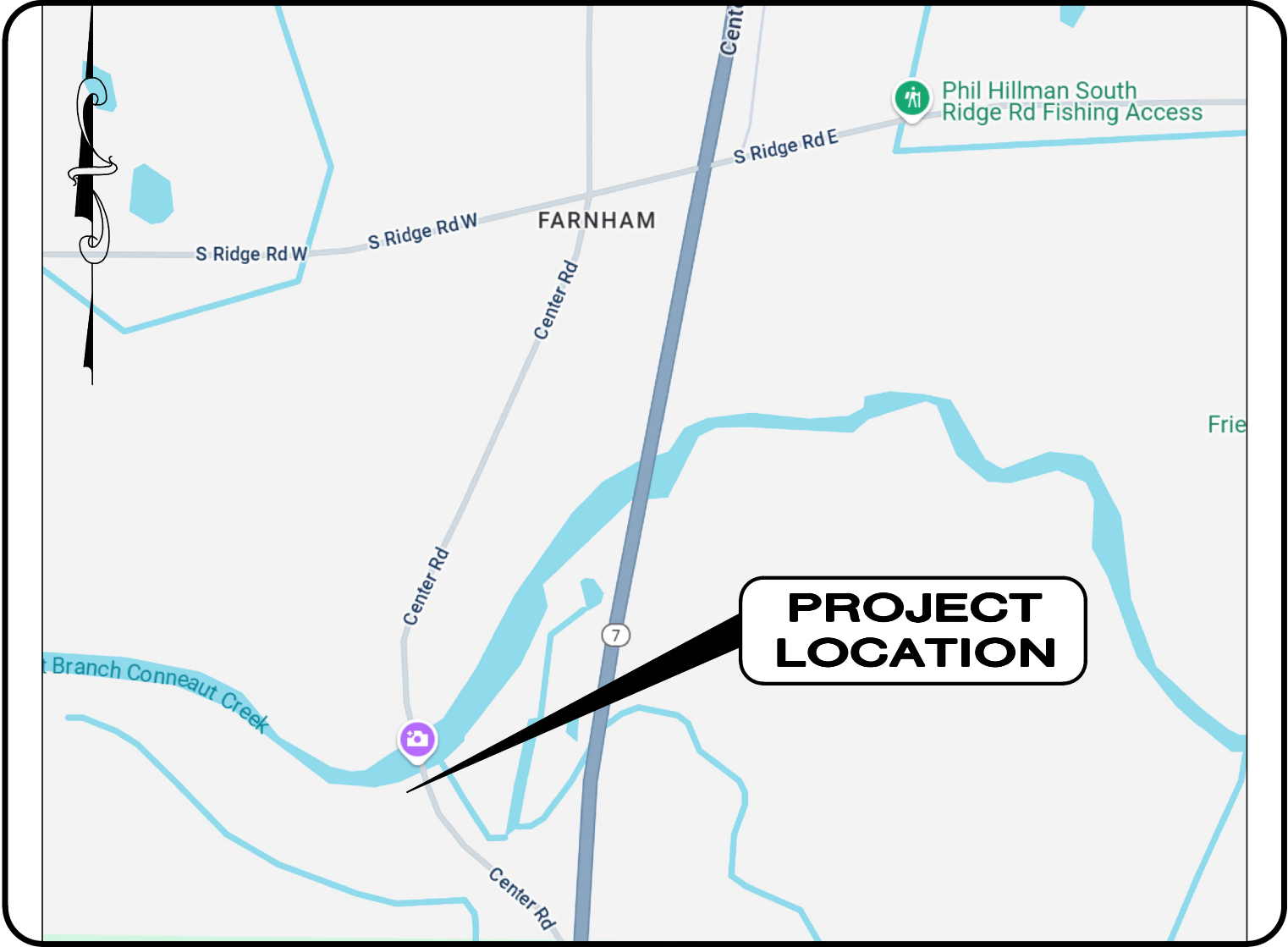
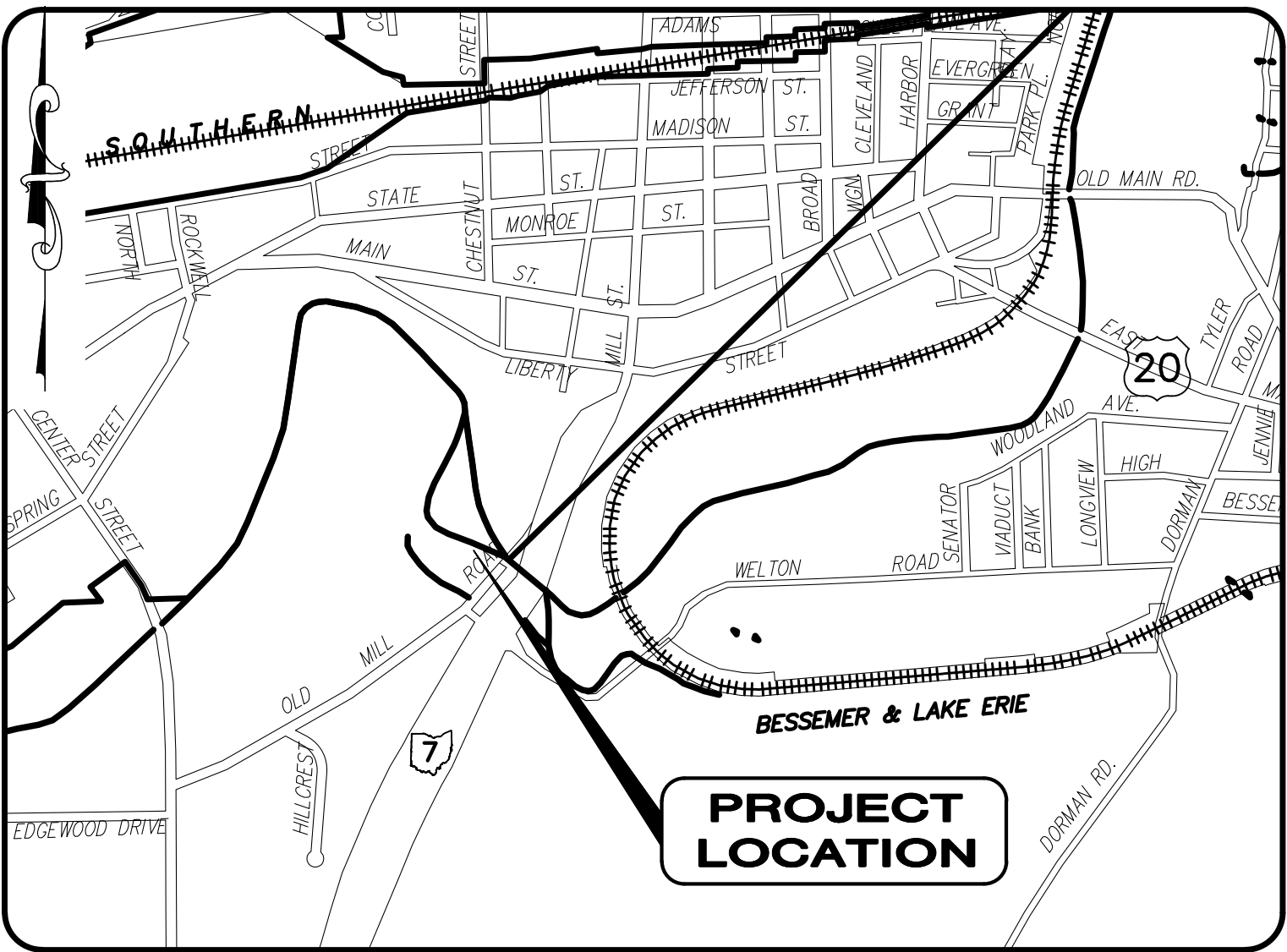
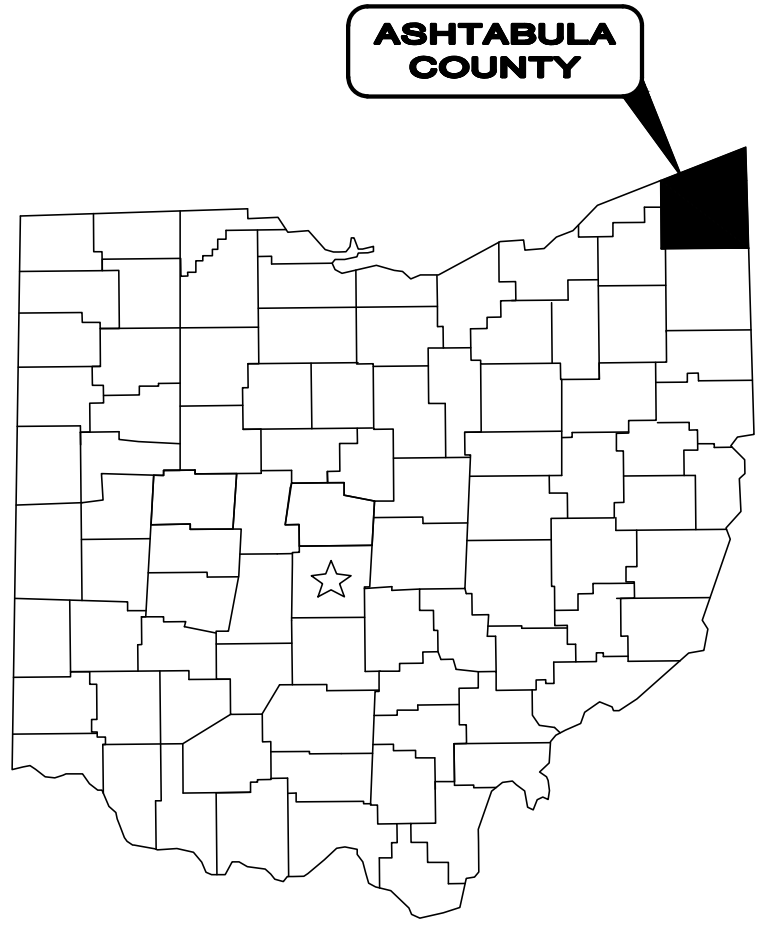


CONNEAUT TOWNSHIP PARK COMMISSION
FARNHAM PARK
KAYAK LAUNCH SITE IMPROVEMENTS
CENTER STREET, CITY OF CONNEAUT, ASHTABULA COUNTY, OHIO
ACPG FUNDED PROJECT NO. BLI-121836
DECEMBER 2025

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1	Cover Sheet	CO
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4	Construction Details	DT-1
5	Construction Details	DT-2



FARNHAM PARK LOCATION MAP



OLD MILL ALTERNATE BID LOCATION MAP

1" = 1000'

verdantas

ENGINEER'S PROJECT No. 32592

BOARD OF COMMISSIONERS

- MICHAEL J. SMITH - PRESIDENT
JEFFERY MYERS - VICE PRESIDENT
DANIEL SULLIVAN JR. - COMMISSIONER
MICHELLE TAYOR - FISCAL OFFICER
KEVIN A. LEMMO - SUPERINTENDENT



UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: 1-800-925-0988

Richard R. Washington

RICHARD R. WASHINGTON

P.L.A. No. 794

12/28/25
DATE

GENERAL:

1.

ANY REVISIONS TO THE ACCEPTED CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION IN THE FIELD.
2.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND SHALL NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES.
3.

NO WORK SHALL COMMENCE WITHOUT AN EXECUTED NOTICE TO PROCEED.
4.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH OSHA SAFETY REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL VISITORS, EMPLOYEES AND WORKERS ON THE CONSTRUCTION SITE.
5.

THE CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES.
6.

ALL EXCAVATIONS ARE TO BE SECURED AND PROTECTED AT ALL TIMES.
7.

ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
8.

ANY DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 14 DAYS OF DISTURBANCE SHALL BE TEMPORARILY STABILIZED.
9.

THE CONTRACTOR SHALL WORK WITHIN DESIGNATED STREET RIGHTS-OF-WAY, UTILITY EASEMENTS, AND CONSTRUCTION EASEMENTS WHILE CONSTRUCTING THIS PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MINIMIZE LAND AND PROPERTY DISTURBANCE WITHIN SAID RIGHTS-OF-WAY AND EASEMENTS.
10.

THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS, OR ANY OTHER TYPE OF LAND MONUMENT. THE CONTRACTOR SHALL HAVE ALL MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. THE CONTRACTOR SHALL REPLACE DESTROYED OR DISTURBED LAND MONUMENTS AND SHALL FURNISH A CERTIFICATION BY AN OHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.
11.

ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND LEGALLY DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM OR SURFACE WATERS. POLLUTANTS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE, FUELS, LUBRICANTS, SOLVENTS, CONCRETE BI-PRODUCTS AND CONSTRUCTION MATERIALS.
12.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS.
13.

AT LEAST FIVE DAYS PRIOR TO THE START OF ACTUAL CONSTRUCTION WORK, A PRE-CONSTRUCTION CONFERENCE WILL BE HELD AT A TIME MUTUALLY AGREEABLE TO THE PARTICIPANTS. THE PROJECT ENGINEER, APPROPRIATE CITY AND COUNTY OFFICIALS, THE CONTRACTOR, AND REPRESENTATIVES OF THE UTILITY COMPANIES SHALL ATTEND THE MEETING.
14.

CONTRACTOR IS REQUIRED TO SUBMIT A COMPREHENSIVE WORK SCHEDULE AT THE PRE-CONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE OWNER.
15.

THE CONTRACTOR SHALL NOT COMMENCE WITH ANY FORM OF CONSTRUCTION WITHOUT CONTACTING THE OWNER'S CONSTRUCTION MANAGER A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ARRANGE FOR OBSERVATION. IF ANY CHANGE IN WORK SCHEDULE BECOMES NECESSARY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE CONSTRUCTION MANAGER TO AVOID UNNECESSARY OBSERVATION COSTS. IF NO NOTIFICATION IS MADE IN REGARDS TO CANCELLATION OF WORK, THE CONTRACTOR WILL BE CHARGED FOR THE TIME INCURRED.
16.

ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED FROM 7:30 A.M. TO 7:30 P.M. MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY AND THE ENGINEER.
17.

AS BUILT RECORDS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF PROJECT RECORD DOCUMENTS. THESE DOCUMENTS SHALL INCLUDE REVIEWED SHOP DRAWINGS, CHANGE ORDERS, EQUIPMENT OPERATING INSTRUCTIONS, FIELD TEST RECORDS, AND AS BUILT DRAWINGS. THE AS BUILT DRAWINGS SHALL BE MARKED LEGIBLY IN RED WITH THE ACTUAL LOCATION OF EQUIPMENT AND CONDUITS AS CONSTRUCTED. ALL EQUIPMENT AND UNDERGROUND CONDUITS INSTALLED SHALL HAVE LOCATIONS MARKED IN DISTANCE OFF A LANDMARK AT LEAST EVERY 25 FEET AND AS NECESSARY AT BENDS FOR LOCATION OF A LATER DATE. FINAL DOCUMENTS AND PLANS SHALL BE DELIVERED TO THE OWNER. THE CONTRACTOR SHALL SUBMIT RECORD DRAWINGS TO THE ENGINEER WITHIN 30 CALENDAR DAYS OF THE ISSUANCE OF THE CERTIFICATION OF SUBSTANTIAL COMPLETION OR PRIOR TO THE SUBMISSION OF THE FINAL PAYMENT APPLICATION, WHICH EVER OCCURS FIRST.
18.

CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTING THIS PROJECT TO A READY TO USE FACILITY. ANY IMPACTS TO THE PROJECT BACK THROUGH THEIR MEANS AND METHODS SHALL BE PROPOSED IN ADVANCE THROUGH THE OWNER, ENGINEER, AND RELEVANT REGULATORY AGENCY, AND CONTRACTOR IS RESPONSIBLE FOR ALL COSTS/FEEES ASSOCIATED WITH THE PROJECT.

ODOT SPECIFICATIONS:

1.

THE "CONSTRUCTION AND MATERIAL SPECIFICATIONS" OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ODOT), LATEST EDITION, CURRENT ODOT SUPPLEMENTAL SPECIFICATIONS, AND CURRENT ODOT STANDARD DRAWINGS SHALL GOVERN WORK AND MATERIALS WHICH ARE NOT SPECIFIED OR MODIFIED HEREIN OR ON THE PROJECT CONTRACT DRAWINGS. ALL REFERENCES TO "THE DEPARTMENT" SHALL BE CHANGED TO "THE OWNER OR HIS REPRESENTATIVE." THE PROJECT CONTRACT DRAWINGS AND SPECIFICATIONS, IN THE EVENT OF A DISCREPANCY, SHALL SUPERSEDE THE ODOT SPECIFICATIONS.
2.

THE ABSENCE OF AN "AS PER PLAN" DESIGNATION ON SOME ITEM DESCRIPTIONS IN THE PROPOSAL FOR WHICH THERE ARE CLEAR AND CONTROLLING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO READ, BID AND CONSTRUCT THOSE PARTICULAR ITEMS IN ACCORDANCE WITH THE GOVERNING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS AND THE CONTRACTOR SHALL HAVE NO BASIS OF CLAIM BASED UPON AN "ORDER OF PRECEDENCE".

EXISTING CONDITIONS:

1.

SHOULD IT BECOME NECESSARY TO CHANGE THE POSITION OR TEMPORARILY REMOVE ANY STORM DRAIN, SANITARY SEWER, ELECTRIC CONDUITS, WATER PIPES, GAS PIPES, PROCESS OR OTHER PIPES OR WIRES IN ORDER TO PERMIT THE CONTRACTOR TO USE A PARTICULAR METHOD OF CONSTRUCTION OR IN ORDER TO CLEAR THE STRUCTURES BEING BUILT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE LOCATION AND CIRCUMSTANCES AND SHALL CEASE WORK, IF NECESSARY, UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE BY THE OWNERS OF SAID PIPES OR WIRES TO PROPERLY CARE FOR THE SAME. NO CLAIMS FOR DAMAGES WILL BE ALLOWED ON ACCOUNT OF ANY DELAY OCCASIONED THEREBY. THE ENTIRE COST OF THE CHANGES OR TEMPORARY REMOVAL MUST BE INCLUDED IN THE PRICES STIPULATED FOR THE VARIOUS ITEMS OF WORK TO BE DONE UNDER THIS CONTRACT.

PROTECTION OF THE PUBLIC:

1.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC FROM ANY HAZARDS CAUSED BY THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL PROVIDE SIGNS, BARRICADES, FENCING, PLATES, COVERS, ETC. NEEDED TO PROVIDE THIS PROTECTION. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS WITH RESPECT TO PROTECTING THE PUBLIC.

DUST CONTROL:

1.

MATERIALS AND EQUIPMENT, SUCH AS WATER, ARE TO BE PROVIDED BY THE CONTRACTOR FOR USE AS DUST CONTROL, AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT WILL BE MADE.
2.

THE CONTRACTOR SHALL SUPPLY ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT SUCH AS CALCIUM CHLORIDE (IF NECESSARY), WATER, OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE, AS APPROVED BY THE ENGINEER, TO MINIMIZE DUST GENERATED ON THE CONSTRUCTION SITE AND TO MAINTAIN ALL ROADWAYS BEING USED FOR ACCESS TO THE CONSTRUCTION SITE.

EXISTING UTILITIES:

1.

THE LOCATIONS OF THE UNDERGROUND UTILITIES ARE PLOTTED ACCORDING TO THE INFORMATION FURNISHED BY THE UTILITIES CONCERNED AND THE OWNER DOES NOT GUARANTEE THE ACCURACY THEREOF. CONTRACTOR TO CALL OUPS (1-800-362-2764) *48 HOURS BEFORE YOU DIG* AND CALL OIL & GAS PRODUCERS PROTECTIVE (1-800-925-0988). CONTRACTOR ALSO TO COORDINATE HIS WORK WITH THE UTILITIES AS REPORTED BY OUPS.
2.

IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE OWNER INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS. UTILITY RELOCATION AND SUPPORT COST SHALL BE INCLUDED IN OTHER BID ITEMS.
3.

WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST FOR ANY REQUIRED PROTECTION OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NOT BE THE RESPONSIBILITY OF THE OWNER.

MATERIAL DISPOSAL AND TEMPORARY SURFACES:

1.

THE TOWNSHIP HAS CAPACITY TO TAKE UP TO 4 TRUCKLOADS OF EXCESS TOPSOIL WHICH CAN BE DELIVERED TO A DUMP SITE ADJACENT TO THE CONNEAUT TOWNSHIP PARK. THE CONTRACTOR SHALL COORDINATE TOPSOIL DELIVERY AND FINAL DUMP LOCATION WITH THE PARK SUPERINTENDENT KEVIN LEMMO 440-969-0210.
2.

THE REMOVAL AND DISPOSAL OF ANY SURPLUS EXCAVATED MATERIAL AND CONSTRUCTION DEBRIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR ULTIMATE DISPOSAL. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS, PERMITS, LICENSES, ETC. FROM LOCAL, STATE AND FEDERAL AGENCIES AND/OR PRIVATE LANDOWNERS. THE CONTRACTOR SHALL FURNISH THE ENGINEER A COPY OF ALL APPROVALS OR WRITTEN PERMISSION PRIOR TO DISPOSING OF ANY WASTE AT SAID SITE.
3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE RESTORATION OF ALL MATERIAL WASTE AREAS USED IN THE COURSE OF THIS CONTRACT. THE RESTORATION WORK SHALL INCLUDE CLEANUP, SHAPING AND GRADING AND ESTABLISHMENT OF VEGETATIVE COVER BY SEEDING AND MULCHING IN ACCORDANCE WITH ODOT SPECIFICATION NO. 659. THE FINAL GRADING OF WASTE AREAS SHALL BE PROPERLY SLOPED TO PROVIDE DRAINAGE RUNOFF. ALL ROCKS, BOULDERS AND CONCRETE CHUNKS SHALL BE BURIED WITHIN THE WASTE AREA TO A DEPTH OF AT LEAST TWO (2) FEET AND SHALL NOT BE VISIBLE AT COMPLETION.
4.

THE COST OF HEREIN DESCRIBED WORK, INCLUDING SEEDING AND MULCHING NECESSARY TO SECURE THESE RESULTS, SHALL BE CONSIDERED INCIDENTAL TO THE OTHER VARIOUS ITEMS OF WORK IN THIS CONTRACT AND INCLUDED IN THE RESPECTIVE PAY ITEMS. NO SEPARATE PAYMENT SHALL BE MADE.
5.

TEMPORARY SURFACES WHERE EXCAVATION ARE LOCATED IN STREETS, DRIVES AND PARKING AREAS SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR AND SHALL BE FULLY MAINTAINED TO MINIMIZE INCONVENIENCE TO THE PUBLIC AT NO ADDITIONAL COST TO THE OWNER.
6.

THE ABOVE DESCRIBED WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF ALL WORK AND INCLUDED IN THE RESPECTIVE PAY ITEMS AND SHALL NOT BE A SEPARATE PAY ITEM.
7.

IF AUTHORIZED BY THE OWNER, DUMP SITES MUST BE APPROVED BY THE OWNER AND SHALL NOT BE WITHIN THE FLOODPLAIN OR WETLANDS.

CLEARING AND GRUBBING:

1.

ALL STUMPS, TREES, UNSUITABLE EXCAVATED MATERIAL, AND OTHER CONSTRUCTION DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR, AND INCLUDED IN THE BID PRICE.
2.

NO BACKFILLING OF ANY TRENCHES OR EXCAVATIONS WILL BE PERMITTED WITHOUT TAMPING EQUIPMENT BEING USED. FLOODING, JETTING OR PUDDLING OF BACKFILL WILL NOT BE PERMITTED.
3.

ALL EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ROCK OR SHALE EXCAVATION.
4.

THE CONTRACTOR SHALL INCLUDE ALL NECESSARY PRECAUTIONS TO PROTECT AND SAVE ALL TREES WHICH ARE ADJACENT TO THE LINE OF WORK AND SHALL REMOVE ONLY THOSE TREES WHICH ARE DESIGNATED FOR REMOVAL ON THE PLANS OR DIRECTED BY THE ENGINEER. TREE ROOTS AND OVERHANGING BRANCHES SHALL BE CUT AND REMOVED FROM THE SITE, EXCEPT WITH SPECIAL PERMISSION OF THE ENGINEER. REFER TO PLANS FOR LOCATIONS OF TREE REMOVAL AND CLEARING AND GRUBBING.

RESTORATION:

1.

THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
2.

THE SEEDBED SHALL BE PREPARED BY APPLYING AGRICULTURAL GROUND LIMESTONE OR FERTILIZER AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, APPLY LIME AT 2 TONS/AC. OR FERTILIZER AT 500 LB/AC. OF 10-10-10 OR 12-12-12 ANALYSIS. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 3".
3.

APPLY SEED UNIFORMLY ON FIRM, MOIST SEED BED.
4.

SEEDING SHOULD BE APPLIED FROM MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. IF SEEDING OCCURS OUTSIDE OF THESE DATES, ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM OF 80% GERMINATION. TILLAGE FOR SEEDBED PREPARATION SHALL OCCUR WHEN THE SOIL IS DRY ENOUGH TO CRUMBLE AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND.
5.

SEEDING SHOULD NOT BE APPLIED FROM OCTOBER 1 TO NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE, BUT WILL NOT SURVIVE THE WINTER. USE THE FOLLOWING METHODS FOR DORMANT SEEDING:
 - FROM OCTOBER 1 TO NOVEMBER 20, INCREASE THE SEEDING RATE BY 50%, PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
 - FROM NOVEMBER 20 TO MARCH 15, ONLY IF SOIL CONDITIONS PERMIT, INCREASE THE SEEDING RATE BY 50%, PREPARE THE SEED BED, ADD LIME AND FERTILIZER, APPLY THE SEED MIXTURE, MULCH AND ANCHOR.
6.

APPLY MULCH MATERIAL IMMEDIATELY AFTER SEEDING.
7.

PERMANENT SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS AS NEEDED. AVOID EXCESSIVE IRRIGATION AND MONITOR TO PREVENT EROSION AND DAMAGE FROM RUNOFF.
8.

PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.
9.

ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.

MAINTENANCE OF TRAFFIC NOTES:

1.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC ADJACENT TO THE PROJECT. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL SIGNS, FLAGS, FLAG PERSONS, BARRICADES, SIGN SUPPORTS, CONES, BARRELS AND INCIDENTALS IN CONFORMANCE WITH THE MOST RECENT REVISED EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. INTERFERENCE WITH TRAFFIC SHALL BE KEPT MINIMAL AT ALL TIMES. ALL OPEN TRENCHES AND EXCAVATIONS SHALL BE PROTECTED WITH DRUMS, BARRICADES, OR BARRIERS AT ALL TIMES.

PROHIBITED CONSTRUCTION ACTIVITIES:

1.

THE USE OF EXPLOSIVES WITHIN MUNICIPAL LIMITS, UNLESS A PERMIT IS ISSUED BY THE OWNER.
2.

PUMPING OF SEDIMENT-LADEN WATER FROM TRENCHES OR OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, STREAM CORRIDORS, OR STORM SEWERS; ALL SUCH WATER WILL BE PROPERLY FILTERED OR SETTLED TO REMOVE SILT PRIOR TO RELEASE.
3.

DISCHARGING POLLUTANTS SUCH AS CONCRETE, CHEMICALS, FUELS, LUBRICANTS, BITUMINOUS MATERIALS, RAW SEWAGE, OR ANY OTHER HARMFUL WASTE INTO OR ALONGSIDE OF RIVERS, STREAMS, IMPOUNDMENTS OR INTO NATURAL OR MAN-MADE CHANNELS LEADING THERETO.
4.

OPEN BURNING OF PROJECT DEBRIS WITHOUT A PERMIT.
5.

STORING CONSTRUCTION EQUIPMENT AND VEHICLES AND/OR STOCKPIILING CONSTRUCTION MATERIALS ON PROPERTY, PUBLIC OR PRIVATE, NOT PREVIOUSLY SPECIFIED ON THE PLANS BY THE ENGINEER FOR SUCH PURPOSES.
6.

RUNNING WELL POINT OR PUMP DISCHARGE LINES THROUGH PRIVATE OR PUBLIC PROPERTY AND RIGHTS-OF-WAY WITHOUT PERMISSION OF THE PROPERTY OWNER AND THE CONSENT OF THE ENGINEER.
7.

OPERATION ENTAILING THE USE OF VIBRATORY HAMMERS OR COMPACTORS OUTSIDE THE HOURS OF 8:00 AM AND 5:00 PM OR OUTSIDE THE HOURS ALLOWED BY LOCAL ORDINANCES OR REGULATIONS.
8.

CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY, STREET, ROAD, AVENUE OR BOULEVARD WITHOUT THE PRIOR CONSENT OF MUNICIPAL OFFICIALS AND THE ENGINEER AND CLOSING CLEAR ACCESS:
- 8.1.

BY FIRE PROTECTION EQUIPMENT AND EMERGENCY VEHICLES;
- 8.2.

BY THE PUBLIC TO ANY COMMERCIAL OR PROFESSIONAL PLACE OF BUSINESS, QUASI-PUBLIC OR PUBLIC ESTABLISHMENT, OR PLACE OF RESIDENCE; OR
- 8.3.

BY VEHICLES TO DRIVEWAYS WITHOUT THE PROVISION OF ALTERNATIVE MEANS OF BUILDING INGRESS AND EGRESS.

PROPOSED IMPROVEMENTS:

1.

THE USE OF SLAG OR RECYCLED PRODUCTS WILL NOT BE PERMITTED FOR USE FOR ANY ASPECT OF THIS PROJECT UNLESS APPROVED BY THE MUNICIPALITY AND THE ENGINEER. SPECIFICALLY, NO RECYCLED ASPHALT PRODUCT (RAP) WILL BE PERMITTED.
2.

CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AS PRESCRIBED BY ALL PERMITTING, REVIEWING, GRANT, AND REGULATORY AGENCIES AS PRESCRIBED IN THE PROJECT BOOK, INCLUDING BUT NOT LIMITED TO: ODNR GRANT CONDITIONS, US ARMY CORPS & THE OHIO EPA.
3.

ONCE THE IMPROVEMENTS HAVE BEEN CONSTRUCTED AND COMPLETED, THE DISTURBED SOILS IN THE VICINITY OF THE RAMP AND OTHER PROJECT ELEMENTS (PARKING AND WALKWAYS) WILL BE SEEDED IMMEDIATELY.

DRAINAGE, SOIL EROSION, SEDIMENT AND DUST CONTROL:

1.

POSITIVE DRAINAGE OF ALL CONSTRUCTION AREAS SHALL BE MAINTAINED AT ALL TIMES.
2.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH ODOT ITEM 670.
3.

THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY, SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE PERFORMED DAILY OR AS DIRECTED BY THE CITY, TO MAINTAIN ALL PAVED AREAS AFFECTED BY THE CONSTRUCTION.
4.

THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION INSTALL & MAINTAIN THE FOLLOWING TEMPORARY EROSION & SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION:
 - INLET PROTECTION
 - SILT SOXX AROUND PERIMETER OF DISTURBED AREAS AND STOCK PILES.
 - CONCRETE WASHOUT PIT
 - DAILY SWEEPING
 - CONSTRUCTION ENTRANCE (IF NON PAVED AREAS ARE USED)
 - TEMPORARY & PERMANENT SEEDING.
5.

PAYMENT FOR ALL SOIL EROSION, SEDIMENT AND DUST CONTROL MEASURES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER VARIOUS ITEMS.

NOISE CONTROL PRACTICES:

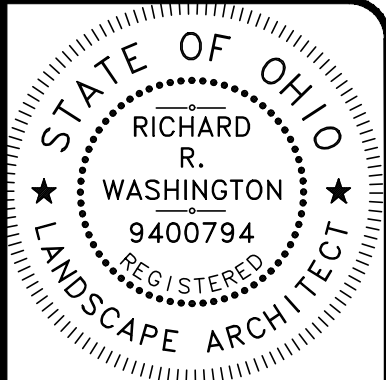
1.

CONSTRUCTION ACTIVITIES WILL BE LIMITED TO WEEKDAY DAYTIME HOURS, UNLESS APPROVED IN ADVANCE BY THE OWNER.
2.

CONSTRUCTION EQUIPMENT WILL BE PROVIDED WITH INTAKE SILENCERS AND MUFFLERS, AS REQUIRED BY SAFETY STANDARDS.
3.

ALL CONSTRUCTION VEHICLES SHOULD BE EQUIPPED WITH PROPER EMISSIONS CONTROL EQUIPMENT.
4.

PERIODICALLY CHECK EQUIPMENT AND MACHINERY FOR PROPER TUNING TO MINIMIZE EXHAUST EMISSIONS AND NOISE.



Richard Washington, License #934
Expiration Date 12/31/2026

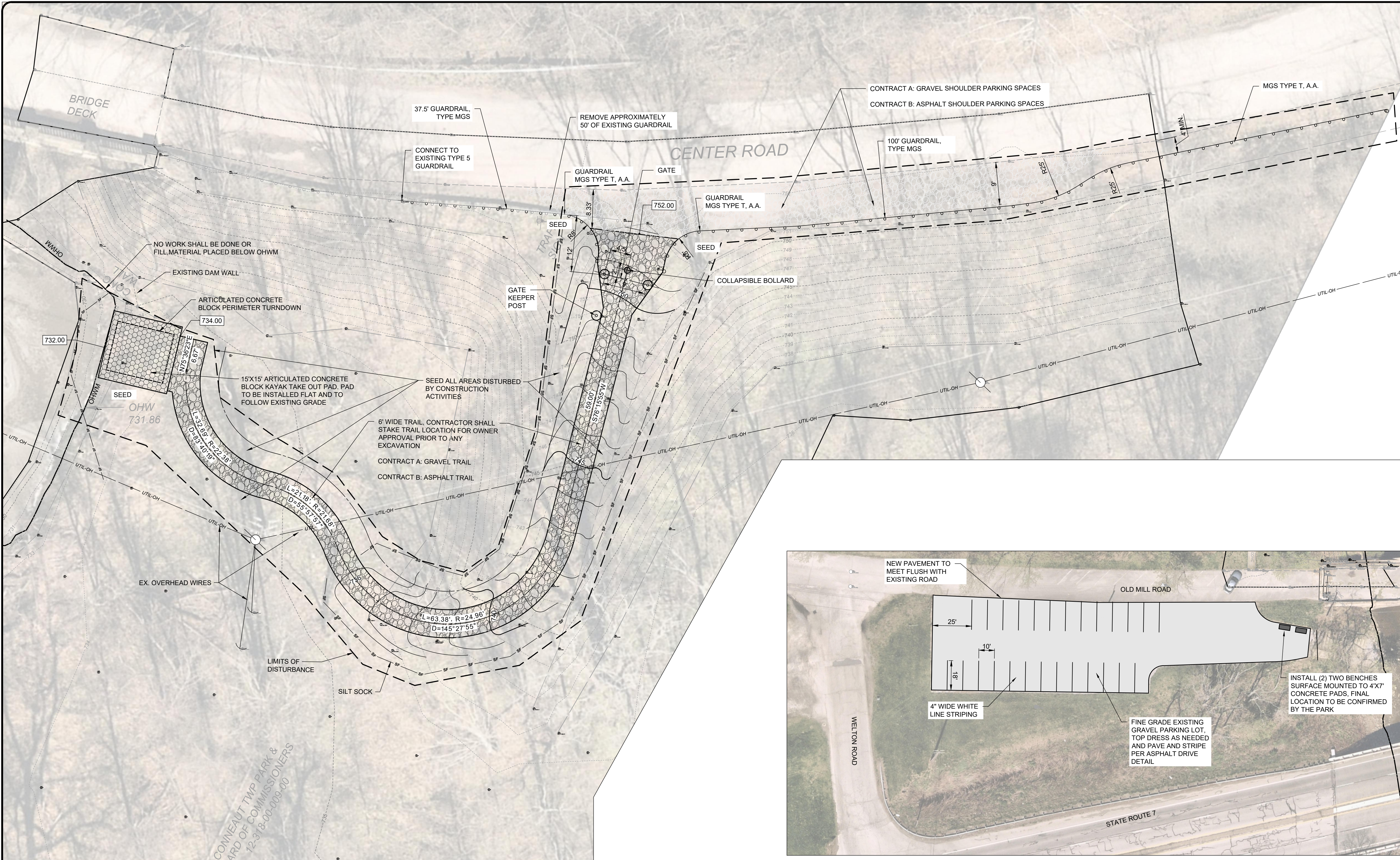


ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	NO	REVISION	DATE
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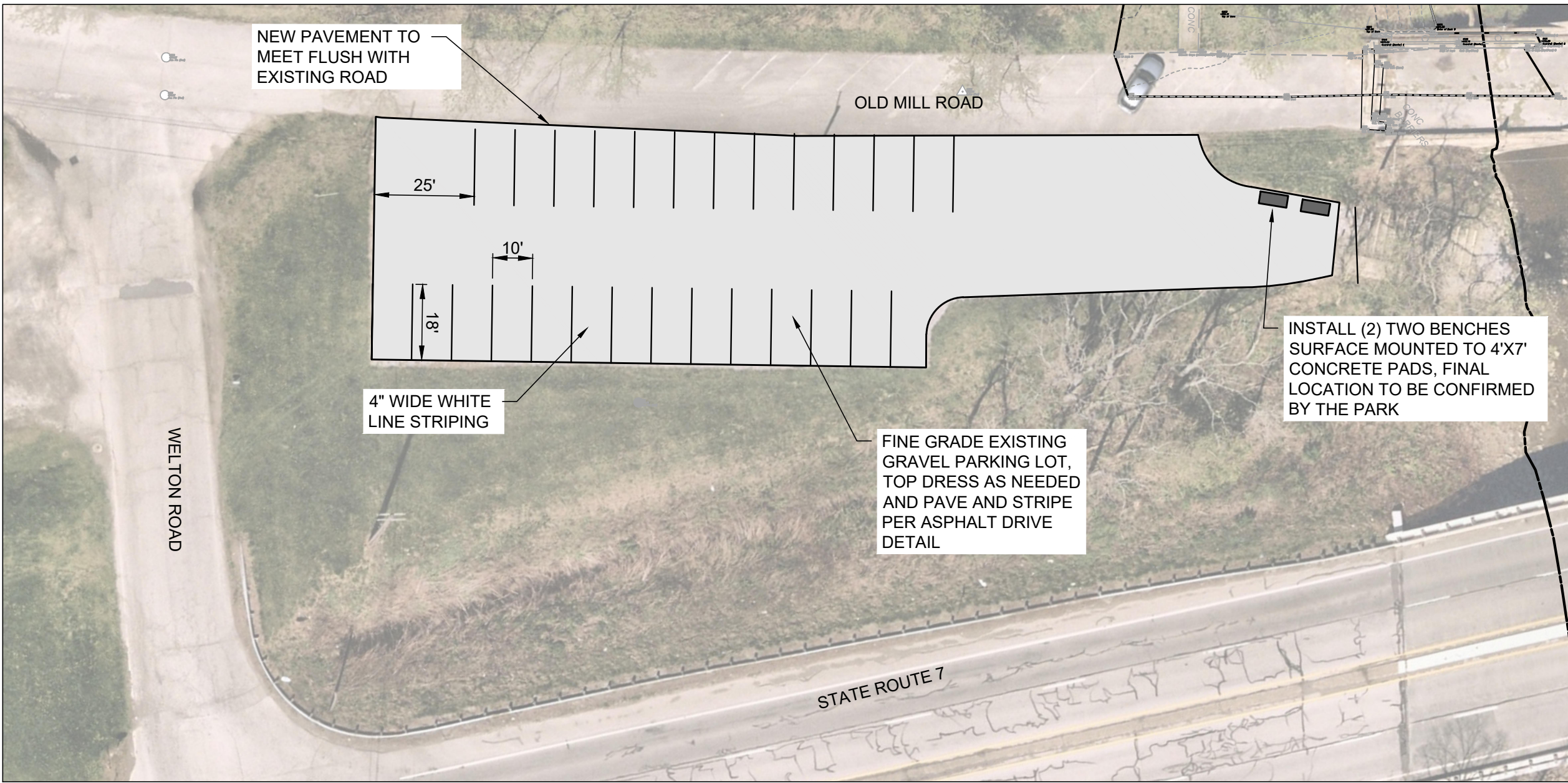
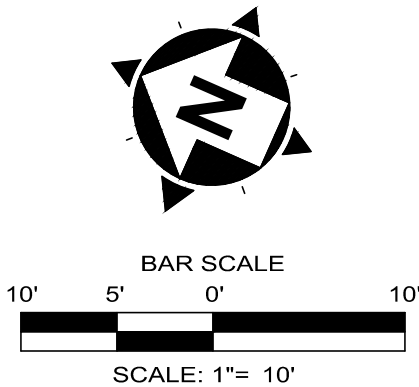
FARNHAM PARK KAYAK LAUNCH
SITE IMPROVEMENTS
- CONNEAUT, OH, ASHTABULA COUNTY -

GENERAL NOTES

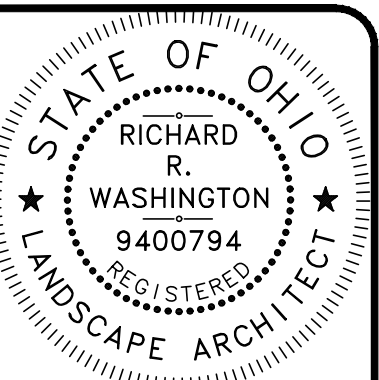
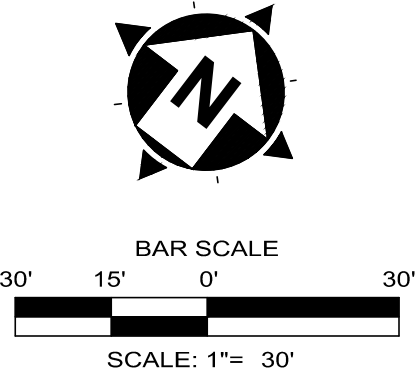
PROJECT NO.	
32592	
DISCIPLINE	
GENERAL	
SHEET NAME	
GN	
SHEET	OF
2	5



FARNUM PARK KAYAK
TAKEOUT PLAN
SCALE: 1" = 20'



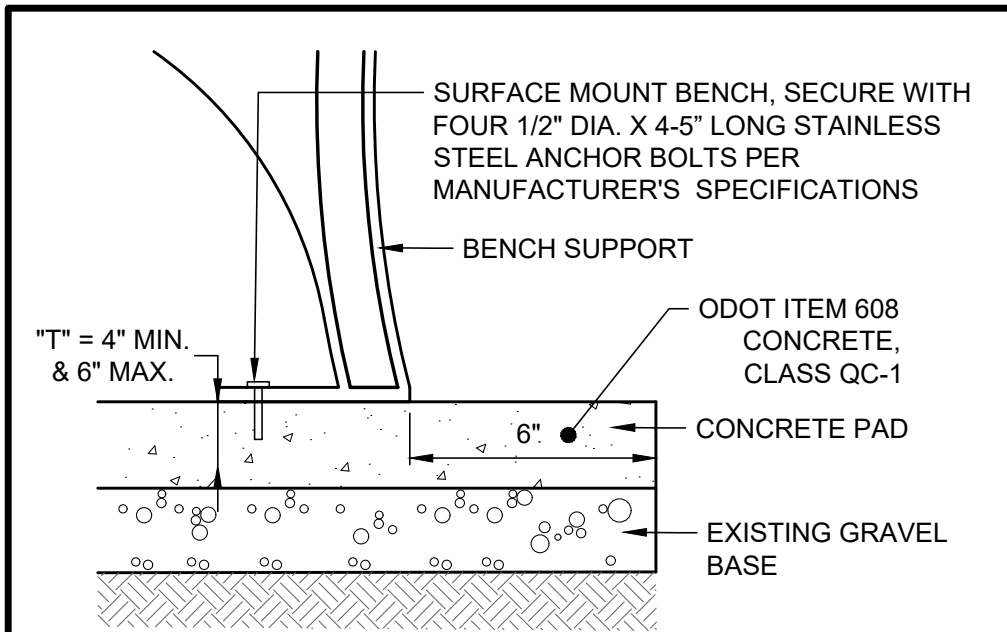
ALTERNATE BID
OLD MILL ROAD KAYAK
PARKING LOT PAVING PLAN
SCALE: 1" = 30'



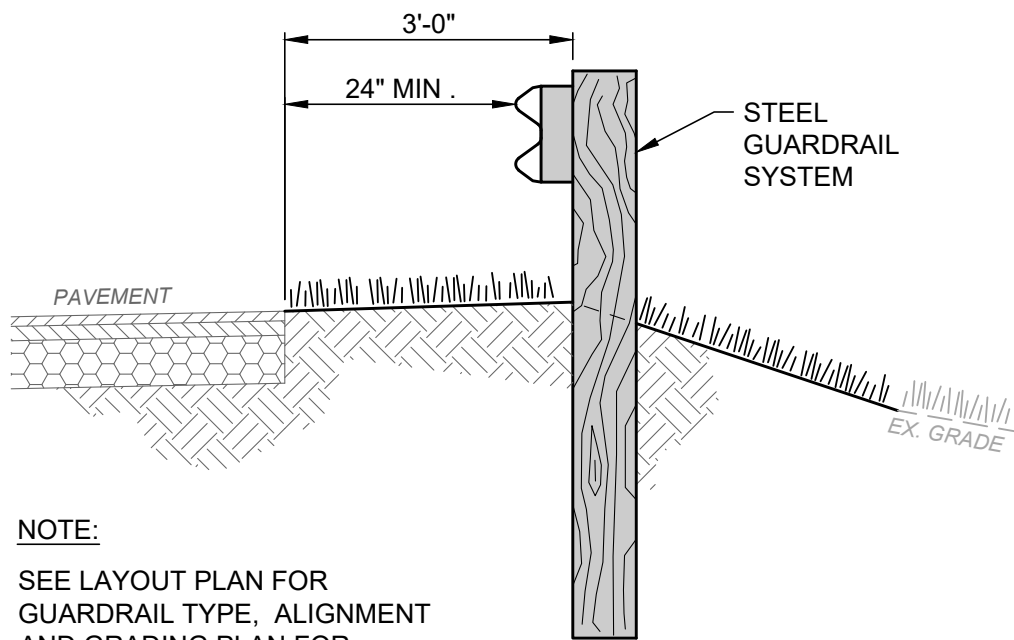
ISSUED FOR:	BID	NO	REVISION	DATE
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SCALE:	AS SHOWN			
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DRAWN BY:	RW			
CHECKED BY:	OK			

FARNHAM PARK KAYAK LAUNCH
SITE IMPROVEMENTS
- CONNEAUT, OH, ASHTABULA COUNTY -
FARNUM PARK
SITE IMPROVEMENT PLANS

PROJECT NO.	32592
DISCIPLINE	CIVIL
SHEET NAME	SP-1
SHEET	3
OF	5

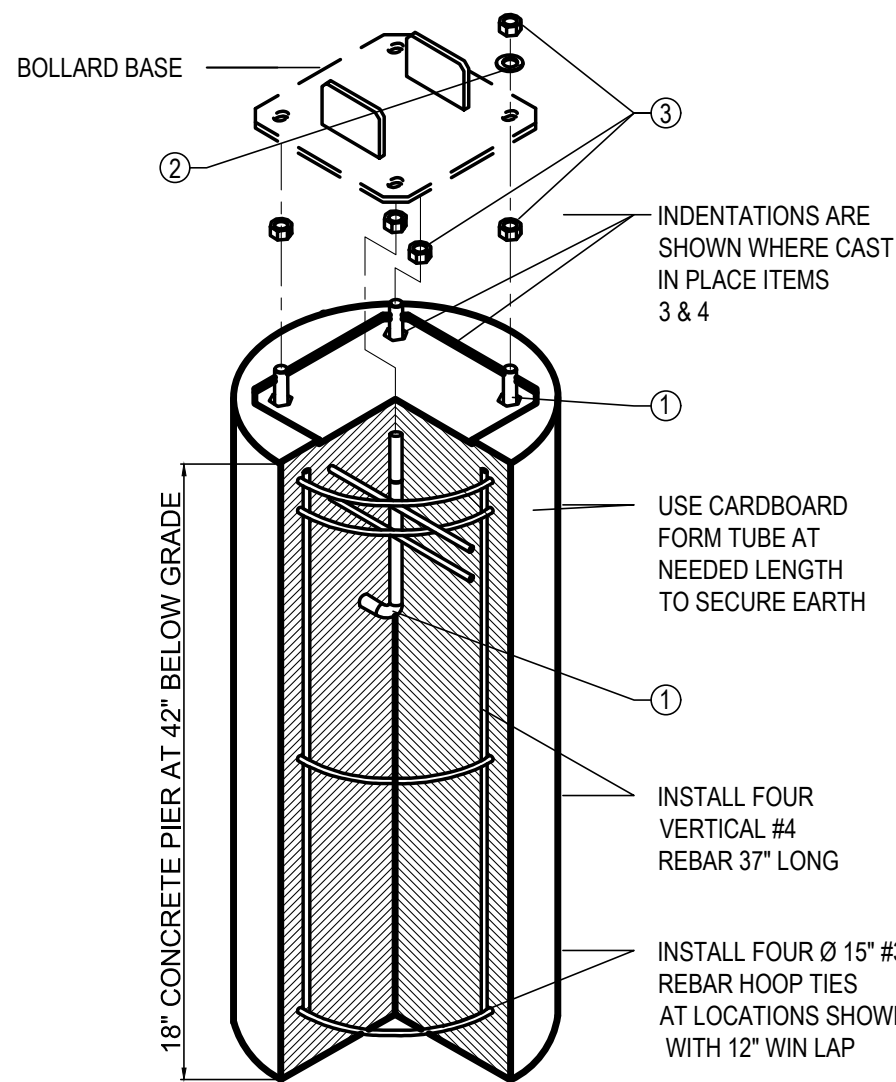


BENCH MOUNT DETAIL
SCALE: NONE



NOTE:
SEE LAYOUT PLAN FOR
GUARDRAIL TYPE, ALIGNMENT
AND GRADING PLAN FOR
ELEVATIONS.

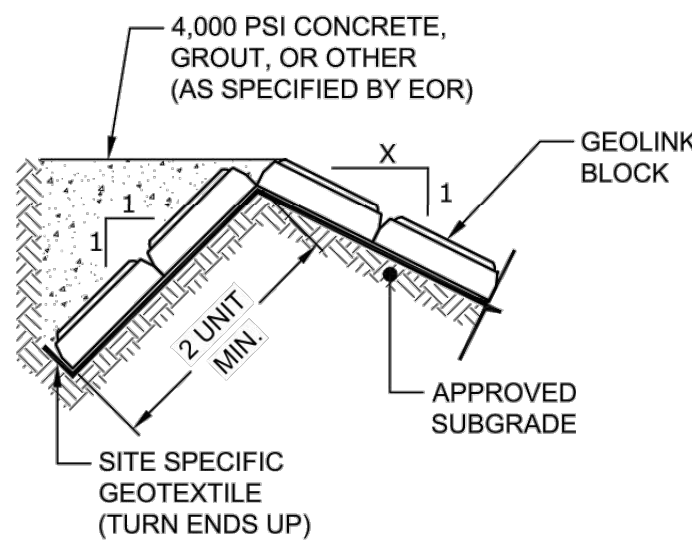
GUARDRAIL LOCATION DETAIL
SCALE: NONE



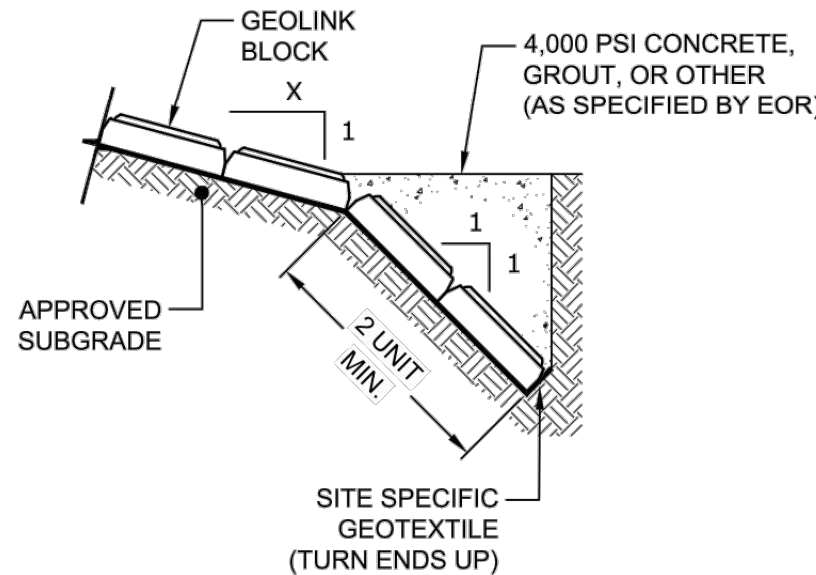
LEGEND:
* ANCHOR BOLT KIT
1 3/4" X 12" TYPE L ANCHOR BOLT H.D.G.
2 3/4" TYPE A FLAT NARROW WASHER GALVANIZED STEEL
3 3/4" HEX NUT GALVANIZED STEEL
THIS DRAWING IS FOR REFERENCE ONLY, REFER TO MANUFACTURER'S
INSTALLATION DETAILS AND SPECIFICATIONS FOR INSTALLTION

**TWO WAY COLLAPSIBLE BOLLARD
FOOTER DETAIL**

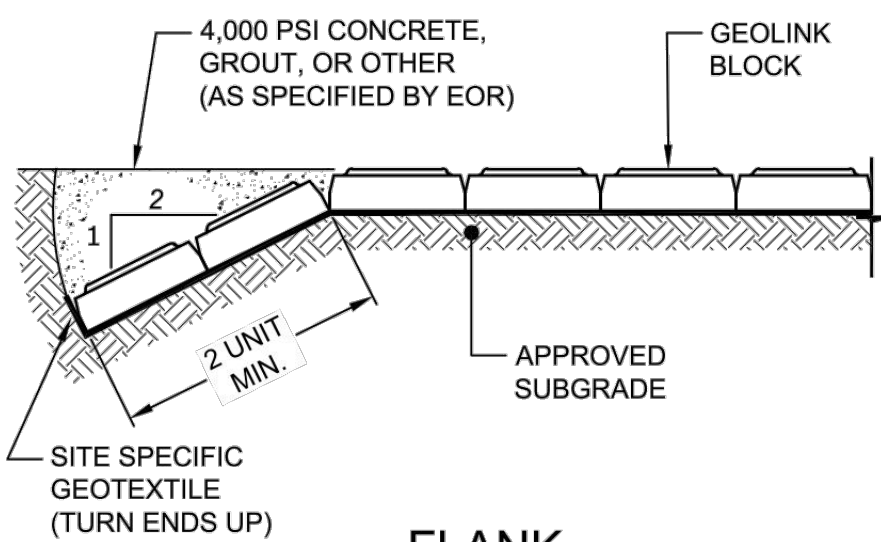
SCALE: NONE



**TOP OF SLOPE
TERMINATION DETAIL**

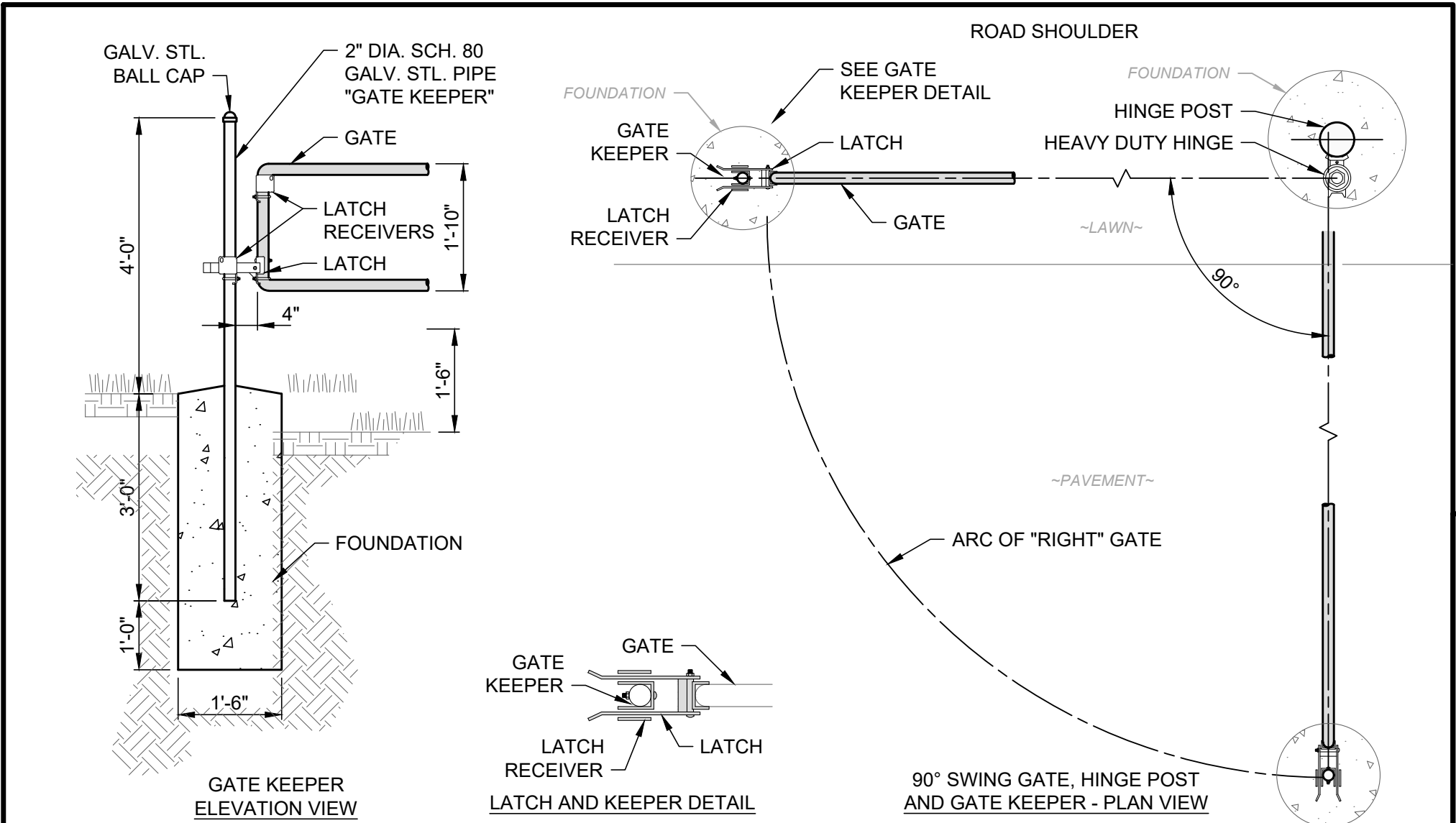


**TOE OF SLOPE
TERMINATION DETAIL**



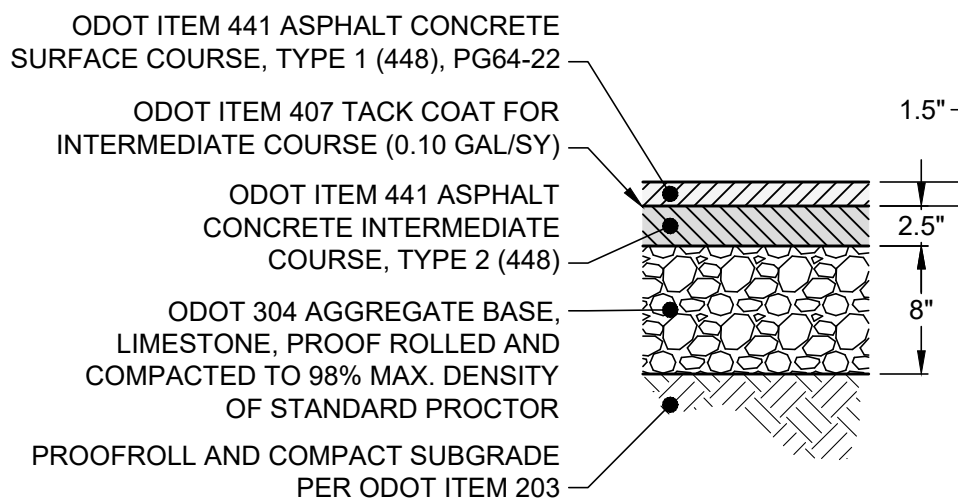
**FLANK
TERMINATION DETAIL**

ARTICULATING CONCRETE BLOCK LAUNCH
SCALE: NONE



- NOTES:
- DIMENSIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES BASED ON A 6' TRAIL.
 - GATES SHALL BE SMOOTH, WATER TIGHT, AND FREE OF BURRS AND SHARP PROJECTIONS FABRICATED FROM NOMINAL SIZE 2" DIA. SCH. 80 STEEL PIPE PER ASTM A-53.
 - GALVANIZE GATE, HINGE POST AND GATE KEEPER AFTER FABRICATION PER ASTM A-123. RE-GALVANIZE AREAS WHERE COATING IS DAMAGED.
 - HEAVY DUTY HINGES SHALL BE MADE FROM STEEL AND PRIME COATED, DESIGNED TO WELD ON OR BOLT TO ROUND PIPE SURFACES, HAVE A MIN. WEIGHT RATING OF 1,500 LBS PER PAIR, AND INCLUDE GREASE FITTINGS.
 - THE ENTIRE GATE SYSTEM SHALL BE PAINTED FOLLOWING THE AMERICAN GALVANIZERS ASSOCIATION (AGA) SPECIFICATIONS. FINAL COLOR TO BE BLACK AS APPROVED BY OWNER.
 - PLACE HIGH INTENSITY REFLECTIVE TAPE ON BOTH SIDES OF ALL VERTICAL INTERNAL BRACE RAILS AND ALONG BOTH SIDES OF TOP AND BOTTOM RAILS. TAPE SHALL BE 2" WIDE CONTINUOUS, FLEXIBLE AND USE A HONEYCOMB PATTERN WITH GLASS BEADS. TAPE COLOR SHALL BE SIMILAR TO GATE COLOR
 - CITY TO PROVIDE PADLOCK AND KNOX BOX.

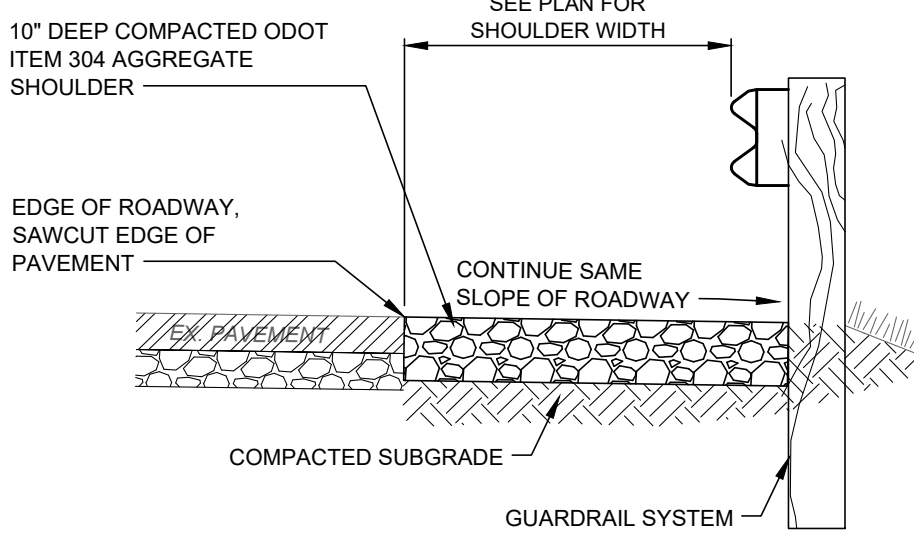
STEEL PIPE SINGLE SWING GATE DETAIL
SCALE: NONE



NOTES:
-SURFACE COURSE SHALL BE VIRGIN ASPHALT MATERIAL ONLY. NO
R.A.P. PERMITTED.
-INTERMEDIATE COURSE CAN HAVE A MAXIMUM OF 25% R.A.P.

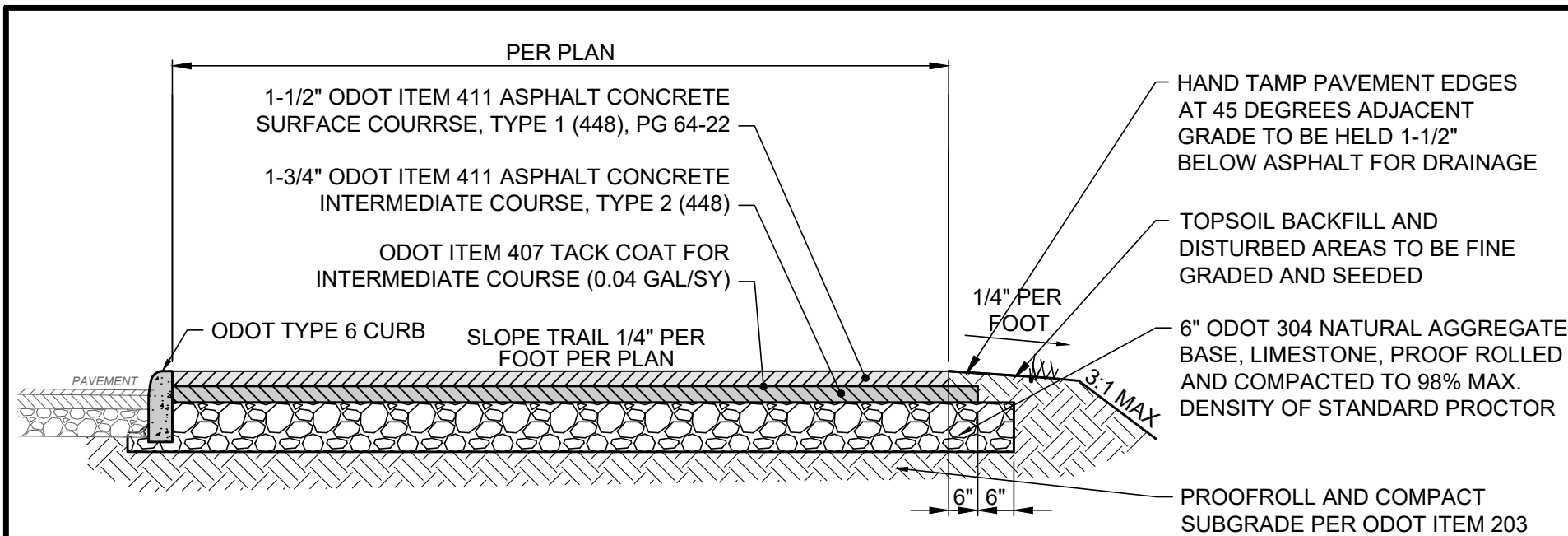
**CONTRACT B: STANDARD DUTY
ASPHALT PAVEMENT DETAIL**

SCALE: NONE



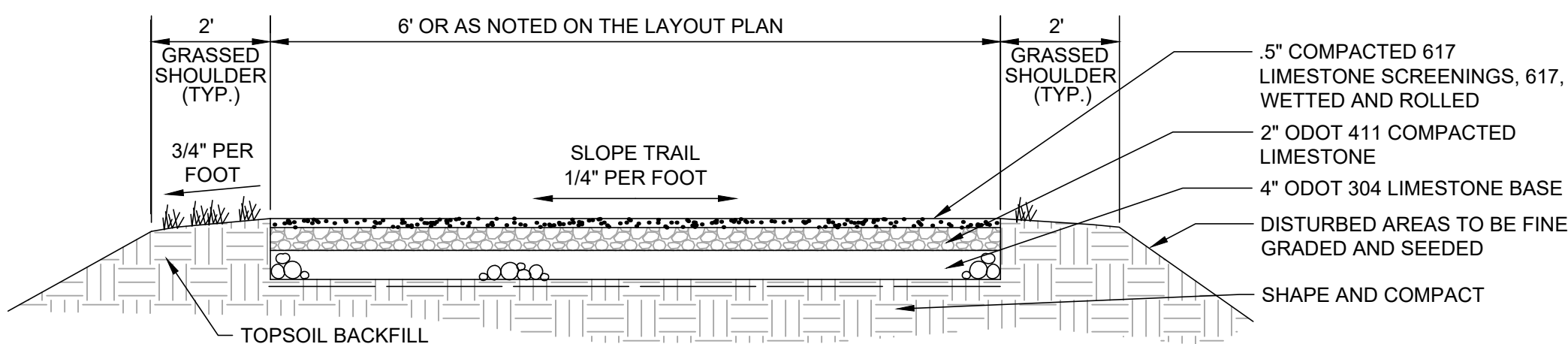
**CONTRACT A AGGREGATE
SHOULDER DETAIL**

SCALE: NONE



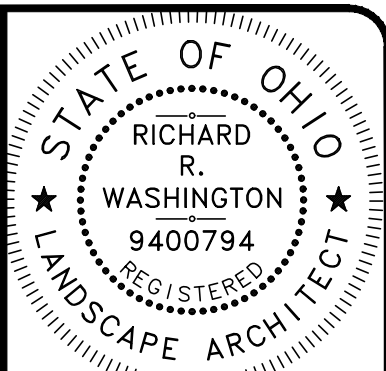
CONTRACT B ASPHALT PATH

NOT TO SCALE



CONTRACT A AGGREGATE TRAIL DETAIL

SCALE: NONE



Richard Washington, License #9400794
Expiration Date 12/31/2026

verdantas

DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			12/28/25	AS SHOWN			RW	RW	CK

**FARNHAM PARK KAYAK LAUNCH
SITE IMPROVEMENTS**
- CONNEAUT, OH, ASHTABULA COUNTY -

CONSTRUCTION DETAILS

PROJECT NO.	32592
DISCIPLINE	CIVIL
SHEET NAME	DT-1
SHEET	OF
4	5

NOVEMBER 1 TO FEBRUARY 29 USE MULCH ONLY OR DORMANT SEEDING

TEMPORARY SEEDING CHART

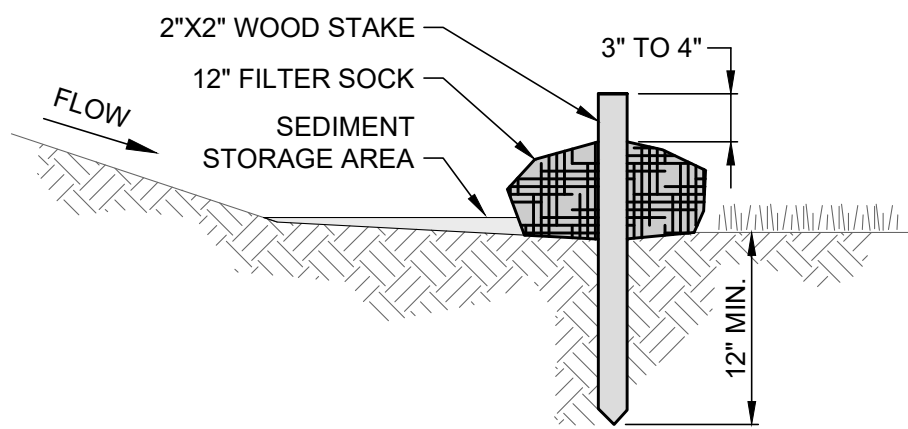
NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED

PERMANENT SEEDING CHART

SEEDING CHARTS

RESTORATION/SEDIMENTATION AND EROSION CONTROL:

6. THE TOTAL DISTURBED AREA IS LESS THAN ONE ACRE.



NOTES:

1. FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST.
2. COMPOST SHALL BE WEED, PATHOGEN AND INSECT FREE, FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH, BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER, AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
3. FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES PARALLEL TO THE BASE OF THE SLOPE. ON SLOPES APPROACHING 2:1, ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND MID-SLOPE.
4. FILTER SOCKS SHALL BE PLACED AT LEAST 5' FROM THE TOE OF SLOPE FOR SEDIMENT DEPOSIT.
5. BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE FILTER SOCK HEIGHT.
6. WHEN A FILTER SOCK IS NO LONGER REQUIRED, IT SHALL BE DISPERSED ON-SITE.
7. THE MAXIMUM DRAINAGE AREA PER 100 FEET OF FILTER SOCK IS 1/2 ACRE AND IS DEPENDENT ON THE SLOPE FOLLOWING THE GUIDANCE CHART BELOW:

MAX. SLOPE LENGTH ABOVE FILTER SOCK					
SLOPE	RATIO (H:V)	8"	12"	18"	24"
0% - 2%	0 - 50:1	125'	250'	300'	350'
2% - 10%	50:1 - 10:1	100'	125'	200'	250'
10% - 20%	10:1 - 5:1	75'	100'	150'	200'
20% - 50%	5:1 - 2:1	N/A	50'	75'	100'
≥ 50%	≥ 2:1	N/A	25'	50'	75'

FILTER SOCK DETAIL

SCALE: NONE

STATE OF OHIO
RICHARD
R.
WASHINGTON
9400794
REGISTERED
LANDSCAPE ARCHITECT

Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	12/28/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	RW			
CHECKED BY:	CK			

FARNHAM PARK KAYAK LAUNCH SITE IMPROVEMENTS

- CONNEAUT, OH, ASHTABULA COUNTY -

- CONNEAUT, OH, ASHTABULA COUNTY -

CONSTRUCTION DETAILS

PROJECT NO.	
32592	
DISCIPLINE	
CIVIL	
SHEET NAME	
DT-2	
SHEET	OF
5	5