



## LOCATION MAP

SCALE: 1"=200'-0"

0 200' 400'

| SHEET INDEX     |                   |                                     |
|-----------------|-------------------|-------------------------------------|
| SHEET<br>NUMBER | DRAWING<br>NUMBER | SHEET<br>TITLE                      |
| 1               | G2.0              | LOCATION MAP, SHEET INDEX & CONTROL |
| 2               | G3.0              | GENERAL NOTES & SPECIFICATIONS      |
| 3               | G3.1              | GENERAL NOTES & SPECIFICATIONS      |
| 4               | C1.0              | EXISTING CONDITIONS - 40 SCALE      |
| 5               | C1.1              | EXISTING CONDITIONS - 20 SCALE      |
| 6               | C2.0              | EROSION CONTROL PLAN                |
| 7               | C2.1              | DEMOLITION PLAN                     |
| 8               | C3.0              | SITE PLAN                           |
| 9               | C4.0              | GRADING PLAN                        |
| 10              | C5.0              | UTILITY PLAN                        |
| 11              | EC1.0             | EROSION CONTROL DETAILS             |
| 12              | EC1.1             | EROSION CONTROL DETAILS             |
| 13              | CD1.0             | CONSTRUCTION DETAILS                |
| 14              | CD1.1             | CONSTRUCTION DETAILS                |
| 15              | CD1.2             | CONSTRUCTION DETAILS                |

| CONTROL TABLE   |             |            |           |                                                        |
|-----------------|-------------|------------|-----------|--------------------------------------------------------|
| POINT<br>NUMBER | NORTHING    | EASTING    | ELEVATION | DESCRIPTION                                            |
| 9510            | 1899483.164 | 378311.896 | 918.629'  | CP - BARN NAIL                                         |
| 9511            | 1899559.760 | 377828.108 | 897.050'  | CP - MAG NAIL ON SOUTH EDGE OF PAVEMENT                |
| 9512            | 1899571.103 | 377169.584 | 906.761'  | CP - MAG NAIL ON NORTH EDGE OF PAVEMENT @ MAILBOX #315 |

ABOVE ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM (NAVD88)

| PROJECT CONTACT INFORMATION |                |                   |                |                           |
|-----------------------------|----------------|-------------------|----------------|---------------------------|
| ENTITY                      | NAME           | DESCRIPTION/TITLE | PHONE NO.      | EMAIL ADDRESS             |
| TOWN OF UPLAND              | JONATHAN PEREZ | TOWN MANAGER      | (765) 998-7439 | JPEREZ@UPLANDINDIANA.COM  |
| TOWN OF UPLAND              | BRAD FELVER    | SANITARY & WATER  | (765) 998-7439 | BFELVER@UPLANDINDIANA.COM |
| AMERICAN ELECTRIC POWER     | J. JAY MARLOW  | ELECTRIC SERVICE  | (260) 408-3447 |                           |
| CENTERPOINT ENERGY          | JON EASTHAM    | GAS SERVICE       | (765) 287-2119 |                           |
| AT&T DISTRIBUTION           | MATT SPINDLER  | TELECOM SERVICE   | (317) 220-7043 |                           |

[illegible]

GENERAL NOTES

1. THE MUNICIPALITY, ENGINEER, AND ANY UTILITY COMPANY AFFECTED BY WORK SPECIFIED IN THESE PROJECT DRAWINGS MUST BE NOTIFIED AT LEAST TWO (2) WEEKS PRIOR TO THE COMMENCEMENT OF WORK.
2. ALL PROPERTY AND RIGHT-OF-WAY LINE INFORMATION SHOWN IN DRAWING SET ARE DERIVED FROM THE MILLER LAND SURVEYING TOPOGRAPHIC AND BOUNDARY SURVEY, DATED OCTOBER 29, 2025.
3. EXISTING UTILITY INFORMATION SHOWN IN DRAWING SET MEETS "ASCE 36-02" QUALITY LEVEL C, UNLESS OTHERWISE NOTED.

UTILITY COORDINATION AND PROJECT DIRECTION OF EXISTING SUBSURFACE DATA:

UTILITY QUALITY LEVEL DESCRIPTIONS

**UTILITY QUALITY A** - PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATIONS OF PREVIOUSLY EXPOSED AND SURVEY UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. ACCURACY OF LOCATION MATCHES PROJECT SURVEY TOLERANCE.

**UTILITY QUALITY B** - INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. THE RELIABILITY OF THIS INFORMATION IS SURVEYED TO PROJECT CONTROL AND SUBJECT TO ACCURACY LEVELS OF THE GEOPHYSICAL TOLERANCE DEFINED BY THE PROJECT.

**UTILITY QUALITY C** - INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE GROUND UTILITY FEATURES AND CORRELATING QUALITY LEVEL "D" INFORMATION.

**UTILITY QUALITY D** - INFORMATION DERIVED FROM EXISTING RECORDS OR VERBAL RECOLLECTIONS.

4. NORTHING AND EASTING COORDINATES SHOWN ON ALL STRUCTURES ARE SHOWN FROM CENTER OF STRUCTURE NOT CASTING, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY CONFLICTING INFORMATION BECOMES APPARENT IN THE CONTRACTOR DOCUMENTS AS SOON AS POSSIBLE AND PRIOR TO ANY WORK BEING PERFORMED IN THE VICINITY OF OR RELATIVE TO THE APPARENT CONFLICT SO THAT CLARIFICATION MAY OCCUR PRIOR TO CONSTRUCTION ACTIVITIES.
20. COORDINATION, PROPER FIT, AND SURVEY OF ALL PROJECT ELEMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION STAKEOUT OF THE PROJECT ELEMENTS TO VERIFY THE COORDINATES PROVIDED.
21. ANY ALTERATIONS TO THESE DRAWINGS, SPECIFICATIONS, AND RECORDS ON FILE SHALL RELIEVE COMMONWEALTH ENGINEERS, INC. OF ANY RESPONSIBILITY OF THE ACCURACY OF THE DRAWINGS.
22. USE CAUTION DURING THE EXECUTION OF WORK TO PREVENT DAMAGE TO FEDERAL, STATE, COUNTY, MUNICIPAL, AND PRIVATE PROPERTY. REPAIR ALL DAMAGES AS A RESULT OF OPERATIONS. REPAIR AND REPLACE DAMAGED ITEMS AT NO ADDITIONAL COST TO THE OWNER. PERFORM ALL REPAIR AND REPLACEMENT WORK TO THE SATISFACTION OF THE PERMITTING AGENCY, THE OWNER, AND THE ENGINEER.
23. THE CONTRACTOR SHALL PRESERVE AND PROTECT PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKERS, AND BENCHMARKS SUCH AS STONES, PIPES OR OTHER MONUMENTS ENCOUNTERED. IF THE CONTRACTOR MUST DISTURB THE PROPERTY MARKERS OR MONUMENTS, THEIR HORIZONTAL AND VERTICAL LOCATION SHALL BE DETERMINED AND RECORDED BY A REGISTERED LAND SURVEYOR AND THE OWNER NOTIFIED BEFORE DISTURBING. ALL PROPERTY MARKERS AND MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RE-ESTABLISHED BY A REGISTERED LAND SURVEYOR TO FINAL COMPLETION.
24. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PERMITS AND REGULATIONS. APPLICABLE PERMITS ISSUED TO THE OWNER WILL BE MADE AVAILABLE TO THE CONTRACTOR.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING, AT NO ADDITIONAL COST TO THE MUNICIPALITY, TEMPORARY EASEMENTS NEEDED FOR STORAGE, STOCKPILING, ACCESS, OR ANY OTHER REASON, OUTSIDE OF ANY EASEMENTS OR RIGHT-OF-WAY PROVIDED.
26. EXISTING UTILITY LINES TO INDIVIDUAL CUSTOMERS MAY NOT BE SHOWN ON THE DRAWINGS. ASSUME THAT UNDERGROUND SERVICE LINES FOR ALL UTILITIES EXIST TO EACH PROPERTY ALONG THE ROUTE OF PLANNED IMPROVEMENTS. COORDINATE ALL WORK WITH RESPECTIVE UTILITIES.
27. THE CONTRACTOR SHALL COORDINATE THE ACTIVITIES OF THEIR PERSONNEL, SUBCONTRACTORS, AND UTILITIES PERFORMING WORK ON THIS PROJECT. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE OWNER'S OPERATIONS AND MAINTENANCE PERSONNEL WHO MAY BE WORKING IN OR NEAR THE PROJECT AREA.
28. THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION CONTROL AND THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THE PROJECT.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES, AND ELEVATIONS. ALL PIPES SHALL SLOPE UNIFORMLY BETWEEN INVERTS SHOWN HEREIN.
30. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS, PARKING LOTS, OR WALKS. THIS MATERIAL REMOVAL OR SWEEPING OF STREETS SHALL BE DONE AS FREQUENTLY AS NECESSARY TO MAINTAIN REASONABLY CLEAN AREAS. THE CONTRACTOR SHALL ALSO CONTROL DUST THROUGH THE USE OF WATERING, APPLICATION, OF DUST PALLATIVE, OR OTHER APPROVED METHODS. NO DIRECT PAYMENT SHALL BE MADE FOR ANY SUCH CLEANING WORK OR DUST CONTROL.
31. EXISTING SIGNS TO BE REMOVED AND RESET AFTER CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER.
32. EXISTING SIDEWALK SHALL BE REPLACED TO THE NEAREST JOINT AND REPLACED AS NEEDED FOR INSTALLATION OF NEW CURB RAMPS.
33. ROADWAY SURFACING AND BASE MATERIALS OR OTHER PROPERTY REMOVED OR DAMAGED SHALL BE REPLACED OR REPAIRED AS PROVIDED FOR IN THESE PLANS AND CONTRACT DOCUMENTS.
34. THE CONTRACTOR SHALL VERIFY ALL RIM ELEVATIONS OF PROPOSED STRUCTURES PRIOR TO ORDERING ANY MATERIALS.
35. THE CONTRACTOR SHALL USE ONLY CLEAN FILL IN TRENCHES WHENEVER LARGE DEBRIS IS REMOVED.
36. RE-GRADE AREAS AS NECESSARY WITHIN THE CONSTRUCTION LIMITS TO ALLOW PROPER DRAINAGE TO EXISTING DRAINAGE SWALES AND STORM SEWER STRUCTURES. ANY EXCESS SOIL AND SPOIL MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE OR AT ON-SITE STOCKPILE LOCATION INDICATED HEREIN OR BY THE OWNER.
37. WORK NOT SPECIFIED FOR PAYMENT AS PART THESE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND PLANS.
38. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT, IF ONE HAS BEEN OBTAIN FOR THIS PROJECT, FOR ACTUAL BORING LOCATIONS AND LOGS.

39. AS-BUILT DRAWINGS PRODUCED BY THE CONTRACTOR SHALL BE FORWARDED TO THE OWNER AND/OR MUNICIPALITY, ENGINEER, AND APPLICABLE UTILITIES.
40. ALL PROPOSED SANITARY SEWER, STORM SEWER, WATER MAIN, AND SERVICE LINES UNDER AND WITHIN 2 FEET OF PAVEMENT, CURBS, AND SIDEWALK SHALL BE BACKFILLED AS SHOWN IN THE CONSTRUCTION DETAILS WITHIN THESE PROJECT DRAWINGS. AGGREGATE SHALL BE CRUSHED LIMESTONE UNLESS OTHERWISE DIRECTED BY OWNER.
41. MATERIALS USED FOR SANITARY SEWER, STORM SEWER, WATER MAIN, SERVICE LINES, AND PAVEMENT SHALL CONFORM TO THE APPLICABLE MUNICIPAL STANDARDS AND SPECIFICATIONS.
42. ALL PUBLIC STREET CONSTRUCTION WITHIN RIGHT-OF-WAY CONTROLLED BY THE LOCAL MUNICIPALITY SHALL MEET THEIR STANDARDS. ALL PUBLIC STREET CONSTRUCTION WITHIN RIGHT-OF-WAY CONTROLLED BY THE STATE DEPARTMENT OF TRANSPORTATION SHALL MEET THEIR STANDARDS.
43. STREET SIGNAGE SHALL BE IN ACCORDANCE WITH THE MOST-CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AT THE TIME OF CONSTRUCTION.
44. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL UTILITY NEW CUSTOMER FORM SUBMISSIONS. UTILITY COMPANY REVIEW TYPICALLY CANNOT BEGIN UNTIL ALL NEW CUSTOMER FORMS HAVE BEEN SUBMITTED.
45. CONTRACTOR SHALL REFER TO THE MUNICIPALITY'S TECHNICAL STANDARDS AND SPECIFICATIONS FOR GUIDANCE ON MUNICIPAL-SPECIFIC DETAILS.

EXISTING UTILITY NOTES

1. THE EXISTING UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. LOCATION, SIZE, AND MATERIAL SHOWN ON THE UTILITIES AREA FROM AVAILABLE RECORDS AND FIELD MARKINGS, SUPPLIED BY THE RESPECTIVE UTILITY COMPANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING UTILITIES DAMAGED DURING THE COURSE OF CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY OWNER AND FOR ANY RESULTING CONTINGENT DAMAGE AND COST. THE INDIANA UNDERGROUND PLANT PROTETION SERVICE (IUPPS) MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION FOR VERIFICATION OF LOCATION, SIZE, AND MATERIAL FOR EXISTING UNDERGROUND UTILITIES (INDIANA 811 OR 1-800-382-5544).
2. SIZE, MATERIAL, DEPTH AND LOCATION OF KNOWN EXISTING SEWER FACILITIES ARE FROM AVAILABLE HISTORIC INFORMATION AND ABOVE-GROUND INSPECTION AND MEASUREMENT. THE CONTRACTOR SHALL VERIFY ALL SEWER INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS PRIOR TO ANY CONSTRUCTION WHICH WOULD BE IMPACTED BY FACILITIES NOT LOCATED AS SHOWN IN THE CONTRACT DOCUMENTS. THE COST TO CORRECT ANY FACILITIES INSTALLED PRIOR TO VERIFICATION OF EXISTING CONDITIONS BY THE CONTRACTOR SHALL BE AT NO COST TO THE OWNER OR ENGINEER. DIFFERING CONDITIONS DISCOVERED DURING VERIFICATION WILL BE HANDLED PER THE CONTRACT DOCUMENTS.
3. IF UTILITY FACILITIES OTHER THAN THOSE SHOWN ARE LOCATED, OR IF UTILITIES ARE LOCATED WHICH ARE NOT IN ACCORDANCE WITH THE LOCATIONS SHOWN ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED TO DETERMINE IF PLAN REVISIONS ARE NEEDED.
4. IN GENERAL, UTILITY SERVICE LINES TO INDIVIDUAL CUSTOMERS ARE NOT SHOWN ON THE PLANS. CONTRACTOR SHALL ASSUME THAT UNDERGROUND SERVICE LINES EXIST TO EACH PROPERTY ALONG PROJECT ROUTE OR AREA FOR WATER, SANITARY SEWER, GAS, ELECTRIC, TELEPHONE, AND FIBER OPTIC. THE CONTRACTOR SHALL LOCATE, PROTECT, AND IF DAMAGED BY CONTRACTOR, REPAIR ALL UTILITY SERVICE LINES ENCOUNTERED.
5. CONTRACTOR' SHALL MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY UTILITY WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE OWNER AND THE APPLICABLE UTILITY OWNER.
6. THE CONTRACTOR SHALL MAKE PROVISIONS TO MAINTAIN FLOWS IN ALL SANITARY, COMBINED SEWERS, AND OVERFLOWS AT ALL TIMES. BYPASS PUMPING OR ALTERNATE PROVISIONS MAY BE REQUIRED AND SHALL BE SUFFICIENT TO CONVEY FLOWS UNDER ALL CONDITIONS. ALL COSTS ASSOCIATED WITH MAINTAINING SAID FLOWS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WATER MAIN NOTES & SPECIFICATIONS

1. THE TOWN OF UPLAND TECHNICAL STANDARDS AND SPECIFICATIONS SHALL GOVERN ALL PROPOSED WATER LINES.
2. ALL WATER MAINS, FITTINGS, AND VALVES SHALL BE DUCTILE IRON CEMENT-LINED PRESSURE CLASS 350 WITH RUBBER GASKET PUSH-ON JOINTS IN ACCORDANCE WITH ANSI A-21.51 AND AWWA C151, BE POLYETHYLENE ENCASED PER INDIANA ADMINISTRATIVE CODE (IAC) SECTION 327 8-3.2-8.
3. WATER MAIN JOINTS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C111. MECHANICAL JOINTS SHALL BE RESTRAINED.
4. WATER MAIN MAY BE PVC C900 DR-18 ONLY IF NOTED WITHIN THESE PROJECT DRAWINGS.
5. WHEN WATER MAINS CROSS ANY EXISTING OR PROPOSED SANITARY OR STORM SEWERS (SEWERS), THERE SHALL BE AT LEAST EIGHTEEN (18) INCHES OF VERTICAL SEPARATION BETWEEN THE OUTSIDE EDGE OF THE WATER MAIN AND THE OUTSIDE EDGE OF THE SEWER. THIS SHALL BE THE CASE WHERE WATER MAINS CROSS ABOVE OR BELOW SEWERS. THIS CROSSING MUST BE AT A MINIMUM ANGLE OF FORTY-FIVE (45) DEGREES MEASURED FROM THE CENTERLINE OF EACH. ALL THESE CONDITIONS SPECIFIED SHALL BE MAINTAINED FOR A MINIMUM DISTANCE OF TEN (10) FEET FROM EITHER SIDE OF THE WATER MAIN. IF VERTICAL SEPARATION SPECIFIED HEREIN CANNOT BE MET, THEN THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY REQUIREMENTS AS SPECIFIED IN THE IAC SECTIONS 327 8-3.2-8, 9, AND 17(A).
6. CONTRACTOR SHALL REFER TO IAC SECTION 327-3 AND 327-8 FOR ADDITIONAL SEPARATION REQUIREMENTS BETWEEN WATER MAINS AND SEWERS.
7. ALL WATER MAIN SHALL BE INSTALLED IN ACCORDANCE WITH IAC SECTION 327 8-3.2-17. THE CONTRACTOR SHALL PROVIDE PRESSURE AND LEAK TESTING RESULTS CONFORMING TO IAC SECTION 327 8-3.2-17(a).
8. ALL WATER MAIN SHALL BE DISINFECTED IN ACCORDANCE WITH IAC SECTION 327 8-3.2-18/
9. ALL WATER MAIN SHALL BE INSTALLED WITH A MINIMUM OF TWO (2) SETS OF 12-GAUGE SOLID COPPER TRACER WIRE WITH UNDERGROUND DETECTABLE WARNING TAPE. THE WIRE SHALL BE CONTINUOUS THROUGH THE VAULTS AND BOXES AND SHALL BE ACCESSIBLE AT GRADE WITHIN THE VALVE FRAME OR BOX.
10. WATER SERVICE SIZES SHALL BE DETERMINED BY BUILDING REQUIREMENTS.
11. WATER SERVICES SHALL HAVE AN OUTSIDE SHUT-OFF VALVE LOCATED PER THE DIRECTION OF THE MUNICIPALITY. SEPARATE SERVICES AND SHUT-OFFS ARE REQUIRED FOR DOMESTIC SERVICE AND FIRE PROTECTIONS, UNLESS OTHERWISE SPECIFIED BY THE MUNICIPALITY.



**COMMONWEALTH  
ENGINEERS, INC.**  
A MEMBER FIRM OF THE COMMONWEALTH ENGINEERS GROUP, INC.

<https://commonwealthengineers.com/>

OFFICE LOCATIONS IN:  
INDIANAPOLIS, IN (2)  
EVANSVILLE, IN  
FORT WAYNE, IN  
CROWN POINT, IN  
BOWLING GREEN, KY  
SOUTH BEND, IN

PRELIMINARY  
INFO PURPOSES ONLY

Signature \_\_\_\_\_ Date \_\_\_\_\_

TOWN OF UPLAND  
GRANT COUNTY, INDIANA

WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING

© 2025 BY COMMONWEALTH ENGINEERS, INC. ALL RIGHTS RESERVED. REPRODUCTION BY ANY METHOD IN WHOLE OR IN PART WITHOUT PERMISSION IS PROHIBITED.



Know what's below. 811 before you dig.  
1-800-382-5544  
(IT'S THE LAW)

|                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |
|----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| No.                  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Submittal / Revision |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |
| By:                  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |
| Date                 |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |

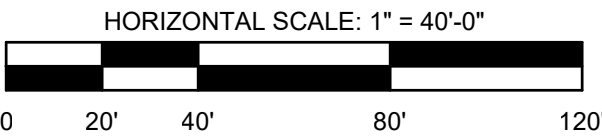
|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

GENERAL NOTES & SPECIFICATIONS

DRAWING NO.:  
**G3.0**

Sheet: 2 OF 15





**OFFICE LOCATIONS IN:**  
INDIANAPOLIS, IN. (2)  
EVANSVILLE, IN.  
FORT WAYNE, IN.  
CROWN POINT, IN.  
BOWLING GREEN, KY.  
SOUTH BEND, IN.

**PRELIMINARY  
PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2025 BY COMMONWEALTH  
ENGINEERS, INC. ALL RIGHTS  
RESERVED. REPRODUCTION  
BY ANY METHOD IN WHOLE  
OR IN PART WITHOUT  
PERMISSION IS PROHIBITED



Know what's below. 811 before you dig.  
1-800-382-5544  
(IT'S THE LAW)

[illegible]

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

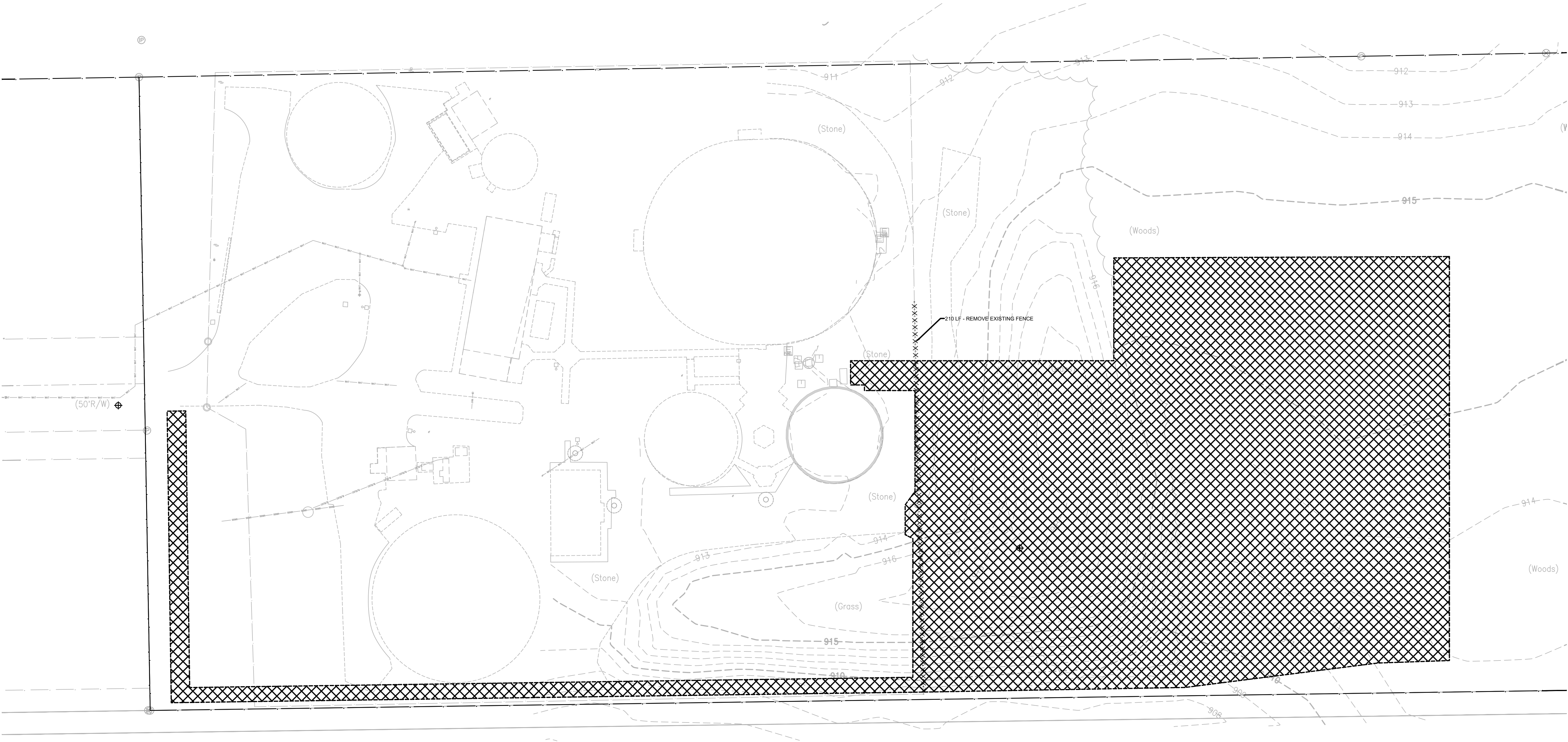
EXISTING CONDITIONS  
40 SCALE

DRAWING NO.:

## C1.0

Sheet: 4 OF 15



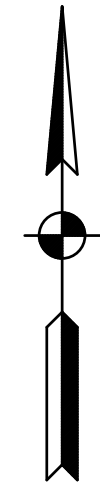
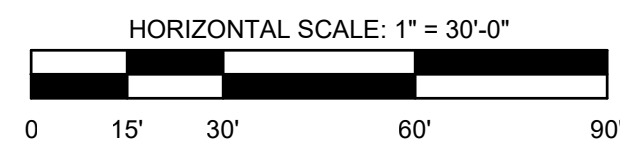


LEGEND

- CLEARING & GRUBBING
- ITEM REMOVAL
- LINEAR REMOVAL

NOTES

- ALL PERMITS MUST BE APPROVED PRIOR TO DEMOLITION ACTIVITY.
- TOWN OF UPLAND TO REMOVE TREES WITHIN SITE PLAN FOOTPRINT.



**COMMONWEALTH ENGINEERS, INC.**  
A member of the Commonwealth Engineers Group, Inc.  
<https://commonwealthengineers.com/>

OFFICE LOCATIONS IN:  
INDIANAPOLIS, IN (2)  
EVANSVILLE, IN  
FORT WAYNE, IN  
CROWN POINT, IN  
BOWLING GREEN, KY  
SOUTH BEND, IN

**PRELIMINARY  
INFO PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2025 BY COMMONWEALTH ENGINEERS, INC. ALL RIGHTS RESERVED. REPRODUCTION BY ANY METHOD IN WHOLE OR IN PART WITHOUT PERMISSION IS PROHIBITED.

Know what's below. 811 before you dig.  
1-800-382-5544  
(IT'S THE LAW)

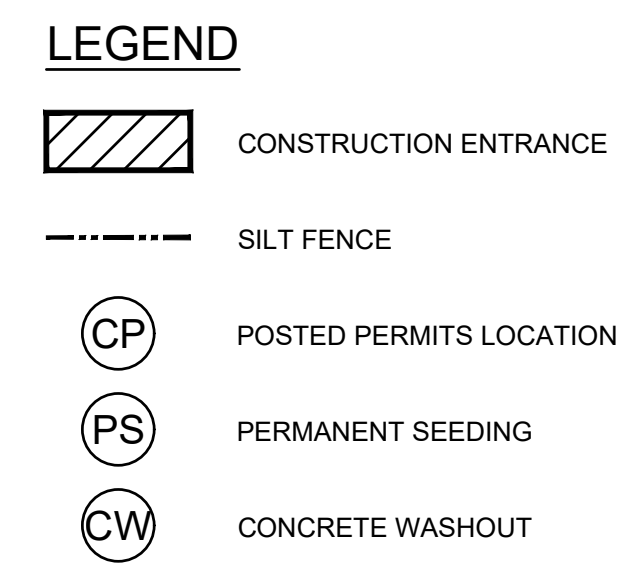
| No. | Submittal / Revision | By | Date |
|-----|----------------------|----|------|
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |
|     |                      |    |      |

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

**EROSION CONTROL  
PLAN**

DRAWING NO.:  
**C2.0**

Sheet: 6 OF 15



1. CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH THIS EROSION CONTROL PLAN AND THE LATEST INDIANA STORM WATER QUALITY MANUAL. MEASURES MUST BE IMPLEMENTED PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES.
2. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE EROSION CONTROL PLAN. ANY FINES OR PUNITIVE INCURRED IN THE COURSE OF THE PROJECT DUE TO FAILURE TO COMPLY WITH THE EROSION CONTROL PLAN ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE COSTS SHALL BE INCIDENTAL.
3. DURING THE COURSE OF CONSTRUCTION, LOCAL ENFORCEMENT OF THE EROSION CONTROL PLAN MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES TO BE INSTALLED TO ADDRESS SITE-SPECIFIC ITEMS NOT ANTICIPATED BY THIS PLAN. THESE ITEMS SHALL BE CONSIDERED AN EXTRA AT THE COST OF OWNER.
4. CORRECTIVE WORK AND MAINTENANCE SHALL BE CONSIDERED INCIDENTAL AND NOT AN EXTRA.

1.50 ACRES



**OFFICE LOCATIONS IN:**  
INDIANAPOLIS, IN. (2)  
EVANSVILLE, IN.  
FORT WAYNE, IN.  
CROWN POINT, IN.  
BOWLING GREEN, KY.  
SOUTH BEND, IN.

**PRELIMINARY  
PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2025 BY COMMONWEALTH ENGINEERS, INC. ALL RIGHTS RESERVED. REPRODUCTION BY ANY METHOD IN WHOLE OR IN PART WITHOUT PERMISSION IS PROHIBITED



1-800-382-5544  
(IT'S THE LAW)

[illegible]

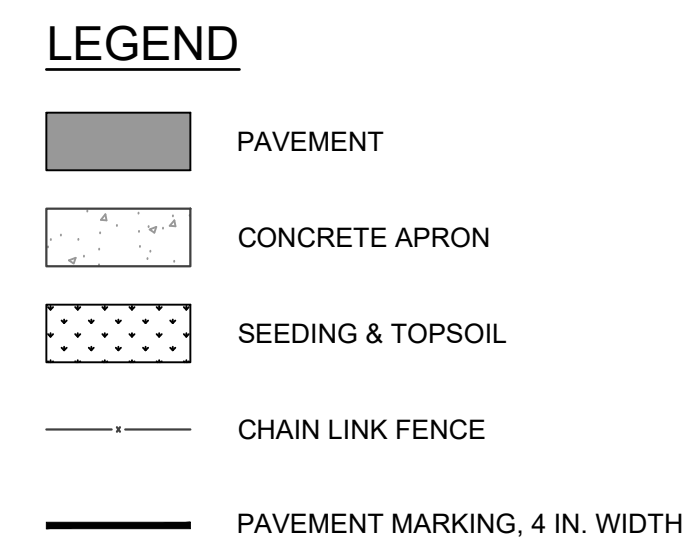
|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

DEMOLITION PLAN

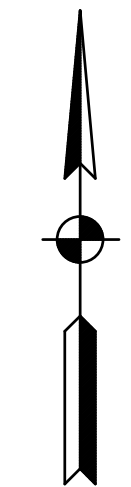
DRAWING NO.:

## C2.1

Sheet: 7 OF 15



- HORIZONTAL SCALE: 1" = 30'-0"
- 
- A horizontal scale bar with a black and white checkerboard pattern. It is marked with 0, 15', 30', 60', and 90'.



**COMMONWEALTH<sup>TM</sup>  
ENGINEERS, INC.**

A wealth of resources is made a common goal.

<http://commonwealthengineers.com/>

**OFFICE LOCATIONS IN:**

- INDIANAPOLIS, IN (2)
- EVANSVILLE, IN
- FORT WAYNE, IN
- CROWN POINT, IN
- BOWLING GREEN, KY
- SOUTH BEND, IN

**PRELIMINARY  
INFO PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2005 BY COMMONWEALTH  
ENGINEERS, INC. ALL RIGHTS  
RESERVED. REPRODUCTION  
BY ANY METHOD IN WHOLE  
OR IN PART WITHOUT  
PERMISSION IS PROHIBITED

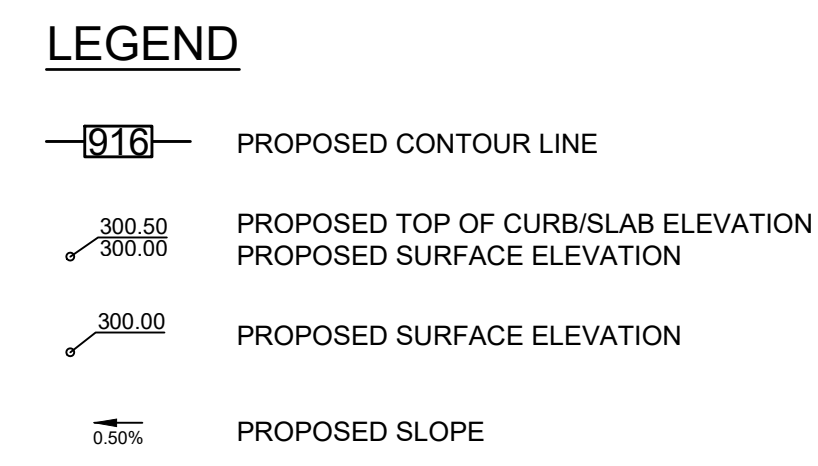
[illegible]

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

**SITE PLAN**

DRAWING NO.:  
**C3.0**

Sheet: 8 OF 15



1. GRADING PLAN DESIGN TO GENERALLY GRADE AWAY FROM STRUCTURES AND TOWARDS SOUTH EDGE OF SITE, FOLLOWING EXISTING DRAINAGE PATTERNS.
2. SEE ARCHITECTURAL PLANS FOR PROPOSED BUILDING DETAILS.



**PRELIMINARY  
INFO PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

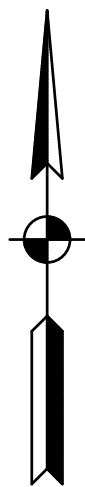
© 2005 BY COMMONWEALTH  
ENGINEERS, INC. ALL RIGHTS  
RESERVED. REPRODUCTION  
BY ANY METHOD IN WHOLE  
OR IN PART WITHOUT  
PERMISSION IS PROHIBITED

[illegible]

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

## GRADING PLAN

DRAWING NO.:  
**C4.0**  
Sheet: 9 OF 15



**OFFICE LOCATIONS IN:**  
INDIANAPOLIS, IN. (2)  
EVANSVILLE, IN.  
FORT WAYNE, IN.  
CROWN POINT, IN.  
BOWLING GREEN, KY.  
SOUTH BEND, IN.

**PRELIMINARY  
INFO PURPOSES ONLY**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

# Indiana811

Know what's below. 811 before you dig.  
1-800-382-5544  
(IT'S THE LAW)

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

## UTILITY PLAN

DRAWING NO.:

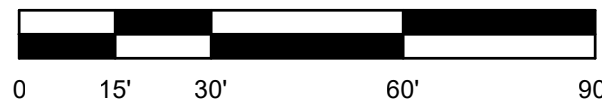
## C5.0

Sheet: 10 OF 15

|                                 |                        |       |                                 |
|---------------------------------|------------------------|-------|---------------------------------|
| —————                           | STORM SEWER            | ----- | TELECOMMUNICATION SERVICE ROUTE |
| - . - . - . - . - . - . - . - . | SANITARY SEWER         |       |                                 |
| -----                           | WATER SERVICE ROUTE    |       |                                 |
| -----                           | ELECTRIC SERVICE ROUTE |       |                                 |
| -----                           | GAS SERVICE ROUTE      |       |                                 |

1. UTILITY ROUTES SHALL BE COORDINATED WITH APPLICABLE UTILITY SERVICE PROVIDER.
2. CONTRACTOR SHALL COORDINATE UTILITY SERVICE CONNECTIONS WITH UTILITY SERVICE PROVIDER.
3. PAVEMENT AREAS WILL SHEET FLOW TO VEGETATED AREAS.
4. BUILDING DOWNSPOUTS WILL DAYLIGHT AND SHEET FLOW TO VEGETATED AREAS.
5. ALL DRAIN TILES THAT ACTIVELY SERVE OFF-SITE AREAS SHALL BE TIED INTO THE PROPOSED STORMWATER MANAGEMENT SYSTEM OR DAYLIGHTED TO ALLOW FOR POSITIVE DRAINAGE. ALL DRAIN TILES DEEMED TO BE NON-FUNCTIONING OR ONLY SERVICE THE SUBJECT PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY. NO DRAIN TILES SHALL BE ABANDONED IN PLACE.

HORIZONTAL SCALE: 1" = 30'-0"



Sheet: 11 OF 15

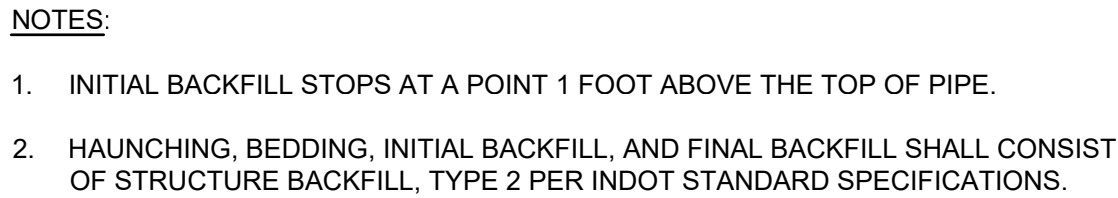
1. FUELS, OILS, GREASE, OR OTHER PETROLEUM PRODUCTS MUST BE STORED IN APPROPRIATE AND APPROVED AREAS. PREVENTATIVE MAINTENANCE WILL BE REQUIRED FOR ON-SITE EQUIPMENT. HAZARDOUS MATERIALS WILL BE REQUIRED TO BE STORED IN A FIELD TRAILER TO AVOID ANY OUTSIDE STORAGE.
2. ALL FUEL IS TO BE CONTAINED IN A MOBILE SERVICE TRUCK OR IN THE CONSTRUCTION EQUIPMENT OPERATING ON-SITE. SMALL CONTAINERS OF OILS, GREASE, AND RELATED PRODUCTS MAY BE STORED IN THE CONTRACTOR'S CONSTRUCTION TRAILER. THESE ITEMS WILL BE REQUIRED TO BE INSPECTED REGULARLY TO ENSURE PROPER STORAGE AND HANDLING, AND TO GUARD AGAINST LEAKAGE. DEFECTIVE CONTAINERS WILL BE REMOVED FROM THE PROJECT SITE IMMEDIATELY.

1. PERMANENT SEEDING SHALL BE PLACED IMMEDIATELY AFTER FINISH GRADING. ONCE THE SEED IS ESTABLISHED AND THE GROUND IS STABILIZED, ALL STORM WATER POLLUTION PREVENTION (SWPPP) MEASURES SHOULD BE REMOVED.
2. PREPARATION OF SEEDBED(S) REQUIRES THAT IT BE FREE OF OBJECTIONABLE MATERIALS AND BE LEFT IN A SMOOTH AND UNIFORM APPEARANCE, THAT IS AESTHETICALLY SATISFACTORY TO THE OWNER.
3. PRIOR TO START OF PREPARATION OF SEEDING, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SHEDS, TOOLS, EQUIPMENT, AND OTHER OBJECTS LARGER THAN 3/4 INCHES (19 mm) IN GREATEST DIAMETER FROM THE AREA TO BE SEED. THE AREAS TO BE SEED SHALL BE LOOSEND AND REWORKED BY MEANS OF DISKING, HARROWING, AND ROLLING; OR REWORKED BY MEANS OF A POWERED ROTARY TILLER; SO THAT THE GROUND WILL BE LEFT IN A SATISFACTORY MANNER READY FOR SEEDING. THE SURFACE OF THE AREA TO BE SEED SHALL BE LEFT SMOOTH AND UNIFORM WHICH CONFORMS TO THE FINISHED GRADES AND CROSS SECTIONS AS SHOWN ON THE PLANS AND WITHOUT DEPRESSIONS OR IRREGULARITIES; OR AS OTHERWISE SPECIFIED.
4. AFTER THE SEED HAS BEEN SOWN AND PRIOR TO COMPACTING, THE LAWN AREA SHALL BE CLEARED OF ALL CONSTRUCTION MATERIALS AND DEBRIS, STONES, OR OTHER OBJECTS LARGER THAN 3/4 INCHES (19 mm) IN GREATEST DIAMETER, AND ALL WIRE, ROOTS BRUSH, STUMPS, OR OTHER OBJECTS THAT MAY INTERFERE WITH SUBSEQUENT MOWING OPERATIONS.
5. SPRING SEEDING SHALL BE PERFORMED BETWEEN MARCH 1 AND MAY 15. FALL SEEDING SHALL BE PERFORMED BETWEEN AUGUST 15 AND OCTOBER 15. DURING THESE PERIODS, THE TIME OF SEEDING SHALL BE DETERMINED BY THE ENGINEER OR RESIDENT PROJECT REPRESENTATIVE WHOSE DECISION SHALL BE BASED ON THE MOISTURE CONTENT OF THE SOIL AND WEATHER CONDITIONS. THE ENGINEER OR RESIDENT PROJECT REPRESENTATIVE MAY, AT THEIR OPTION, EXTEND THE SEEDING SEASON. MULCHED SEEDING MAY BE PERFORMED BETWEEN MARCH 1 AND OCTOBER 15 WITH THE POSSIBILITY TO EXTEND PERIOD LATER INTO FALL (AFTER OCTOBER 15).
6. UNLESS OTHERWISE SPECIFIED, THE FOLLOWING PURE LIVE SEEDS SHALL BE MIXED AND APPLIED AT THE RATE OF ONE HUNDRED-TWENTY (120) POUNDS PER ACRE (2.8 POUNDS PER 1,000 SQUARE FEET):

## SEEDING MIXES FOR GROUND REPAIR

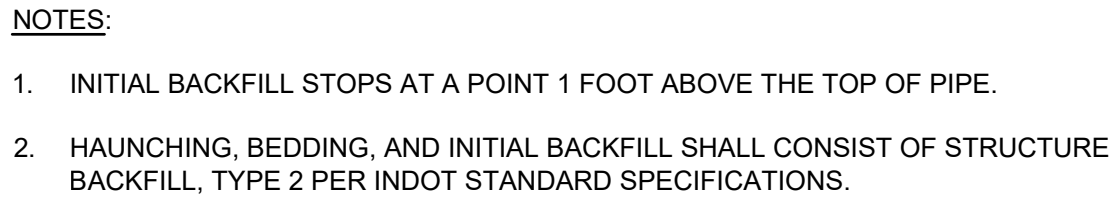
1. LEGUME SEED SHOULD BE INOCULATED;
2. SEEDING MIXTURES CONTAINING LEGUMES SHOULD BE SPRING SEEDDED, ALTHOUGH THE GRASS MAY BE FALL SEEDDED AND THE LEGUME FROST SEEDDED. IF LEGUMES ARE FALL SEEDDED, DO SO IN EARLY FALL.





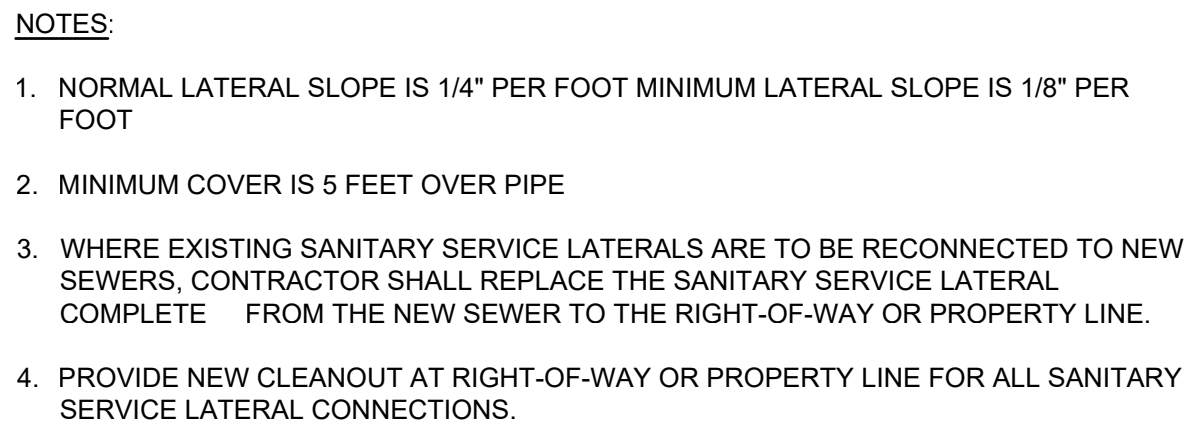
NO SCALE

FOR TRENCH IN PAVEMENT AREAS



NO SCALE

FOR TRENCH IN GRASSED/LANDSCAPED AREAS



NO SCALE

**PRELIMINARY  
INFO PURPOSES ONLY**

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2025 BY COMMONWEALTH ENGINEERS, INC. ALL RIGHTS RESERVED. REPRODUCTION BY ANY METHOD IN WHOLE OR IN PART WITHOUT PERMISSION IS PROHIBITED

[illegible]

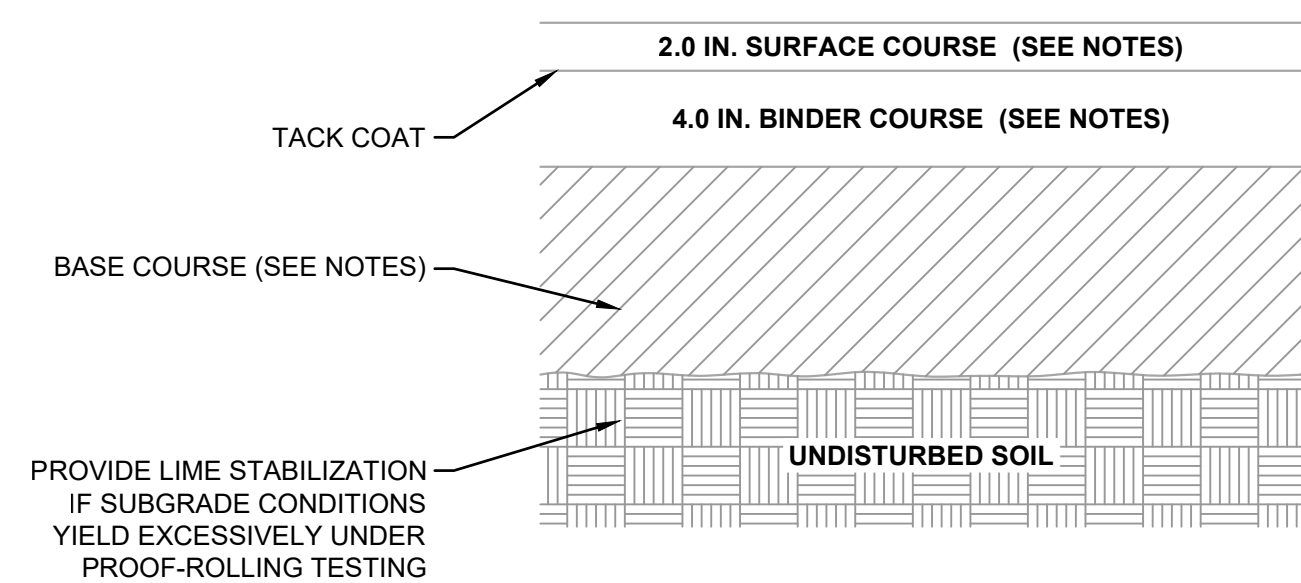
## CONSTRUCTION DETAILS

DRAWING NO.:

# CD1.0

Sheet: 13 OF 15





**2.0 IN. SURFACE COURSE (SEE NOTES)**

**4.0 IN. BINDER COURSE (SEE NOTES)**

BASE COURSE (SEE NOTES)

PROVIDE LIME STABILIZATION  
IF SUBGRADE CONDITIONS  
YIELD EXCESSIVELY UNDER  
PROOF-ROLLING TESTING

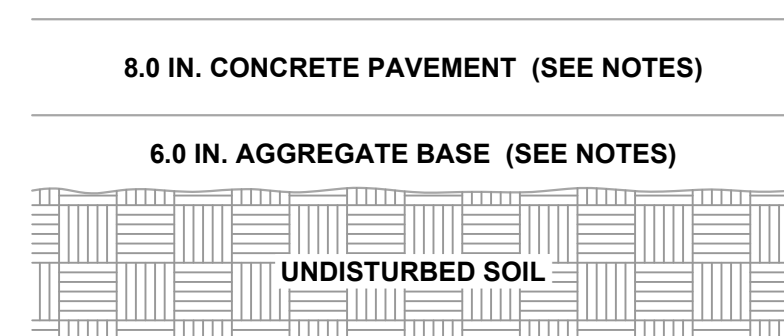
**UNDISTURBED SOIL**

NOTES:

1. PAVEMENT SECTION SHALL CONSIST OF:  
  
220 LBS/SYS HMA, SURFACE, TYPE B, 9.5 mm ON  
440 LBS/SYS HMA, INTERMEDIATE, TYPE B, 19.0 mm ON  
8 IN. No. 53 COMPACTED AGGREGATE (LIMESTONE) BASE OVER  
GEOTEXTILE FOR PAVEMENT, TYPE 2B
2. SUBGRADE SHALL BE PROOF-ROLLED AND RESULTS REPORTED TO ENGINEER PRIOR TO PLACEMENT OF PAVEMENT SECTION.
3. IN CASE OF FAILING PROOF-ROLL RESULTS, WORK ACTIVITIES SHALL BE STOPPED IMMEDIATELY AND TEST RESULTS REPORTED TO ENGINEER. OWNER SHALL NOT PAY FOR COST OF PAVEMENT CONSTRUCTED ON SUBGRADE THAT FAILS PROOF-ROLLING AND IS NOT REPORTED TO ENGINEER.

## PAVEMENT CROSS SECTION

NO SCALE



6.0 IN. AGGREGATE BASE (SEE NOTES)

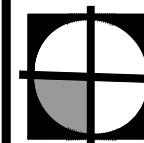
**UNDISTURBED SOIL**

## NOTES

1. CONCRETE APRON SECTION SHALL CONSIST OF:  
  
        PCCP, 8.0 IN ON  
        8 IN. No. 53 COMPACTED AGGREGATE (LIMESTONE) BASE OVER  
        GEOTEXTILE FOR PAVEMENT, TYPE 2B
2. SUBGRADE SHALL BE PROOF-ROLLED AND RESULTS REPORTED TO  
ENGINEER PRIOR TO PLACEMENT OF CONCRETE APRON SECTION.
3. IN CASE OF FAILING PROOF-ROLL RESULTS, WORK ACTIVITIES SHALL BE  
STOPPED IMMEDIATELY AND TEST RESULTS REPORTED TO ENGINEER.  
OWNER SHALL NOT PAY FOR COST OF PAVEMENT CONSTRUCTED ON  
SUBGRADE THAT FAILS PROOF-ROLLING AND IS NOT REPORTED TO  
ENGINEER.

### CONCRETE APRON SECTION

NO SCALE



**COMMONWEALTH<sup>TM</sup>**  
**ENGINEERS, INC.**  
A wealth of resources to make a common road.

<https://commonwealthengineers.com/>

**OFFICE LOCATIONS IN:**  
INDIANAPOLIS, IN. (2)  
EVANSVILLE, IN.  
FORT WAYNE, IN.  
CROWN POINT, IN.  
BOWLING GREEN, KY.  
SOUTH BEND, IN.

**PRELIMINARY  
INFO PURPOSES ONLY**

Signature \_\_\_\_\_

Date \_\_\_\_\_

**TOWN OF UPLAND  
GRANT COUNTY, INDIANA  
WASTEWATER TREATMENT  
PLANT UTILITY STORAGE  
BUILDING**

© 2025 BY COMMONWEALTH  
ENGINEERS, INC. ALL RIGHTS  
RESERVED. REPRODUCTION  
BY ANY METHOD IN WHOLE  
OR IN PART WITHOUT  
PERMISSION IS PROHIBITED



Know what's below. 811 before you dig.  
1-800-382-5544  
(IT'S THE LAW)

[illegible]

|                         |                       |                    |
|-------------------------|-----------------------|--------------------|
| Designed By:<br>RNM     | Drawn By:<br>RNM      | Checked By:<br>JDH |
| Issue Date:<br>11/06/25 | Project No:<br>M25161 | Scale:<br>AS SHOWN |

## CONSTRUCTION DETAILS

DRAWING NO.:

## CD1.2

Sheet: 15 OF 15