NOTES

- LOD SHOWN 2FT OFF OF PROPERTY LINE FOR CLARITY. ACTUAL LOD SHALL NOT EXTEND BEYOND PROPERTY LINE UNLESS NOTED OTHERWISE.
- EXISTING TOPOGRAPHY IS BASED ON SURVEY DONE BY BLCOMPANIES, INC.
- EXISTING SITE IMPROVEMENTS ARE BASED UPON I-65 SOUTH COMMERCE PARK BUILDING 1 BY STUDIO A OF INDIANAPOLIS, INC. DATED 2-6-2020.

EXISTING LEGEND

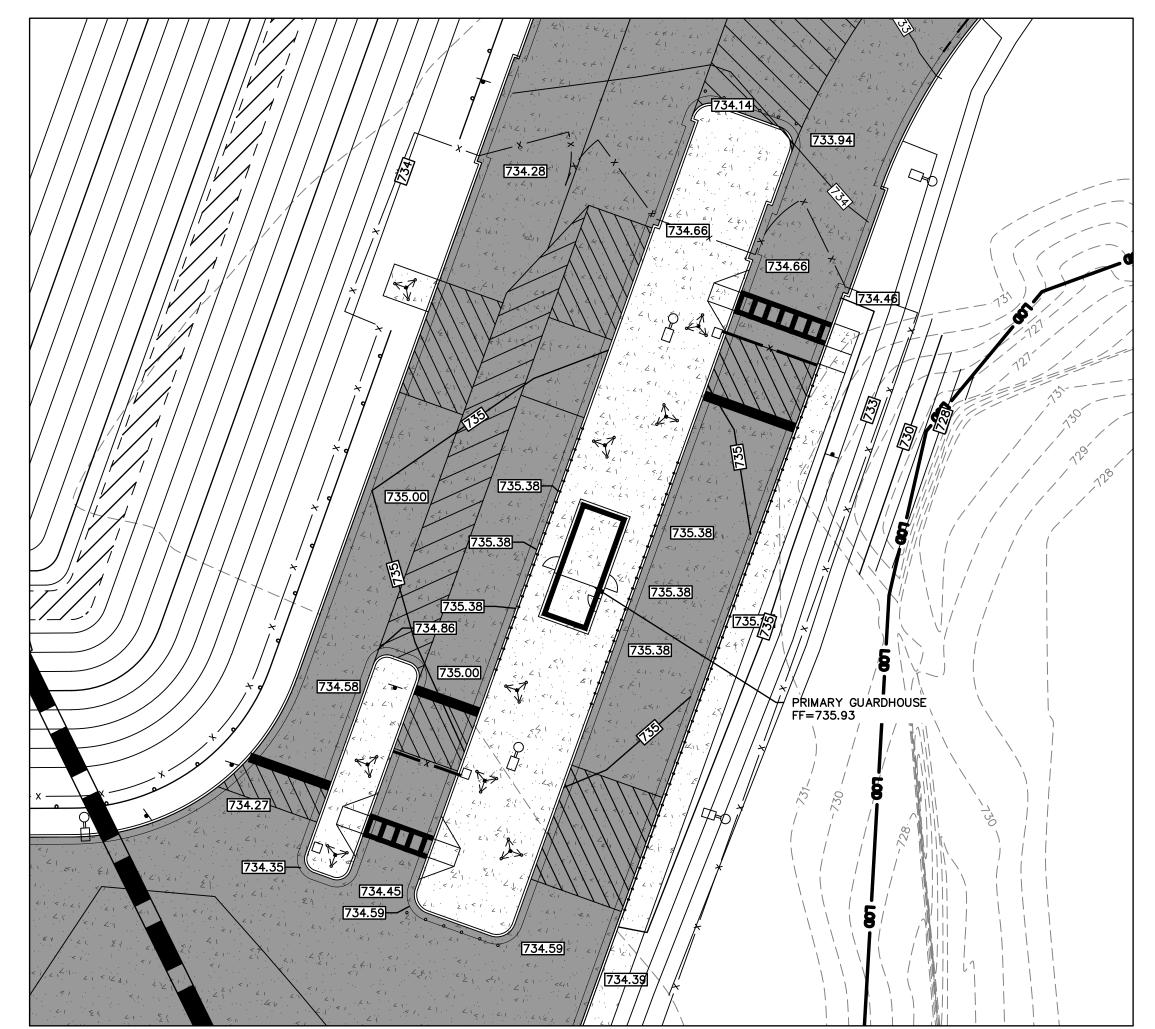
	Property Line
	Easement Line
	Setback Line
	Major Contour
	Minor Contour
========	Storm Sewer

GRADING LEGEND

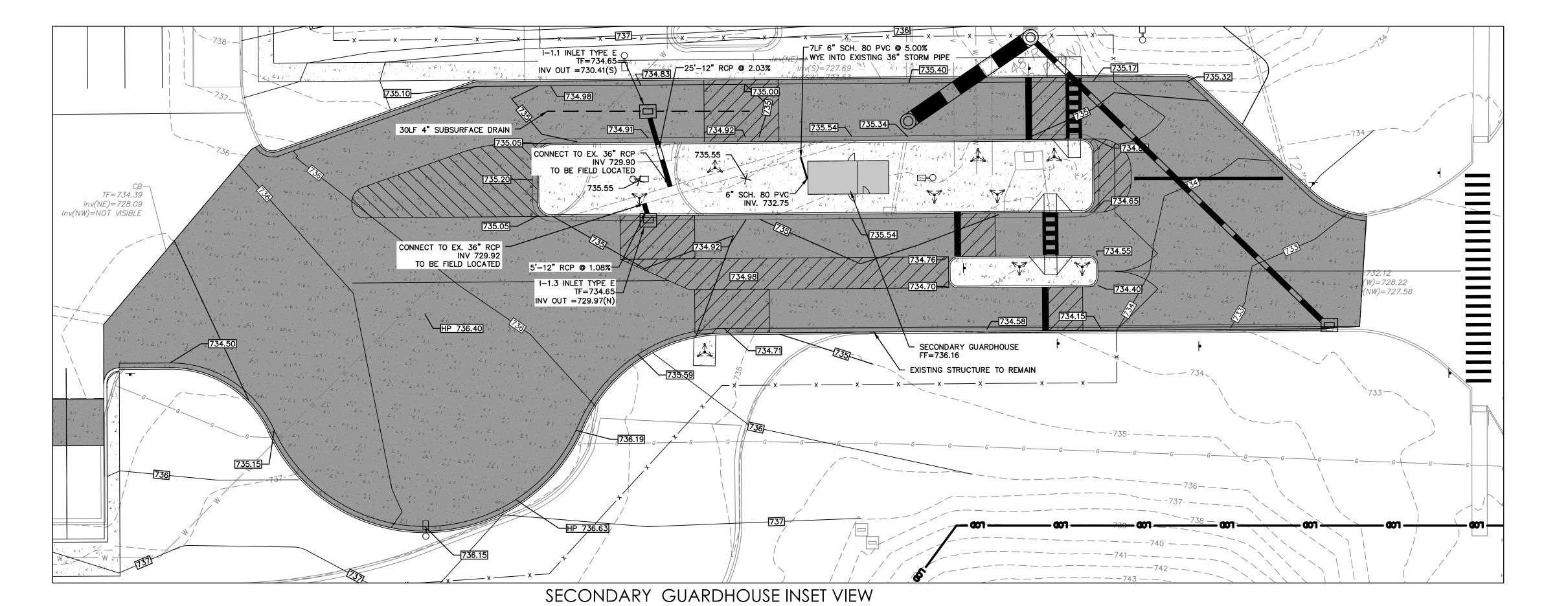
	PROPERTY LINE
LOD	LIMIT OF DISTURBANCE AND SITEWORK
	STORM LINE
	PROVIDE AND INSTALL RETAINING WALL
150	PROPOSED CONTOUR LINE

PROPOSED SPOT GRADES ARE SHOWN AT EDGE OF PAVEMENT & GUTTER AND AT TOP OF PAVEMENT. TOP OF CURB TO BE SET BASED ON CURB DETAILS.

TOP OF WALL
HIGH POINT LOW POINT TOP OF FRAME



PRIMARY GUARDHOUSE INSET VIEW



GRAPHIC SCALE SCALE IN FEET

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SOUTH

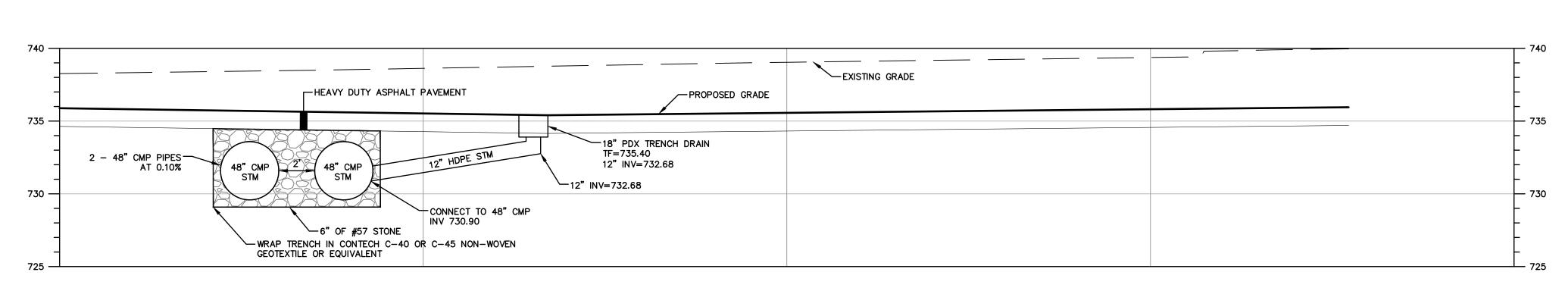
AS SHOWN Project No. 09/08/2021

CAD File: GD210069601 GRADING AND

DRAINAGE PLAN

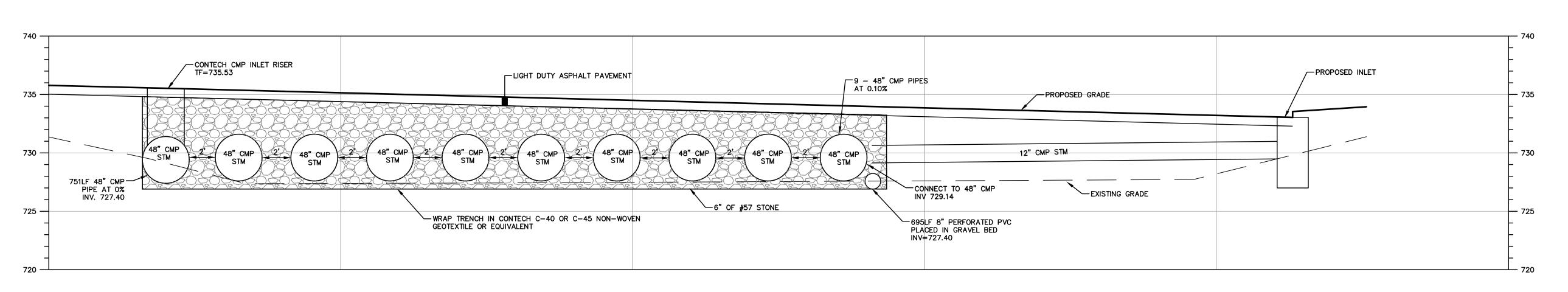
GD-3

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WEST 48" DIA. CMP DETENTION CROSS SECTION

SCALE: 1"=5'



EAST 48" DIA. CMP DETENTION CROSS SECTION

SCALE: 1"=5'

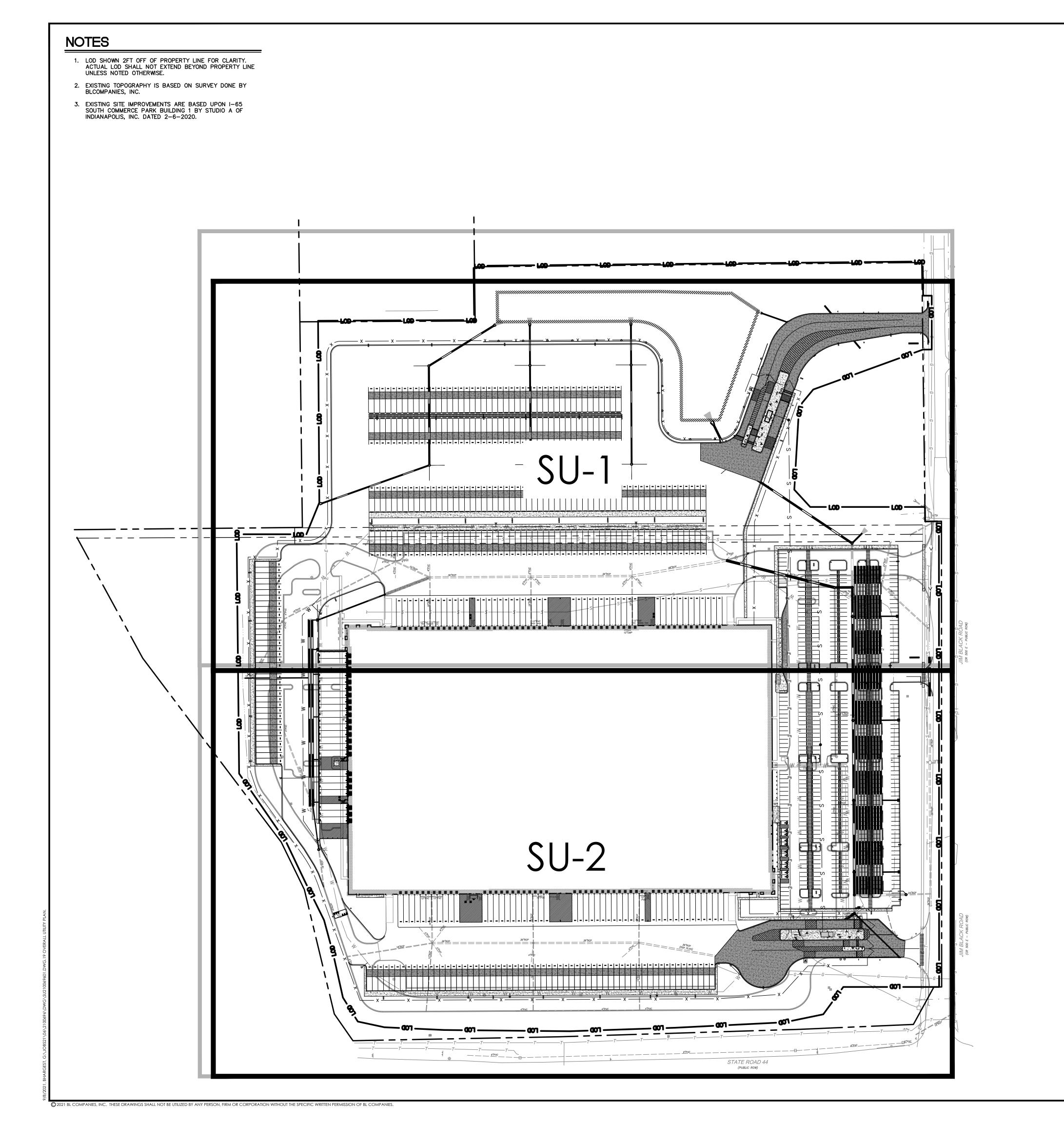
SOUTH 1 PLAN I SITE

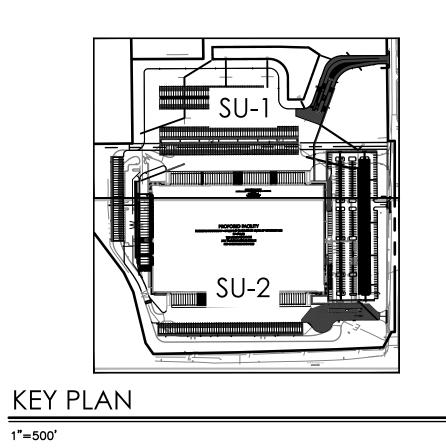
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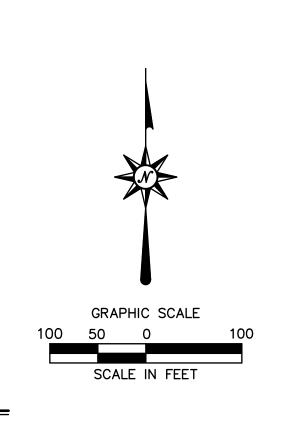
Designed Project No. Date CAD File: GD210069601 PIPE DETENTION CROSS SECTIONS

H.F.T. A.J.B. **AS SHOWN** 2100696

09/08/2021







SITE PLAN IMPROVEMENTS FOR I-65 SOUTH COMMERCE BUILDINGS PHASE 1

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Designed
Drawn
Reviewed
Scale
Project No.
Date

09

 Scale
 AS SHOWN

 Project No.
 2100696

 Date
 09/08/2021

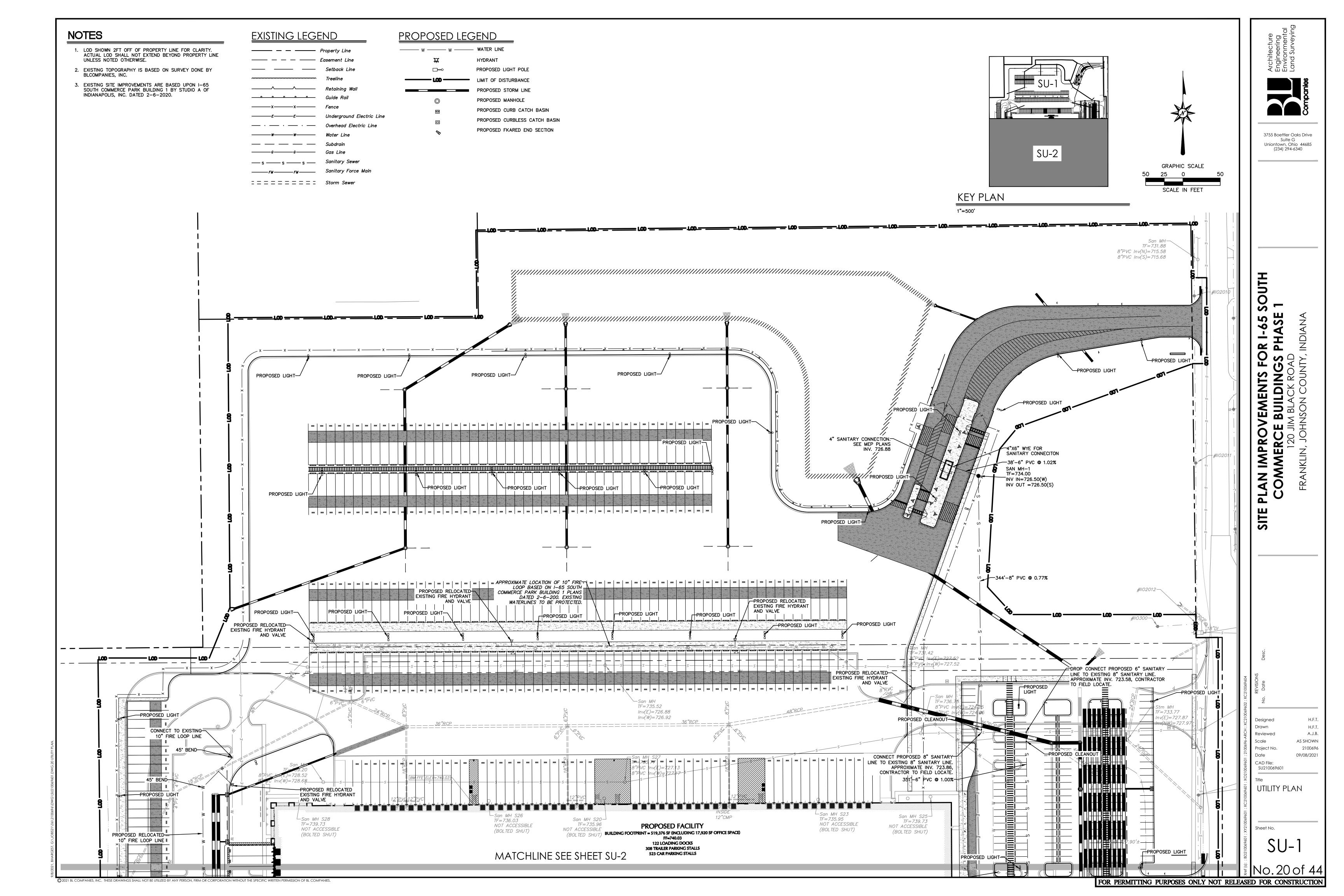
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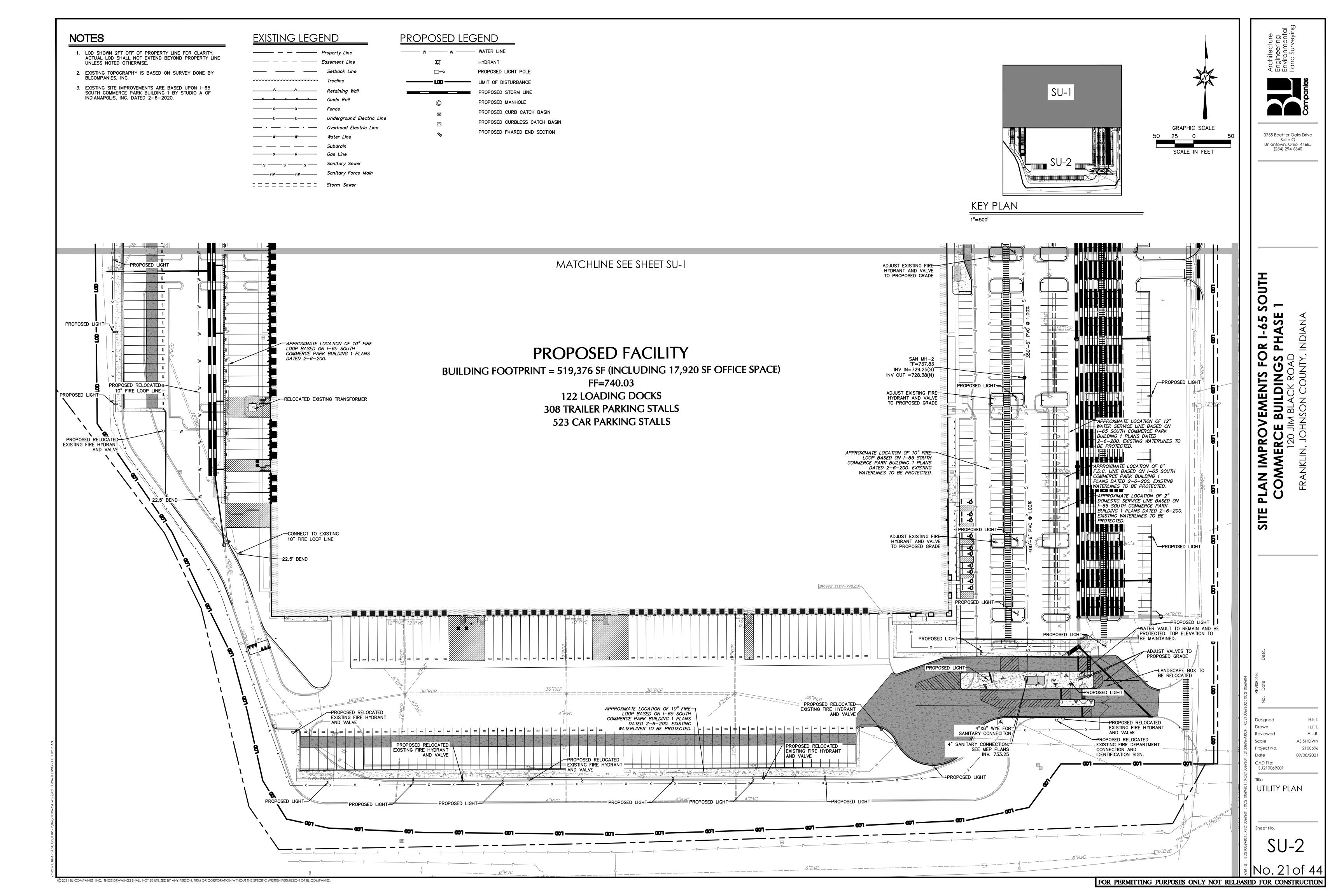
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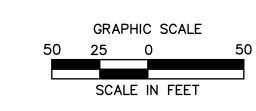
OVERALL UTILITY
PLAN

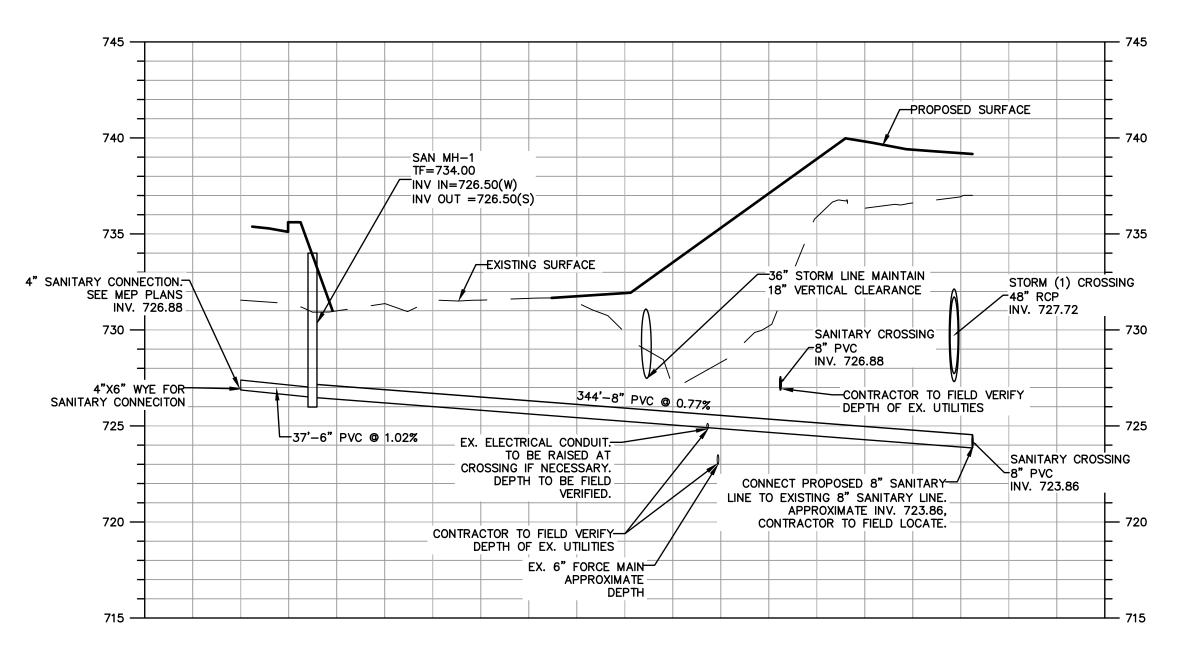
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No. 19 of 44



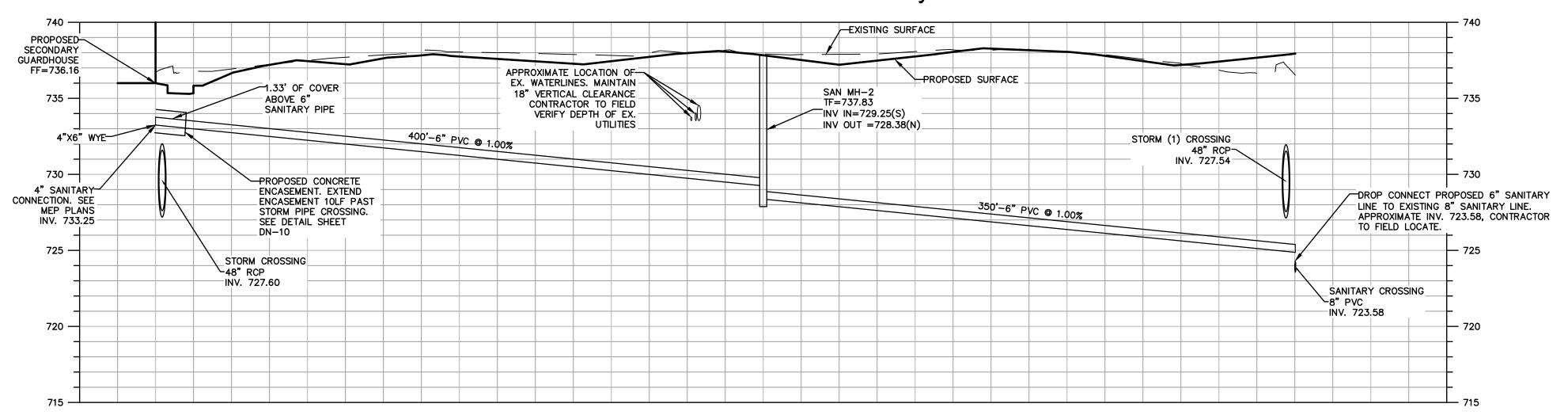






PRIMARY GUARDHOUSE SANITARY PROFILE

South Guardhouse Sanitary



SECONDARY GUARDHOUSE SANITARY PROFILE

Architecture Engineering Environmental Land Surveying

Companies

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AN IMPROVEMENTS FOR I-65 SOUTH
COMMERCE BUILDINGS PHASE 1
120 JIM BLACK ROAD
FRANKLIN, JOHNSON COUNTY, INDIANA

0069602 ; XC210069604

REVISIONS

No. Date Desc.

 Scale
 AS SHOWN

 Project No.
 2100696

 Date
 09/08/2021

 CAD File:
 SU210069601

 Title
 SANITARY

H.F.T. A.J.B.

SANITARY PROFILES

Sheet No.

SU-3

No.22 of 44

NOTES

- LOD SHOWN 2FT OFF OF PROPERTY LINE FOR CLARITY. ACTUAL LOD SHALL NOT EXTEND BEYOND PROPERTY LINE UNLESS NOTED OTHERWISE.
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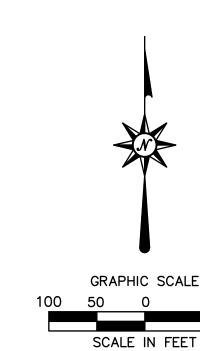
MATERIAL AND SPILL PREVENTION PLAN

ALL FUELING AND SERVICING OF VEHICLES ON SITE WILL BE CONDUCTED NEAR THE CONSTRUCTION ENTRANCE/STAGING AREA. THIS AREA SHALL BE CONTAINED WITH A ROW OF STAKED STRAW BALES AROUND THE PERIMETER. SECONDARY CONTAINMENT IN THE FORM OF DRIP PANS OR DROP CLOTHS SHALL BE USED TO CONTAIN ANY SPILLS. THE CONTRACTOR SHALL MAINTAIN A SUPPLY OIL—ABSORBENT MATERIAL TO CLEAN UP ANY SMALL SPILLS THAT MAY OCCUR. ANY SPILLAGE WILL BE REMOVED IMMEDIATELY. USED ABSORBENT MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH THE LAWS OF THE STATE OF INDIANA. CONTAMINATED SOILS WILL BE PLACED ON HEAVY PLASTIC AND COVERED OR PLACED INTO APPROVED CONTAINERS TO PREVENT CONTACT WITH STORM WATER. ALL FUEL TANKS WILL BE IN THE CONTAINMENT AREAS. OILS, OTHER VEHICLE FLUIDS, PAINTS AND SOLVENTS WILL BE STORED IN THE CONSTRUCTION TRAILER. ANY SPILL IN EXCESS OF TWO GALLONS WILL BE REPORTED TO A REPRESENTATIVE OF THE

IF A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24-HOUR PERIOD, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PERMITTEE WHO SHALL THEN DO THE FOLLOWING: NOTIFY THE NATIONAL MANAGEMENT AGENCY (317-232-3986); AS WELL AS THE CITY OF FRANKLIN. ALSO, THE ENGINEER WILL PREPARE A REVISION TO THIS DOCUMENT TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES.

CONCRETE TRUCKS SHALL WASH OUT AT THE DESIGNATED AREA NEAR THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT NO WASTE MATERIALS ARE DISCHARGED INTO THE WATERS OF THE STATE. EACH CONTRACTOR IS RESPONSIBLE TO PROVIDE LITTER CONTROL FOR TRASH GENERATED BY HIS CREW. ALL TRASH INCLUDING BUT LIMITED TO; SOLID WASTE, PAINT CANS, OIL CANS, USED OIL AND FILTERS WILL BE CONTAINED AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE LAWS AND REGULATIONS OF THE STATE OF INDIANA AND THE CITY OF

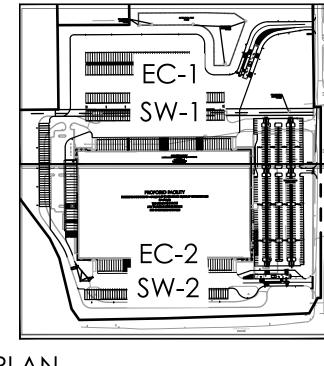


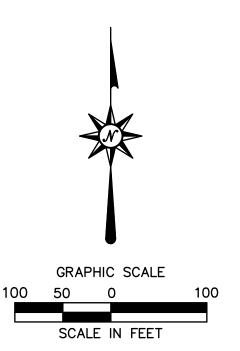


1"=500'

EROSION CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE RESOURCES.
- 2. THE NOTICE OF INTENT (NOI) AND PUBLIC NOTICE FOR THE PROJECT SHALL BE POSED ON A SIGN INSTALLED AT OR NEAR THE SITE CONSTRUCTION ENTRANCE. THE NOI SHALL LIST THE CONTACT INFORMATION FOR THE SITE CONTACT PERSON. THE SIGN AND INFORMATION SHALL BE MAINTAINED AND REMAIN LEGIBLE THROUGHOUT CONSTRUCTION.
- 3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND THE EROSION AND SEDIMENT CONTROL REPORT SHALL BE AVAILABLE AT THE PROJECT SITE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- 4. THERE SHALL BE NO DIRT, DEBRIS, OR STORAGE OR MATERIALS IN THE
- 5. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE SO THEY WILL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WIND, STORM WATER RUNOFF, OR OTHER
- 6. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ACCUMULATED SEDIMENT. ALL SEDIMENT THAT IS CLEARED MUST BE RETURNED TO THE
- THAT NECESSARY TO PERFORM THE WORK.
- NON-VEGETATIVE MATERIAL INCLUDING MULCH, EROSION BLANKETS, OR STONE
- 10. A LOG SHALL BE MAINTAINED OF ALL INSPECTIONS (WEEKLY, AND FOLLOWING STORM EVENTS), MAINTENANCE AND REPAIR OF EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE STATE AND LOCAL REQUIREMENTS. THE LOG SHALL BE MAINTAINED ON SITE AND BE AVAILABLE UPON REQUEST TO THE OWNERS REPRESENTATIVES AND THE OPERATING AUTHORITIES HAVING JURISDICTION OVER THE SITE.
- WHENEVER POSSIBLE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND INSTALLED PRIOR TO PERFORMING OTHER EARTH DISTURBING
- ENTERING AND EXITING THE CONSTRUCTION SITE. SILT FENCES SHALL BE INSTALLED AS SHOWN ON THE PLANS PRIOR TO STARTING
- AS PER THE SPECIAL PROVISIONS. 6. ALL ADDITIONAL DISTURBED AREAS SHALL BE SEEDED AND/OR STABILIZED UPON
- COMPLETION OF THE EARTH DISTURBING ACTIVITIES.
 INSTALL PIPE AND GRATE INLET PROTECTION MEASURES AND PIPE OUTLET
- AND MULCHED AS PART OF THE BACKFIELD OPERATION.
- FABRIC SHALL BE REPLACED. 9. ALL GRADED AREAS (LAWNS, BANKS, MOUNDS, ETC.) WITH SLOPES EQUAL TO OR STEEPER THAN 4H: 1V SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET. ALL CONSTRUCTED SWALES CHANNELS SHALL BE STABILIZED WITH AN EROSION
- 10. AREAS TO BE PAVED SHALL BE STABILIZED WITH TEMPORARY PER SPECIAL PROVISION. ADEQUATE SUB-BASE DEPTHS SHALL BE MAINTAINED DURING CONSTRUCTION, VERIFIED AND RESTORED, IF NECESSARY, PRIOR TO FINAL PAVING. STONE STABILIZATION SHALL BE INSTALLED PER THE PAVING SPECIFICATIONS AND
- ACTIVITY, AS APPLICABLE FOR THE TYPE OF MEASURE.





3755 Boettler Oaks Drive Suite G

Uniontown, Ohio 44685 (234) 294-6340

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BUILDIN M BLACK RC

- WITH THE INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS FROM THE DIVISION OF SOIL CONSERVATION, INDIANA DIVISION OF NATURAL

- FORCES. THE CONSTRICTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL.
- LIKELY POINT OF ORIGINAL OR OTHER SUITABLE LOCATION. CLEARING OF SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER.
- 7. MINIMIZE THE EXPOSURE OF BARE EARTH BY LIMITING THE WORK AREA TO
- 8. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED, CLEANED, AND MAINTAINED FOLLOWING EACH STORM EVENT.
- 9. WHEREVER POSSIBLE, MAINTAIN EXISTING VEGETATIVE COVER, USE TO CONTROL EROSION FROM DISTURBED AREAS.
- 11. THE CONTRACTOR SHALL FURNISH AND MAINTAIN SANITARY FACILITIES FOR THIS PROJECT ONSITE. THE FACILITIES SHALL BE CLEANED AS NECESSARY AND THE WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LAWS AND REGULATIONS OF THE STATE OF INDIANA AND LOCAL
- 12. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE FIELD

EROSION AND SEDIMENT STAGING NOTES

- THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO THE BEGINNING OTHER EARTH DISTURBING ACTIVITIES IN AREAS WHERE TRAFFIC WILL BE
- ANY OTHER EARTH DISTURBING ACTIVITIES. 4. INLET PROTECTION FOR EXISTING STORM INLETS AND PIPES, ALONG WITH DIVERSION BERMS/SWALES AND ROCK FILTERS FOR EXISTING CONDITIONS SHALL BE PUT IN
- PLACE PRIOR TO ANY ADDITIONAL EARTH DISTURBING ACTIVITIES. AS DITCH EXCAVATION AND GRADING IS COMPLETED, EROSION CONTROL BLANKETS SHALL BE INSTALLED AS NOTED ON THE PLANS AND THE APPROPRIATE SEED MIX
- PROTECTION AS NEW PIPES OR PIPE EXTENSIONS ARE INSTALLED. LIMIT EXCAVATION TO THE WORK THAT CAN BE PERFORMED THAT DAY. TRENCHES SHALL BE SEEDED
- 8. WRAP ALL GRATES WITH FILTER FABRIC TO PREVENT DEBRIS AND SEDIMENT FROM ENTERING STORM SYSTEM. CHECK WEEKLY AND AFTER EACH STORM EVENT FOR DEBRIS AND SEDIMENT. CLEAR BLOCKAGES AS IDENTIFIED. TORN OR DAMAGED
- CONTROL BLANKET TO THE TOP OF THE THE BANK. SOIL STOCKPILES SHALL BE SEEDED AND MULCHED TO MINIMIZE EROSION.
- 11. MEASURES TO PROTECT EXPOSED AREAS SHALL BE INSTALLED AT THE END OF THE DAY'S WORK OR WITHIN 24 HOURS OF THE COMPLETION OF THE EARTH DISTURBING
- 12. ALL DISTURBED AREAS WHERE WORK WILL POTENTIALLY CEASE FOR 15 DAYS OR LONGER SHALL BE SEEDED AND STABILIZED IMMEDIATELY UPON COMPLETION OF
- 13. EROSION AND SEDIMENT CONTROL MEASURE SHALL BE MAINTAINED UNTIL THE AREA OF THE WORK IS 95% STABILIZED.

Reviewed Scale Project No. CAD File: EC210069601 OVERALL **EROSION CONTROL PLAN**

Designed

H.F.T.

H.F.T.

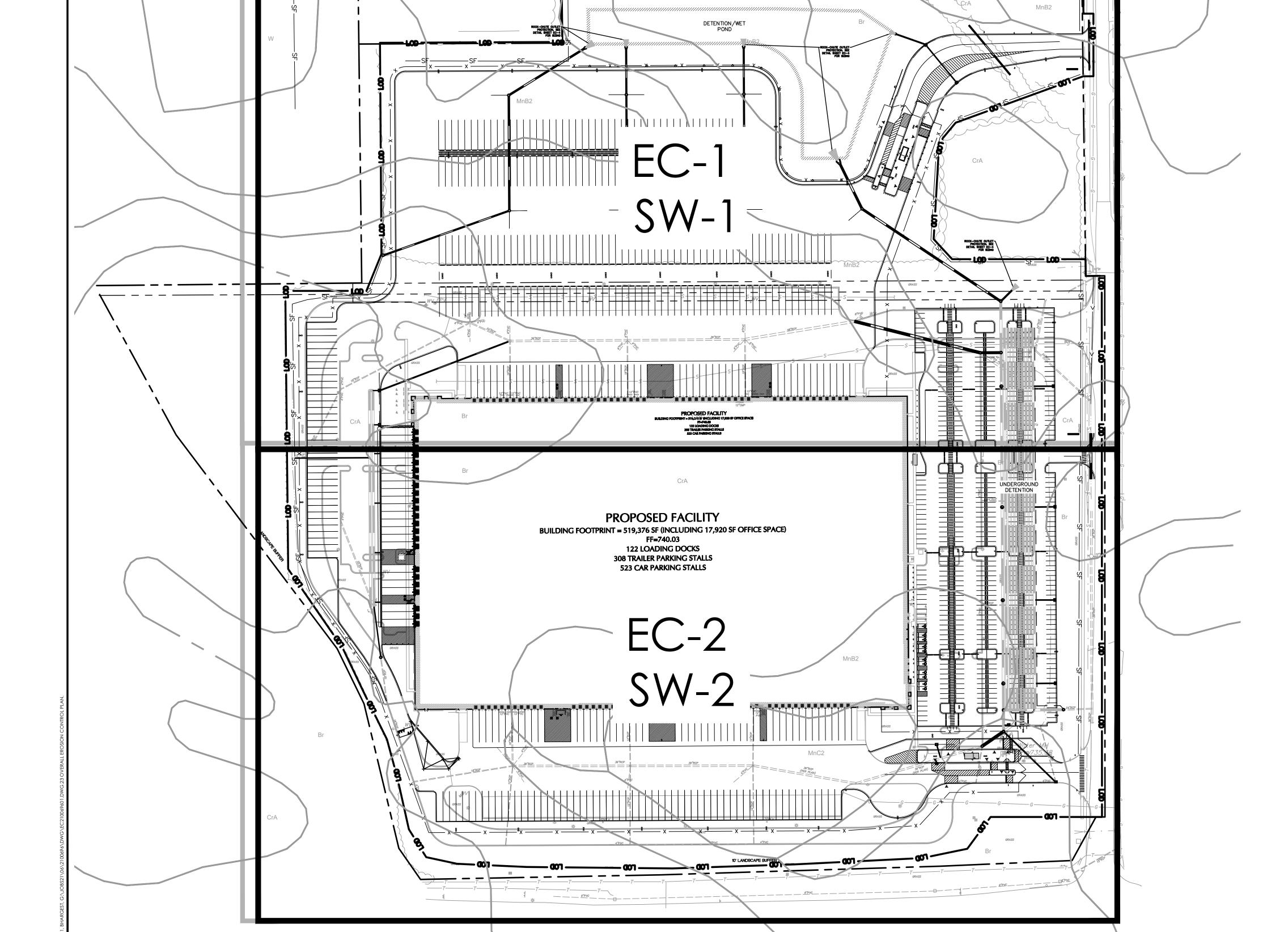
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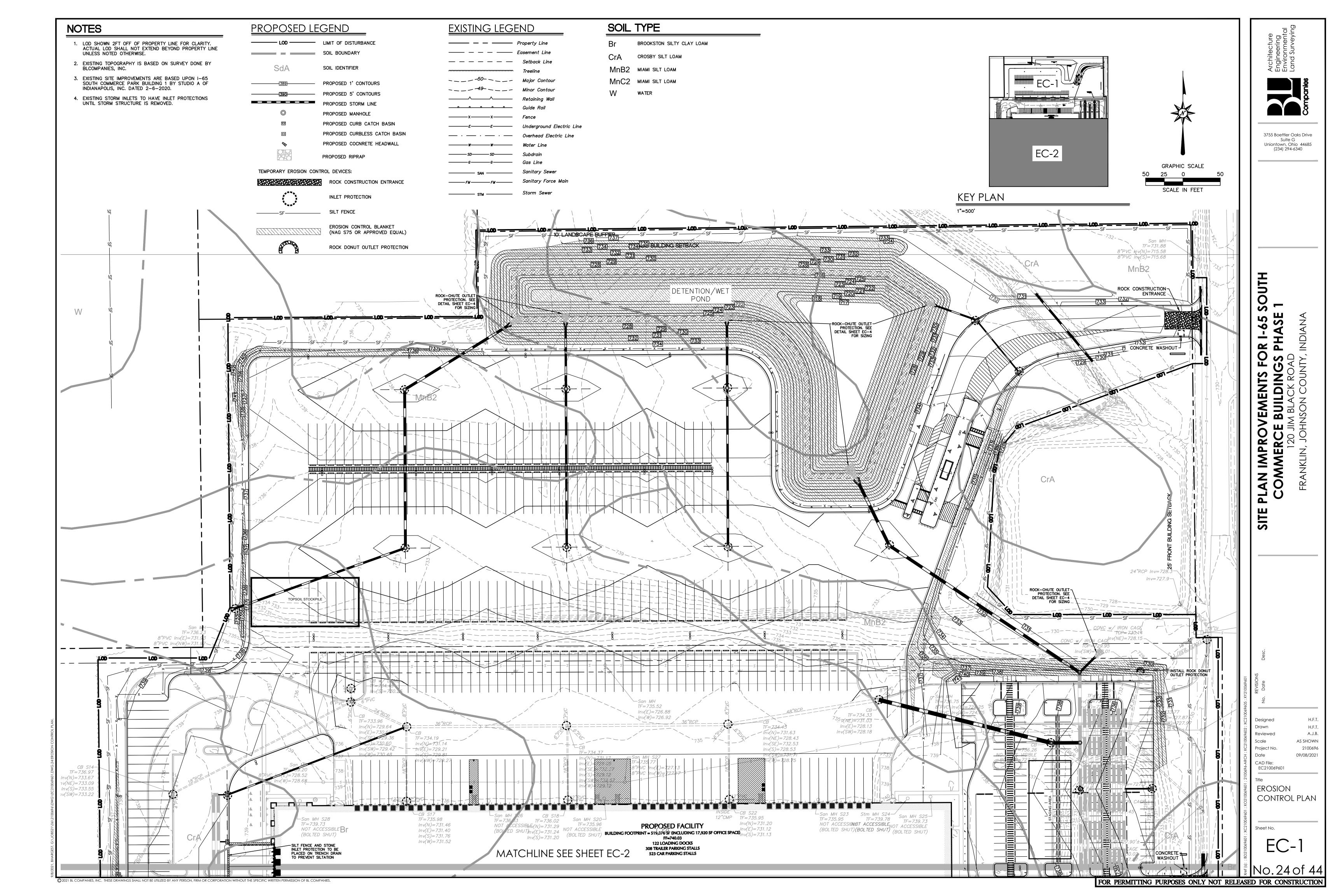
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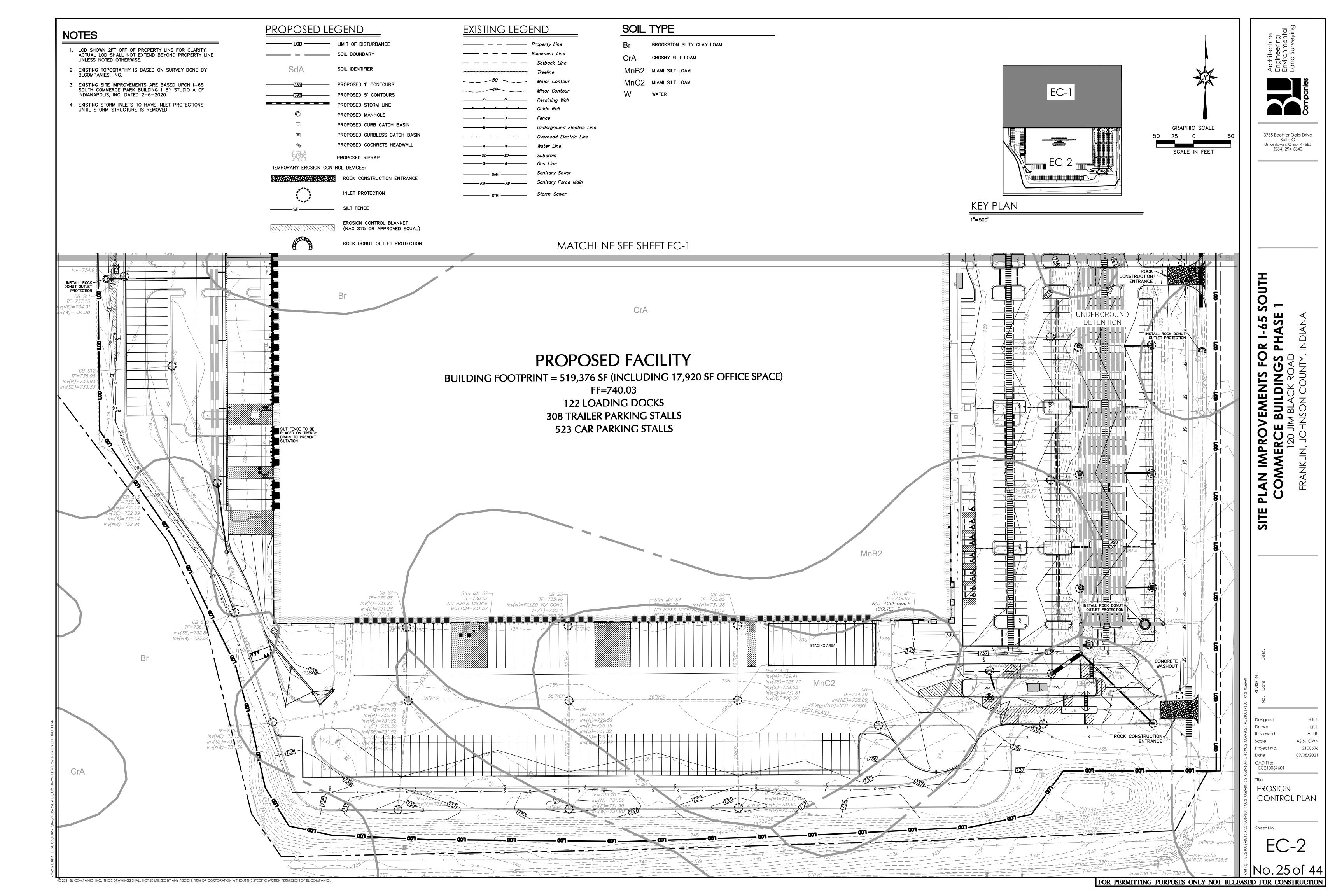
09/08/2021

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FOR PERMITTING PURPOSES ONLY NOT RELEASED FOR CONSTRUCTION







THE BEGINNING OF PROJECT DEMOLITION AND/OR CONSTRUCTION.

EROSION CONTROL PLAN NARRATIVE THE EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT THE EXISTING ROADWAY AND STORM DRAINAGE SYSTEMS, ADJACENT PROPERTIES, AND ANY ADJACENT WETLAND AREA AND ANY ADJACENT WATER COURSE FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION. A CONSTRUCTION SEQUENCE IS PROVIDED TO PROVIDE SURFACE RUNOFF EROSION CONTROLS PRIOR TO

THE ANTICIPATED STARTING DATE FOR CONSTRUCTION IS <u>TBD</u> WITH COMPLETION ANTICIPATED <u>TBD</u> APPROPRIATE EROSION CONTROL MEASURES AS DESCRIBED HEREIN SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ALL DEMOLITION OR CONSTRUCTION ACTIVITY. SCHEDULE WORK TO MINIMIZE THE LENGTH OF TIME THAT BARE SOIL WILL BE

CONTINGENCY EROSION PLAN THE CONTRACTOR SHALL INSTALL ALL SPECIFIED EROSION CONTROL MEASURES AND WILL BE REQUIRED TO MAINTAIN THEM IN THEIR INTENDED FUNCTIONING CONDITION. THE AGENTS OF THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND/OR CIVIL ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUPPLEMENTAL MAINTENANCE OR ADDITIONAL MEASURES IF FIELD CONDITIONS ARE ENCOUNTERED BEYOND WHAT WOULD NORMALLY BE ANTICIPATED.

CONSTRUCTION SEQUENCE

- CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE "INDIANA 811" TO LOCATE UNDERGROUND UTILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO EARTH DISTURBING ACTIVITIES. MARK UTILITIES ON THE PROJECT
- NOTIFY IDEM RULE 5 COORDINATOR AT 1-800-451-6027 AND THE CITY OF FRANKLIN AT LEAST TWO (2) WORKING DAYS PRIOR TO EARTH DISTURBING ACTIVITIES OF THE ACTUAL START DATE FOR EARTH DISTURBING ACTIVITIES. PROTECT EXISTING WATERWAYS, STREAMS, RIVERS, LAKES WETLANDS, ETC. FROM SEDIMENT AND POLLUTANTS CAUSED BY CONSTRUCTION ACTIVITIES.
- PRESERVE AND PROTECT TREES, SHRUBS, EXISTING VEGETATION, UNIQUE SITE FEATURES, AND EXISTING ITEMS TO REMAIN ON SITE.
- ESTABLISH STABLE CONSTRUCTION ENTRANCES AND EQUIPMENT AND EMPLOYEE PARKING AND STAGING AREAS. INSTALL PERIMETER PROTECTION DEVICES AND MEASURES SUCH AS SILT FENCE. POST NOI AT THE ENTRANCES. PROTECT EXISTING STORM WATER SYSTEM INLETS WITH INLET PROTECTION DEVICES. INSTALL ROCK FILTER AT EXISTING POND OUTLET.
- BEGIN DEMOLITION OF ITEMS TO BE REMOVED FOR THE PROPOSED CONSTRUCTION.
- BEGIN INITIAL LAND CLEARING AND GRADING BY GRUBBING AND CLEARING VEGETATION. WHEN POSSIBLE, PHASE LAND CLEARING AS TO NOT LEAVE LARGE AREAS OF SOIL EXPOSED AND LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE. DISTURBED AREAS LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE MUST BE STABILIZED BY PERMANENT OR TEMPORARY SEEDING, MULCHED, AND MECHANICALLY CRIMPED INTO THE SOIL, OR BY OTHER SURFACE STABILIZING METHODS.
- PERMANENTLY SEED, OR MULCH, DISTURBED AREAS AS SOON AS POSSIBLE TO PREVENT SEDIMENT LOSS. INSTALL EROSION CONTROL BLANKET AS INDICATED ON THE PLANS. THE CONTRACTOR MAY INSTALL ADDITIONAL EROSION CONTROL BLANKET OR TRMS IF THERE IS ANY EROSION OR SCOURING ON THE PROJECT SITE. INSTALL CONCRETE WASHOUT AREA TO BE USED DURING CONSTRUCTION OF DRIVES, PARKING LOTS, AND AND
- SIDEWALKS. - CONSTRUCT STORM WATER CONVEYANCE SYSTEMS INCLUDING STORM SEWERS. PROVIDE INLET PROTECTION IMMEDIATELY UPON COMPLETION OF THE INLET.
- PLACE ENERGY DISSIPATERS AT THE DOWNSTREAM END SECTION OUTLETS. THE ENERGY DISSIPATERS MUST BE IN PLACE BEFORE STORM WATER PIPES ARE CONVEYING WATER TO THE OUTLET POINT.
- CONSTRUCT REMAINING DRIVES, PARKING LOTS, AND SIDEWALKS. - FINE GRADE SITE, PERMANENTLY SEED AND LANDSCAPE. THE CONTRACTOR SHALL NOTIFY THE CITY OF FORT WAYNE ENGINEERING SUPPORT SERVICES OF EXCESS SOIL DISPOSAL IF LOCATED OFF-SITE.
- REMOVE TEMPORARY EROSION CONTROL DEVICES AND MEASURES, ONCE THE CONTRIBUTION DRAINAGE AREA IS STABILIZED, AND STABILIZE ANY DISTURBED SOIL WITH PERMANENT SEEDING. - REMOVE CONSTRUCTION SEDIMENT AND DEBRIS FROM PERMANENT EROSION CONTROL DEVICES AND MEASURES.
- RECORD OPERATION DEPTHS OF THE WATER QUALITY UNIT FOR OWNER. - SUBMIT NOTICE OF TERMINATION (NOT) TO IDEM WITH A COPY TO THE CITY OF FRANKLIN MS4 DEPARTMENT.

CLEARING AND GRUBBING OPERATIONS

- ALL EROSION CONTROL MEASURES, INCLUDING THE CONSTRUCTION OF STONE CONSTRUCTION ENTRANCE ANTI-TRACKING PADS, WILL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
- 2. FOLLOWING INSTALLATION OF ALL EROSION CONTROL MEASURES, THE CONTRACTOR SHALL NOT PROCEED WITH GRADING, FILLING OR OTHER CONSTRUCTION OPERATIONS UNTIL THE ENGINEER HAS INSPECTED AND APPROVED ALL INSTALLATIONS.
- 3. THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CLEARING AND GRUBBING OPERATIONS SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR SEDIMENT AND EROSION CONTROL DEVICES.
- 4. FOLLOWING THE COMPLETION OF CLEARING AND GRUBBING OPERATIONS, ALL AREAS SHALL BE STABILIZED WITH TOPSOIL AND SEEDING OR CRUSHED STONE AS SOON AS PRACTICAL.

ROUGH GRADING OPERATIONS

- 1. DURING THE REMOVAL AND/OR PLACEMENT OF EARTH AS INDICATED ON THE GRADING PLAN, TOPSOIL SHALL BE STRIPPED AND APPROPRIATELY STOCKPILED FOR REUSE.
- 2. ALL STOCKPILED TOPSOIL SHALL BE SEEDED, MULCHED WITH HAY, AND ENCLOSED BY A SILTATION FENCE.

FILLING OPERATIONS

- PRIOR TO FILLING, ALL EROSION CONTROL DEVICES SHALL BE PROPERLY IMPLEMENTED, MAINTAINED AND FULLY INSTALLED, AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THIS PLAN.
- 2. ALL FILL MATERIAL ADJACENT TO ANY WETLAND AREAS, IF APPLICABLE TO THIS PROJECT, SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN LIFT THICKNESSES NOT GREATER THAN THAT SPECIFIED IN PROJECT SPECIFICATIONS AND/OR THE PROJECT GEOTECHNICAL REPORT. LIFTS SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS OR IN THE
- PLACEMENT OF DRAINAGE STRUCTURES, UTILITIES, AND BUILDING CONSTRUCTION OPERATIONS.
- 1. SILT FENCES SHALL BE INSTALLED AT THE DOWNHILL SIDES OF BUILDING EXCAVATIONS, MUD PUMP DISCHARGES, AND UTILITY TRENCH MATERIAL STOCKPILES. HAY BALES/STRAW BALES MAY BE USED IF SHOWN ON THE EROSION CONTROL PLANS OR IF DIRECTED BY THE CIVIL ENGINEER.

FINAL GRADING AND PAVING OPERATIONS

- ALL INLET AND OUTLET PROTECTION SHALL BE PLACED AND MAINTAINED AS SHOWN ON EROSION CONTROL PLANS AND DETAILS, AND AS DESCRIBED IN SPECIFICATIONS AND AS DESCRIBED HEREIN.
- 2. NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS, OR JUTE MESH AND VEGETATION. ALL SLOPES SHALL BE SEEDED, AND ANY ROAD OR DRIVEWAY SHOULDER AND BANKS SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS
- 3. PAVEMENT SUB-BASE AND BASE COURSES SHALL BE INSTALLED OVER AREAS TO BE PAVED AS SOON AS FINAL SUB-GRADES ARE ESTABLISHED AND UNDERGROUND UTILITIES AND STORM DRAINAGE SYSTEMS HAVE BEEN INSTALLED.
- 4. AFTER CONSTRUCTION OF PAVEMENT, TOPSOIL, FINAL SEED, MULCH AND LANDSCAPING, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR GRASS HAS BEEN WELL ESTABLISHED AND THE SITE IS STABLE AND HAS BEEN INSPECTED AND APPROVED BY THE COUNTY AND/OR THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

INSTALLATION OF EROSION CONTROL MEASURES

- I. SILTATION FENCE
- A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
- POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- C. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- D. BACKFILL THE TRENCH AND COMPACT.

OPERATION AND MAINTENANCE OF EROSION CONTROL MEASURES

- II. SILTATION FENCE
- ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY REACH A MAXIMUM HEIGHT OF ONE FOOT.

EROSION CONTROL PLAN

IS TRANSFERRED.

CONTRACT PLANS FOR APPROPRIATE INFORMATION.

- 1. SILTATION FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
- 2. CATCH BASINS WILL BE PROTECTED WITH FILTER BAG INLET PROTECTION, SILTATION FENCE, OR OTHER INLET PROTECTION DEVICES PER DETAILS, THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY
- 3. ALL EROSION CONTROL MEASURES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.
- 4. EROSION CONTROL MEASURES WILL BE INSTALLED PRIOR TO DEMOLITION AND/OR CONSTRUCTION WHENEVER POSSIBLE.
- 5. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE DEMOLITION AND CONSTRUCTION PERIOD UNTIL THE SITE IS DETERMINED TO BE STABILIZED BY THE AUTHORITY HAVING JURISDICTION.

SEDIMENT REMOVED FROM EROSION CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OR AUTHORITY HAVING JURISDICTION OF ANY TRANSFER OF THIS

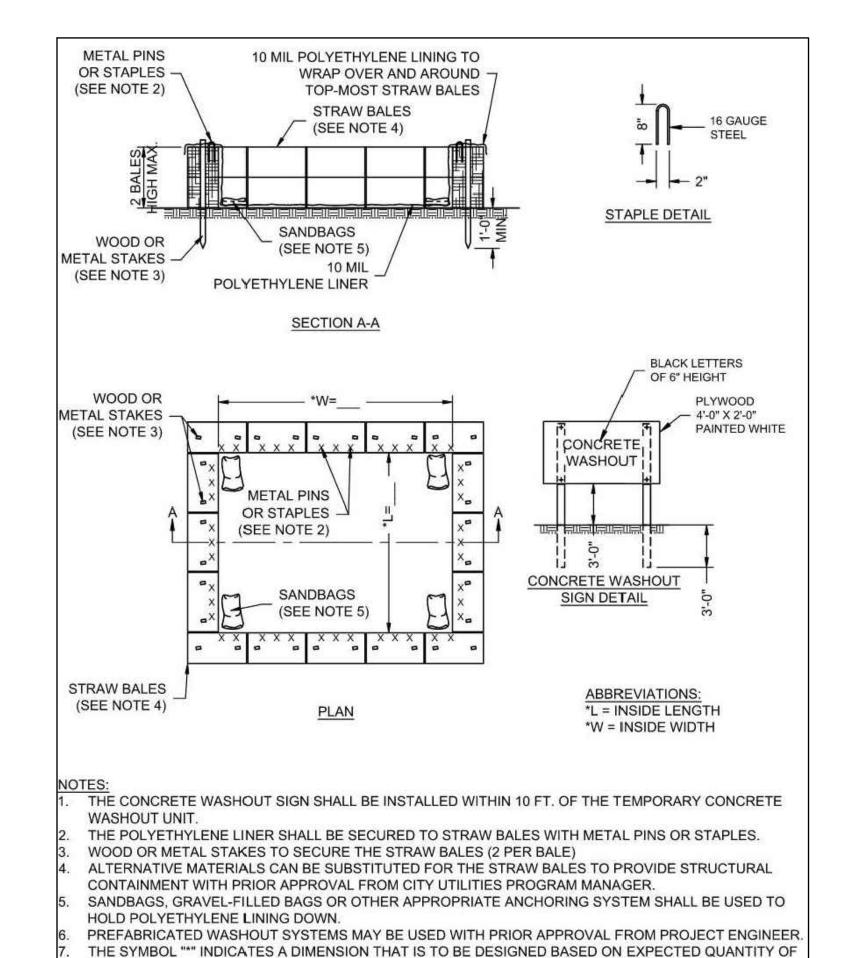
RESPONSIBILITY AND FOR CONVEYING A COPY OF THE SEDIMENT AND EROSION CONTROL PLAN IF THE TITLE TO THE LAND

- 6. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUIRED OR
- AS DIRECTED BY THE CIVIL ENGINEER OR BY THE AUTHORITY HAVING JURISDICTION.
- OWNER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFICATION OF THE COUNTY AND/OR THE INDIANA

INTENT AND REQUIREMENTS OF THE SEDIMENT AND EROSION CONTROL PLANS, NOTES, AND DETAILS.

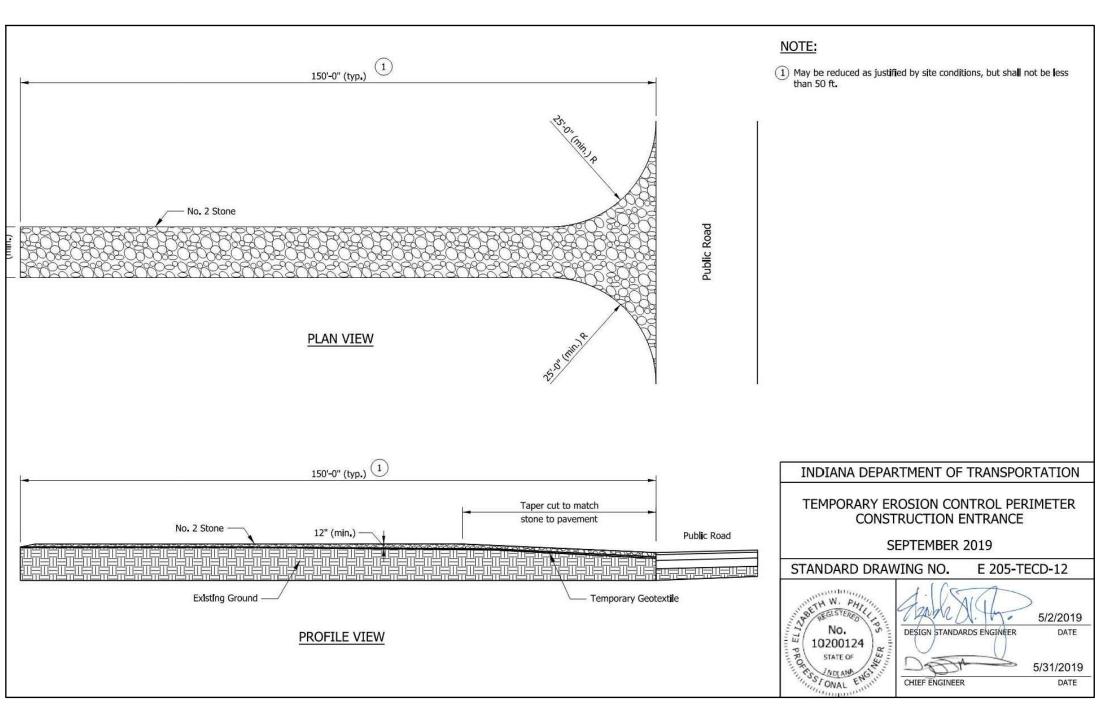
- EROSION CONTROL PLAN NOTES 1. THE EROSION CONTROL PLAN IS ONLY INTENDED TO DESCRIBE THE EROSION CONTROL TREATMENT FOR THIS SITE. SEE EROSION CONTROL DETAILS AND CONSTRUCTION SEQUENCE. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER
- OWNER IS RESPONSIBLE FOR IMPLEMENTING THIS EROSION CONTROL PLAN, THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, INFORMING THE AUTHORITY HAVING JURISDICTION OR THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE EROSION CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- 3. AN EROSION CONTROL BOND MAY BE REQUIRED TO BE POSTED WITH HANCOCK COUNTY TO ENSURE IMPLEMENTATION OF THE EROSION CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE POSTING OF THIS BOND AND FOR INQUIRIES TO HANCOCK COUNTY FOR INFORMATION ON THE METHOD, TYPE AND AMOUNT OF THE BOND POSTING UNLESS
- 4. VISUAL SITE INSPECTIONS SHALL BE CONDUCTED WEEKLY, AND AFTER EACH MEASURABLE PRECIPITATION EVENT BY QUALIFIED PERSONNEL, TRAINED AND EXPERIENCED IN SEDIMENT AND EROSION CONTROL, TO ASCERTAIN THAT THE EROSION CONTROL (E&S) BMPS ARE OPERATIONAL AND EFFECTIVE IN PREVENTING POLLUTION. A WRITTEN REPORT OF EACH INSPECTION SHALL BE KEPT, AND INCLUDE: A)A SUMMARY OF THE SITE CONDITIONS, E&S BMPS, AND COMPLIANCE; AND
- B) THE DATE, TIME, AND THE NAME OF THE PERSON CONDUCTING THE INSPECTION C)TURBIDITY TESTING AS REQUIRED BY THE GENERAL PERMIT (NPDES).
- 5. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION CONTROLS IN ACCORDANCE WITH INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT SPECIFICATIONS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE COUNTY AND/OR THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.
- 6. ADDITIONAL AND/OR ALTERNATIVE EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, SITE ENGINEER, COUNTY AND/OR THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, OR GOVERNING AGENCIES. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED.
- 7. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROLS BEFORE AND AFTER EACH STORM EVENT, OR AT LEAST WEEKLY, TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS WHERE NECESSARY.
- 8. THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (FILTER BAG INLET PROTECTION, SILT FENCE, ETC.) ON-SITE FOR MAINTENANCE AND EMERGENCY REPAIRS.
- 9. PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING AT THE DRIP LINE OR AS SHOWN WITH SNOW FENCE, ORANGE SAFETY FENCE, OR EQUIVALENT FENCING. ANY LIMB TRIMMING SHOULD BE DONE BEFORE CONSTRUCTION BEGINS IN THAT AREA; FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
- 10. INSTALL PERIMETER EROSION CONTROLS PRIOR TO CLEARING OR CONSTRUCTION. ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SILT FENCE UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE FENCE.
- 11. STONE CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED AT START OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES
- 12. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR USE IN FINAL LANDSCAPING. ALL EARTH STOCKPILES SHALL HAVE SILT FENCE AROUND THE LIMIT OF PILE. PILES SHALL BE TEMPORARILY SEEDED IF PILE IS TO REMAIN IN PLACE FOR MORE
- 13. STONE CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED PRIOR TO ANY ON SITE EXCAVATION AND SHALL BE MAINTAINED DURING ALL DEMOLITION, EXCAVATION AND CONSTRUCTION ACTIVITIES.
- 14. MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (ONE WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEEDED WITH TACKIFIER.
- 15. MAINTAIN EXISTING PAVED AREAS FOR CONSTRUCTION STAGING FOR AS LONG AS POSSIBLE.
- 16. SILT FENCE AND OTHER EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CONTRACT DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS PRIOR TO WORK IN ANY UPLAND AREAS.
- 17. EXCAVATED MATERIAL FROM TEMPORARY SILT TRAPS MUST BE STOCKPILED ON UPHILL SIDE OF SILT FENCE.
- 18. INSTALL SILT FENCE ACCORDING TO MANUFACTURER'S INSTRUCTION, PARTICULARLY, BURY LOWER EDGE OF FABRIC INTO GROUND. SILT FENCE SHALL BE TENCATE ENVIROFENCE, PROPEX GEOTEX OR EQUIVALENT APPROVED BY THE CIVIL ENGINEER. FILTER FABRIC USED SHALL BE TENCATE 140N OR 170N, OR APPROVED EQUIVALENT. SEE SPECIFICATIONS FOR
- 19. DIRECT ALL DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE SUCH AS TEMPORARY PITS OR GRASS FILTERS WITHIN THE APPROVED LIMIT OF DISTURBANCE. DISCHARGE TO STORM DRAINAGE SYSTEM OR SURFACE WATERS FROM
- 20. SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. OTHER DUST CONTROL MEASURES TO BE USED AS NECESSARY INCLUDE WATERING DOWN DISTURBED AREAS, USING CALCIUM CHLORIDE, AND COVERING LOADS ON DUMP TRUCKS.
- 21. CLEAN ACCUMULATED SEDIMENT FROM CATCH BASIN SUMPS AS NECESSARY AND AS DIRECTED BY THE CIVIL ENGINEER OR OWNER'S CONSTRUCTION REPRESENTATIVE. REMOVE ACCUMULATED SEDIMENT FROM BEHIND SILT FENCE WHEN LEVEL REACHES ONE FOOT AT SILT FENCE. DISPOSE OF SEDIMENT LEGALLY EITHER ON OR OFF SITE.
- 22. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- 23. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG OR EQUIVALENT SEDIMENT REMOVAL FACILITY, OVER UNDISTURBED VEGETATED AREAS.
- 24. ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF UTILITY AND STORM PIPE TRENCHES SO AS TO ALLOW THE TRENCH TO INTERCEPT ALL SILT LADEN RUNOFF.
- 25. CONTRACTOR SHALL ONLY EXCAVATE AS MUCH UTILITY AND STORM PIPE TRENCH WORK AS CAN BE COMPLETED, BACKFILLED AND STABILIZED IN ONE DAY SO AS TO LIMIT THE AMOUNT OF OPEN, DISTURBED TRENCHING.
- 26. ANY STOCKPILES OF STRIPPED MATERIALS ARE TO BE PERIODICALLY SPRAYED WITH WATER OR A CRUSTING AGENT TO STABILIZE POTENTIALLY WIND-BLOWN MATERIAL. HAUL ROADS BOTH INTO AND AROUND THE SITE ARE TO BE SPRAYED AS NEEDED TO SUPPRESS DUST. TRUCKS HAULING IMPORT FILL MATERIAL ARE TO BE TARPED TO AID IN THE CONTROL OF AIRBORNE DUST. DURING HIGH WIND EVENTS (20 TO 30 MPH SUSTAINED) CONSTRUCTION ACTIVITY SHALL BE LIMITED OR

- CEASED IF DUST CANNOT BE CONTROLLED BY WETTING.
- 27. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM OF 70% UNIFORM PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING OR OTHER MOVEMENTS UNLESS OTHERWISE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
- 28. MAINTAIN ALL PERMANENT AND TEMPORARY EROSION CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP PARKING LOT AND REMOVE ALL TEMPORARY EROSION CONTROLS WHEN AUTHORIZED BY AUTHORITY HAVING JURISDICTION. FILE NOT (NOTICE OF TERMINATION) WITH AUTHORITY HAVING JURISDICTION RESPONSIBLE FOR REGULATING STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES PER



CONCRETE WASHOUT - ABOVE GRADE

MATERIAL



ROCK CONSTRUCTION ENTRANCE

N.T.S

3755 Boettler Oaks Drive Uniontown, Ohio 44685

(234) 294-6340

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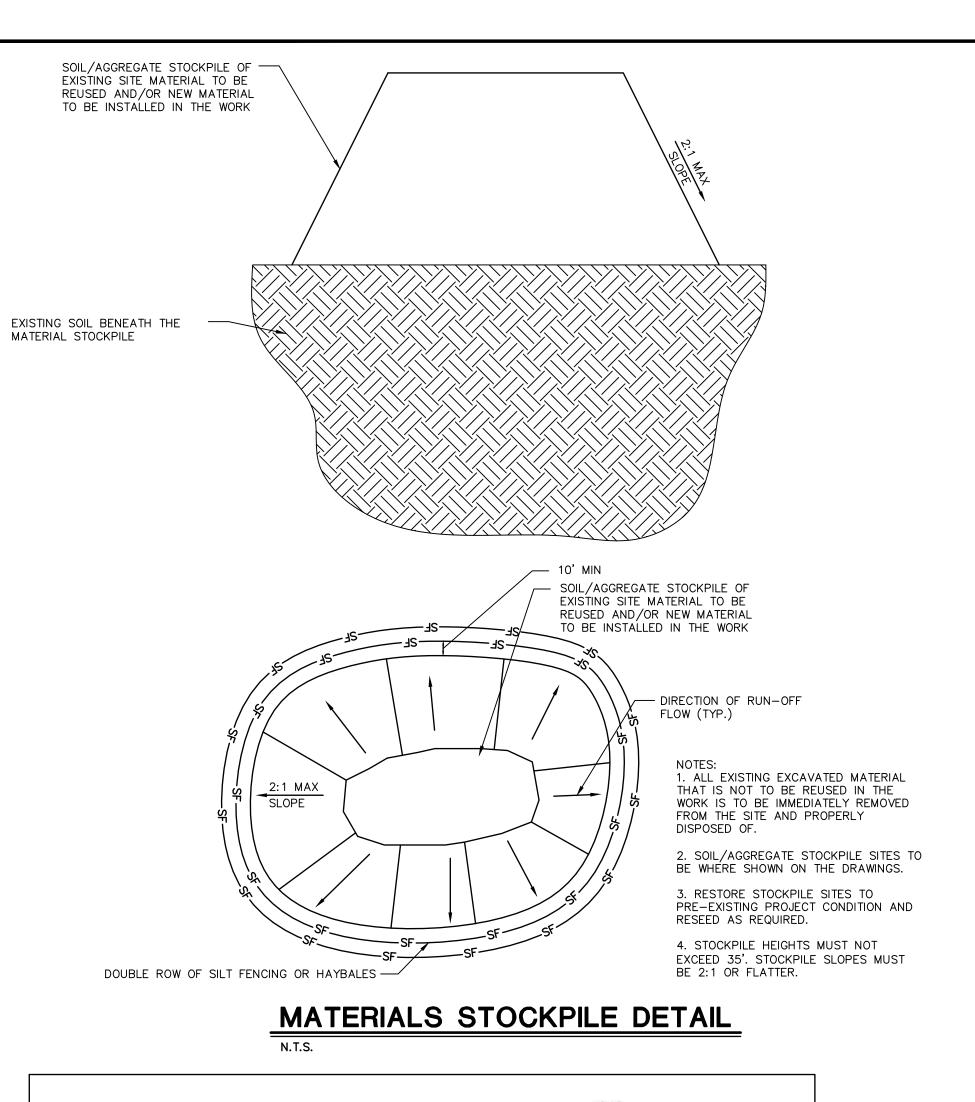
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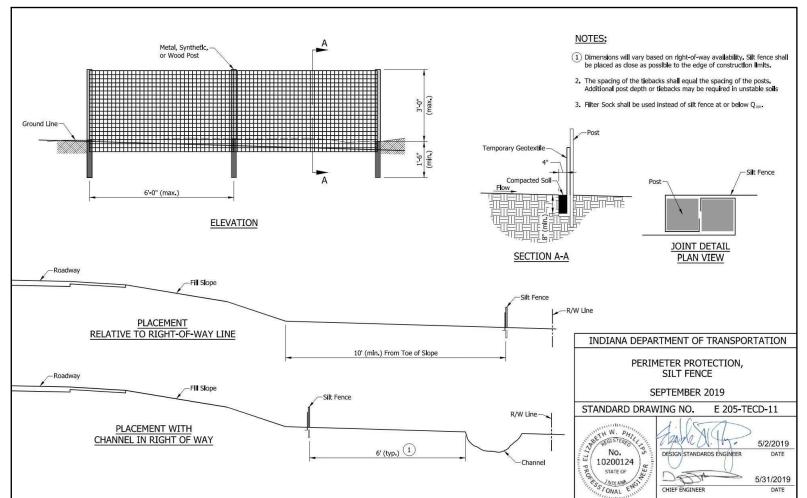
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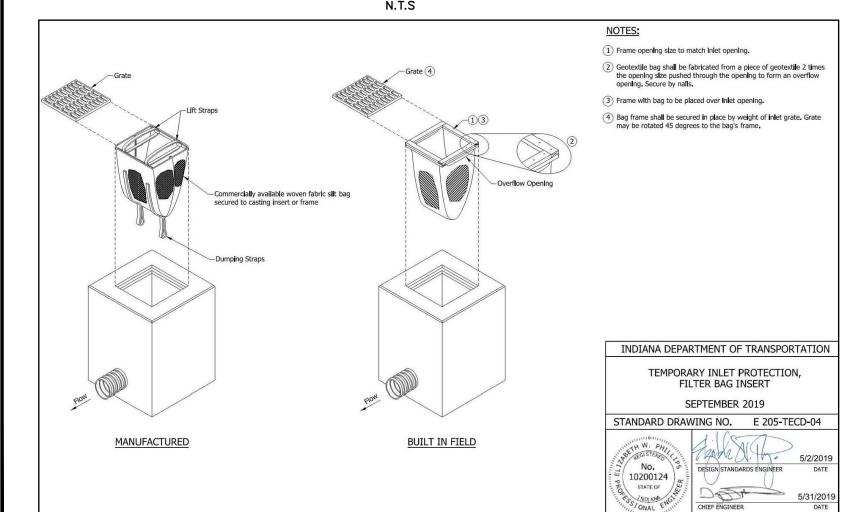
09/08/202 EC210069601 **EROSION CONTROL PLAN**

NOTES & DETAILS

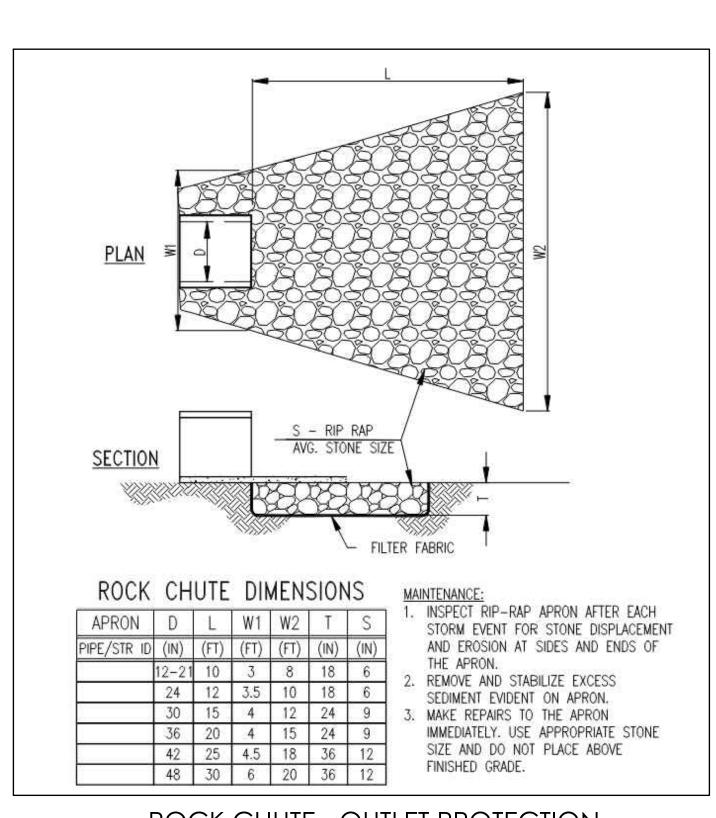




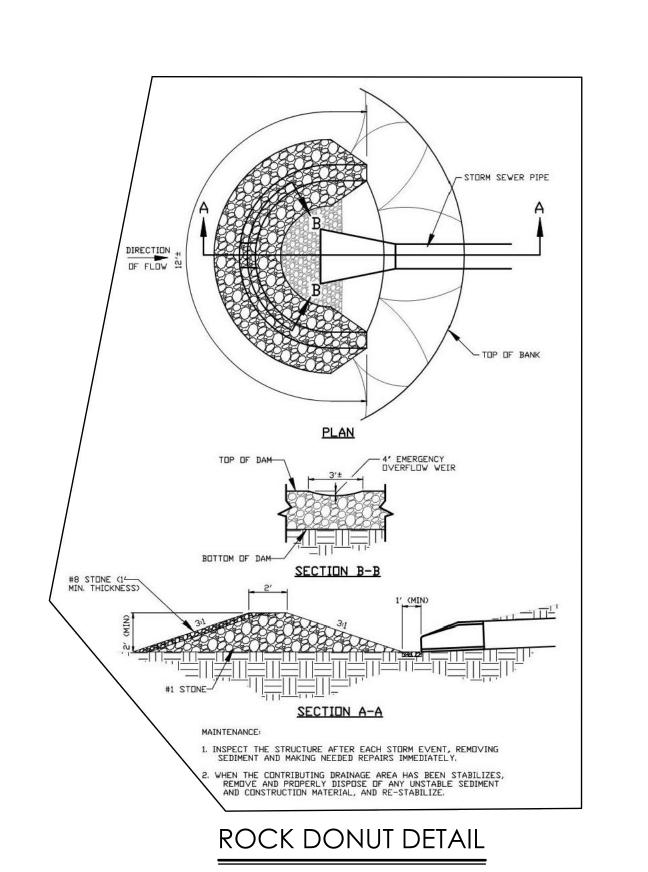
SILT FENCE

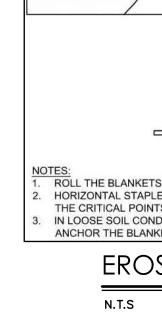


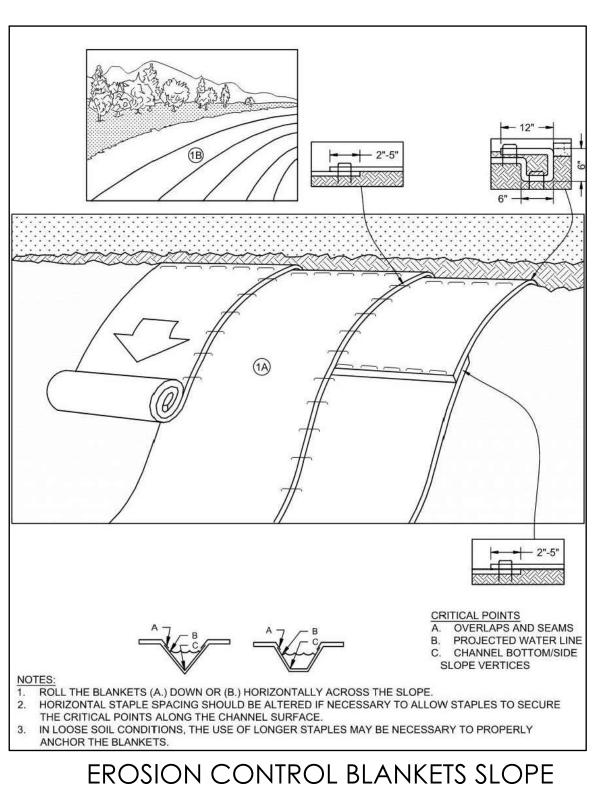
FILTER BAG INLET PROTECTION







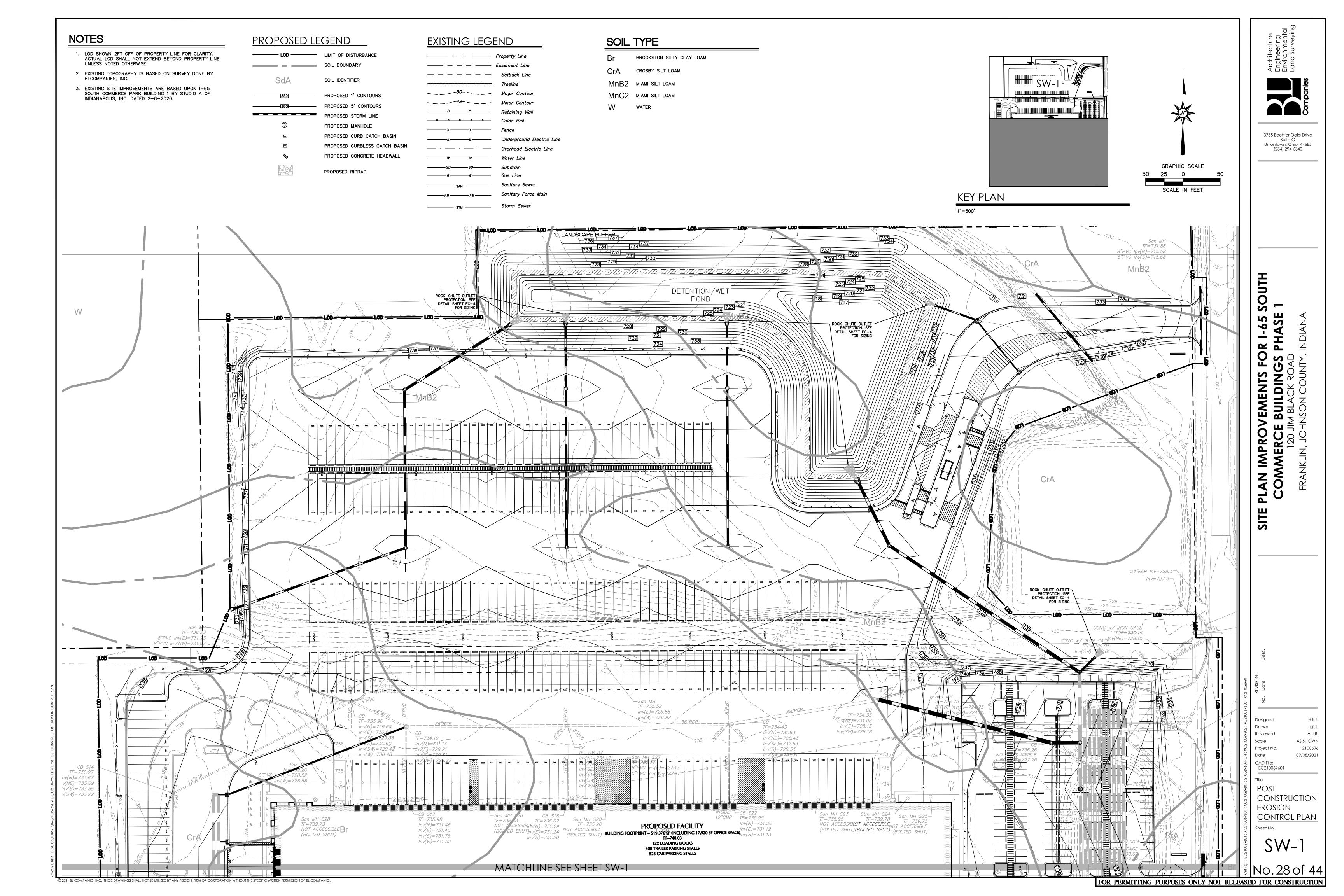


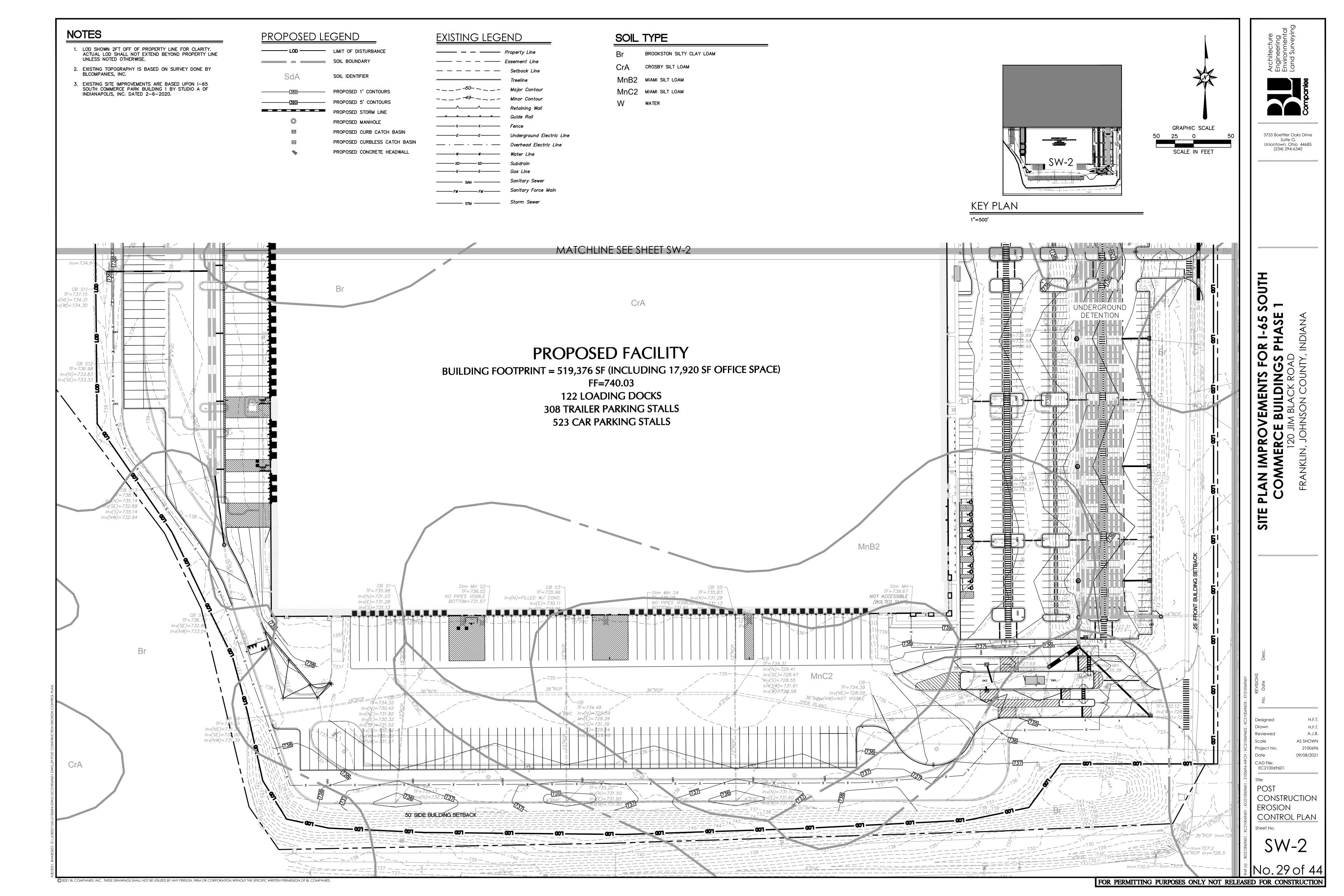


SO SE ~ ~ SITE

3755 Boettler Oaks Drive Suite G Uniontown, Ohio 44685 (234) 294-6340

Designed H.F.T. A.J.B. AS SHOWN Project No. 2100696 09/08/2021 CAD File: EC210069601 **EROSION** CONTROL PLAN DETAILS





ASSESSMENT OF CONSTRUCTION PLAN ELEMENTS (SECTION A)

- 1. PLAN ELEMENTS OF THE SWP3 ARE LOCATED ON THE CONSTRUCTION PLAN SHEETS.
- 2. REFER TO THE EXISTING SITE SURVEY FOR BUILDING LOT NUMBERS/BOUNDARIES AND ROAD LAYOUT/NAMES.
- THE PROJECT INVOLVES THE RECONFIGURATION AND EXPANSION OF THE EXISTING PARKING LOT AND BUILDING TO ACCOMMODATE THE PROPOSED TENANT'S TRUCK TURNING AND PARKING REQUIREMENTS. CONSTRUCTION OF STORM WATER DETENTION POND AND MODIFICATIONS TO EXISTING STORM WATER DETENTION POND.
- 4. A VICINITY MAP IS SHOWN ON THE CONSTRUCTION PLAN TITLE SHEET (CV-1).
- 5. LEGAL DESCRIPTION OF PROJECT SITE:
- SEE EXHIBIT A-1 LEGAL DESCRIPTION OF LAND
- 6. PROPOSED IMPROVEMENTS CAN BE FOUND ON THE CONSTRUCTION PLAN SHEETS
- 7. HUC 14 #05120204090070
- 8. IDEM RULE 5
- 9. SPECIFIC LOCATION WHERE STORMWATER WILL BE DISCHARGE FROM THE SITE CAN BE FOUND ON THE GRADING & DRAINAGE SHEETS. STORMWATER WILL BE CONVEYED BY PROPOSED AND EXISTING STORM SEWER TO EXISTING DRY DETENTION FACILITIES ALONG THE SOUTH SIDE OF THE SITE. THE DRY DETENTION FACILITIES DISCHARGE TO AN EXISTING UNDERGROUND STORM SYSTEM ALONG THE SOUTH EDGE OF THE PROJECT
- 10. WETLAND DETERMINATION HAS YET TO BE MADE. ADJACENT WATERBODIES ARE SHOWN ON THE FLOOD MAP ON THIS SHEET.
- 11. EXISTING POND DRAINAGE FROM (A9) DRAINS ACROSS SR44 AND THEN EAST TO AMITY DITCH EN ROUTE TO YOUNGS CREEK.
- 12. THERE ARE NO KNOWN POTENTIAL DISCHARGES TO GROUND WATER, IF AN ABANDONED WELL, SINKHOLE OR OTHER POTENTIAL DISCHARGE TO GROUNDWATER IS DISCOVERED, THE ENGINEER SHALL BE CONTACTED.
- 13. THE LOT IS LOCATED IN AN UNSHADED ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2 PERCENT ANNUAL CHANCE FLOODPLAIN) AS INDICATED ON THE HANCOCK COUNTY, INDIANA, FLOOD INSURANCE RATE MAP (18081C0232D) DATED 8/2/2007.
- 14. PRE-CONSTRUCTION AND POST CONSTRUCTION ESTIMATES OF PEAK DISCHARGE FOR THE 10 YEAR STORM EVENT CAN BE FOUND IN THE PROJECT STORMWATER MANAGEMENT REPORT.
- 15. THE ADJACENT PROPERTIES USES: NORTH: AGRICULTURAL/COMMERCIAL EAST: AGRICULTURAL/COMMERCIAL SOUTH: COMMERCIAL

WEST: COMMERCIAL/RESIDENTIAL

- 16. THE LIMITS OF DISTURBANCE (CONSTRUCTION LIMITS) ARE SHOWN ON SHEETS EC-1 & EC-2.
- 17. THE EXISTING VEGETATIVE COVER IS SHOWN ON THE EXISTING SITE SURVEY, SHEETS 3-5.
- 18. THE SOILS TYPES AND BOUNDARIES CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS, EC-1 AND EC-2, AS WELL AS IN THE SOILS MAP ON THIS SHEET. A TABLE OF SOIL TYPES FROM THE USDA WEBSOIL SURVEY REPORT CAN BE FOUND ON THIS SHEET.
- 19. LOCATIONS, SIZE AND DIMENSIONS OF PROPOSED STORMWATER SYSTEMS CAN BE FOUND ON THE GRADING & DRAINAGE SHEETS AND ON THE STORM PROFILES. DETAILS OF THE STORM INLETS AND MANHOLES CAN BE FOUND IN THE DETAILS SHEETS.
- 20. THERE ARE NO OFF-SITE CONSTRUCTION ACTIVITIES PROPOSED.
- 21. PROPOSED STOCKPILES ARE SHOWN ON SHEET EC-1 & EC-2. OFFSITE EARTHWORK AREAS SHALL FOLLOW THE GENERAL GUIDELINES CONTAINED IN THIS EROSION CONTROL PLAN.
- 22. EXISTING TOPOGRAPHY CAN BE FOUND ON THE EXISTING CONDITIONS AND CONSTRUCTION PLAN SHEETS.
- 23. PROPOSED TOPOGRAPHY CAN BE FOUND ON THE GRADING & DRAINAGE SHEETS.

ASSESSMENT OF SWP3 - CONSTRUCTION COMPONENT (SECTION B)

- 1. THE POTENTIAL POLLUTANTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT INCLUDE: 1.1. MATERIAL STORAGE AREAS
- 1.2. CONSTRUCTION WASTE MATERIAL
- 1.3. FUEL STORAGE AREAS AND FUELING STATIONS 1.4. EXPOSED SOILS
- 1.5. LEAKING VEHICLES AND EQUIPMENT 1.6. SANITARY WASTE FROM TEMPORARY TOILET FACILITIES
- 1.7. LITTER 1.8. WINDBLOWN DUST
- 1.9. SOIL TRACKING OFF SITE FROM CONSTRUCTION EQUIPMENT
- 2. THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:
- THE FOLLOWING SEQUENCE IS SCHEMATIC IN NATURE; CONTRACTOR SHALL DETERMINE INSTALLATION SCHEDULE TO MINIMIZE EROSION.
- CONTACT THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE "INDIANA 811" TO LOCATE UNDERGROUND UTILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO EARTH DISTURBING ACTIVITIES. MARK UTILITIES ON THE PROJECT SITE. - NOTIFY IDEM RULE 5 COORDINATOR AT 1-800-451-6027 AND THE CITY OF FRANKLIN AT LEAST TWO (2) WORKING DAYS PRIOR TO EARTH
- DISTURBING ACTIVITIES OF THE ACTUAL START DATE FOR EARTH DISTURBING ACTIVITIES. - PROTECT EXISTING WATERWAYS, STREAMS, RIVERS, LAKES WETLANDS, ETC. FROM SEDIMENT AND POLLUTANTS CAUSED BY CONSTRUCTION
- PRESERVE AND PROTECT TREES, SHRUBS, EXISTING VEGETATION, UNIQUE SITE FEATURES, AND EXISTING ITEMS TO REMAIN ON SITE. ESTABLISH STABLE CONSTRUCTION ENTRANCES AND EQUIPMENT AND EMPLOYEE PARKING AND STAGING AREAS.
- INSTALL PERIMETER PROTECTION DEVICES AND MEASURES SUCH AS SILT FENCE. POST NOI AT THE ENTRANCES. PROTECT EXISTING STORM
- WATER SYSTEM INLETS WITH INLET PROTECTION DEVICES. - BEGIN DEMOLITION OF ITEMS TO BE REMOVED FOR THE PROPOSED CONSTRUCTION.
- BEGIN INITIAL LAND CLEARING AND GRADING BY GRUBBING AND CLEARING VEGETATION. WHEN POSSIBLE, PHASE LAND CLEARING AS TO NOT LEAVE LARGE AREAS OF SOIL EXPOSED AND LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE. DISTURBED AREAS LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE MUST BE STABILIZED BY PERMANENT OR TEMPORARY SEEDING, MULCHED, AND MECHANICALLY CRIMPED INTO THE SOIL, OR
- BY OTHER SURFACE STABILIZING METHODS. - PERMANENTLY SEED, OR MULCH, DISTURBED AREAS AS SOON AS POSSIBLE TO PREVENT SEDIMENT LOSS.
- INSTALL EROSION CONTROL BLANKET AS INDICATED ON THE PLANS. THE CONTRACTOR MAY INSTALL ADDITIONAL EROSION CONTROL BLANKET OR TRMS IF THERE IS ANY EROSION OR SCOURING ON THE PROJECT SITE.
- INSTALL CONCRETE WASHOUT AREA TO BE USED DURING CONSTRUCTION OF DRIVES, PARKING LOTS, AND AND SIDEWALKS. - CONSTRUCT STORM WATER CONVEYANCE SYSTEMS INCLUDING STORM SEWERS. PROVIDE INLET PROTECTION IMMEDIATELY UPON COMPLETION OF
- THE INLET. - PLACE ENERGY DISSIPATERS AT THE DOWNSTREAM END SECTION OUTLETS. THE ENERGY DISSIPATERS MUST BE IN PLACE BEFORE STORM
- WATER PIPES ARE CONVEYING WATER TO THE OUTLET POINT. - CONSTRUCT REMAINING DRIVES, PARKING LOTS, AND SIDEWALKS.
- FINE GRADE SITE, PERMANENTLY SEED AND LANDSCAPE. THE CONTRACTOR SHALL NOTIFY THE CITY OF FORT WAYNE ENGINEERING SUPPORT SERVICES OF EXCESS SOIL DISPOSAL IF LOCATED OFF-SITE.
- REMOVE TEMPORARY EROSION CONTROL DEVICES AND MEASURES, ONCE THE CONTRIBUTION DRAINAGE AREA IS STABILIZED, AND STABILIZE
- ANY DISTURBED SOIL WITH PERMANENT SEEDING. - REMOVE CONSTRUCTION SEDIMENT AND DEBRIS FROM PERMANENT EROSION CONTROL DEVICES AND MEASURES. RECORD OPERATION DEPTHS OF THE WATER QUALITY UNIT FOR OWNER.
- 3. STABLE CONSTRUCTION ENTRANCE LOCATIONS CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS, EC-1 AND EC-2. THE DETAIL CAN BE FOUND ON SHEET EC-3.

- SUBMIT NOTICE OF TERMINATION (NOT) TO IDEM WITH A COPY TO THE CITY OF FRANKLIN MS4 DEPARTMENT.

- 4. SHEET FLOW AREAS WILL BE PROTECTED BY SEED AND MULCH. EROSION CONTROL BLANKETS WILL BE INSTALLED ON SLOPED AREAS WHERE THE SLOPE EXCEEDS 3:1 (HORIZONTAL TO VERTICAL). SILT FENCING WILL BE UTILIZED TO PREVENT SEDIMENTATION FROM LEAVING THE SITE. REFER TO EROSION CONTROL PLAN (EC-1 & EC-2) FOR LOCATIONS AND EROSION CONTROL DETAILS (EC-4) FOR DETAILS.
- 5. ROCK DONUTS WILL BE INSTALLED TO SLOW RUNOFF TO INLETS. REFER TO THE EROSION CONTROL PLAN SHEETS, EC-1 AND EC-2. THE DETAIL CAN BE FOUND ON SHEET EC-4.
- 6. STORM SEWER INLET PROTECTION MEASURES CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS, EC-1 AND EC-2. THE DETAIL CAN BE FOUND
- 7. THERE ARE NO ADDITIONAL RUNOFF PROTECTION MEASURES PROPOSED ON SITE.
- 8. NOT APPLICABLE. THERE ARE NO ADDITIONAL STORM WATER OUTLET PROTECTION MEASURES (RIP RAP APRONS) PROPOSED IN THE SITE AREA.
- 9. NOT APPLICABLE. THERE ARE NO PROPOSED GRADING STABILIZATION STRUCTURES IN THE SITE AREA.
- 10. PERMANENT/TEMPORARY VEGETATION. LOCATION OF EACH EROSION CONTROL/STORMWATER QUALITY MEASURE CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS (EC-1, EC-2) AND THE EROSION CONTROL DETAILS SHEET (EC-3 & EC-4). PERMANENT VEGETATION CAN ALSO BE FOUND ON LANDSCAPE PLANS AND DETAILS SHEETS (LL-1, LL-2, LL-3). SEDIMENT FOREBAY AND DRY DETENTION POND ARE EXISTING.
- 11. TEMPORARY SURFACE STABILIZATION METHODS CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS (EC-01 AND EC-02) AND THE LANDSCAPING NOTES AND DETAILS SHEET (LL-3). ADDITIONAL DETAILS CAN BE FOUND ON SHEET EC-03.
- 12. PERMANENT SURFACE STABILIZATION SPECIFICATIONS CAN BE FOUND ON THE POST CONSTRUCTION EROSION CONTROL PLAN SHEETS (SW-1 AND SW-2) AND THE LANDSCAPING NOTES AND DETAILS SHEET (LL-3).

SECTION B (CONTINUED)

- 13. MATERIAL AND SPILL PREVENTION PLAN AND EMERGENCY CONTACT INFORMATION CAN BE FOUND ON THE EROSION CONTROL PLAN
- 14. MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED STORM WATER QUALITY MEASURE CAN BE FOUND ON THE EROSION CONTROL PLAN SHEETS SW-3.
- 15. EROSION CONTROL SPECIFICATIONS IN THESE PLANS COVER THE ENTIRE SITE AREA.

ASSESSMENT OF SWP3 - POST CONSTRUCTION COMPONENT (SECTION C)

1. THE POTENTIAL POLLUTANTS ASSOCIATED WITH THE PROPOSED LAND USE OF THIS PROJECT INCLUDE:

5. DESCRIPTION OF MAINTENANCE GUIDELINES FOR POST CONSTRUCTION STORM WATER QUALITY MEASURES:

- 1.1. SEDIMENT 1.2. NUTRIENTS
- 1.3. OIL, GREASE & GENERAL CHEMICALS FROM TRUCKS
- 1.4. TRACE METALS 1.5. ROAD SALTS
- 2. SEQUENCE DESCRIBING STORM WATER QUALITY MEASURE IMPLEMENTATION:

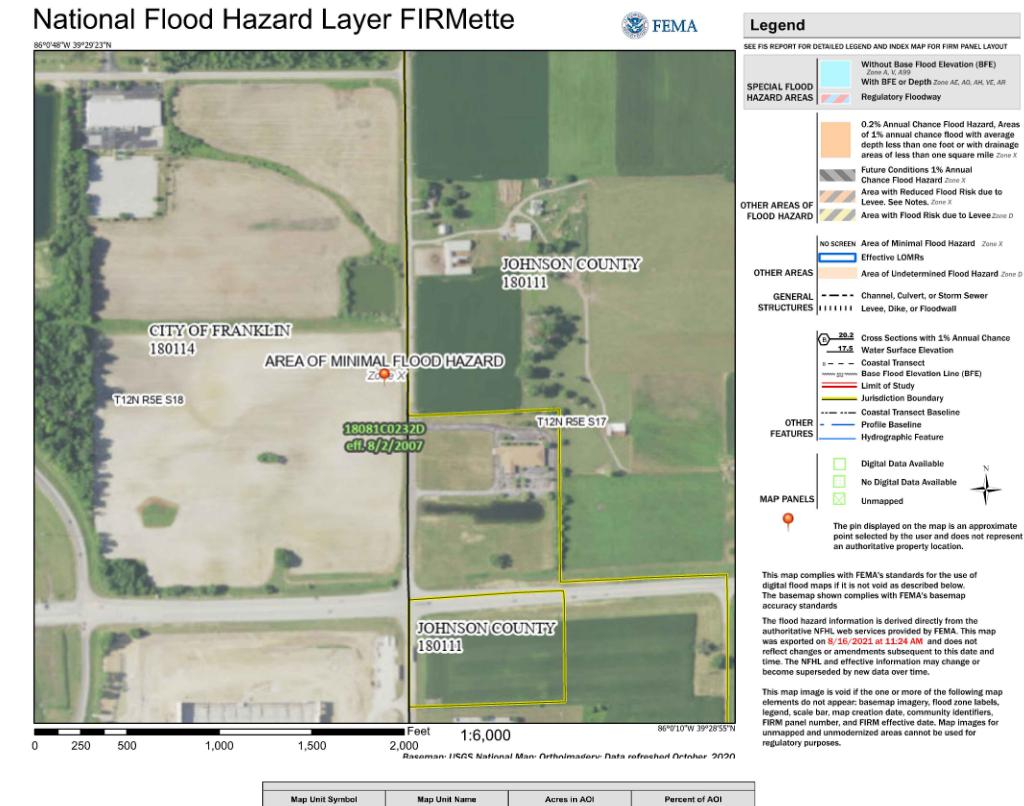
OPERATION DEPTHS OF THE WATER QUALITY UNIT FOR OWNER.

PREVENT IT FROM GETTING DOWNSTREAM WATERWAYS.

- THE PRIMARY POST-CONSTRUCTION BMP IS THE WET POND SHOWN ON GD-1 OF THE PLANS. IT SHOULD BE FINISHED GRADED AND LANDSCAPED ONCE THE UPSTREAM WATERSHED HAS BEEN ADEQUATELY STABILIZED PER PART B OF THIS SWPPP. INSPECT AND MAINTAIN ALL POST CONSTRUCTION BMPS AS DETAILED IN THE OPERATION AND MAINTENANCE MANUAL REQUIREMENTS BEGINNING IMMEDIATELY AFTER INSTALLATION AND CONTINUING UNTIL VEGETATION HAS BEEN SUFFICIENTLY ESTABLISHED AND ALL CONSTRUCTION ACTIVITY IS COMPLETE..
- REMOVE TEMPORARY EROSION CONTROL DEVICES AND MEASURES, ONCE THE CONTRIBUTION DRAINAGE AREA IS STABILIZED, AND STABILIZE ANY DISTURBED SOIL WITH PERMANENT SEEDING. - REMOVE CONSTRUCTION SEDIMENT AND DEBRIS FROM PERMANENT EROSION CONTROL DEVICES AND MEASURES. RECORD
- 3. A DESCRIPTION OF THE PROPOSED POST CONSTRUCTION STORM WATER QUALITY MEASURES CAN BE FOUND IN THE STORM WATER REPORT FOR THE PROJECT.
- 4. LOCATION, DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS OF STORM WATER QUALITY MEASURES: WET POND GRADING PROVIDED ON SHEET GD-1.
- SEE BMP OPERATION AND MAINTENANCE MANUAL. MAINTENANCE OF ALL POST CONSTRUCTION STORM WATER POLLUTION PREVENTION MEASURES WILL BE THE RESPONSIBILITY OF THE OWNER. THE MAINTENANCE GUIDELINES CONSIST MAINLY OF GOOD HOUSEKEEPING MEASURES. ANY GRASSED OR VEGETATED AREAS THAT EXPERIENCE EROSION FROM RAINFALL EVENTS SHOULD BE

REPAIRED AND REVEGETATED AS SOON AS POSSIBLE. TRASH OR LITTER SHOULD BE PICKED UP AND PROPERLY DISPOSED OF TO





Brookston silty clay loam, 0 to percent slopes Crosby silt loam, fine-loamy Miami silt loam, 6 to 12 perce

SOILS MAP AND LEGEND

N.T.S

3755 Boettler Oaks Drive Suite G Uniontown, Ohio 44685 (234) 294-6340

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H.F.T Designed Drawn H.F.T. A.J.B. Reviewed **AS SHOWN** Scale Project No. 2100696 09/08/2021 Date

CAD File: EC210069601 POST CONSTRUCTION

EROSION CONTROL PLAN SHADIES