

SCOTT LAWN YARD



3305 Haseley Drive
Niagara Falls, NY 14304
Main (716) 731-6415
Fax (716) 731-6485

Stanley Radon, P.G.
Regional Hazardous Waste Remediation Engineer
270 Michigan Avenue
Buffalo, NY 14203

Mr. Radon,

Per Appendix C / Section C-1 of the Site Management Plan, Scott Lawn Yard is providing the following information required prior to start of work within the DEC Easement at the Terminal B site located on the Buffalo Outer Harbor (901 Fuhrmann Blvd, DEC Site No. B-00149-9):

A detailed description of the work to be performed, including the location and areal extent, plans for site re-grading, intrusive elements or utilities to be installed below the soil cover, estimated volumes of contaminated soil to be excavated and any work that may impact an engineering control:

Scott Lawn Yard will perform the work in the BP-01 Site Work Contractor Scope of Work. See attached document for the detailed description of the work to be performed. Volume of the contaminated soil is estimated as 300 cy.

Soil will be re-used on site below the demarcation layer after it has been screened, given that it also has no evidence of contamination. The soil will not be reused in utility corridors. VOCs will be screened for during excavations.

Soil is proposed to be reused as cover soil. This material will be re-sampled, an import request for submitted and NYSDEC approved prior to reuse.

Dewatering is anticipated within the easement. We will pump out the water and discharge into a sediment bag prior to discharging into the stormwater system. A discharge permit will be obtained from the BSA prior to discharging into the stormwater system.

Once activities have been completed on site a report will be generated via as-built documents and supplemental information from a visual inspection conducted by Liro.

Please refer to the attached drawings for location of excavation. Within the easement, Per L101, we will be removing the existing asphalt path, existing vegetation & soils in order to facilitate the installation of the new overlook deck, associated boardwalk & foundation. S-122, S-131, S-331, L202, L501 & L502 detail the locations and depths we will be digging to for these features. A swale will run underneath the boardwalk. In addition, we will be installing new elements and connecting to an existing drainage system. Please refer to CU111 & CU511 for detail on location & depth.

In addition to the work detailed above, light poles and conduit will be installed on site and remain within the easement. They will be backfilled/buried following the same procedure detailed in this plan. The cover system will be repaired to original condition as well if necessary. Please refer to ES111 & E511 for excavation location & depth.

Lastly, a Health and Safety Plan has been generated for Bell Slip and attached.



SCOTT LAWN YARD



3305 Haseley Drive
Niagara Falls, NY 14304
Main (716) 731-6415
Fax (716) 731-6485

A summary of environmental conditions in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling:

A cover system is present on site. A demarcation layer has been placed 12" below clean soils. In areas where this cover system has been disturbed, it will be restored to its original condition. The demarcation layer will be replaced, 12" of clean soil will be placed on top. The ECHDC will provide LiRo's services in overseeing the construction work and certification of the cover system repairs.

A schedule for the work, detailing the start and completion of all intrusive work:

Please see attached Project Schedule. Tasks that will include intrusive work within the DEC easement have been highlighted.

A summary of the applicable components of this EWP:

All of the components are applicable.

A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120 (Hazardous waste operations and emergency response):

Scott Lawn Yard hereby attests that we will perform all work as specified in the contract documents and site work contract for the Bell Slip Project. Therefore, complying with EWP and 29 CFR 1910.120.

A copy of the contractor's health and safety plan, in electronic format, if it differs from the HASP provided in Appendix D of this document:

Please see the attached Scott Lawn Yard's health and safety plan.

Identification of disposal facilities for potential waste streams:

Ensol Inc. (Tonawanda)

Identification of sources of any anticipated backfill, along with all required chemical testing results:

All fill material has been identified and will be approved through the project submittal process along with all required chemical testing. Refer to "DEC Imported Fill" form attached. Please see attached product data for the soils identified.

Sincerely,
Dylan Falank
Jr. Project Manager
Scott Lawn Yard



Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

BP-01 SITE WORK CONTRACTOR

1. Scope of Work:

The Work of this Agreement shall include, but not be limited to, all labor, materials, tools, equipment, plant, supplies, shop drawings, layout, transportation, supervision, contributions, insurance compliance with all agencies (City, County, State and Federal as may be required), and shall cover all other items necessary for the performance of the **Site Work** as shown detailed and/or implied by the following documents and as defined herein. This requisition is intended to supplement the Contract Specifications and drawings and must be used in coordination with these documents to fully understand the Scope of Work. Requirements given in one area thus are applicable to all. This requisition does not repeat scope requirements given in the Contract Documents but clarifies and coordinates the work. Work in the Documents repeated here is for specific coordination purposes. The scope of your work is generally defined as all work included in specification sections: Division 0, 1, 3, 4, 31, 32 & 33 complete. In addition, include the following sections as they relate to your work 079200, 129300, and Div 22.

- a. 01 11 00 Special Provisions and all Exhibit Attachments

2. The Scope of the Site Work Contract includes, but is not limited to, providing the following:

GENERAL:

- a. The drawings are diagrammatic and may not be complete in every detail. They reflect the intent of the Architect/Engineer to provide a complete working system in compliance with all codes as shown by the documents. This contractor shall include any other equipment or devices necessary to provide a complete functioning system.
- b. The Work shall be provided in strict accordance with the Contract Documents and shall include, but not be limited to, providing all labor, supervision, materials, engineering, tools, equipment, hoisting, rigging, scaffolding, trade permits, applicable taxes, overhead expenses, warranties and guarantees to perform the complete scope as defined in this Scope of Work and as shown or described in the Contract Documents.
- c. Provide all water & sewer permits, licenses, fees, inspection costs, required by the City of Buffalo.
- d. BP-01 Site Work Contractor shall field verify existing infrastructure at locations where new lines are illustrated to be installed prior to bid and include all costs. BP-01 Site Work Contractor to include any additional offsets and fittings necessary to install indicated points of connection prior to bid; no additional cost will be provided for any discrepancies.
- e. Include providing ground penetrating radar to locate all existing site utilities prior to breaking ground onsite. Publish a complete report of the findings to the CM for review prior to breaking ground. Pre-installation meetings shall be held prior to any new excavation work.
- f. BP-01 Site Work contractor will provide survey layout using a NY licensed professional surveyor. Include the initial Site Setup, layout and control for New Expansion. This Contractor shall locate all buildings, structures and foundations. Establish offsets in secure locations for 4 exterior wall lines of the building, bridge and overlook deck. Establish 3 initial elevation benchmarks. Survey information will be provided for use by all contractors. Any offsets or benchmarks disturbed or damaged will be replaced by the contractor responsible at their cost. Include an allowance of \$2,500 to re-establish points lost by unknown party.
- g. BP-01 is required to flag off the limits of the existing NYSDEC environmental easement on site.

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

- h. This contract will be required to have a spill control and containment kit onsite at all times. At a minimum, the spill kit should contain an absorbent such as kitty litter or sawdust, acid neutralizing agent, brooms, dust pans, mops, gloves, goggles, plastic and metal trash container for fuel spills.
- i. Provide any temporary weather protection required for work exposed to the environment.
- j. Provide dewatering for excavations performed under this contract.
- k. Coordinate with Owner's inspection agent as required per the specifications for work being performed by this contract. BP-01 shall provide all requests in writing to the CM 48 hours in advance of the required inspections.
- l. Daily cleanup of own work to dumpsters provided by this contract.
- m. Provide necessary means for dust mitigation during the performance of your work. (ie. – independent water truck in the event BP-01 has any delays establishing the temp water service to the site)
- n. BP-01 shall establish their own means and methods to provide and maintain protection of existing and new work, adjacent to the construction area. Include protecting existing to remain asphalt, curbing, landscaping, and buildings. Damages by this contractor will be the responsibility of this contractor to repair.
- o. Temporary power and lighting will be provided in accordance with the Special Provisions. All other required temporary power or lighting required to complete this scope of work will be the responsibility of this contract. Specific power requirements for equipment/tools are the responsibility of this contract. Provide all extension cords, light stands or generators, as necessary. Any connection costs required by the BP-04 Electrical Contractor shall be paid directly by this Contract.
- p. Include all allowances as specified in Specifications Section 01 21 00 "Allowances" section of the Project Manual.
- q. Include a street sweeper and operator as required to clean dust, dirt, mud off the adjacent surfaces located outside the site fence on Fuhrmann Blvd. Areas should be cleaned weekly at the end of each Thursday at a minimum. In the event the debris are not being maintained to a satisfactory level by the Owner or City, BP-01 shall perform additional street cleaning at the direction of the CM.
- r. Include an allowance of \$7,500 to provide weekly snow plowing and salting during the winter of 2022-2023 for any accumulation greater than 2" in any one snow event.
- s. Refer to the phasing plans, logistics plan, and special provisions for additional items owned by this contract not mentioned herein.
- t. BP-01 shall expedite the waterline connection to the existing location. Within 30ft of the building provide (1) 5ply heavy duty hose to provide water Include coordinating with the city and providing the temporary water service off the new line located along Fuhrmann Blvd. (reference PS111), include temp backflow, meter and another items required by the City. The tap fee will be by the BP-01 Site Work Contractor. Water Usage bill will be by BP-01 Site Work Contractor. Include a \$5,000 allowance within your contract to pay for all usage costs. All other permits and installation fees shall be included in your base Bid. Any unused portion of the allowance will be funded back to the Owner. If water service is not in place as needed for underground utility testing, this contract will provide provisions for site water as required.
- u. The following submittals shall be submitted within **20 Calendar days** of the Notice of Award:
 - 1. Site Utility piping, structures and accessories.
 - 2. Earthwork Aggregates/backfill/bedding materials
 - 3. Invasive Species Control and Management
 - 4. Soil Waste Management Plan

All other required contract submittals shall be submitted within **45 Calendar days** of Notice to Proceed. Any late submittals that impact or delay the arrival of equipment to the project site, BP-

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

01 will be financially responsible to provide all temporary measures, expediting or out of sequence work to achieve project completion as scheduled.

DEMOLITION, SITE CLEARING AND SOIL MANAGEMENT:

- a. Include all demolition and site clearing shown on the Drawings.
- b. BP-01 shall provide for all removals shown on drawings and visible in field including but not limited to: existing curbs, trees and stumps, boulders, vegetation, etc. required to perform the work. The Site contractor is strongly advised to complete a site walk and will be responsible for removing all visible removals, including those not shown on the drawings, without additional compensation.
- c. BP-01 shall relocate all rocks as identified on the drawings include 6 more than identified on drawings. Include trucking and transport within a 5mile radius. Staging of Rocks will be determined by Owner. Site Contractor shall provide a 3 stone mock up (similar to B4/L502) located on site as directed by Owner and CM, Mock up to be completed within first 60 days of contract award. This supersedes 044100.
- d. Include removal of 12 general directional signs not indicated on the drawings. Deliver signage to Terminal B project office at 901 Fuhrmann Blvd.
- e. BP-01 shall provide an in place 15'x15' mock up area of the fractured garden scope prior to completing the entire area. Mockup will be reviewed by Owner, Architect and CM. Mock up to be completed within first 60 days of contract award.
- f. The Site Contractor shall be responsible to provide the Community Air Monitoring Plan (CAMP) for the Bell Slip Site. This CAMP will require air quality testing through a third party testing agency. The site contractor is advised for any work within the NYSDEC easement, the air quality testing is required to be consistent with the Site Management Plan (SMT). For areas outside the NYSDEC easement, testing shall be performed as if they were in a brownfield program, even though this project is not.
- g. Provide saw cut and removal of existing curb indicated to be removed within the construction area for the new roads. Please note that the Fuhrmann pavement shall not be disturbed.
- h. Provide invasive species management along Bell slip. Contractor to utilize appropriate means of PPE and protection to ensure the waterways are not contaminated.
- i. Include an allowance of 400 cyds of visually contaminated soil to be disposed of offsite. Include all excavation, trucking, testing, and imported backfill. All work will be completed on a T&M basis and any unused portion of the allowance will be credited back to the client.
- j. Support structure and foundations during construction as required for this contracts work.
- k. This contract must ensure dust/noise/safety/security barricades, temporary partitions and temporary fencing are in place prior to starting any work.
- l. Provide, maintain and remove erosion and sediment control of the site per CR111, CR511 and the contract documents (specification 312513) and the project Storm water Pollution Prevention Plan (SWPPP) including but not limited to; silt fence, temporary sediment traps, water filter bags, inlet protection, construction entrances, erosion control blankets, and any required discharge permits. SWPPP requirements as identified through the New York State Department of Environmental Conservation (NYSDEC) blue book shall be the standard requirements. BP-01 will be required to submit a current NYSDEC blue book to CM for reference during SWPPP activities. Maintain working area in compliance with the SWPPP plan at all times. Provide Best Management Practices (BMPs) which shall be implemented as site conditions change. It is the responsibility of BP-01 to provide BMPs prior to any rain event and changed sight conditions which shall be inspected and maintained daily. All installations to be confirmed and coordinated with CM, and may need to be relocated to adjust for project progress. This contract will be required to sign the Contractor Certification form included in the SWPPP. The employee listed on the form will be required to complete the NYSDEC Endorsed 4-hour erosion and sediment control training and be

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

onsite during all ground disturbing activities and maintenance of SWPPP plan. This contract must comply with all rules, laws, regulations, etc. as it pertains to SWPPP.

- m. Provide, maintain and remove when directed a SWPPP mailbox located on site.
- n. BP-01 shall be responsible to comply and provide the erosion and sediment control notes 1-16, general construction notes 1-12 and all utility notes on sheet G101.
- o. Include protecting all storm inlets per the details on the civil drawings during construction.
- p. **DO NOT PROCEED** with any soil amendments or planting of new vegetation until the Owner, AE and CM have accepted the chemical treatments methods for invasive species completed on site. BP-01 shall ask for approval by AE in writing.
- q. **DO NOT PROCEED** with any installation of any soil mixes until the material test report submittals have been approved and returned by the AE. BP-01 shall include cost to ship all samples for testing to lab indicated in specification 329113-1.6-D.1.

CONCRETE AND FOUNDATION WORK:

- a. Provide all excavation, backfill, compaction, and grading for the foundations shown on the structural drawings (building, bridge and overlook deck). All excavation materials not for reuse are to be staged on site in accordance with specification 017419.
- b. Assume multiple mobilizations for backfill to allow coordination with the foundation insulation, and other work. Refer to the structural drawings for backfill requirements.
- c. Include excavation and backfill for the interior foundation work to bottom of subgrade.
- d. Provide, maintain, and removing a concrete wash out pit for all concrete work performed by all trades.
- e. Proof roll all areas where MEP trades placed underground work. Include incidental grading/backfill and compaction (+/- 2") as needed to restore subgrade. Fine grading for Slab on grade is by BP-02 General Trade Contractor installing the slab on grade.
- f. MEP Underground excavation/backfill work within the building footprint to +/- 5' outside the building footprint will be by the MEP contractors.
- g. All de-watering required while any excavation/depression remains open.
- h. Provide all joints, construction, isolation, expansion etc. related to the site flatwork. Include all joint filler and sealer.

SITE WORK:

- a. Include all site work shown on the civil, landscape and plumbing drawings.
- b. This contract is responsible for verifying all new and existing inverts and tie-in points prior to ordering any structures or placing pipe. Verify depths of existing known utilities crossing new utilities prior to starting any work. Provide early mobilization and excavation as required to verify.
- c. BP-01 Sitework shall provide all requirements for the Sitework (site clearing, dewatering, excavation, fill, proof-rolling, compaction, fine grading, and retention/detention systems, swales, ditches) and Landscaping/Site Finishing Work (landscaping, site paving, plantings, curbs and sidewalks etc.) as specifically defined in the drawings and specifications and as indicated in this scope of work.
- d. Provide excavation/fill, sub base (including geotech fabric) and backfill for the project including but not limited to; all roadways, site finishes, paving and curbs, utility trenches and other improvements. Include coordination of the foundation excavation and backfill with General Trades. BP-02 will provide all piers, footings, grade beams, foundations walls, including forming, shoring, reinforcing

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

steel, vapor barriers, concrete accessories, water stops, curing and finishing, as indicated on the contract documents and specifically called for.

- e. Upon completion of underground utilities and backfill, sub-base is to be installed by this contract to within $\pm 1/2$ " of top of designed sub-base. Fine grading of top $1/2$ " will be by the BP-01 GT Contract. Upon completion of sub-base by this contract, this contract shall provide a 10'x10' grid survey of the SOG subbase and submit to CM for review and approval. Review details for thickened slab at construction joints.
- f. BP-01 Provide all new storm piping and drainage as indicated on the documents (ie. CU111, CU511) including but not limited to all excavation, backfill, piping, detention system, structures, catch basins, man holes, underdrain, clean-outs, area drains, end sections, outlets, rip-rap channels, rip-rap, rock lining, geotextile filter fabric, swales etc. required for complete installation of the storm system. Upon completion of the storm sewer system, flush all piping and complete a full camera inspection of all pipe installed by this contract. The camera inspection shall be recorded and turned over to CM.
- g. Provide new sanitary systems as indicated on the documents including but not limited to; all excavation, backfill, piping, structures, man holes, clean-outs, etc. required for complete installation of the sanitary system. All pipes are to be stubbed within 5'-0" of the building or structure footprint and marked. Final connection at building is by PB-03.
- h. Provide all cutting, capping, removal and tying into existing sanitary lines as indicated or necessary to install new lines and system. Include all coordination and fees with public utilities. Upon completion of the sanitary sewer system, flush all piping and complete a full camera inspection of all pipe installed by this contract. The camera inspection shall be recorded and turned over to CM.
- i. Provide the new domestic water main complete, including but not limited to all excavation, backfill, piping, valves, connections, thrust blocks, hydrants, mechanical joints, etc. required for complete installation of the water system. Include all coordination and fees with public utilities.
- j. Provide, maintain and remove once directed by the CM all project site fence and signage. Provide (2) temporary 40' lockable gates on driven post as indicated on TSK-001 Site Logistics Plan to secure access drives into the Project Site for the duration of the project. Gates must be installed within first week of mobilization. Coordinate locations with existing underground site utilities prior to installation. Include establishing the construction laydown areas. Include restoration at the completion of the project. Refer to the site logistics plan. Refer to the special provisions for additional information. Include a \$3,000 Allowance for site fence damage by others. Use of this allowance will be tracked on T and M tickets signed by the CM.
- k. Provide, maintain and remove all temporary signage shown on TSK-001.1 Bell Slip Site Logistics Exterior Signage Plan.
- l. BP-01 Site work contractor is to include all underground plumbing shown at all locations except within the Building footprints. The Sitework contractor shall install all underground storm and sanitary utilities within 5' of the building footprint for connections by BP-03. Termination points to be surveyed and identified on a drawing turned over CM for coordination with BP-03 to continue the installation.
- m. Coordinate all underground Sitework with all work shown on the "E-Series" drawings. This work will be provided by the Electrical contractor including excavation and backfill.
- n. BP-01 shall review the Geotechnical Report and include the necessary and proper means and methods for excavation of all soils as part of this Contract based on the findings of this report. Include all equipment, shoring, materials, etc. as needed to perform the scope of this work per the findings of this report. Backfill quantities, means and methods shall take into account irregular surfaces created by the removal during excavation.
- o. Include all temporary signage per the special provisions.

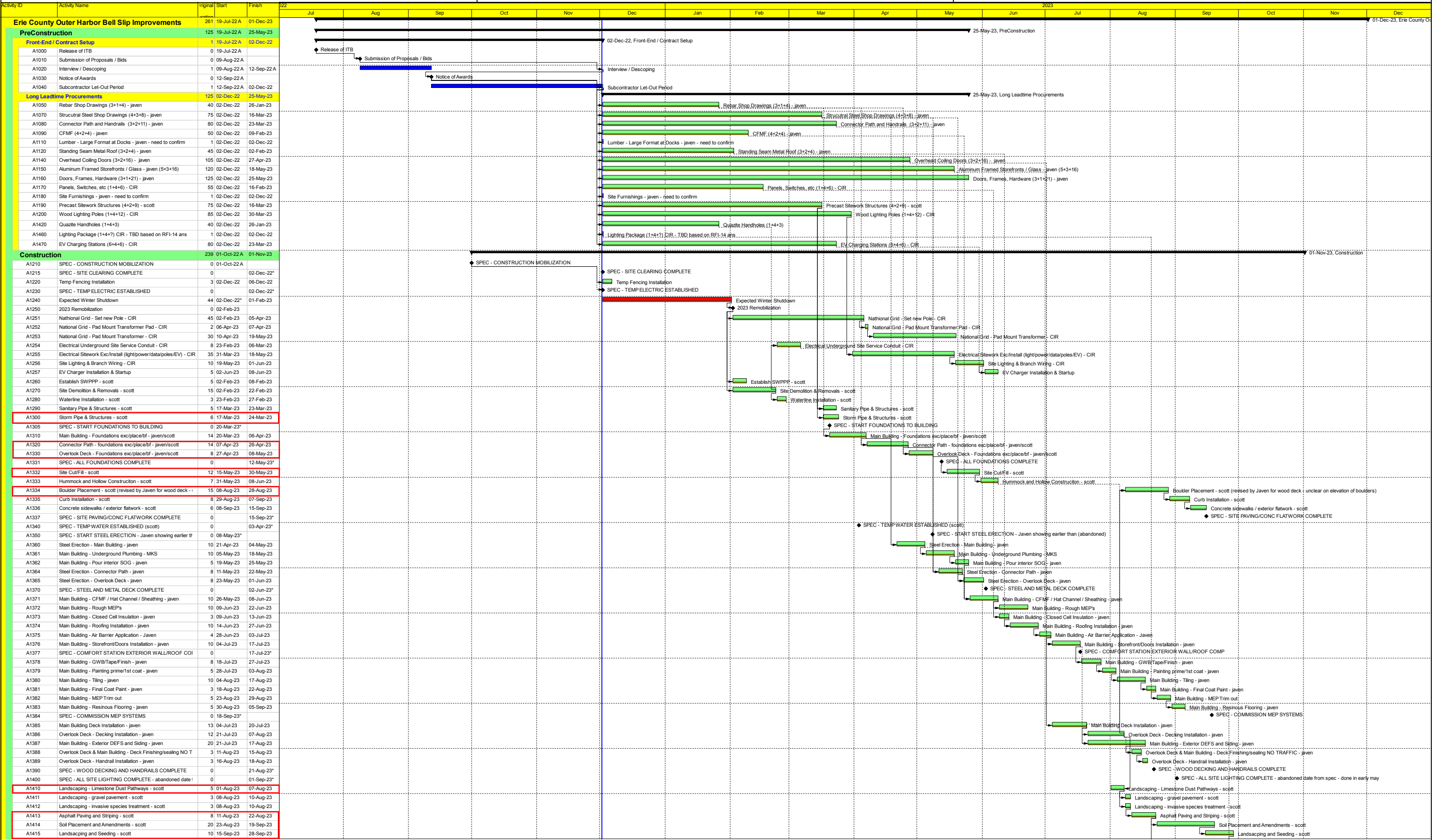
Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip: BP-01 Scope of Work

- p. BP-01 Site work contractor shall provide all paving systems (asphalt, concrete, gravel etc) complete including but not limited to excavation, fine grade, fabric, curbing, binder, top and subbase. Reference L501 for details. Inclusive of striping.
- q. Include all site improvement work and patching concrete or asphalt.
- r. Provide all new fences, gates, bollards, bike racks, post clusters
- s. Provide all landscaping, turf, grasses, soil preparation, plants (L401), quarry blocks, stone and seeding. BP-01 shall provide all scope of work identified on L400, L402, L502 & L504.
- t. BP-01 to include labor to visit quarry and identify rocks prior to shipment that will be suitable (rectangular in overall shape, without cracks, chips, stains or defects that are visible)
- u. All plants shall comply with ANSI Z60.1 American standard for nursery stock.
- v. BP-01 shall be responsible to provide sufficient watering (own source if necessary) for plants to establish and take root in accordance with the demands of the weather after planting.
- w. BP-01 is advised to pay particular attention to the planting notes and the defined durations listed on sheet L402, planting notes 1-7.
- x. BP-01 shall execute percolation test pits as specified at one for every 1,000sft of installed topsoil.
- y. Include modifying rim elevations (storm, sanitary, or electrical) as necessary to accommodate grading in blacktop, concrete, or lawn areas. It is the contractor's responsibility to maintain surface drainage.
- z. Provide final cleaning out of all trench drains, catch basins, drain inlets, sediment basins, and any existing piping contamination through the work of this contract and associated debris around the site.

3. The Scope of The Site Work Contract Specifically Excludes the following:

- a. General Building Permit. (By Owner)
- b. Builders Risk Insurance. (By Owner)
- c. Materials testing. (By Owner)
- d. MEP excavations/backfill within the building footprint (By MEP Contractors)
- e. Excavation and backfill for Site Electric (BY BP-04)
- f. Site Drinking Fountain (By BP-03)
- g. Timber Benches (by GT BP-02)
- h. Overlook Deck and railing (BY GT BP-02)
- i. Temporary Toilets (By GT BP-02)

**END OF BP- 01
SITE WORK CONTRACT**



Primary Baseline

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Milestone

Summary

Page 1 of 2

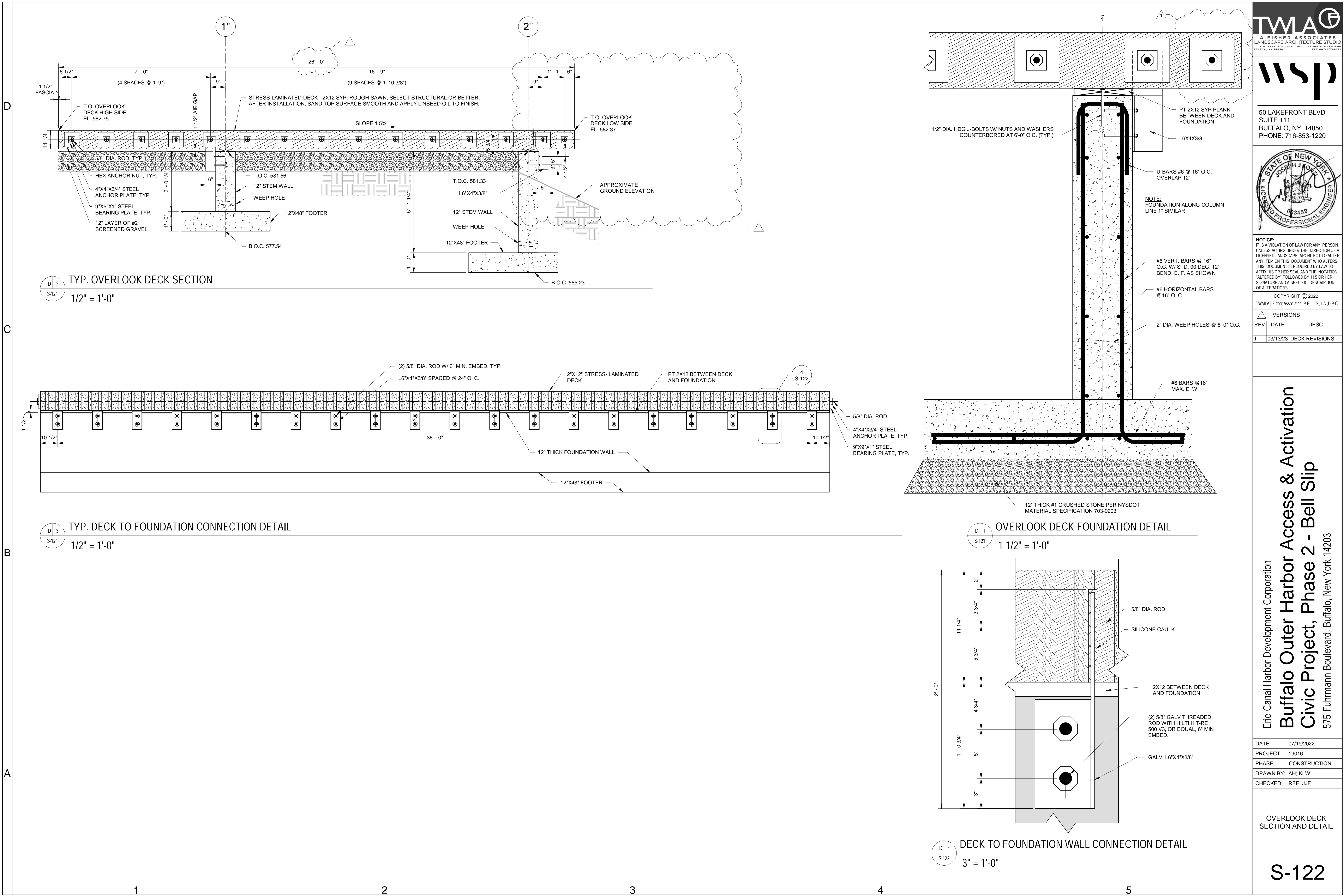
TASK filter: All Activities

(c) Primavera Systems, Inc.

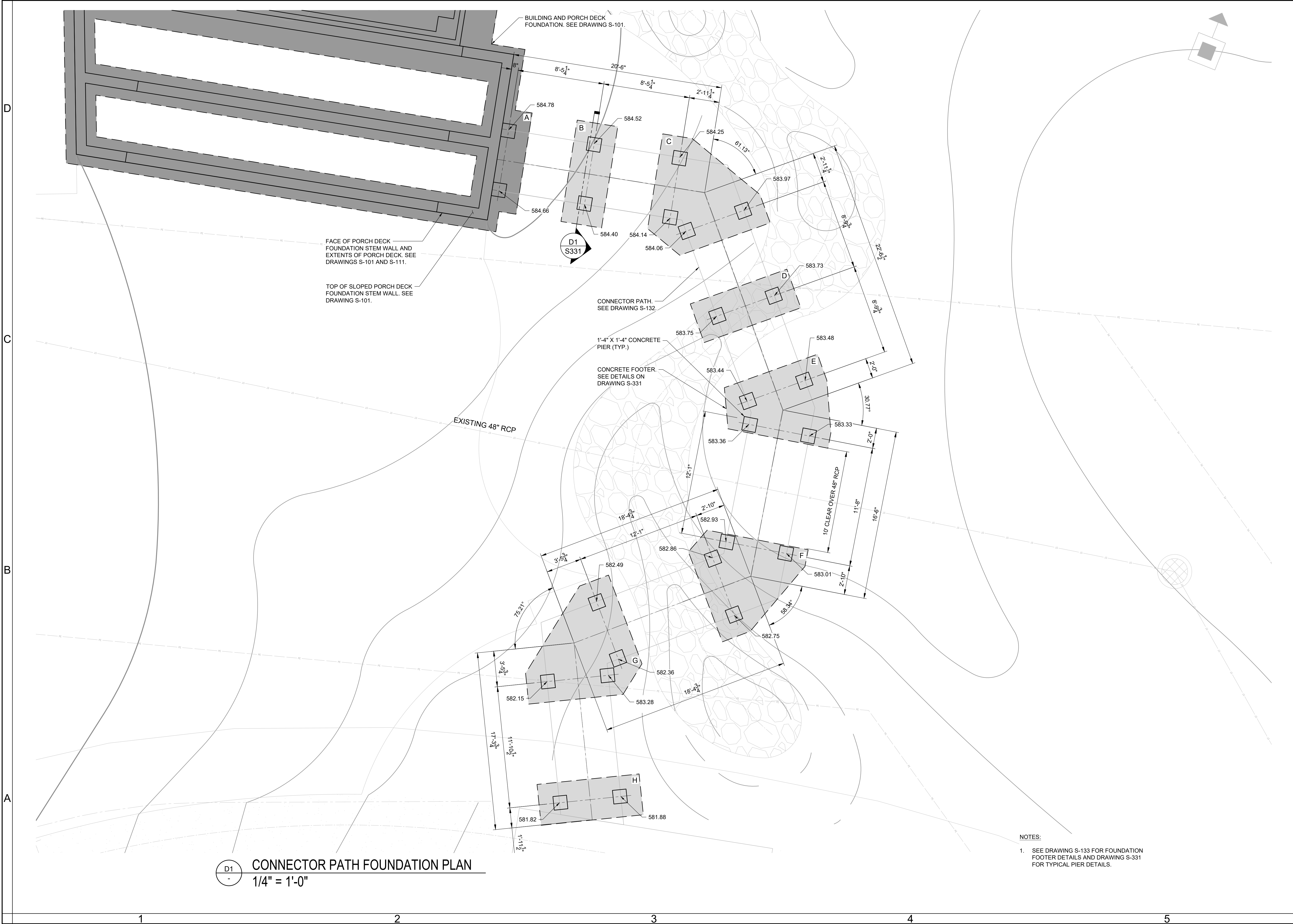
Tasks outlined in red are expected to take place within the DEC easement.
Please see associated dates for ground intrusive work within the easement.

Activity ID	Activity Name	Original Estimate	Start	Finish	2023																
					Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
A1416	Fence Bollard and Gate Installation - Scott	7	23-Aug-23	31-Aug-23																	
A1422	Site Furnshings installation - scott	3	01-Sep-23	05-Sep-23																	
A1430	SPEC - LANDSCAPE PLANTINGS COMPLETE	0		28-Sep-23*																	
A1440	SPEC - SUBSTANTIAL COMPLETION	0		02-Oct-23*																	
A1445	Prime Contractor Punch-Out	20	29-Sep-23	26-Oct-23																	
A1450	SPEC - PUNCHLIST COMPLETION	0		01-Nov-23*																	
Post-Construction / Closeout		45	02-Oct-23	01-Dec-23																	
A1580	Closeout document procurement	43	02-Oct-23	30-Nov-23																	
A1590	SPEC - CLOSEOUT SUBMISSION COMPLETE	0		01-Dec-23*																	





File: J:\187806 - Buffalo Outer Harbor Improvements\04-BOH Access and Activation Phase 2\CAD\Bell Slip_S-331 Connector Path Sections.dwg Plot Date: 7/20/2022



TWMA®

A FISHER ASSOCIATES

LANDSCAPE ARCHITECTURE STUDIO

7501 W. BURGESS ST., STE. 201

TRUCKEE, CA 96203

wsfp

50 LAKEFRONT BLVD

SUITE 111

BUFFALO, NY 14850

PHONE: 716-853-1220

NOTICE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LANDSCAPE ARCHITECT TO ALTER ANY ITEM ON THIS DOCUMENT WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND A SPECIFIC DESCRIPTION OF ALTERATIONS.

COPYRIGHT © 2022

TWMLA | Fisher Associates, P.E., L.S., L.A., D.P.C.

Erie Canal Harbor Development Corporation

Buffalo Outer Harbor Access & Activation

Civic Project, Phase 2 - Bell Slip

575 Fuhrmann Boulevard, Buffalo, New York 14203

DATE:	7/19/2022
PROJECT:	19016
PHASE:	CONSTRUCTION
DRAWN BY:	KLW
CHECKED:	WBF

BELL SLIP

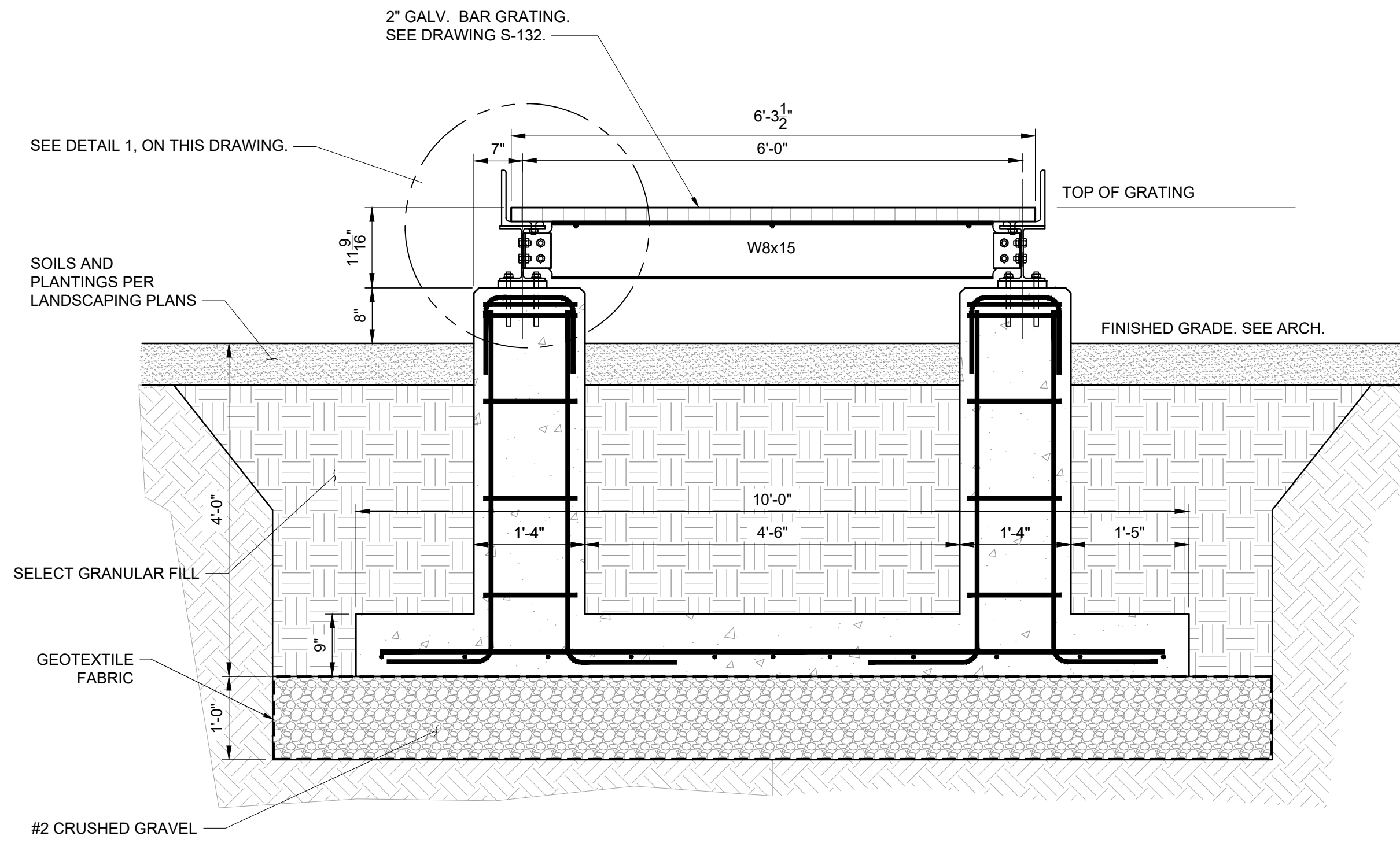
CONNECTOR PATH

FOUNDATION PLAN

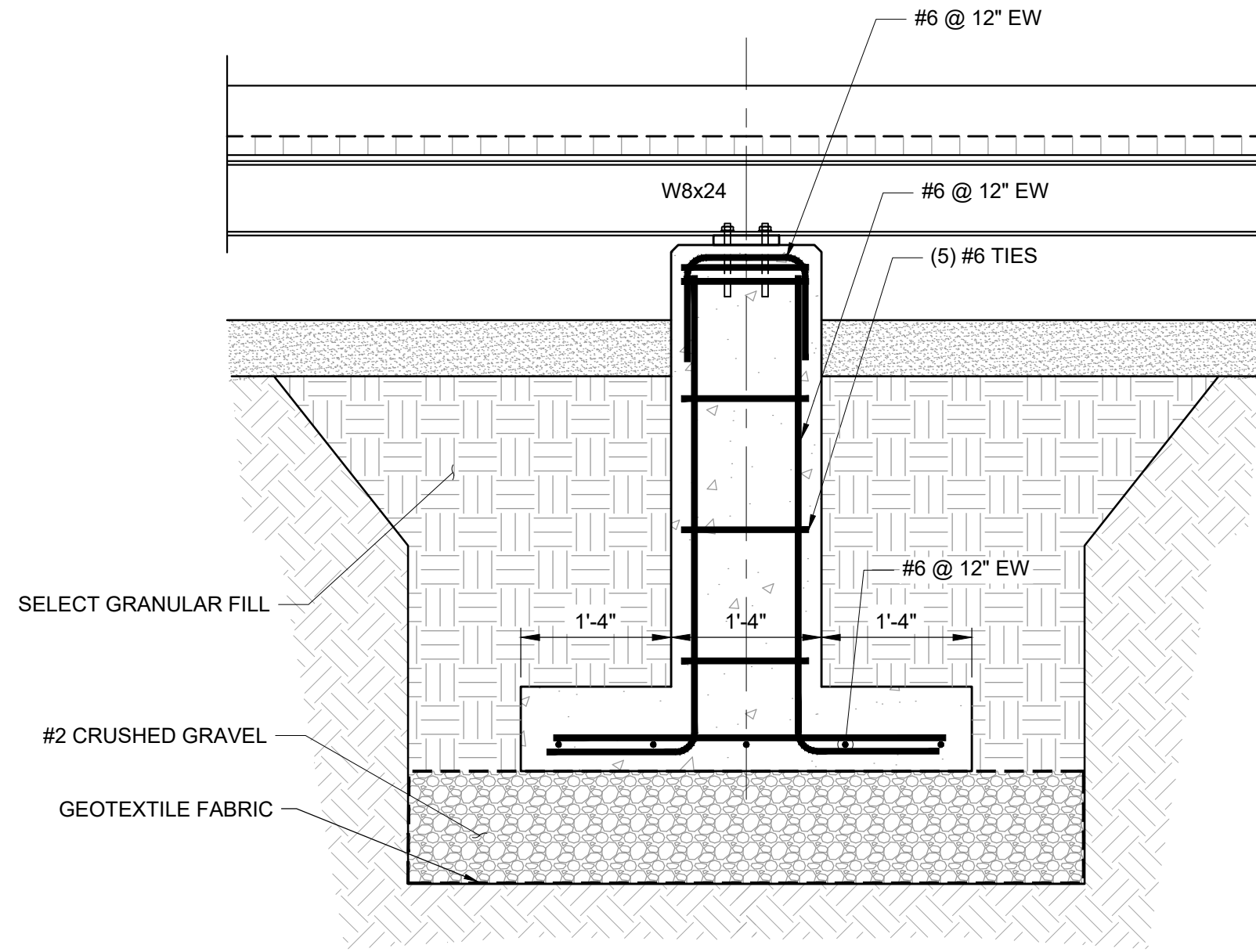
S-131

File: J:\187806 - Buffalo Outer Harbor Improvements\04-BOI Harbor Access and Activation Phase 2\CAD\Bell Slip S-331 Connector Path Sections.dwg Plot Date: 7/20/2022

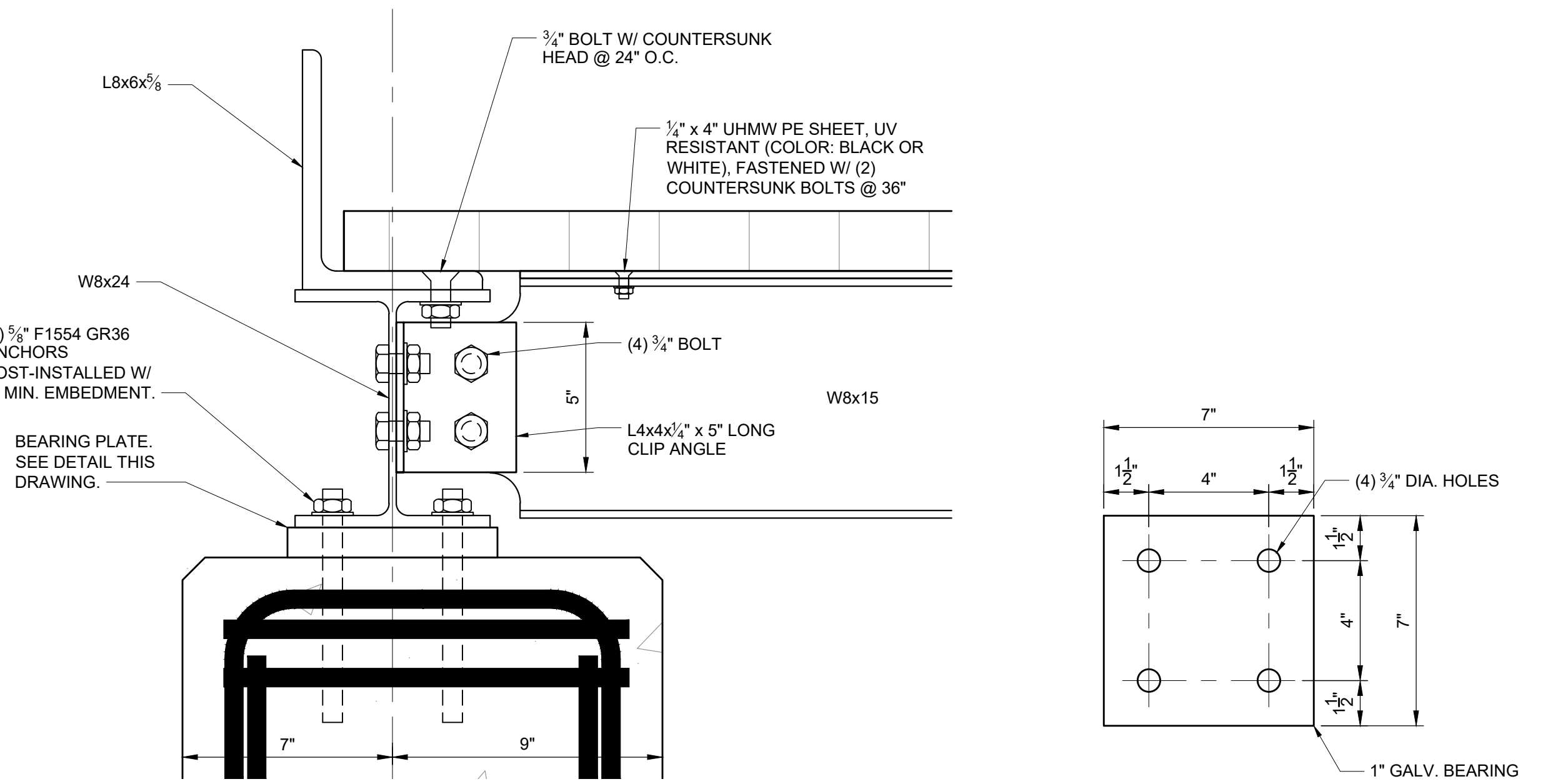
D
C
B
A



D1
S-131
TYP. CONNECTOR PATH SECTION
3/4" = 1'-0"



D2
S-131
TYP. CONNECTOR PATH PIER AND FOOTER SECTION
3/4" = 1'-0"



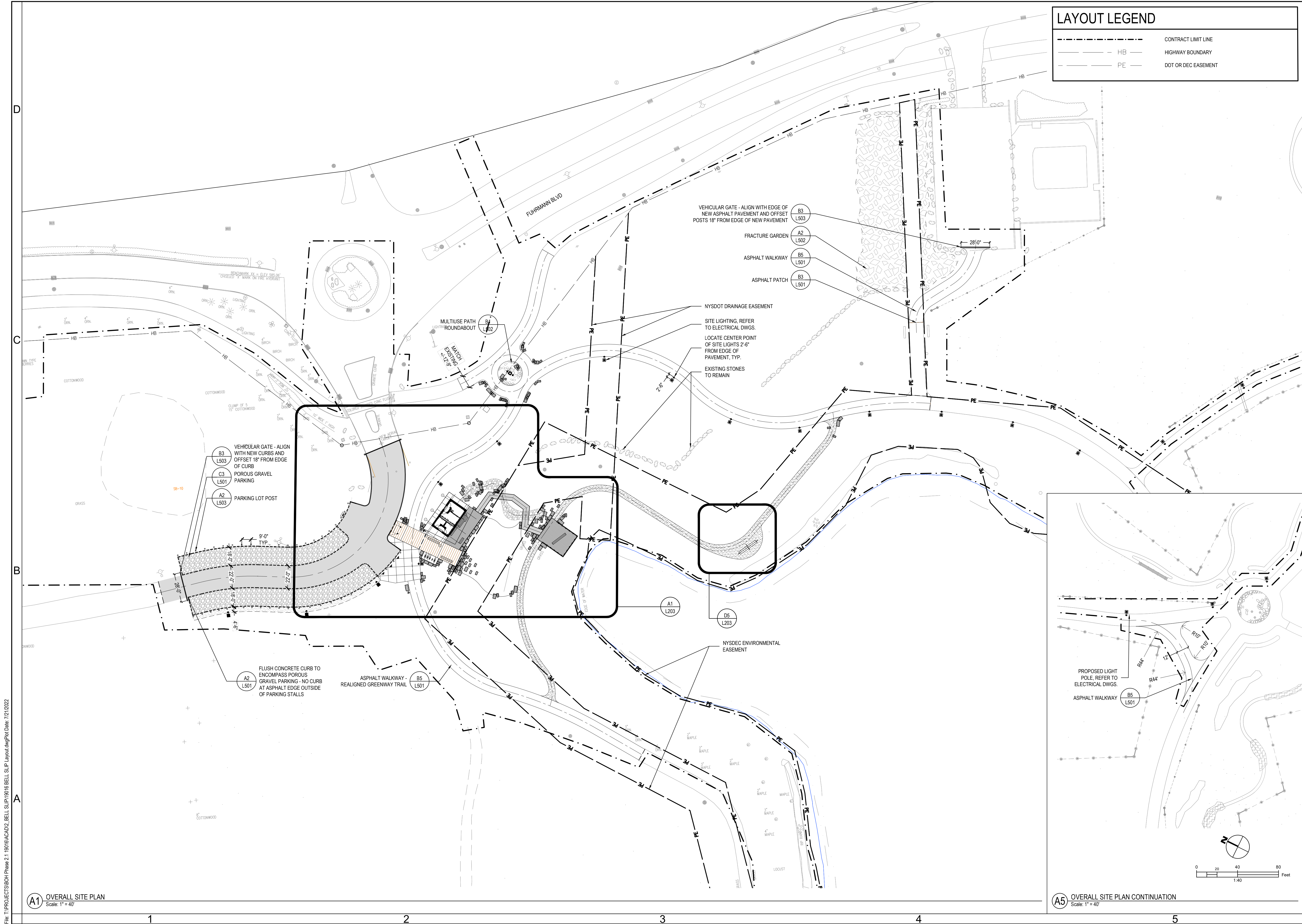
D3
TYP. CONNECTOR PATH PIER SECTION
3" = 1'-0"

D4
TYP. BEARING PLATE DETAIL
3" = 1'-0"

NOTES:

- SEE DRAWING S-131 FOR FOUNDATION DETAILS AND DRAWING S-331 FOR TYPICAL FRAMING DETAILS.
- ALL CONNECTOR PATH STEEL AND FASTENERS SHALL BE HOT DIPPED GALVANIZED.

File: T:\PROJECTS\BOH Phase 2\19016\ACAD\2. BELL SLIP\19016 BELL SLIP Layout.dwg Plot Date: 7/21/2022



LAYOUT LEGEND

- CONTRACT LIMIT LINE
- HB --- HIGHWAY BOUNDARY
- PE --- DOT OR DEC EASEMENT



NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED LANDSCAPE ARCHITECT TO ALTER ANY ITEM ON THIS DOCUMENT WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND A SPECIFIC DESCRIPTION OF ALTERATIONS.

COPYRIGHT © 2022
TWMA | Fisher Associates, P.E., L.S., D.P.C.

Erie Canal Harbor Development Corporation Buffalo Outer Harbor Access & Activation Civic Project, Phase 2 - Bell Slip 575 Fuhrmann Boulevard, Buffalo, New York 14203

DATE:	7/19/2022
PROJECT:	19016
PHASE:	CONSTRUCTION
DRAWN BY:	MDC; ZDR; TBB
CHECKED:	MDC

OVERALL SITE PLAN

L202

File: T:\PROJECTS\B004 Phase 2\19016\ACAD\2. BELL SLIP\19016 BELL SLIP Details.dwg Plot Date: 7/21/2022

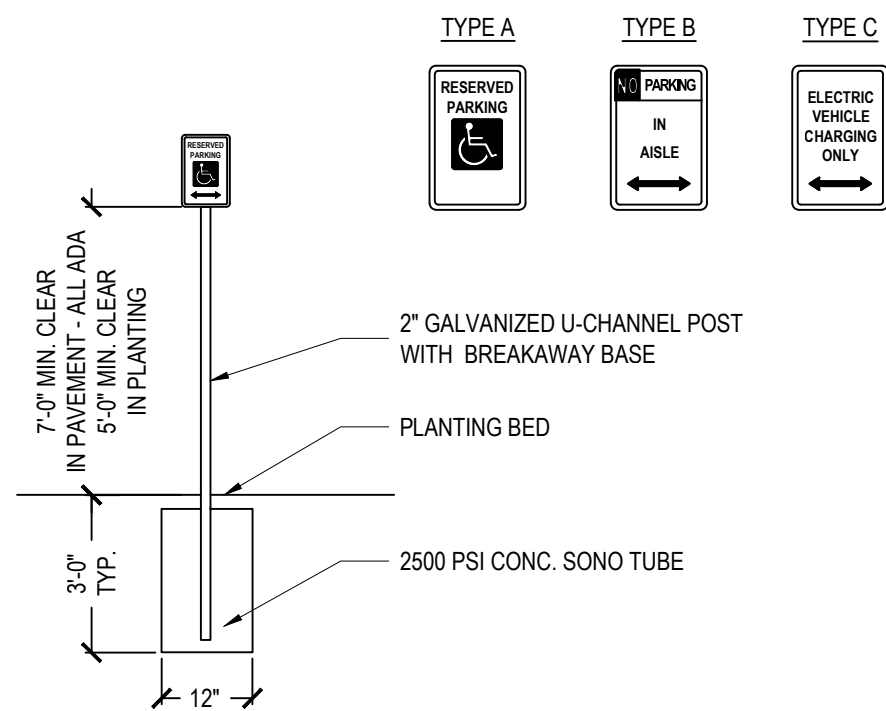
D

C

B

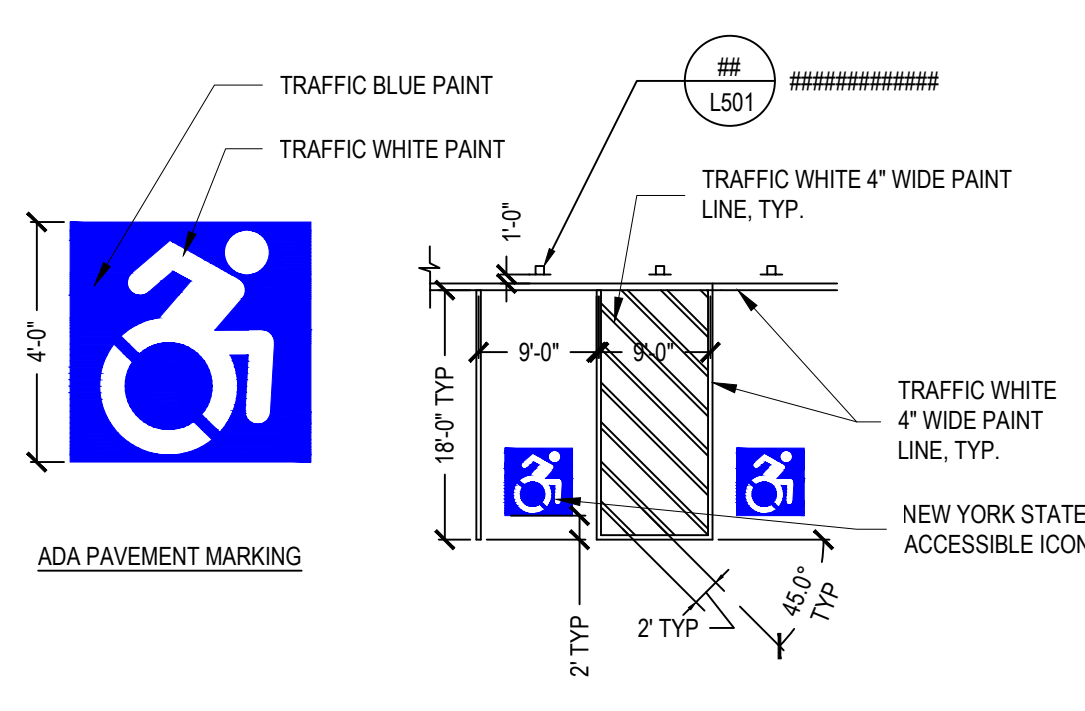
A

- NOTES:
1. CONTRACTOR SHALL PROVIDE HANDICAP PARKING SIGNS, AS PER CODE REQUIREMENTS.
 2. POSTS AND MOUNTING HARDWARE SHALL BE GALVANIZED TAMPER RESISTANT BOLTS, LENGTH AS NECESSARY.



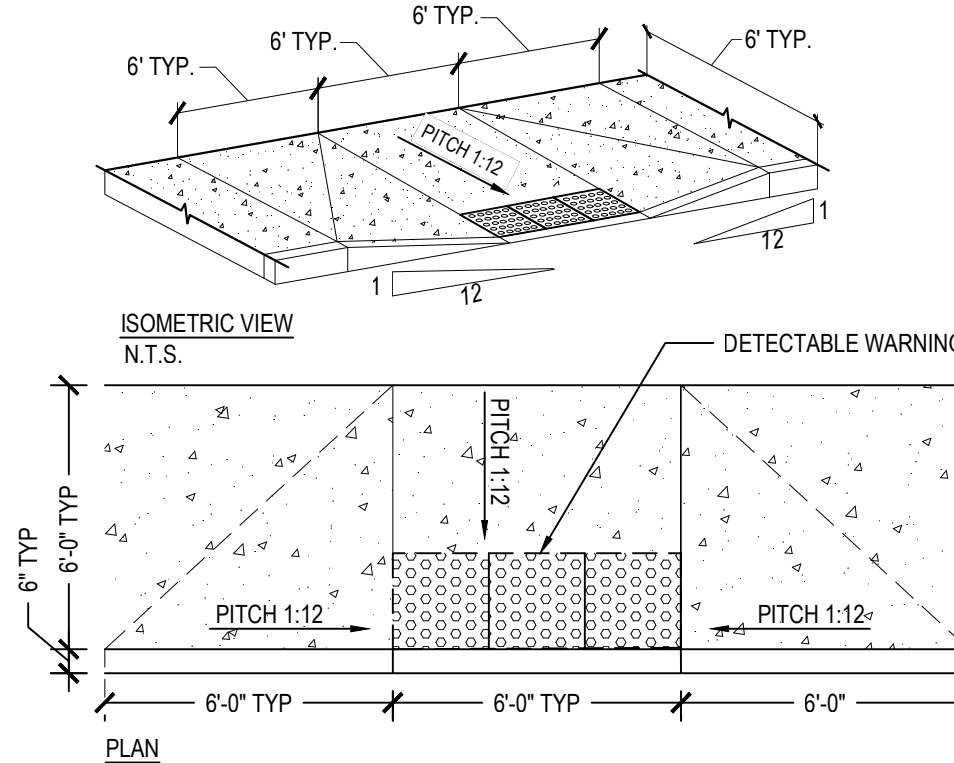
D3 ADA PARKING SIGNS
1/4" = 1'-0"

- NOTE:
1. REFER TO LAYOUT PLAN FOR TRAFFIC SIGN LOCATIONS.

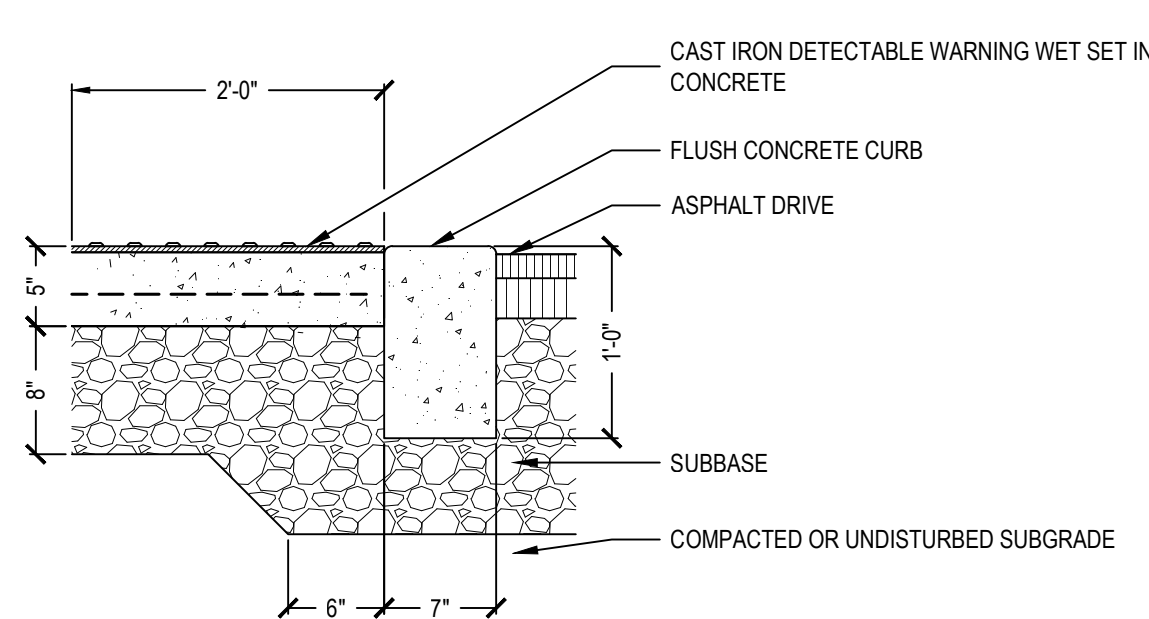


D4 ADA PAVEMENT MARKINGS
1/4" = 1'-0"

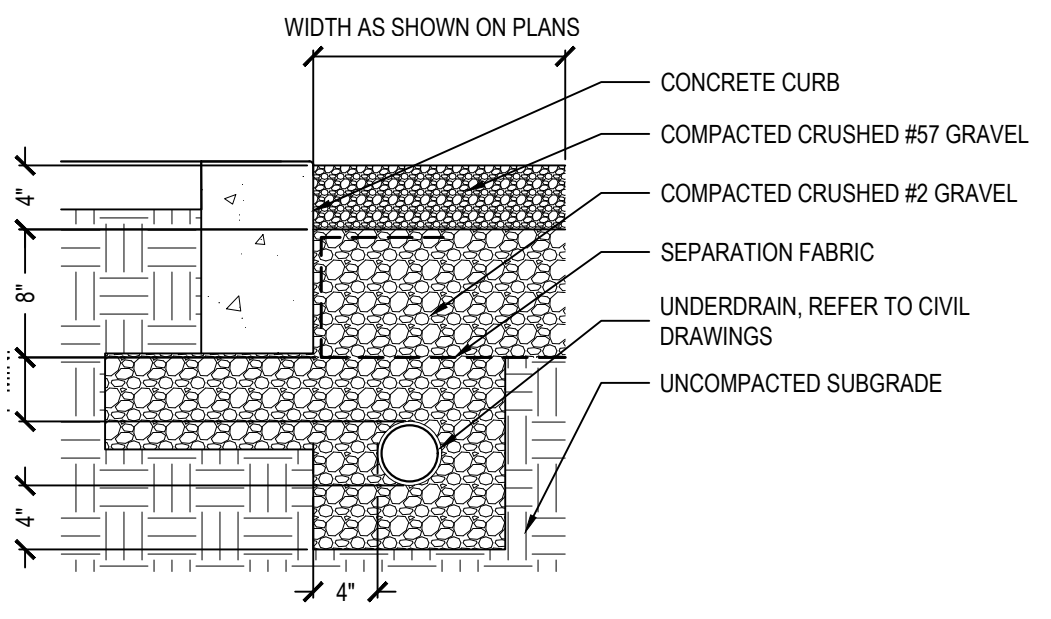
- NOTES:
1. SEE LAYOUT PLAN FOR LOCATION AND DIMENSION OF CURB RAMPS
 2. GRADE CHANGES TO BE SMOOTH AND EVENLY PITCHED.



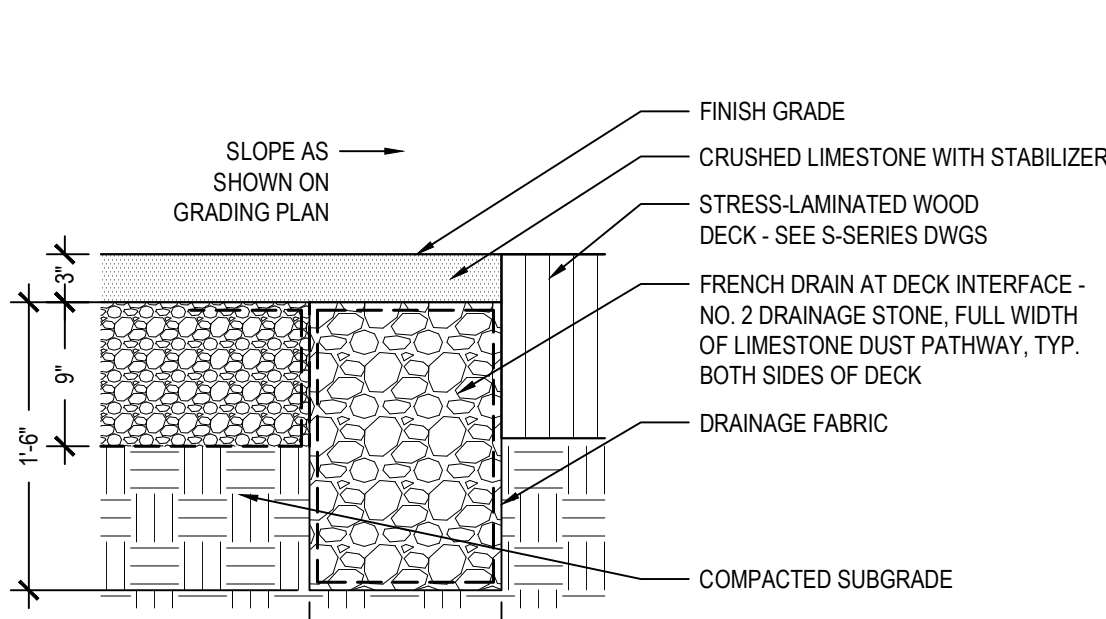
D5 ADA CURB RAMP
1/4" = 1'-0"



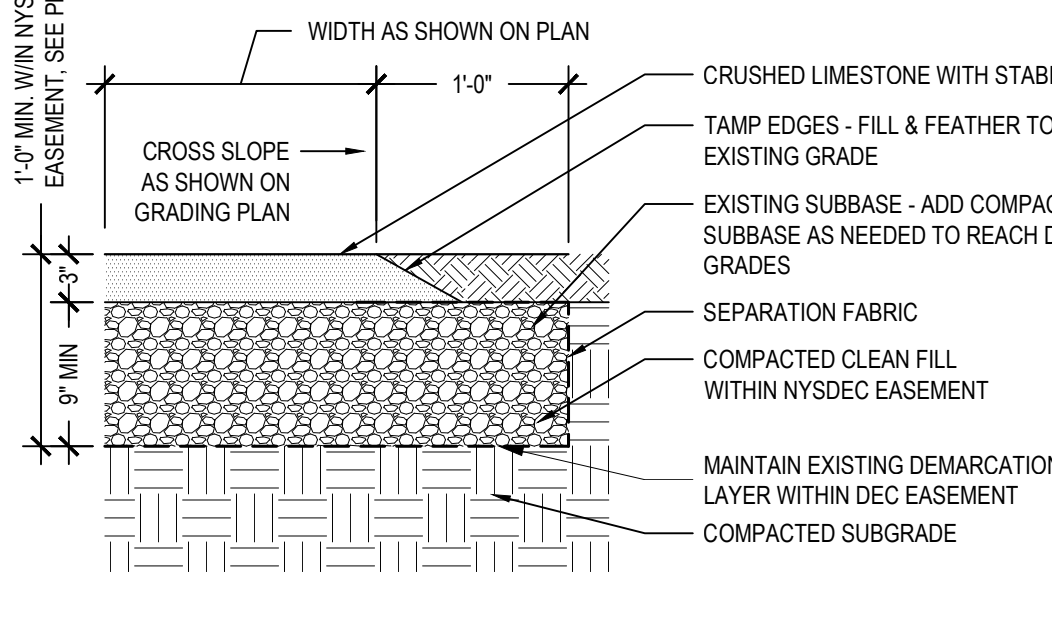
C2 DETECTABLE WARNING
1" = 1'-0"



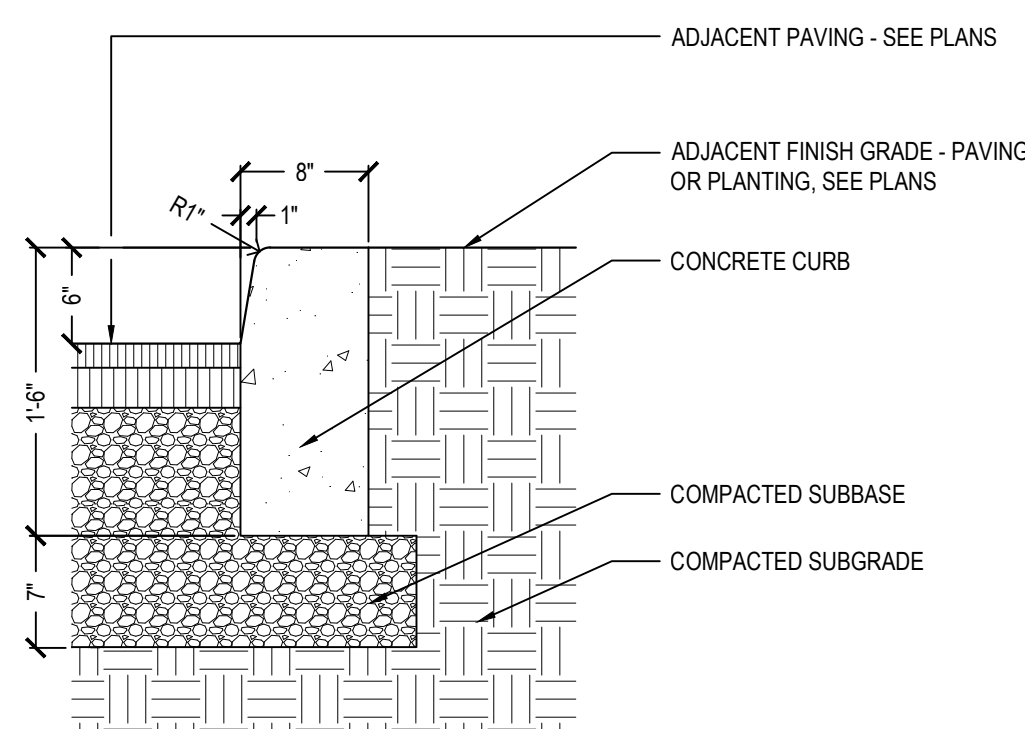
C3 POROUS GRAVEL PARKING
1" = 1'-0"



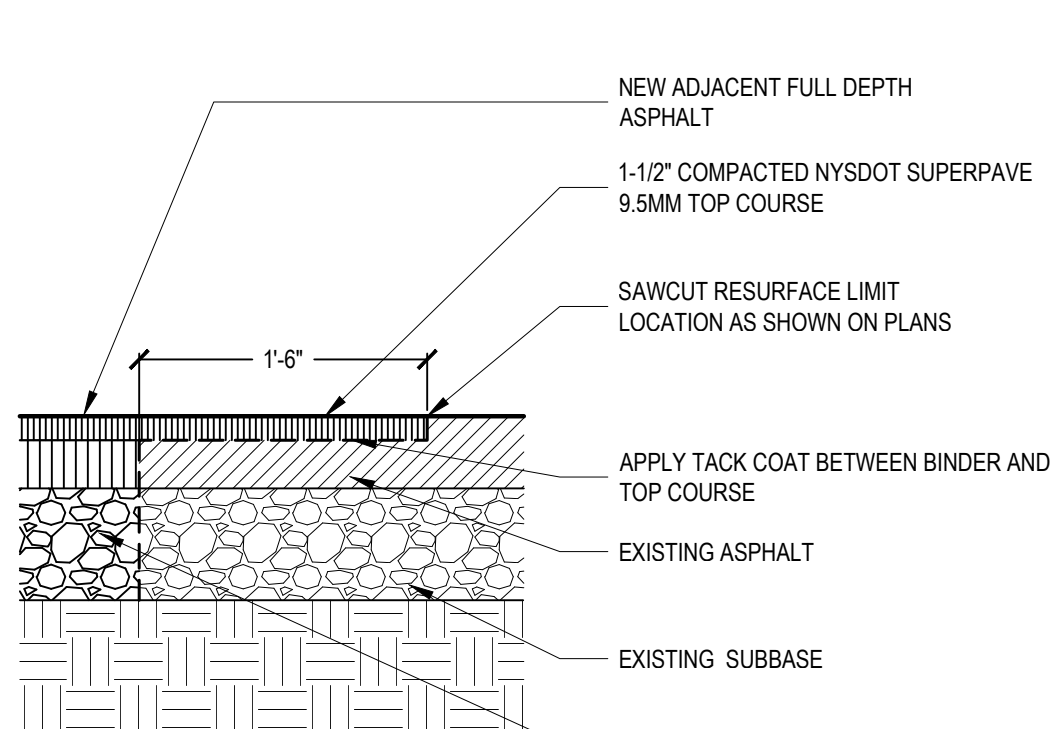
C4 LIMESTONE DUST PATHWAY INTERFACE WITH DECK
1" = 1'-0"



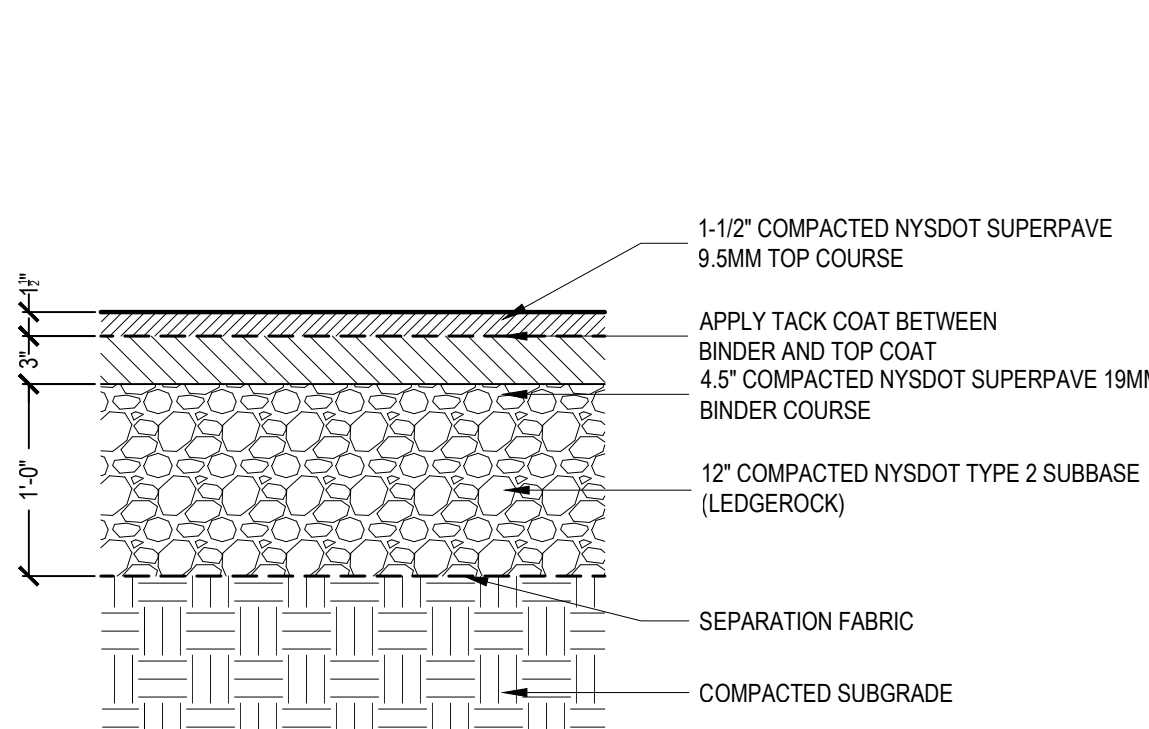
C5 LIMESTONE DUST PATHWAY
1" = 1'-0"



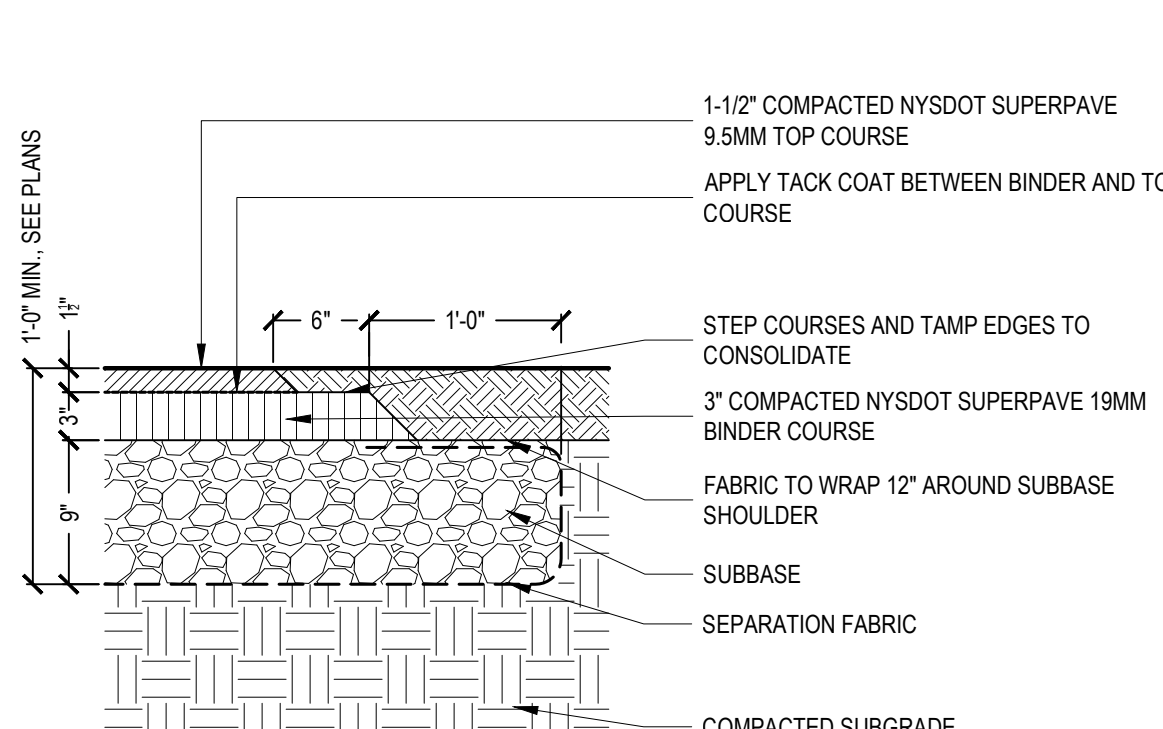
B2 CONCRETE CURB
1" = 1'-0"



B3 ASPHALT PATCH
1" = 1'-0"

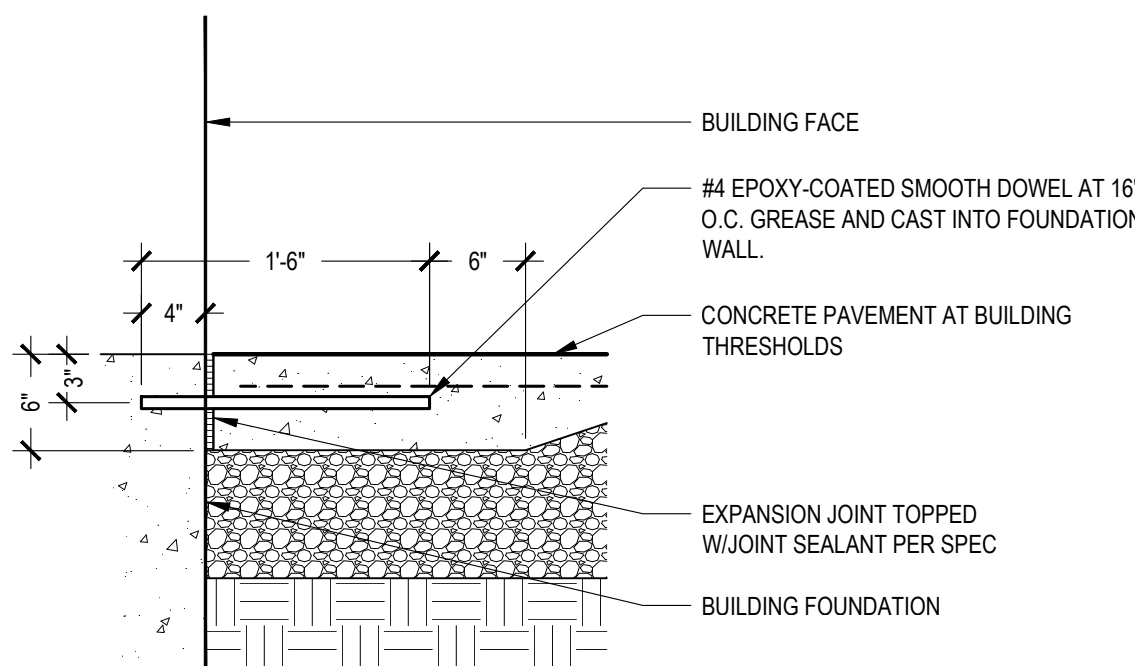


B4 HEAVY DUTY ASPHALT
1" = 1'-0"

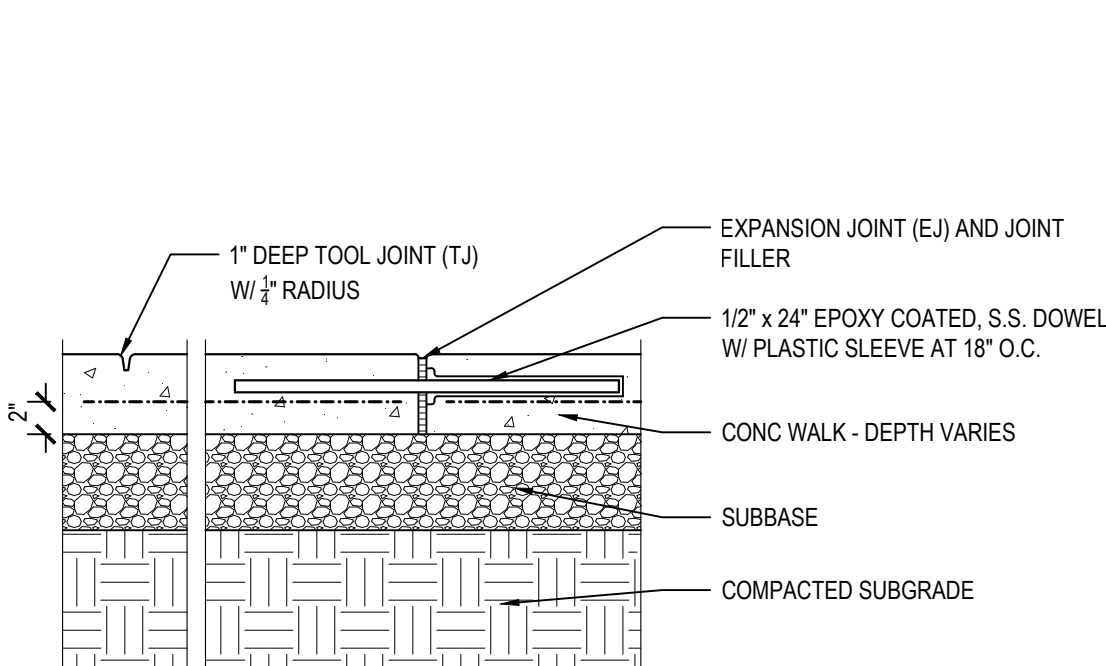


B5 ASPHALT WALKWAY
1" = 1'-0"

- NOTES:
1. 2" MINIMUM CONCRETE COVERAGE AROUND PIN AND MESH

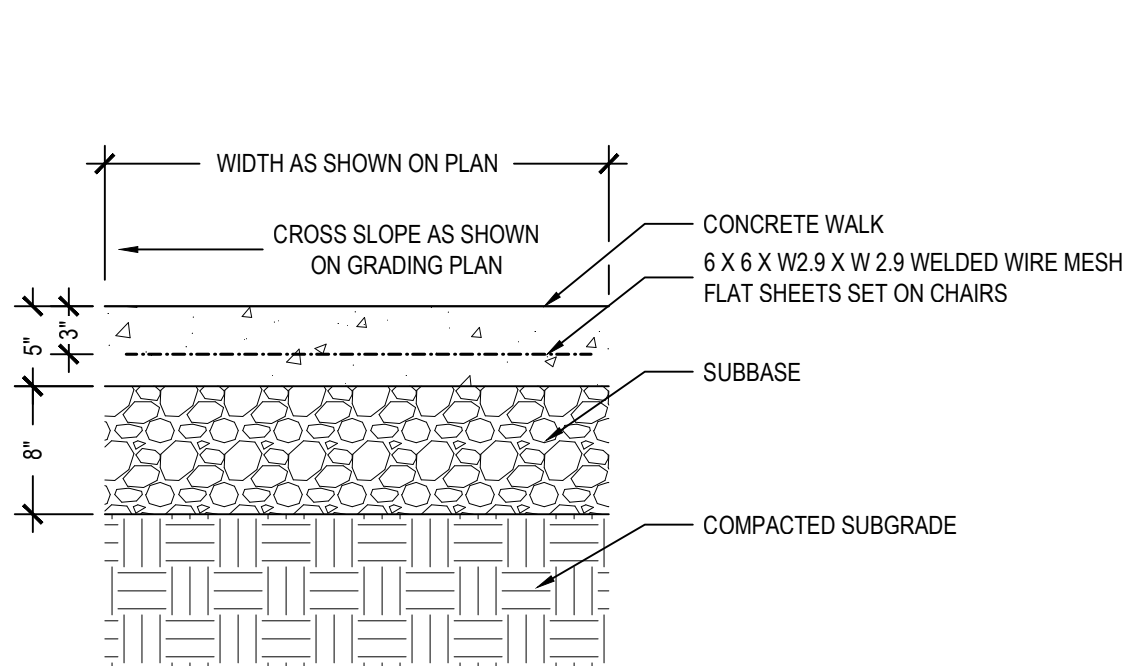


A3 PIN AT BUILDING THRESHOLD
1" = 1'-0"

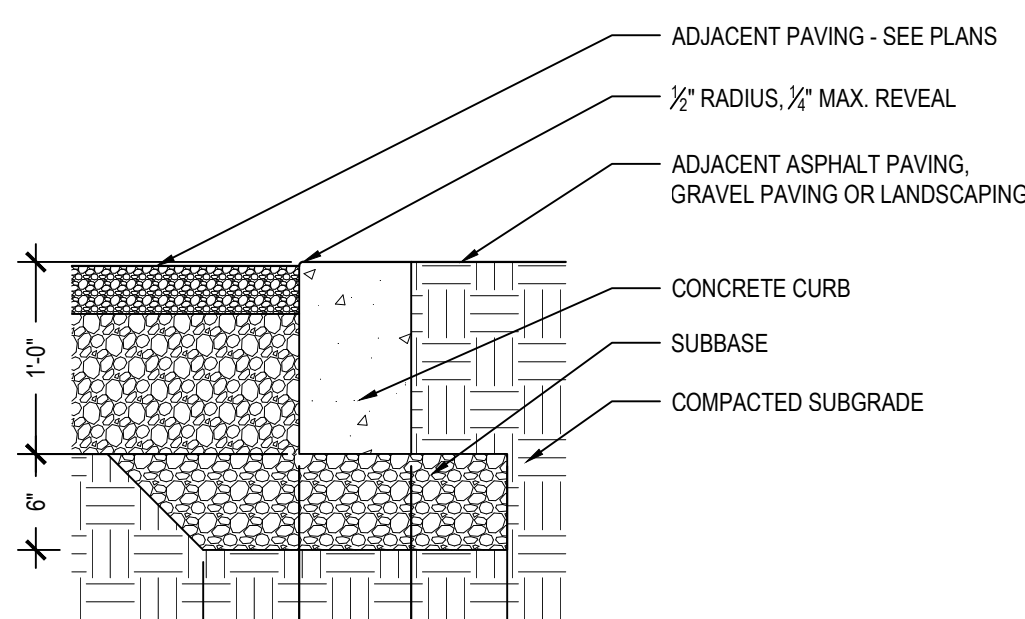


A4 CONCRETE JOINTS
1" = 1'-0"

- NOTES:
1. 2" MINIMUM CONCRETE COVERAGE ON MESH AND TIES

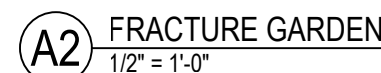


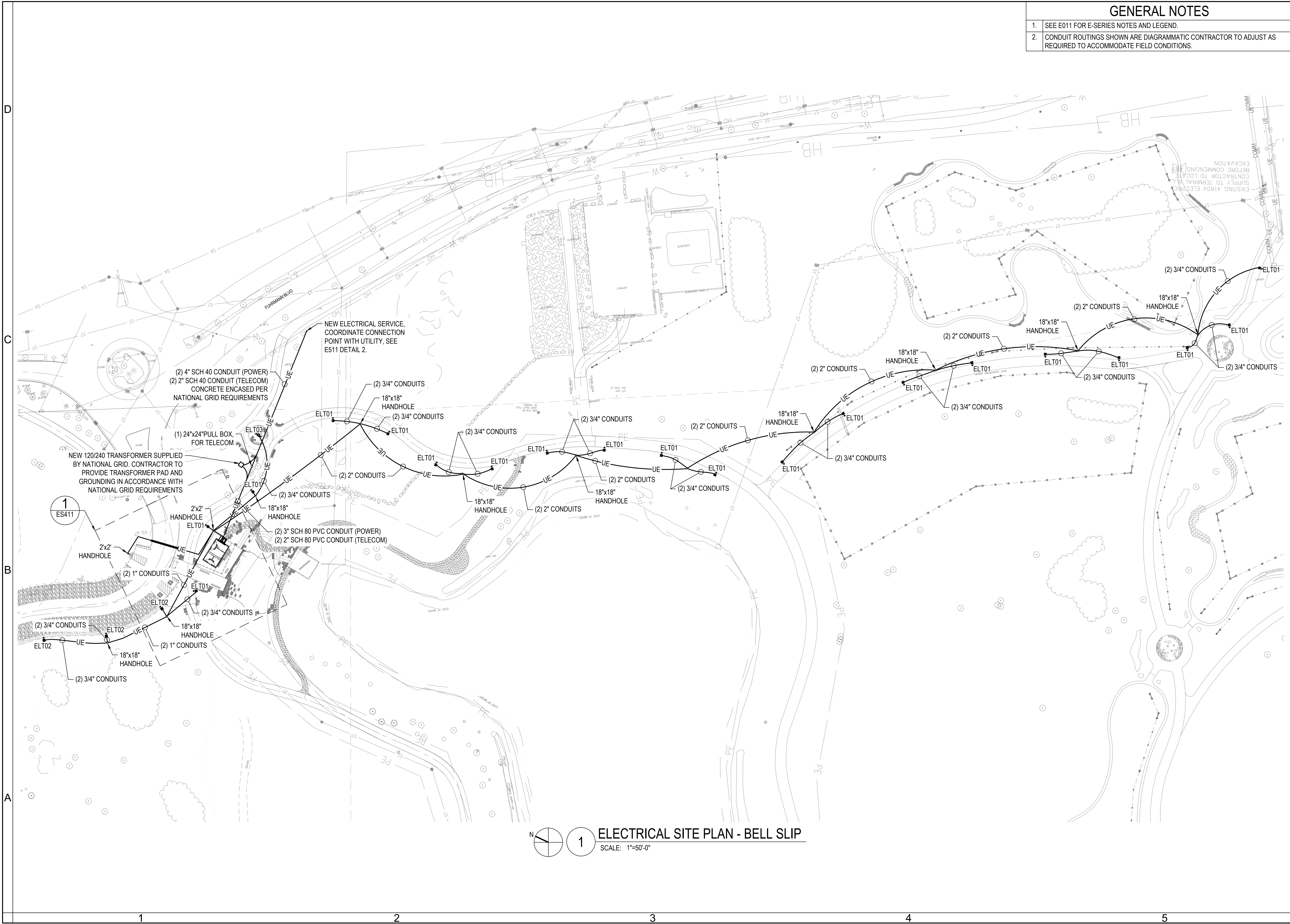
A5 MEDIUM DUTY CONCRETE
1" = 1'-0"




A2 FLUSH CONCRETE CURB
1" = 1'-0"

L502







GENERAL NOTES	
1.	SEE E011 FOR E-SERIES NOTES AND LEGEND.
2.	CONDUIT ROUTINGS SHOWN ARE DIAGRAMMATIC CONTRACTOR TO ADJUST AS REQUIRED TO ACCOMMODATE FIELD CONDITIONS.



A FISHER ASSOCIATES
LANDSCAPE ARCHITECTURE STUDIO
1000 W. SENECA ST., STE. 101 PHOENIX 85017-0409



encorus.com



NOTICE:
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER ANY ITEM ON THIS DOCUMENT WHO ALTERS THIS DOCUMENT. IT IS REQUIRED BY LAW TO AFFIX HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER SIGNATURE AND A SPECIFIC DESCRIPTION OF ALTERATIONS.

COPYRIGHT © 2022
TWM/A | Fisher Associates, P.E., L.S., L.A., D.P.C.

Erie Canal Harbor Development Corporation

Buffalo Outer Harbor Access & Activation

Civic Project, Phase 2 - Bell Slip

575 Fuhrmann Boulevard, Buffalo, New York 14203

DATE:	7/19/2022
PROJECT:	19016
PHASE:	CONSTRUCTION
DRAWN BY:	CJR
CHECKED:	JFF

BELL SLIP ELECTRICAL SITE PLAN

ES111

Section 1.0 – General

- a.) See the Project Site Management Plan for full detail on site history and description. Brief description from the SMP:
 - a. “The Outer Harbor property consists of approximately 165 acres and is currently owned by the NFTA, which acquired it from the U.S. Army Corps of Engineers (USACOE) in the 1950s. The Bell Slip divides the property into a north and south area. The majority of the Buffalo Outer Harbor property was created as a result of land reclamation and filling activities that began in 1874 and continued for more than 100 years. The exact materials used to fill this area are not fully known, but consist primarily of dredged materials from the Buffalo Outer Harbor shipping channel (2,100,000 cy), construction fill (930,000 cy), and lesser amounts of concrete, stone, slag, furnace casting sands, soil and other miscellaneous materials.”
- b.) List & description of activities to be performed:
 - a. Excavation and trenching for installation of Utilities.
 - b. Excavation for new building foundation.
 - c. Community Air Monitoring.
 - d. Site clearing & grubbing of existing vegetation.
 - e. Tree clearing.
 - f. Installation of SWPP elements, including silt sock and inlet protection.
 - g. Installation of temporary and permanent fencing & gates.
 - h. Stockpiling of existing boulders and installation of new boulder features.
 - i. Miscellaneous site demolition.
 - j. Stripping & stockpiling of on-site soils, general grading, testing and disposal.
 - k. Herbicide treatment for invasive species.
 - l. Removal & disposal of existing concrete & asphalt.
 - m. Installation & compaction of subbase stone.
 - n. Concrete curb & flatwork installation.
 - o. Asphalt Paving & Striping.
 - p. Porous Gravel Pavement Installation.
 - q. Stabilized limestone dust trail installation.
 - r. Installation & Maintenance of finished landscape plantings and seeding.
 - s. Installation of lumber site furnishings & bike racks.

Section 2.0 – Hazard Analysis

- a) Chemical Hazards
 - a. See attached SDS sheets for all chemicals to be used on site and their associated hazards
- b) Identify suspected or known chemicals for the site
 - a. See attached SDS sheets for anticipated chemicals to be used on site.
- c) Identify Chemical hazards for activities to be performed:
 - a. Many chemicals used in the installation of concrete, asphalt and utility installation are irritants if they come in contact with skin, eyes etc. These chemicals will be identified prior to the activity being performed. The appropriate PPE will be utilized to protect workers on site. See attached SDS sheets for further information.

- b. A Community Air Monitoring program will be employed to monitor air particulates when conducting ground intrusive work.
- d) Statement regarding level of chemical hazard in relation to work performed:
 - a. There is a moderate level of chemical hazard when conducting ground intrusive work. See Table 3-2 of section 013529 for a full list of chemicals anticipated to be encountered on site.
- e) Brief discussion of all monitoring to be performed by site HSO:
 - a. The HSO will monitor general on-site safety, conduct tool box and safety talks periodically. A Community Air Monitored program will be implemented as well.
- f) Table of chemical hazard information:
 - a. See Table 3-2 of section 013529 for a full list of chemicals anticipated to be encountered on site. See attached SDS sheets for further information of chemicals to be used during the implementation of work on site.
- g) Biological Hazards:
 - a. See Table 3-2 of section 013529 for a full list of biological hazards anticipated to be encountered on site.
- h) Physical and general safety hazards:
 - a. See attached SLY safety handbook for a description of potential physical and general safety hazards, and company policy on how to safely deal with those hazards.
- i) Heat & Cold Exposure:
 - a. See attached SLY safety handbook for a description on safety practices to be employed in Hot and Cold weather scenarios.
- j) Noise Exposure:
 - a. Appropriate PPE, including ear plugs and over ear protection, will be used in situations that require excessive noise exposure.
- k) Cuts or injuries from pinch points:
 - a. See attached SLY safety handbook for description of safety practice to prevent cuts or injuries from pinch points.
- l) Job Hazard Analyses:
 - a. See attached SLY safety handbook for description of safety roles and review process.

Section 2.0:
-Table of Chemical Hazard information.

TABLE 3-2
HAZARD CHARACTERISTICS OF POTENTIAL CONTAMINANTS AT THE
ECHDC SITE

Substance	Flammability/Reactivity	Toxicity/Carcinogenicity	Standards
Volatile Organic Compounds	Highly flammable; vapor/air mixtures are explosive.	May cause irritation to the eyes, skin and respiratory tract.	Standards are Compound specific. No VOC data has been collected in the proposed project area soils. However, total organic vapor readings from soil boring screening were below 5 ppm.
Semi-Volatile Organic Compounds (SVOCs)	Normally flammable liquids with strong irritating odors, strong oxidizers.	May cause respiratory tract irritation and anesthetic effects, they may also produce dermatitis, headaches and nausea.	Standards are Compound specific. PAHs were reported in soil 0.1 mg/m ³ for coal tar pitch volatiles (NIOSH REL TWA) 0.2 mg/m ³ for benzene soluble fraction (OSHA PEL TWA)
Polychlorinated biphenyls (PCBs)	Nonflammable Liquid or Solid, but exposure in a fire can result in formation of PCB containing soot or dibenzofurans and dioxins. , slight fire hazard, Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor	Carcinogenicity, Reproductive Toxicity, Aspiration Hazard. Exposure routes inhalation, skin absorption, ingestion, skin and/or eye contact. Affects skin, liver damage, rash, itching, hair loss, digestive issues, headache, dizziness, impotence, coma and cancer	0.001mg/m ³ (NIOSH-TWA) 0.5 mg/m ³ skin (OSHA)
Arsenic	Noncombustible, slight explosion hazard when exposed to flame.	Toxic by inhalation, skin absorption, ingestion. Affects liver, kidneys, skin, lungs, and lymphatic system.	0.002 mg/m ³ (15-min. NIOSH REL) 0.010 mg/m ³ (OSHA PEL-TWA)
Barium	Not flammable. Will accelerate the burning of combustible material.	Toxic by ingestion, skin absorption and inhalation of vapors and fumes. Neurological, pulmonary, and renal toxin.	0.5 mg/m ³ (NIOSH REL-TWA, OSHA PEL TWA)

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip

Substance	Flammability/Reactivity	Toxicity/Carcinogenicity	Standards
Beryllium	Noncombustible, slight explosion hazard when exposed to flame.	Toxic by inhalation, skin/eye contact irritant. Affects eyes, skin, and respiratory system.	0.0005 mg/m ³ (NIOSH REL) 0.002 mg/m ³ (OSHA PEL-TWA) 0.005 mg/m ³ (OSHA PEL-C 30 - min), with a maximum peak of 0.025 mg/m ³ (30-min)
Cadmium	Noncombustible in bulk form, will burn in powder form.	Toxic by inhalation and ingestion. Affects respiratory system, kidney, prostate, blood.	0.005 mg/m ³ (OSHA PEL)
Chromium	Noncombustible, fine dust burns rapidly if heated.	Toxic by inhalation, ingestion, skin/eye contact irritant. Affects eyes, skin, and respiratory system.	0.5 mg/m ³ (NIOSH REL-TWA) 1 mg/m ³ (OSHA PEL-TWA)
Iron	Noncombustible solid.	Toxic by inhalation. Affects respiratory system.	0.1 mg/m ³ (NIOSH REL-TWA)
Lead	Not flammable. Emits toxic fumes when heated.	Toxic by ingestion and dust or fume inhalation. Lead poisoning is common. Three types include alimentary, neuromotor and encephalic. Some lead compounds are experimental carcinogens of lungs and kidneys.	0.050 mg/m ³ (NIOSH REL-TWA) 0.050 mg/m ³ (OSHA PEL-TWA)
Magnesium	Noncombustible solid.	Toxic by inhalation, skin/eye contact irritant. Affects eyes, respiratory system.	10 mg/m ³ (NIOSH REL TWA) 15 mg/m ³ total (OSHA PEL-TWA) 5 mg/m ³ respirable (OSHA PEL TWA)
Manganese	Combustible solid, will react with water or steam.	Toxic by inhalation, ingestion. Affects respiratory system, central nervous system, blood, kidneys.	1 mg/m ³ (NIOSH REL-TWA) 3 mg/m ³ (TLV-STEL) 5 mg/m ³ (TLV-C)
Mercury	Not flammable. Emits toxic fumes when heated.	Toxic by ingestion, skin absorption and inhalation of vapors and fumes. Neurological, pulm. and renal toxin.	0.05 mg/m ³ as vapor (NIOSH REL TWA) 0.1 mg/m ³ C (NIOSH REL) 0.1 mg/m ³ (OSHA TWA)

Erie Canal Harbor Development Corporation
Buffalo Outer Harbor Access and Activation Civic Project
Phase 2 Bell Slip

Substance	Flammability/Reactivity	Toxicity/Carcinogenicity	Standards
Nickel	Combustible in solid form	Toxic by ingestion, skin absorption and inhalation of dust or fumes. Neurological, pulmonary and renal toxins.	0.015 mg/m ³ (NIOSH REL-TWA) 1.0 mg/m ³ (OSHA PEL-TWA)
Selenium	Combustible solid, reacts violently with oxidants and strong acids, toxic fumes when heated.	Toxic by inhalation, ingestion, skin/eye contact irritant. Affects eyes, skin, respiratory system, liver, kidneys, blood, and spleen.	0.2 mg/m ³ (NIOSH REL-TWA) 0.2 mg/m ³ (OSHA PEL-TWA)
Sodium	Highly flammable, emits toxic fumes when heated, reacts violently with water causing fire/explosion.	Serious local effects by all routes of exposure through inhalation, ingestion and skin/eye contact.	TLV not established for sodium. For anhydrous sodium salts 1.0 mg/m ³ (NIOSH REL TWA)
Thallium	Gives off toxic fumes when heated, reacts with strong acids and halogens at room temperature.	Toxic by inhalation, skin adsorption, ingestion, skin/eye contact irritant. Affects eyes, respiratory system, central nervous system, liver, kidneys, and GI tract.	0.1 mg/m ³ (NIOSH REL-TWA) 0.1 mg/m ³ (OSHA PEL-TWA)
Zinc	Combustible in solid form	Toxic by ingestion, skin absorption and inhalation of dust or fumes. Neurological, pulmonary and renal toxin.	As zinc oxide 5.0 mg/m ³ (NISOH TWA as respirable dust, OSHA PEL-TWA) 15 mg/m ³ total (OSHA PEL TWA)

NOTES FOR TABLE 3-2-

- Standards are 8-Hour Time-Weighted Averages (TWAs) unless otherwise noted.
- Adopted values are limits which have been proposed for the first time, or for which a change in the "Adopted" listing has been proposed under the notice of intended changes by the American Conference of Governmental Industrial Hygienists.
- TLV-C-Ceiling - The exposure that should not be exceeded, even instantaneously.
- TLV-STEL - Short term exposure limit - 15-minute TWA exposure which should not be exceeded at any time during a workday.

REFERENCES

"Threshold Limit Values and Biological Exposure Indices for 1990-1991." American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio, 1990.

Department of Labor, Occupational Safety and Health Administration, 29 CFR, Part 1910, Air Contaminants, Final Rule, January 19, 1989.

"NIOSH Pocket Guide to Chemical Hazards." Department of Health and Human Services (DHHS) National Institute for Occupational Safety and Health (NIOSH), Publication No. 2005-149, September, 2007 and online at <https://www.cdc.gov/niosh/npg/default.html>

"PCB Safety Data Sheet." National Institute of Standards and Technology, May 27, 2015. Online at <https://www-s.nist.gov/srmors/msds/3090-MSDS.pdf>

Hawley, Fessner G. The Condensed Chemical Dictionary, Tenth Edition, New York: Van Nostrand Reinhold, 1981.

Sax, R. Irving. Dangerous Properties of Industrial Materials, Sixth Edition, New York, Van Nostrand Reinhold, 1984

Section 3.0 – Medical Surveillance

- a) See attached SLY safety handbook for detail on medical surveillance and what to do in case of a medical emergency.

Section 4.0 – Training

- a) Applicable OSHA standards, include but are not limited to:
 - a. Excavation, Trenching & Shoring.
 - b. Confined space entry.
 - c. Electrical safety standards.
 - d. Equipment operation.
 - e. Use of ladders.
 - f. Lockout/Tag out
- b) Procedures that Contractor's HSO will use to determine employees that require training:
 - a. Before beginning work, the HSO and employee will review applicable safety rules and standards. If the employee has any questions about how the task should be done safely, they will discuss with the HSO to determine if additional training is necessary.
- c) Controls to ensure that appropriately trained personnel are assigned to tasks:
 - a. Before beginning work, the HSO and employee will review applicable safety rules and standards. If the employee has any questions about how the task should be done safely, they will discuss with the HSO to determine if additional training is necessary.
- d) Handling of OSHA compliant training access and storage:
 - a. Training records for all employees are stored and accessible at Scott Lawn Yard's office at 3305 Haseley Drive, Niagara Falls NY.

Section 5.0 – Site Controls

- a) Description of General Site Control requirements:
 - a. Scott Lawn Yard, Inc. recognizes that our people drive the business. As the most critical resource, employees will be safeguarded through training, provision of appropriate work surroundings, and procedures that foster protection of health and safety. All work conducted by Scott Lawn Yard; Inc's employees will take into account the intent of this policy. No duty, no matter what its perceived result, will be deemed more important than employee health and safety. Refer to the attached SLY safety handbook for further detail on SLY health & safety policy and training requirements.

Section 6.0 – Air Monitoring & Sampling (CAMP)

- a) Real-time air monitoring stations will be set up at 3 points around site. These stations will monitor particulate levels and generate reports on the average particular levels. These stations will be utilized while ground intrusive work is being performed on site.

Section 7.0 – Personal Protective Equipment

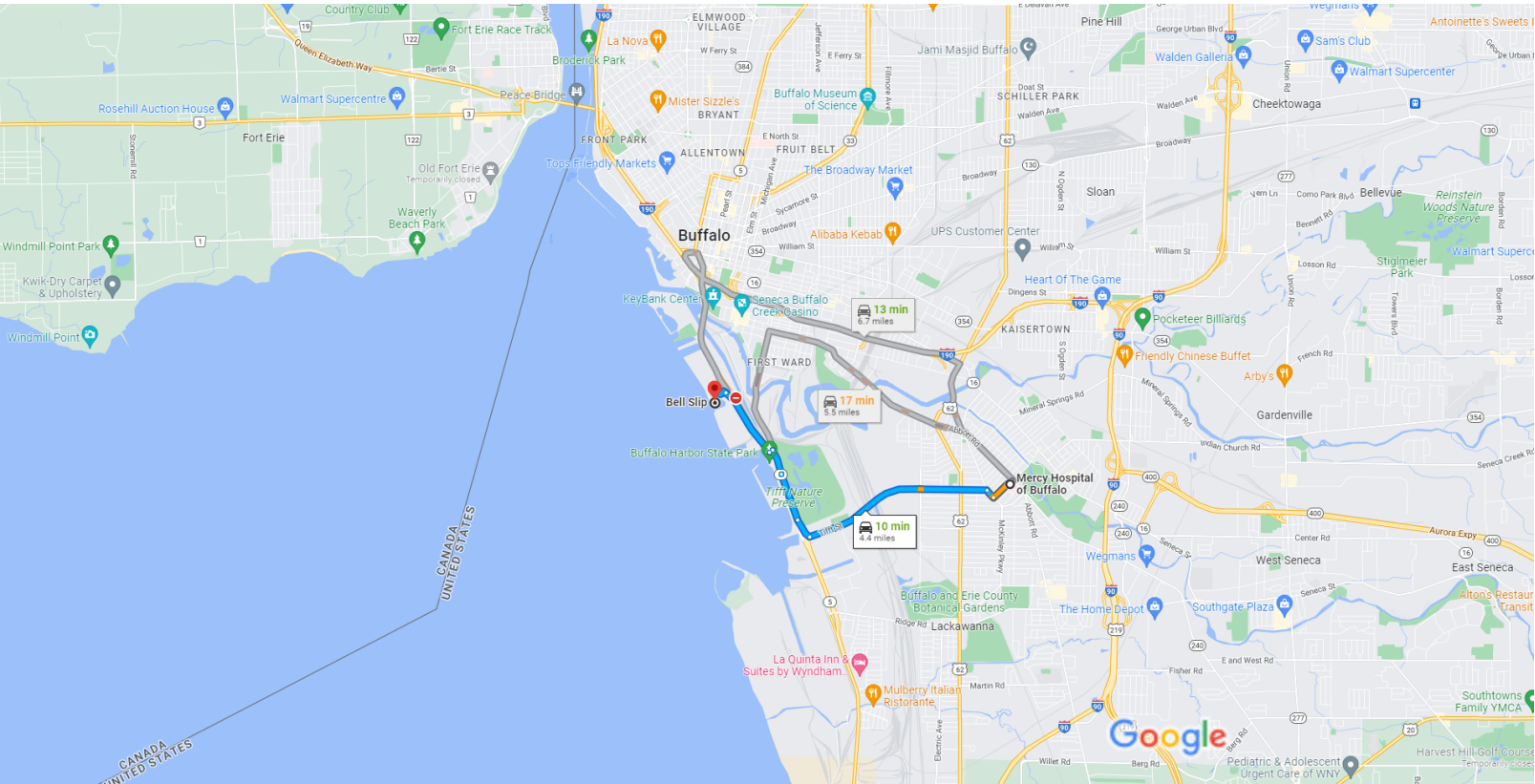
- a) SLY Personal Protective Equipment (PPE) Policy is as follows, refer to the attached SLY Safety Handbook for further detail.

- a. Inspect PPE prior to each use. Do not use damaged PPE.
- b. Safety Glasses – must be worn at all times in designated areas.
- c. Hard Hats – must be worn at all times in designated areas.
- d. Gloves – work gloves must be worn at all times when handling sharp or rough stock, welding, or performing other jobs, which could cause hand injuries. Synthetic gloves must be worn when handling chemicals.
- e. Welding – appropriate filter lens, welding helmet, gloves, and sleeves are required for welders at all times.
- f. Hearing Protection – required in areas where noise exposure is more than 90dBA (85dBA if you already have experience a hearing loss).

Section 8.0 – Emergency Response

- a) Refer to attached SLY safety handbook for SLY emergency response policy. Details on closest available hospital and emergency telephone numbers have been attached. A brief overview:
 - a. General Emergency Guidelines:
 - i. Stay calm and think through your actions
 - ii. Know the emergency numbers:
 - 1. Fire/police/ambulance: 911
 - 2. Internal Emergency Number (If applicable)
 - 3. Human resources: 716-731-6415
 - iii. Know where exits are located
 - iv. Do not hesitate to call/alert others if you believe that an emergency is occurring.

Section 8.0: Fastest route to the nearest Hospital



Map data ©2023 Google 1 mi



via Tifft St **10 min**
Fastest route now, avoids road closure
4.4 miles



via I-190 N **13 min**
6.7 miles



via South Park Ave **17 min**
Some traffic, as usual
5.5 miles

Explore Bell Slip

SCOTT LAWN YARD



3305 Haseley Drive
Niagara Falls, NY 14304
Main (716) 731-6415
Fax (716) 731-6485

PROJECT CONTACTS

Project Name: Bell Slip
Project Location: 575 Fuhrmann Blvd, Buffalo NY 14203

Primary Field Contact

Scott Houck
716-609-2087
shouck@scottlawnyard.com

Secondary Field Contact

Dylan Falank
607-624-5812
dfalank@scottlawnyard.com

Primary Office Contact

Dylan Falank
607-624-5812
dfalank@scottlawnyard.com

Secondary Office Contact

Eric Retzlaff
716-425-2340
eretzlaff@scottlawnyard.com



Section 9.0 – Spill Prevention & Control

- a) Chemicals will be stored safely and securely in their original containers per manufacturer recommendations. Containers will also be visually inspected for damage on a periodic basis. A spill kit will also be kept on site to respond appropriately in case of an incident.



Safety Handbook

Scott Lawn Yard, Inc.

**A Guide to Safety Policies & Procedures
to Support a Safety-Conscious Work Environment**

Legal Disclaimer to users of this form employee handbook:

The materials presented herein are for general reference only. Federal, state or local laws, or individual circumstances may require the addition of policies, amendment of individual policies, and/or the entire Handbook to meet specific situations. These materials are intended to be used only as guides and should not be used, adopted, or modified without the advice of legal counsel. These materials are presented, therefore, with the understanding that the Company is not engaged in rendering legal, accounting, or other professional service. If legal advice or other expert assistance is required, the services of a competent professional should be sought.

Safety Handbook

Preface

Scott Lawn Yard, Inc. recognizes that our people drive the business. As the most critical resource, employees will be safeguarded through training, provision of appropriate work surroundings, and procedures that foster protection of health and safety. All work conducted by Scott Lawn Yard, Inc's employees will take into account the intent of this policy. No duty, no matter what its perceived result, will be deemed more important than employee health and safety.

Scott Lawn Yard, Inc. is firmly committed to the safety of our employees. We will do everything possible to prevent workplace accidents and we are committed to providing a safe working environment for all employees.

We value our employees not only as employees but also as human beings critical to the success of their family, the local community, and Scott Lawn Yard, Inc.

Employees are encouraged to report any unsafe work practices or safety hazards encountered on the job. All accidents/incidents (no matter how slight) are to be immediately reported to the supervisor on duty.

A key factor in implementing this policy will be the strict compliance to all applicable federal, state, local, and company policies and procedures. Failure to comply with these policies may result in disciplinary actions.

Respecting this, Scott Lawn Yard, Inc. will make every reasonable effort to provide a safe and healthful workplace that is free from any recognized or known potential hazards. Additionally, Scott Lawn Yard, Inc. subscribes to these principles:

1. All accidents are preventable through implementation of effective Safety and Health Control policies and programs.
2. Safety and Health controls are a major part of our work every day.
3. Accident prevention is good business. It minimizes human suffering, promotes better working conditions for everyone, holds Scott Lawn Yard, Inc. in higher regard with customers, and increases productivity. This is why Scott Lawn Yard, Inc. will comply with all safety and health regulations which apply to the course and scope of operations.
4. Management is responsible for providing the safest possible workplace for Employees. Consequently, management of Scott Lawn Yard, Inc. is committed to allocating and providing all of the resources needed to promote and effectively implement this safety policy.
5. Employees are responsible for following safe work practices and company rules, and for preventing accidents and injuries. Management will establish lines of communication to solicit and receive comments, information, suggestions and assistance from employees where safety and health are concerned.
6. Management and supervisors of Scott Lawn Yard, Inc. will set an exemplary example with good attitudes and strong commitment to safety and health in the workplace. Toward this end, Management must monitor company safety and health performance, working environment and conditions to ensure that program objectives are achieved.
7. Our safety program applies to all employees and persons affected or associated in any way by the scope of this business. Everyone's goal must be to constantly improve safety awareness and to prevent accidents and injuries.

Everyone at Scott Lawn Yard, Inc. must be involved and committed to safety. This must be a team effort. Together, we can prevent accidents and injuries. Together, we can keep each other safe and healthy in the work that provides our livelihood.

Christine Miller - Safety Coordinator

Scott Houck - Assistant Safety Coordinator

PREFACE	2
TABLE OF CONTENTS	3
EMPLOYEE SAFETY RESPONSIBILITIES	4
EMPLOYEE SAFETY RULES	5-16
SAFETY COORDINATOR RESPONSIBILITIES	17
CLIENT VISITS	18
REPORTING INJURIES	19
EMERGENCY ACTION PLAN	20-21
FIRE PREVENTION PLAN & ELECTRICAL SAFETY	22
RETURN TO WORK PROGRAM	23
HAZARD COMMUNICATION	24
OFFICE SAFETY & SECURITY	25
CONSIDERATIONS FOLLOWING A SERIOUS INDUSTRIAL ACCIDENT	26
BLOODBORNE PATHOGENS	27
SEXUAL HARASSMENT POLICY	28
ACCIDENT REPORT FORMS	30-33
VEHICLE USE POLICY (Sign & Return)	35
EMPLOYEE ACKNOWLEDGEMENT FORM (Sign & Return)	36

Safety Handbook

Employee Safety Responsibilities

The primary responsibility of the employees of Scott Lawn Yard, Inc. is to perform his or her duties in a safe manner in order to prevent injury to themselves and others.

As a condition of employment, employees **MUST** become familiar with, observe, and obey Scott Lawn Yard, Inc.'s rules and established policies for health, safety, and preventing injuries while at work. Additionally, employees **MUST** learn the approved safe practices and procedures that apply to their work.

Before beginning special work or new assignments, an employee should review applicable and appropriate safety rules.

If an employee has any questions about how a task should be done safely, he or she is under instruction **NOT** to begin the task until he or she discusses the situation with his or her supervisor. Together, they will determine the safe way to do the job.

If, after discussing a safety situation with his or her supervisor, an employee still has questions or concerns, he or she is required to contact the Safety Coordinator.

NO EMPLOYEE IS EVER REQUIRED to perform work that he or she believes is unsafe, or that he or she think is likely to cause injury or a health risk to themselves or others.

Safety Handbook

Employee Safety Rules

- 1. Conduct:** Horseplay, 'practical jokes,' etc., are forbidden. Employees are required to work in an injury-free manner displaying accepted levels of behavior. Conduct that places the employee or others at risk, or which threatens or intimidates others, is forbidden.
- 2. Drugs and Alcohol:** Use and/or possession of illegal drugs or alcohol on company property or on company time are forbidden. Reporting for work while under the influence of illegal drugs or alcohol is forbidden

Please proceed to the next two pages to read important information regarding Drug and Substance Abuse Testing (Provided by the U.S. Department of Transportation (DOT) and Federal Motor Carrier Safety Administration (FMCSA))



INFORMATION FOR MOTOR CARRIERS

The U.S. Department of Transportation (DOT), Federal Motor Carrier Safety Administration (FMCSA), adopted regulations requiring certain commercial motor vehicle operators to be tested for alcohol and drugs in order to reach the goal of a alcohol and drug-free transportation environment. This brochure summarizes the rule as it applies to all motor carriers.

WHO MUST COMPLY WITH THIS REQUIREMENT

The Federal Motor Carrier Safety Administration's alcohol and drug testing rules apply to every person and to all employers of such persons who operate a commercial motor vehicle in commerce in any state, and is subject to: (1) the commercial driver's license requirements of 49 CFR Part 383; (2) the Licencia Federal de Conductor (Mexico) requirements; or (3) the commercial driver's license requirements of the Canadian National Safety Code.



CONTROLLED SUBSTANCES The regulations require testing for the following classes of substances:

Marijuana

Cocaine

Opiates

Amphetamines and
Methamphetamines

Phencyclidine - PCP

TESTS REQUIRED

The following tests apply to all persons who are required to have a CDL for the type vehicle being operated:

Pre-Employment: This test is required and negative results must be received before a motor carrier allows a driver to perform a safety sensitive function. The pre-employment test is only required for controlled substances. Alcohol testing is permitted.

Reasonable Suspicion: This test is required when a trained supervisor/employer has reasonable suspicion to believe that the driver has used alcohol and/or controlled substances.

Random: This unannounced testing is based on a random selection of drivers. The selection must be made by a scientifically valid method and all drivers covered by this rule must have an equal chance of being tested. The names of drivers who are selected for testing

must be kept confidential until such time that the carrier notifies the driver to take the test. Once the driver is notified, he/she must immediately proceed to the testing facility and undergo testing. Every driver's name that is selected for testing must be returned to the selection pool so that all drivers have an equal chance of being selected at any time. Random alcohol testing is also required by the DOT. However, random alcohol tests can only be administered just prior to a driver performing a safety-sensitive function, while performing a safety-sensitive function, or just after performing a safety-sensitive function. Random controlled substances tests can be conducted at any time the driver is notified. A driver who is selected and refuses to submit to a test must follow the requirements of 49 CFR Part 40, Subpart O.

Post Accident: This test applies to all CDL drivers who are involved in fatal crashes. The test must also be conducted on all CDL drivers who are cited for moving violations arising in a crash that requires a vehicle being towed or an injury requiring medical attention away from the scene. The alcohol test must be conducted within 8 hours and the controlled substances test must be conducted within 32 hours of the crash.

TESTING PROCEDURES

The official testing procedures are based on those established by the Department of Health and Human Services. These procedures include: urine sample collection, laboratory procedures, and reporting and recordkeeping of final results. Only laboratories certified by Health and Human Services under the National Laboratory Certification Program (NLCP) may be used. These procedures exist to safeguard accuracy and to protect the privacy of drivers.

A driver who has tested positive for any of the substances will be notified and may discuss the positive test results with a qualified Medical Review Officer (MRO) before a result is reported to the employer. The driver will have an opportunity to explain any special circumstances to the MRO. The MRO has the authority and responsibility for reporting the results to the carrier's alcohol and drug program management for action.

CONSEQUENCES

A driver who has violated DOT alcohol and drug regulations is prohibited from performing DOT safety-sensitive duties for any motor carrier until he/she completes the Substance Abuse Professional (SAP) evaluation, referral, and education/treatment process set forth in 49 CFR Part 40 Subpart O, and in applicable FMCSA regulations.

Sources of Assistance for Motor Carriers

Motor carriers may find it easier to comply by:

- Forming a consortium (association or partnership) of similar operators to administer or develop and implement a program for the group as a whole;
- Contracting with a company (such as a consulting or medical services firm) to run a program for the carrier;
- Arranging for a group already in the industry (union or trade association) to set up a program; or
- Arranging to participate in the program of a larger carrier.

For information or assistance in establishing or joining a program, contact trade associations or unions in your area.

Note: Carriers who employ only the owner as a driver must join a consortium.

For additional research and reading on the Federal Motor Carrier Safety Administration's Alcohol and Drug Testing Regulations, please visit our web site at:

www.fmcsa.dot.gov

FEDERAL ALCOHOL AND DRUG TESTING REQUIREMENTS

Information for Motor Carriers



3. Housekeeping: The following areas must remain clear of obstructions:

- Aisles/exits
- Fire extinguishers and emergency equipment
- All electrical breakers, controls, and switches
- Eye wash/safety showers

You are responsible to keep your work area clean and safe. Clean-up several times throughout the day, disposing of trash and waste in approved containers, wiping up any drips/spills immediately, and putting equipment and tools away as you are finished with them.

4. Injury Reporting: All work-related injuries must be reported to your supervisor immediately. Failure to immediately report injuries can result in loss of Workers' Compensation benefits. After each medical appointment resulting from a work-related injury, you must contact your supervisor to discuss your progress. You must also give your supervisor any paperwork that you received at the appointment.

Scott Lawn Yard, Inc. provides Transitional Return to Work (light duty) jobs for persons injured at work. Transitional work is meant to allow the injured employee to heal under a doctor's care while she/he remains productive. Employees are required to return to work immediately upon release.

5. Personal Protective Equipment (PPE): Inspect PPE prior to each use. Do not use damaged PPE. You are required to maintain and keep PPE clean.

- a) Safety Glasses – must be worn at all times in designated areas in this facility.
- b) Hard Hats – must be worn at all times in designated areas.
- c) Work Boots – must be worn at all times when on jobsite.
- d) Gloves – work gloves must be worn at all times when handling sharp or rough stock, welding, or performing other jobs, which could cause hand injuries. Synthetic gloves must be worn when handling chemicals.
- e) Welding – appropriate filter lens, welding helmet, gloves, and sleeves are required for welders at all times.
- f) Hearing Protection – is required in areas where noise exposure is more than 90dBA (85dBA if you already have experienced a hearing loss).

6. Equipment Operation: You must specifically be trained and authorized by your supervisor to operate the following:

- Company vehicles,
- Machine and power tools,
- Paint sprayers,
- Welders

When operating machines: do not wear loose clothing, long hair should be tied up and back, remove jewelry, and sleeves should either be rolled all the way up, or all the way down.

Never operate damaged or defective equipment. Turn the machine off and report it to your supervisor immediately.

Never tamper with, remove, or deactivate machine guards or controls designed to ensure safe operations. Never reach into an operating machine or moving machine part.

Safety Handbook

Employee Safety Rules

7. Ladders:

- Inspect all ladders prior to each use;
- Ladders must be placed on secure footing;
- Only one person is allowed on a ladder at a time;
- Never stand on the top two steps of a stepladder;
- Always maintain 3-point contact when working on ladders;
- Never reach beyond arm length when working on a ladder; and never use metal ladders when working on or around electrical equipment.

8. Lockout / Tag Out

Prior to working on any machinery when guards are removed, every energy source (electrical, hydraulic, chemical, mechanical, etc.) must be deactivated, stored energy dissipated, and the control locked in the off (safe) position.

Never remove or tamper with a lockout performed by another employee or contractor. A lockout could consist of a lock applied to a control such as a switch, breaker, or valve. A tag containing words such as "DANGER - DO NOT OPERATE" may also be used for lockout. If you see the lock, the tag, or both applied to an energy control device it means, "Keep your hands off."

9. Confined Space Entry

Only trained and authorized employees are permitted to enter confined spaces. If you believe that your job requires confined space entry, contact your supervisor prior to undertaking the work. Confined spaces are areas not meant for human occupancy, have limited means of entry/exit, and have electrical, chemical, thermal, atmosphere, or entrapment hazard.

Safety Handbook

Employee Safety Rules

10. Excavation, Trenching & Shoring:

- All trenches or excavations over **4** feet deep will be benched, sloped or shored according to site specific trench safety plan.
- All trenches and excavations will have a safe ladder installed no more than 25 feet from working employees and will be relocated as the work progresses (trenches 4 feet or more in depth).
- You are not to enter any trench or excavation before a supervisor has inspected and determined it to be safe to enter and work. Do not enter a trench without authorization.
- Should any condition become hazardous while you are in a trench or excavation, you are to get out immediately.
- All excavated soil is to be placed away from the excavation edge according to OSHA standards (at least 2 feet) and to prevent it from falling back into the trench or excavation.
- Do not permit vehicles or equipment to operate too close to the trench or excavation, where vibrations could cause a cave-in.
- Do not work back-to-back while using picks. When shoveling, be sure to keep others at a safe distance.
- Never work alone while performing excavation, trenching, or shoring operations.
- Do not work in excavations where there is standing or accumulating water without the necessary precautions being taken to alleviate the hazard.
- Subcontractors working in **confined areas**, will comply to **all OSHA Regulations**.
- Before beginning any excavation or trenching. Underground utilities must be found; utilities must be protected when digging.
-
- Removal of all protective systems will begin at, and progress from, the bottom of the excavation or trench.
- Backfilling of the excavation will be accomplished with the removal of the protective system.



11. Hazard Communication:

- a) All chemical containers must be labeled to identify contents and hazards. Most labels use numbers to rank the hazard level in three important areas:

-**FIRE** (red background color) - will the material burn?

-**HEALTH** (blue background) - is the material dangerous to my body?

-**REACTIVITY** (yellow background) - is the material dangerously unstable?

After each hazard (Fire, Health, Reactivity), a number from 1-4 will be assigned. The number reflects the degree (or amount) of hazard:

-**0** Minimal

-**1** Slight

-**2** Moderate

-**3** Serious

-**4** Severe

- b) A Safety Data Sheet (SDS) must be secured for all chemicals purchased or brought on site. You have a right to access SDSs – ask your supervisor.
- c) Follow all label and SDS instructions – including amount instructions
- d) Do not mix chemicals unless authorized to do so.
- e) Keep all chemicals in closed containers.
- f) Store all flammable liquids in safety cabinets or safety cans. Never use flammable chemicals around ignition sources such as smokers, pilot lights, or arcing/sparking electrical equipment.
- g) Wear required Personal Protective Equipment and minimize contact with the chemical.
- h) Do not eat, drink, or smoke while using chemicals. And always wash your hands after handling chemicals.



Safety Handbook

Employee Safety Rules

12. Emergencies:

In the event of any serious injury or fire, call 911. Send someone to the facility entrance to meet the Fire Department. If in doubt, call 911.

Upon discovering a fire, alert others in immediate danger and initiate facility-wide fire alarm.

When the evacuation signal is given, all employees should immediately turn off equipment, close doors, and evacuate to their designated evacuation areas. Attendance will be taken to account for all personnel. Stay together in the group until further instructions are received.

Do not attempt to fight any fire which is uncontained, too hot, too smoky, or if you are too frightened.

To use a fire extinguisher, remember PASS:

- P = Pull (the safety pin)
- A = Aim (at the base of the fire)
- S = Squeeze (the lever)
- S = Sweep (side to side)

If you use a fire extinguisher, remember:

- Stay low,
- Keep yourself between the fire and an exit,
- Do not turn your back on a fire, and
- Immediately report the use to your supervisor.

Do not touch blood or any other bodily fluid during or following an incident. If you are trained to administer first aid, gloves and other barriers are located with the first aid equipment. If you think that you have been exposed to bodily fluid, notify your supervisor immediately.

13. Company Vehicles and Driver Safety:

- a) Only employees authorized by Scott Lawn Yard, Inc. are permitted to operate vehicles.
- b) No 'side trips' or personal use of company vehicles are permitted.
- c) Seat belts/shoulder harnesses must be worn whenever the vehicle is in motion.
- d) All local and state traffic regulations and signs must be followed.
- e) No unauthorized riders, hitchhikers, etc., are allowed.
- f) All moving violations resulting in points being assigned to your license must be reported to your supervisor.
- g) Driving while under the influence of alcohol or other drugs is forbidden.

- Employees driving their personal vehicles on company business must follow steps 'c – g,' shown above.

Safety Handbook

Employee Safety Rules

14. Electrical Safety:

- a) Never operate or tamper with the electrical main switch or breakers. You are authorized only to operate switches/disconnects on/for individual machines.
- b) Report all electrical problems and suspected problems to your supervisor.
- c) All junction boxes, control boxes, connections, and other wiring must have covers securely installed to prevent accidental contact.
- d) Inspect all plugs, cords, and portable equipment prior to use.
- e) Report any damaged electrical equipment to your supervisor. Only authorized personnel are permitted to make repairs.
- f) Extension cords are to be used only for temporary applications. Never stretch cords across aisles or areas where others may trip over them. Do not attach extension cords to the building or run them under rugs/mats or through walls.
- g) Any personal electrical devices must be approved by Scott Lawn Yard, Inc. prior to use.
- h) Per 20CFR 1926.404 (b)(1)(ii) OSHA Safety and Health Rules and Regulations, all 120-volt, single-phase 15- and 20- ampere receptacle outlets on construction sites, which are not a part of the permanent wiring of the building or structure and which are in use by employees, shall have approved ground-fault circuit interrupters for personnel protection. GFCI's are available upon request from your supervisor and are required to be used in these situations.

15. Noise and Hearing Protection:

Employees may not be exposed to excessive sound levels for prolonged periods of time without controls or protective equipment. For example: Employees may not be exposed to more than 90 decibels of sound for more than 8 hours. Breaking concrete with an air hammer produces 95 decibels of sound for the operator. Employees may not be exposed to 95 decibels for more than 4 hours without controls or protective equipment.

Exposure of employees to noise shall be controlled in the order shown below:

- b) Rotate or replace employees on noisy work so as to reduce time of exposure.
- c) Utilize equipment that has been engineered to run silently or is equipped with mufflers or sound reducing accessories.
- d) Where it is not feasible to employ the first two controls, or where they fail to reduce noise to safe levels, issue personal protective equipment to exposed employees and enforce its use. Such equipment may consist of ear plugs or ear muffs designed to protect hearing.

16. Lifting:

- a) If you need help moving material, request assistance.
- b) When you lift, use your leg muscles by squatting close to the load, preserving the curve in your back, spreading your feet, and lifting with your legs, keeping the load close to your body.
- c) When you turn holding an object, move your feet, and do not twist.

Safety Handbook

Employee Safety Rules

17. Welding and Burning (Hot Works):

- a) Wear eye protection. (Safety glasses and/or welder's shield).
- b) Gas bottles will not be stored lying down.
- c) Caps will be kept on all bottles when regulators are not in place.
- d) Regulators are to be kept free of oil and leaks. Flashback safety valves will be used on all hoses and lines at the gauges or manifolds.
- e) Properly securing bottles will be used for storage of acetylene and oxygen.
- f) Oxygen and acetylene bottles must be separated by a firewall in storage or separated by a minimum of 20 feet, according to the SDS.
- g) Acetylene and oxygen bottles will be secured in an upright position while in use.
- h) Employees and all work are to be protected from hot welding materials. This may involve the use of a fire watch with fire extinguisher, having a restricted access zone barricaded with sign and protecting materials with fire blankets.
- i) Welders are required to wear hard hats with a hood attached while welding.
- j) Welder helpers and all others working around welders are required to wear eye protection.
- k) Respirators are required when you are exposed to toxic fumes.
- l) Be sure you have adequate ventilation when welding.
- m) Never attempt to operate welding machine or cutting torches or perform welding or cutting operations unless proper training and authorization are given.
- n) Protective gloves and proper clothing must be worn when performing welding and cutting operations.
- o) Welding and cutting operations must not be performed near or around flammable or combustible materials or fire hazards without adequate protective measures in place.
- p) Fire extinguishers must be present at the site of any welding or cutting operation.
- q) Welding machines, cutting torches, and any attachments or apparatus must be visually inspected by the user or operator prior to each use. Defective or unsafe equipment is never to be used until repaired or replaced.

Always ensure that all workers and other persons that might be in the area are protected from harmful rays, sparks, hot material, and any other hazards associated with the welding or cutting process. Employees authorized to perform welding and cutting operations must utilize all protective shielding provided for the protection of other employees exposed to the light created by the arc. Eye protection is required and mandatory when performing any type of welding or cutting operation, despite the circumstances or duration.

Safety Handbook

Employee Safety Rules

18. Dump Truck Safety:OPERATIONAL HAZARDS

- All dump trucks have a maximum gross vehicle weight rating and that must never be exceeded. If you drive overloaded, you risk reduced vehicle control and increased potential for an accident.
- Remember, a loaded vehicle handles very differently than an empty one. Be prepared for longer stopping distances, slower accelerations, an increased lean on curves and turns and a very different steering response.
- Dump trucks and their operators are at particular risk during dumping operations as when the bed is raised, there is increased risk of the truck tipping over while driving over uneven or soft ground. Be sure to lower your bed as soon as possible after dropping your load.
- Another very real concern is coming into contact with overhead lines. More than one driver and bystanders have been electrocuted while making contact when power lines contacted a raised bed.
- While waiting for a load, never sit in the cab, as falling rocks and debris can injure you if one should crash through the windshield.
- Never allow the operator to swing loads over the front of the truck. Remember, you're the one who will have to explain the big dent right in the middle of the hood.
- When preparing to leave with a load, be sure to clean off loose dirt or gravel from the sides and back of the bed. Failure to do so can lead to windshield damage claim or worse.
- Be sure to cover your load to prevent material from blowing off in transit.
- When climbing into the cab, always use the handrail, if provided, to prevent a fall.

DUMPING LOADS SAFELY

- The dump bed is a valuable specialized tool, but it can also be a hazard to you and those around you. Be sure to always get someone to guide you when dumping.
- Nobody should be allowed in the path of the material to be dumped. This is very important for people working in the near vicinity as more than one person has been buried alive during the back fill process.
- Always use pre-arranged hand signals so there are no mix ups and be sure that there are no overhead lines that could get caught in the raised dump.
- To dump your load, push the pin latch release or electronic button down, which will in turn release the pin latch on the tailgate. The rate of flow can be regulated by the limiting chains and the angle of the raised bed.
- The rear of the truck can be a hazard; there are pinch points that can take off a finger as well as a risk of a serious head injury from a swinging tailgate.

Safety Handbook

Employee Safety Rules

- To actually raise the bed, engage the power take off or PTO lever. Engage the PTO lever and push the dump control in the neutral or middle position.
- This will cause the bed to stop at any level you wish. Be sure to check your operator's manual for specific instruction.
- Return the bed to its original or lowered position by putting the lever or switch in the normal or original position. Be sure to push the pin latch lever back up to secure the tailgate.

RAISED BED & TAILGATE HAZARDS

- There are some very important safety considerations you should be aware of while working around your dump truck.
- Never get under a raised dump bed without safety devices to prevent an accident. The reason is obvious.
- If you must work under a raised bed, be sure the bed is supported by an arm bar strong enough to support the load.
- The same goes for allowing yourself to get under an opened tailgate. A tailgate can weigh nearly a half of a ton. One slip and a very serious injury can result.

19. Staying Safe - Report any unsafe conditions or situations to your supervisor. If you have suggestions on improving any aspect of safety in the facility, discuss it. If you are unsure of how to operate a piece of equipment or complete an assignment, **ask for help**. Asking for help when you are unsure reduces the chance of injury.

These rules are established to help you stay safe and injury free. Violation of the above rules, or conduct that does not meet minimum accepted work standards, will result in discipline, up to and including discharge.

When working at a customer location, employees are required to follow the above rules, as well as all customer rules and procedures, and work in a manner that reflects positively on the company. Before operating any equipment at a customer location, permission must first be secured from the customer contact.

Safety Handbook

Safety Coordinator Responsibilities

Christine Miller is designated as Scott Lawn Yard, Inc.'s Safety Coordinator. Scott Houck is designated as the Associate Safety Coordinator. The Safety Coordinator is responsible for implementation and compliance with the Safety and Health Policy of Scott Lawn Yard, Inc. and is accountable for results as measured by criteria, such as incident rates.

Other responsibilities include:

1. Resolve questions, approve and/or recommend necessary expenditures to correct unsafe conditions.
2. Make regular shop, warehouse, office and ground-job site tours, and safety inspections to determine if safe work practices are being observed; ensure that unsafe conditions do not exist.
3. Actively participate and follow the safety and health programs.
4. Plan, coordinate, perform, or delegate all safety training and testing given to supervisors and employees. Review results to be sure they are satisfactory. Maintain appropriate records of training and testing.
5. Review disciplinary actions with the employees.
6. Personally perform safety inspections, and review safety inspection reports and unsafe conditions reported by supervisors, employees, or others. Make or obtain corrections as required to maintain a safe workplace and ensure compliance.
7. Conduct regular safety meetings with employees to promote safety awareness and compliance with the Safety and Health Policies.
8. Ensure safety awareness among workers through regular meetings.
9. Ensure compliance with safe work practices and Scott Lawn Yard, Inc. safety rules. Take appropriate disciplinary action to ensure compliance. This includes safe working procedures in flange and fitting machine shop operations, saw shop operations, the warehouse, yard, and office operations.
10. Investigate accidents and assist with completion of accident report forms when required.
11. Review reports of first aid incidents and reportable injuries to determine possible preventative actions. Take immediate corrective actions as required.
12. Ensure that specific programs (i.e. hazard communication, protection from bloodborne pathogens, hearing conservation, forklift safety/operator certification) are implemented and complied with consistently.

Safety Handbook

Client Visits

1. Employees of Scott Lawn Yard, Inc. are required to follow all client safety and security procedures during client visits.
2. If your client host does not advise you regarding safety hazards consider the following:
 - Emergency exit location(s);
 - Keep your eye on the path you are walking and avoid any tripping/slipping hazards. When on stairs maintain three point contact (hand on rail and feet on stairs);
 - When visiting manufacturing or construction sites, eye protection, hearing protection, and hard hats are frequently required. Ideally, this equipment will be in the possession of the Scott Lawn Yard, Inc. employee and not provided by the client.

If you will be touring a factory or construction site, dress appropriately. Wear shoes that support your feet and are slip resistant. Avoid clothing that is either constrictive or too loose; loose clothing be get caught in machinery or other equipment.

Safety Handbook

Reporting Injuries

1. Any work-related injury or suspected injury must be reported immediately to your supervisor and to Human Resources. An Injury Report form must be completed (Please see attached forms on pages 30-33). Failure to promptly report an injury may result in disciplinary action.
2. After each practitioner appointment, the employee must report to his/her supervisor and Human Resources to review his/her progress.
3. When available, Scott Lawn Yard, Inc. will provide light duty work for employees recovering from injury.
4. An accident investigation will be conducted to determine the root cause of the accident. The injured employee will be asked to participate in the investigation.
5. Employees are urged to report hazardous conditions and "near miss" incidents to their supervisors before injuries result.
6. Any attempt to defraud Scott Lawn Yard, Inc. with a false workers' compensation claim will result in disciplinary action. The case can also be referred to the district attorney for possible prosecution.
7. Review losses every six months.

Safety Handbook

Emergency Action Plan

GENERAL EMERGENCY GUIDELINES:

- Stay calm and think through your actions
- Know the emergency numbers:
 - Fire/Police/Ambulance 9-911
 - Internal Emergency Number (if applicable)
 - Human Resources 716-731-6415
- Know where the stairwell exits are located
- In the event of any emergency, do not take elevators, use the stairs
- Do not hesitate to call/alert others if you believe that an emergency is occurring — you will not “get in trouble.”

EMERGENCY EVACUATION

- Employees will be notified of a fire alarm either by the fire alarm system or by a paged announcement.
- Upon becoming aware of a fire alarm, employees should immediately evacuate the building using the closest stairs. Do not delay evacuation to get personal belongings or to wait for co-workers. Also, all doors should be closed as the last person passes through. (Note: never use elevators during fire alarm situations).
- Supervisors should be the last persons to leave the area. Check in conference rooms, lavatories, and offices to be sure that all personnel have evacuated.
- Any employee having a mobility, visual, hearing, or other condition, which may hinder them from becoming aware of an emergency or evacuating, should request special assistance through Human Resources.
- Upon exiting the building, personnel should report to the pre-determined location of the business name sign at the south side of the parking lot for a headcount.
- If any employee is missing, an immediate report should be made to the first available fire department officer.
- Employees should stay together in a group so that periodic updates on the situation can be issued.
- The order to re-occupy the building will be issued by the Safety Coordinator.

Safety Handbook

Emergency Action Plan

EMPLOYEE DISCOVERING A FIRE:

- Alert other persons in the immediate hazard area.
- Activate a fire alarm or page an emergency announcement.
- If you have been trained, you can decide to use a fire extinguisher following these instructions:
 - P=Pull the safety pin
 - A=Aim the nozzle at the base of the fire
 - S=Squeeze the operating lever
 - S=Sweep side to side covering the base of the fire

**When using a fire extinguisher always stay between the fire and an exit; stay low and back away when the fire is extinguished.*

**Never feel that using a fire extinguisher is required. If the fire is too hot, too smoky or you are frightened, evacuate.*

- Have someone notify the fire department.

2. MEDICAL EMERGENCY: (chest pains, loss of consciousness, fall from a height, etc.)

- Upon discovering a medical emergency, call 911.
- Call the operator ("O") and report the nature of the medical emergency and location.
- Stay with the person involved being careful not to come in contact with any bodily fluids, unless properly trained and equipped.
- Send two persons (greeters) to the building entrance to await the fire department. (One person should call and hold an elevator car. Often two fire department units will arrive, so the second greeter should wait at the entrance to receive the second unit while the first greeter escorts the fire dept. personnel to the scene).
- Employees in the immediate vicinity of the emergency, but not directly involved, should leave the area.
- Human Resources will make any necessary notifications to family members of the person suffering the medical emergency.

3. SEVERE WEATHER:

- The receptionist will monitor a weather alert radio. If a severe weather report is issued, she/he will notify all supervisors.
- Employees will shut down office equipment and will be instructed where to go for safety.
- The receptionist will take the weather radio with her/him. When the severe weather warning is cancelled, she/he will send runners to advise that it is safe to return to office areas. A general announcement will also be made.

4. WORKPLACE VIOLENCE:

- Any employee who feels that she/he has been threatened should immediately report their concern to their manager and to Human Resources.
- If any person is observed exhibiting threatening behavior or making threatening statements, the person discovering the situation should warn others in the area and immediately notify Human Resources and stay away from the person exhibiting threatening behavior.
- Depending upon the level of concern, the local police or (911) should be called immediately.
- Never attempt to confront any person exhibiting threatening behavior.

**If you have reason to believe that events in your personal life could result in acts of violence occurring at work, you are urged to confidentially discuss the issue with Human Resources so that a prevention plan can be developed.*

Safety Handbook

Fire Prevention Plan & Electrical Safety

1. Smoking is not allowed in any interior area of the building. Smoking is only allowed in designated exterior smoking areas.
2. No candles or open flames are allowed within the facility.
3. Hot work: contractors performing hot work (welding, grinding, flame cutting, brazing, soldering, etc.) must contact Scott Houck for approval prior to the start of the work.
4. Only space heaters provided by the company are approved for use within the facility. Employees using space heaters are responsible to turn the heater off when leaving their desk for extended periods of time (lunch, end of the workday, etc.).
5. No flammable chemicals are allowed inside the building at any time. If you feel that there is a work-related need to use a flammable chemical, contact Human Resources for guidance.
6. Electrical safety:
 - With the exception of independently fused multi-tap cords for computers, extension cords are not allowed.
 - Keep electric cords out of areas where they will be damaged by stepping on/kicking them.
 - Turn electrical appliances off with the switch, not by pulling out the plug.
 - Turn all appliances off before leaving for the day.
 - Radios/tape/CD players and PDAs are the only personal electrical devices allowed to be used in offices/cubes. These devices must be in good repair. Scott Lawn Yard, Inc. reserves the right to instruct you to remove personal electrical devices at any time.
 - Never run cords under rugs or other floor coverings.
 - Any electrical problems should be reported immediately.
7. The following areas must remain clear and unobstructed at all times:
 - Exit doors,
 - Aisles,
 - Electrical panels, and
 - Fire extinguishers.

Safety Handbook

Return to Work Program

It is our goal to prevent work-related injuries from happening. We are always concerned when one of our employees is injured or ill due to a work-related condition. We believe that such absences cost both Scott Lawn Yard, Inc. and its employees. We want our injured employees to get the best possible medical treatment immediately to assure the earliest possible recovery and return to work.

Scott Lawn Yard, Inc. has a workers' compensation program available for employees who have suffered work-related injuries. The program's administrator will determine, based upon their guidelines, whether you are eligible for wage loss or medical expenses under that program.

EMPLOYEE PROCEDURES

- All work-related injuries should always be reported immediately to your supervisor no later than the end of the shift on which the injury occurs.
- If a **post-accident drug screen** is not performed the **same day** as the injury, the employee will only be paid up to one hour while taking time out to have the drug screen sample collected.
- You must complete and sign an Injury Report.
- When medical treatment is sought, the injured employee must advise their supervisor that they are seeking treatment. Regardless of their choice of physicians, a medical doctor's note must be provided. Scott Lawn Yard, Inc. will not accept a general note stating that you are only to be off of work.
- If you are unable to return to your regular job, but are capable of performing transitional duty, you must return to transitional duty if work is available. Failure to do so will result in your not being eligible for full disability benefits under the workers' compensation program, and may result in disqualification for certain employee benefits and, in some cases, be a basis for termination.
- Employees who are unable to work and whose absences Scott Lawn Yard, Inc. approves must keep us informed on a weekly basis of their status. Failure to do so will result in a reduction in benefits available and discipline, up to and including termination from employment.
- If you are unable to return to your regular job or transitional duty, your absence must be approved under the Family Medical Leave Act (FMLA) program. For this purpose, you need to complete a Family Medical Leave Request form and submit it to the Human Resources Department. You must also have your practitioner complete both the Transitional Duty Evaluation and Medical Certification form.
- Employees who are not eligible for leave under FMLA must return to transitional duty or regular work if at all possible. If you are unable to return to any available work, your job position may be filled after a reasonable time. When able to do so, you will be entitled to return to a suitable position, if available and consistent with any limitations. However, you must keep us regularly informed of your status and any changes in your condition.
- Employees must provide a Transitional Duty Evaluation form indicating they are capable of returning to full-duty. Permanent restrictions will be evaluated on a case-by-case basis and relate to the performance of essential job functions. No permanent light duty positions will be created.
- Cooperate with our third-party administrator and provide accurate and complete information as soon as possible so that you receive all benefits to which you are entitled. If you have problems or concerns, please contact the Human Resources Department.

Safety Handbook

Hazard Communication

1. All Scott Lawn Yard, Inc. employees have a right to know what chemicals they work with, what the hazards are, and how to handle them safely.
2. Safety Data Sheets (SDS) are documents provided by the supplier of a chemical. SDS detail the chemical contents, associated hazards, and general safe handling guidelines. At Scott Lawn Yard, Inc., the SDS collection is located at 3305 Haseley Dr., Niagara Falls, NY. Employees are free to utilize the SDS as needed.
3. General rules for handling chemicals in an office environment are:
 - Read all label warnings and instructions.
 - When changing toner cartridges, consult with an experienced employee if you are unsure how to proceed.
 - Follow instructions for quantity. More is not better.
 - Minimize contact with chemicals. Use double layer cloths or gloves to protect your skin and keep your face clear of the area to reduce inhalation.
 - Always wash your hands after handling chemicals.
 - If a chemical enters your eye(s) immediately hold open the injured eye(s) and rinse it/them with clean, cool water for 15 minutes. Then be sure to report the injury immediately.
 - Any questions or concerns regarding chemicals should be reported to Human Resources.

Safety Handbook

Office Safety & Security

Office Safety:

1. Never leave file drawers open, or open multiple file drawers at once.
2. Do not stack heavy or bulky objects on top of cabinets.
3. Do not store frequently used objects above shoulder height or below knee height.
4. Never reach into office machines without turning them off and unplugging them if possible.
5. Keep your work area free of trip hazards such as storage in walkways, cords across aisles, and damaged floor coverings.
6. Inspect step stools/ladders before use. Be sure to keep a stationary object in front of you when using a step stool to provide stability.
7. Never use defective or broken equipment. Report these problems to your supervisor.

Security:

1. Always be aware of your surroundings. Keep your head up and hands out of your pockets while walking to and from your car.
2. Immediately report any suspicious activity or persons to [insert name]. And immediately report any theft to [insert name].
3. When parking, remove all valuables from sight and lock car doors.
4. Do not enter an elevator car if you are concerned about other riders; instead, wait for the next car.
5. Keep all valuables (money, purse, jewelry, etc.) out of sight when at your desk. Do not bring large sums of money or other valuables into the building.
6. Secure laptop computers, PDAs, and other small electronic devices before leaving your workspace for extended periods of time (lunch, meetings, etc.).
7. If you are working alone and are in the office before or after regular business hours, on weekends, or holidays, observe these additional guidelines:
 - Be sure doors close and lock after you.
 - Turn on lights as you move through the building.
 - Always be aware of the closest telephone (do not hesitate to call 911 if you feel threatened).
 - Be sure that someone at home knows that you are at work and is expecting you to check in by a specified time.
 - As you leave the office, be sure to turn off all equipment, lights, etc., after use.
8. Weapons, including firearms, knives with blades longer than two inches, bow/arrow, pepper spray (mace, tear gas), and clubs, are not allowed on Scott Lawn Yard, Inc. property.

Safety Handbook

Considerations Following a Serious Construction Accident

Any work-related accident resulting in serious injury or the death of an employee presents significant emotional challenges for management. Following are some guidelines, which may reduce the effects on fellow employees and minimize the impact from regulators, such as OSHA.

1. Be prepared to talk to local police officials, district attorney investigators, coroners, and OSHA compliance officers. Be aware that police and district attorneys can conduct criminal investigations. Be truthful but do not speculate or offer unsolicited opinions, information, or theories. Also be prepared for contacts from local news media. Consult with legal advisors if in doubt. (Operate under the assumption that OSHA will investigate. Take steps to be sure that your entire facility is as prepared as possible).
2. Fatalities and incidents resulting in three or more employees receiving inpatient hospitalization must be reported within 8 hours to the closest OSHA area office. If after hours, the incident can be reported to OSHA at: 1-800-321-6742.
3. Have a representative of your company contact the employee's next of kin to inform her/him of the circumstances. If possible, this contact should be made in person. Offer to provide transportation and/or other support. (For example, providing a Scott Lawn Yard, Inc. representative at the hospital will convey the company's concern).
4. Get all witnesses names. If some witnesses are not employees, be sure to get full addresses and phone numbers.
5. Render safe any hazards created by the accident scene. (i.e. material that may fall, leaking chemicals, etc.). Rope off or otherwise isolate the accident scene early on to prevent it from becoming a "tourist attraction."
6. Conduct an initial investigation. If equipment and/or duties directly involved in the accident are duplicated elsewhere in the company, take immediate steps to assure that there will be no re-occurrence of the accident.
7. Take pictures to document the scene. Note anything that may help you identify specific equipment involved such as serial numbers, license plate numbers, etc.
8. Follow Scott Lawn Yard, Inc.'s procedure for bloodborne pathogens in cleaning any bodily fluid spills.
9. Consider meeting with employees in small groups to discuss, in general terms:
 - a) The serious accident that occurred.
 - b) That all the necessary steps were taken to care for the person involved.
 - c) That an accident investigation is being performed.
 - d) That all employees will be kept informed.
 - e) The availability of the Employee Assistance Program (EAP) (if applicable).
 - f) Provide encouragement and request that employees work safely.
10. Request your supervisors be alert for employees who may not be paying full attention to their jobs and thereby jeopardizing their own safety. During these discussions, do not discuss fault, discipline, opinions, etc.
11. If your company has a physician on contract, have him/her follow the case.

Safety Handbook

Bloodborne Pathogens

1. Blood and other bodily fluids can carry pathogens, which are capable of causing diseases in others. This includes HIV, which leads to AIDS and hepatitis.
2. Because we cannot tell by looking at a person if they are infected with a pathogenic disease, we must take precautions following an illness or injury when bodily fluids are released.
3. In the event of a person losing bodily fluids, stay away from the area and warn others to also do so. You can still stay close to the ill/injured person to support him/her, just be sure to stay out of contact any bodily fluids.
4. In the event that you find spilled bodily fluids, a syringe, or other medically contaminated materials, do not attempt clean up by yourself. Call Human Resources immediately for instructions.

Safety Handbook

Sexual Harassment Policy

Scott Lawn Yard, Inc. does not tolerate harassment of our job applicants, employees, clients, guests, vendors, customers, or persons doing business with Scott Lawn Yard, Inc.. Any form of harassment related to an employee's race, color, sex, religion, national origin, age, citizenship status, veteran status, or handicap is a violation of this policy and will be treated as a disciplinary matter. For these purposes, the term harassment includes, but is not limited to, slurs, jokes, or other verbal, graphic, or physical conduct relating to an individual's race, color, sex, religion, or national origin; sexual advances; requests for sexual favors and other verbal, graphic, or physical conduct of a sexual nature.

Violation of this policy by an employee shall subject that employee to disciplinary action, up to and including immediate discharge.

Sexual harassment, one type of prohibited harassment, has been defined according to Scott Lawn Yard, Inc.'s guidelines as:

- Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:
- Submission to such conduct is made a term or condition, either explicitly or implicitly, of an individual's employment;
- Submission to or rejection of such conduct by an individual is used as a factor in decisions affecting that individual's employment; or
- *Such conduct has the purpose or effect of substantially interfering with an individual's work performance or creates an intimidating, hostile, or offensive working environment.*

Examples of conduct prohibited by this policy include but are not limited to:

- Unwelcome sexual flirtation, advances, or propositions;
- Verbal comments related to an individual's age, race, gender, color, religion, national origin, disability, or sexual orientation;
- Explicit or degrading verbal comments about another individual or his/her appearance;
- The display of sexually suggestive pictures or objects in any workplace location including transmission or display via computer;
- Any sexually offensive or abusive physical conduct;
- The taking of or the refusal to take any personnel action based on an employee's submission to or referral of sexual overtures; and
- Displaying cartoons or telling jokes that relate to an individual's age, race, gender, color, religion, national origin, disability, or sexual orientation.

Harassment of our employees in connection with their work by non-employees may also be a violation of this policy. Any employee who becomes aware of any harassment of an employee by a non-employee should report such harassment to his or her supervisor. Appropriate action will be taken with respect to violation of this policy by any non-employee.

If you believe that you are being subjected to workplace harassment, you should:

1. Tell the harasser that his or her actions are not welcome and they must stop, if you feel comfortable enough to do so.
2. Report the incident immediately to your supervisor/manager, the site Human Resources representative, or the Employee Relations Department.
3. Report any additional incidents that may occur to one of the above resources.

Any reported incident will be investigated. Complaints and actions taken to resolve complaints will be handled as confidentially as possible, given Scott Lawn Yard, Inc.'s obligation to investigate and act upon reports of such harassment.

Retaliation of any kind against an employee who reports a suspected incident of sexual harassment is prohibited. An employee who violates this policy or retaliates against an employee in any way will be subject to disciplinary action up to and including termination.

Please see the next (4) pages for forms used to report an injury or automobile accident.



Accident Report Form

Surname / Family Name

First Name

Day and Date of incident
Day Date

Time of incident Time Shift Commenced

Usual employment location

Location of incident
Site name or Unique reference numberExact Location of accident
Example - Near main entrance, Storeroom, in car park, Behind workshop, etc.What was the injury or incident
Give Full Details - eg: Cut on little finger on left hand, slip on wet floor, etcHow did the incident happen? What were you doing when the incident occurred?
(Describe in detail what caused the incident. Attach additional information if necessary)

.....

.....

.....

What protective equipment was being used or worn at the time of the accident?

.....

.....

Describe any medical treatment or follow up action required after the Incident?

.....

.....

Was anyone else involved in the incident? If yes, please provide details.

.....

.....

Consequence Of Incident

Injury

- ☐ Fatality
- ☐ Lost Time
(Not available for normal work the day after an injury)
- ☐ Medical Treatment
- ☐ First Aid
- ☐ No Injury

Person Affected

- ☐ Customer
- ☐ Employee
- ☐ Contractor

Property Damage (Estimation only required)

- ☐ Building: \$.....
- ☐ Tools: \$.....
- ☐ Plant: \$.....
- ☐ Other: \$.....

Witness's names and contact number (attach witness statements if available)

Name	Contact Details

To whom was the accident reported?

When was the accident reported?

In your opinion, what action if any, could be taken to prevent a recurrence of the incident ?

.....

Was an ambulance called ? ☐ No ☐ Yes→ Incident No:

Where the police called ? ☐ No ☐ Yes→ Incident No:

Was Trauma Counselling Offered ? ☐ No ☐ Yes→ Date Contacted:

Was Medical treatment Sought ? ☐ No ☐ Yes→ Location:

Date & Time

.....
 Employee Name

.....
 Signature

.....
 Date

SUPERVISORS USE ONLY

To whom was the accident reported?

Date and time accident reported?

Supervisors Comments & Initial Investigation Notes:

.....

Supervisors Follow Up Action Required:

.....

Target date for follow up action:

Follow up action to be performed by whom?:

Will the injured employee be off work for more than 7 calendar days? ☐ Yes ☐ No

Have all possible actions been taken to prevent a re-occurrence? ☐ Yes ☐ No

.....
 Supervisors Signature & Name

.....
 Date Signed

Important Notes: Requirements for reporting incidents vary between states. You should be aware that you may be required to report this incident to your Workers Compensation insurer within 48 hours. In addition you may be required to report this incident to the Workcover Authority. You must keep this incident report for the period of time specified by the Workcover authority in your state. Please visit our website for links to the Workcover Authority in your state.

Auto Accident Report Form

Keep In Your Glove Box

When an accident occurs:

First Steps	Do Not Say	While Still At the Scene
<ul style="list-style-type: none"> • Remain calm • Get to a safe place • Check for injuries • Administer First Aid • Call police/EMT 	<ul style="list-style-type: none"> • It's all my fault, (even if it is). • My insurance will pay for everything. • It's OK, I have full coverage. 	<ul style="list-style-type: none"> • Get as much information as possible on this report. • Take Pictures • When the police come, cooperate and tell them what you know.

Accident Details

Day/Date/Time AM/PM	
Weather/Road Conditions	
Location of Accident	
Accident Details	

Damage Descriptions

Your Vehicle	Other Vehicle
Towing Company Name & Phone	Towing Company Name & Phone

Other Driver/Vehicle Information

Owner's Name:	
Owner's Address:	
Owner's Phone:	
Vehicle Make:	
Vehicle Model & Year:	
Vehicle Color:	
License Plate Number	
Insurance Company:	
Agent Name & Phone:	
Other Drivers Name:	
Other Drivers Address:	
Other Drivers Phone:	

Passengers/Injuries:

Your Vehicle	Other Vehicle
# Passengers:	# Passengers:

Police Information

Officer Name:	
Department:	
Phone:	
Badge Number:	
Other Info:	

Witness Information

Name:		Name:	
Address:		Address:	
Home Phone:		Home Phone:	
Work Phone:		Work Phone:	

Sketch The Accident Scene:

--

Please detach, sign and return the next (2) pages to your Supervisor or the Scott Lawn Yard, Inc. office.

You may keep the Safety Handbook for future use and reference.

Safety Handbook

Vehicle Use Policy

To: All drivers of Scott Lawn Yard, Inc.
Effective: December 06, 2005

- This policy applies to:
 - Vehicles owned, leased, or rented to Scott Lawn Yard, Inc.
 - Personally owned vehicles driven by employees on behalf of Scott Lawn Yard, Inc.

The following policy has been established to encourage safe operation of vehicles, and to clarify insurance issues relating to drivers and Scott Lawn Yard, Inc.

- All drivers must have a valid driver's license.
- Motor Vehicle Records will be checked periodically. Driving privileges may be suspended or terminated if your record indicates an unacceptable number of accidents or violations. Should your record fall into our insurance carrier's guidelines of an, 'unacceptable driver,' our employment may be terminated.
- Your supervisor must be notified of any change in your license status or driving record.

When operating your own vehicle for Scott Lawn Yard, Inc. business:

- Your Personal Auto Liability insurance is the primary payer. Scott Lawn Yard, Inc.'s insurance is in excess of your coverage.
- You should carry at least \$300,000 per occurrence liability coverage. Evidence of insurance coverage is to be provided to either Scott Lawn Yard, Inc. each year, by a copy of your policy's Declaration page or a Certificate of Insurance.
- Scott Lawn Yard, Inc. is not responsible for any physical damage to your vehicle. You must carry your own collision and comprehensive coverage.

In the event of an accident:

- Take necessary steps to protect the lives of yourself and others.
- Comply with police instructions.
- Do not assume or admit fault. Others will determine liability and negligence after thorough investigation.
- Report the accident to Scott Lawn Yard, Inc. as soon as possible.

By signing this document you are agreeing that you have read and understood the Vehicle Use policy, and will comply.

Employee's Signature

Date

Safety Handbook

Employee Acknowledgement Form

Scott Lawn Yard, Inc. is firmly committed to your safety. We will do everything possible to prevent workplace accidents and are committed to providing a safe working environment for you and all employees.

We value you not only as an employee but also as a human being critical to the success of your family, the local community, and Scott Lawn Yard, Inc.

You are encouraged to report any unsafe work practices or safety hazards encountered on the job. All accidents/incidents (no matter how slight) are to be immediately reported to the supervisor on duty.

A key factor in implementing this policy will be the strict compliance to all applicable federal, state, local, and Scott Lawn Yard, Inc. policies and procedures. Failure to comply with these policies may result in disciplinary actions.

Respecting this, Scott Lawn Yard, Inc. will make every reasonable effort to provide a safe and healthful workplace that is free from any recognized or known potential hazards. Additionally, Scott Lawn Yard, Inc. subscribes to these principles:

1. All accidents are preventable through implementation of effective Safety and Health Control policies and programs.
2. Safety and Health controls are a major part of our work every day.
3. Accident prevention is good business. It minimizes human suffering, promotes better working conditions for everyone, holds Scott Lawn Yard in higher regard with customers, and increases productivity. This is assuring Scott Lawn Yard, Inc. will comply with all safety and health regulations which apply to the course and scope of operations.
4. Management is responsible for providing the safest possible workplace for Employees. Consequently, management of Scott Lawn Yard, Inc. is committed to allocating and providing all of the resources needed to promote and effectively implement this safety policy.
5. Employees are responsible for following safe work practices, company rules, and for preventing accidents and injuries. Management will establish lines of communication to solicit and receive comments, information, suggestions, and assistance from employees where safety and health are concerned.
6. Management and supervisors of Scott Lawn Yard will set an exemplary example with good attitudes and strong commitment to safety and health in the workplace. Toward this end, management must monitor the company's safety and health performance, working environment, and conditions to ensure that program objectives are achieved.
7. Our safety program applies to all employees and persons affected or associated in any way by the scope of this business. Everyone's goal must be to constantly improve safety awareness and to prevent accidents and injuries.

Everyone at Scott Lawn Yard, Inc. must be involved and committed to safety. This must be a team effort. Together, we can prevent accidents and injuries and keep each other safe and healthy in the work that provides our livelihood.

By signing this document, I confirm the receipt of Scott Lawn Yard, Inc.'s Safety Handbook. I have read and understood all policies, programs, and actions as described, and agree to comply with these set policies.

Employee Signature

Date



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 10 sieve?

Does it contain less than 10%, by weight, material that would pass a size 100 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

10/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
Bioretention Soil

Dear Mr. Falank

This is to certify that the Bioretention Soil Mix proposed for use on the above project conforms to the requirements of the NYSDOT item 208.0103 and the project specifications. The blended material will contain 75% NYSDOT item 703-07 Concrete Sand, 25% NYSDOT item 713.01 Topsoil. The blend will be amended with 5% Peat Moss to increase the organic content to acceptable levels.

The blended material will be supplied from our NYSDOT approved Collins plant, which is NYSDOT approved sand source 5-81F and approved topsoil stockpile Gernatt 21-01. The feed source to produce the Bioretention Soil is both a NYSDOT and NYSDEC approved source. NYSDOT source 5-81F, DEC Mine ID 90089 and DEC permit # 9043-30-0089.

Bioretention Soil

Sieve Size	Percent Passing	Specification
3/8	100	100
#4	97	90-100
#8	82	75-100
#16	66	50-85
#30	49	25-60
#50	23	10-30
#80	8.9	-
#100	4.3	2-10
#200	3.4	2-5
Organic Matter 4.45%	pH - 7.2	

Sincerely,
Gernatt Asphalt Products, Inc.

David M. Gier
Inside Sales Representative



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

10/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
Planting Soil Mix - 32113-7 2.7 A & B **REVISED**

Dear Dylan

This is to certify that the Planting Soil Mix Soil Mix proposed for use on the above listed project conforms to the requirements of the Project specifications. The Planting Soil Mix will be homogeneously blended at our Collins Plant located on Taylor Hollow Road, Collins, NY.

The materials used to blend the Planting Soil Mix are all single sourced materials thus the feed source has not changed since the Cornell testing was completed.

Please find the attached Cornell Soil Health Lab Comprehensive Assessment of Soil Health Report Planting Soil Mix for your review.

Sieve Size	Percent Passing	Specification
------------	-----------------	---------------

Sincerely,

Gernatt Asphalt Products, Inc.

A handwritten signature in black ink, appearing to read "David M. Gier".

David M. Gier

Inside Sales Representative



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

11/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
Sand For Soil Mixes - 329113-6 2.3A

Dear Mr. Falank

This is to certify that the Concrete sand supplied to the above project conforms to the requirements of ASTM C-33 Aggregate for Concrete.

The sand will be supplied from our NYSDOT approved Collins plant which is NYSDOT Approved Source #5-8F1.

A typical mechanical analysis of the proposed material follows:

Concrete Sand - ASTM C-33 Aggregate for Concrete - Collins Plant

Sieve Size	Percent Passing	Specification
3/8	100	100
#4	100	95-100
#8	86	80-100
#16	69	50-85
#30	49	25-60
#50	19	10-30
#100	4.3	1-10
#200	1.3	0-3

Sincerely,
Gernatt Asphalt Products, Inc.

David M. Gier
Inside Sales Representative



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

10/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
Turf Soil Mix - 32113-7 2.6 A & B

Dear Mr. Falank

This is to certify that the Turf Soil Mix proposed for use on the above listed project conforms to the requirements of the Project specifications. The Turf Soil Mix will be homogeneously blended at our Collins Plant located on Taylor Hollow Road, Collins, NY.

Please find the attached Cornell Soil Health Lab Comprehensive Assessment of Soil Health Report Turf Soil Mix for your review.

Sieve Size	Percent Passing	Specification
------------	-----------------	---------------

Sincerely,

Gernatt Asphalt Products, Inc.

David M. Gier

Inside Sales Representative



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

10/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
General Fill / Clean Fill - 312000-7 2.1 B

Dear Falank

This is to certify that -3/4" Screened Gravel proposed for use on the above project will be supplied in conformance with NYSDOT and the project specifications. The 3/4" Screened Gravel will be supplied out of our NYSDOT approved Middle Road pit which is a virgin sand and gravel deposit with both NYSDOT and NYSDEC material source approvals. NYSDOT Source # 2997, NYSDEC Mine ID # -90369, NYSDEC Permit # 9043-30-0369 .

A typical mechanical analysis of the proposed material follows:

-3/4 " Screened Gravel – Middle Road

Sieve Size	Percent Passing	Specification
3/4"	100	
1/2"	100	
1/4"	94	
#40	26	
#80	18	
#200	14	

Sincerely,
Gernatt Asphalt Products, Inc.

A handwritten signature in black ink, appearing to read "David M. Gier", with a stylized flourish at the end.

David M. Gier
Inside Sales Representative



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm

County Line STONE Co., Inc.

CRITTENDEN ROAD, P.O. BOX 150, AKRON, NEW YORK 14001

PHONE 716-542-5435

FAX 716-542-5442

ALL SIZES OF CRUSHED STONE

BITUMINOUS CONCRETE

AGRICULTURAL LIME

December 28, 2021

To whom it may concern,

This letter is to serve as notice that all of the aggregate produced and sold by County Line Stone Company in Akron, NY is free from any known contaminants or additives. Our Aggregate is produced by crushing the mineable virgin limestone from our Akron, NY Quarry. Water may be added to the product for dust control.

Regards,



Eric Lukowski, Quality Control Manager



PERMIT
Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:

COUNTY LINE STONE CO INC
4515 CRITTENDEN RD
PO Box 150
AKRON, NY 14001-0150
(716) 542-5435

Facility:

COUNTY LINE STONE - AKRON QUARRY
COUNTY LINE RD SOUTH OF SCHURR RD
AKRON, NY 14001

Facility Location: in NEWSTEAD in ERIE COUNTY

Facility Principal Reference Point: NYTM-E: 217 NYTM-N: 4763.4

Latitude: 42°58'14.3" Longitude: 78°28'12.8"

Authorized Activity: This permit authorizes mining of a limestone quarry from a 366.5 acre permit term area within a 387 acre Life of Mine facility. Material extraction includes the use of blasting with onsite processing. The proposed project will impact approximately 11.2 acres of State Regulated Freshwater Wetland CR-29, and regulated 100 foot wide adjacent area of State Regulated Wetlands CR-29 and CR-30 (both Class 3), which are located to the east of Crittenden Road and south of the New York State Thruway I-90. As part of the wetland mitigation plan, a depleted sand and gravel pit, formerly operated by Pine Hill Materials Corp., and located northeast of the intersection of Siehl and Crittenden Roads, will be developed into a State regulated 13.98 acre created wetland within 35 acres of protected upland at that location. Under the wetland mitigation plan, there will also be 9 acres of wetland enhancement and 168 acres of wetland protection. At reclamation, the mine will be reclaimed to two connected lakes totaling about 305 acres.

Permit Authorizations

Mined Land Reclamation - Under Article 23, Title 27

Permit ID 9-1456-00004/00013

(Mined Land ID 90093)

Renewal

Effective Date: 7/5/2018

Expiration Date: 7/4/2023

Freshwater Wetlands - Under Article 24

Permit ID 9-1456-00004/00017

Renewal

Effective Date: 7/5/2018

Expiration Date: 7/4/2023

Water Quality Certification - Under Section 401 - Clean Water Act

Permit ID 9-1456-00004/00016

Renewal

Effective Date: 7/5/2018

Expiration Date: 7/4/2023



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



13870 Taylor Hollow Rd, Collins, New York, 14034 - 716-532-3371 - Fax 716-532-9000

11/11/2022

SCOTT LAWN YARD
3305 HASELEY DRIVE
NIAGARA FALLS NY 14304

Via EMail: dfalank@scottlawnyard.com

ATTENTION: Dylan Falank

RE: Material Submittal Buffalo Harbor Bell Slip Phase 2
Sand For Soil Mixes - 329113-6 2.3A

Dear Mr. Falank

This is to certify that the Concrete sand supplied to the above project conforms to the requirements of ASTM C-33 Aggregate for Concrete.

The sand will be supplied from our NYSDOT approved Collins plant which is NYSDOT Approved Source #5-8F1.

A typical mechanical analysis of the proposed material follows:

Concrete Sand - ASTM C-33 Aggregate for Concrete - Collins Plant

Sieve Size	Percent Passing	Specification
3/8	100	100
#4	100	95-100
#8	86	80-100
#16	69	50-85
#30	49	25-60
#50	19	10-30
#100	4.3	1-10
#200	1.3	0-3

Sincerely,
Gernatt Asphalt Products, Inc.

David M. Gier
Inside Sales Representative



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

February 28, 2023

Dylan Falank

Scott Lawn Yard, Inc.

3305 Haseley Dr.

Niagara Falls, NY 14304

Re: Bell Slip Improvements

Dear Dylan,

The 2" Crusher Run, #1 blend, #1 crushed stone, Limestone Screenings and Light Stone Fill to be supplied to the above referenced project was extracted and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3R and our mining permit # is 90018.

The Type 2 Underdrain to be supplied to the above referenced project was extracted and screened at our Franklinville, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3G and our mining permit # is 90049.

Sincerely,

Robert Warrington



2727 Broadway St., Suite 2
Cheektowaga, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)

www.cmeassociates.com

Page 1 of 3

LAB REPORT SUMMARY

PROJECT: NESL Source Pre-Qual 2021

REPORT NO.: 17330L-05

CLIENT: NESL

REPRESENTATIVE: Austin Glasier

DATE: 04/29/2022

This CME Associates, Inc representative performed a sieve analysis and moisture density test (Modified Proctor) on a 2" R.O.C. sample delivered to CME's Buffalo laboratory on 04/13/2022. Tests were performed according to ASTM standards C136, C117, and D1557.

The following table distinguishes your sample from some common NYSDOT items:

Sample No.: BL3134
Location: Source #5-3R

MECHANICAL ANALYSIS (ASTM C136, C117)

Sieve Size	Percent Passing by Weight Sample BL3134	Item 304.12 Subbase Type II	Item 203.07 Select Granular Fill	Item 203.25 Sand Backfill	Item 605.0901 Underdrain Filter Type 1
4"	100		100		
2"	100	100			
1"	94				100
3/4"	86				
1/2"	68			100	30-100
3/8"	58				
1/4"	46	25-60		90-100	0-30
No. 4	40				
No. 10	23				0-10
No. 40	10	5-40	0-70		
No. 80	8				
No. 200	6	0-10	0-15	0-5	0-5

CLASSIFICATION

Gray cmf Gravel; some cmf Sand; trace Silt/Clay

LABORATORY MOISTURE-DENSITY RELATIONSHIP (ASTM D1557)

Corrected Maximum Dry Density	=	143.1	Pcf
Corrected Optimum Moisture Content	=	5.5	%

It is recommended the engineer of record review and comment on the use of this material. Please see attached documents for lab test results.

Feel free to contact this office should you have any questions.

A New York State Certified Woman Owned Business Enterprise (WBE)



2727 Broadway Ave, Suite #2
Buffalo, New York 14227
(716) 877-9577
(716) 877-9629 (Fax)
www.cmeassociates.com

LABORATORY TEST SUMMARY

NESL
NESL Source Pre-Qual 2021
CME Report Number: 17330L-05
4/29/2022
Page 2 of 3

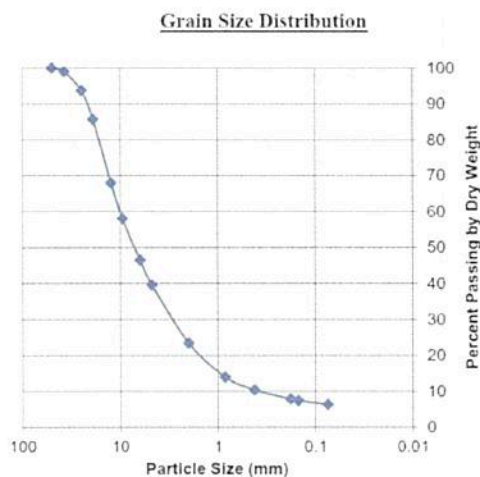
The CME Associates Representative obtained a sample at the above referenced project. The sample was delivered to CME's Buffalo facility, an AASHTO¹ accredited laboratory, for a Particle Size Analysis and a Moisture Density Relationship determination. The results are as follow:

1) Material Identification

Sample #	Date Sampled	Classification	Source
BL3134	04/13/22	Gray cmf Gravel; some cmf Sand; trace Silt/Clay	Source #5-3R

2) Particle Size Analysis ASTM D422

Sieve Size	Sieve Size (mm)	% Passing by Dry Weight Sample # BL3134
2"	50	100
1-1/2"	37.5	99
1"	25	94
3/4"	19	86
1/2"	12.5	68
3/8"	9.50	58
1/4"	6.25	46
#4	4.75	40
#10	2.00	23
#20	0.850	14
#40	0.425	10
#80	0.180	8
#100	0.150	7
#200	0.075	6



Note: Proposed use of material not provided.

3) Moisture-Density Relationship (ASTM D-1557: Modified Proctor)

	Sample # BL3134
Corrected Maximum Dry Density (pcf)	= 143.1
Corrected Optimum Moisture Content (%)	= 5.5
Oversized Particles, Percent by Weight (%)	= 14 *

* Particles retained on 3/4-inch sieve

¹AASHTO - American Association of State Highway & Transportation Officials (AASHTO) Materials Reference Laboratory. CME Buffalo accreditation includes tests of Portland Cement Concrete, Aggregate and Soil Materials. www.aashtoresource.org

LABORATORY TEST SUMMARY

NESL

NESL Source Pre-Qual 2021

CME Report Number: 17330L-05

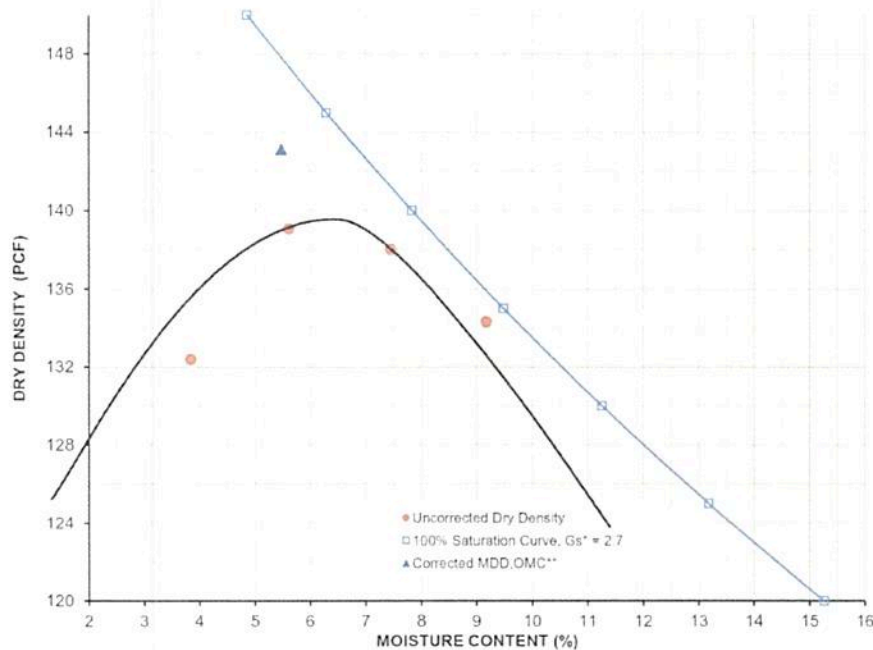
Page 3 of 3



SAMPLE LOCATION:	Source #5-3R	DATE SAMPLED:	4/13/22
SOIL CLASSIFICATION:	Gray cmf Gravel; some cmf Sand; trace Silt/Clay	SAMPLE NO.:	BL3134

Moisture - Density Relationship Curve

Particle Size Analysis ASTM D422



Sieve Size	% Passing
2"	100
1-1/2"	99
1"	94
3/4"	86
1/2"	68
3/8"	58
1/4"	46
No.4	40
No.10	23
No.20	14
No.40	10
No.80	8
No.100	7
No.200	6

Test Procedure Information

Test Method
Procedure Used
Preparation Method
Description of Rammer

- ☒ ASTM D-1557 (Modified) ☐ ASTM D-698 (Standard)
☐ A ☐ B ☒ C
☐ Dry ☒ Moist
☒ Manual ☐ Mechanical

Test Results

Corrected MDD (PCF) = 143.1
Corrected OMC (%) = 5.5

Oversize Fraction by Dry Weight

14 % Retained on ☐ No.4 Sieve ☐ 3/8" Sieve ☒ 3/4" Sieve

* Specific Gravity, estimated

** MDD = Maximum Dry Density, OMC = Optimum Moisture Content

Please feel free to contact our office if you have any questions.

Austin Glasier
Laboratory Technician



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

February 28, 2023

Dylan Falank

Scott Lawn Yard, Inc.

3305 Haseley Dr.

Niagara Falls, NY 14304

Re: Bell Slip Improvements

Dear Dylan,

The 2" Crusher Run, #1 blend, #1 crushed stone, Limestone Screenings and Light Stone Fill to be supplied to the above referenced project was extracted and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3R and our mining permit # is 90018.

The Type 2 Underdrain to be supplied to the above referenced project was extracted and screened at our Franklinville, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3G and our mining permit # is 90049.

Sincerely,

Robert Warrington

Gradation Sheet

Wehrle Dr. New Enterprise Stone & Lime

Sample of	1's	Date	8/2/22	Time
From Pt. 23		mill		

Sieve	Sieve	Weight	%	%	Spec.	
Size	Size	Retained	Retained	Passing		
90mm	3-1/2"		0.0	100.0		
75mm	3"		0.0	100.0		
63mm	2-1/2"		0.0	100.0		
50mm	2"		0.0	100.0		
37.5mm	1-1/2"		0.0	100.0		Wash Loss:
25.0mm	1"		0.0	100.0	100	
19.0mm	3/4"		0.0			Before: 0.0
12.5mm	1/2"	0.95	5.6	94.4	90/100	After: 0.0
9.5mm	3/8"	6.00	35.3	59.1		Loss: 0.0
6.3mm	1/4"	8.85	52.1	7.1	0/15	#DIV/0! %
4.75mm	4	0.95	5.6	1.5		
3.2mm	1/8"	0.15	0.9	0.6		
2.36mm	8		0.0			
2.0mm	10		0.0			
1.4mm	14		0.0			
1.18mm	16		0.0			
850µm	20		0.0			
600µm	30		0.0			
425µm	40		0.0			
300µm	50		0.0			
180µm	80	0.05	0.3	0.3		
150µm	100		0.0			
75µm	200		0.0			
	Pan	0.05	0.3	0.0		
	Total	17.00	100			



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

February 28, 2023

Dylan Falank

Scott Lawn Yard, Inc.

3305 Haseley Dr.

Niagara Falls, NY 14304

Re: Bell Slip Improvements

Dear Dylan,

The 2" Crusher Run, #1 blend, #1 crushed stone, Limestone Screenings and Light Stone Fill to be supplied to the above referenced project was extracted and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3R and our mining permit # is 90018.

The Type 2 Underdrain to be supplied to the above referenced project was extracted and screened at our Franklinville, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3G and our mining permit # is 90049.

Sincerely,

Robert Warrington

Gradation Sheet

New Enterprise Stone & Lime

		Sample of		Date	2/28/23		
		Screenings					
		Wehrle					

Sieve	Sieve	Weight	%	%	Spec.
Size	Size	Retained	Retained	Passing	
90mm	3-1/2"		0.0	100.0	
75mm	3"		0.0	100.0	
63mm	2-1/2"		0.0	100.0	
50mm	2"		0.0	100.0	
37.5mm	1-1/2"		0.0	100.0	
25.0mm	1"		0.0	100.0	
19.0mm	3/4"		0.0	100.0	
12.5mm	1/2"		0.0	100.0	
9.5mm	3/8"		0.0	100.0	
6.3mm	1/4"		0.0	100.0	
4.75mm	4	1.10	0.2	99.8	
3.2mm	1/8"		0.0	99.8	
2.36mm	8	70.80	15.2	84.6	
2.0mm	10	40.20	8.6	76.0	
1.4mm	14		0.0	76.0	
1.18mm	16	95.70	20.5	55.5	
850µm	20	59.40	12.7	42.8	
600µm	30		0.0	42.8	
425µm	40	67.80	14.5	28.3	
300µm	50		0.0	28.3	
180µm	80	49.00	10.5	17.8	
150µm	100	7.50	1.6	16.2	
75µm	200	22.50	4.8	11.4	
	Pan	53.30	11.4	0.0	
	Total	467.30	100		

Wash Loss:		
Before:		
After:		
Loss:	0.0	
	#DIV/0!	%



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

February 28, 2023

Dylan Falank

Scott Lawn Yard, Inc.

3305 Haseley Dr.

Niagara Falls, NY 14304

Re: Bell Slip Improvements

Dear Dylan,

The 2" Crusher Run, #1 blend, #1 crushed stone, Limestone Screenings and Light Stone Fill to be supplied to the above referenced project was extracted and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3R and our mining permit # is 90018.

The Type 2 Underdrain to be supplied to the above referenced project was extracted and screened at our Franklinville, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3G and our mining permit # is 90049.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Robert Warrington', is written over a light blue horizontal line.

Robert Warrington



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

February 28, 2023

Dylan Falank

Scott Lawn Yard, Inc.

3305 Haseley Dr.

Niagara Falls, NY 14304

Re: Bell Slip Improvements

Dear Dylan,

The 2" Crusher Run, #1 blend, #1 crushed stone, Limestone Screenings and Light Stone Fill to be supplied to the above referenced project was extracted and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3R and our mining permit # is 90018.

The Type 2 Underdrain to be supplied to the above referenced project was extracted and screened at our Franklinville, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loom, organic matter including clay. The quarry is a NYSDOT approved source; the source number is 5-3G and our mining permit # is 90049.

Sincerely,

Robert Warrington

Gradation Sheet

New Enterprise Stone And Lime

Round 1a's	Date	6/7/22	Time
Franklinville Plt 36			am

Sieve	Sieve	Weight	%	%	Spec.		
Size	Size	Retained	Retained	Passing			
90mm	3-1/2"		0.0	100.0			
75mm	3"		0.0	100.0			
63mm	2-1/2"		0.0	100.0			
50mm	2"		0.0	100.0			
37.5mm	1-1/2"		0.0	100.0		Wash Loss:	
25.0mm	1"		0.0	100.0			
19.0mm	3/4"		0.0	100.0		Before:	
12.5mm	1/2"	0.00	0.0	100.0	100	After:	
9.5mm	3/8"		0.0	100.0		Loss:	
6.3mm	1/4"	6.40	30.1	69.9	90/100		#DIV/0!
4.75mm	4	12.85	60.5	9.4			
3.2mm	1/8"	1.25	5.9	3.5	0/15		
2.36mm	8	0.40	1.9	1.6			
2.0mm	10		0.0				
1.4mm	14		0.0				
1.18mm	16		0.0				
850µm	20		0.0				
600µm	30		0.0				
425µm	40		0.0				
300µm	50		0.0				
180µm	80		0.0				
150µm	100		0.0				
75µm	200		0.0				
	Pan	0.35	1.6	0.0			
	Total	21.25	100				

--

%



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 10 sieve?

Does it contain less than 10%, by weight, material that would pass a size 100 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

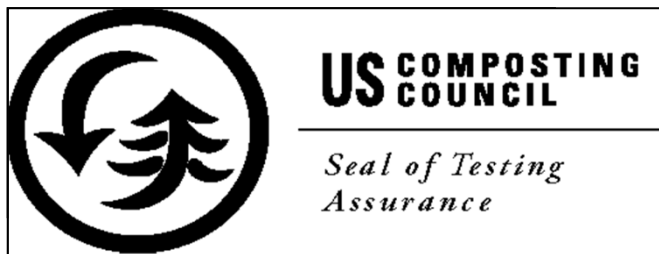
The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



Buffalo River Compost

Brian Murphy
47 Ensign St
Buffalo NY 14210
716-614-1338

Product Name: **COMPOST**

Sample Date: **None Provided**

Receive Date: **10/5/22 9:50 AM**

A & L Lab Number: **48648**

A & L Report Number: **F22278-6520**

COMPOST TECHNICAL DATA SHEET

A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808

<i>Compost Parameters</i>	<i>Method</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:		%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	TMECC 04.02-D	Total N	0.59	0.97
Phosphorus	TMECC 04.03-A	P ₂ O ₅	0.24	0.39
Potassium	TMECC 04.04-A	K ₂ O	0.38	0.62
Calcium	TMECC 04.05-CA	Ca	3.54	5.85
Magnesium	TMECC 04.05-MG	Mg	0.48	0.79
Moisture Content	TMECC 03.09-A	%, wet weight basis	39.43	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	32.92	
pH	TMECC 04.11-A	pH units	8.0	
Soluble Salts <i>(electrical conductivity EC_s)</i>	TMECC 04.10-A	dS/m (mmhos/cm)	0.95	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	95.31	
Stability Indicator <i>(respirometry)</i>			Stability Rating:	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	0.5	Very Stable
		mg CO ₂ -C/g TS/day	0.3	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	100	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	100	
Select Pathogens	TMECC 07.02	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	Salmonella
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	PASS	As, Cd, Pb, Hg,
				Mo, Ni, Se, Zn

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.



Buffalo River Compost

Brian Murphy
47 Ensign St
Buffalo NY 14210
715-675-5856

Product Name: **COMPOST**

Sample Date: **None Provided**

Receive Date: **10/5/22 9:50 AM**

A & L Lab Number: **48648**

A & L Report Number: **F22278-6520**

COMPOST TECHNICAL DATA SHEET

A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808

Compost Parameters	Method	Reported as (units of measure)	Test Results	
Plant Nutrients:		%, weight basis	Not Reported	
Moisture Content	TMECC 03.09-A	%, wet weight basis	39.43	
Organic Matter Content	TMECC 05.07-A	%, dry weight basis	32.92	
pH	TMECC 04.11-A	pH units	8.0	
Soluble Salts (electrical conductivity EC ₅)	TMECC 04.10-A	dS/m (mmhos/cm)	0.95	
Particle Size	TMECC 02.02-B	% < 9.5 mm (3/8 in.), dw basis	95.31	
Stability Indicator (respirometry)			Stability Rating:	
CO ₂ Evolution	TMECC 05.08-B	mg CO ₂ -C/g OM/day	0.5	Very Stable
		mg CO ₂ -C/g TS/day	0.3	
Maturity Indicator (bioassay)				
Percent Emergence	TMECC 05.05-A	average % of control	100	
Relative Seedling Vigor	TMECC 05.05-A	average % of control	100	
Select Pathogens	TMECC 07.01-B	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS	Salmonella
Trace Metals	TMECC 04.06	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	PASS	As, Cd, Pb, Hg,
				Mo, Ni, Se, Zn

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

	US Composting Council Certified This product meets or exceeds the parameters of the Acceptable Range of compost characteristics contained in the USCC's Consumer Compost Use Program
--	--

NOTE: The USCC does not assess whether or not, or to what extent, these directions are sound, sufficient or otherwise appropriate. It is the participant's responsibility alone to ensure that they are.

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program of the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. The USCC makes no warranties regarding this product or its contents, quality, or suitability for any particular use.

For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing Assurance Program, or the program in general, log on to the US Composting Council's web-site at <http://www.compostingcouncil.org>.

Report Number
F22278-6520
Account Number
12045



3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: BUFFALO RIVER COMPOST
2440 SHERIDAN DR
TONAWANDA, NY 14150

For: COMPOST

COPY: COMPOST COUNCIL



STA

Attn: BRIAN MURPHY

Sample ID: BRIAN M
Lab Number: 48648

Date Received: 10/5/2022

Date Reported: 10/20/2022 Page: 1 of 4

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Moisture @ 70 C	%	39.43		TMECC 03.09-A
Solids	%	60.57		TMECC 03.09-A
Total Nitrogen (N)	%	0.59	0.97	TMECC 04.02-D
Phosphorus (P)	%	0.10	0.17	TMECC 04.03-A
Phosphate (P ₂ O ₅)	%	0.24	0.39	TMECC 04.03-A
Potassium (K)	%	0.31	0.52	TMECC 04.04-A
Potash (K ₂ O)	%	0.38	0.62	TMECC 04.04-A
Magnesium (Mg)	%	0.48	0.79	TMECC 04.05-MG
Calcium (Ca)	%	3.54	5.85	TMECC 04.05-CA
Arsenic	mg/kg	9.0	14.8	US EPA SW846-6020
Cadmium	mg/kg	0.588	0.970	US EPA SW846-6020
Chromium	mg/kg	38.2	63.0	US EPA SW846-6020
Copper	mg/kg	59.0	97.4	US EPA SW846-6010C
Mercury	mg/kg	0.118	0.194	US EPA SW846-6020
Molybdenum	mg/kg	4.43	7.32	US EPA SW846-6020

TMECC - Test Methods for the Examination of Composting and Compost (TMECC), The U.S. Composting Council.

-COMPOST

Report Approved By:

Approval Date:

10/20/2022

David Henry - Agronomist / Technical Services - CCA

Report Number
F22278-6520
Account Number
12045



3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: BUFFALO RIVER COMPOST
2440 SHERIDAN DR
TONAWANDA, NY 14150

For: COMPOST

COPY: COMPOST COUNCIL



STA

Attn: BRIAN MURPHY

Sample ID: BRIAN M
Lab Number: 48648

Date Received: 10/5/2022

Date Reported: 10/20/2022 Page: 2 of 4

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Nickel	mg/kg	21.5	35.5	US EPA SW846-6020
Lead	mg/kg	105	174	US EPA SW846-6020
Selenium	mg/kg	1.80	2.98	US EPA SW846-6020
Zinc	mg/kg	314	518	US EPA SW846-6010C
503 Metals PASS/FAIL	pass/fail		PASS	EPA 503 Metal Limits
pH	-	8.0		TMECC 04.11-A
Soluble Salts	dS/m	0.95		TMECC 04.10-A
Salmonella	MPN/4g dry		< 3	TMECC 07.02
Pathogen Reduction - PASS/FAIL	pass/fail		PASS	40 CFR 503 Class A Compost
Ash @ 550 C	%	40.63	67.08	TMECC 03.02-B
Organic Matter (LOI @ 550 C)	%	19.94	32.92	TMECC 05.07-A
Total Organic Carbon (C)	%	9.97	16.46	TMECC 04.01-A
Carbon:Nitrogen Ratio (C:N)	-	17.0:1	17.0:1	TMECC 05.02-A
Inerts - Total	%		0.00	TMECC 02.02-C
Foreign Material	%		0.00	TMECC 03.08-A

Report Number
F22278-6520
Account Number
12045



3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: BUFFALO RIVER COMPOST
2440 SHERIDAN DR
TONAWANDA, NY 14150

For: COMPOST

COPY: COMPOST COUNCIL



STA

Attn: BRIAN MURPHY

Sample ID: BRIAN M
Lab Number: 48648

Date Received: 10/5/2022

Date Reported: 10/20/2022 Page: 3 of 4

COMPOST ANALYSIS

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Germination - Emergence	%	100		TMECC 05.05-A
Germination - Vigor	%	100		TMECC 05.05-A
Ave Ht of Seedlings in Control	centimeters	10.8		TMECC 05.05-A
Ave Ht of Seedlings in Compost	centimeters	13.4		TMECC 05.05-A
Respiration - CO ₂ -C/g TS	mg CO ₂ -C / g TS/Day		0.3	TMECC 05.08-B
Respiration - CO ₂ -C/g OM	mg CO ₂ -C / g OM/Day		0.5	TMECC 05.08-B
Compost Stability Index	-		Very Stable	TMECC 05.08
Passing U.S. 3/8-inch Sieve	%		95.31	TMECC 02.02-B
Retained on U.S. 3-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/4-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 5/8-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 1/2-inch Sieve	%		0.00	TMECC 02.02-B
Retained on U.S. 3/8-inch Sieve	%		4.69	TMECC 02.02-B

Report Number
F22278-6520
Account Number
12045



3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: BUFFALO RIVER COMPOST
2440 SHERIDAN DR
TONAWANDA, NY 14150

For: COMPOST

COPY: COMPOST COUNCEL



STA

Attn: BRIAN MURPHY

Sample ID: BRIAN M
Lab Number: 48648

COMPOST ANALYSIS

Date Received: 10/5/2022

Date Reported: 10/20/2022 Page: 4 of 4

Analysis	Unit	Analysis Result	Dry Basis Result	Analysis Method
Retained on U.S. 1/4-inch Sieve	%		13.47	TMECC 02.02-B