# **BENCHMARKS**

SOURCE BENCHMARK:

BRASS TABLET SET IN CONCRETE AND STAMPED "97-048" LOCATED ON SOUTH OLD 3C HIGHWAY, 25' EAST OF THE EDGE OF PAVEMENT ON STATE ROUTE 3.

ELEVATION = 925.7' (NAVD 88)

SITE BENCHMARKS

FLANGE BOLT OF EXISTING HYDRANT ON THE NORTH SIDE OF CHANDLER COURT LOCATED 98'± WEST OF EAST LOT LINE.

ELEVATION = 922.67' (NAVD 88)

FLANGE BOLT OF EXISTING HYDRANT ON THE NORTH SIDE OF CHANDLER COURT LOCATED 98'± WEST OF EAST LOT LINE.

ELEVATION = 922.86' (NAVD 88)

### STANDARD DRAWINGS

THE DELAWARE COUNTY STANDARD DRAWINGS LISTED ON THIS PLAN SHALL BE CONSIDERED A PART THEREOF:

ROADWAY STORM SEWER

DCED-R100 DCED-S133A DCED-R1441A, B, & C DCED-S133C

DCED-R2203A DCED-S139 DCED-R2300 DCED-S145

THESE PLANS.

UTILITY

# SITE DATA TABLE

TOTAL SITE AREA PROJECT AREA TOTAL DISTURBED AREA PRE-DEVELOPED IMPERVIOUS AREA PRE-DEVELOPED RUN-OFF CURVE NUMBER POST-DEVELOPED IMPERVIOUS AREA POST-DEVELOPED RUN-OFF CURVE NUMBER Δ IMPERVIOUS AREA RECEIVING STREAM

> **TELEPHONE** OWNER

WATER MAINS DELCO WATER COMPANY

6773 OLENTANGY RIVER ROAD

COLUMBUS, OHIO 43215

DELAWARE, OHIO 43015 STORM SEWERS DELAWARE COUNTY

> **50 CHANNING STREET** DELAWARE, OHIO 43015

DELAWARE COUNTY SANITARY ENGINEER **50 CHANNING STREET** 

DELAWARE, OHIO 43015

GAS COMPANY COLUMBIA GAS OF OHIO

101 WEST TOWN STREET COLUMBUS, OHIO 43215

ELECTRIC COMPANY AMERICAN ELECTRIC POWER 850 TECH CENTER DRIVE

COLUMBUS, OHIO 43230

**TELEPHONE COMPANY** 150 EAST GAY STREET

DCED-S149 DCED-S150

740-548-7746

740-833-2400

614-460-2169

614-883-6829

800-660-3000

ALL DELCO WATER COMPANY STANDARD DRAWINGS SHALL BE CONSIDERED A PART OF

46,914 SF (1.077 AC) 38,463 SF (0.883 AC) 38,463 SF (0.883 AC) 0 SF (0.000 AC) 20,865 SF (0.479 AC)

DELAWARE COUNTY MS4 TO UNNAMED TRIBUTARY OF BIG WALNUT CREEK

# prepared by Kramer Engineers

**GENOA TOWNSHIP** 

DELAWARE COUNTY, OHIO

A NEW DEVELOPMENT

JUNE 19, 2019

BRIGHT PATH DAYCARE

5940 CHANDLER COURT

WESTERVILLE, OHIO

prepared for

CIVIL/MECHANICAL/ELECTRICAL ENGINEERING 394 OAK STREET COLUMBUS, OHIO 43215 PH 614.233.6911 FAX 614.233.6914

CHANGE ORDERS						
DATE APPROVED	APPROVED BY	PREPARED BY	CHANGED	DATE PREPARED	DESCRIPTION	SHEET NUMBER

THE DELAWARE COUNTY ENGINEER'S ENGINEERING, CONSTRUCTION AND SURVEYING STANDARDS, THE CURRENT STANDARD SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ENGLISH UNITS), INCLUDING STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS LISTED SHALL GOVERN THIS IMPROVEMENT.

THIS IS TO CERTIFY THAT GOOD ENGINEERING PRACTICES HAVE BEEN UTILIZED IN THE DESIGN OF THIS PROJECT AND ALL MINIMUM STANDARDS THAT ARE DELINEATED IN THE DELAWARE COUNTY ENGINEERING AND SURVEYING STANDARDS FOR COMMERCIAL DEVELOPMENT HAVE BEEN MET, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN MY OPINION, THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC. ANY VARIANCES TO THE ABOVE STANDARDS ARE CONSISTENT WITH SOUND ENGINEERING PRACTICE AND ARE NOT DETRIMENTAL TO THE PUBLIC SAFETY OR CONVENIENCE. THESE VARIANCES HAVE BEEN LISTED HEREIN AND HAVE BEEN APPROVED BY THE DELAWARE COUNTY ENGINEER.

Sl	JBMI	TTEC	BY:

	JANUARY 25, 2019	
RALPH J. KRAMER, III OHIO	DATE	
ENGINEER NO. E-043197		

THE DELAWARE COUNTY SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

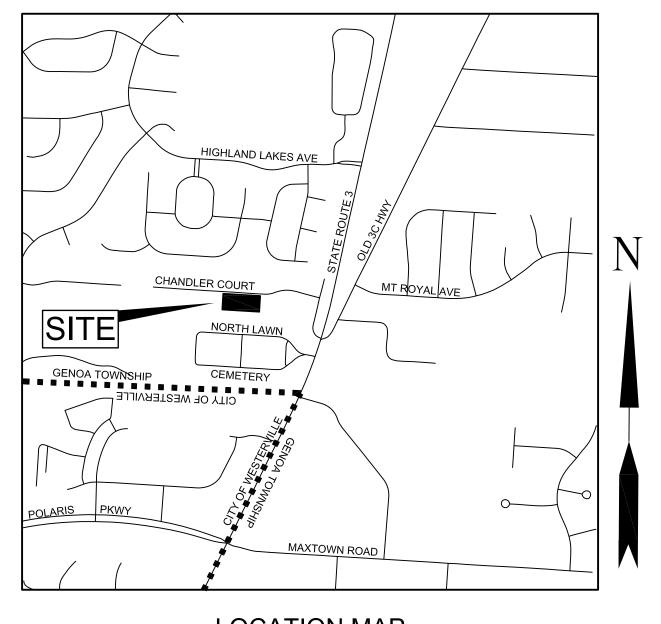
DELAWARE COUNTY ENGINEER	DATE	

DATE

GENERAL MANAGER, DELCO WATER COMPANY

# INDEX OF SHEETS

TITLE SHEET	
GENERAL NOTES AND DETAILS	C1
EXISTING CONDITIONS (SURVEY)	C2
STAKING AND PAVING	
UTILITY PLAN	C4
GRADING AND DRAINAGE PLAN	C5



**LOCATION MAP** 

## GENERAL NOTES

- 1. THE DELAWARE COUNTY DESIGN, CONSTRUCTION AND SURVEYING STANDARDS MANUAL EFFECTIVE DATE OF JANUARY 30, 2008 TOGETHER WITH THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION'S CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS) INCLUDING ALL SUPPLEMENTS THERETO IN FORCE ON JANUARY 1, 2016, SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THESE PLANS UNLESS OTHERWISE NOTED. ADDITIONALLY, DELAWARE COUNTY STANDARD DRAWINGS (DCED) AND DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS (ODOT) LISTED ON THESE PLANS SHALL BE CONSIDERED A PART THEREOF. FINALLY, ALL WORK SHALL ALSO COMPLY WITH THE REQUIREMENTS OF THE DELAWARE COUNTY GENERAL HEALTH DISTRICT AND THE OHIO EPA.
- 2. THE CONTRACTOR AND/OR SUB-CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY ALL HORIZONTAL AND VERTICAL ALIGNMENTS.
  COMMENCEMENT OF THE WORK SHALL BE INDICATION OF THE CONTRACTOR'S ACCEPTANCE OF EXISTING CONDITIONS.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECTS ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND FACILITIES OR LINES.
- 5. SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY EXISTING UTILITIES OR APPURTENANCES DAMAGED BY THIS CONTRACTOR SHALL BE REPAIRED BY THIS CONTRACTOR IMMEDIATELY AND AT THIS CONTRACTOR'S SOLE EXPENSE. ANY REPAIRS NOT MADE IMMEDIATELY, AS DETERMINED BY AND AT THE SOLE DISCRETION OF THE OWNER, SHALL BE PERFORMED BY THE OWNER OR OWNER'S AGENT. THE COST FOR THESE REPAIRS SHALL BE DEDUCTED FROM THE CONTRACT SUM.
- 6. EACH CONTRACTOR SHALL PROVIDE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS, TESTS, ETC. REQUIRED BY THE PERFORMANCE OF THEIR WORK.
- THERE WILL BE ONGOING OPERATIONS IN AREAS ADJACENT TO THE CONSTRUCTION AREA.
  THIS CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING ALL WORK OPERATIONS IN A
  MANNER WHICH WILL NOT AFFECT THESE OPERATIONS WITHOUT THE OWNER'S OF THE
  OPERATIONS EXPRESS APPROVAL. ALL WORK AND SCHEDULING OF WORK SHALL BE FULLY
  COORDINATED WITH AND APPROVED BY THESE OWNERS.
- 8. ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS SHALL NOT BE PERMITTED TO TIE IN TO THE SANITARY SEWER SYSTEM.
- 9. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD)," COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 1980 WEST BROAD STREET, COLUMBUS, OHIO, 43223.
- 10. ALL TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC ON JAMES WAY FROM 6:00 AM TO 9:00 AM AND FROM 3:00 PM TO 6:00 PM. ONE LANE MAY BE DIVERTED DURING WORKING HOURS.

PROVIDE TEMPORARY TRAFFIC CONTROL AS REQUIRED.

ALL TRENCHES TO BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS. ROAD CLOSURES SHALL BE COORDINATED WITH AND APPROVED BY MARION TOWNSHIP AND THE MARION COUNTY ENGINEER. PROVIDE LAW ENFORCEMENT OFFICER IF/AS REQUIRED OR DIRECTED.

- 11. THE TRACKING OR SPILLAGE OF MUD, DIRT OR DEBRIS UPON ROADS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE CONTRACTOR FAILS TO KEEP THE WORK AREA CLEAN OF DEBRIS, OR FAILS TO CLEAN MUD AND DIRT OFF OF ROADS, THE CITY MAY TAKE ACTION AND ACCESS THE CONTRACTOR FOR THE COSTS THAT ARE INCURRED.
- 12. NO NON-RUBBER TIRE VEHICLE SHALL BE MOVED ON ROADS.
- 13. ALL AREAS WITHIN THE PUBLIC RIGHT-OF-WAY THAT ARE DISTURBED BY THIS PROJECT SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
- 14. ALL GRAVITY SEWER PIPING SHALL BE MANDREL TESTED 30 DAYS AFTER PIPE HAS BEEN INSTALLED AND BACKFILLED. MAXIMUM ALLOWABLE DEFLECTION IS 5 %.
- 15. UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWERS SHALL BE CORRUGATED POLYETHYLENE SMOOTH BORE PIPE PER CMS ITEM 720.12 TYPE S WITH TYPE 2 BEDDING PER CMS 603.06.
- 16. STORM SEWER ITEMS ARE TO BE PER OHIO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS AS NOTED.
- 17. ALL WATERLINE MATERIALS AND INSTALLATIONS TO BE PER THE REQUIREMENTS OF THE WATER DEPARTMENT.
- 18. MINIMUM DEPTH OF COVER FOR WATERLINES SHALL BE 48" TO THE TOP OF THE PIPE FROM FINAL GRADE.
- 19. WATER SERVICE LINES SHALL BE TYPE K SOFT COPPER CONFORMING TO ASTM B-88, AND UNDERGROUND JOINTS MUST BE COMPRESSION OR, PE AS APPROVED BY THE WATER COMPANY.
- 20. IN CASE OF CONFLICT IN GRADE BETWEEN WATER LINES AND OTHER UTILITIES, THE WATER LINES SHALL BE LOWERED DURING CONSTRUCTION.
- 21. WATER LINES SHALL BE DEFLECTED AROUND STRUCTURES WITHOUT THE USE OF SPECIAL FITTINGS, WHERE POSSIBLE, WITHOUT EXCEEDING THE MANUFACTURER'S ALLOWABLE DEFLECTION.
- 22. IF THE TOP OF THE OPERATING NUT OF A VALVE IS MORE THAN 36 INCHES BELOW FINISHED GRADE, AN EXTENSION STEM SHALL BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN 24 INCHES OF FINISHED GRADE.
- 23. WATER DISTRIBUTION VALVES SHALL BE AWWA C 800 SIMILAR TO MUELLER 300 BALL CURB VALVE WITH RADIAL COMPRESSION ENDS. ALL VALVES SHALL BE PROVIDED WITH A HEAVY DUTY VALVE BOX SIMILAR TO TYLER 6870 SERIES STAMPED "WATER".
- 24. WATER PIPING SHALL BE DISINFECTED AND PRESSURE TESTED IN ACCORDANCE WITH AWWA STANDARDS C600 AND C651 AND AS REQUIRED BY THE WATER COMPANY, THE OHIO EPA AND THE HEALTH DEPARTMENT.
- 25. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY EQUIPMENT, TO PERFORM THE PRESSURE TEST, AND TO DISINFECT THE WATER PIPING.
- 26. WATER LINES MUST BE NOTED AS NSF APPROVED.



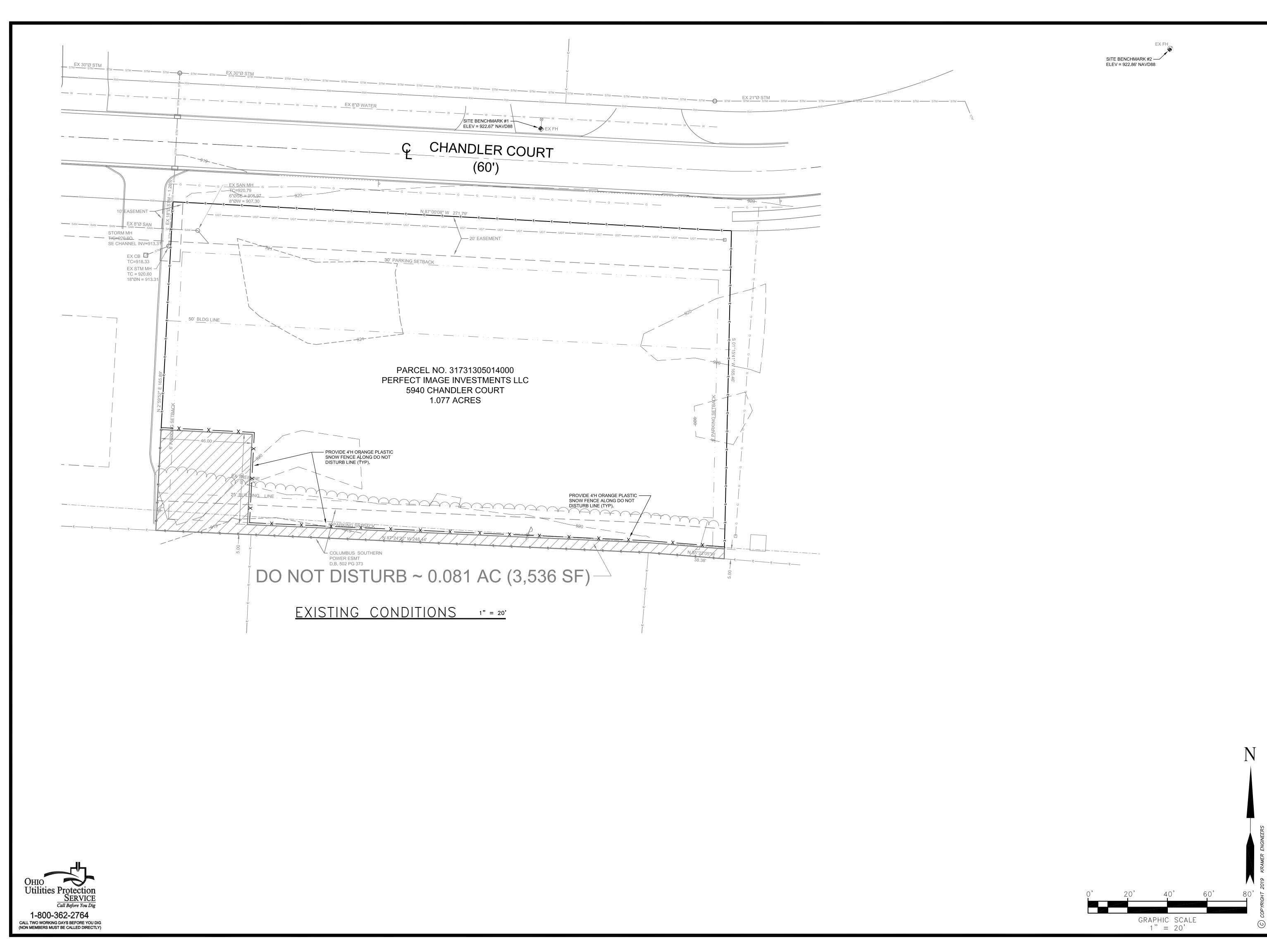
- 27. ALL OPEN TRENCHES SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-CONSTRUCTION HOURS. ALL PLATED TRENCHES AND EQUIPMENT SHALL BE COMPLETELY ENCLOSED WITH A FOUR FOOT HIGH CONSTRUCTION FENCE.
- 28. THE CONTRACTOR SHALL NOTIFY THE MARION TOWNSHIP ZONING INSPECTOR AND THE MARION COUNTY ENGINEER'S OFFICE A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. PROVIDE PRE-SONSTRUCTION MEETINGS IF REQUIRED.
- 29. UTILITY TRENCHES SHALL BE DEWATERED TO 2" BELOW PIPE PRIOR TO INSTALLATION OF PIPING.
- 30. ALL SANITARY SEWERS SHALL BE SEPARATED FROM WATER LINES A MINIMUM OF 10' HORIZONTALLY AND 18" VERTICALLY.
- 31. PROVIDE AND MAINTAIN TEMPORARY BARRICADES AS REQUIRED FOR THE PROTECTION OF THE PUBLIC AND AS DIRECTED BY THE CITY AND THE OWNER. AT A MINIMUM, PROVIDE ORANGE BARRELS (WITH LIGHTS) SPACED NOT MORE THAN 8' APART WHEN WORKING ADJACENT TO PUBLIC OR PRIVATE RIGHT-OF-WAYS. PROVIDE ORANGE SNOW FENCE WITH SUPPORTS AROUND CONSTRUCTION LIMITS.
- 32. ALL MANHOLE LIDS, VALVE BOXES, VAULT LIDS, ETC. WITHIN THE WORK LIMITS SHALL HAVE BE ADJUSTED TO PROPOSED GRADES WHERE REQUIRED.
- 33. ALL SUBGRADE SOILS SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 204.
- 34. AGGREGATE BASE SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 304 PLACED IN MAXIMUM COMPACTED LIFTS OF 4".
- 35. PROVIDE BITUMINOUS PRIME COAT AT A RATE OF 0.30 GALLON PER SQUARE YARD TO AGGREGATE BASE PRIOR TO PLACING ASPHALT BASE COURSE. PRIME COAT SHALL CONFORM TO THE REQUIREMENTS OF CMS 408.
- 36. ASPHALTIC CONCRETE LEVELING COURSE SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 448, TYPE 2 INTERMEDIATE, HEAVY.
- 37. PROVIDE BITUMINOUS TACK COAT AT A RATE OF 0.40 GALLON PER SQUARE YARD TO ALL COURSES OF ASPHALT PRIOR TO PLACING NEXT SUCCEEDING COURSE OF ASPHALT AND TO ALL VERTICAL SURFACES THAT NEW ASPHALT ABUTS. TACK COAT SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 407.
- 38. ASPHALTIC CONCRETE WEAR COURSE SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 448, TYPE 1 SURFACE, HEAVY.
- 39. REINFORCED PLAIN PORTLAND CEMENT CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 451. PROVIDE 1/2" PREMOLDED EXPANSION JOINT BETWEEN CONCRETE PAVEMENT AND ANY CURBS, FOUNDATIONS, FOOTERS, CONCRETE RETAINING STRUCTURES, ETC. REINFORCEMENT TO BE 6"x6"xW 5.4 WWF SET 2" DOWN FROM TOP AND 2" UP FROM BOTTOM OF SLAB AND SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 709 10
- 40. SAWCUT AND SEAL ALL ASPHALTIC CONCRETE PAVEMENT JOINTS. SAWCUTTING AND SEALING SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 409.
- 41. SIDEWALKS SHALL CONFORM TO THE REQUIREMENTS OF CMS ITEM 608.
- 42. PARKING STALL STRIPING SHALL BE WHITE AND PER CMS ITEM 642, TYPE 2 NO BEADS.
- 43. UTILITIES AS SHOWN WERE TAKEN IN PART FROM RECORDS OF THE RESPECTIVE UTILITY COMPANIES AND IN PART FROM A FIELD SURVEY, AND DO NOT NECESSARILY REPRESENT ALL UNDERGROUND OR OVERHEAD UTILITIES ADJACENT TO OR UPON THE SITE.
- 44. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SLOPE OF BUILDING SEWERS TOWARD THE LATERAL SEWER IN STRICT ACCORDANCE WITH THE GOVERNING AUTHORITIES PRIOR TO CONSTRUCTION.
- 45. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRIC AND TELEPHONE LINES TO THE BUILDING AND ALL OTHER SITE ELECTRICAL WORK SHOWN ON THE SITE.
- 46. PROVIDE 15' LONG 4"Ø PERFORATED PVC TILE, CMS ITEM 720.07 WITH CMS ITEM 712.09 TYPE A SEDIMENT SOCK, BELOW PAVEMENT AT EACH CATCH BASIN EXTENDING IN EACH OF FOUR DIRECTIONS FROM CATCH BASIN, AND ELSEWHERE AS INDICATED ON THE PLANS. IN AREAS NOT UNDER PAVEMENT INSTALL TILE IN 8" WIDE TRENCH MIN 18" DEEP, BACKFILL TO 2" OVER PIPE WITH #8 WASHED GRAVEL.
- 47. WATER LINES SHALL NOT BE FILLED NOR SHALL ANY PRESSURE TESTS BEGIN UNTIL THE WATER DEPARTMENT HAS GIVEN PERMISSION TO DO SO.
- 48. AT ALL POINTS OF CROSSING UTILITIES, THE BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL, ODOT ITEM 304, BETWEEN THE DEEPER AND THE SHALLOWER PIPE/CONDUIT AND TO 12 INCHES ABOVE THE TOP PIPE/CONDUIT. MANUALLY EXPOSE CROSSING UTILITIES PRIOR TO MECHANICAL EXCAVATION.
- 49. IN GENERAL, BACKFILLS BEYOND FIVE FEET OF ANY PAVED AREA MAY BE BACKFILLED WITH COMPACTED EARTH. BACKFILL UNDER PAVEMENT AND WITHIN FIVE FEET ON EITHER SIDE SHALL BE BACKFILLED WITH CMS ITEM 304 COMPACTED GRANULAR BACKFILL.
- 50. PROVIDE SEEDING AND MULCHING PER CMS ITEM 659 FOR ALL AREAS DISTURBED BY THE PERFORMANCE OF THE WORK. TRENCHES/GRADING SHALL BE RESTORED AND DISTURBED AREAS SEEDED AND MULCHED IMMEDIATELY UPON INSTALLATION OF THE PIPING.
- 51. THE CONTRACTOR SHALL PROVIDE WATER FOR DAMPENING SURFACES TO PREVENT EXCESSIVE DUST BEING GENERATED DURING EXCAVATION OPERATIONS. PROVIDE AND PAY FOR ALL WATER REQUIRED. DUST CONTROL METHODS MUST BE ACCEPTABLE TO THE OHIO EPA.
- 52. THE MAXIMUM TRENCH WIDTH AT THE TOP OF THE PIPE BARREL SHALL NOT BE GREATER THAN THE OUTSIDE DIAMETER OF THE PIPE PLUS 16 INCHES, OR 30 INCHES, WHICH EVER IS GREATER.
- 53. AN ELECTRONICALLY DETECTABLE IDENTIFICATION TAPE SHALL BE INSTALLED AT A DEPTH OF APPROXIMATELY 3 FEET IN ALL TRENCHES OVER NON-METALLIC PIPING.
- 54. ANY FIELD TILE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AS DIRECTED BY THE MARION COUNTY ENGINEER.
- 55. SEWER LINES SHALL NOT BE FILLED NOR SHALL ANY PRESSURE TESTS BEGIN UNTIL MARION TOWNSHIP AND/OR THE MARION COUNTY HEALTH DEPARTMENT HAS GIVEN PERMISSION TO DO SO
- 56. GRAVITY SANITARY SEWER PIPING SHALL BE PVC, ASTM D 2665 WITH ASTM D 3212 JOINTS AND INSTALLATION PER ASTM D 2321 OR PVC, DR 35, ASTM D 3034 WITH ASTM D 3212 JOINTS AND INSTALLATION PER ASTM D 2321. AIR TEST PIPING PER ASTM F 1417. AFTER 30 DAYS, DEFLECTION TEST SEWER. MAXIMUM DEFLECTION SHALL NOT EXCEED 5 %.

DESCRIPTION   DIATE	_	STIMATE OF QUANTITIES			
203	_				
204   225   SY   SUBGRADE COMPACTION AND PROOF ROLLING					
207		EXCAVATION AND EMBANKMENT		AS SHOWN	203
207   735		SUBGRADE COMPACTION AND PROOF ROLLING	SY	225	204
207		CONSTRUCTION SEEDING AND MULCHING	SY	100	207
207		PERIMETER FILTER FABRIC FENCE	LF	735	207
207		INLET PROTECTION	EA	7	207
207		STABILIZED CONSTRUCTION ENTRANCE	EA	1	207
304 225 SY 4"AGGREGATE BASE  407 225 SY TACK COAT  408 225 SY PRIME COAT  409 1 LF SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS  423 1 LB/SY CRACK SEAL, TYPE I  441 225 SY 1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22  441 225 SY 6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22  441 225 SY 6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22  604 3 EACH STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE  604 1 EACH STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE  606 1 EACH W-BEAM FLARED END SECTION  608 840 SF 5W CONCRETE SIDEWALK  609 652 SF 6" CONCRETE TRAFFIC ISLAND  614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC  624 AS SHOWN LUMP SUM MOBILIZATION  647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN RW  659 660 SY PERMANENT SEEDING AND MULCHING WITHIN RW  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	7				
407   225   SY   TACK COAT     408   225   SY   PRIME COAT     409   1	$\dashv$				
407   225   SY   TACK COAT     408   225   SY   PRIME COAT     409   1	$\dashv$	4" ACCREGATE BASE	97	225	304
408         225         SY         PRIME COAT           409         1         LF         SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS           423         1         LB/SY         CRACK SEAL, TYPE I           441         225         SY         1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22           441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN RW           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN RW           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING	$\dashv$	+ AGGREGATE BAGE	01	223	304
408         225         SY         PRIME COAT           409         1         LF         SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS           423         1         LB/SY         CRACK SEAL, TYPE I           441         225         SY         1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22           441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN RW           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN RW           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING	$\dashv$	T10// 00 1T	0) (	225	407
409         1         LF         SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS           423         1         LB/SY         CRACK SEAL, TYPE I           441         225         SY         1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22           441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	4				
423         1         LB/SY         CRACK SEAL, TYPE I           441         225         SY         1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22           441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		PRIME COAT		225	408
441         225         SY         1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22           441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5'W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	LF	1	409
441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		CRACK SEAL, TYPE I	LB/SY	1	423
441         225         SY         6-1/2" ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 2, PG 64-22           604         3         EACH         STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE           604         1         EACH         STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE           606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5"W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		1-1/2" ASPHALT CONCRETE, SURFACE COURSE, TYPE 1, PG 64-22	SY	225	441
604 3 EACH STANDARD CATCH BASIN (AA-S133A) WITH HEAVY DUTY FRAME AND GRATE 604 1 EACH STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE 606 1 EACH W-BEAM FLARED END SECTION 608 840 SF 5'W CONCRETE SIDEWALK 609 652 SF 6" CONCRETE TRAFFIC ISLAND 614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN RW 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN RW  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	$\neg$				
604 1 EACH STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE 606 1 EACH W-BEAM FLARED END SECTION 608 840 SF 5'W CONCRETE SIDEWALK 609 652 SF 6" CONCRETE TRAFFIC ISLAND 614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15'Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	-	O WE NOT THE POSITIONE TE, INTERNMEDIATE OCCINCE, THE E, T C C T EE	01	220	771
604 1 EACH STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE 606 1 EACH W-BEAM FLARED END SECTION 608 840 SF 5'W CONCRETE SIDEWALK 609 652 SF 6" CONCRETE TRAFFIC ISLAND 614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15'Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	-	074412422 04761124 04664 144 04664 1	E4.011		
606         1         EACH         W-BEAM FLARED END SECTION           608         840         SF         5'W CONCRETE SIDEWALK           609         652         SF         6" CONCRETE TRAFFIC ISLAND           614         AS SHOWN         LUMP SUM         MAINTAINING TRAFFIC           624         AS SHOWN         LUMP SUM         MOBILIZATION           647         7         EACH         PERMANENT SEEDING AND MULCHING WITHIN R/W           659         660         SY         PERMANENT SEEDING AND MULCHING WITHIN R/W           901         208         LF         15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	_				
608 840 SF 5'W CONCRETE SIDEWALK 609 652 SF 6" CONCRETE TRAFFIC ISLAND 614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		STANDARD CATCH BASIN (AA-S133B) WITH HEAVY DUTY FRAME AND GRATE	EACH	1	604
609 652 SF 6" CONCRETE TRAFFIC ISLAND 614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		W-BEAM FLARED END SECTION	EACH	1	606
614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.		5'W CONCRETE SIDEWALK	SF	840	608
614 AS SHOWN LUMP SUM MAINTAINING TRAFFIC 624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	┰	6" CONCRETE TRAFFIC ISLAND	SF	652	609
624 AS SHOWN LUMP SUM MOBILIZATION 647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	$\dashv$				
647 7 EACH PERMANENT SEEDING AND MULCHING WITHIN R/W 659 660 SY PERMANENT SEEDING AND MULCHING WITHIN R/W  901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	-				
901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	-				
901 208 LF 15"Ø RCP PIPE - ITEM 706.02 WITH TYPE 1 BEDDING AND WATERTIGHT JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	4				647
JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.	_	PERMANENT SEEDING AND MULCHING WITHIN R/W	SY	660	659
JOINTS COMPLYING WITH ASTM 3212 AND INSTALLED PER ASTM D2321.					
901 228 LF 18"Ø PVC PIPE - ITEM 720.08 WITH TYPE 1 BEDDING			LF	208	901
	$\dashv$	18"Ø PVC PIPE - ITEM 720 08 WITH TYPE 1 BEDDING	l F	228	901
	$\dashv$	10 STVOTHE TIEM 720.00 WITH THE TEEBBING		220	
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BRIGHT PATH DA BRIGHT PATH DA 5940 CHANDLER WESTERVILLE, (

DATE: 02-01-19
SCALE: AS NOTED
DRAWN BY: REVISIONS:
#1 #2
#3

GENERAL NOTES AND QUANTITIES



PRELITION CONSTRUCTED

EET
HIG 43215
NGINEERS.COM
3.6911

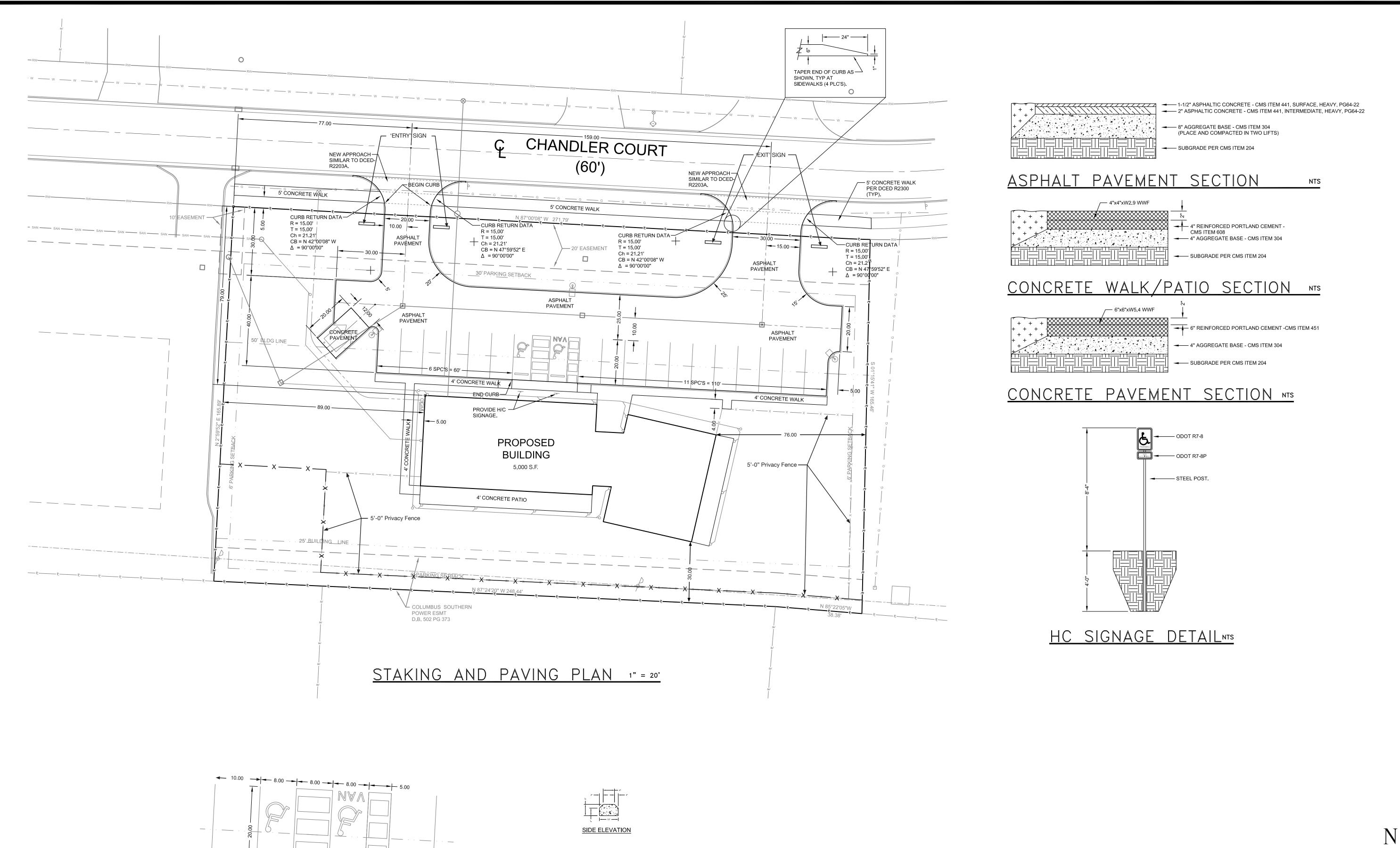
MECHANIGAL/ELECTRICAL/CIVIL EN 394 DAK STREET COLUMBUS, DHIO 4321 WWW.KRAMERENGINEERS. TEL: 614.233.6911



BRIGHT PATH DAYCARE 5940 CHANDLER COURT WESTERVILLE, OHIO

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DATE:	02-01-19
SCALE:	AS NOTED
DRAWN BY:	_
REVISIONS:	
#1	-
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#3	

EXISTING CONDITIONS



FRONT ELEVATION

PARKING BLOCK DETAIL NTS

COMMERCIAL PARKING BLOCK

CONSTRUCTED OF 4000 PSI CONCRETE. PROVIDE (2) #5 REINFORCING RODS DRIVEN

CONCRETE SIDEWALK

PARTIAL PLAN 1" = 10'

PROVIDE H/C SIGNAGE PER THE DETAIL.

1-800-362-2764 CALL TWO WORKING DAYS BEFORE YOU DIG

PRI IMI ARV

AMER ENGINEERRANICAL/ELECTRICAL/CIVIL ENGINEERIN

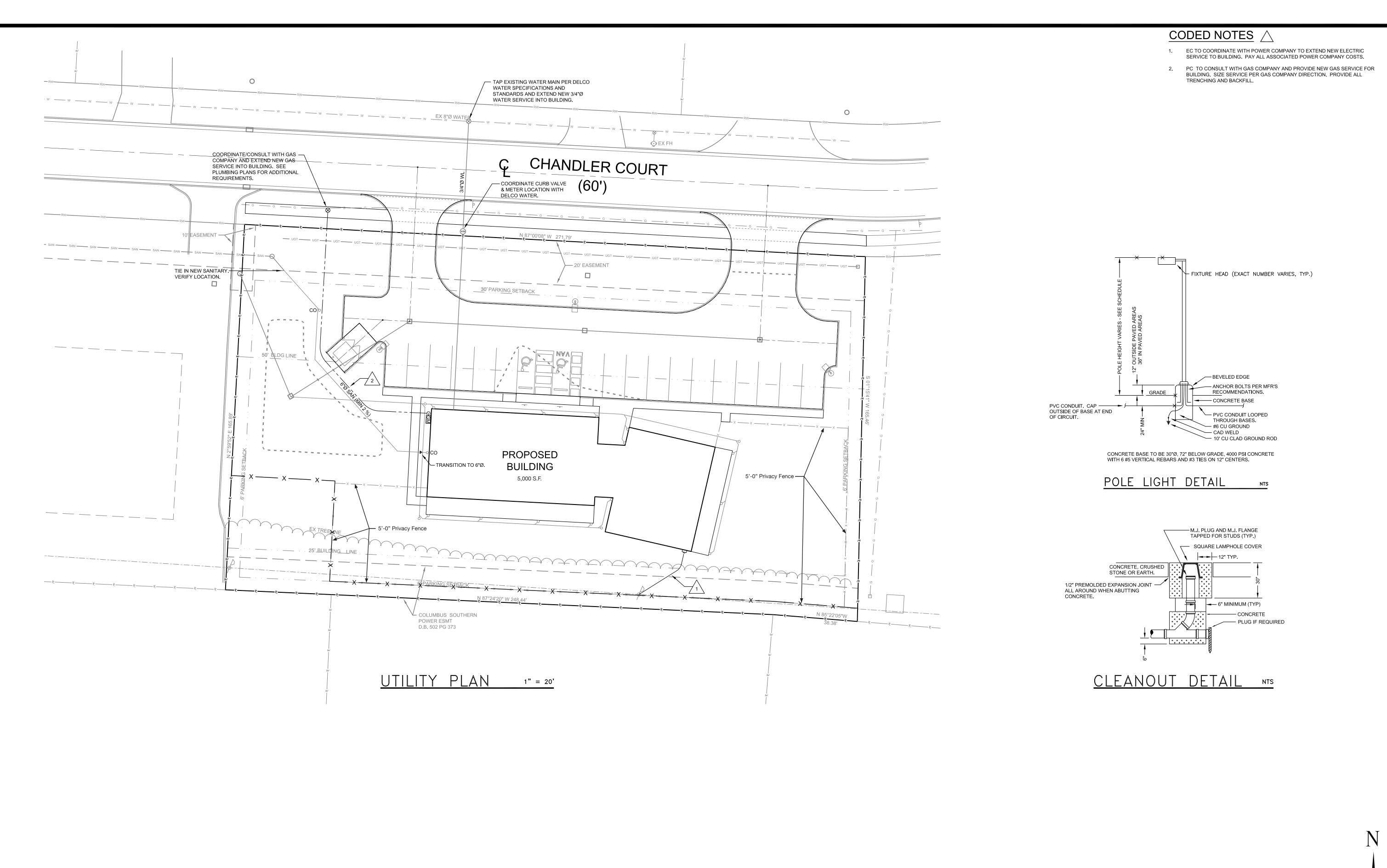
LOAK STREET
UMBUS, OHIO 43215

KA MEGH MEGH MWW TEL FAX

> BRIGHT PATH DAYCARE 5940 CHANDLER COURT WESTERVILLE, OHIO

B	>
DATE:	02-01-19
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STAKING AND PAVING PLAN





MEK ENGINEERING
ALECTRICAL/CIVIL ENGINEERING
AK STREET
IUS, OHIO 43215
AMERENGINEERS.COM
4.233.6911

BRIGHT PATH DAYCARE 5940 CHANDLER COURT WESTERVILLE, OHIO

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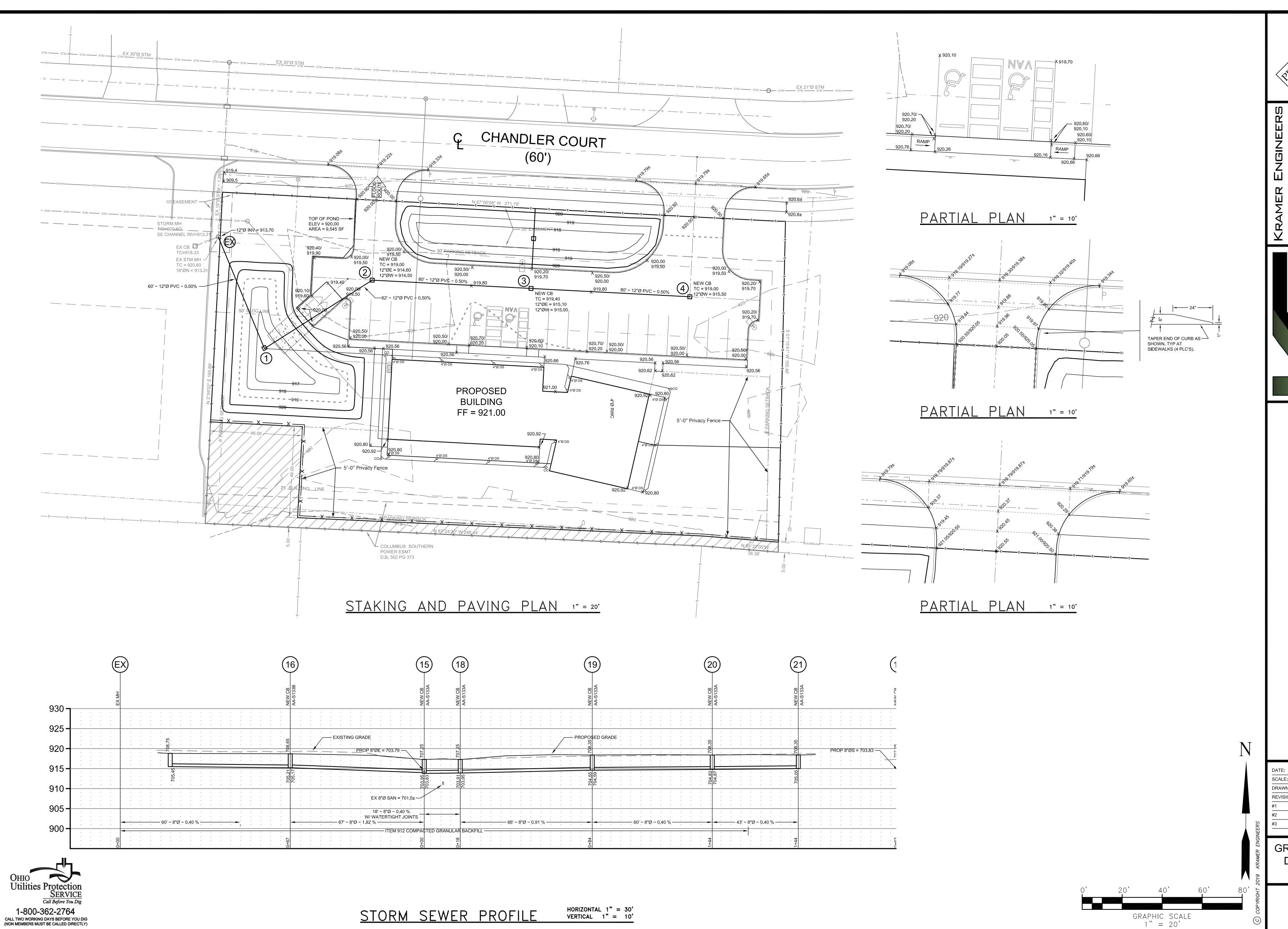
UTILITY PLAN

C4

20' 40'

GRAPHIC SCALE

1" = 20'



PRIJING CONSTRUCTION

AMER ENGINEER

ANICAL/ELECTRICAL/CIVIL ENGINEER

4 DAK STREET

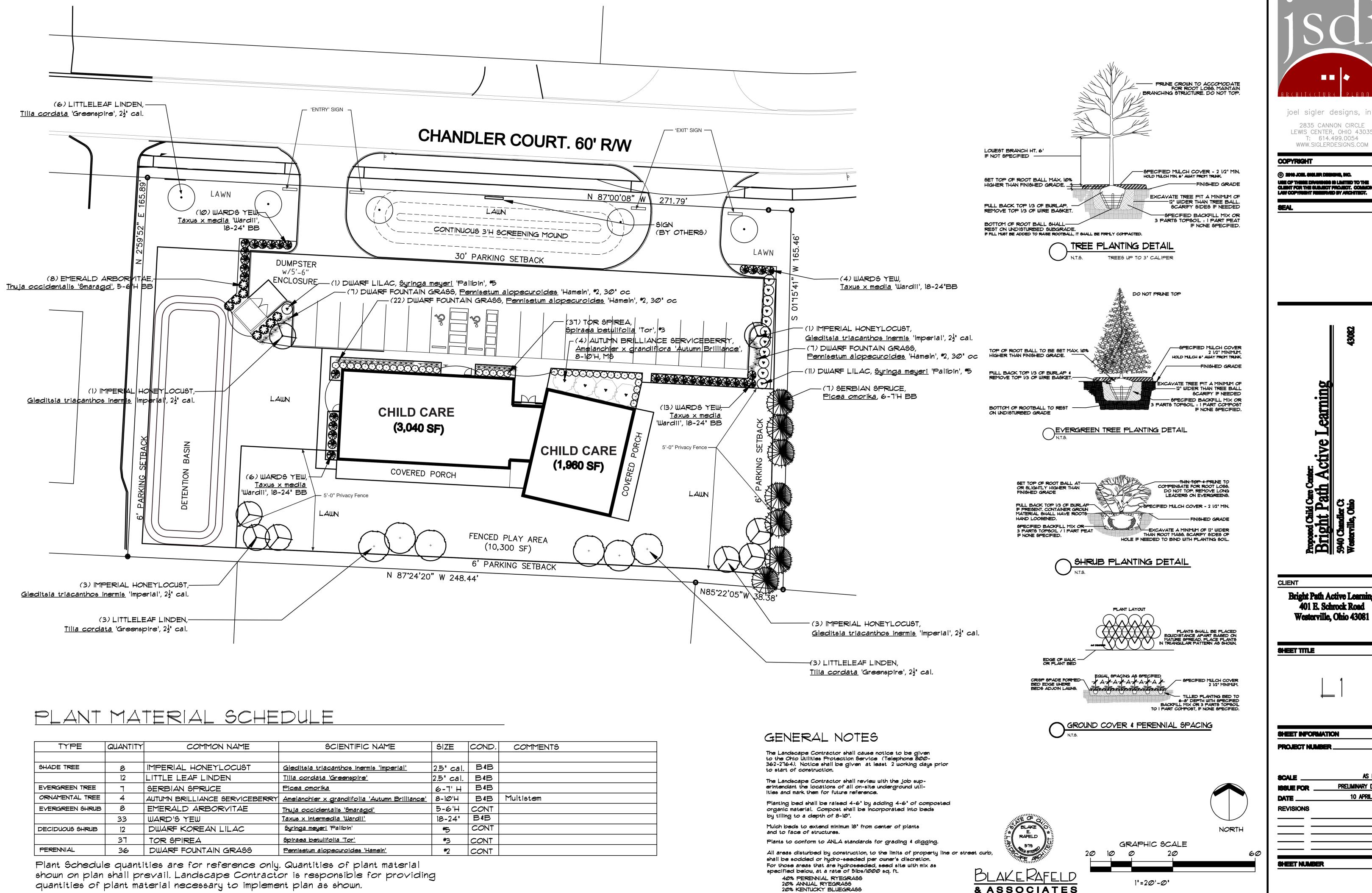
394 DAK STREET
COLUMBUS, DHIO
WWW.KRAMERENGIN
TEL: 614.233.69



BRIGHT PATH DAYCARE 5940 CHANDLER COURT WESTERVILLE, OHIO

DATE: 02-01-19
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#3

GRADING AND DRAINAGE PLAN



joel sigler designs, inc. 2835 CANNON CIRCLE LEWIS CENTER, OHIO 43035 T: 614.499.0054

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**Bright Path Active Learning** 401 E. Schrock Road Westerville, Ohio 43081

SHEET INFORMATION PROJECT NUMBER

AS NOTED PRELIMINARY DESIGN 10 APRIL 2019

LANDSCAPE PLAN

& ASSOCIATES

20% PENNLAWN RED FESCUE





JOEL SIGLER DESIGNS, INC.

2835 (ANNON (IR(LE Lewis (Enter, Ohio 43035 T: Gi4.499.0054 www.siglerdesigns.com

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SEAL



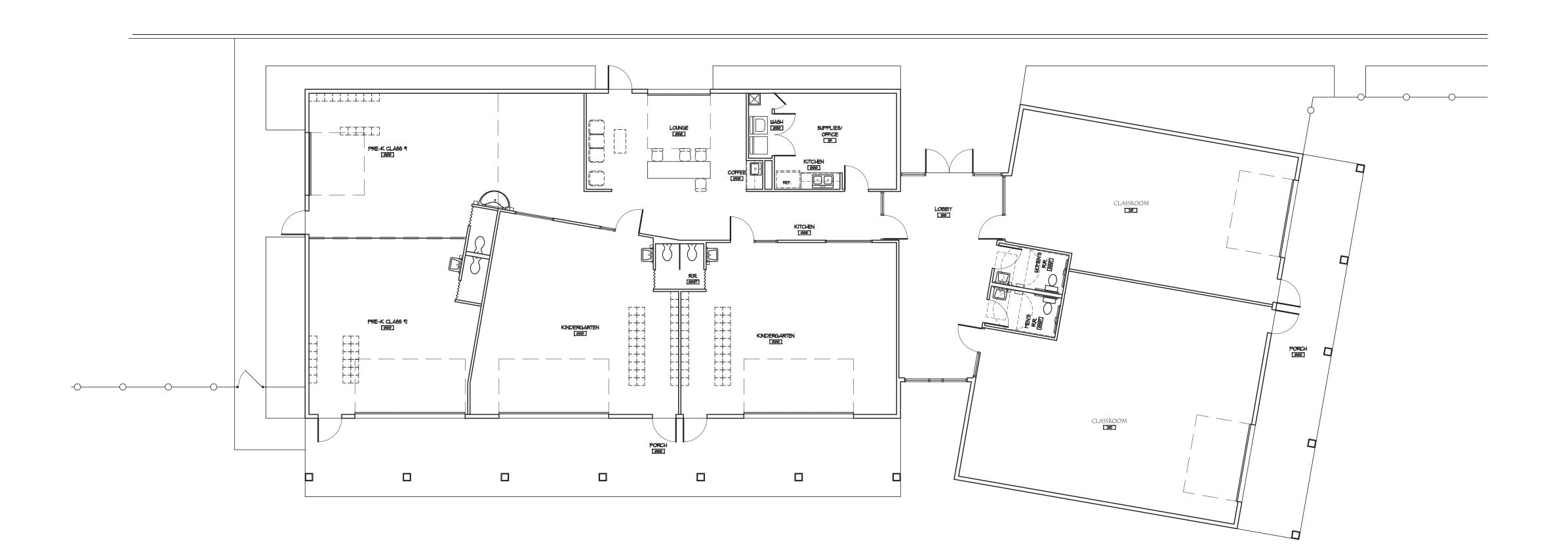
CLIENT

Bright Path Active Learning 401 E. Schrock Road Westerville, Ohio 43081

SHEET TITLE

PRELIMINARY FLOOR PLAN OPTION 1

PROJECT NUMBER .	180
DRAWN BY	
CHECKED BY	
SCALE	AS NOTE
ISSUE FOR	PRELIMINARY DESIGN
DATE	14 APRIL 2019
REVISIONS	





# **BUILDING MATERIALS:**

SIDING, HORIZONTAL - JAMES HARDIE FIBER CEMENT (SHIP LAP)

SIDING, VERITCAL- JAMES HARDIE FIBER CEMENT (BOARD AND BATTEN)

EAVES, RAKES AND TRIM - JAMES HARDIE FIBER CEMENT

# ROOFING

BASE BID - ASHPHALT SHINGLES ALTERNATE - STANDING SEAM PRE FINISHED METAL

DOOR AND WINDOWS - ALUM. STOREFRONT (KAWNEER TRIFAB 451T)

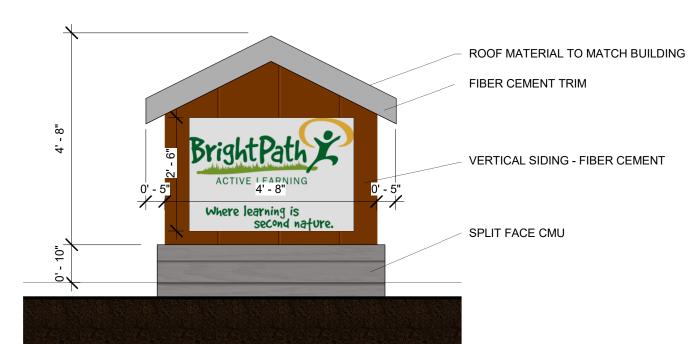
GLASS - TINTED 1" INSULATED

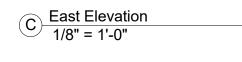




A North Elevation 3/16" = 1'-0"









Sign Elevation - Ground Lighting
1/2" = 1'-0"

ARCHITECTURE PLANNING JOEL SIGLER DESIGNS, INC.

7792 OLENTANGŲ RIVER ROAD, SUITE G (Olumbus, Ohio 43235 T. 614.633.0790 www.siglerdesigns.com

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SEAL

earning Active

Bright Path

Bright Path Active Learning

SHEET TITLE

**Exterior Elevations** 

SHEET INFORMATION	
PROJECT NUMBER:	180
DRAWN BY:	Autho
CHECKED BY:	Checke
SCALE:	As indicate
ISSUED FOR:	02/15/1
DATE:	02/15/1

REVISIONS

SHEET NUMBER

A2.2

D South Elevation
1/8" = 1'-0"

