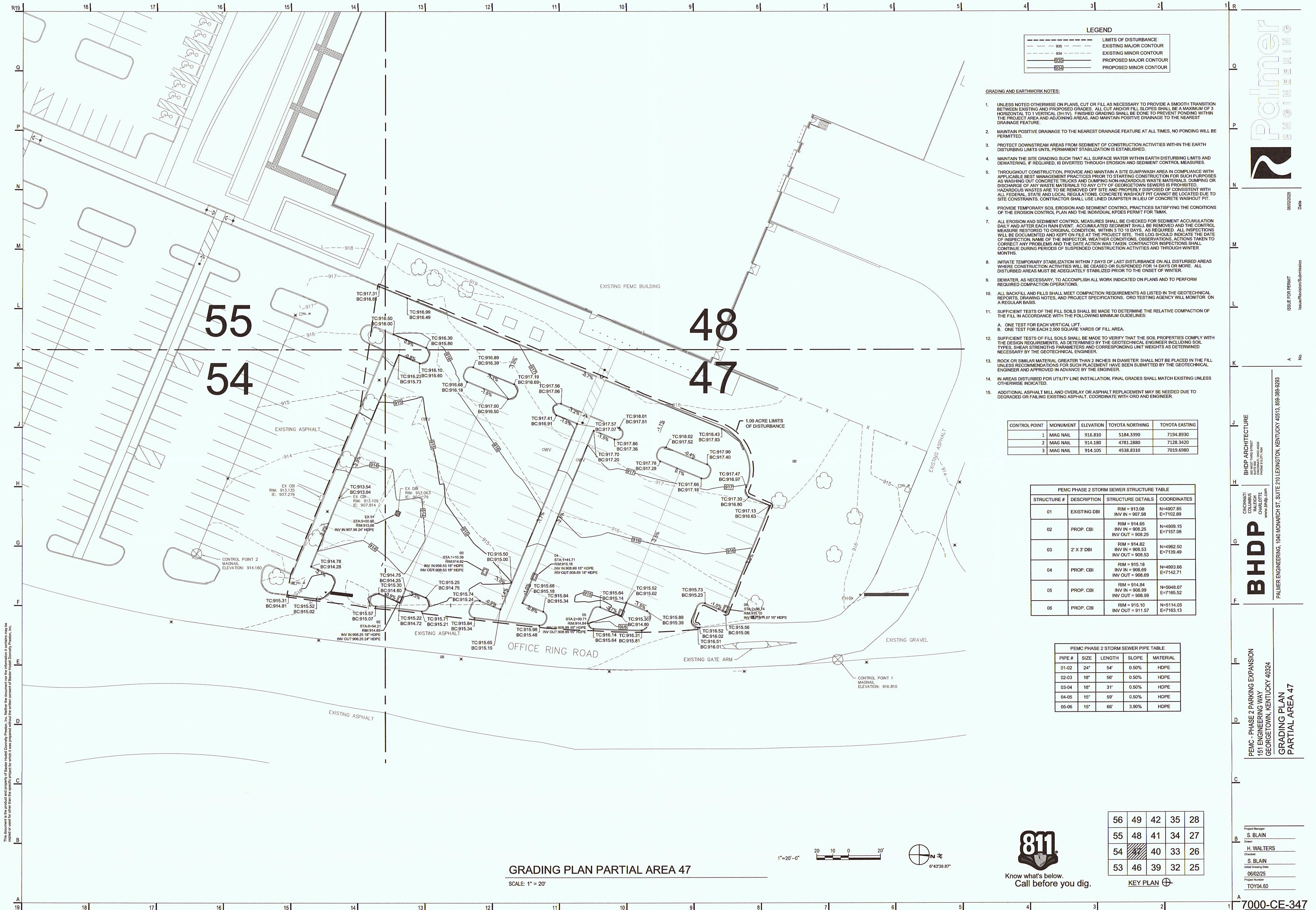
PEMC - PHASE 2 PARKING EXPANSION  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324

**GEOMETRICS PLAN  
PARTIAL AREA 55**

Project Manager  
**S. BLAIN**  
Drawn  
**H. WALTERS**  
Checked  
**S. BLAIN**  
Issue/Revision/Date  
**06/02/25**  
Project Number  
**TOY04.60**

**7000-CE-247**  
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LEGEND	
---	LIMITS OF DISTURBANCE
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR

- GRADING AND EARTHWORK NOTES:
- UNLESS NOTED OTHERWISE ON PLANS, CUT OR FILL AS NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED GRADES. ALL CUT AND/OR FILL SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL (3H:1V). FINISHED GRADING SHALL BE DONE TO PREVENT PONDING WITHIN THE PROJECT AREA AND ADJOINING AREAS, AND MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE.
  - MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE AT ALL TIMES. NO PONDING WILL BE PERMITTED.
  - PROTECT DOWNSTREAM AREAS FROM SEDIMENT OF CONSTRUCTION ACTIVITIES WITHIN THE EARTH DISTURBING LIMITS UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
  - MAINTAIN THE SITE GRADING SUCH THAT ALL SURFACE WATER WITHIN EARTH DISTURBING LIMITS AND DEWATERING, IF REQUIRED, IS DIVERTED THROUGH EROSION AND SEDIMENT CONTROL MEASURES.
  - THROUGHOUT CONSTRUCTION, PROVIDE AND MAINTAIN A SITE DUMP/WASH AREA IN COMPLIANCE WITH APPLICABLE BEST MANAGEMENT PRACTICES PRIOR TO STARTING CONSTRUCTION FOR SUCH PURPOSES AS WASHING OUT CONCRETE TRUCKS AND DUMPING NON-HAZARDOUS WASTE MATERIALS. DUMPING OR DISCHARGE OF ANY WASTE MATERIALS TO ANY CITY OF GEORGETOWN SEWERS IS PROHIBITED. HAZARDOUS WASTES ARE TO BE REMOVED OFF SITE AND PROPERLY DISPOSED OF CONSISTENT WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. CONCRETE WASHOUT PIT CANNOT BE LOCATED DUE TO SITE CONSTRAINTS. CONTRACTOR SHALL USE LINED DUMPS/STOCKPILE IN LIEU OF CONCRETE WASHOUT PIT.
  - PROVIDE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL PRACTICES SATISFYING THE CONDITIONS OF THE EROSION CONTROL PLAN AND THE INDIVIDUAL KPDES PERMIT FOR TMMK.
  - ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR SEDIMENT ACCUMULATION DAILY AND AFTER EACH RAIN EVENT. ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE CONTROL MEASURE RESTORED TO ORIGINAL CONDITION, WITHIN 3 TO 10 DAYS, AS REQUIRED. ALL INSPECTIONS WILL BE DOCUMENTED AND KEPT ON FILE AT THE PROJECT SITE. THIS LOG SHOULD INDICATE THE DATE OF INSPECTION, NAME OF THE INSPECTOR, WEATHER CONDITIONS, OBSERVATIONS, ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTION WAS TAKEN. CONTRACTOR INSPECTIONS SHALL CONTINUE DURING PERIODS OF SUSPENDED CONSTRUCTION ACTIVITIES AND THROUGH WINTER MONTHS.
  - INITIATE TEMPORARY STABILIZATION WITHIN 7 DAYS OF LAST DISTURBANCE ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES WILL BE CEASED OR SUSPENDED FOR 14 DAYS OR MORE. ALL DISTURBED AREAS MUST BE ADEQUATELY STABILIZED PRIOR TO THE ONSET OF WINTER.
  - DEWATER, AS NECESSARY, TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
  - ALL BACKFILL AND FILLS SHALL MEET COMPACTION REQUIREMENTS AS LISTED IN THE GEOTECHNICAL REPORTS, DRAWING NOTES, AND PROJECT SPECIFICATIONS. CRO TESTING AGENCY WILL MONITOR ON A REGULAR BASIS.
  - SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM GUIDELINES:  
A. ONE TEST FOR EACH VERTICAL LIFT.  
B. ONE TEST FOR EACH 2,500 SQUARE YARDS OF FILL AREA.
  - SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETERS AND CORRESPONDING UNIT WEIGHTS AS DETERMINED NECESSARY BY THE GEOTECHNICAL ENGINEER.
  - ROCK OR SIMILAR MATERIAL GREATER THAN 2 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE GEOTECHNICAL ENGINEER AND APPROVED IN ADVANCE BY THE ENGINEER.
  - IN AREAS DISTURBED FOR UTILITY LINE INSTALLATION, FINAL GRADES SHALL MATCH EXISTING UNLESS OTHERWISE INDICATED.
  - ADDITIONAL ASPHALT MILL AND OVERLAY OR ASPHALT REPLACEMENT MAY BE NEEDED DUE TO DEGRADED OR FAILING EXISTING ASPHALT. COORDINATE WITH CRO AND ENGINEER.

CONTROL POINT	MONUMENT	ELEVATION	TOYOTA NORTHING	TOYOTA EASTING
1	MAG NAIL	916.810	5184.3390	7194.8930
2	MAG NAIL	914.180	4781.2880	7128.3420
3	MAG NAIL	914.105	4538.8310	7019.6980

PEMC PHASE 2 STORM SEWER STRUCTURE TABLE			
STRUCTURE #	DESCRIPTION	STRUCTURE DETAILS	COORDINATES
01	EXISTING DBI	RIM = 913.08 INV IN = 907.98	N=4907.85 E=7102.89
02	PROP. CBI	RIM = 914.65 INV IN = 908.25 INV OUT = 908.25	N=4909.15 E=7157.08
03	2' X 3' DBI	RIM = 914.62 INV IN = 908.53 INV OUT = 908.53	N=4962.50 E=7139.49
04	PROP. CBI	RIM = 915.18 INV IN = 908.69 INV OUT = 908.69	N=4993.66 E=7142.71
05	PROP. CBI	RIM = 914.84 INV IN = 908.99 INV OUT = 908.99	N=5048.07 E=7165.52
06	PROP. CBI	RIM = 915.10 INV OUT = 911.57	N=5114.05 E=7163.13

PEMC PHASE 2 STORM SEWER PIPE TABLE				
PIPE #	SIZE	LENGTH	SLOPE	MATERIAL
01-02	24"	54'	0.50%	HDPE
02-03	18"	56'	0.50%	HDPE
03-04	18"	31'	0.50%	HDPE
04-05	15"	59'	0.50%	HDPE
05-06	15"	66'	3.90%	HDPE

56	49	42	35	28
55	48	41	34	27
54	40	33	26	
53	46	39	32	25



**Palmer**  
ENGINEERING

06/02/2025  
Date

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**BHDP ARCHITECTURE**  
CINCINNATI  
1100 WEST  
1100 STREET  
SUITE 100  
CHATELAIN  
KENTUCKY 40513  
PHONE 513.771.1544  
WWW.BHDP.COM

**BHDP**  
PALMER ENGINEERING, 1040 MONARCH ST., SUITE 210 LEXINGTON, KENTUCKY 40513, 859-385-9283

PEMC - PHASE 2 PARKING EXPANSION  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324

GRADING PLAN  
PARTIAL AREA 47

Project Manager  
**S. BLAIN**

Drawn  
**H. WALTERS**

Checked  
**S. BLAIN**

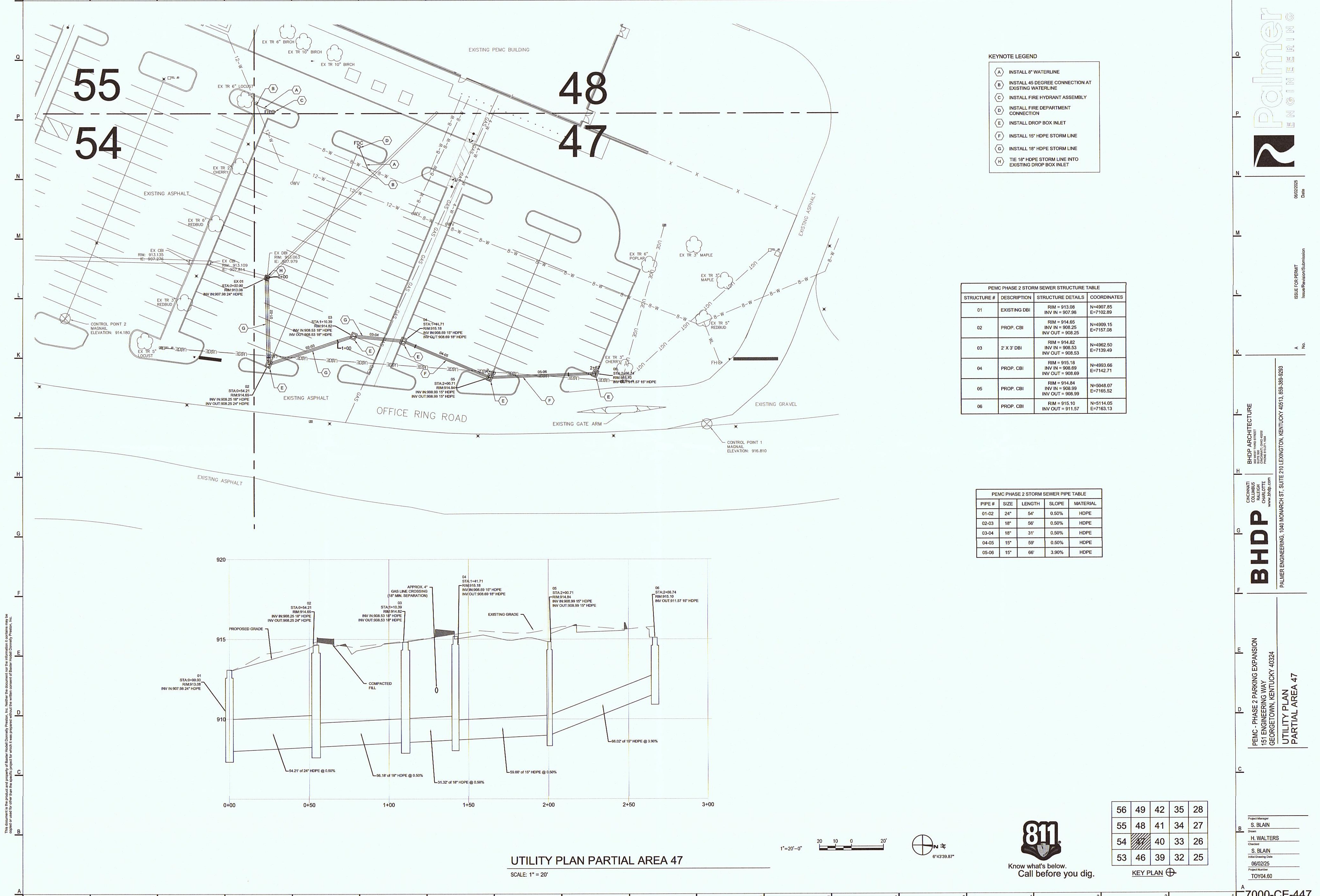
Initial Drawing Date  
**06/02/25**

Project Number  
**TOY04.60**

**7000-CE-347**

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KEYNOTE LEGEND

A	INSTALL 6" WATERLINE
B	INSTALL 45 DEGREE CONNECTION AT EXISTING WATERLINE
C	INSTALL FIRE HYDRANT ASSEMBLY
D	INSTALL FIRE DEPARTMENT CONNECTION
E	INSTALL DROP BOX INLET
F	INSTALL 15" HDPE STORM LINE
G	INSTALL 18" HDPE STORM LINE
H	TIE 18" HDPE STORM LINE INTO EXISTING DROP BOX INLET

PEMC PHASE 2 STORM SEWER STRUCTURE TABLE

STRUCTURE #	DESCRIPTION	STRUCTURE DETAILS	COORDINATES
01	EXISTING DBI	RIM = 913.08 INV IN = 907.98	N=4907.85 E=7102.89
02	PROP. CBI	RIM = 914.65 INV IN = 908.25 INV OUT = 908.25	N=4909.15 E=7157.08
03	2' X 3' DBI	RIM = 914.82 INV IN = 908.53 INV OUT = 908.53	N=4962.50 E=7139.49
04	PROP. CBI	RIM = 915.18 INV IN = 906.69 INV OUT = 908.69	N=4993.66 E=7142.71
05	PROP. CBI	RIM = 914.84 INV IN = 908.99 INV OUT = 908.99	N=5048.07 E=7165.52
06	PROP. CBI	RIM = 915.10 INV OUT = 911.57	N=5114.05 E=7163.13

PEMC PHASE 2 STORM SEWER PIPE TABLE

PIPE #	SIZE	LENGTH	SLOPE	MATERIAL
01-02	24"	54'	0.50%	HDPE
02-03	18"	56'	0.50%	HDPE
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04-05	15"	59'	0.50%	HDPE
05-06	15"	66'	3.90%	HDPE

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06/02/2025  
Data

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BHDP ARCHITECTURE  
1100 S. 10TH STREET  
SUITE 300  
CHARLOTTE  
NC 28203  
PHONE 704.339.8771  
WWW.BHDP.COM

BHDP  
PALMER ENGINEERING, 1040 MONARCH ST., SUITE 210 LEXINGTON, KENTUCKY 40513, 859-389-9293

PEMC - PHASE 2 PARKING EXPANSION  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324  
UTILITY PLAN  
PARTIAL AREA 47

Project Manager  
S. BLAIN  
Drawn  
H. WALTERS  
Checked  
S. BLAIN  
Initial Drawing Date  
06/02/25  
Project Number  
TOY04.60

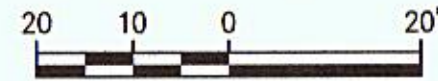
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KEY PLAN

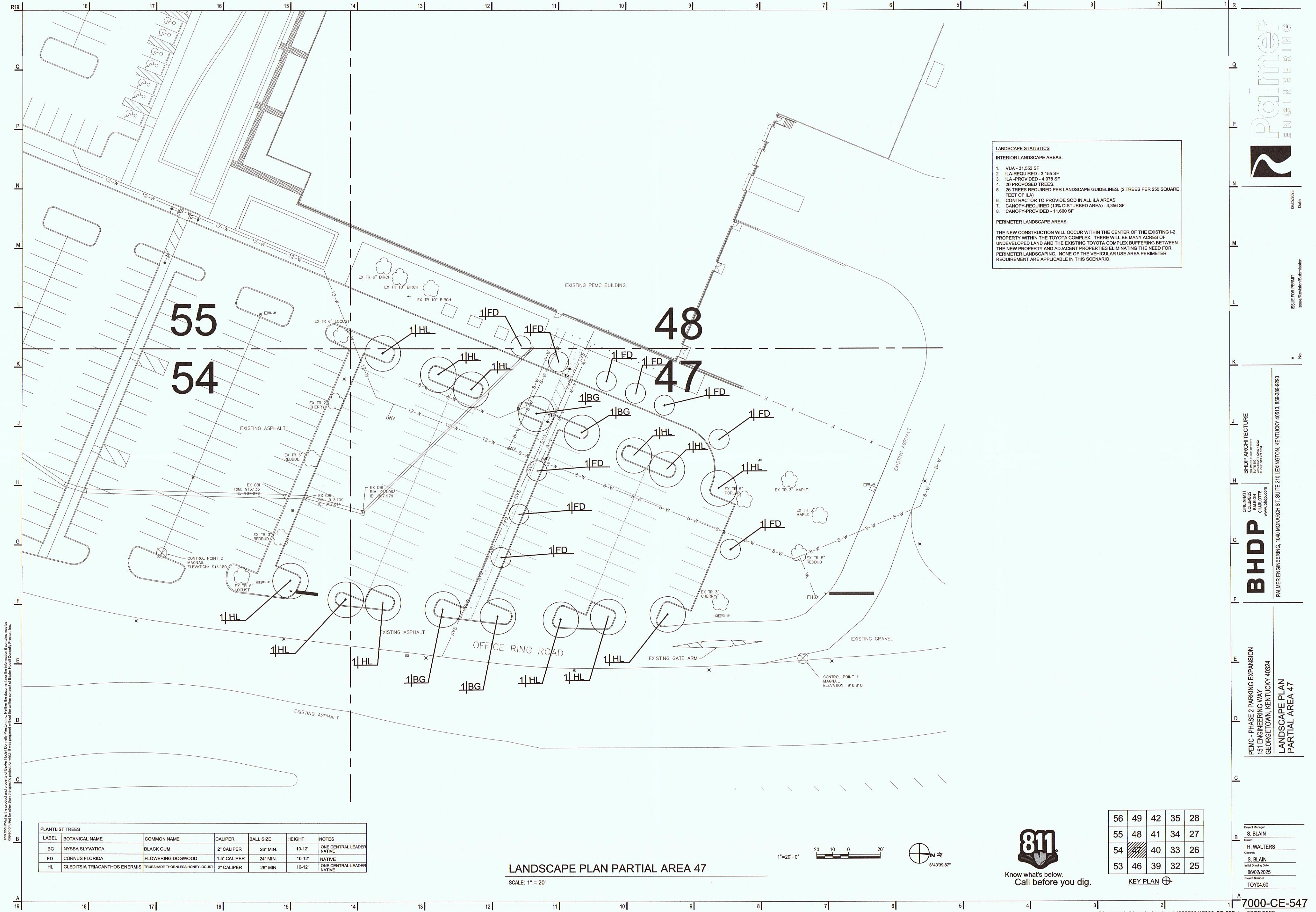


Know what's below.  
Call before you dig.



UTILITY PLAN PARTIAL AREA 47  
SCALE: 1" = 20'





**LANDSCAPE STATISTICS**  
INTERIOR LANDSCAPE AREAS:  
1. VUA - 31,553 SF  
2. ILA-REQUIRED - 3,155 SF  
3. ILA-PROVIDED - 4,078 SF  
4. 26 PROPOSED TREES  
5. 26 TREES REQUIRED PER LANDSCAPE GUIDELINES. (2 TREES PER 250 SQUARE FEET OF ILA)  
6. CONTRACTOR TO PROVIDE SOD IN ALL ILA AREAS  
7. CANOPY-REQUIRED (10% DISTURBED AREA) - 4,356 SF  
8. CANOPY-PROVIDED - 11,600 SF  
PERIMETER LANDSCAPE AREAS:  
THE NEW CONSTRUCTION WILL OCCUR WITHIN THE CENTER OF THE EXISTING I-2 PROPERTY WITHIN THE TOYOTA COMPLEX. THERE WILL BE MANY ACRES OF UNDEVELOPED LAND AND THE EXISTING TOYOTA COMPLEX BUFFERING BETWEEN THE NEW PROPERTY AND ADJACENT PROPERTIES ELIMINATING THE NEED FOR PERIMETER LANDSCAPING. NONE OF THE VEHICULAR USE AREA PERIMETER REQUIREMENT ARE APPLICABLE IN THIS SCENARIO.

PLANTLIST TREES						
LABEL	BOTANICAL NAME	COMMON NAME	CALIPER	BALL SIZE	HEIGHT	NOTES
BG	NYSSA SYLVATICA	BLACK GUM	2" CALIPER	26" MIN.	10-12'	ONE CENTRAL LEADER
FD	CORNUS FLORIDA	FLOWERING DOGWOOD	1.5" CALIPER	24" MIN.	10-12'	NATIVE
HL	GLEDITSIA TRIACANTHOS ENERMIS	TRUESHADE THORNLESS HONEYLOCUST	2" CALIPER	26" MIN.	10-12'	ONE CENTRAL LEADER

LANDSCAPE PLAN PARTIAL AREA 47  
SCALE: 1" = 20'



56	49	42	35	28
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KEY PLAN

PEMC - PHASE 2 PARKING EXPANSION  
151 ENGINEERING WAY  
GEORGETOWN, KENTUCKY 40324  
LANDSCAPE PLAN  
PARTIAL AREA 47

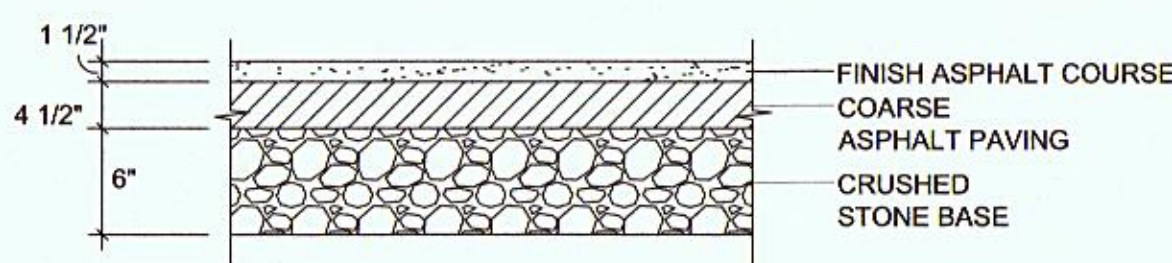
**BHDP**  
BHP ARCHITECTURE  
COUNTY COLUMBIA  
RALEIGH  
CHARLOTTE  
www.bhdp.com

PROJECT MANAGER  
S. BLAIN  
DESIGNER  
H. WALTERS  
CHECKED  
S. BLAIN  
INITIAL DRAWING DATE  
06/02/2025  
PROJECT NUMBER  
TOY04.60

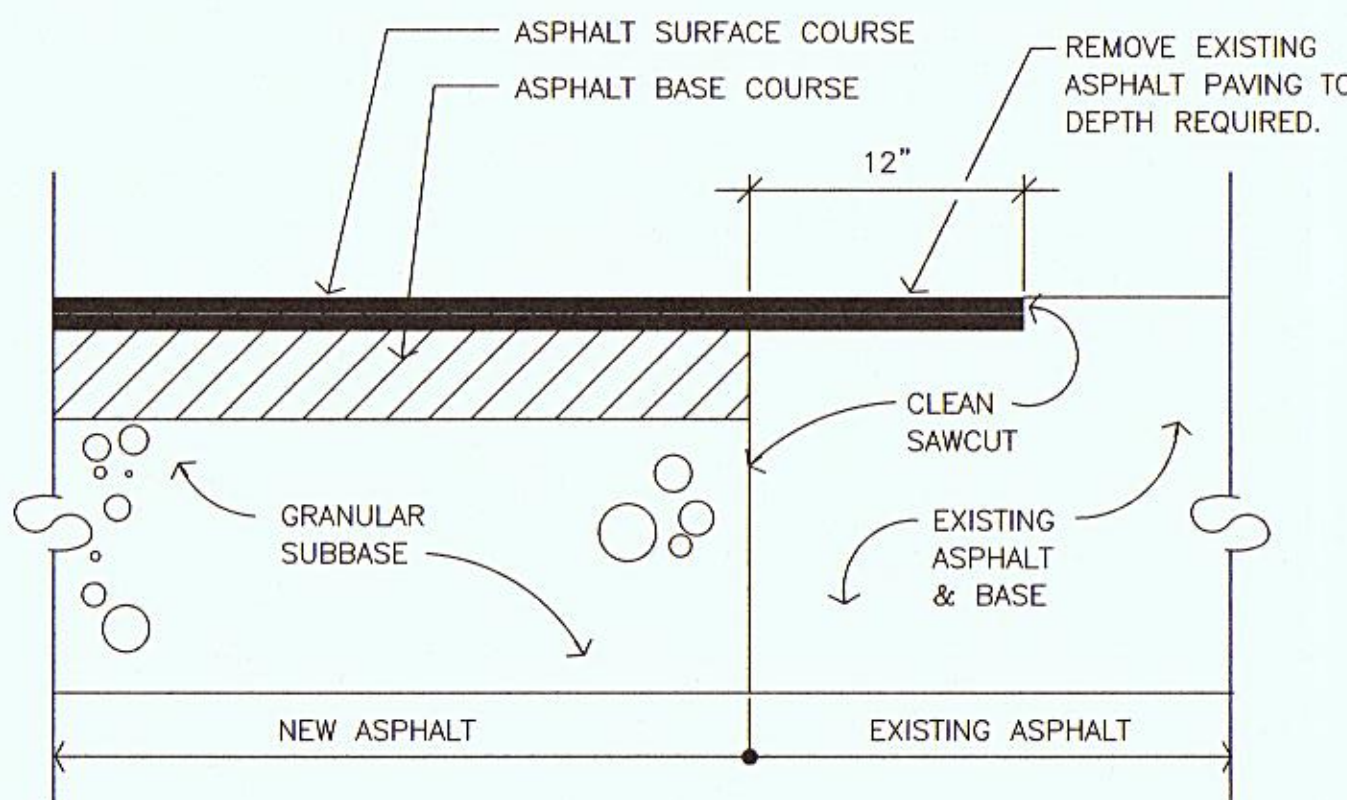
Palmer ENGINEERING  
16022025  
Date  
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Issue/Revision/Submission

7000-CE-547

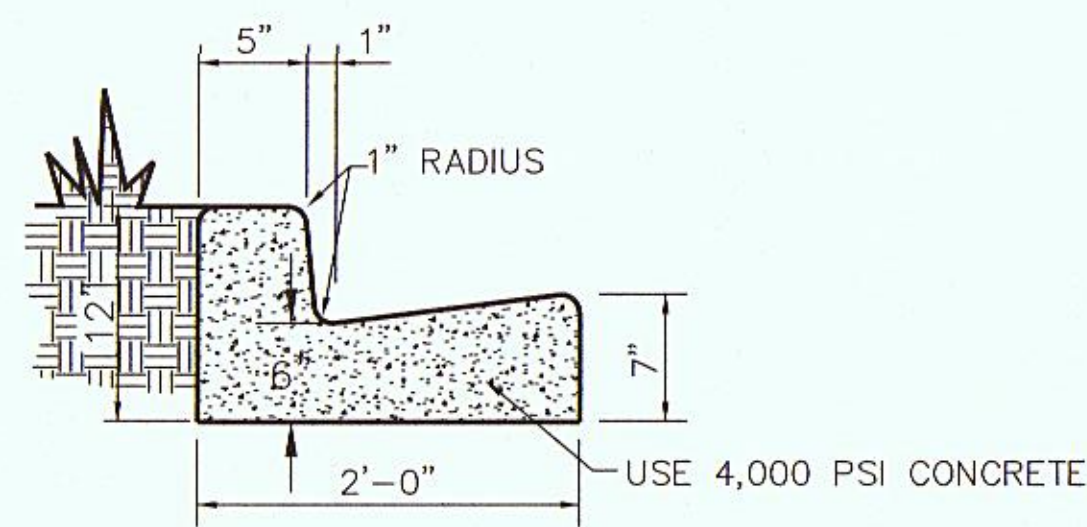




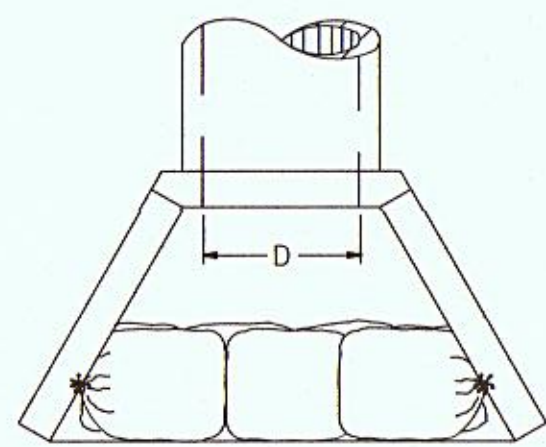
REGULAR DUTY ASPHALT PAVEMENT  
NOT TO SCALE



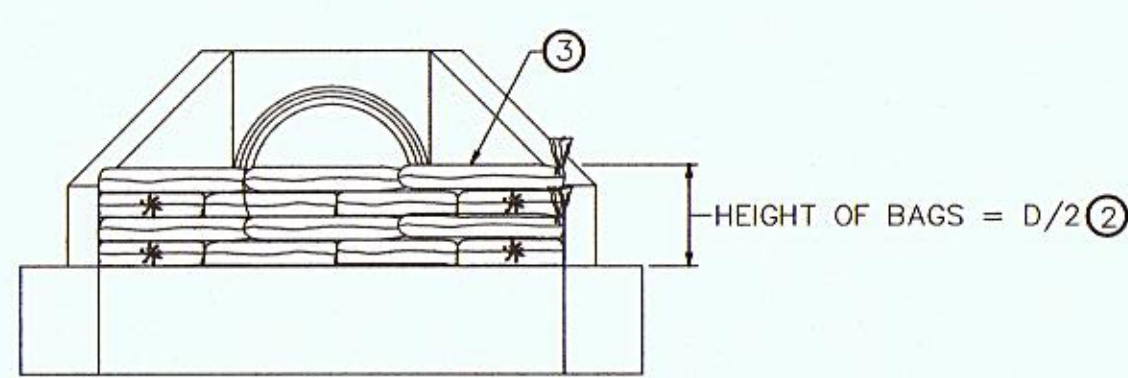
TYPICAL EDGE KEY DETAIL  
NOT TO SCALE



24" CONCRETE CURB AND GUTTER DETAIL  
NOT TO SCALE



PLAN VIEW



FRONT ELEVATION

- ~NOTES~
- SILT TRAP TYPE C SHALL INCLUDE GEOTEXTILE FABRIC BAGS, NO. 57 STONE, LABOR AND ALL INCIDENTALS NECESSARY FOR ONE COMPLETE INSTALLATION.
  - BID ITEM AND UNIT TO BID:
  - CODE PAY ITEM PAY UNIT
  - 2705 SILT TRAP TYPE C EACH
  - 2708 CLEAN SILT TRAP TYPE C EACH
  - INLET PROTECTION IS SUITABLE FOR USE IN BOTH PAVED AND UNPAVED AREAS.
  - THE HEIGHT REQUIREMENT IS WAIVED IN CASES WHERE IT WILL CREATE AN UNACCEPTABLE PONDING SITUATION ON THE PAVEMENT OR ON AN ADJACENT PROPERTY.
  - INTERWEAVE BAG ENDS TO FILL GAPS BETWEEN BAGS.
  - CONSTRUCT 18" X 30" BAGS OF NON-WOVEN TYPE II GEOTEXTILE FABRIC CONFORMING TO SECTION 843 OF THE STANDARD SPECIFICATIONS. DOUBLE STITCH BAG SEAMS WITH 1 LB. POLYESTER THREAD. ATTACH ONE (1) THE STRING TO EACH BAG. BAG OPENING SHALL BE ON 18" SIDE.
  - FILL BAGS WITH NO. 57 STONE BETWEEN 2 TO 3/4 FULL (50 LB TO 60 LB).
  - SILT TRAP TYPE C SHALL NOT BE USED IN BLUE LINE STREAMS.

SILT TRAP - TYPE III  
NOT TO SCALE

SEEDING SPECIFICATION

SEEDING CAN BE USED FOR TEMPORARY OR PERMANENT STABILIZATION. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATCHED. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED. PERMANENT SEEDED AREAS SHALL OCCUR UNDER A SEPARATE BID PACKAGE.

3:1 SLOPES OR FLATTER

APPLY AGRICULTURAL LIME AT A RATE OF 2 TONS PER ACRE. APPLY 10-10-10 COMMERCIAL ORGANIC FERTILIZER AT A RATE OF 1000 LBS. PER ACRE. APPLY SUPERPHOSPHATE AT A RATE OF 500 LBS. PER ACRE - 20% SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

TEMPORARY SEEDED

MARCH 1 TO OCT 31: (WEATHER PERMITTING)	TALL FESCUE WHEAT ANNUAL RYE PERENNIAL RYEGRASS OATS	40 LBS./ACRE 120 LBS./ACRE 120 LBS./ACRE 40 LBS./ACRE 120 LBS./ACRE
NOV 1 TO FEB 28: (WEATHER PERMITTING)	TALL FESCUE WHEAT ANNUAL RYE PERENNIAL RYEGRASS	120 LBS./ACRE 120 LBS./ACRE 120 LBS./ACRE 40 LBS./ACRE

MULCH SEEDED AREA WITH 2 TONS PER ACRE CLEAN GRASS STRAW. ANCHOR STRAW WITH HYDRAULIC WOOD FIBER MULCH AT THE RATE OF 1000 LBS. PER ACRE, OR 150-200 POUNDS OF ORGANIC MULCH TACKIFIER PER ACRE, OR USE NETTING, OR USE A MULCH ANCHORING TOOL.

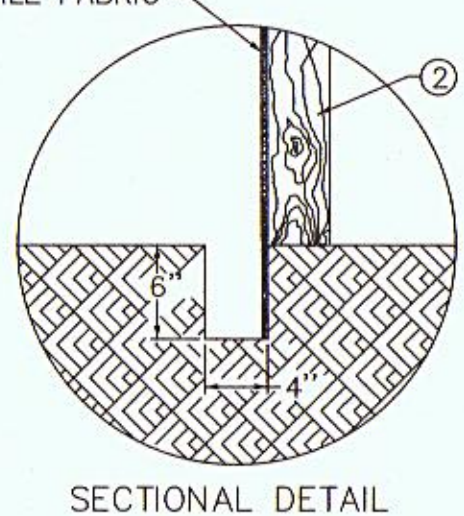
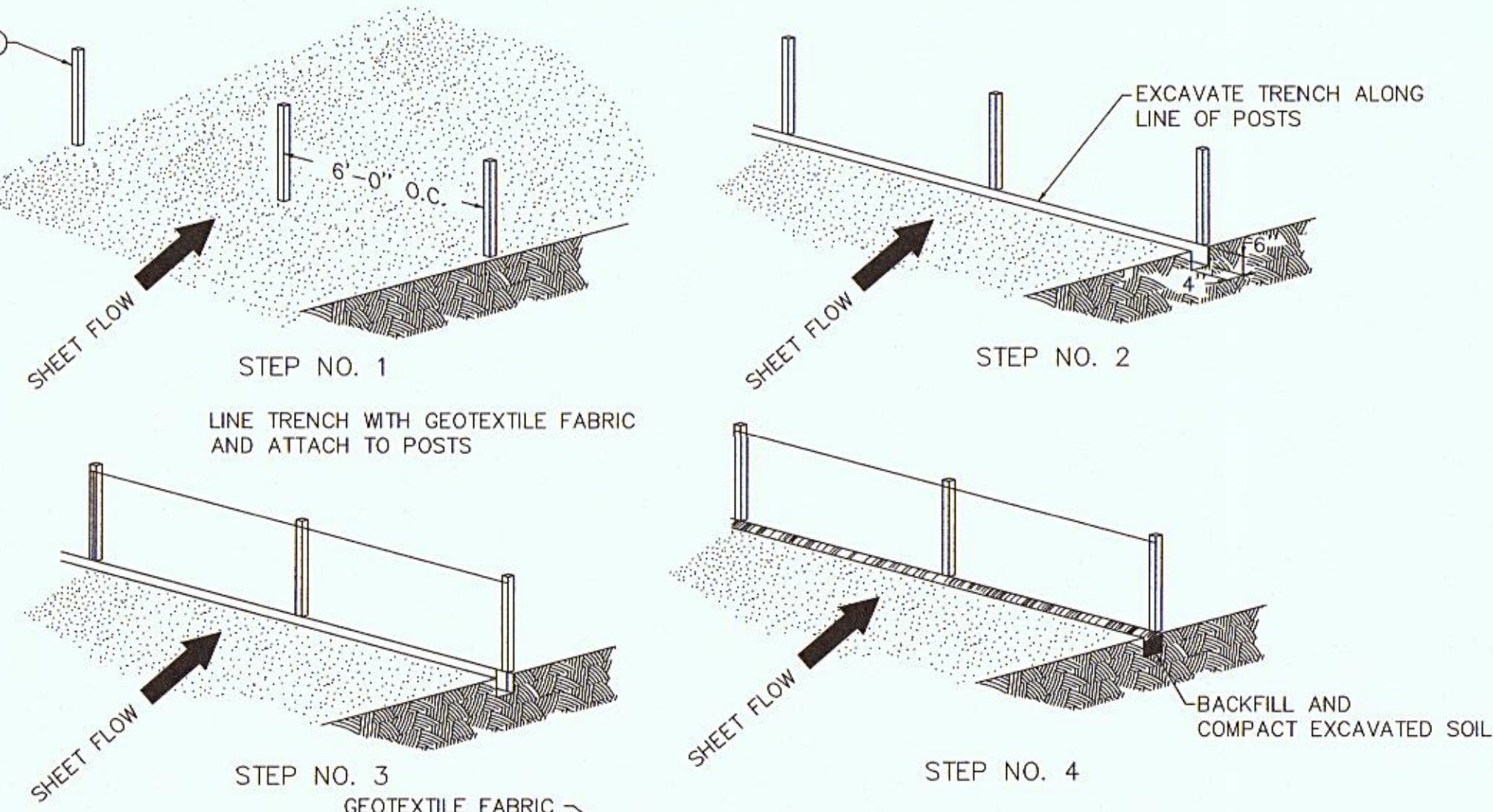
SEEDING SHALL BE ACCOMPLISHED IN TWO DIRECTIONS AND AT RIGHT ANGLES TO EACH OTHER, I.E. BROADCAST SEEDER IS USED. THE SEEDING RATE SHALL BE TWO (2) TIMES THE DRILL RATE. IN INACCESSIBLE AREAS, THE SEED SHALL BE LIGHTLY RANDED WITH FLEXIBLE RAKES AND ROLLED WITH A WATER BALAST ROLLER. AFTER ROLLING SEEDED AREAS ARE TO BE MULCHED ACCORDING TO SPECIFICATION. IF HYDROSEEDING OPERATION IS USED, SEEDING RATE SHALL BE FIVE (5) TIMES THE DRILL RATE INDICATED ON THE DRAWINGS.

IF SEEDING CAN NOT BE ACCOMPLISHED DUE TO SEASONAL CONSTRAINTS, APPLY STRAW MULCH AND TACKIFIER TO ALL SLOPES AND DISTURBED AREAS UNTIL SEEDING IS ALLOWED. IN THE EVENT SEEDING OCCURS OUT OF SEASON, MAINTENANCE SHALL OCCUR AND CONTINUE INTO THE FOLLOWING GROWING SEASON OR UNTIL A UNIFORM STAND OF THE SPECIFIED GRASSES HAVE BEEN ESTABLISHED AND THE SITE HAS REACHED 80% STABILIZATION. TEMPORARY SEEDED AREAS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.

INSPECTION  
INSPECT SEEDED AREAS FREQUENTLY. IF SEEDED AREAS FAIL TO GERMINATE, OR TO PROVIDE ADEQUATE GROUND COVERAGE, THE AREA SHALL BE RE-SEEDED UNTIL FINAL STABILIZATION IS ACHIEVED. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT MINIMUM EVERY SEVEN (7) CALENDAR DAYS OR EVERY 14 CALENDAR DAYS AND WITHIN 24-HOURS OF A RAINFALL EVENT OF GREATER THAN .5 INCHES OF RAIN DURING A 24-HOUR PERIOD THROUGHOUT CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED.

STORMWATER POND PLANTING  
SEE L.I.O. LANDSCAPE PLAN FOR PLANTINGS IN PROPOSED STORMWATER MANAGEMENT POND.

SEEDING SPECIFICATIONS  
NOT TO SCALE

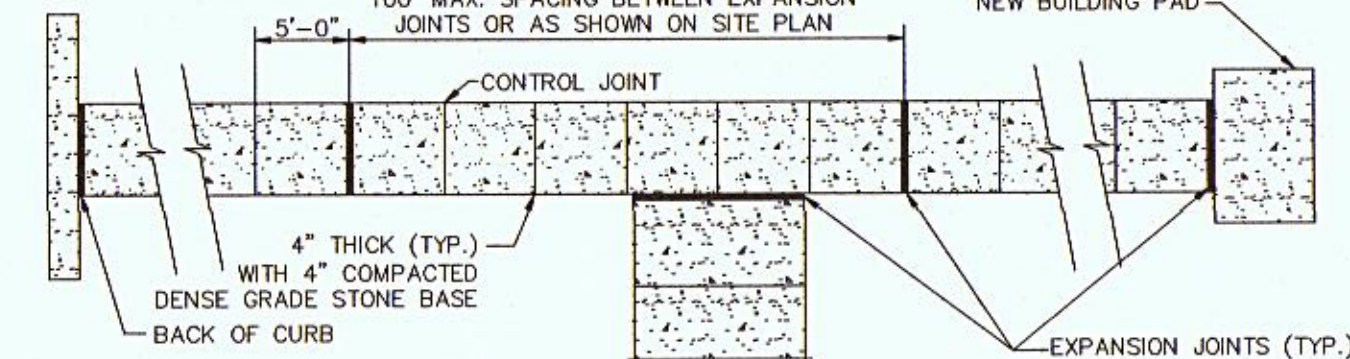


SILT FENCE  
NOT TO SCALE

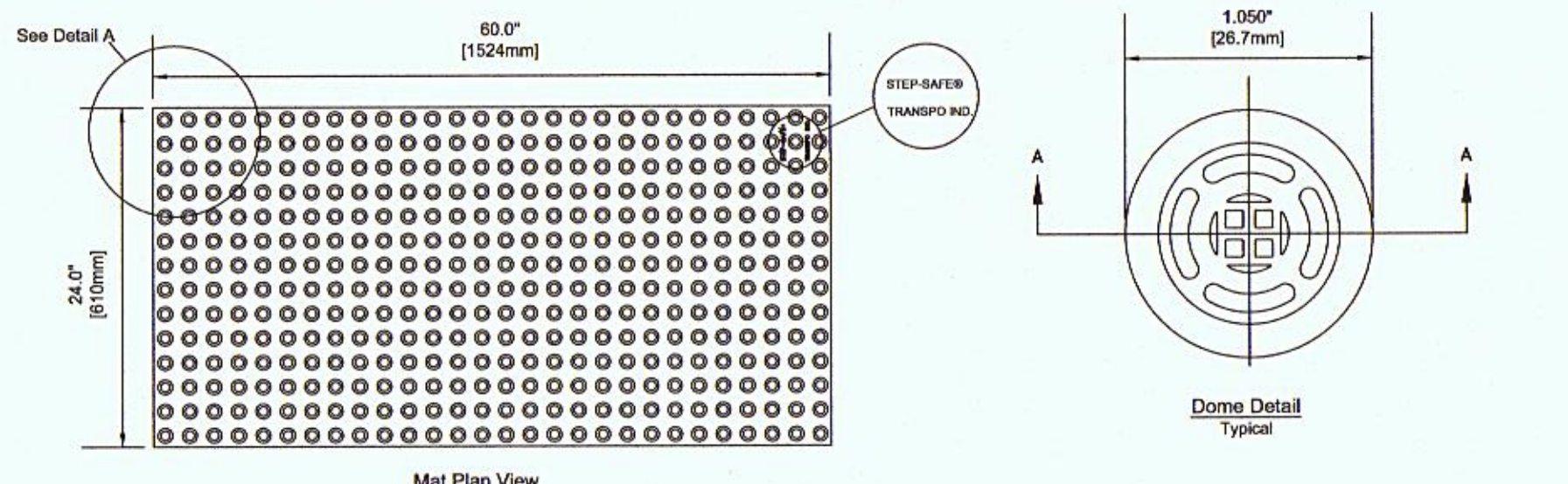
- NOTES
- SEE STANDARD SPECIFICATIONS FOR POST SIZE, GEOTEXTILE FABRIC, WIRE STAPLES AND ALL OTHER PERTINENT INFORMATION.
  - POSTS MAY BE WOODEN OR METAL T-SECTION.
  - POSTS SHALL BE SET 1'-4" DEEP.

DETAILS

SCALE: N/A



CONCRETE SIDEWALK  
NOT TO SCALE



DETECTABLE WARNING  
NOT TO SCALE