

# OVERALL GENERAL PROJECT NOTES

- NOT ALL GAS, POWER, OR TELEPHONE LINES, WHETHER ABOVE OR BELOW GROUND, HAVE BEEN SHOWN ON THE DRAWINGS. ANY UNDERGROUND INFORMATION SHOWN ON THE DRAWINGS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONTRACTOR'S BENEFIT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR PROTECTING ALL UTILITIES IN HIS WORK AREA, WHETHER SHOWN OR NOT, AND MUST REALIZE THAT THE ACTUAL LOCATION OF THE UTILITIES MAY BE DIFFERENT FROM THAT SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES ENCOUNTERED IN THE WORK, WHETHER IN PUBLIC RIGHTS OF WAY OR ON PRIVATE PROPERTY, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ANY UTILITIES WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION TO SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR WITH THE PERMISSION OF THE UTILITY, IF MINOR CONFLICTS ARISE. THE CONTRACTOR MAY SHIFT THE PROPOSED LOCATION OF THE INSTALLATION OF THE WORK. BEFORE WORKING WITH OR AROUND UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE NOTIFIED BY THE CONTRACTOR.
- SAFETY PROVISIONS FOR THE WORK SHALL BE IN FULL COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF THE INDIANA OSHA AND ANY OTHER LOCAL STATE OR FEDERAL AGENCY HAVING JURISDICTION. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. CONTRACTOR SHALL AT MINIMUM, PROVIDE TRAFFIC CONTROL AS REQUIRED TO SAFELY PROTECT THE GENERAL PUBLIC, THE CONTRACTOR'S WORK FORCES AND THE WORK. TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, STANDARD DETAILS AND GENERAL INSTRUCTIONS TO FIELD EMPLOYEES. THE REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS. THE OPTION OF THE OWNER AND/OR ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, FENCES, WARNING SIGNS, FLASHING LIGHTS, TEMPORARY WALKWAYS, AND TRAFFIC CONTROL DURING CONSTRUCTION. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS, REQUIREMENTS, SAFETY MEETING REQUIREMENTS AND AGENCY REQUIREMENTS FOR TRAFFIC CONTROL AND SAFETY PRECAUTIONS. THERE WILL BE NO SEPARATE OR ADDITIONAL PAYMENT FOR THIS WORK.
- WHERE PROPERTY MARKERS, SECTION CORNERS, SURVEY MARKS OR BENCHMARKS, SUCH AS STONES, PIPES, OR OTHER

- SUCH MONUMENTS ARE ENCOUNTERED AND CONFLICT WITH THE WORK, THE ENGINEER SHALL BE NOTIFIED BEFORE THEY ARE DISTURBED. THE MARKERS SHALL BE PROTECTED AFTER THE OWNER, ENGINEER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR REFERENCED THEIR LOCATIONS.
- ALL MATERIALS DENOTED "SALVAGED" SHALL BE STORED AND PROTECTED AT THE SITE FOR THE OWNER TO COLLECT OR FOR THE CONTRACTOR TO RE-USE AS INDICATED.
- THERE SHALL BE NO CHANGES WITHOUT WRITTEN APPROVAL OF ENGINEER.
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.
- REMOVE AND BACKFILL ALL AREAS WHERE ANY FIELD TILE CROSSES PROPOSED HOUSE PADS. ALL FIELD TILES INTERCEPTED TO BE PERPETUATED INTO STORM SEWER SYSTEM OR LAKE. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER AND THE ENGINEER IN ANY CIRCUMSTANCES WHERE THIS CANNOT BE ACCOMPLISHED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS.
- CONTRACTOR SHALL STAMP THE LETTER "S" AND "W" IN THE CURB PERPENDICULAR TO THE LATERAL MARKER.
- STRUCTURES RECEIVING SUB-SURFACE DRAIN (SSD) SHALL HAVE BOTH PORTS CORE DRILLED. "T" OR "Y" BLIND CONNECTIONS ARE NOT ALLOWED.
- ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY".
- STRUCTURAL FILL: SHALL BE COMPACTED TO AT LEAST 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). SHALL BE FREE OF ORGANIC MATERIAL, DEBRIS, DELETERIOUS MATERIALS AND FROZEN SOLIDS.
- DURING CONSTRUCTION, WHEN ENCOUNTERED, EXISTING FARM FIELD TILE DRAINING SOUTHEASTERLY, SHALL BE REMOVED ALL THE WAY TO THE PROPOSED 40' HALF RIGHT-OF-WAY LINE (WESTERN RIGHT-OF-WAY LINE OF CR 650W) AND PLUGGED WITH CONCRETE.

## LEGEND:

| EXISTING                                   | PROPOSED                                   |
|--------------------------------------------|--------------------------------------------|
| RIGHT-OF-WAY LINE                          | RIGHT-OF-WAY LINE                          |
| EASEMENT LINE                              | EASEMENT LINE                              |
| SETBACK LINE                               | SETBACK LINE                               |
| CENTERLINE                                 | CENTERLINE                                 |
| SWALE / FLOWLINE                           | SWALE / FLOWLINE                           |
| CURB UNDERDRAIN                            | CURB UNDERDRAIN                            |
| SWALE UNDERDRAIN                           | SWALE UNDERDRAIN                           |
| W/ LOT LATERAL                             | W/ LOT LATERAL                             |
| SANITARY SEWER                             | SANITARY SEWER                             |
| STORM SEWER                                | STORM SEWER                                |
| STORM CULVERT                              | STORM CULVERT                              |
| WATER MAIN                                 | WATER MAIN                                 |
| GAS MAIN                                   | GAS MAIN                                   |
| TELEPHONE LINE                             | TELEPHONE LINE                             |
| OVER HEAD UTILITY                          | OVER HEAD UTILITY                          |
| CONTOUR, MAJOR                             | CONTOUR, MAJOR                             |
| CONTOUR, MINOR                             | CONTOUR, MINOR                             |
| FENCE                                      | FENCE                                      |
| TREE LINE                                  | TREE LINE                                  |
| SANITARY MANHOLE                           | SANITARY MANHOLE                           |
| STORM MANHOLE                              | STORM MANHOLE                              |
| STORM INLET                                | STORM INLET                                |
| STORM END SECTION                          | STORM END SECTION                          |
| FIRE HYDRANT / VALVE                       | FIRE HYDRANT / VALVE                       |
| WATER VALVE                                | WATER VALVE                                |
| POWER POLE                                 | POWER POLE                                 |
| STREET LIGHT                               | STREET LIGHT                               |
| FLOW ARROW                                 | FLOW ARROW                                 |
| EMERGENCY FLOOD ROUTE                      | EMERGENCY FLOOD ROUTE                      |
| SPOT ELEVATION                             | SPOT ELEVATION                             |
| PAVEMENT ELEVATION                         | PAVEMENT ELEVATION                         |
| 2' ROLL CURB                               | 2' ROLL CURB                               |
| A.D.A. HANDICAP RAMP                       | A.D.A. HANDICAP RAMP                       |
| 2' CHAIRBACK CURB & GUTTER (REVERSE SLOPE) | 2' CHAIRBACK CURB & GUTTER (REVERSE SLOPE) |

## ABBREVIATIONS:

|           |                                              |
|-----------|----------------------------------------------|
| BC        | BACK OF CURB                                 |
| CL        | CENTERLINE                                   |
| FG        | FINISHED GRADE                               |
| FL        | FLOW LINE                                    |
| HP        | HIGH POINT                                   |
| INV       | INVERT ELEVATION                             |
| LP        | LOW POINT                                    |
| ME        | MATCH EXISTING GRADE                         |
| NP        | NORMAL POOL (ELEVATION)                      |
| PC        | POINT OF CURVATURE                           |
| PT        | POINT OF TANGENCY                            |
| PVC       | POLYVINYL CHLORIDE PIPE                      |
| PVI       | POINT OF VERTICAL INTERSECTION               |
| RCP       | REINFORCED CONCRETE PIPE                     |
| R/W       | RIGHT-OF-WAY                                 |
| TB        | TOP OF BANK GRADE                            |
| TC        | TOP OF CASTING GRADE                         |
| S.F.      | SQUARE FEET                                  |
| R         | RADIUS                                       |
| B.L.      | BUILDING SETBACK LINE                        |
| R.B.L.    | REAR BUILDING SETBACK LINE                   |
| D.E.      | DRAINAGE EASEMENT                            |
| D.U.&E.   | DRAINAGE AND UTILITY EASEMENT                |
| D.U.&S.E. | DRAINAGE UTILITY AND SANITARY SEWER EASEMENT |
| S.S.E.    | SANITARY SEWER EASEMENT                      |
| L.E.      | LANDSCAPE EASEMENT                           |
| TW        | TOP OF WALL                                  |
| BW        | BOTTOM OF WALL                               |
| CA        | COMMON AREA                                  |
| VAR.      | VARIABLE                                     |
| PAD       | PAD ELEVATION                                |
| MFE       | MINIMUM FINISHED FLOOR ELEVATION             |

## BENCHMARK INFORMATION:

ORIGINATING BENCHMARK: INDOT 48-G-0055  
A BRONZE PLATE IN THE NORTH END OF THE EAST SIDEWALK OF CR 650 W BRIDGE (STR 169-15-05323, NBI 39070) OVER I-69, ALSO 18 FEET SOUTH OF THE NORTH END OF THE BRIDGE  
ELEV = 880.30 (NGVD 29)  
ELEV = 879.87 (NAVD 88)

TBM #1  
SOUTHWEST UPPER BONNET BOLT  
50 FEET SOUTH OF CL 650 SOUTH & 15 FEET WEST OF CL 650 WEST  
ELEV = 870.36 (NAVD 88)

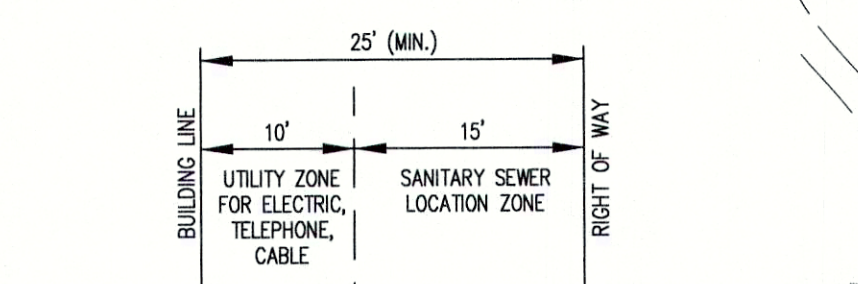
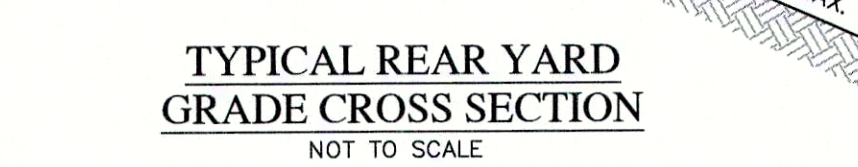
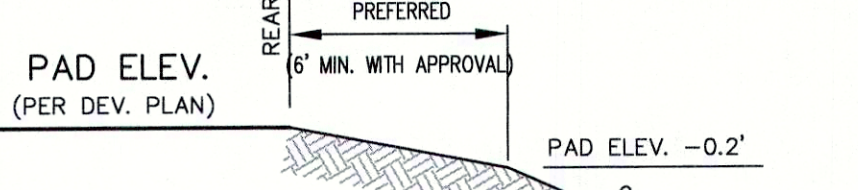
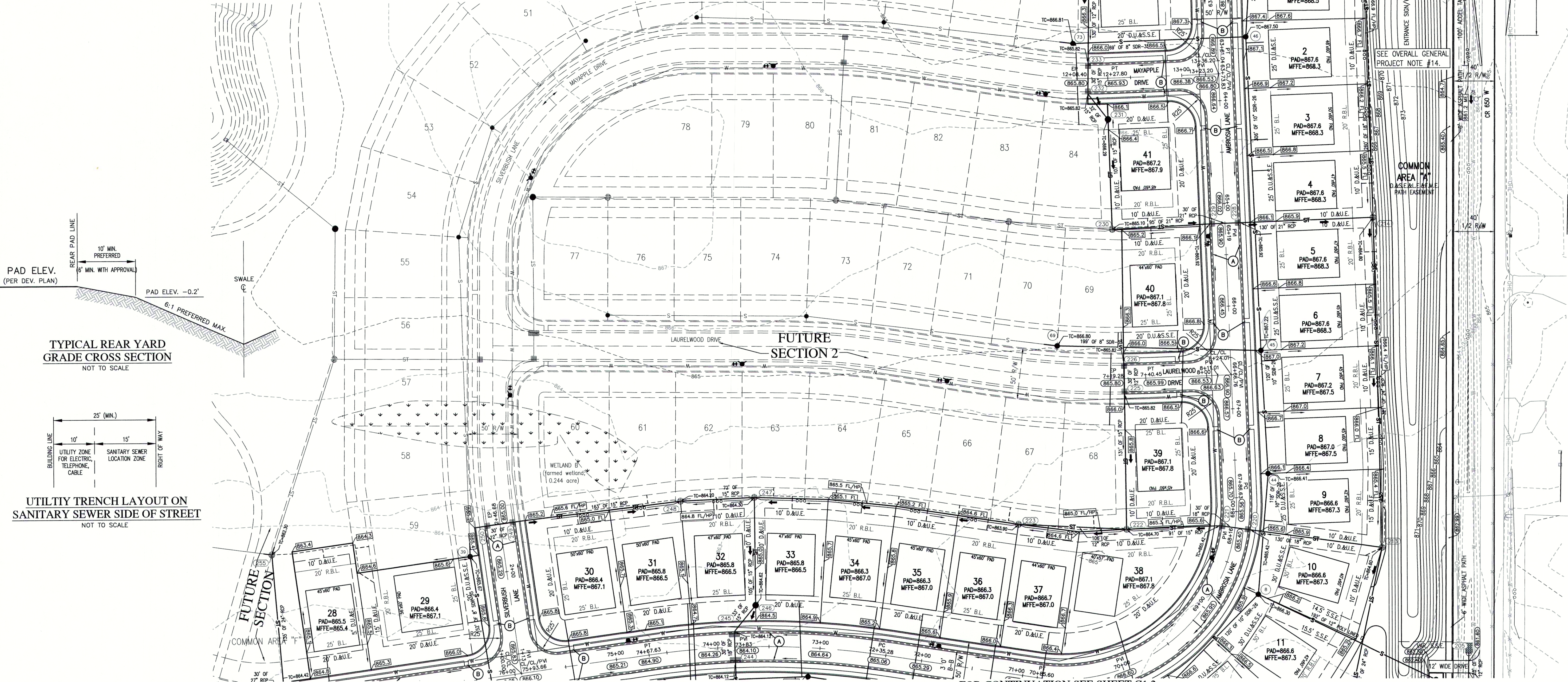
TBM #2  
SOUTHWEST UPPER BONNET BOLT  
670 FEET SOUTH OF CL 800 SOUTH & 15 FEET WEST OF CL 650 WEST  
ELEV = 866.74 (NAVD 88)

TBM #3  
SOUTHWEST UPPER BONNET BOLT  
1665 FEET SOUTH OF CL 800 SOUTH & 17 FEET WEST OF CL 650 WEST  
ELEV = 866.25 (NAVD 88)

TBM #4  
SOUTHWEST UPPER BONNET BOLT  
1290 FEET NORTH OF CL FALK CREEK DRIVE & 17 FEET WEST OF CL 650 WEST  
ELEV = 864.08 (NAVD 88)



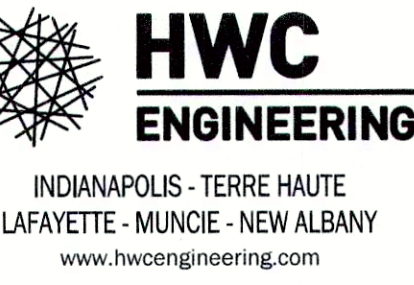
Call 811 or 800-382-5544 Before you Dig!



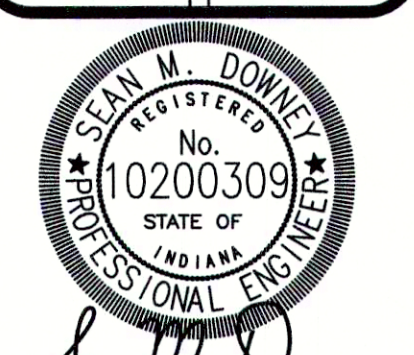
FOR CONTINUATION SEE SHEET C1.2

## REVISIONS

| DATE     | DESCRIPTION                       | BY |
|----------|-----------------------------------|----|
| 03/23/18 | REVISED PER FORMO REVIEW COMMENTS | DC |



## MAPLE TRAILS SECTION 1 DEVELOPMENT PLAN



DRAWN BY  
TO CHECKED BY  
SD  
DATE  
FEBRUARY 12, 2018  
SCALE  
AS SHOWN  
SHEET

JOB NUMBER  
2017-0359-A

C1.1  
DEVELOPMENT PLAN