

HISTORIC AUTO ATTRACTIONS - FIRE TRUCK MUSEUM

13825 METRIC ROAD
ROSCOE, IL

ARC DESIGN
RESOURCES INC.

5281 ZENITH PARKWAY
LOVES PARK, IL 61111
VOICE: (815) 484-4300
FAX: (815) 484-4303

www.arcdesign.com
Illinois Design Firm License No. 184-001334

PROJECT NAME
OWNER'S NAME

**HISTORIC AUTO
ATTRACTIONS -
FIRE TRUCK
MUSEUM**

13825 METRIC ROAD
ROSCOE, IL
WINNEBAGO COUNTY

WAYNE LENSING
13825 METRIC ROAD
ROSCOE, IL 61073
(815) 389-7917

CONSULTANTS

ISSUED FOR		DATE
1.	AGENCY REVIEW	01-28-2026
2.	OWNER REVIEW	02-24-2026
3.	OWNER REVIEW	03-06-2026
4.	AGENCY REVIEW	03-10-2026
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SHEET TITLE

COVER SHEET

DRAWN	LAR
CHECKED	LND
PM	RCS

PROJECT NUMBER
SHEET NUMBER

20034

C00

GENERAL NOTES

- THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- THE CONTRACTOR, BY AGREEING TO PERFORM THE WORK, AGREES TO INDEMNIFY AND HOLD HARMLESS THE OWNER, THE ENGINEER, THE CITY, AND ALL AGENTS AND ASSIGNS OF THOSE PARTIES, FROM ALL SUITS AND CLAIMS ARISING OUT OF THE PERFORMANCE OF SAID WORK, AND FURTHER AGREES TO DEFEND OR OTHERWISE PAY ALL LEGAL FEES ARISING OUT OF THE DEFENSE OF SAID PARTIES.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTORS SAFETY MEASURES, IN, OR NEAR THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SIGNS, BARRICADES, FENCING, TRAFFIC CONTROL DEVICES AND MEASURES, AND ALL OTHER MEASURES THAT ARE NECESSARY TO PROTECT THE SAFETY OF THE SITE AT ALL TIMES.
- MAINTAIN ACCESS FOR VEHICULAR AND PEDESTRIAN TRAFFIC AS REQUIRED FOR OTHER CONSTRUCTION ACTIVITIES. USE TRAFFIC CONTROL DEVICES TO INCLUDE TEMPORARY STRIPING, FLAGMEN, BARRICADES, WARNING SIGNS, AND WARNING LIGHTS SHALL BE IN ACCORDANCE WITH CURRENT MUTCD AND IDOT STANDARDS.
- ALL PHASES OF THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED INDUSTRY STANDARDS AND REQUIREMENTS SET FORTH BY THE VILLAGE OF ROSCOE, THE STATE OF ILLINOIS, AND THIS PLAN SET.
- THE VILLAGE OF ROSCOE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OR RESUMPTION OF ANY WORK.
- THE CONTRACTOR SHALL COORDINATE ALL PERMIT AND INSPECTION REQUIREMENTS WITH RESPONSIBLE LOCAL, STATE, AND FEDERAL AGENCIES. THE CONTRACTOR SHALL INCLUDE THE COSTS OF THIS COORDINATION AND ALL INSPECTION FEES IN THE BID PRICE.
- ALL WORK PERFORMED BY THE CONTRACTOR SHALL COME WITH A WARRANTY AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS. THIS WARRANTY PERIOD SHALL RUN CONCURRENT WITH THE REQUIRED WARRANTY PERIODS THE OWNER MUST PROVIDE TO EACH LOCAL GOVERNMENT AGENCY, AS A CONDITION OF THE PERMIT.
- THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL STRUCTURES, INLETS, PIPES, SWALES, ROADS AND PUBLIC EGRESSSES MUST BE KEPT CLEAN AND FREE OF DIRT AND DEBRIS AT ALL TIMES.
- ANY FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE RECORDED SHOWING SIZE, LOCATION, AND DEPTH BY THE CONTRACTOR, AND EITHER RECONNECTED AND REROUTED OR CONNECTED TO THE STORM SEWER SYSTEM. THE OWNER SHALL BE NOTIFIED IMMEDIATELY UPON ENCOUNTERING ANY TILE.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY THE LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING PROPERTY CORNERS TO KNOWN PROPERTY LINES. NOTIFY THE ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING.
- ALL ELEVATIONS ARE ON NAVD 88 DATUM.
- PARKING AREAS DESIGNATED AS A.D.A. AND ALL SIDEWALK SHALL BE COMPLIANT WITH STATE AND LOCAL A.D.A. REQUIREMENTS.
- TACTILE WARNING PLATES PER IDOT SPECIFICATIONS SHALL BE PLACED AT ALL LOCATIONS WHERE SIDEWALK THAT IS TO BE REPLACED INTERSECTS PUBLIC ROADS AND AT LOCATIONS INDICATED IN THIS PLAN SET.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THIS INCLUDES SANITARY SEWER, WATER MAIN, STORM SEWER, GENERAL TELEPHONE, COMMONWEALTH EDISON, NORTHERN ILLINOIS GAS AND CABLE TELEVISION, IF ANY. THE J.U.L.I.E. NUMBER IS 1-800-892-0123.
- PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR.
- THE CONTRACTOR SHALL KEEP CAREFUL MEASUREMENTS AND RECORDS OF ALL CONSTRUCTION AND SHALL FURNISH THE ENGINEER, THE OWNER AND THE CITY WITH RECORD DRAWINGS IN A DIGITAL FORMAT COMPATIBLE WITH AUTOCAD RELEASE 14 UPON COMPLETION OF HIS WORK.
- ANY EXCESS DIRT OR MATERIALS SHALL BE PLACED BY THE CONTRACTOR ONSITE AT THE OWNER'S DIRECTION OR AS INDICATED ON THE PLANS.
- NOTIFY THE OWNER AND VILLAGE OF ROSCOE OF ANY EXISTING WELLS. OBTAIN PERMIT FORM THE ILLINOIS BUREAU OF MINERALS AND THE STATE WATER SURVEY. CAP AND ABANDON WELLS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- FINISH GRADE SHALL IN ALL AREAS NOT SPECIFICALLY RESERVED FOR STORM WATER MANAGEMENT SHALL DRAIN FREELY. NO PONDING SHALL OCCUR. TOLERANCES TO BE OBSERVED WILL BE MEASURED TO THE NEAREST 0.04 OF A FOOT FOR PAVED SURFACES AND 0.10 OF A FOOT FOR UNPAVED AREAS.

SEPTIC SYSTEM IS REQUIRED.
OWNER IS COORDINATING SEPTIC DESIGN,
INSTALLATION, AND PERMITTING.

VICINITY MAP



CIVIL DESIGN IS BASED ON SURVEY AND PREVIOUS DESIGN PLANS. IT IS ASSUMED ALL PREVIOUSLY APPROVED PLANS WERE CONSTRUCTED AS DESIGNED. IF CONTRACTOR FINDS FIELD CONDITIONS VARY FROM THESE DOCUMENTS, THE CONTRACTOR SHALL NOTIFY ARC DESIGN IMMEDIATELY

Call
Before
You Dig

JULIE
ILLINOIS
ONE CALL SYSTEM

DIAL 811 OR (800)
892-0123

OWNER:

WAYNE LENSING

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SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
C00	COVER SHEET
C01	GENERAL NOTES
C02	GENERAL NOTES
C03	OVERALL SITE PLAN
C04	EXISTING CONDITIONS AND REMOVALS PLAN
C05	LAYOUT PLAN
C06	SWPPP
C07	SWPPP DETAILS
C08	GRADING AND DRAINAGE PLAN
C09	UTILITY PLAN
C10	DETAILS
C11	DETAILS
L01	LANDSCAPE PLAN

APPROVAL

VILLAGE
IEPA NPDES (NOI)

DATE

PENDING
PENDING

UTILITY OFFICIALS

PUBLIC WORKS DEPARTMENT:
VILLAGE OF ROSCOE
5402 SWANSON ROAD
ROSCOE, IL 61073
TROY TAYLOR
SUPERVISOR
(815) 877-0746

WATER DEPARTMENT:
NORTH PARK PUBLIC WATER DEPARTMENT
1350 TURRET DRIVE
MACHESNEY PARK, IL 61115
(815) 633-5461

SEWER DISTRICT:
FOUR RIVERS SANITATION AUTHORITY
3501 KISHWAUKEE STREET
ROCKFORD, IL 61109
CHRIS BAER
ENGINEERING MANAGER
(815) 387-7660

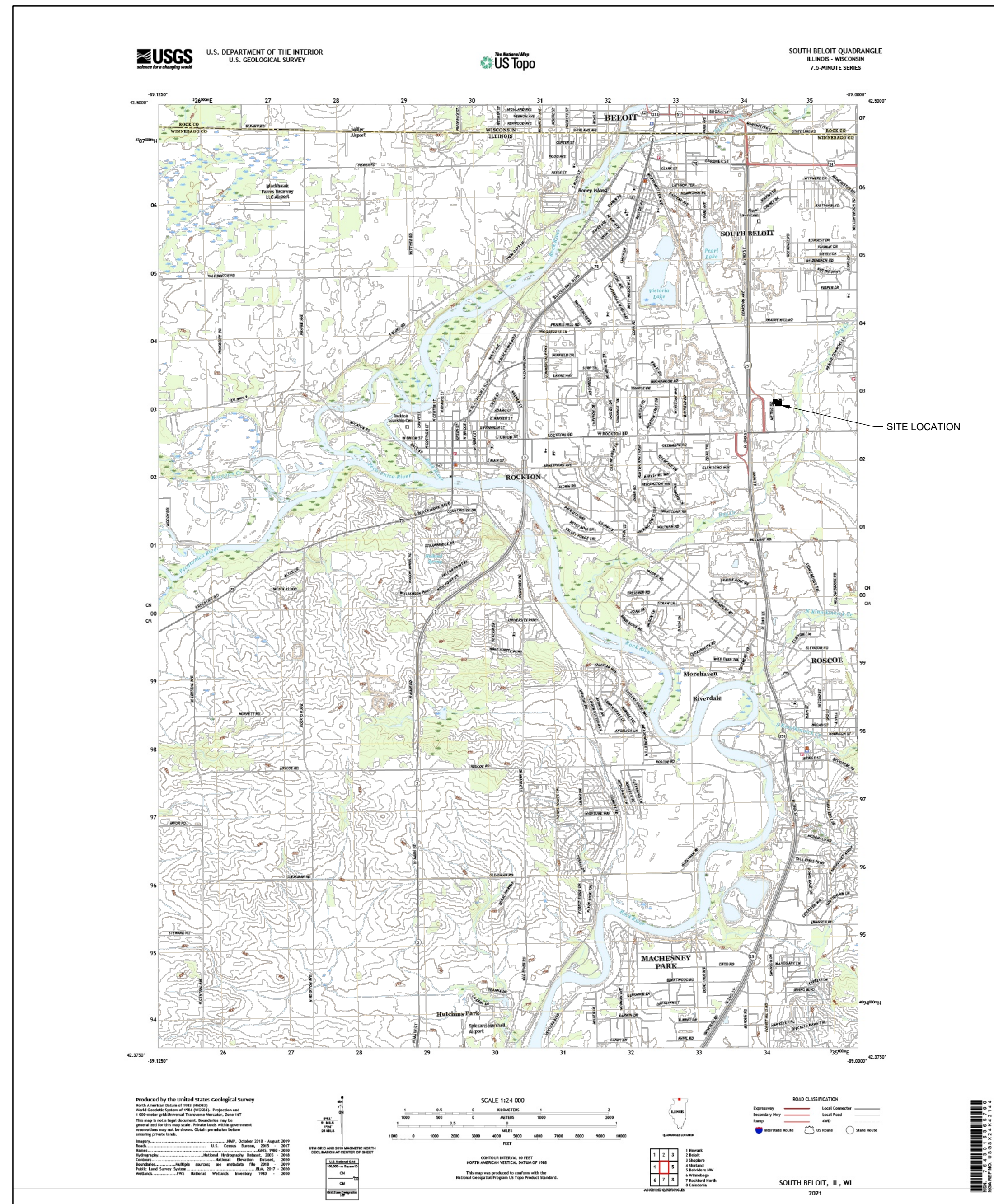
CABLE TELEVISION:
COMCAST
4450 KISHWAUKEE STREET
ROCKFORD, IL 61101
THOMAS YUCCAS
(815) 395-8977

TELEPHONE:
AT&T MIDWEST
2404 8TH AVENUE
ROCKFORD, IL 61108
HECTOR GARCIA
(630) 639-8372

GAS:
ROCK ENERGY COOPERATIVE
15229 WILLOWBROOK ROAD
SOUTH BELOIT, IL 61080
(866) 752-4550

ELECTRIC:
ROCK ENERGY COOPERATIVE
15229 WILLOWBROOK ROAD
SOUTH BELOIT, IL 61080
(866) 752-4550

USGS MAP



WATER UTILITY NOTES

1. WATER MAINS AND SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:
 - A. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (STANDARD SPECIFICATIONS), EIGHTH EDITION DATED 2020 (AND ALL REVISIONS AND SUPPLEMENTS THERETO).
 - B. ALL APPLICABLE STATE AND LOCAL PLUMBING CODES.
 - C. ADDITIONAL DETAILS AND REQUIREMENTS PROVIDED IN THE CONTRACT DOCUMENTS, INCLUDING THIS PLAN SET.
 - D. VILLAGE OF ROSCOE WATERMAIN CODES.
2. CONTACT ALL PUBLIC AND PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO ANY EXCAVATION. COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
3. ALL WATER MAIN AND SERVICE PIPE GREATER THAN 2" IN DIAMETER SHALL BE DUCTILE IRON PIPE CONFORMING TO AWWA C151, CLASS OR THICKNESS PER AWWA C150. SEAL COATED AND / OR CEMENT LINE PER AWWA C104, WITH MECHANICAL OR RUBBER RING (SLIP SEAL OR PUSH ON) JOINTS. FITTINGS SHALL COMPLY WITH AWWA C110. JOINTS SHALL COMPLY WITH AWWA C111.
4. THE MINIMUM COVER FOR ALL WATER MAIN AND WATER SERVICE PIPE IS 6' FROM FINISHED GRADE TO TOP OF PIPE.
5. ALL WATER MAINS UNDER AND WITHIN TWO FEET OF ANY EXISTING OR PROPOSED STREET PAVEMENT OR CURB SHALL BE BACKFILLED WITH IDOT APPROVED GRANULAR BACKFILL MATERIAL.
6. TRENCH BACKFILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY.
7. ALL VALVES SHALL BE RESILIENT GATE MUELLER MODEL A-2361 OR APPROVED EQUAL. ALL VALVES SHALL OPEN LEFT.
8. WATER MAIN SEPARATION FROM STORM AND SANITARY SEWER SHALL CONFORM TO SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS.
9. THE WATER SERVICE PIPE SHALL BE TYPE K COPPER TUBING IN ACCORDANCE WITH ASTM B88 AND ASTM Z51 UP TO 2" IN DIAMETER.
10. ALL CORPORATION STOPS AND CURB STOPS SHALL BE FABRICATED OF BRASS AND SHALL BE PROVIDED WITH OUTLETS SUITABLE FOR COPPER CONNECTIONS. THE CORPORATION STOP, CURB STOP, AND THE SERVICE BOX SHALL BE OF TYPE AND MANUFACTURE ACCEPTABLE TO THE VILLAGE OF ROSCOE.
11. NO OBJECT MAY BE CONSTRUCTED, MAINTAINED OR INSTALLED WITHIN 48 INCHES OF A FIRE HYDRANT. NO TREES, BUSHES, WALLS, OR OTHER OBSTACLES WHICH MAY HIDE OR IMPEDE THE USE OF A FIRE HYDRANT WILL NOT BE PERMITTED.
12. HYDRANTS SHALL BE PAINTED IN CONFORMITY TO AWWA C502. THE CONTRACTOR SHALL VERIFY COLOR OF PAINT WITH THE VILLAGE OF ROSCOE PRIOR TO PROCUREMENT.
13. ALL FIRE HYDRANTS SHALL COMPLY WITH AWWA STANDARD C502 AND VILLAGE OF ROSCOE REQUIREMENTS. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF ROSCOE FOR SPECIFIC REQUIREMENTS. ALL PUBLIC HYDRANTS SHALL HAVE A "BREAKAWAY" DESIGN AND SHALL BE PLACED SO THAT THE CENTER OF THE PUMPER NOZZLE IS 18 TO 24 INCHES ABOVE THE GROUND LINE. A HOLE OF 1/2 CUBIC YARD VOLUME SHALL BE DUG AT EACH HYDRANT AND FILLED WITH WASHED GRAVEL TO ACT AS A DRAIN FOR TWO (2) BRONZE LINED OUTLETS. HYDRANTS SHALL BE MUELLER CENTURIUM MODEL A-423 UNLESS A DIFFERENT MODEL IS APPROVED IN ADVANCE BY VILLAGE OF ROSCOE.
14. FIRE HYDRANTS SHALL BE PLACED AT LEAST 3 FEET OFF THE EDGE OF PAVEMENT.
15. CONNECTIONS TO EXISTING MAINS, ALL CONNECTIONS TO THE VILLAGE WATER DISTRIBUTION SYSTEM SHALL BE MADE UNDER FULL WATER SERVICE PRESSURE UNLESS OTHERWISE APPROVED BY THE VILLAGE ENGINEER AT LOCATIONS APPROVED BY THE VILLAGE ENGINEER.
16. PRESSURE TEST
 - A. AS PART OF THE CONSTRUCTION, THE WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH SECTION 41-2.12 OF THE STANDARD SPECIFICATIONS.
 - B. ALL NEWLY LAID PIPE SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE OF 150 POUNDS PER SQUARE INCH. DURATION OF EACH PRESSURE TEST SHALL BE FOR A PERIOD OF NOT LESS THAN TWO HOURS. EACH VALVED SECTION OF PIPE SHALL BE FILLED WITH WATER AND THE SPECIFIED TEST PRESSURE SHALL BE APPLIED BY MEANS OF A PUMP CONNECTED TO THE PIPE.
 - C. BEFORE APPLYING THE SPECIFIED TEST PRESSURE, ALL AIR SHALL BE EXPELLED FROM THE PIPE. ALL LEAKS SHALL BE REPAIRED UNTIL TIGHT. ANY CRACKED OR DEFECTIVE PIPES, FITTINGS, VALVES, OR HYDRANTS DISCOVERED IN CONSEQUENCE OF THIS PRESSURE TEST SHALL BE REMOVED AND REPLACED AND THE TEST REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED.
17. ALL TESTING SHALL BE DONE AFTER THE INSTALLATION OF SERVICE LINES. SUITABLE MEANS SHALL BE PROVIDED FOR DETERMINING THE QUANTITY OF WATER LOST BY LEAKAGE UNDER THE SPECIFIED TEST PRESSURE IN ACCORDANCE WITH SECTION 41-2.14C OF THE STANDARD SPECIFICATIONS.
18. DISINFECTION
 - A. WATER FROM THE EXISTING DISTRIBUTION SYSTEM OR OTHER SOURCE OF SUPPLY SHALL BE CONTROLLED SO AS TO FLOW SLOWLY INTO THE NEWLY LAID PIPELINE DURING THE APPLICATION OF CHLORINE GAS. THE RATE OF CHLORINE MIXTURE FLOW SHALL BE IN SUCH PROPORTION TO THE RATE OF WATER ENTERING THE PIPE THAT THE CHLORINE DOSE APPLIED TO THE WATER ENTERING THE NEWLY LAID PIPE SHALL BE AT LEAST FORTY TO FIFTY PPM, OR ENOUGH TO MEET THE REQUIREMENTS DURING THE RETENTION PERIOD. THIS MAY REQUIRE AS MUCH AS ONE HUNDRED PPM OF CHLORINE IN THE WATER LEFT IN THE LINE AFTER CHLORINATION.
 - B. VALVES SHALL BE MANIPULATED SO THAT THE STRONG CHLORINE SOLUTION IN THE LINE BEING TREATED WILL NOT FLOW BACK INTO THE LINE SUPPLYING THE WATER.
 - C. TREATED WATER SHALL BE RETAINED IN THE PIPE LONG ENOUGH TO DESTROY ALL SPORE-FORMING BACTERIA. THIS RETENTION PERIOD SHALL BE AT LEAST TWENTY-FOUR HOURS. AFTER THE CHLORINE-TREATED WATER HAS BEEN RETAINED FOR THE REQUIRED TIME, THE CHLORINE RESIDUAL AT THE PIPE EXTREMITIES AND AT OTHER REPRESENTATIVE POINTS SHOULD BE AT LEAST TEN PPM.
 - D. IN THE PROCESS OF CHLORINATING NEWLY LAID PIPE, ALL VALVES OR OTHER APPURTENANCES SHALL BE OPERATED WHILE THE PIPELINE IS FILLED WITH THE CHLORINATING AGENT.
 - E. ALL WATER MAINS AND SERVICES SHALL BE DISINFECTED AND TESTED ACCORDING TO THE REQUIREMENTS OF THE STANDARDS FOR DISINFECTING WATER MAINS, AWWA C601. ALL DISINFECTION SHALL BE PERFORMED BY AN INDEPENDENT FIRM EXHIBITING EXPERIENCE IN THE METHODS AND TECHNIQUES OF THIS OPERATION, AND SHALL BE APPROVED BY THE VILLAGE.
19. FINAL FLUSHING AND TESTING
 - A. FOLLOWING CHLORINATION, ALL TREATED WATER SHALL BE THOROUGHLY FLUSHED FROM THE NEWLY LAID PIPELINE AT ITS EXTREMITIES UNTIL THE REPLACEMENT WATER, THROUGHOUT ITS LENGTH SHALL, UPON TEST, BE APPROVED AS SAFE WATER BY THE VILLAGE ENGINEER. THIS QUALITY OF WATER DELIVERED BY THE NEW MAIN SHOULD CONTINUE FOR A PERIOD OF AT LEAST TWO FULL DAYS AS DEMONSTRATED BY LABORATORY EXAMINATION OF SAMPLES TAKEN FROM A TAP LOCATED AND INSTALLED IN SUCH A WAY AS TO PREVENT OUTSIDE CONTAMINATION. SAMPLES SHOULD NEVER BE TAKEN FROM AN UNSTERILIZED HOSE OR FROM A FIRE HYDRANT, BECAUSE SUCH SAMPLES SELDOM MEET CURRENT BACTERIOLOGICAL STANDARDS.
 - B. AFTER DISINFECTING AND FLUSHING, WATER SAMPLES SHALL BE COLLECTED BY THE CONTRACTOR ON TWO SUCCESSIVE DAYS, WITH NOTICE GIVEN, SO THAT THE COLLECTION MAY BE WITNESSED BY THE VILLAGE. BACTERIOLOGICAL SAMPLING AND ANALYSIS OF THE SAMPLES SHALL BE PERFORMED BY A LABORATORY APPROVED BY THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH AND THE VILLAGE. SHOULD THE INITIAL TREATMENT RESULT IN AN UNSATISFACTORY BACTERIAL TEST, THE PROCEDURE SHALL BE REPEATED UNTIL SATISFACTORY RESULTS ARE OBTAINED. THE CONTRACTOR OR DEVELOPER SHALL PAY FOR THE SAMPLING AND ANALYSIS. RESULTS OF THE ANALYSIS SHALL BE TRANSMITTED BY THE LABORATORY DIRECTLY TO THE VILLAGE ENGINEER. TEST RESULTS SHALL INDICATE THE DATE THE SAMPLE WAS COLLECTED, THE DATE THE ANALYSIS WAS MADE, THE EXACT LOCATIONS AT WHICH SAMPLES WERE TAKEN, THE FIRM SUBMITTING THE SAMPLE, AND THE PROJECT AT WHICH THE SAMPLES WERE COLLECTED. SUFFICIENT SAMPLES SHALL BE COLLECTED IN ORDER TO INSURE THAT THE SYSTEM IS BACTERIOLOGICALLY SAFE.
20. ANY AREAS WHERE SOLID ROCK IS ENCOUNTERED WHEN LAYING THE WATER MAIN, APPROVED BEDDING MATERIAL SHALL BE USED.

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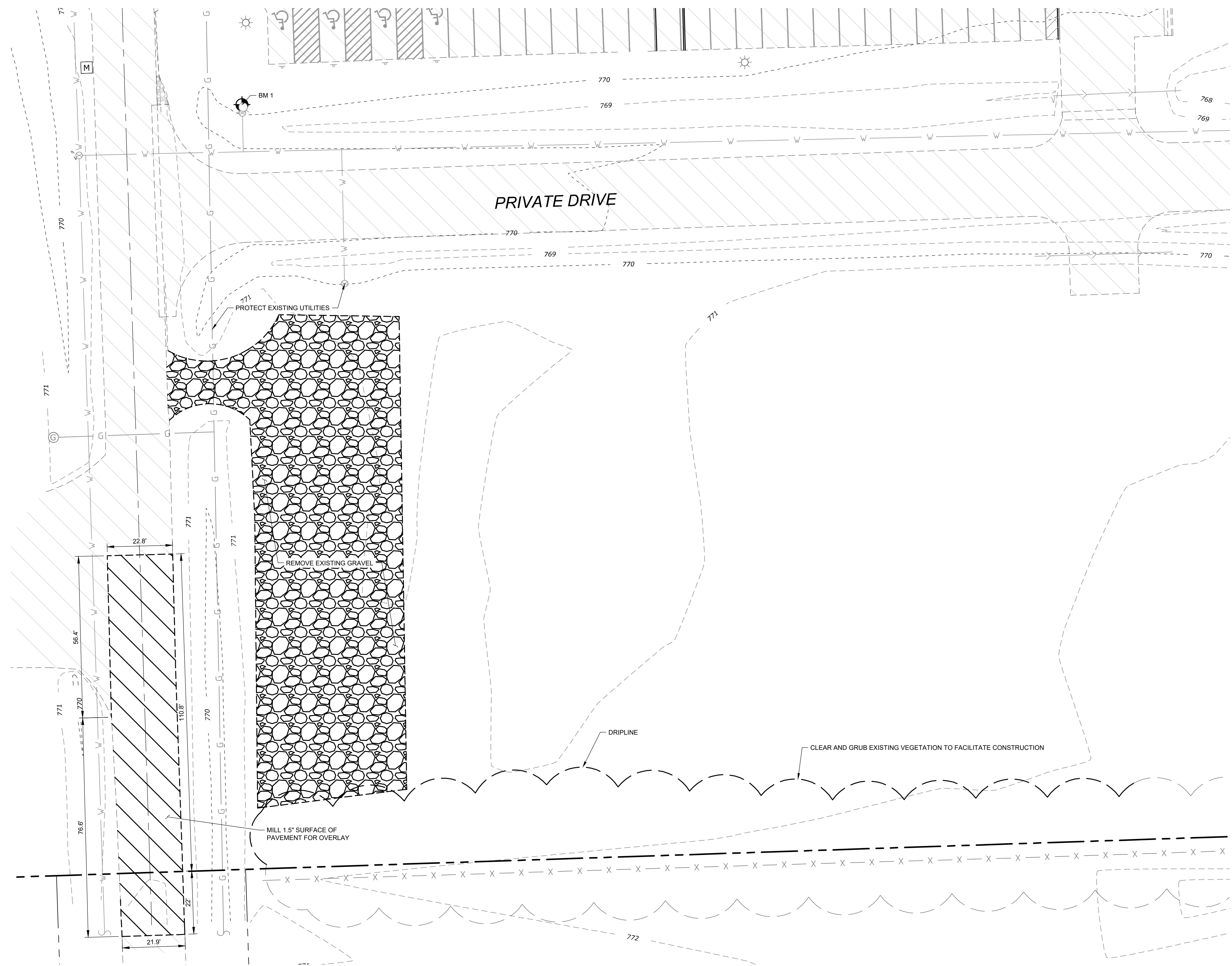
GENERAL NOTES

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LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- REMOVE EXISTING CURB AND GUTTER
- [Hatched Box] EXISTING ASPHALT PAVEMENT TO REMAIN
- [Diagonal Lines Box] MILL 1.5' EXISTING ASPHALT PAVEMENT
- [Circular Pattern Box] EXISTING GRAVEL TO REMAIN
- [Circular Pattern Box] REMOVE EXISTING GRAVEL
- > EXISTING SANITARY SEWER TO REMAIN
- > EXISTING STORM SEWER TO REMAIN
- G --- EXISTING GAS MAIN TO REMAIN
- W --- EXISTING WATER TO REMAIN
- - - 800 --- EXISTING CONTOUR LINE
- (SVG) "SALVAGE"
- (TYP) "TYPICAL" FOR ALL SIMILAR ITEMS
- [Circle with X] EXISTING WATER TO REMAIN
- [Circle with T] EXISTING SIGN TO REMAIN
- [Circle with S] EXISTING STORM SEWER TO REMAIN
- [Circle with W] EXISTING SANITARY SEWER TO REMAIN
- [Circle with B] BENCHMARK

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REVISIONS

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**EXISTING
CONDITIONS AND
REMOVALS PLAN**

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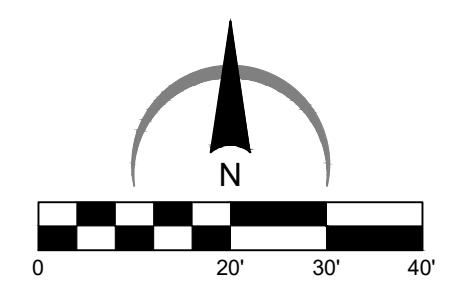
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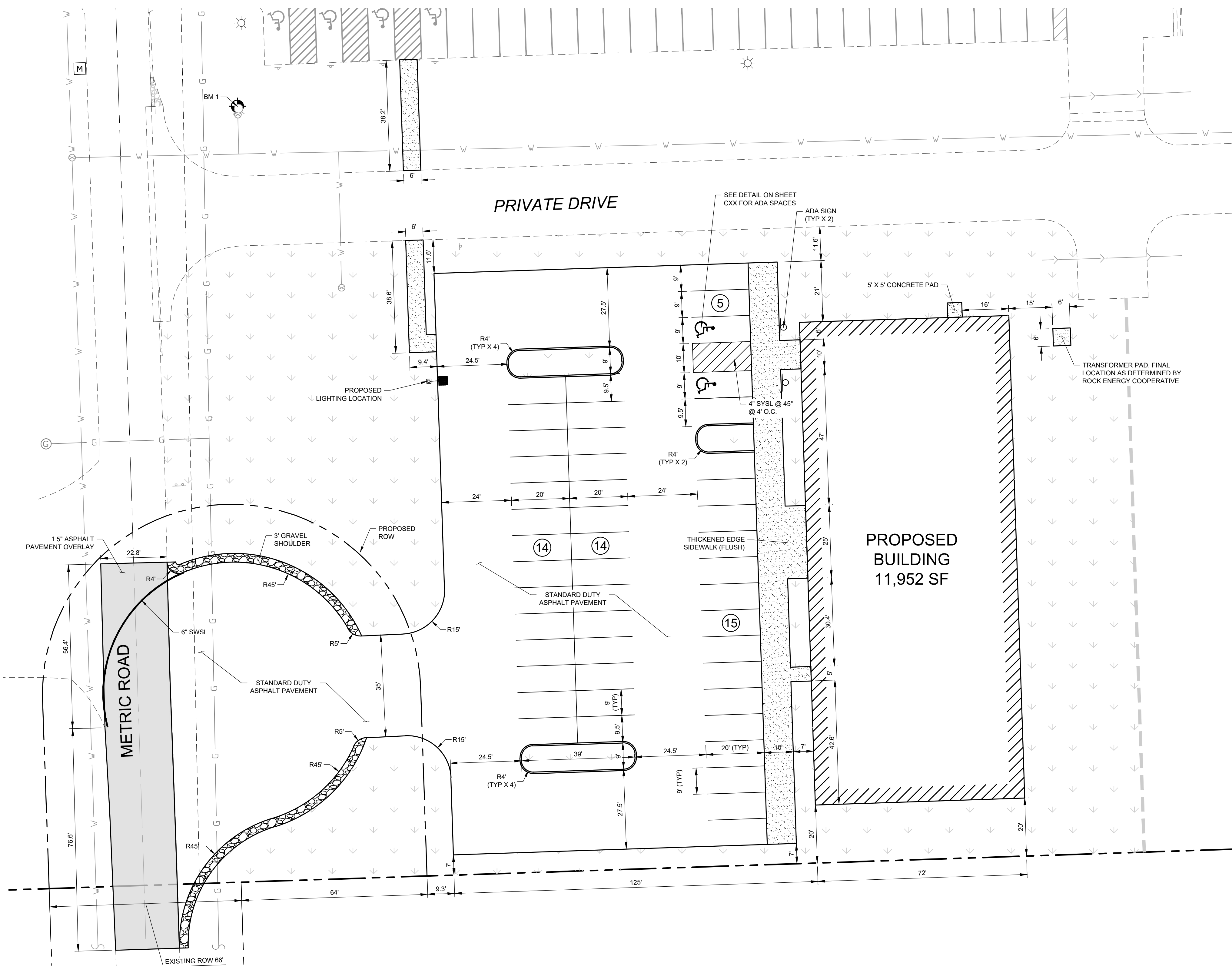
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C04

BENCHMARKS

DESCRIPTION	ELEVATION (USGS)
BENCHMARK 1 X CUT IN MUELLER BOLT ON FIRE HYDRANT	772.54
BENCHMARK 2 X CUT IN MUELLER BOLT ON FIRE HYDRANT	771.73





LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING CURB AND GUTTER
- PROPOSED BARRIER CURB
- PROPOSED EDGE OF PAVEMENT
- PROPOSED STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED 1.5" ASPHALT PAVEMENT OVERLAY
- PROPOSED CONCRETE SIDEWALK
- PROPOSED GRAVEL SHOULDER
- LIGHT POLE AND FIXTURE
- PROPOSED ADA PARKING SPACE
- NUMBER OF PROPOSED PARKING SPACES IN A ROW
- PROPOSED PARKING STALLS
- TURF AND LANDSCAPED AREAS

LAYOUT NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS, CURBS OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
3. DIMENSIONS THAT LOCATE THE BUILDING ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
4. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
5. ALL RADII ARE DIMENSIONED TO THE BACK OF CURB.
6. ALL CURB AND GUTTER IS INTEGRAL TO PAVEMENT UNLESS NOTED OTHERWISE. REFER TO THE DETAIL SHEETS FOR CURB DETAILS.
7. SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PROPOSED PAVEMENT, CURB AND SIDEWALKS MEET EXISTING PAVEMENT, CURB AND SIDEWALKS. REVIEW ANY REQUIRED CHANGES WITH ENGINEER PRIOR TO CONSTRUCTION OF WORK.
8. FOR REQUIRED PAVEMENT REMOVAL ADJACENT TO THE CURB AND GUTTER REMOVAL WITHIN RIGHT OF WAY, A FULL DEPTH SAWCUT SHALL BE UTILIZED AND SHALL NOT BE LESS THAN 2' IN WIDTH.

PARKING TABLE

NUMBER OF PARKING STALLS REQUIRED (1 PER 250 SF OF BUILDING)	48 (2 - A.D.A.)
NUMBER OF PARKING STALLS PROPOSED	48 (2 - A.D.A.)

PROPOSED ROW IS A REQUIREMENT OF A PREVIOUS ANNEXATION AGREEMENT. DEDICATION IS BEING COORDINATED WITH THE VILLAGE CONCURRENT TO THESE CONSTRUCTION PLANS

BENCHMARKS

DESCRIPTION	ELEVATION (USGS)
BENCHMARK 1 X CUT IN MUELLER BOLT ON FIRE HYDRANT	772.54
BENCHMARK 2 X CUT IN MUELLER BOLT ON FIRE HYDRANT	771.73

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 5281 ZENITH PARKWAY
 LOVES PARK, IL 61111
 VOICE: (815) 484-4300
 FAX: (815) 484-4303
 www.arcdesign.com
 Illinois Design Firm License No. 184-001334

PROJECT NAME
OWNER'S NAME
HISTORIC AUTO ATTRACTIONS - FIRE TRUCK MUSEUM
 13825 METRIC ROAD
 ROSCOE, IL
 WINNEBAGO COUNTY
 WAYNE LENSING
 13825 METRIC ROAD
 ROSCOE, IL 61073
 (815) 389-7917

CONSULTANTS

ISSUED FOR

ITEM	DATE
1. AGENCY REVIEW	01-28-2026
2. OWNER REVIEW	02-24-2026
3. OWNER REVIEW	03-06-2026
4. AGENCY REVIEW	03-10-2026
5. --	--
6. --	--
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REVISIONS

ITEM	DATE
1. --	--
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4. --	--
5. --	--
6. --	--

SHEET TITLE
LAYOUT PLAN

DRAWN	JO
CHECKED	LND
PM	RCS

PROJECT NUMBER
SHEET NUMBER
20034
C05

SEQUENCE OF CONSTRUCTION

- PLACE SWPPP BOX ON SITE. SWPPP BOX SHALL CONTAIN A COPY OF THE LETTER OF COVERAGE AND ILLINOIS GENERAL PERMIT. SWPPP BOX SHALL CONSIST OF LARGE MAILBOX WITH THE LETTERS "SWPPP" ON THE SIDES. MAILBOX SHALL BE SUPPORTED BY A 4"x4" POST IN A 6-GALLON BUCKET OF CONCRETE. TO ALLOW THE BOX TO BE PORTABLE AND RELIABLE.
- PREPARE TEMPORARY PARKING AND STORAGE AREA. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, ETC. DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
- CONSTRUCT THE SILT FENCES ON THE SITE. INSTALL INLET PROTECTION DEVICES IN EXISTING STRUCTURES.
- DEMOLISH BUILDINGS.
- TEMPORARILY SEED THROUGHOUT CONSTRUCTION. DENUDE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
- CONSTRUCT TEMPORARY SEDIMENT TRAP AND INSTALL OUTLET CONTROL PROTECTION AND LEVEL SPREADER.
- INSTALL UTILITIES, UNDERDRAINS, AND STORM SEWERS. INSTALL INLET PROTECTION CONCURRENTLY.
- PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
- PREPARE AREA OF SITE FOR PAVING FOR PARKING AREAS.
- PAVE AREA OF SITE.
- COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

SWPPP NOTES

- THE OWNER OF THE SITE SHALL NOTIFY THE DIRECTOR OF ENGINEERING.
 - TWO (2) WORKING DAYS PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITIES.
 - UPON COMPLETION OF INSTALLATION OF SEDIMENT AND RUNOFF CONTROL MEASURE (INCLUDING PERIMETER CONTROLS AND DIVERSIONS).
 - AFTER FINAL STABILIZATION AND LANDSCAPING AND PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS.
- THE OWNER OF A SITE OF CONSTRUCTION ACTIVITY SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF THE VILLAGE OF ROSCOE ORDINANCES.
- WASTE DISPOSAL. SOLID WASTE, INDUSTRIAL WASTE, YARD WASTE, AND ANY OTHER POLLUTANTS OR WASTE ON ANY CONSTRUCTION SITE SHALL BE CONTROLLED THROUGH THE USE OF BMPs. WASTE OR RECYCLING CONTAINERS SHALL BE PROVIDED AND MAINTAINED BY THE OWNER OR CONTRACTOR ON CONSTRUCTION SITES WHERE THERE IS THE POTENTIAL FOR RELEASE OF WASTE UNCONTAINED WASTE THAT MAY BLOW, WASH, OR OTHERWISE BE RELEASED FROM THE SITE IS PROHIBITED.
- READY-MIXED CONCRETE, OR ANY OTHER MATERIALS RESULTING FROM THE CLEANING OF VEHICLES OR EQUIPMENT CONTAINING OR USED IN TRANSPORTING OR APPLYING READY-MIXED CONCRETE, SHALL BE CONTAINED ON CONSTRUCTION SITES FOR PROPER DISPOSAL. RELEASE OF THESE MATERIALS IS PROHIBITED.
- BMPs SHALL BE IMPLEMENTED TO PREVENT THE RELEASE OF SEDIMENT FROM CONSTRUCTION SITES. DISTURBED AREAS SHALL BE MINIMIZED. DISTRIBUTED SOIL SHALL BE MANAGED AND CONSTRUCTION SITE ENTRANCES SHALL BE MANAGED TO PREVENT SEDIMENT TRACKING. EXCESSIVE SEDIMENT TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED IMMEDIATELY.
- UPON COMPLETION OF PERMITTED CONSTRUCTION ACTIVITY ON ANY SITE, THE PROPERTY OWNER AND SUBSEQUENT PROPERTY OWNERS WILL BE RESPONSIBLE FOR CONTINUED COMPLIANCE WITH THE REQUIREMENTS.
- DEWATERING MAY BE NECESSARY AND SHALL MEET ALL IEP/NDPES REQUIREMENTS FOR FILTERING/TREATMENT PRIOR TO RELEASING FROM THE SITE.
- CONTRACTOR SHALL IMPLEMENT APPROPRIATE DUST CONTROL MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES TO MINIMIZE AIRBORNE PARTICULATE MATTER AND PREVENT OFF-SITE MIGRATION. METHODS MAY INCLUDE, BUT ARE NOT LIMITED TO, REGULAR APPLICATION OF WATER TO DISTURBED SOIL AREAS, USE OF WIND BARRIERS, COVERING OF STOCKPILES, AND LIMITING VEHICLE SPEEDS ON UNPAVED SURFACES. ALL DUST CONTROL PRACTICES SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

SITE DESCRIPTION

SITE LOCATION: 13825 METRIC ROAD ROSCOE, ILL. WINNEBAGO COUNTY, BEING A PORTION OF THE SOUTHWEST CORNER OF SECTION 16, TOWNSHIP 48N, RANGE 2E, OF THE THIRD PRINCIPAL MERIDIAN.
 LATITUDE: 42.400581
 LONGITUDE: -89.0139467

ADJACENT PROPERTIES: THE SITE IS BORDERED BY FARMLAND TO THE NORTH AND EAST AND COMMERCIAL LOTS TO THE SOUTH AND WEST.

SITE TOPOGRAPHY: THE PROJECT AREA IS RELATIVELY FLAT AND SLOPES FROM THE EAST END, AT AN ELEVATION OF 772, TO THE DRAINAGE DITCHES ALONG THE NORTH AND WEST ENDS AT AN ELEVATION OF 769. THE EXISTING VEGETATION ON SITE CONSISTS OF TALL GRASS AND A GRAVEL PARKING AREA.

RAINFALL INFORMATION: THE TOTAL AVERAGE ANNUAL RAINFALL FOR THE PROJECT AREA IS APPROXIMATELY 38 INCHES.

POST-CONSTRUCTION CONDITIONS: POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.60 (IMPERVIOUS C = 0.95, PERVIOUS C = 0.25).

TOTAL SITE AREA:
 LIMITS OF SITE = 63.76 AC±
 LIMITS OF DISTURBANCE = 2.15 AC±
 DISTURBED AREA IMPERVIOUS AREA: 1.07 AC±
 DISTURBED AREA SEEDED AREA: 1.08 AC±

ENVIRONMENTAL PERMITS - OTHER THAN NDPES, STORMWATER AND/OR EROSION AND SEDIMENT CONTROL:
 WETLANDS: NONE
 THREATENED AND ENDANGERED SPECIES: THERE ARE NO KNOWN ISSUES RELATED TO THREATENED AND ENDANGERED SPECIES
 HISTORICAL PROPERTIES: THERE ARE NO KNOWN ISSUES RELATED TO HISTORICAL PRESERVATION

STORMWATER OUTFLOW CONTRIBUTING AND RECEIVING WATERS

FROM SITE - DRAINAGE AREA "A" (2.15 ACRES) CONSISTING OF LANDSCAPED AREAS, PAVED AREAS AND BUILDINGS. ALL FLOWS TREATED BY PERIMETER AND INTERMEDIATE BMP'S AND TRANSPORTED VIA OVERLAND AND STORM SEWER. THIS DRAINAGE AREA ULTIMATELY DRAINS TO THE EAST OF THE SITE WHERE IT LEAVES THE SITE VIA STORM SEWER AND OVERLAND FLOW THROUGH DITCHES.

TO RECEIVING WATERS - ULTIMATELY CONVEYED TO DRY CREEK LOCATED APPROXIMATELY 800' TO THE EAST OF THE SITE.

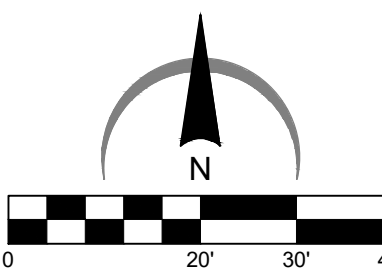
LEGEND

SEE SITE PLAN SET FOR EXISTING SYMBOLS

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- PERMANENT STORM SEWER FLOWING TO THE LEFT. SEE SITE DRAINAGE PLAN FOR PERMANENT STORM SEWER INFORMATION
- PROPOSED CONTOUR LINE
- EXISTING CONTOUR LINE
- PROPOSED CURB AND GUTTER
- PROPOSED CATCH BASIN OR MANHOLE
- DIRECTION OF OVERLAND FLOOD ROUTE
- DIRECTION OF OVERLAND FLOW AND SLOPE
- TURF AREA (SEE LANDSCAPING PLAN FOR TYPE)
- SEE SPECIFIC KEY NOTE ON THIS SHEET

EROSION DETAILS (SEE SWPPP DETAILS SHEET FOR ITEMS BELOW)

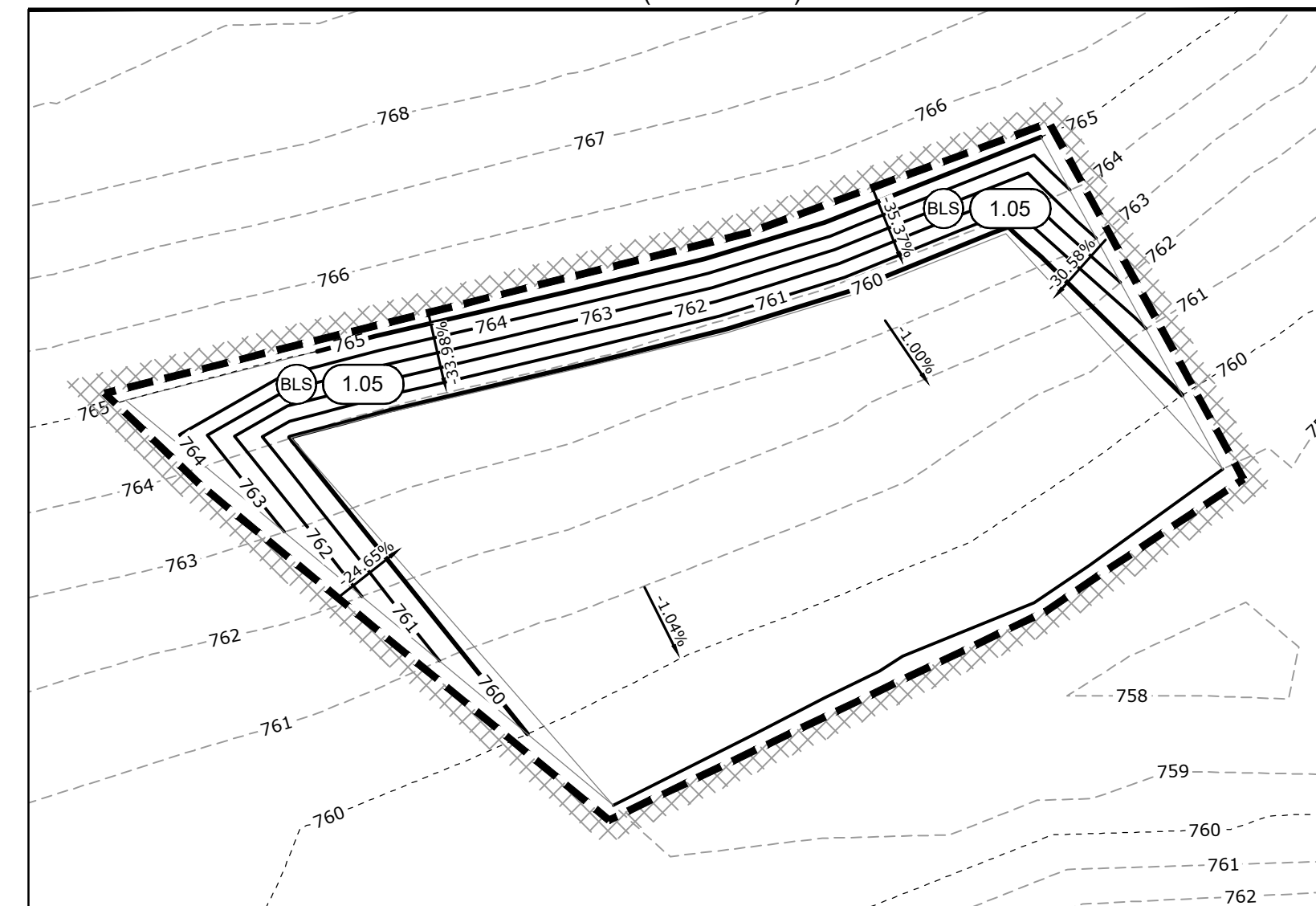
- 1.01 CE TEMPORARY STONE CONSTRUCTION EXIT
- 1.02 SF TEMPORARY SILT FENCE
- 1.03 IP INLET PROTECTION PER STRUCTURE TYPE
- 1.04 OCP OUTLET CONTROL PROTECTION
- 1.05 BLS SHORT TERM SLOPE EROSION CONTROL BLANKET
- WO CONCRETE WASHOUT
- SWPPP SIGN



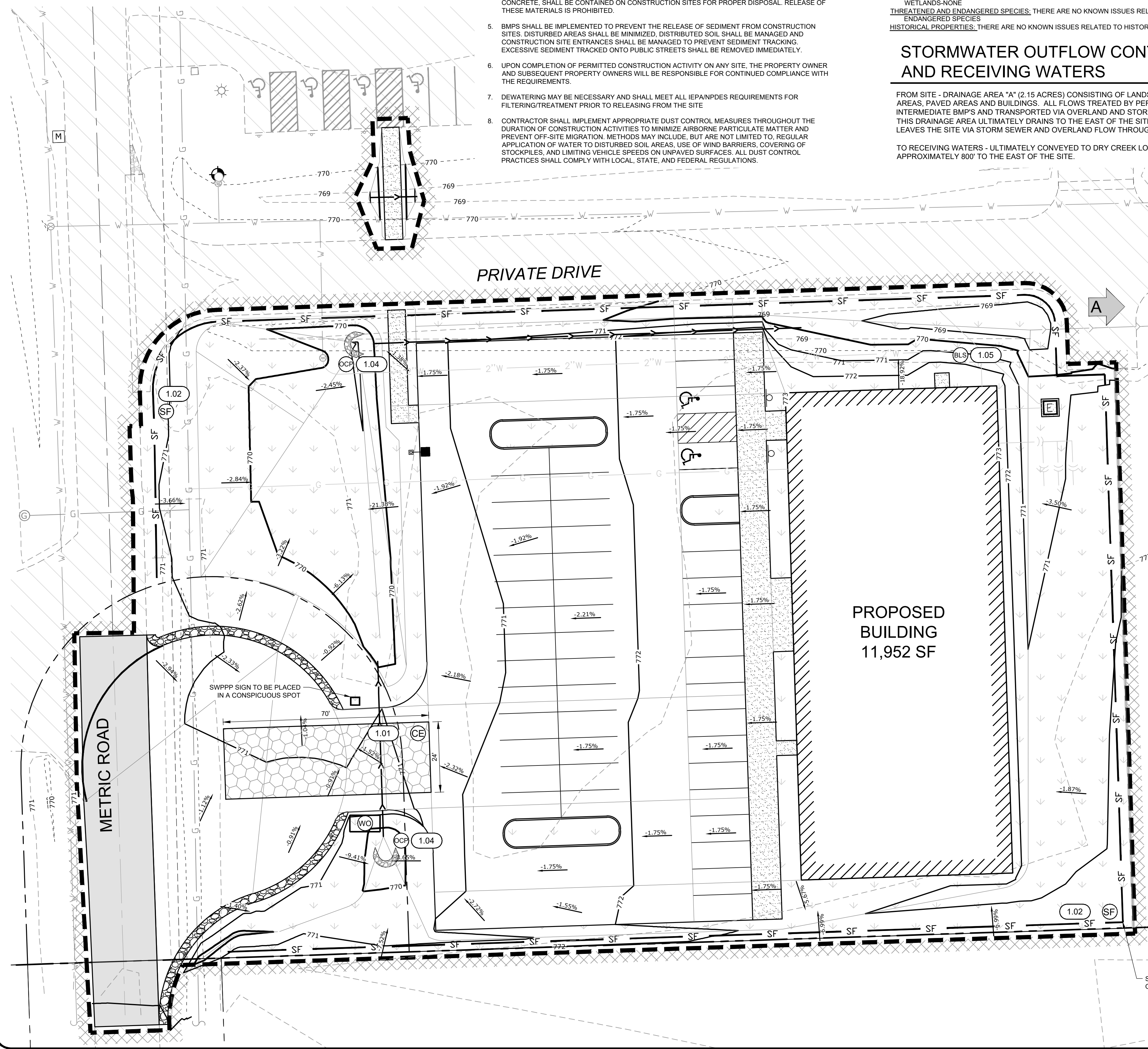
EROSION CONTROL REFERENCE NOTES

- SEE CONSTRUCTION EXIT DETAIL IL-630 FROM THE ILLINOIS URBAN MANUAL (THIS DETAIL AND OTHERS CAN BE FOUND IN THE SWPPP BINDER FOR THIS SITE). THE CONSTRUCTION EXIT SHALL BE A MINIMUM OF 24" IN WIDTH AND 70' FEET IN LENGTH FROM EXISTING PAVED SURFACE. ALL CONSTRUCTION TRAFFIC MUST UTILIZE CONSTRUCTION EXITS PER DETAIL TO ACCESS THE PUBLIC ROAD. DURING CONSTRUCTION, THE CONSTRUCTION EXITS MAY BE SHIFTED AT THE CONTRACTOR'S DISCRETION TO FACILITATE GRADING OPERATION. EXIT MUST TERMINATE AT EXISTING PAVED SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE RUNOFF FROM THE CONSTRUCTION EXIT IS DIRECTED BACK TOWARD THE SITE OR THAT THE RUNOFF IS CLEAR OF SEDIMENT.
- THE CONTRACTOR MAY PERMANENTLY REMOVE ANY PORTION OF THE PERIMETER SILT FENCE AFTER ESTABLISHMENT OF FINAL GRADE AND/OR FINAL STABILIZATION. THE RESPECTIVE PORTION OF THE PERIMETER SILT FENCE UPSTREAM OF A DISTURBANCE AND/OR INEFFECTIVE AS A BEST MANAGEMENT PRACTICE. ANY SUCH REMOVAL SHALL BE NOTED ON THE SWPPP SITE MAPS ALONG WITH UPSTREAM STABILIZATION AND GRADING CONDITIONS.
- NO STRUCTURE SHALL BE ALLOWED TO BE PROTECTED WITH ANY MEASURE OTHER THAN THOSE DETAILED IN THIS SWPPP SITE MAP FOR MORE THAN 48 HOURS OR IF RAIN IS IMMINENT. STRUCTURES THAT WILL NOT RECEIVE A CASTING WITHIN 48 HOURS OF INSTALLATION SHALL RECEIVE INLET PROTECTION. UPON INSTALLATION OF THE GRATE, INLET PROTECTION SHALL BE INSTALLED RESPECTIVE TO THE TYPE OF GRATE. STRUCTURES WITH CLOSED LIDS WILL NOT REQUIRE PROTECTION FOLLOWING INSTALLATION OF LID. CONTRACTOR SHALL NOTE TIME STRUCTURE INSTALLATION AND PROTECTION INSTALLATION, INCLUDING TYPES OF PROTECTION ARE EMPLOYED. WHENEVER PIPE INSTALLATION IS HALTED FOR MORE THAN 24 HOURS OR WHEN RAIN IS IMMINENT, THE OPEN END SHALL BE PROTECTED WITH A TEMPORARY BULK HEAD. A 3/4" SHEET OF PLYWOOD THAT EXTENDS 6" BEYOND THE OUTSIDE DIAMETER OF THE PIPE SHALL BE PLACED AGAINST THE EXPOSED PIPE END. GRAVEL SHALL BE PLACED AGAINST THE PLYWOOD IN SUFFICIENT QUANTITY SO AS TO ENSURE THE TIGHTEST POSSIBLE SEAL. THE TRENCH SHALL BE DEWATERED PRIOR TO REMOVING THE BULKHEAD.
- OCP SHALL BE PLACED TO PROTECT THE UPSTREAM END OF THE PERMANENT OUTFLOW PIPE PRIOR TO PIPE INSTALLATION. SEE PLAN FOR FINAL LOCATION AND TOP OF OCP ELEVATION. FOLLOWING BASIN SIDE SLOPE STABILIZATION, THE OCP SHALL BE REPLACED WITH THE PERMANENT RIPRAP PAD SPECIFIED ON THE SITE DRAINAGE PLAN.
- SHORT TERM EROSION CONTROL FABRIC NAG SC150 SHALL BE APPLIED TO ALL SLOPES 4:1 OR STEEPER THAN 4:1 PRIOR TO PERMANENT SEEDING. FOLLOW MANUFACTURER SPECIFICATIONS FOR INSTALLATION. CONTRACTOR SHALL NOTE ALL AREAS WHERE NAG SC150 HAS BEEN INSTALLED RELATIVE TO ASBUILT GRADES AND FURNISH THESE BOUNDARIES TO THE CIVIL ENGINEER UPON REQUEST. PERMANENT SEEDING SHOULD BE PLANTED AS SOON AS IT IS PRACTICAL TO ENSURE PROPER GERMINATION PRIOR TO TERMINATION OF PERMIT COVERAGE. THE CONTRACTOR SHALL PLANT PERMANENT SEEDING AS SPECIFIED ON THE LANDSCAPING PLAN AS SOON AS FINAL BASIN GRADES ARE ESTABLISHED AS SPECIFIED ON THE GRADING PLAN. SEE SITE LANDSCAPING PLAN FOR EXACT GROUND COVER TYPE AND LOCATION.

DETENTION BASIN DETAIL (SCALE 1:30)



SILT FENCE REQUIRED AT EXTENTS OF DISTURBANCE PLANS SHOW



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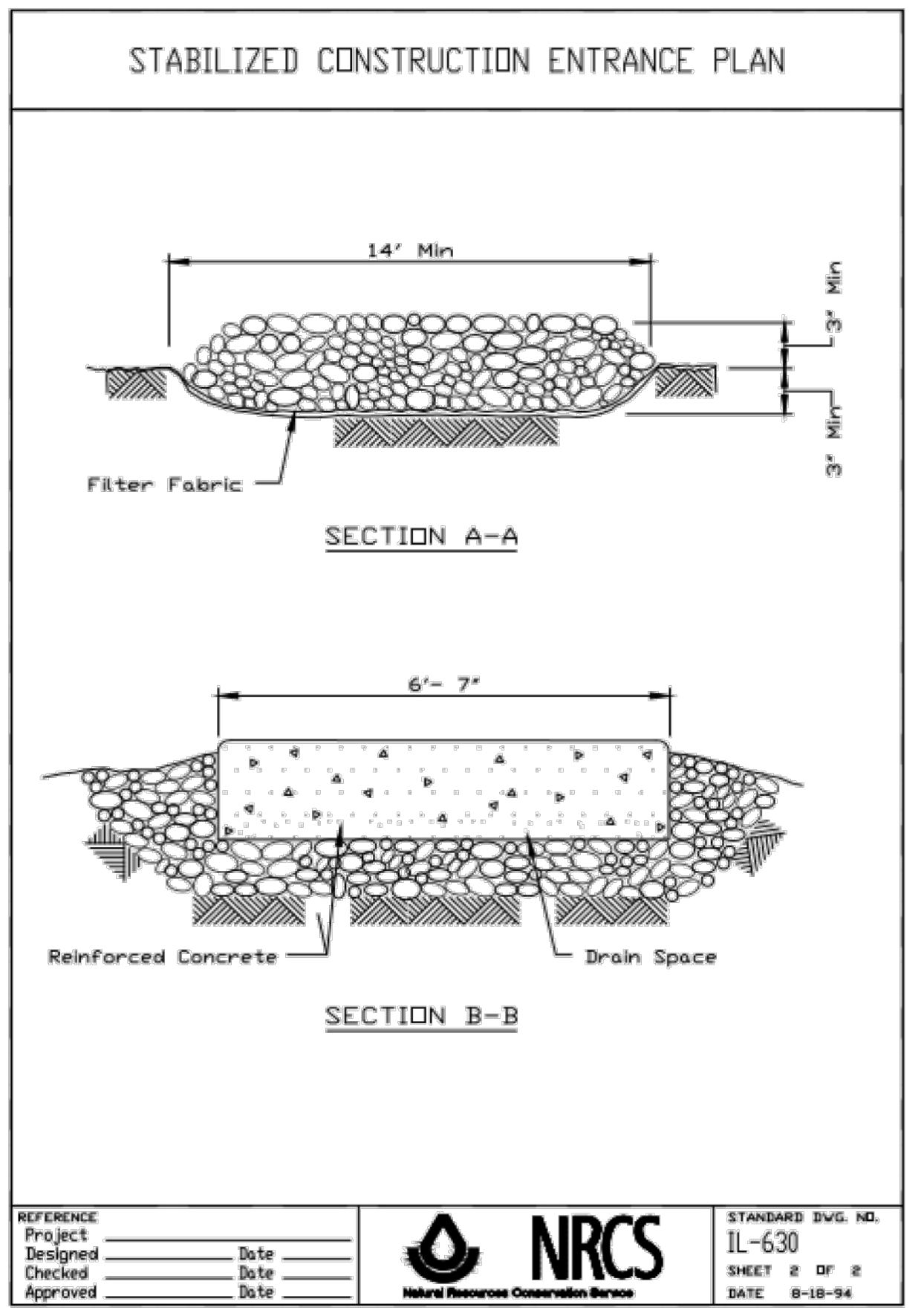
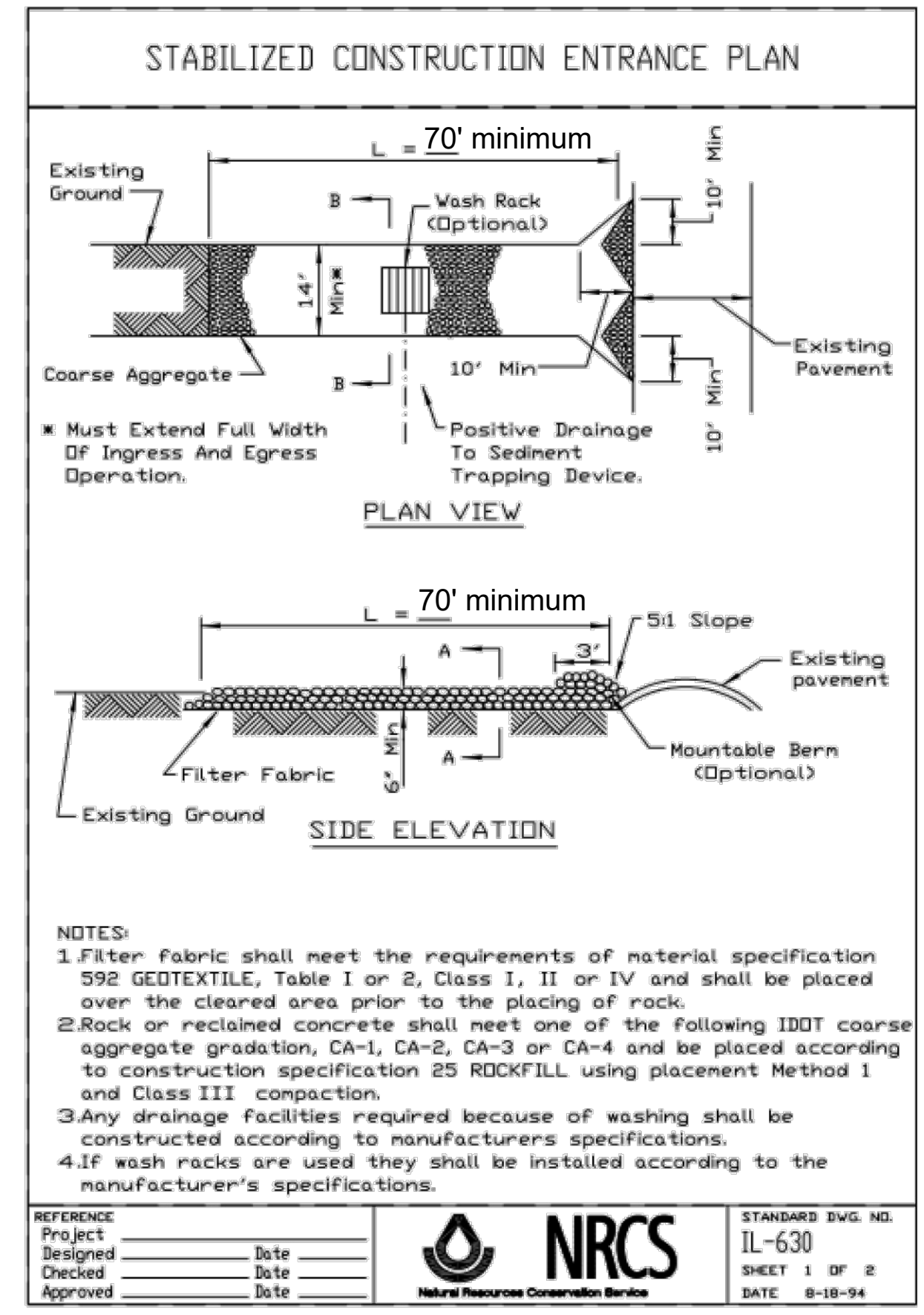
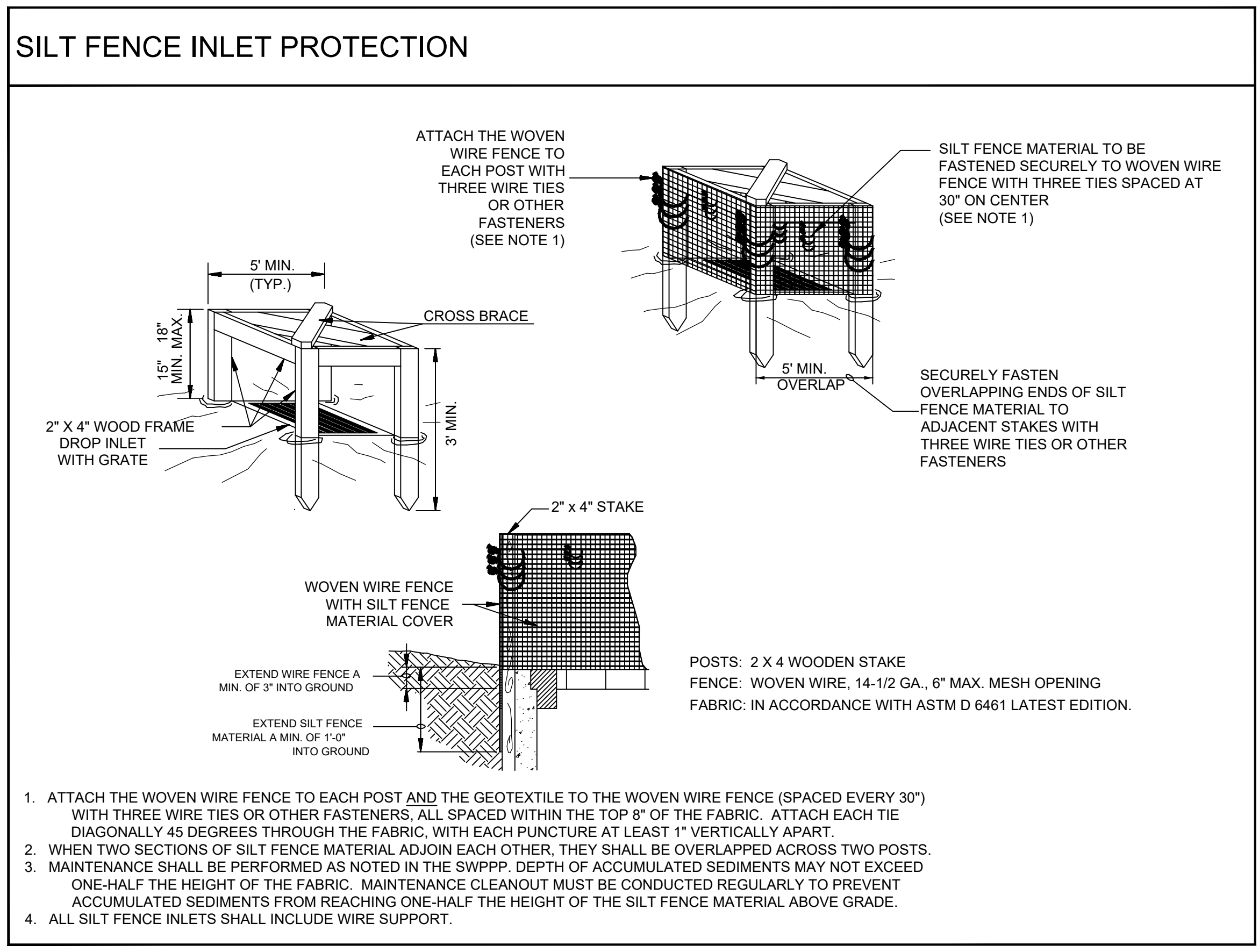
ISSUED FOR	DATE
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REVISIONS	DATE
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SHEET TITLE
SWPPP MAP

DRAWN	TRS
CHECKED	LND
PM	RCS

PROJECT NUMBER
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20034
C06



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SHEET TITLE

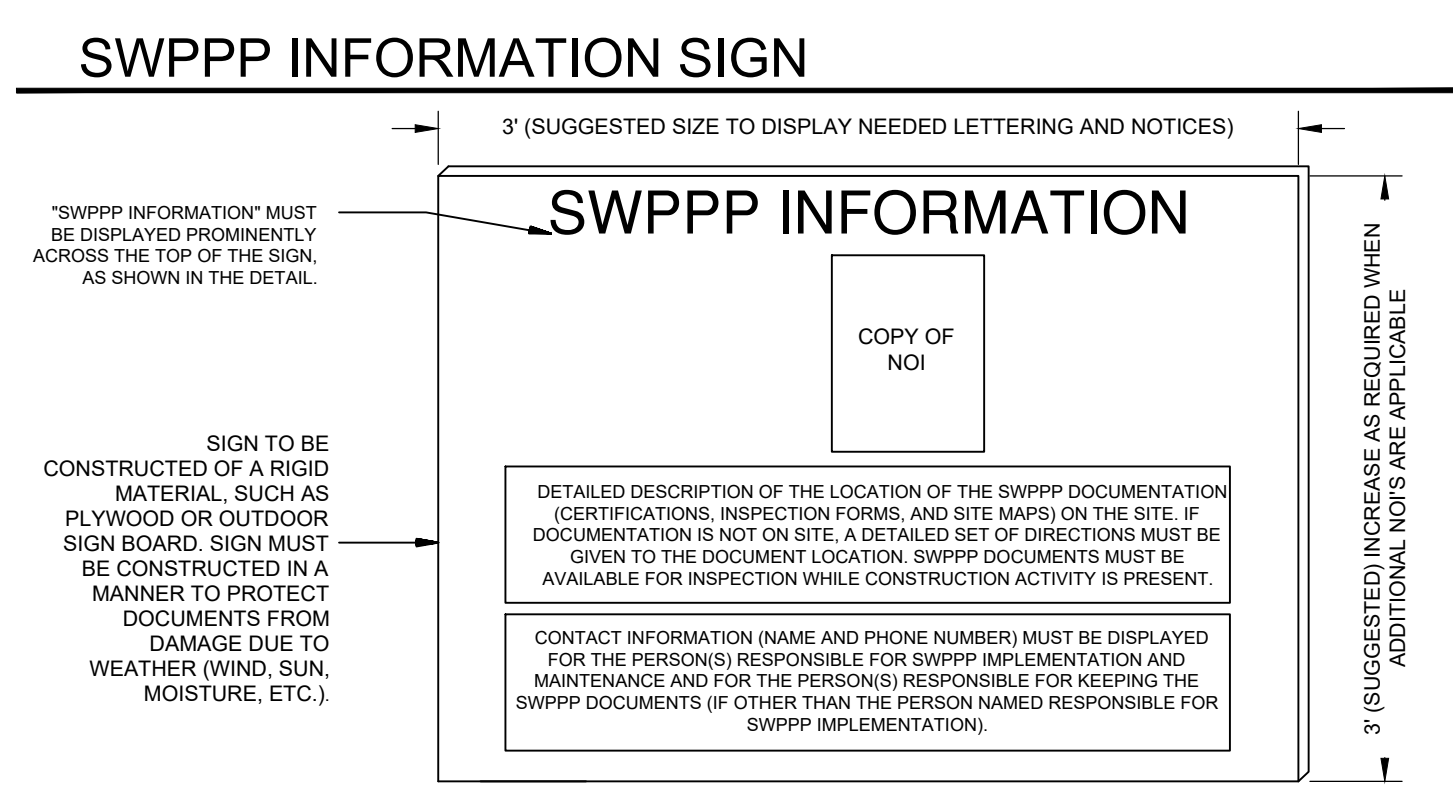
SWPPP DETAILS

DRAWN TRS
 CHECKED LND
 PM RCS

PROJECT NUMBER SHEET NUMBER

20034

C07

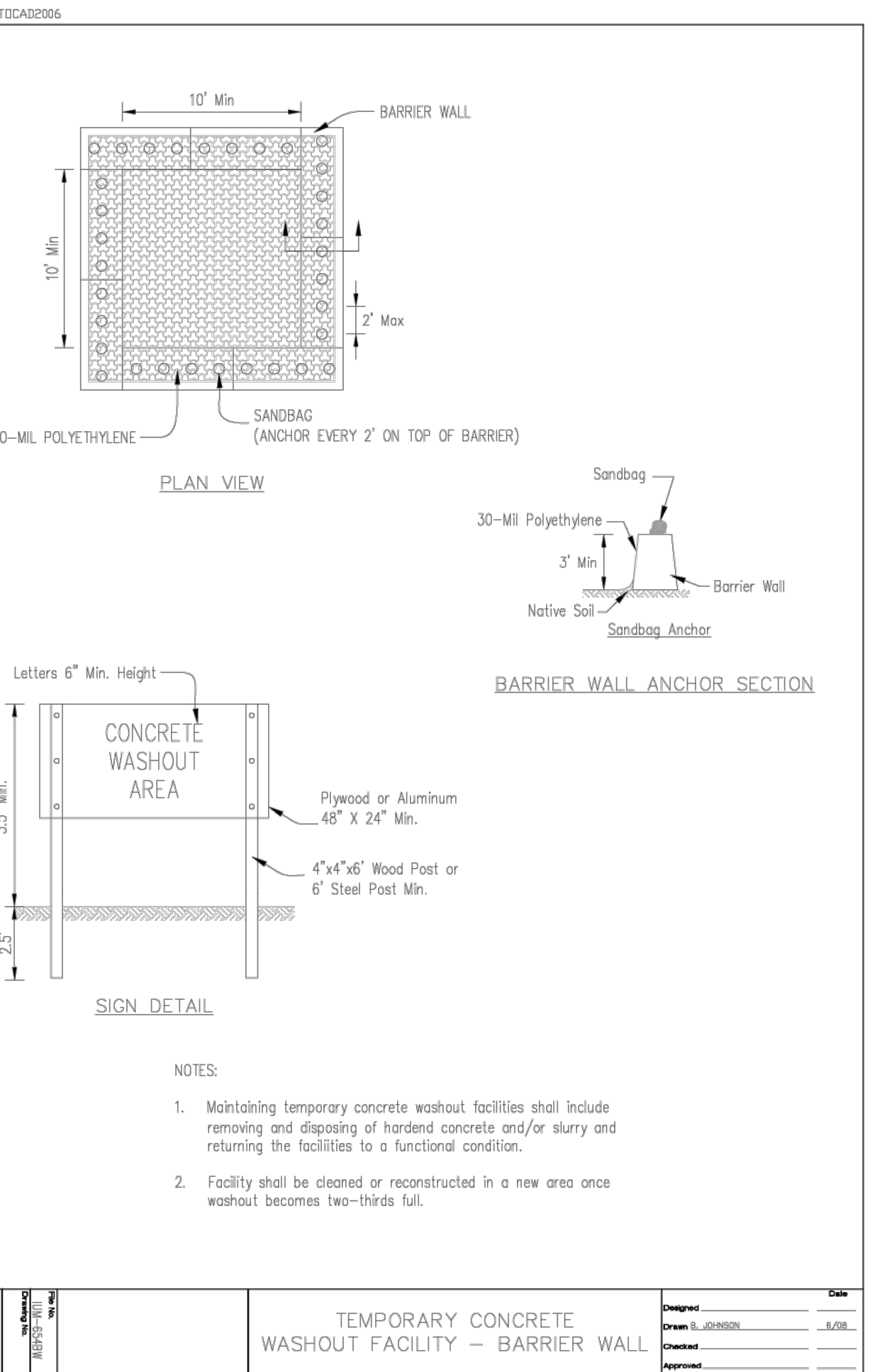
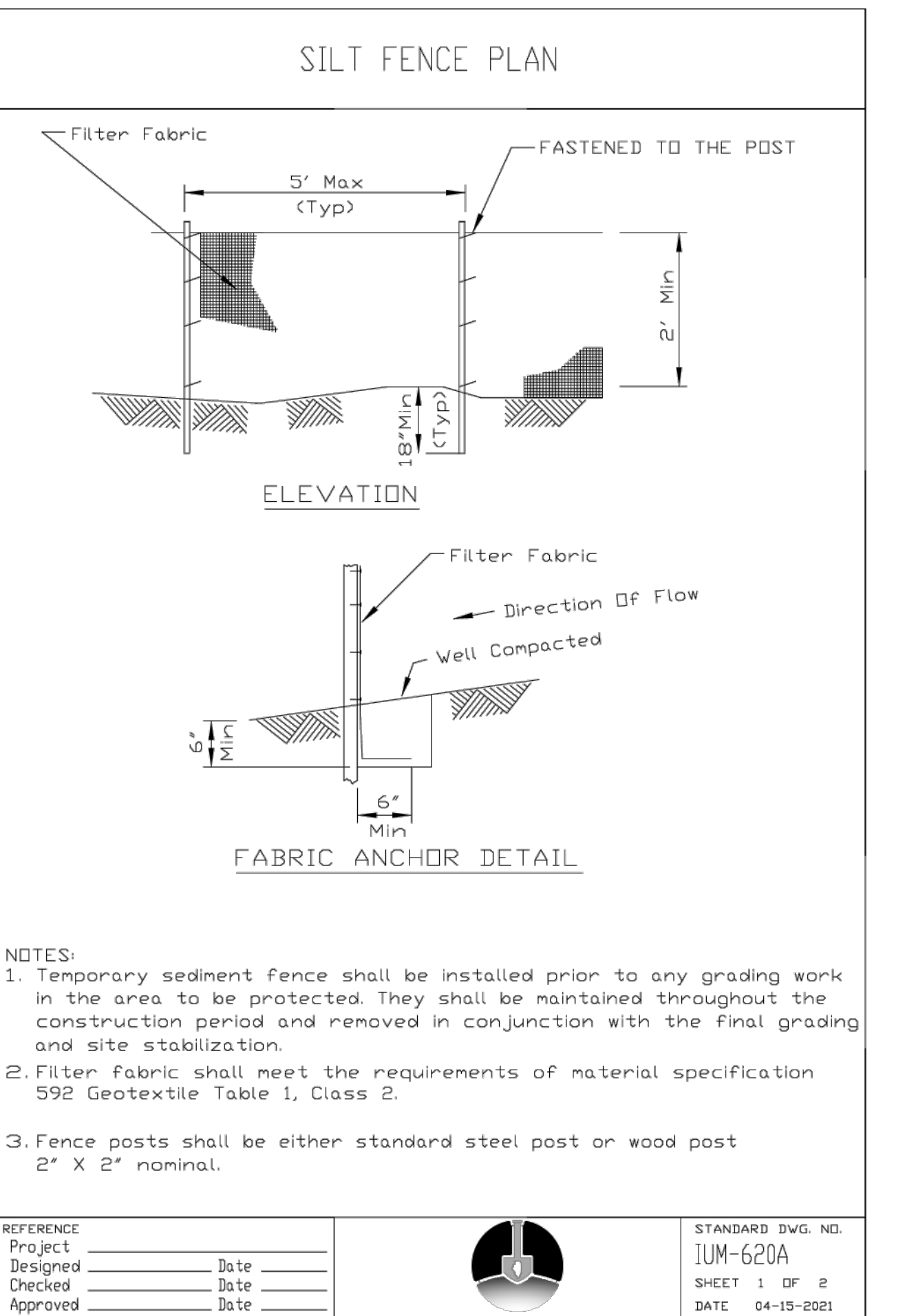
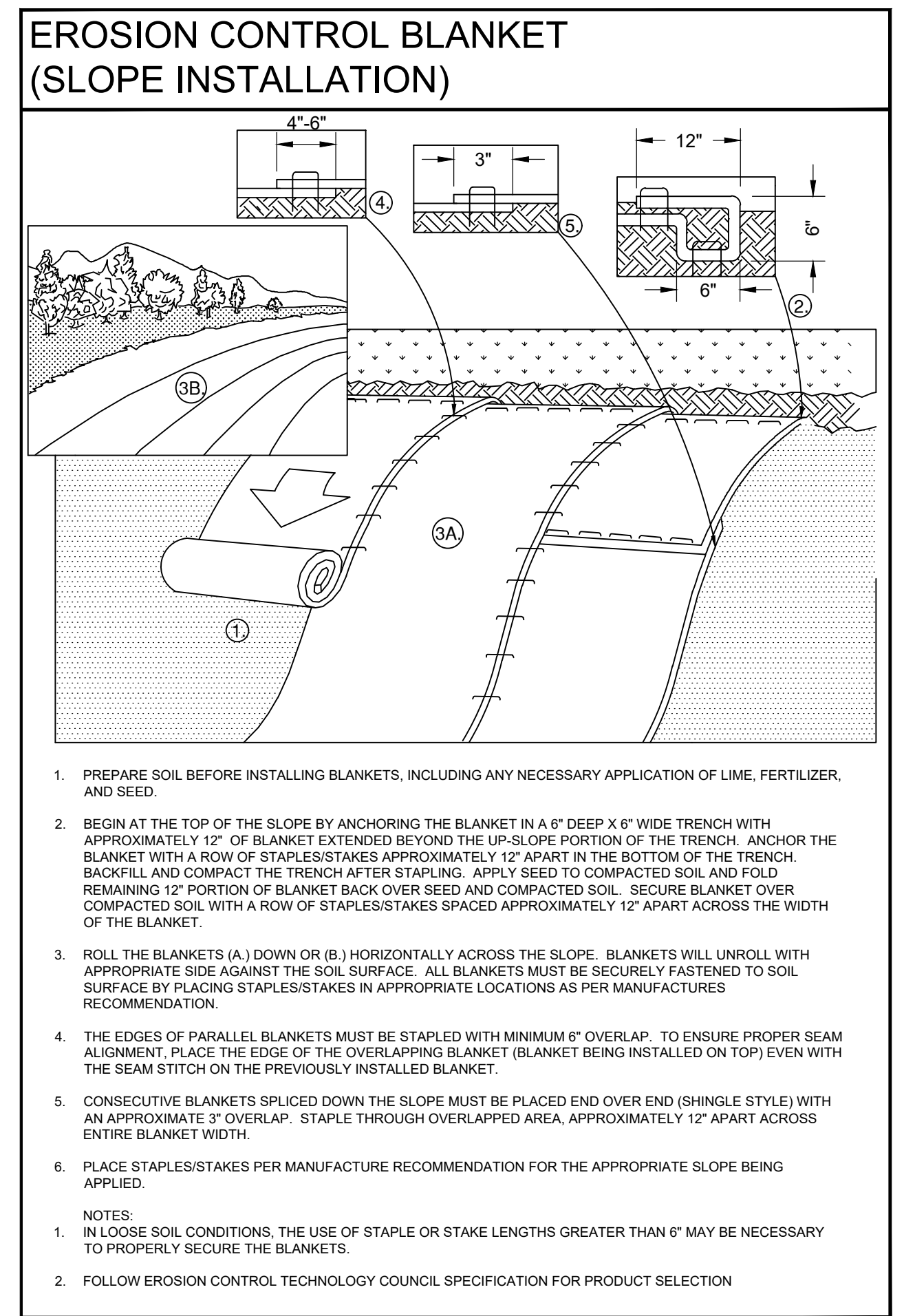


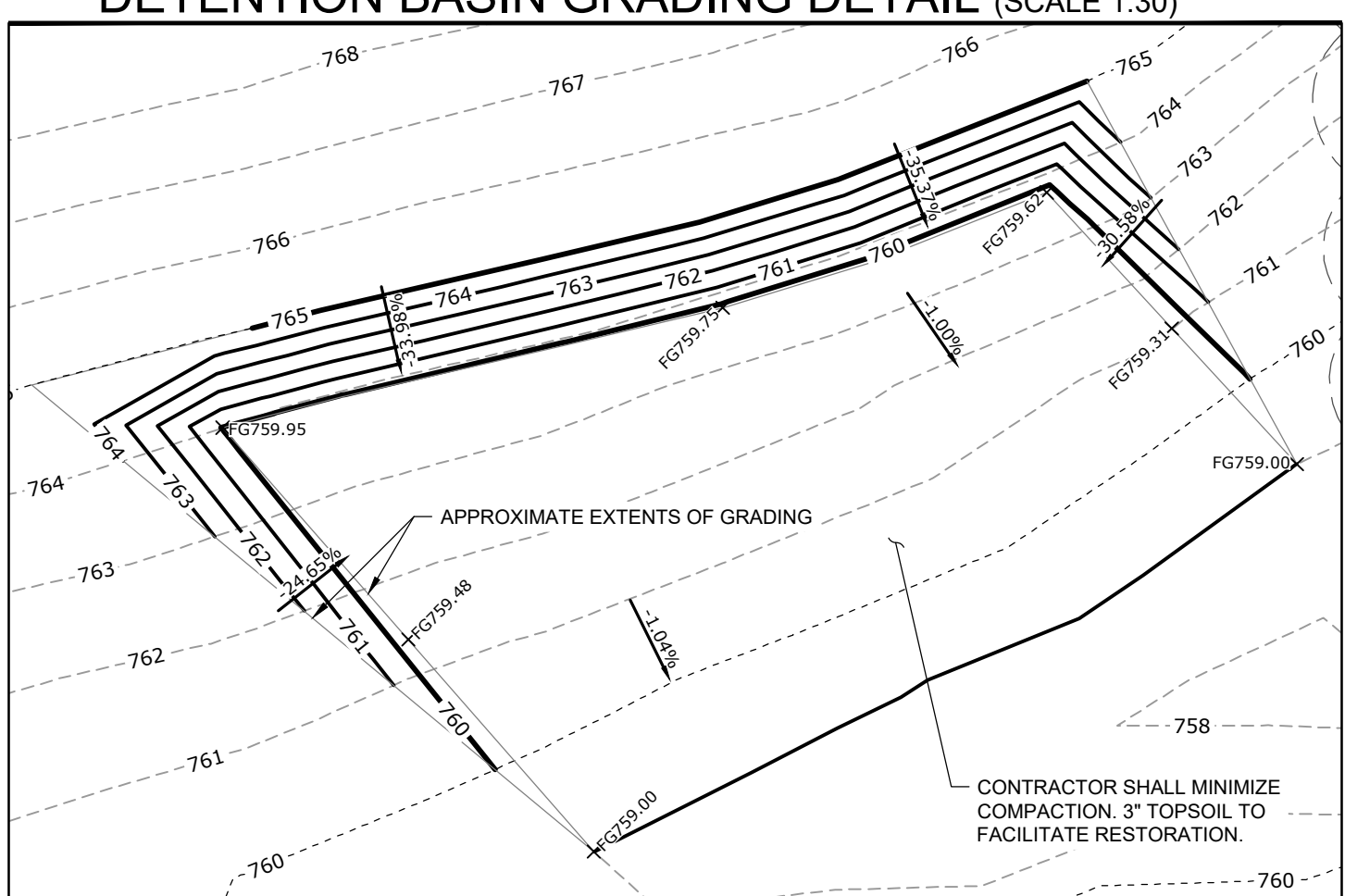
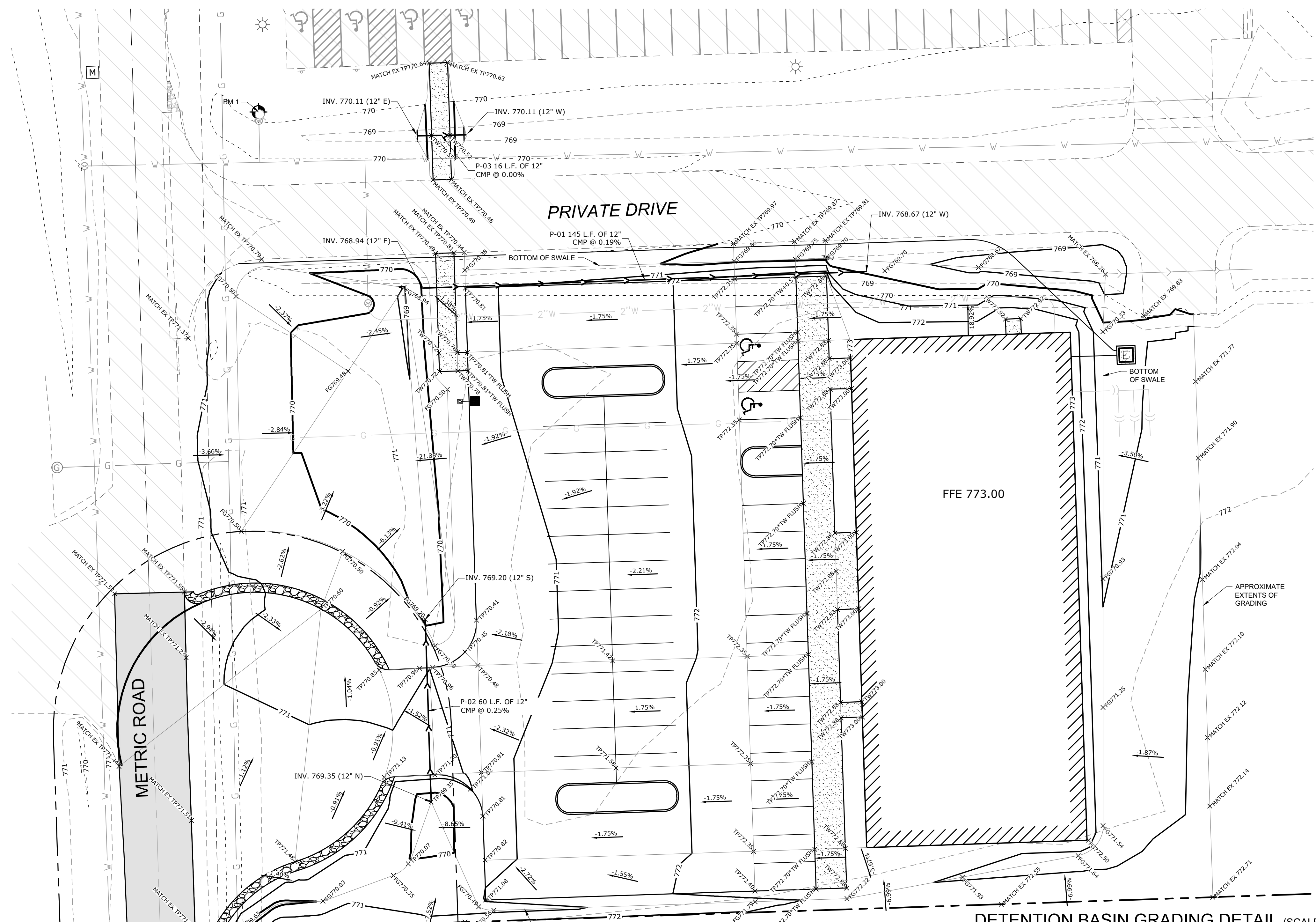
SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

	2026											
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONSTRUCTION EXITS												
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
ROUGH GRADE												
STORM FACILITIES												
SITE CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
FOUNDATION / BUILDING CONSTRUCTION												
FINISH GRADING												
LANDSCAPING/SEED/FINAL STABILIZATION												

1) SHADING SHOWN IS AN ESTIMATE FOR THE CONSTRUCTION SCHEDULE. CONTRACTOR SHALL UPDATE THE TABLE BY SHADING OR DATING THE APPLICABLE ACTIVITIES AS PROJECT PROGRESSES. 2) TIME SCHEDULE MUST COINCIDE WITH SEQUENCE OF CONSTRUCTION. 3) CONTRACTOR MUST KEEP RECORD OF ALL MAJOR DATES AS REQUIRED BY GENERAL PERMIT SECTION IV.D.2.B.

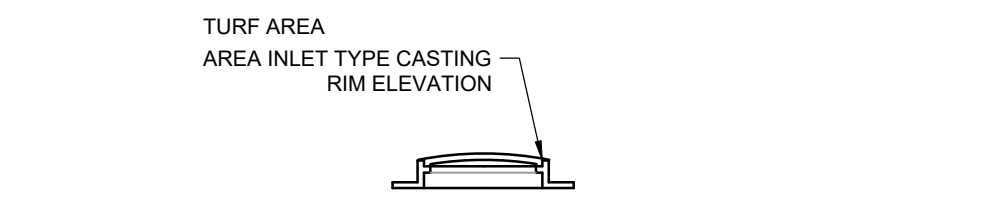




LEGEND

- PROPERTY LINE
- - - LOT LINE
- EXISTING RIGHT-OF-WAY
- ==== PROPOSED CURB AND GUTTER
- ==== EXISTING CURB AND GUTTER
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE BREAK LINE
- PROPOSED CONTOUR LINE
- EXISTING CONTOUR LINE
- ⊙ PROPOSED CATCH BASIN OR MANHOLE
- PROPOSED CLEANOUT
- 1.6% DIRECTION OF SHEET FLOW
- + TOPWALL
- + FLOOR
- + TOPWALL
- + BOTTOMWALL
- ⊙ BENCHMARK
- ➔ EMERGENCY OVERLAND FLOW ROUTE

RIM ELEVATION DEFINITION

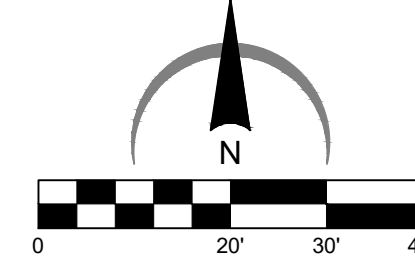


GRADING NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL OR VERTICAL CONTROL BY REFERENCING SHOWN COORDINATES OR ELEVATIONS TO HORIZONTAL OR VERTICAL CONTROL POINTS PRIOR TO PROCEEDING WITH WORK.
2. ALL UNSURFACED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL AND SODDED (OR SEEDED WHERE NOTED) AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
3. ALL STORM SEWER PIPE IS TO BE REINFORCED CONCRETE CULVERT PIPE CLASS IV UNLESS OTHERWISE NOTED. WHERE HDPE OR PVC PIPE IS LISTED AS ACCEPTABLE MATERIALS, PVC SDR 35, HDPE DOUBLE WALL (ADS N-12), OR PVC SCHEDULE 40 MAY BE USED AT THE CONTRACTOR'S DISCRETION.
4. THE MAXIMUM SLOPE RATIO ON CUT/FILL SLOPES IS 3 HORIZONTAL TO 1 VERTICAL.
5. PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL SET ALL CLEANOUT, MANHOLE AND INLET CASTINGS, FIRE HYDRANTS AND VALVE BOXES TO FINISHED GRADE.
7. ALL PROPOSED PAVED AREAS SHALL BE STRIPPED OF ALL TOPSOIL AND UNSUITABLE MATERIAL AND EXCAVATED OR FILLED TO WITHIN 0.10 FEET OF DESIGN SUBGRADE.
8. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.
9. ROOF AND CANOPY DRAIN SHALL INCORPORATE BOOT PER DETAIL. 6" PVC PIPE SHALL EXTEND TO A MAIN AS SHOWN ON THE PLAN. POSITIVE DRAINAGE SHALL BE MAINTAINED TOWARD MAIN AT 1.0% MINIMUM SLOPE. 6" PVC CONNECTION TO BE MADE WITH INSERT-A-TEE OR ENGINEER APPROVED EQUIVALENT BETWEEN DISSIMILAR MATERIALS.

BENCHMARKS

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BENCHMARK 1 X CUT IN MUELLER BOLT ON FIRE HYDRANT	772.54
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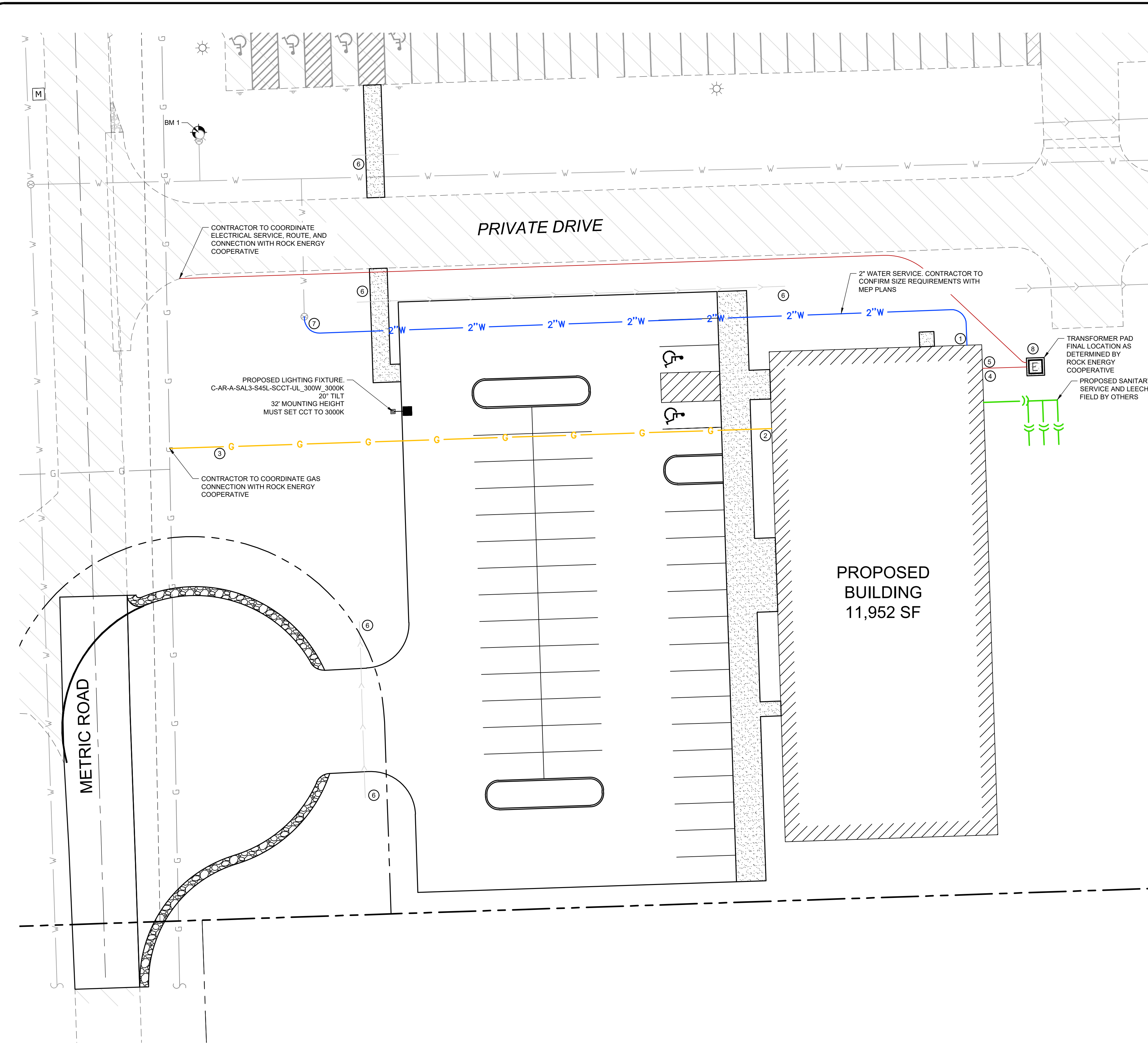
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SHEET TITLE
GRADING AND DRAINAGE PLAN

DRAWN	JO
CHECKED	LND
PM	RCS

PROJECT NUMBER
 SHEET NUMBER
20034
C08



LEGEND

- PROPERTY LINE
- - - LOT LINE
- - - EXISTING RIGHT-OF-WAY
- ==== PROPOSED CURB AND GUTTER
- ===== EXISTING CURB AND GUTTER
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- G --- EXISTING GAS MAIN
- G --- PROPOSED GAS MAIN
- W --- EXISTING WATER MAIN
- W --- PROPOSED WATER SERVICE
- E --- PROPOSED UNDERGROUND ELECTRIC SERVICE
- [E] PROPOSED TRANSFORMER
- [FH] EXISTING FIRE HYDRANT ASSEMBLY
- [WV] EXISTING WATER VALVE
- [PWV] PROPOSED WATER VALVE
- [M] EXISTING MANHOLE OR CATCH BASIN
- [SM] EXISTING SANITARY MANHOLE
- [UP] EXISTING UTILITY POLE
- [LP] EXISTING LIGHT POLE
- [LFP] PROPOSED LIGHT POLE & FIXTURE

UTILITY KEY LEGEND

- ① WATER METER AND PROPOSED WATER SERVICE. CONTRACTOR SHALL PURCHASE THE WATER METERS THROUGH THE VILLAGE OF ROSCOE WATER UTILITY DEPARTMENT.
- ② GAS SERVICE ENTRY AND METER (RE: ARCH)
- ③ PROPOSED 1.5" SCH. 40 STEEL PIPE GAS SERVICE (COORDINATE INSTALLATION WITH ROCK ENERGY COOPERATIVE). 680 MBH - 680,000 MBH INPUT - 618 CU FT/HR HOUSE PRESSURE 7" W.C.
- ④ PROPOSED ELECTRICAL SERVICE WITH PAD MOUNTED TRANSFORMER (ELECTRIC 3 PHASE, 800 AMP 120/208 VOLTS, 4 WIRE) (CONTRACTOR TO COORDINATE CONNECTION WITH ROCK ENERGY COOPERATIVE PRIOR TO CONSTRUCTION)
- ⑤ PROPOSED PHONE SERVICE (8 PAIR, 4 LINES)
- ⑥ STORM SEWER, REFER TO DRAINAGE PLAN
- ⑦ CONNECT WATER SERVICE TO VALVE. SEE THIS SHEET FOR LOCATION.
- ⑧ CONTRACTOR SHALL INSTALL A 4" SCH. 40 PVC CONDUIT FOR THE PROPOSED ELECTRICAL SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE PROPOSED SERVICE WITH ROCK ENERGY COOPERATIVE.

UTILITY NOTES

1. THE CONTRACTOR SHALL PROVIDE PROPER SAFETY DEVICES IN ACCORDANCE WITH OSHA STANDARDS FOR ALL STAFF WORKING IN OPEN TRENCH CONDITIONS. TRENCH BOXES AND OTHER SHORING SHALL BE REQUIRED FOR ALL TRENCH WORK, IN THE CITY RIGHT-OF-WAY, AND ON PRIVATE PROPERTY, WHILE THE SITE IS UNDER CONSTRUCTION.
2. ALL PRIVATE WATER MAINS CONSTRUCTED ON THE PROPERTY ARE TO BE CONSTRUCTED WITH MATERIALS THAT FOLLOW THE STATE OF ILLINOIS, VILLAGE OF ISLAND LAKE PUBLIC WORKS DEPARTMENT, AND ILLINOIS REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THE VILLAGE OF ISLAND LAKE PUBLIC UTILITIES DEPARTMENT, ILLINOIS REQUIREMENTS FOR PIPE MATERIAL AND OTHER WATER MAIN APPURTENANCES.
3. EXISTING UTILITY INFORMATION IS SHOWN FROM SURVEY WORK BY OTHERS, FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS AND AS-BUILT DRAWINGS. EXACT LOCATIONS AND ELEVATIONS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.
4. CONTACT ALL PUBLIC AND PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO ANY EXCAVATION. COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE, OF EXISTING UTILITIES, AND VERIFY FLOOR, CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL CONTROL PRIOR TO PROCEEDING WITH WORK.
6. REFER TO BUILDING PLANS FOR EXACT LOCATIONS OF NEW UTILITY ENTRIES.
7. CONTRACTOR SHALL SET ALL CLEANOUTS, CASTINGS, AND VALVE BOXES TO FINISHED GRADE.
8. CONTRACTOR SHALL COORDINATE THE WATER AND SEWER CONNECTIONS WITH THE VILLAGE OF ISLAND LAKE PUBLIC UTILITIES DEPARTMENT AND THE NORTHERN MORAINNE WASTEWATER RECLAMATION DISTRICT (NMWRD).
9. ALL SEWER WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.
10. SANITARY SEWER SERVICES SHALL BE 6" PVC, SDR 26 IN ACCORDANCE WITH ASTM D-2241.
11. CONNECT SANITARY SEWER, CROSSING RIVER ROAD, TO EXISTING MANHOLE BY CORE DRILLING AND USING FLEXIBLE RUBBER BOOT PER ASTM C-442 AND C-923 W/ STAINLESS STEEL BANDS.

ARC DESIGN RESOURCES INC.
 5281 ZENITH PARKWAY
 LOVES PARK, IL 61111
 VOICE: (815) 484-4300
 FAX: (815) 484-4303
 www.arcdesign.com
 Illinois Design Firm License No. 184-001334

PROJECT NAME
 OWNER'S NAME
HISTORIC AUTO ATTRACTIONS - FIRE TRUCK MUSEUM
 13825 METRIC ROAD
 ROSCOE, IL
 WINNEBAGO COUNTY
 WAYNE LENSING
 13825 METRIC ROAD
 ROSCOE, IL 61073
 (815) 389-7917

CONSULTANTS

ISSUED FOR

		DATE
1.	AGENCY REVIEW	01-28-2026
2.	OWNER REVIEW	02-24-2026
3.	OWNER REVIEW	03-06-2026
4.	AGENCY REVIEW	03-10-2026
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REVISIONS

ITEM	DATE
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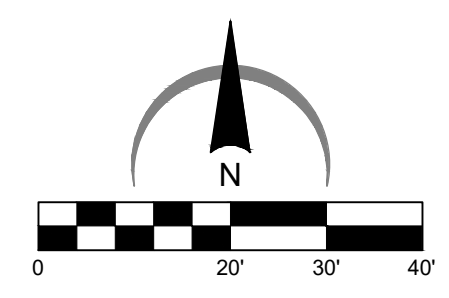
SHEET TITLE
UTILITY PLAN

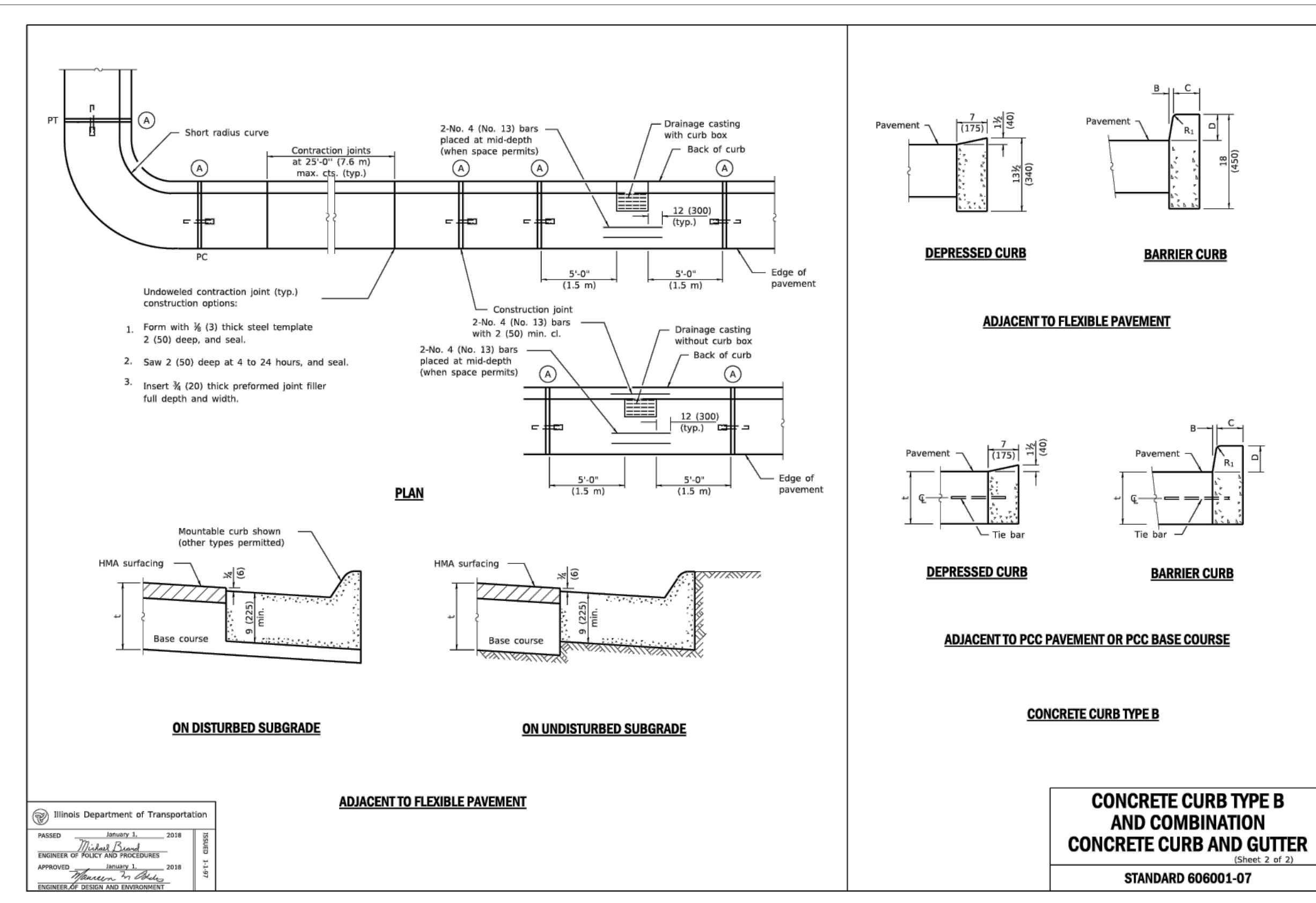
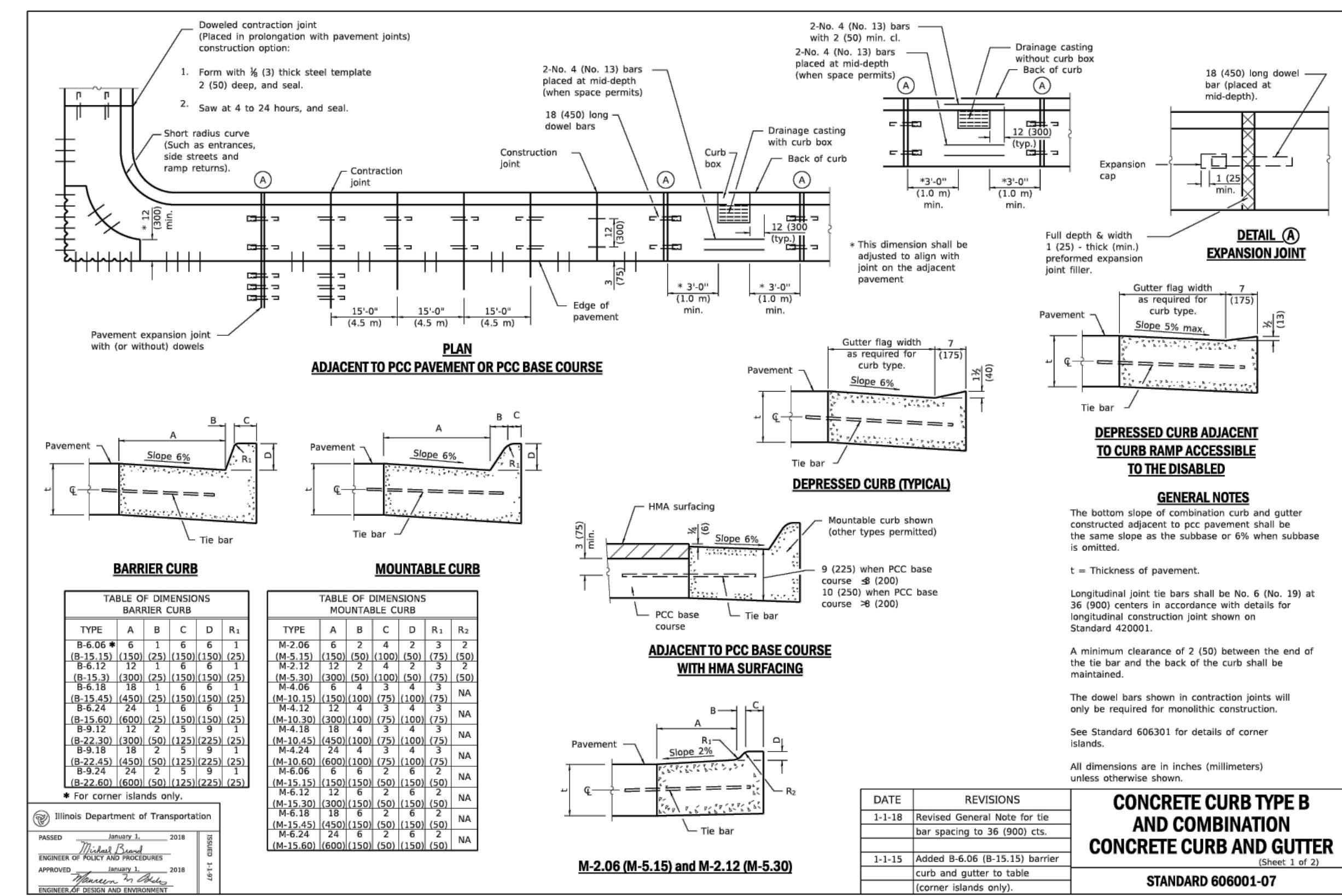
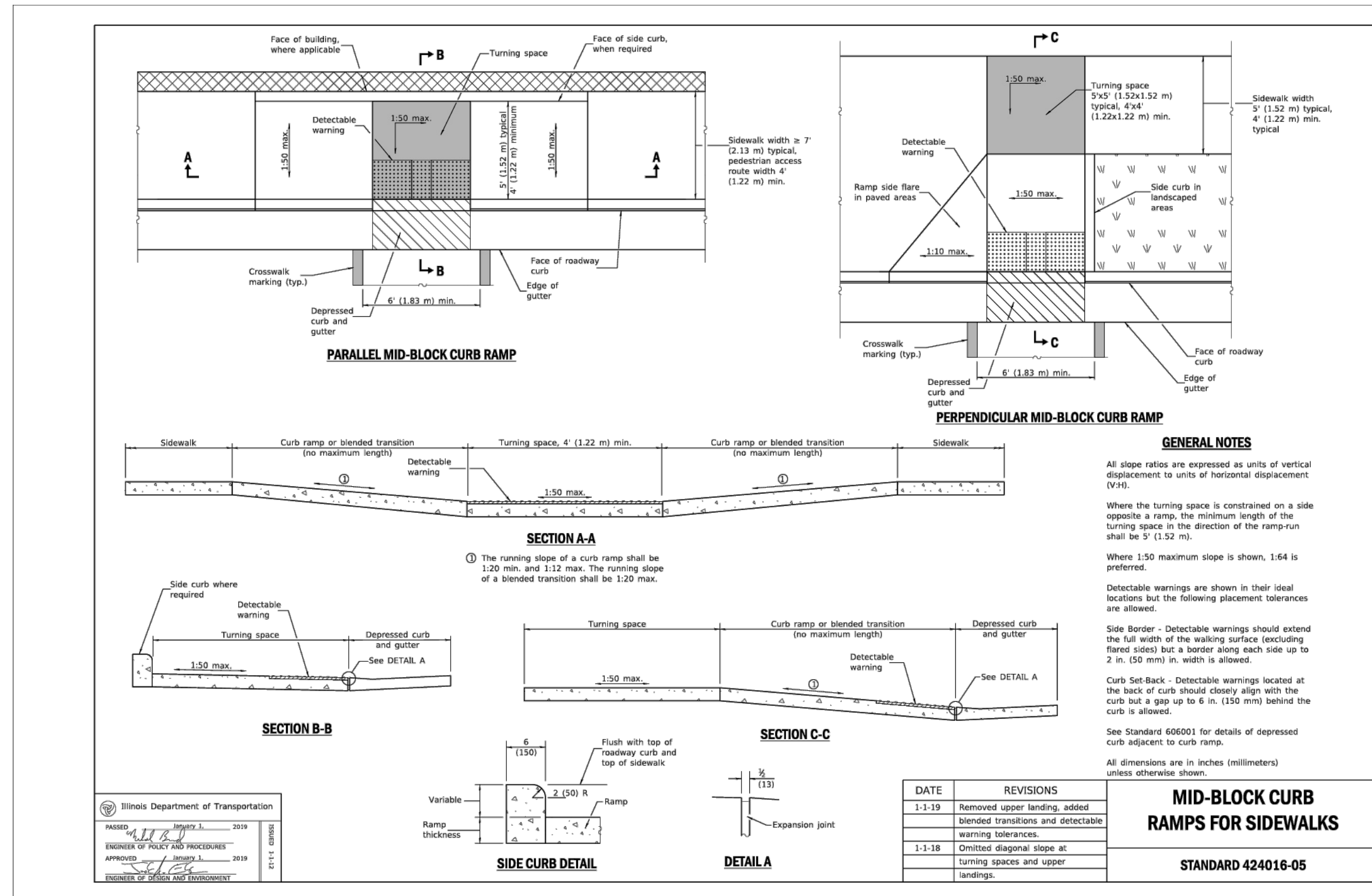
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PM	RCS

PROJECT NUMBER
 SHEET NUMBER
20034
C09

BENCHMARKS

DESCRIPTION	ELEVATION (USGS)
BENCHMARK 1 X CUT IN MUELLER BOLT ON FIRE HYDRANT	772.54
BENCHMARK 2 X CUT IN MUELLER BOLT ON FIRE HYDRANT	771.73





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SHEET TITLE

DETAILS

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PM	RCS

PROJECT NUMBER
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