GRANDMONT ROSEDALE GSI LOT GRANDMONT ROSEDALE DEVELOPMENT CORPORATION 19526, 19534, 19540, 19550 AND 19566 WEST GRAND RIVER AVENUE, DETROIT, MICHIGAN (LOTS 2166, 2167, 2168, 2169, 2170, 2172, 2173, 2174, 2145, 2176, & 2177)

LOCATION MAP



SCHEDULE OF DRAWINGS

C-0.0 C-1.0 C-2.0 C-3.0 C-4.0 C-5.0 C-5.1 C-5.2

SCOPE OF WORK

OVERALL SCOPE OF WORK CONSISTS OF: - INSTALLATION OF GREEN STORMWATER INFRASTRUCTURE AND ASSOCIATED GRADING AND DRAINAGE IMPROVEMENTS AT 19526 W. GRAND RIVER AVE/PARCEL ID: 22007992-3 (LOTS 2166 & 2167), 19534 W. GRAND RIVER AVE/PARCEL ID: 22007990-1 (LOTS 2168 & 2169), 19540 W. GRAND RIVER AVE/PARCEL ID: 22007989 (LOT 2170), 19550 W. GRAND RIVER AVE/PARCEL ID: 22007984-7 (LOTS 2172, 2173, 2174 & 2175), AND 19566 W. GRAND RIVER AVE/PARCEL ID: 22007982-3 (LOTS 2176 & 2177) TO MANAGE STORMWATER RUNOFF. -REPAVING OF EXISTING CONCRETE PARKING LOT AND PUBLIC SIDEWALK AT 19534 W. GRAND RIVER AVE/PARCEL ID: 22007990-1 (LOTS 2168 & 2169). -ADDITION OF CURB CUT AT 19534 W. GRAND RIVER AVE/PARCEL ID: 22007990-1 (LOTS 2168 & 2169), INCLUDING ASSOCIATED STRIPING FOR BIKE LANE ON W. GRAND RIVER AVE.

GREEN STOR -INSTALLATI 2176, & 2177 T -INSTALLATI SUBSURFACE -INSTALLATI AT LOT 2170. -INSTALLATI & 2169 WHICE GRADING TO TO THE BIOR LOT 2170. -INSTALLATI DIRECT FLOW STORM SEWE

Feet

1" = 100' @ 22"x34"

JOB #: 240264

COVER

EXISTING CONDITIONS PLAN AND AERIAL DEMOLITION PLAN SITE LAYOUT AND LANDSCAPE PLAN GRADING AND UTILITY PLAN AND CONSTRUCTION NOTES CONSTRUCTION DETAILS CONSTRUCTION DETAILS

GREEN STORMWATER INFRASTRUCTURE (GSI) IMPROVEMENTS INCLUDE: -INSTALLATION OF A TRENCH DRAIN AT THE REAR OF LOTS 2172, 2173, 2174, 2175, 2176, & 2177 THAT CONNECTS TO GSI AT LOT 2170.

-INSTALLATION OF A BIORETENTION BASIN WITH NATIVE PLANTINGS AND SUBSURFACE STORAGE AT LOT 2170.

-INSTALLATION OF PEDESTRIAN POROUS PAVERS WITH SUBSURFACE STORAGE AT LOT 2170.

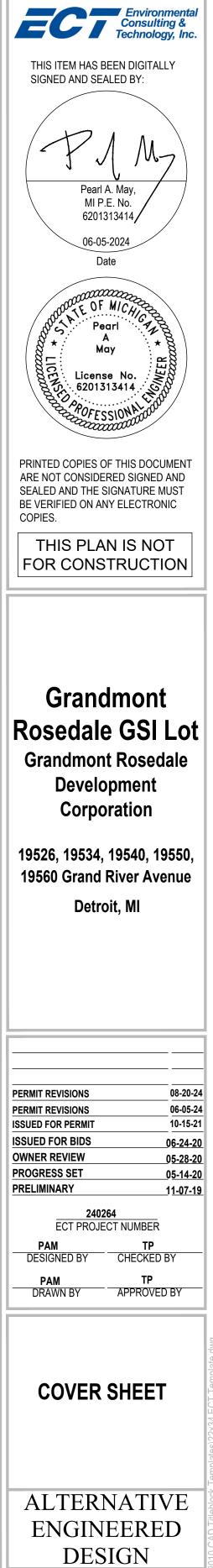
-INSTALLATION OF A COMMERCIAL PARKING LOT AND DRIVEWAY AT LOTS 2168 & 2169 WHICH INCLUDES DRAINAGE STRUCTURES, STORM SEWER, AND SURFACE GRADING TO ROUTE STORMWATER RUNOFF FROM LOTS 2166, 2167, 2168 & 2169 TO THE BIORETENTION BASIN, POROUS PAVING, AND SUBSURFACE STORAGE AT

-INSTALLATION OF A DUMPSTER PAD AT THE REAR OF LOTS 2166 & 2167 TO DIRECT FLOW TOWARDS LOT 2168. -OVERFLOW CONNECTION FROM THE GSI SYSTEM AT LOT 2170 TO THE EXISTING STORM SEWER IN THE ALLEY BEHIND LOT 2170.

ABBREVIATIONS & SYMBOLS

| AC | ACRE |
|----------|-----------------------|
| A.S.T.M. | AMERICAN SOCIETY OF |
| | TESTING MATERIALS |
| BIT. | BITUMINOUS |
| BC | BOTTOM OF CURB |
| BOG | BOTTOM OF GRAVEL |
| BS | BOTTOM OF STEP |
| BW | BOTTOM OF WALL |
| CA | COARSE AGGREGATE |
| CB | CATCH BASIN |
| CLR | CLEARANCE |
| CONC. | CONCRETE |
| CONT. | CONTINUOUS |
| CMU | CONCRETE MASONRY UNIT |
| CL | CENTER LINE |
| DI | DUCTILE IRON PIPE |
| DIA. | DIAMETER |
| DWG | DRAWING |
| EJ | EXPANSION JOINT |
| EP | EDGE OF PAVEMENT |
| ELEV. | ELEVATION |
| EQ | EQUAL |
| EX. | EXISTING |
| FH | FIRE HYDRANT |
| FT | FEET |
| GA | GAUGE |
| GAL. | GALLON |
| GEN. | GENERAL |
| GSI | GREEN STORMWATER |
| | INFRASTRUCTURE |
| GV | GAS VALVE |
| HT | HEIGHT |
| HP | HIGH POINT |
| HYD. | HYDRANT |
| IDEN. | IDENTIFICATION |
| INFO. | INFORMATION |
| INL | INLET |
| INV | PIPE INVERT |
| | |

| LBS | POUNDS |
|---------|------------------------|
| | MANUFACTURE'S |
| MAX. | MAXIMUM |
| MGR | MANAGER |
| MH | MANHOLE |
| NO. | NUMBER |
| MIN. | MINIMUM |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| ORD. | ORDINANCE |
| PC | POINT OF CURVATURE |
| PCC | PORTLAND CEMENT |
| | CONCRETE |
| PI | POINT OF INTERSECTION |
| PR. | PROPOSED |
| PSI | POUNDS PER SQUARE INCH |
| PT | POINT OF TANGENCY |
| R | RADIUS |
| REINF. | REINFORCED |
| REQD | REQUIRED |
| SAN. | SANITARY |
| SIM. | SIMILAR |
| SPEC(S) | SPECIFICATION(S) |
| STD | STANDARD |
| STL | STEEL |
| SS | STAINLESS STEEL |
| TS | TOP OF STEP |
| TC | TOP OF CURB |
| TW | TOP OF WALL |
| TYP. | TYPICAL |
| VIT. | VITRIFIED |
| VCP | VITRIFIED CLAY PIPE |
| W/ | WITH |
| WSP | WOODEN SERVICE POLE |
| WV | WATER VALVE |
| WM | WATER METER |
| WWM | WELDED WIRE MESH |
| | |



SHEET NUMBER

3 WORKING DAYS

BEFORE YOU DIG CALL MISS DIG

1-800-482-7171

C0.0



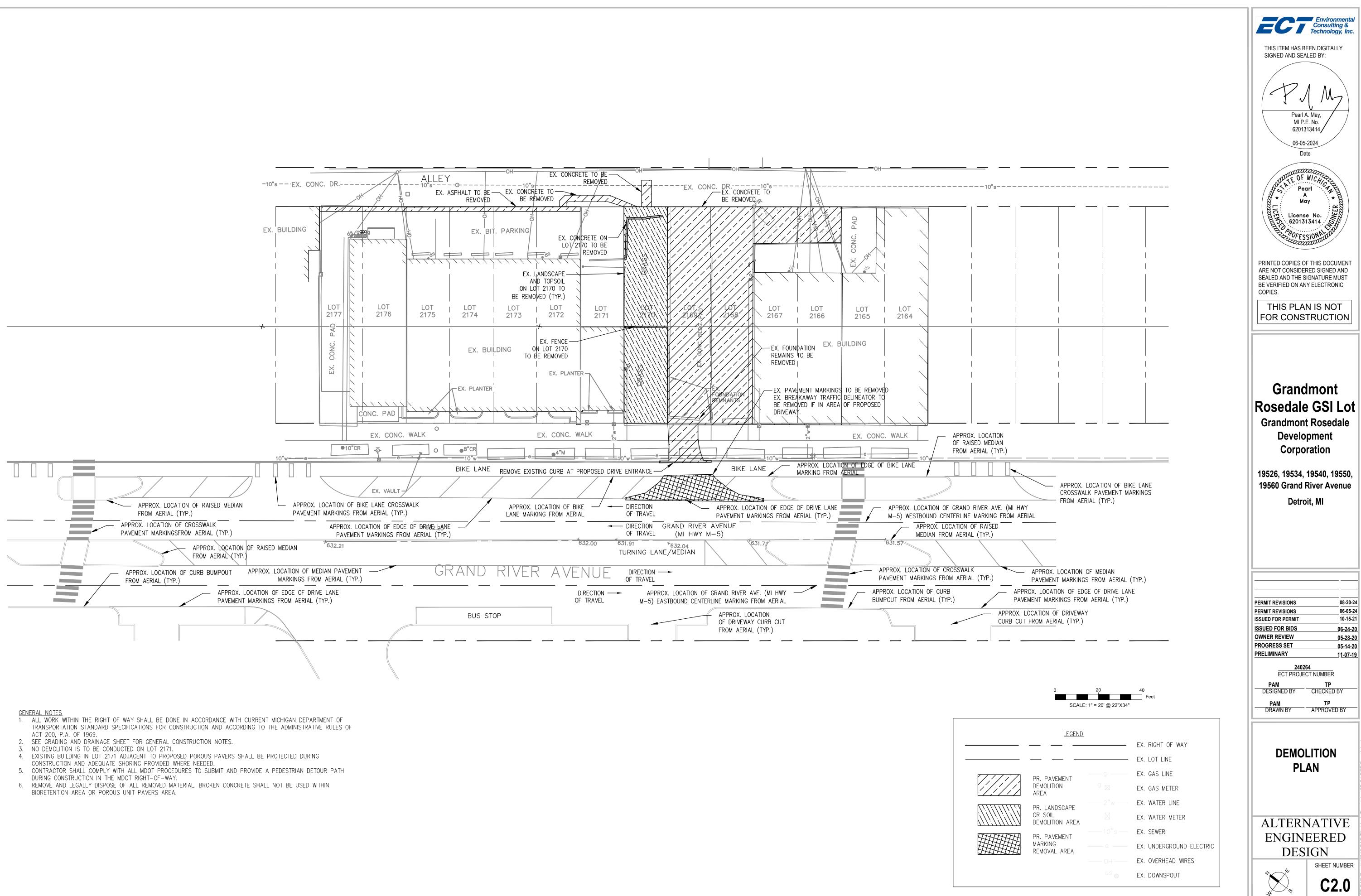
| Environmental Consulting & Technology, Inc. | |
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| THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY: | |
| | |
| Pearl A. May, MI P.E. No. 6201313414 | |
| 06-05-2024 Date | |
| 0001 E OF MICHICS 0051 Pearl 748 | |
| May Hay License No. Hore POFESSION Automatical Hore Control Automatical Hore Control Automatical Hore | |
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| | |
| Grandmont | |
| | |
| Rosedale GSI Lot | |
| Grandmont Rosedale Development | |
| Grandmont Rosedale | |
| Grandmont Rosedale Development Corporation 19526, 19534, 19540, 19550, | |
| Grandmont Rosedale Development Corporation | |
| Grandmont Rosedale Development Corporation 19526, 19534, 19540, 19550, 19560 Grand River Avenue | |
| Grandmont Rosedale Development Corporation 19526, 19534, 19540, 19550, 19560 Grand River Avenue | |
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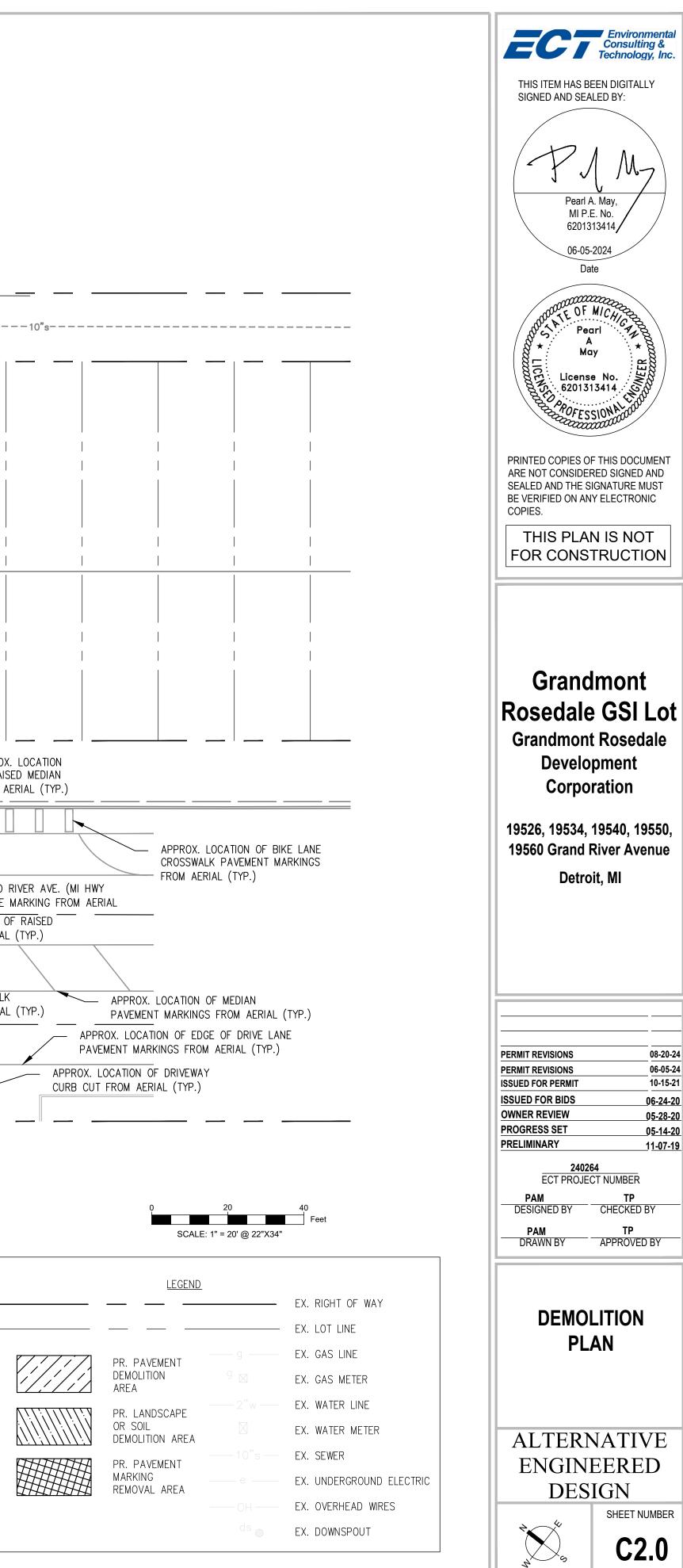
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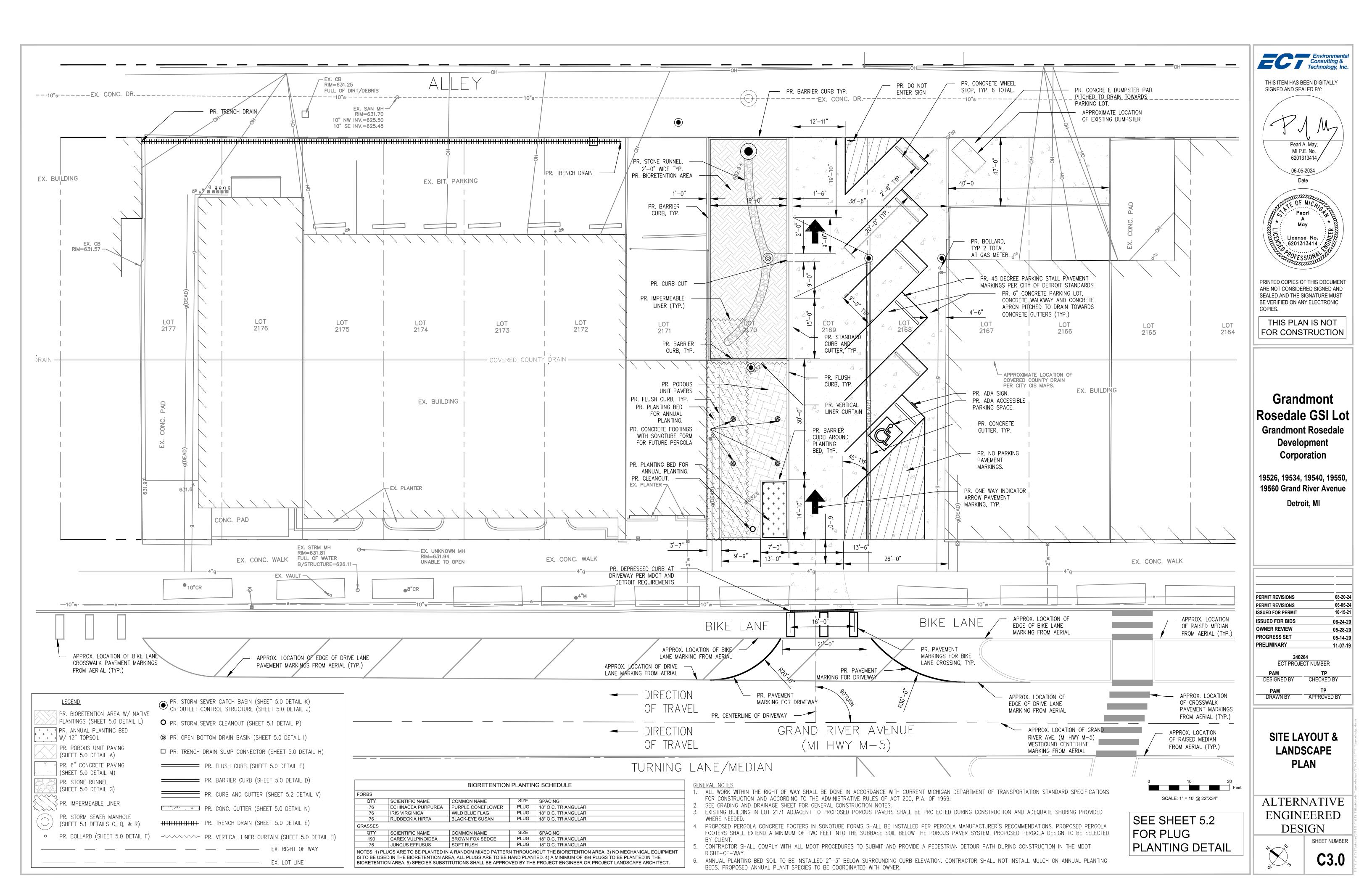
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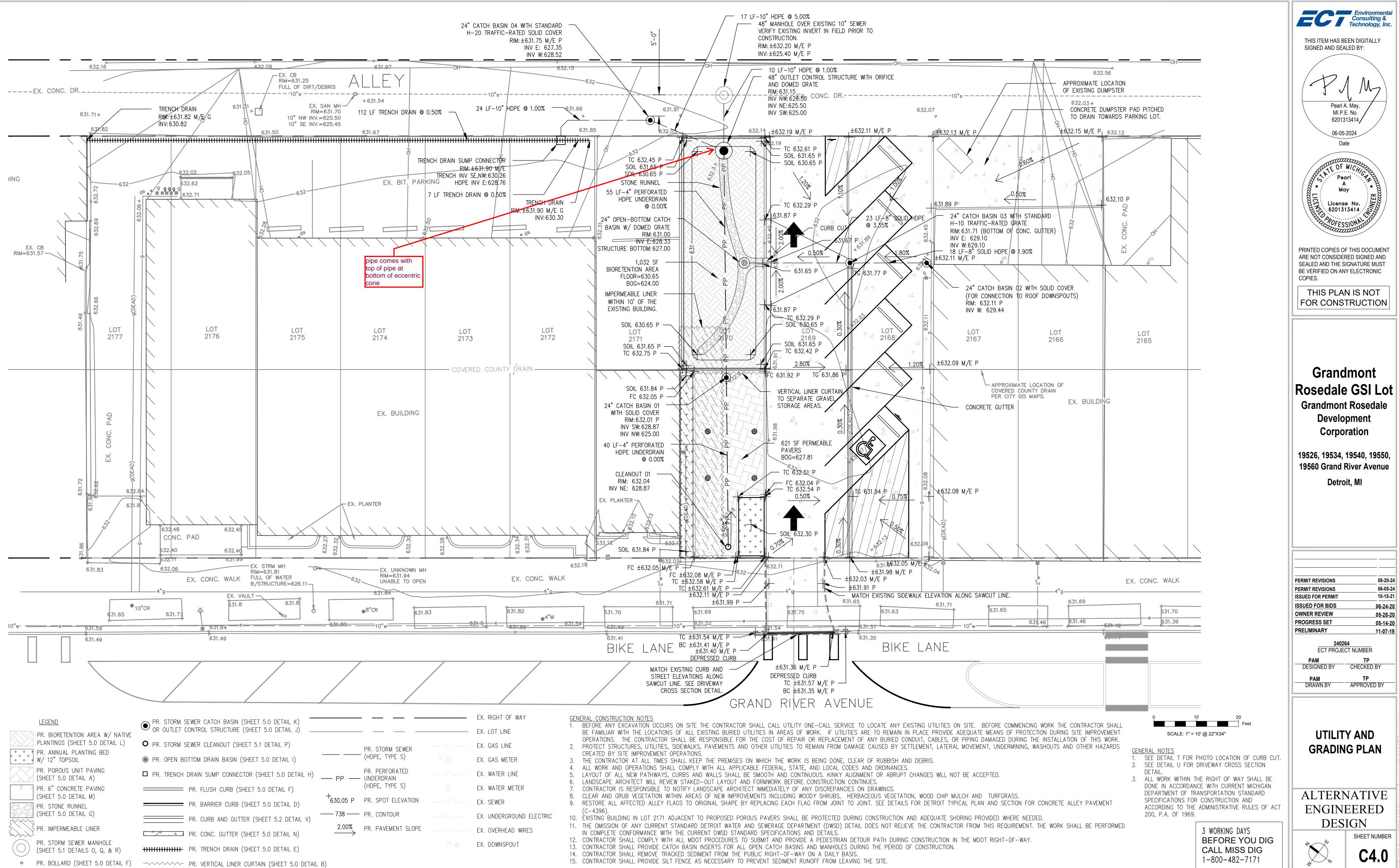
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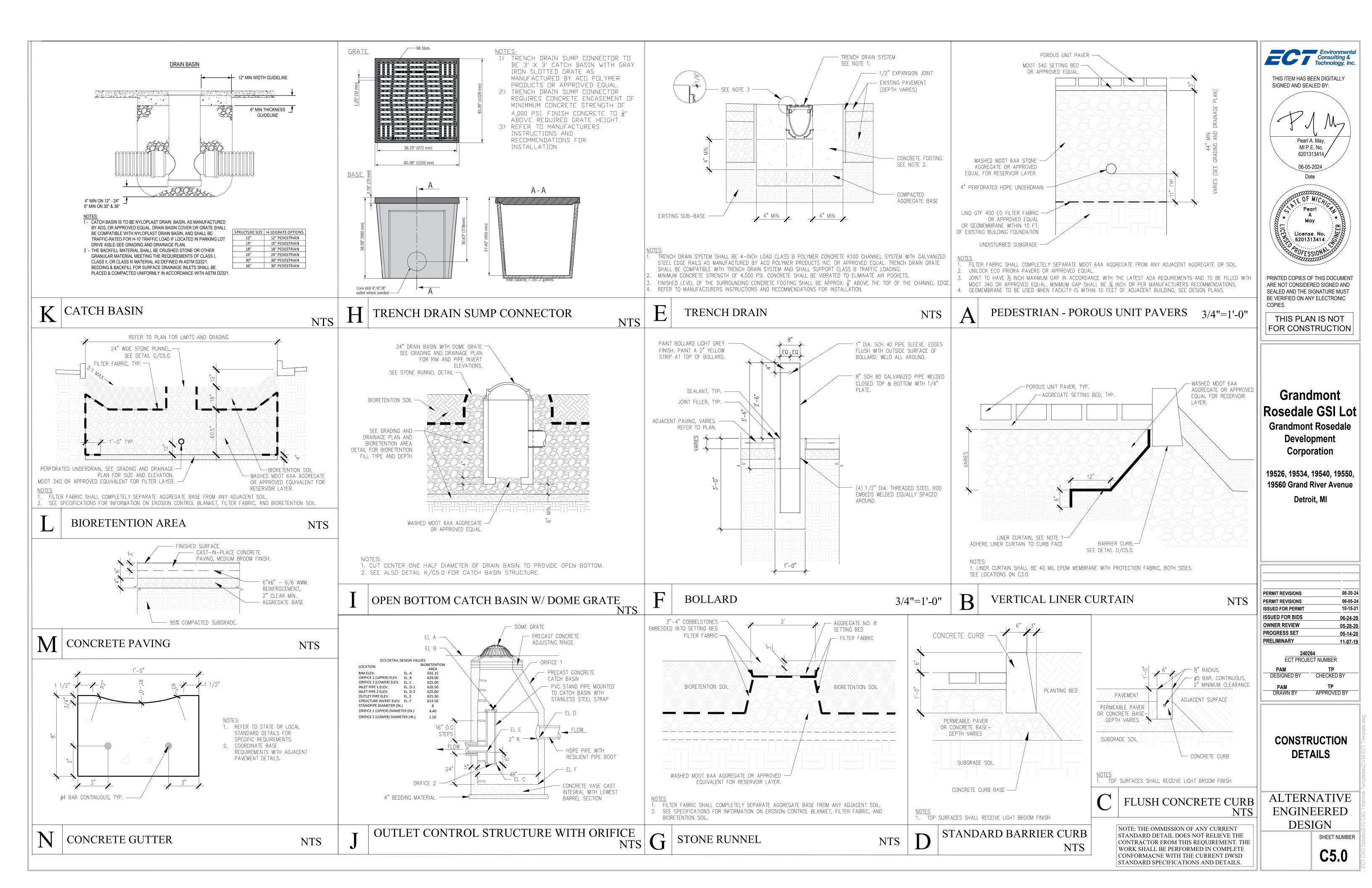
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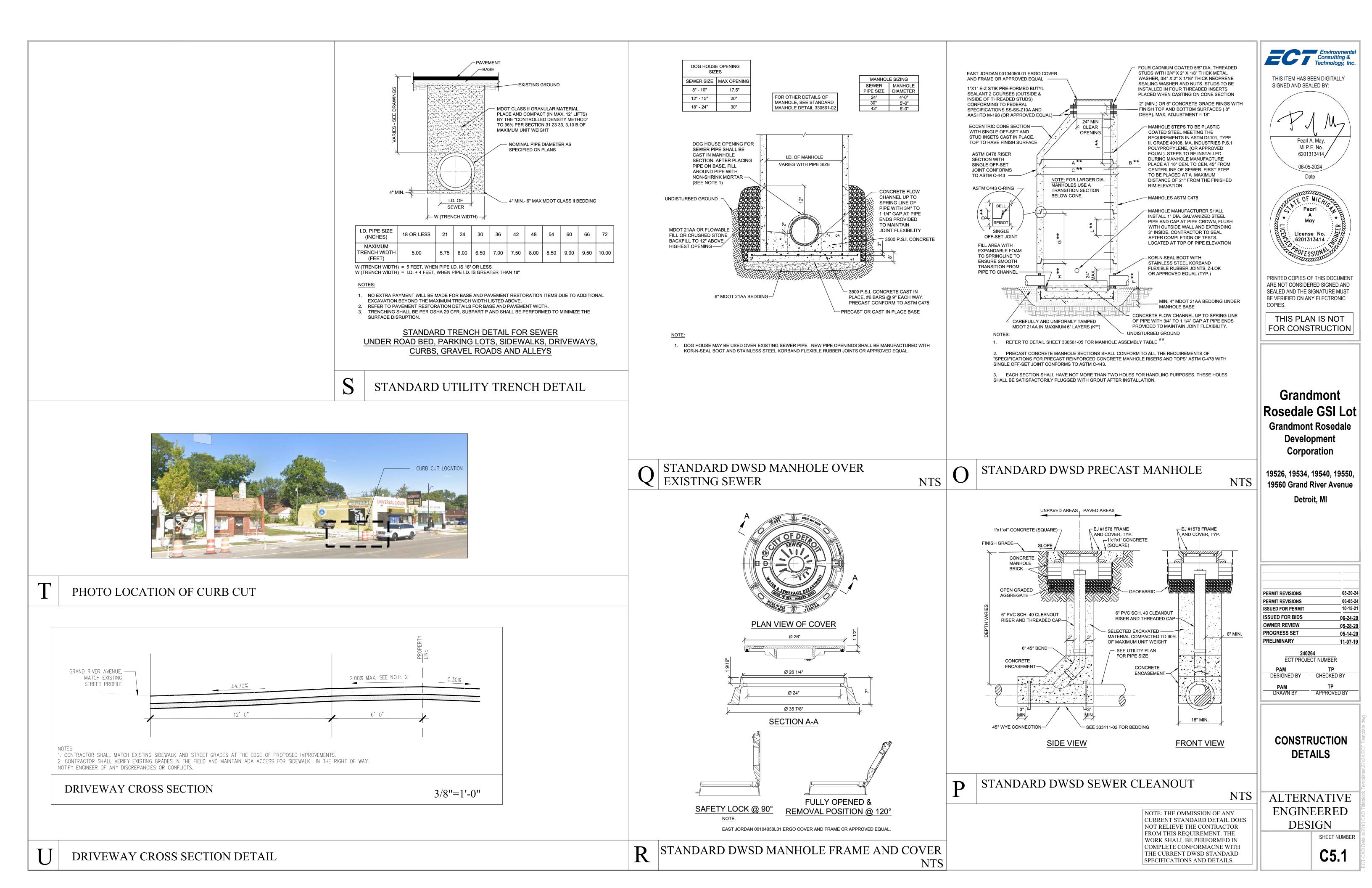




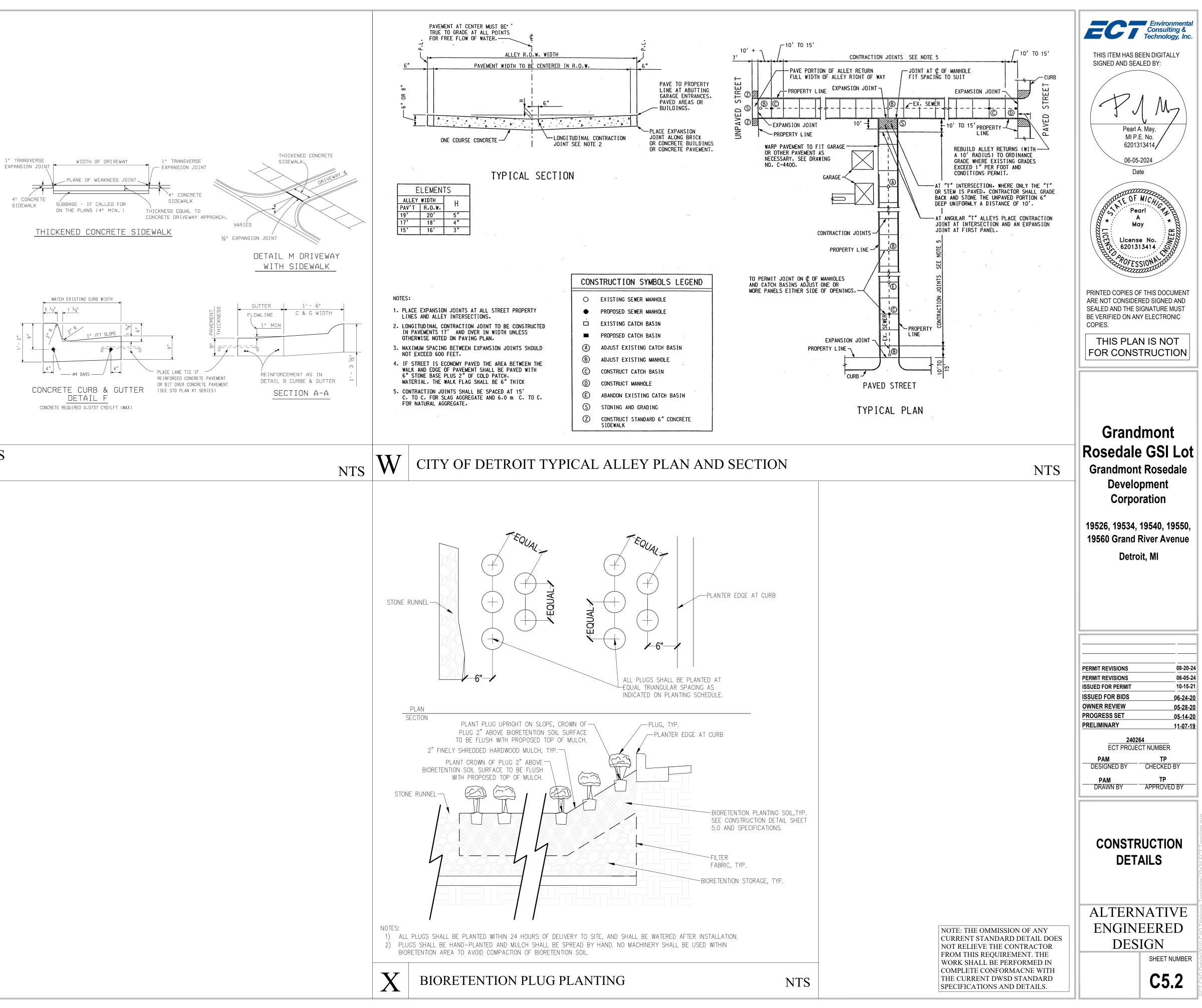






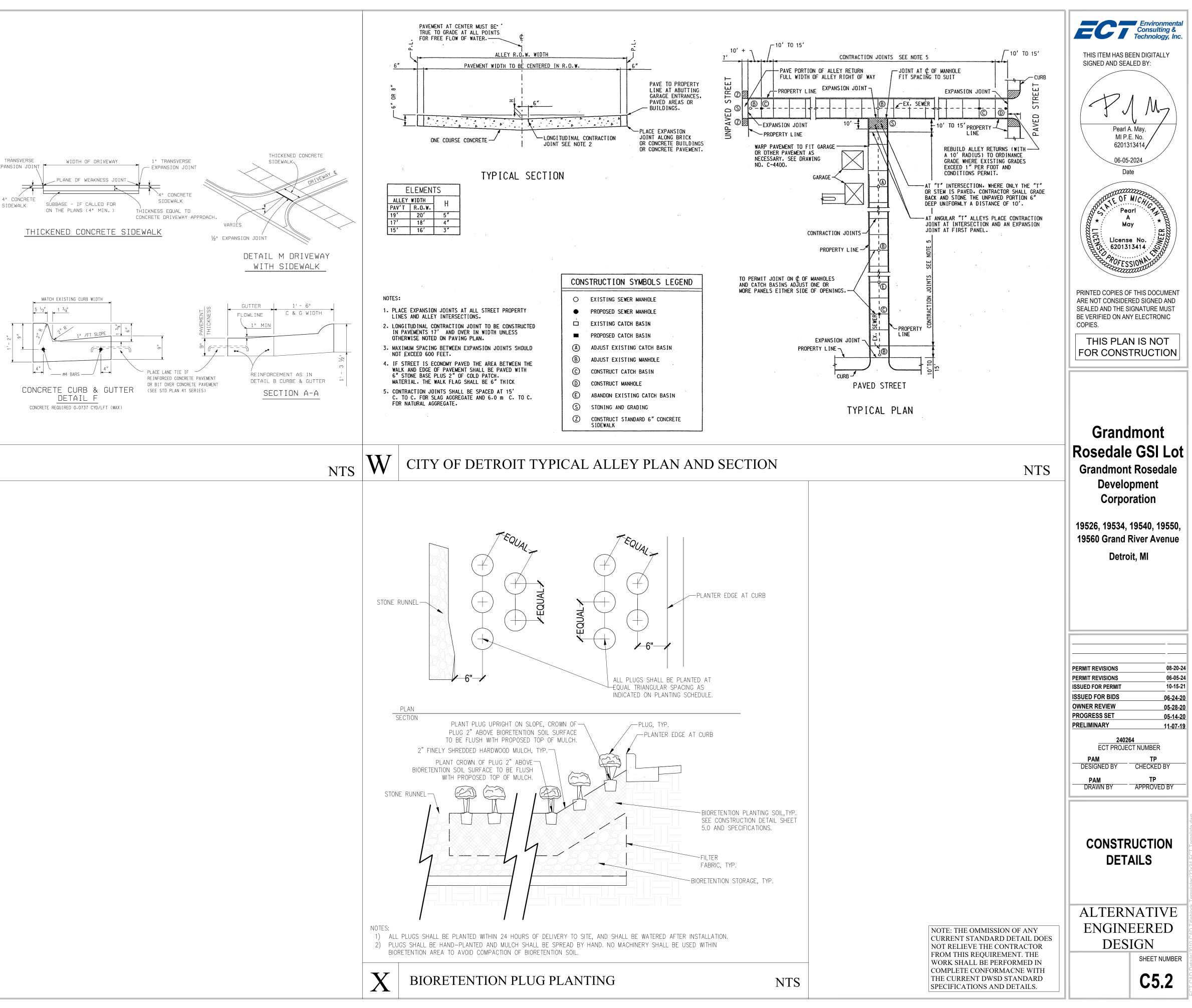


51/2 13/4 Z └-EPOXY COATED #4 BAR-4" OMIT WHEN TIED TO OR CAST 4" INTEGRAL WITH PAVEMENT DIMENSION CONCRETE DETAIL LANE TIES м CYD / LFT F1 |1'-6" "8" | AS SHOWN 0.0484 F2 1'-6" 78" OMITTED 0.0484 F3 2'-0" 13/8" AS SHOWN 0.0610 F4 2'-0" 1³/8" OMITTED 0.0610 F5 2'-6" 1⁷/8" AS SHOWN 0.0737 F6 2'-6" 1⁷8" OMITTED 0.0737 MICHIGAN DOT STANDARD CONCRETE CURB AND GUTTER R-30-G





T 7



STANDARD MDOT DRIVEWAY AND CURB DETAILS