



CITY OF DUBLIN

Parks and Open Space
6555 Shier-Rings Road
Dublin, Ohio 43016-8716

Phone: 614-410-4700
Fax: 614-761-6512
Web Site: www.dublin.oh.us

Emerald Parkway Bridge Parking Lot Project

Addendum #1

January 30, 2014

Item #1: The Emerald Parkway Bridge Parking Lot plans are being re-issued under this cover. The approval stamps, that were blocking detail information, have been removed. The plans can now be printed in black and white. Some pages are still more legible in color.

Item #2: The pre-bid meeting notes are being issued under this cover for contractor use and reference.

Item #3: The City of Dublin's standard sign drawing is being issued under this cover. The City will provide the sign faces. The contractor is to provide install the posts, sleeves, over-sleeves and all hardware necessary as detailed.

Item #4: Contractors may contact AT&T directly for any manhole questions. Gary Van Almsick, AT&T, may be reached at 614-223-6985.

End of Addendum

Emerald Parkway Bridge Parking Lot Project

January 29, 2014, 10:00 a.m

Dublin Service Department

Scott Sonnenberg, Eco-Design and Engineering and Laura Ball, City of Dublin

The plans can be downloaded from the City website. If they are downloaded, be sure to print them in color. Some of the construction notes are lost if they are printed in black and white. Plans are also for sale downstairs in this building.

Scott stated that the quantities are listed on the front sheet. Please check them and let him know if you feel there are any errors or omissions.

Contractor questions about the plans should be directed to Scott. Scott stated that he would like them in writing, so that he has documentation of the questions. Small clarifications will be answered directly. Larger question answers will be sent out to the entire plan holders list.

The site is actually on ODOT property underneath I-270. Riverside Drive is maintained by the City of Dublin within its corporate limits. As such, this project required both ODOT and City of Dublin permitting. The City of Dublin, ODOT and Army Corp permits have all been secured. The approved plans were issued for this project.

The project consists of cleaning the asphalt edge, installing curb and gutter: Re-grading the site to allow for the parking lot construction: Constructing rock drain structures that are intended to capture the water off of 270: Constructing a sloping path off of the parking lot to the river: Building the stone walls associated with the path: Construction bank stabilizations wings along the Scioto River bank edge: and on the North side of site, under Emerald Parkway, the contractor will be correcting a soil erosion issue that is associated with water seeps. That work will entail some excavation and filling to stabilize the soils. There is rock on site that will be used for wall stabilization and fill.

Scott will be on site to supervising the wall and stone construction. The bank stabilization walls on the south side will utilize the existing onsite rock. Any excavation from the drains will be used to back fill the walls. The walls will utilize the existing rock.

The plans call out a quantity for #2 stone. If there is extra stone excavation material, it will be utilized instead of brining in additional material. There should not be enough excavation to eliminate the #2s, but it should reduce the quantity. We will not know how much can be used/ eliminated until the successful contractor starts working on site so prepare bid based upon the bid plans.

The goal is a balanced site. However, some material will need to be trucked onto site for the construction of the parking lot. It would not be drivable without some fill.

Both native and fescue seeding is called out for disturbed areas. Scott will approve the submittals for both mixes.

Scott wants to see submittals for the gravel. The stone companies use too many fines. Need to have some of the larger stones for base stability.

The site is less than 1 acre, so there is no need to fill out a storm water permit. Soil and Water retains the right to request a permit be filled out, but it is not required. If they do ask for the permit, Scott will help the contractor fill out the one page form. The contractor is responsible for any fee associated with the permit. Scott estimated the fee around \$250.

Scott turned it over for questions

There is a note about breaking rock veins. Can they be broken to install the paths? Scott replied that they can be broken, but that he would work with the contractor to adjust the alignments and work around the rock veins. Scott is not anticipating bedrock issues. There is a lot of 6" stone on site, but no exposed bedrock.

When can this project start? Laura responded that there is some flexibility in the start date. There is a 10 day contract signing period after the bid award. So, if the successful contractors schedule allows, the project can start on day 11. If not, the contractor can start later. The only deadline is the expiration of the ODOT construction permit. Our construction documents call out a 120 period. The Notice to Proceed can be adjusted, but not beyond the ODOT deadline. Do not have the ODOT permit handy, but recall is being a 6 month window.

Some of the approval stamps cover details. Impacted: typical gravel trail, combination curb and gutter

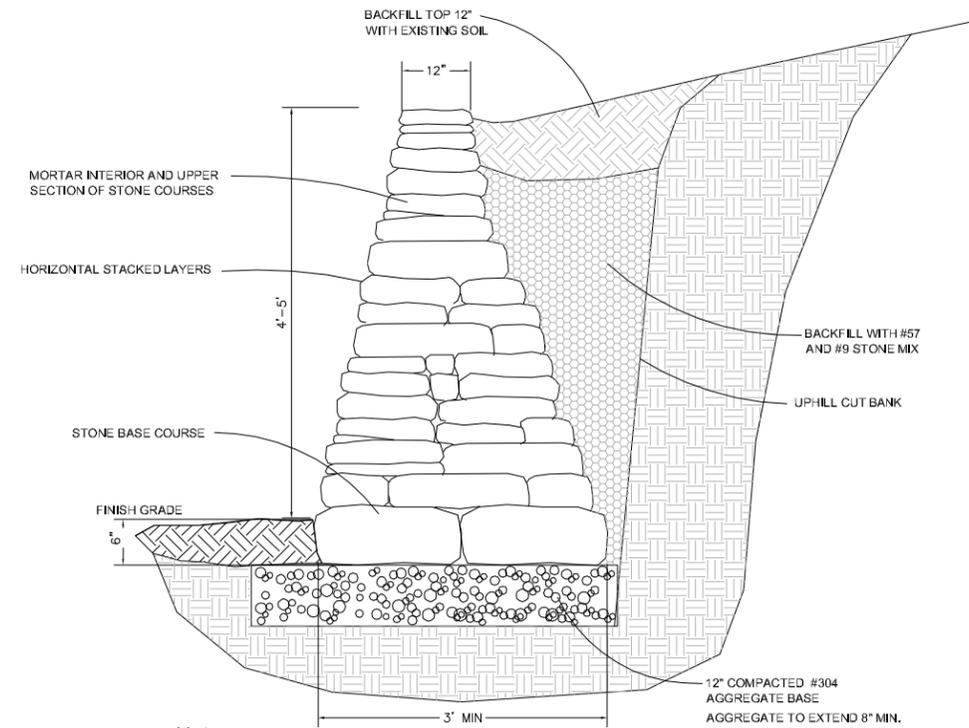
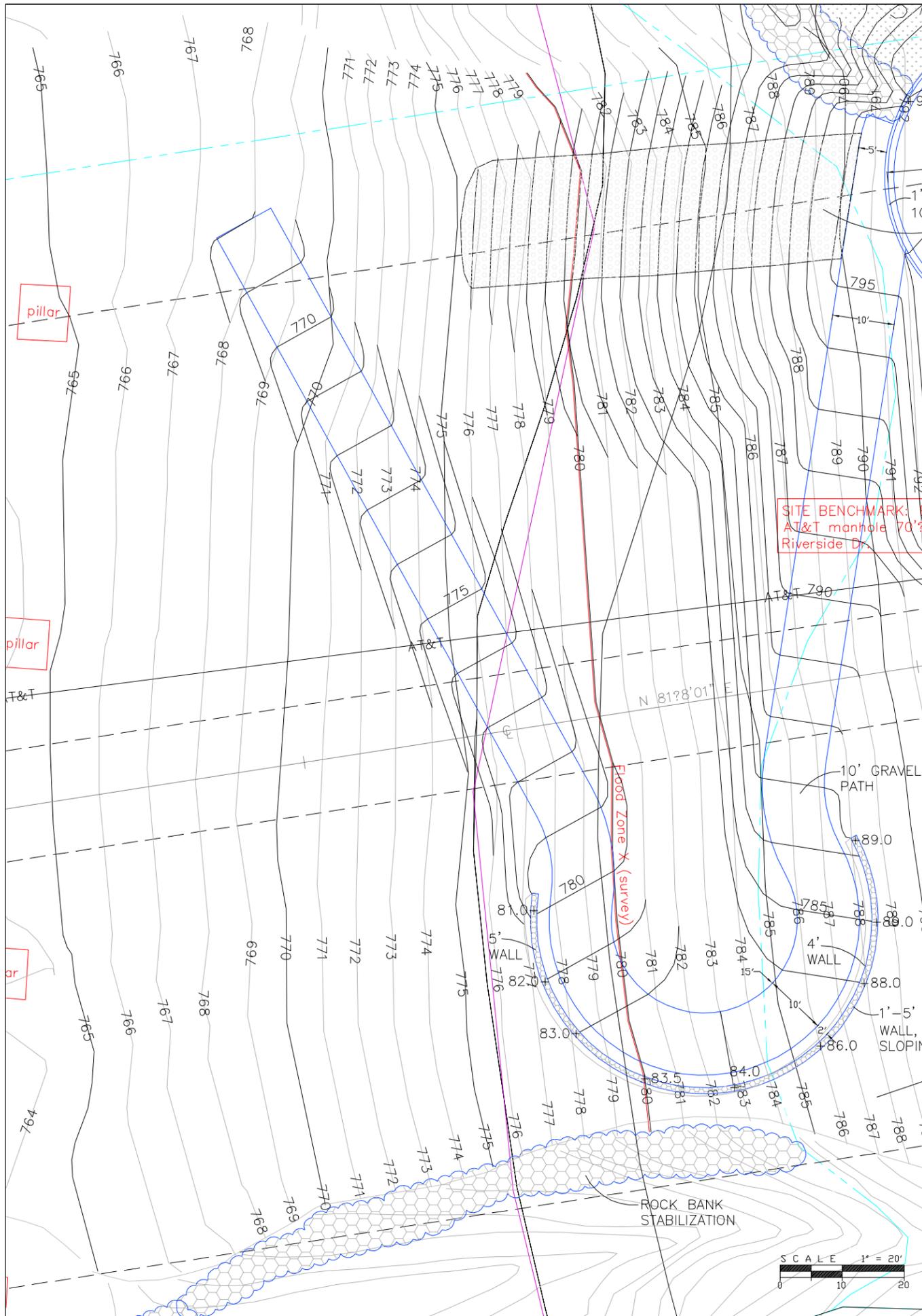
Page 7 needs to be re-issued because the notes in yellow are not legible.

Question concerning a contact for the ATT manhole cover and what model is needed. Laura stated that a manhole cover contact would be provided.

Laura stated that enough of the pages are impacted by either the stamp or pen settings, that we will reissue the plans so that contractors can print them in black and white.

Question about what post need to be used for the street signs. Laura will contact engineering for a post type. It will be issued as part of the addendum.

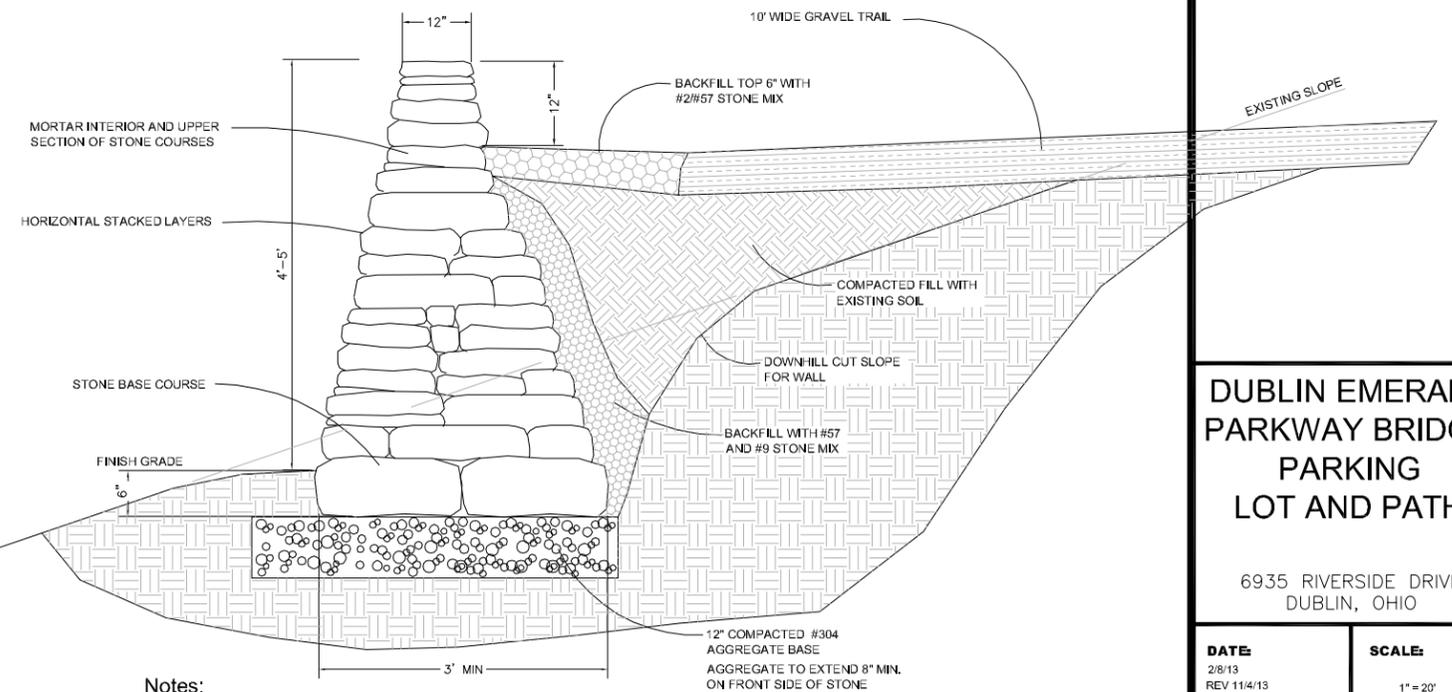
The wing rock isn't called out in exact dimensioned. Scott said that the overall dimension is called out, but that the wings were very dependent on the rock size and shapes. He will work with the contractor in the field for rock placement.



Notes:

1. BATTER WALL 2" PER VERTICAL FOOT.
2. MAINTAIN LEVEL COURSES. SHIM WITH EARTH AND STONE CHIPS TO PROVIDE STABLE COURSING.
3. MORTAR MIDDLE SECTION OF COURSES FOR WALLS EXCEEDING 2'-0".
4. STONE MATERIAL TO MATCH OTHER STONE WALLS IN AREA, AS APPROVED BY THE DIRECTOR OF GROUNDS AND FACILITIES.

A LIMESTONE WALL ON CUT SLOPE
SCALE: 1" = 1'



Notes:

1. BATTER WALL 2" PER VERTICAL FOOT.
2. MAINTAIN LEVEL COURSES. SHIM WITH EARTH AND STONE CHIPS TO PROVIDE STABLE COURSING.
3. MORTAR MIDDLE SECTION OF COURSES FOR WALLS EXCEEDING 2'-0".
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B LIMESTONE WALL WITH FILL
SCALE: 1" = 20'

**DIVISION OF
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7700 Wells Road
Plain City, Ohio 43064
Phone / FAX (614) 733-0049

**DUBLIN EMERALD
PARKWAY BRIDGE
PARKING
LOT AND PATH**

6935 RIVERSIDE DRIVE
DUBLIN, OHIO

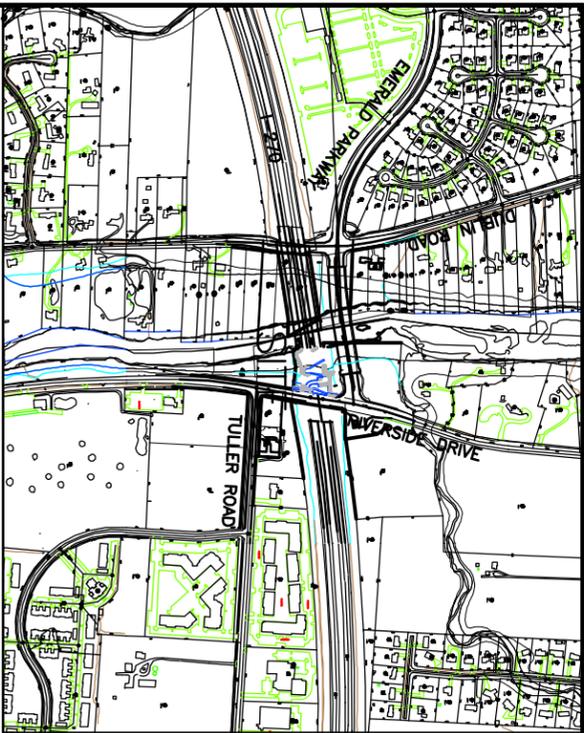
DATE:
2/8/13
REV 11/4/13

SCALE:
1" = 20'

DRAWN BY:
SES

SHEET NUMBER
C10

**ACCESS RAMP
AND DETAILS**



LOCATION MAP

1" = 600'

GENERAL QUANTITIES

ITEM	QUAN.	UNIT	DESCRIPTION
BASF BID			
201	1	LS	CLEARING SMALL TREES AND BRUSH FOR DISTURBED AREAS
202	267	LF	SMOOTH ASPHALT ALONG WHITE STRIPE
202	1200	SF	REMOVE ASPHALT STRIP ALONG ROAD EDGE
203	300	CY	CUT AND FILL ONSITE
203	600	CY	IMPORT FILL, PLACE, AND COMPACT
203	2	EA	RAISE EX. MANHOLE COVERS TO FINAL GRADE
203	6500	SF	GRADE AND COMPACT DRIVE/PARKING SURFACES
203	6200	SF	GRADE AND COMPACT WALK/TRAIL SUBGRADERS
609	697	LF	CONCRETE CURB/GUTTER WITH SUBDRYAN
608	407	SF	CONCRETE RAMPS/PADS
80	80	SF	H/C RAMP WARNING TEXTURE OR DOMES
304/448	831	SY	6" STONE BASE, 3" ASPHALT BASE, 3" ASPHALT SURFACE
448	220	LF	3" ASPHALT BASE, 3" ASPHALT SURFACE PATCH ALONG ROAD
640	330	LF	WHITE PARKING STRIPES AND HC MARKINGS
304/448	221	LF	10" ASPHALT BIKE TRAIL
304/448	76	LF	6" ASPHALT PATH
304	315	LF	10" GRAVEL TRAIL
304	140	SY	6" #304 GRAVEL ACCESS PAD TOPPED WITH #57
603	2	EA	8" DUAL WALLED HIDE PIPE
607	20	EA	SMALL STACKED LIMESTONE HEADWALL
203	33	CY	EXCAVATE FOR BRIDGE DRAIN BASINS
601	12	TN	12" #2 STONE LAYER
703	32	TN	12" #2 STONE LAYER
601	22	TN	12" #2 STONE MIXED WITH EX RIP RAP LAYER
203	35	CY	EXCAVATE FOR PLANTED INFILTRATION BASIN
703	10	TN	6" #57 STONE LAYER
703	10	TN	6" #9 STONE LAYER
653	25	CY	24" SAND/PEAT/SOIL MIX
703	7	TN	1" #9 STONE COVER (1200 SF)
601	16	TN	1" #57 STONE COVER (3500 SF)
601	50	TN	8"x50" RIP RAP SWALE
601	8	EA	LARGE Boulders (1 TN EACH)
601	470	SF	12" STACKED STONE WALL (100' X 1'-5"H)
601	500	SF	ROCK BANK STABILIZATION (100' X 4'-6"H)
601	99	TN	2 ROCK WING DEFLECTIONS (60' X 2'-5"H) (2'X3'X12" SLABS)
601	105	TN	#2 & #57 STONE FOR SEEPS, CROSSINGS, AND SWALE
602	1	LS	COLLECT AND REMOVE VISIBLE SCRAP METAL AND REBAR
652/203	1800	LF	BACKFILL CURBS, PAVEMENT EDGES, AND FINE GRADE
659	2300	SF	FESCUE GRASSING OF DISTURBED AREA AS NOTED
659	340	SF	NATIVE SEEDING INFILTRATION BASIN

NOTE: CONTRACTOR SHALL VERIFY THAT RIGHT MARKING COVER LOCATED IN THE NEW DRIVE IS HEAVY DUTY AND SHALL REPLACE COVER IF NOT.

CITY OF DUBLIN	ODOT
STANDARD CONSTRUCTION DRAWINGS	
CONCRETE CURB RAMPS PD-04	
TYPICAL STREET SECTION RD-01	
CONCRETE CURB AND GUTTER RD-02	

DUBLIN EMERALD PARKWAY BRIDGE PARK ENTRANCE, PARKING, AND RIVER ACCESS RAMP 6935 RIVERSIDE DRIVE, DUBLIN, OHIO 43017

GENERAL NOTES

1. City of Columbus and Ohio Department of Transportation Construction and Material Specifications, current editions, and any supplements thereto (hereafter referred to as Standard Specifications), shall govern all construction items unless otherwise noted. If a conflict between specifications is found, the more strict specification will apply as decided by the Parks and Open Space Director. Item Numbers listed refer to City of Columbus Item Numbers unless otherwise noted.
2. The Parks and Open Space Director will not be responsible for means, methods, procedures, techniques, or sequences of construction that are not specified herein. The Parks and Open Space Director will not be responsible for safety on the work site, or for failure by the Contractor to perform work according to contract documents.
3. The Contractor shall be responsible to obtain all necessary permits including but not limited to Ohio EPA Permits to install (PTI) and Notices of Intent (NOI), Building Permits, etc.
4. The Contractor shall notify the City of Dublin Division of Parks and Open Space in writing at least 3 working days prior to beginning construction.

City of Dublin
6555 Sher Ringe Road
Dublin, Ohio 43016

5. The Contractor shall be solely responsible for complying with all federal, state and local safety requirements including the Occupational Safety and Health Act of 1970. The Contractor shall exercise precaution always for the protection of persons (including employees) and property. It shall also be the sole responsibility of the Contractor to initiate, maintain and supervise all safety requirements, precautions and programs in connection with the work, including the requirements for confined spaces per 29 CFR 1910.146.
6. Following completion of construction of the site improvements and before requesting occupancy, a proof survey shall be provided by the Contractor to the Division of Parks and Open Space that documents "as-built" elevations, dimensions, slopes and alignment of all elements of this project. The proof survey shall be prepared, signed and submitted by a Registered Professional Surveyor and checked by the Professional Engineer who sealed the construction drawings.
7. Deleted
8. The Contractor shall carefully preserve bench marks, property corners, reference points, stakes and other survey reference monuments or markers. In cases of willful or careless destruction, the Contractor shall be responsible for restorations. Resetting of markers shall be performed by an Ohio Professional Surveyor as approved by the Parks and Open Space Director.
9. Non-rubber tired vehicles shall not be moved on or across public streets or highways without the written permission of the Parks and Open Space Director.
10. The Contractor shall restore all disturbed areas to equal or better condition than existed before construction. Drainage ditches or water courses that are disturbed by construction shall be restored to the grades and cross-sections that existed before construction.
11. Tracking or spilling mud, dirt or debris upon streets, residential or commercial drives, sidewalks or bike paths is prohibited according to Section 97.38 of Dublin Code of Ordinances. Any such occurrence shall be cleaned up immediately by the Contractor at no cost to the City. If the Contractor fails to remove said mud, dirt, debris, or spillage, the City reserves the right to remove these materials and clean affected areas. The cost of which shall be the responsibility of the Contractor.
12. Disposal of excess excavation within Special Flood Hazard Areas (100-year floodplain) may not be permitted without express written consent of the City Engineer. In any case, no disposal will be permitted within twenty feet of roadway boundaries.
13. All signs, landscaping, structures or other appurtenances within right-of-way disturbed or damaged during construction shall be replaced or repaired to the satisfaction of the City Engineer. The cost of this work shall be the responsibility of the Contractor.
14. All field tile broken or encountered during excavation shall be noted on the "as-built" survey, replaced or repaired, and connected to the public storm sewer system as directed by the Parks and Open Space Director. The cost of this work shall be the responsibility of the Contractor.
15. All precast concrete products shall be inspected at the location of manufacture. Approved precast concrete products will be stamped or have such identification noting that inspection has been conducted by the City of Columbus. Precast concrete products without proof of inspection shall not be approved for installation.
16. Backfill within a 1:1 influence line of existing structures (houses, garages, etc.) or public infrastructure (government, curbs, sidewalks, bikepaths, etc.) shall be granular backfill according to Item 912 of the Standard Specifications or Flowable CDF, Type III according to Item 636. Item 911 of the Standard Specifications may be used elsewhere.
17. Deleted
18. All trenches within public right-of-way shall be backfilled according to the approved construction drawings or securely plated during nonworking hours. Trenches outside these areas shall be backfilled or shall be protected by approved temporary fencing or barricades during nonworking hours. Clean up shall follow closely behind the trenching operation.
19. All trees within the construction area not specifically designated for removal shall be preserved, whether shown or not shown on the approved construction drawings. Trees to be preserved shall be protected with high visibility fencing placed a minimum 15 feet from the tree trunk. Trees 6-inches or greater of DBH (Diameter Breast Height) must be protected with fencing placed at the critical root zone or 15 feet, whichever is greater. Trees not indicated on the approved construction drawings for removal may not be removed without prior approval of the Division of Parks and Open Space.
20. Conduit must be directionally bored across streets instead of open cut, unless specifically approved by the Parks and Open Space Director. Use of pneumatic air ram devices is not permitted. Permits to construct in the right-of-way of existing streets must be obtained from the City of Dublin Division of Engineering before commencing construction. Should open-cutting of existing pavement be permitted, Controlled Density Backfill (Type III) shall be used in place of compacted granular backfill, according to Item 636 of the Standard Specifications.
21. The Contractor shall be responsible for the condition of trenches within the right-of-way and public easements for a period of one year from the final acceptance of the work, and shall make any necessary repairs at no cost to the City.
22. Pavements shall be cut in neat, straight lines the full depth of the existing pavement, or as required by the Parks and Open Space Director. Pavement replacement shall be conducted according to City of Columbus Standard Drawing 1441 Dr. A and applicable City of Dublin standard drawings. The replacement of Dublin standard construction drawings.
23. Tree trimming within the construction zone is to be completed by a certified Arborist. At the completion of the project, the Arborist is to return and trim any broken branches as needed.
24. Any modification to the work shown on drawings must have prior written approval by the Parks and Open Space Director, City of Dublin.
25. Deleted
26. All disturbed areas within the Limit of Work shall be fine-graded in preparation of seeding and seeded with the following mixture:
Premier Blend (stack blend) - 80/20 Bluegrass/Rye, all varieties must be in the top 10 NTEP evaluations. Germination Rate 90%
Application Rate: 7 lbs per 1000 sq ft as directed by City of Dublin Parks and Open Space
The contractor shall confirm the above seed mix with the City of Dublin, Parks and Open Space. Any disturbed areas outside the Limit of Work shall be fine graded and seeded by the Contractor with the above seed mix.
- 27 Deleted
- 28 Deleted

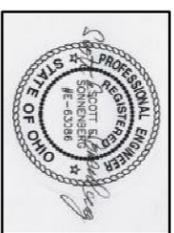
SITE BENCHMARK #1: 797.53
AT&T MANHOLE 70' WEST OF RIVERSIDE DRIVE
HORIZONTAL DATUM - MADS8
VERTICAL DATUM - MADS8
FRM WMP 3804903515K (6/11/7/08)

CITY OF DUBLIN CITY ENGINEER
SIGNATURES ABOVE SIGNIFY ONLY CONCURRENCE WITH THE
GENERAL PURPOSES AND GENERAL LOCATION OF THE
PROJECT AND DOES NOT CONSTITUTE ASSURANCES TO
OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN
THE RESPONSIBILITY OF THE PROFESSIONAL CIVIL ENGINEER
PREPARING THE PLANS

Scott E Sonnenberg, PE #63086

SHEET	TITLE
C-1	COVER SHEET
C-2	GENERAL NOTES
C-3	AERIAL VIEW
C-4	DYERALL PLAN
C-5	PARKING PLAN
C-6	ENTRANCE PLAN
C-7	RAINWATER BASINS
C-8	ACCESS RAMP AND WALL PLAN
C-9	ROCK BANK DETAILS
C-10	ACCESS RAMP AND DETAILS

SHEET INDEX

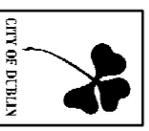


DUBLIN EMERALD
PARKWAY BRIDGE
PARKING
LOT AND PATH

DATE: 2/8/13
REV: 11/4/13
SCALE: 1"=80'

DRAWN BY: SHEET NUMBER
SES C1

COVER SHEET



DIVISION OF
PARKS AND OPEN SPACE
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ECO-DESIGN &
ENGINEERING, LTD
7700 Wells Road
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GENERAL NOTES CONT.

UTILITIES

- The following Utilities are known to be located within the limits of this project:
Columbus and Southern Electric Power
Columbia Gas
- The Contractor shall give Notice of Intent to construct to Ohio Utilities Protection Service (telephone number 800-362-2764), Producer's Underground Protection Service (telephone number 614-587-0486), and to owners of underground utilities that are not members of a registered underground protection service. Notice shall be given of at least 2 working days before start of construction.
- The Identity and locations of existing underground utilities in the construction area have been shown on the approved construction drawings as accurately as provided by the owner of the underground utility. The City of Dublin and the Parks and Open Space Director assumes no responsibility for the accuracy or depths of underground facilities shown on the approved construction drawings. If damage is caused, the Contractor shall be responsible for repair of the same and for any resulting contingent damage.
- Location, support, protection and restoration of all existing utilities and appurtenances, whether shown or not shown on the approved construction drawings, shall be the responsibility of the Contractor.
- When unknown or incorrectly located underground utilities are encountered during construction, the Contractor shall immediately notify the Parks and Open Space Director.
- Deleted

EROSION AND SEDIMENT CONTROL

- The Contractor or Developer is responsible for submitting a Notice of Intent (NOI) to be reviewed and approved by the Ohio EPA. The NOI must be submitted to OEPA 21 days prior to the start of construction and may entitle coverage under the Ohio EPA General Permit for Stormwater Discharges associated with construction activity. A project location map must be submitted with the NOI. A sediment and erosion control plan must be submitted to the Director of Parks and Open Space for approval if a sediment and erosion control plan has not already been included with the approved construction drawings. This plan must be made available at the project site at all times. The design of erosion control systems shall follow the requirements of Ohio EPA, Item 207 of Ohio Department of Transportation Standard Specifications, and the Director of Parks and Open Space. An individual NPDES Stormwater Discharge Permit may be required. The Contractor shall be considered the permittee.
- The Contractor shall provide sediment control at all points where storm water runoff leaves the project, including waterways, overland sheet flow, and storm sewers.
- Accepted methods of providing erosion/sediment control include but are not limited to: sediment basins, silt filter fence, aggregate check dams, and temporary ground cover. Hay or straw bales are not permitted.
- The Contractor shall provide adequate drainage of the work area at all times consistent with erosion control practices.
- Disturbed areas that will remain unworked for 30 days or more shall be seeded or protected within seven calendar days of the disturbance. Other sediment controls that are installed shall be maintained until vegetative growth has been established. The Contractor shall be responsible for the removal of all temporary sediment devices at the conclusion of construction but not before growth of permanent ground cover.

SANITARY SEWERS – Deleted.

WATER LINE – Deleted

STORM SEWER

- All storm water detention and retention areas and major flood routing swales shall be constructed to finish grade and hydro-seeded and hydro-mulched according to Items 203 and 659 of the Standard Specifications.
- Where private storm sewers connect to public storm sewers, the last run of private storm sewer connecting to the public storm sewer shall be Reinforced Concrete Pipe conforming to ASTM Designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inch pipes, and 27 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings. Inspection is required by the City of Dublin's Division of Engineering.
- Granular backfill shall be compacted granular material according to Item 912 of the Standard Specifications or Controlled Density Backfill according to Item 636, Type III of the Standard Specifications as directed by the City Engineer.
- All storm sewers shall be Reinforced Concrete Pipe conforming to ASTM Designation C76, Wall B, Class IV for pipe diameters 12 inches to 15 inches, Class III for 18 inches to 24 inch pipes, and 27 inches and larger pipe shall be Class II, unless otherwise shown on the approved construction drawings.
- Headwalls and endwalls shall be required at all storm sewer inlets or outlets to and from stormwater management facilities. Natural stone and/or brick approved by the City Engineer shall be provided on all visible headwalls and/or endwalls surfaces.
- Storm inlets or catch basins shall be channelized and have bicycle safe grates. Manhole lids shall include City of Dublin logo and all curb inlet and catch basin grates shall include engraved lettering: "DUMP NO WASTE; DRAINS TO RIVER."
- Storm sewer outlets greater than 18 inches in diameter accessible from stormwater management facilities or watercourses shall be provided with safety grates, as approved by the City Engineer.

TRAFFIC CONTROL

- Traffic control shall be furnished, erected, maintained, and removed by the Contractor according to Ohio Manual of Uniform Traffic Control Devices (OMUTCD), current edition.
- All traffic lanes of public roadways shall be fully open to traffic from 7:00 AM to 9:00 AM and from 4:00 PM to 6:00 PM unless authorized differently by the City Engineer. At all other hours the Contractor shall maintain minimum one-lane two-way traffic. Uniformed, off-duty police officers shall replace flagmen designated by the OMUTCD, and shall be present whenever one-lane, two-way traffic control is in effect. Police cruisers may be required as directed by the City Engineer.
- If the City Engineer determines that the Contractor is not providing proper provisions for traffic control, the City Engineer shall assign uniformed, off-duty police officers to the project at no cost to the City.
- Steady-burning, Type "C" lights shall be required on all barricades, drums, and similar traffic control devices in use at night.
- Access from public roadways to all adjoining properties for existing residents or businesses shall be maintained throughout the duration of the project for mail, public water and sanitary sewer service, and emergency vehicles. The Contractor shall provide a traffic control plan detailing the proposed maintenance of traffic procedures. The traffic control plan must incorporate any traffic control details contained herein. The traffic control plan proposed by the Contractor must be approved by the City Engineer prior to construction.

BLASTING – Deleted

MAIL DELIVERY – Deleted

USE OF FIRE HYDRANTS – Deleted

GENERAL SWPPP NOTES

- Nature of Construction - the existing site consists of a mostly gravel slope, sparsely grassed with a few scattered shrubs underneath the I-270 bridge over the Scioto River and on the west of Riverside Drive. Work to be included under this plan consists of installing curb and gutter, an entrance drive off of Riverside Drive, an 8 space asphalt parking lot and turn around, rainwater and Infiltration basins under the bridge drains, a gravel access path down to the river, a 10' wide bike trail, rock bank stabilization along an existing eroded channel, three single wing rock vanes along the Scioto River bank, pollution prevention measures, and stabilization of all disturbed areas during and after the construction. Total disturbed area 0.7 acres. The site drains into the Scioto River. The soils consist of Ritchey silt loam, type D with a .37 erosion k factor.
- The contractor shall be responsible for protection of all utilities and damages as a result of his work. The contractor shall notify the Ohio Utilities Protection Services at least 2 working days prior to any digging (800) 362-2764.
- The contractor shall be responsible for obtaining all local permits and associated permit fees required for the construction. The Contractor may need to file the Notice of Intent NOI as required for the NPDES general permit for construction activities and is responsible for following the permit, submittal of a CoPermittee Notice of Intent for all required subcontractors, inspections and recording of inspection reports every 7 days and within 24 hours after any rainfall event greater than 1/2 inch. All inspection records shall be kept for 3 years after submittal of the Notice of Termination NOT within 45 days of final stabilization.
- The contractor shall be responsible for all safety precautions related to the construction.
- Any stockpile areas shall be compacted to 85% Standard Proctor to minimize erosion potential and stabilize the surface unless respread within 7 days.
- The contractor shall be responsible for coordination of soil or material testing required to meet the specifications. The Owner and Engineer shall decide if testing is required and will contract with an independent testing firm.
- Temporary silt fences and other sediment control structures shall be installed prior to any stripping of topsoil or other land disturbing activities as noted on the plan or as required by the engineer during the construction.
- All disturbed areas must be stabilized within 7 days after construction activities have ceased in that area unless construction will resume within 21 days after stopping.
- All sediment control measures shall be checked every 7 days and after each rainstorm and repaired as necessary. Any modifications to the Stormwater Pollution Prevention Plan SWPPP shall be noted in the inspection reports and approved by the civil engineer. Silt build-up shall be removed and properly disposed of when it reaches a depth of 1 foot or 1/2 the height of the sediment control device, whichever is less. Measures shall be evaluated for effectiveness and whether additional measures are needed to control sediment runoff.
- Sediment shall be removed by the grading contractor from silt basins and fences prior to the removal of erosion control devices and spread over areas of the site out of the path of flowing water. The grading contractor shall be responsible for the removal of silt fences, sediment control structures, any accumulated debris, and for any clean-up required.
- Any field tile encountered or cut during the construction shall be repaired and noted on the as-built plans.
- Final seeding of disturbed areas shall follow the specifications immediately after spreading of topsoil.
- The Contractor shall limit construction traffic to minimize disturbance and compaction of the site. All areas impacted by construction or construction traffic shall be scarified or disc'd to break up soil prior to final grassing.
- The Contractor shall protect Temp Bench Marks, layout and grade stakes, and any other materials used for establishing construction layout and elevations.
- The owner is the City of Dublin, and will be responsible for maintenance of permanent facilities.

CONSTRUCTION SCHEDULE

- Approximate construction date June, 2014.
- Install straw wattles below disturbed area.
- Clear brush, sawcut asphalt and remove.
- Excavate basins and install bridge drain basins.
- Import fill and rock for bank stabilization, prepare subgrades for paving.
- Install subdrain and curb and gutter.
- Install gravel path, concrete pads, and asphalt paving.
- Backfill curbs and pavement edges, fine grade and grass.
- Construct stone wall, rock bank stabilization, and rock vanes
- Install planted infiltration basin, boulders, and stone ground cover.
- Final cleanup, removal of construction debris, and grassing of remaining disturbed areas.
- Complete construction November, 2014.
- Remove remaining temporary erosion controls after permanent vegetation is established and final grassing.

TEMPORARY SEEDING

During construction, the contractor shall be required to control erosion on all disturbed slopes before the establishment of permanent vegetation. Temporary seeding shall consist of Annual Ryegrass at 150 lbs. per acre with hydro mulch employed as necessary.

The contractor shall be required to do maintenance necessary to keep temporary seeded areas in a satisfactory condition until permanent grassing and landscaping is in place. This includes repairing washes and additional temporary seeding where a satisfactory stand of grass has not been achieved.



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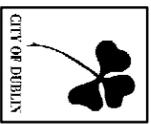
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Plain City, Ohio 43064
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**DUBLIN EMERALD
PARKWAY BRIDGE
PARKING
LOT AND PATH**

6935 RIVERSIDE DRIVE
DUBLIN, OHIO

DATE: 2/8/13 REV 11/4/13	SCALE:
DRAWN BY: SES	SHEET NUMBER C2

GENERAL NOTES

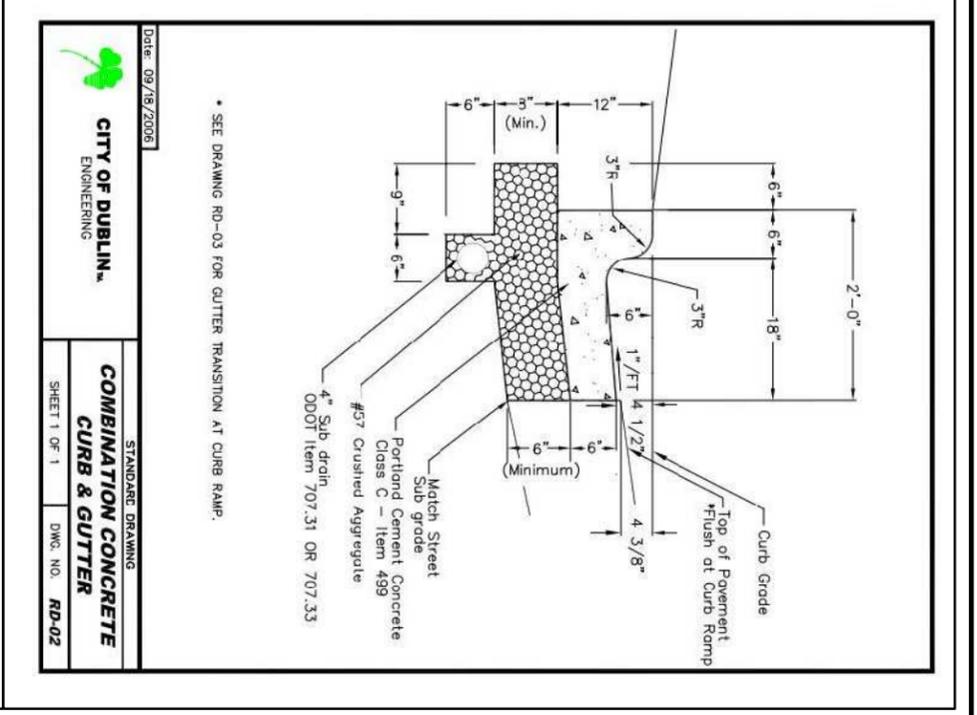
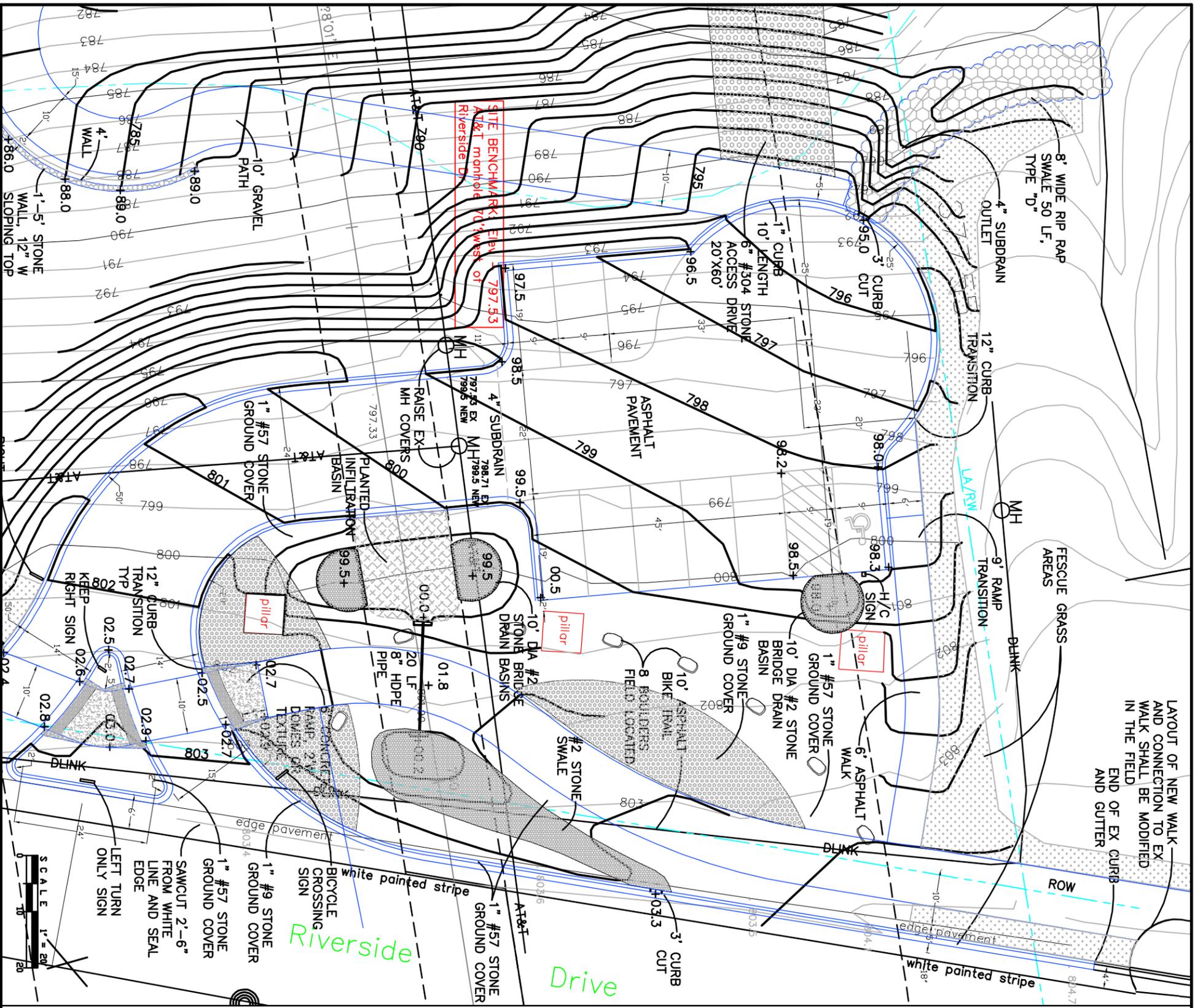


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DUBLIN EMERALD PARKWAY BRIDGE PARKING LOT AND PATH	
6935 RIVERSIDE DRIVE DUBLIN, OHIO 43017	
DATE: 2/8/13	SCALE: 1" = 50'
DRAWN BY: SES	SHEET NUMBER C3
AERIAL VIEW	



DATE: 09/18/2006
 CITY OF DUBLIN, ENGINEERING
 STANDARD DRAWING
COMBINATION CONCRETE CURB & GUTTER
 SHEET 1 OF 1 DWG. NO. RD-02

DATE: 09/18/2006
 CITY OF DUBLIN, ENGINEERING
 STANDARD DRAWING
TYPICAL STREET SECTION
 SHEET 1 OF 1 DWG. NO. RD-01

MINOR AND LOCAL STREETS	(MINIMUM PAVEMENT DEPTH)	ALTERNATIVE***
1 ASPHALT CONCRETE SURFACE COURSE TYPE 1 Pg. 64-22 MEDIUM TRAFFIC ITEM 448	1 1/4"	1 1/4"
2 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2 Pg. 64-22 MEDIUM TRAFFIC ITEM 448	1 3/4"	1 3/4"
3 BITUMINOUS AGGREGATE BASE ITEM 301	3"	6"
4 AGGREGATE BASE ITEM 304	6"	N/A

COLLECTOR AND ARTERIAL STREETS	(MINIMUM PAVEMENT DEPTH)	ALTERNATIVE
1 ASPHALT CONCRETE SURFACE COURSE TYPE 1 Pg. 64-22 MEDIUM TRAFFIC ITEM 448	1 1/4"	1 1/4"
2 ASPHALT CONCRETE INTERMEDIATE COURSE TYPE 2 Pg. 64-22 MEDIUM TRAFFIC ITEM 448	1 3/4"	1 3/4"
3 BITUMINOUS AGGREGATE BASE ITEM 301	6"	N/A
4 AGGREGATE BASE ITEM 304	6"	N/A

NOTE: MINIMUM PAVEMENT DEPTH ARE TYPICAL FOR RESIDENTIAL APPLICATIONS. ROADWAYS IN INDUSTRIAL AND COMMERCIAL AREAS MAY BE REQUIRED TO HAVE DEPTHS IN EXCESS OF THOSE LISTED. MINIMUM TRAFFIC LOADINGS USING ASHTO DESIGN METHODS SHOULD BE USED. ALTERNATIVE PAVEMENT SECTION REQUIRES CITY ENGINEER'S APPROVAL PRIOR TO INSTALLATION.

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DUBLIN EMERALD PARKWAY BRIDGE PARKING LOT AND PATH

6935 RIVERSIDE DRIVE DUBLIN, OHIO

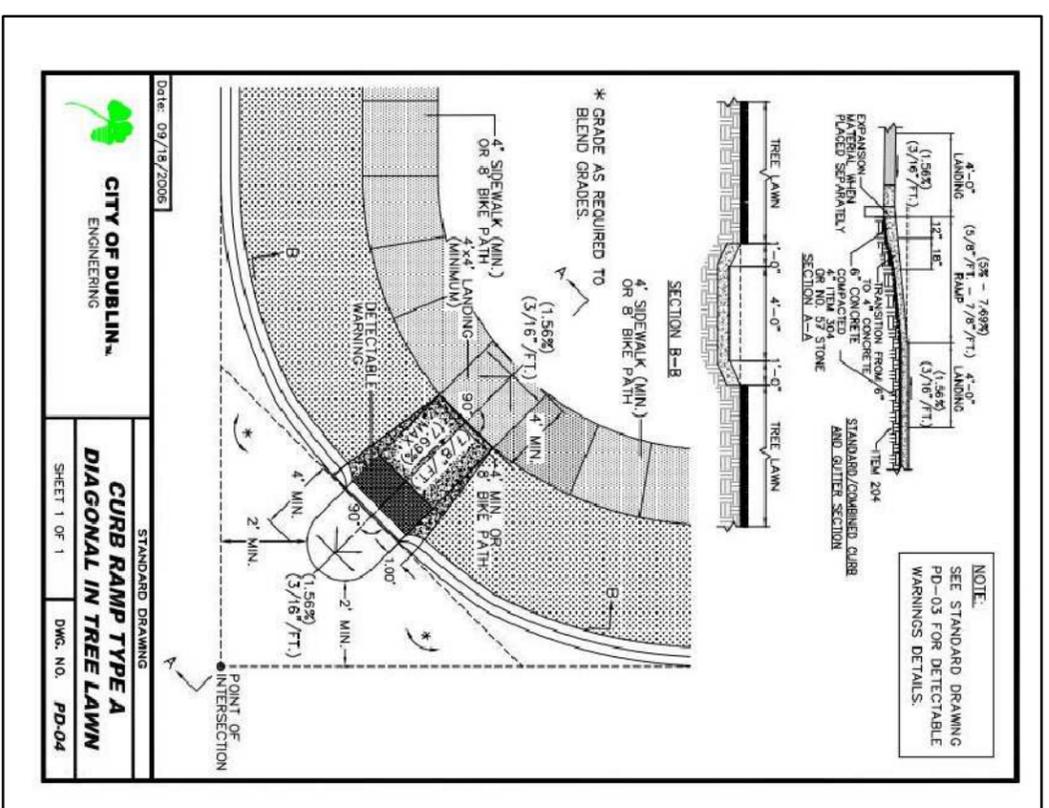
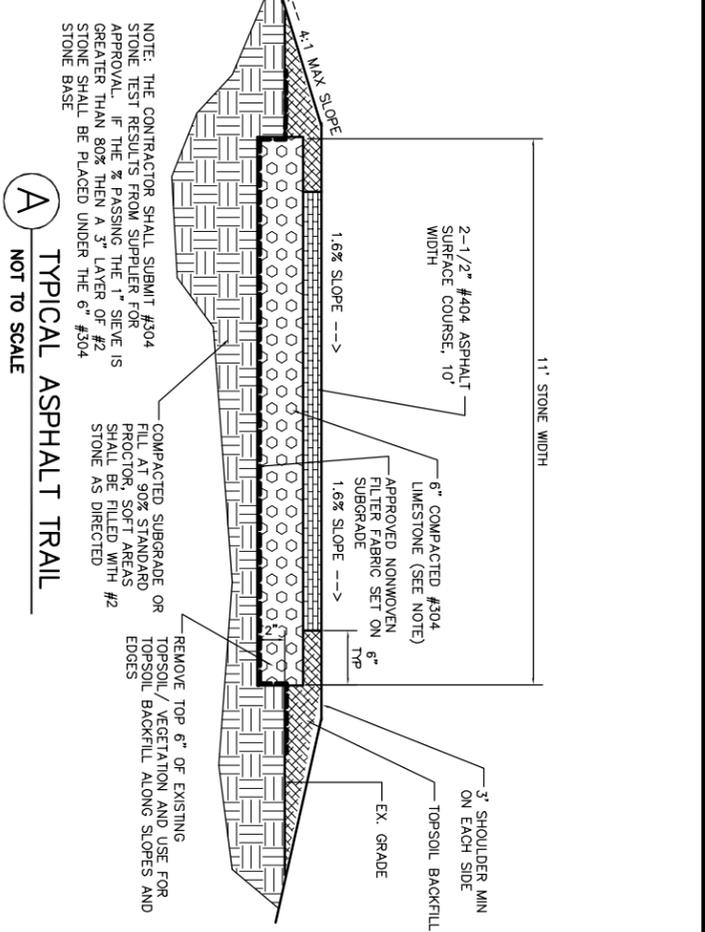
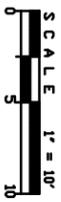
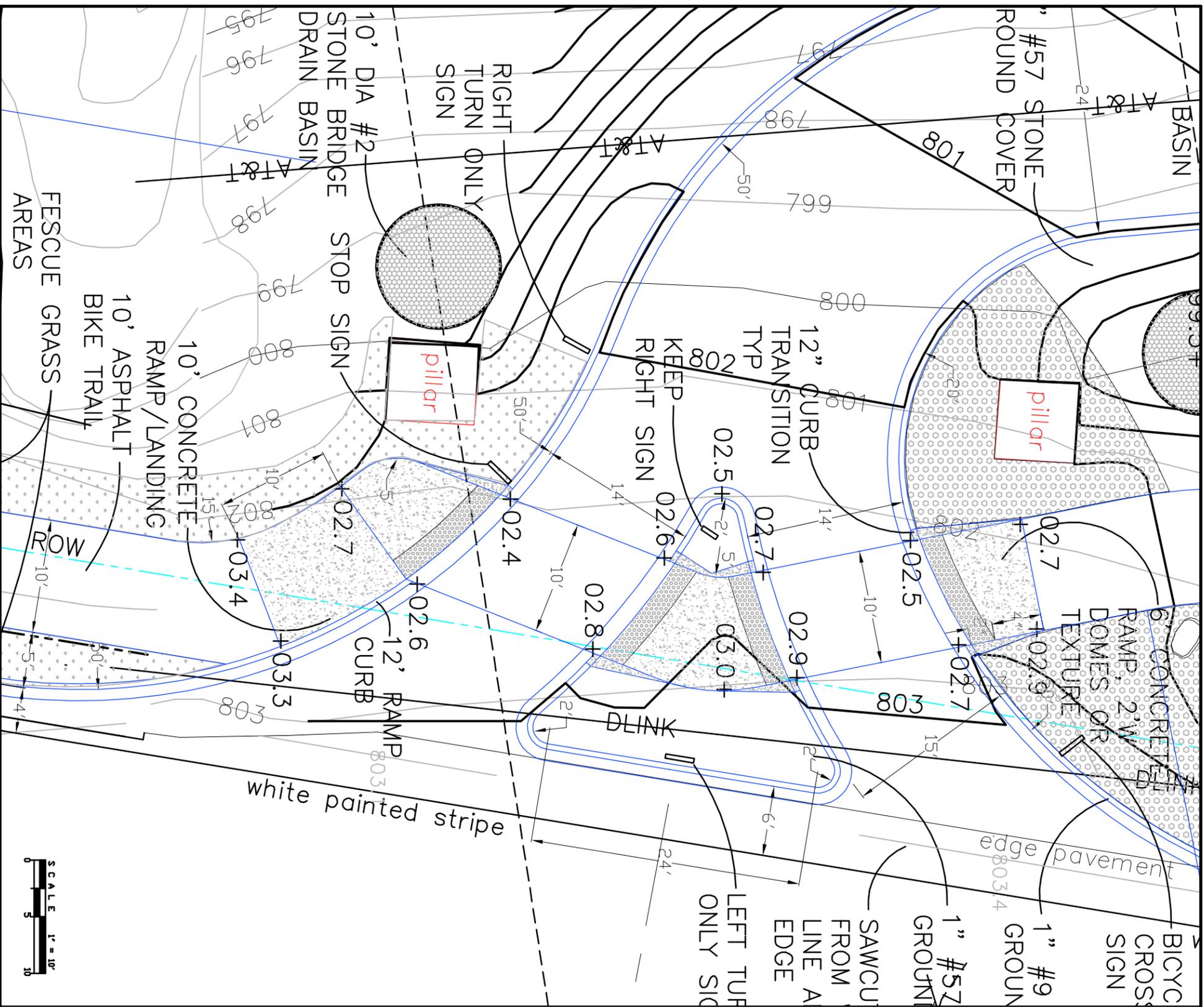
DATE: 2/8/13
 REV 11/4/13

SCALE: 1" = 20'

DRAWN BY: **SSS**

SHEET NUMBER: **C5**

PARKING PLAN



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DUBLIN EMERALD PARKWAY BRIDGE PARKING LOT AND PATH
 6935 RIVERSIDE DRIVE
 DUBLIN, OHIO

DATE: 2/8/13
 REV: 11/4/13

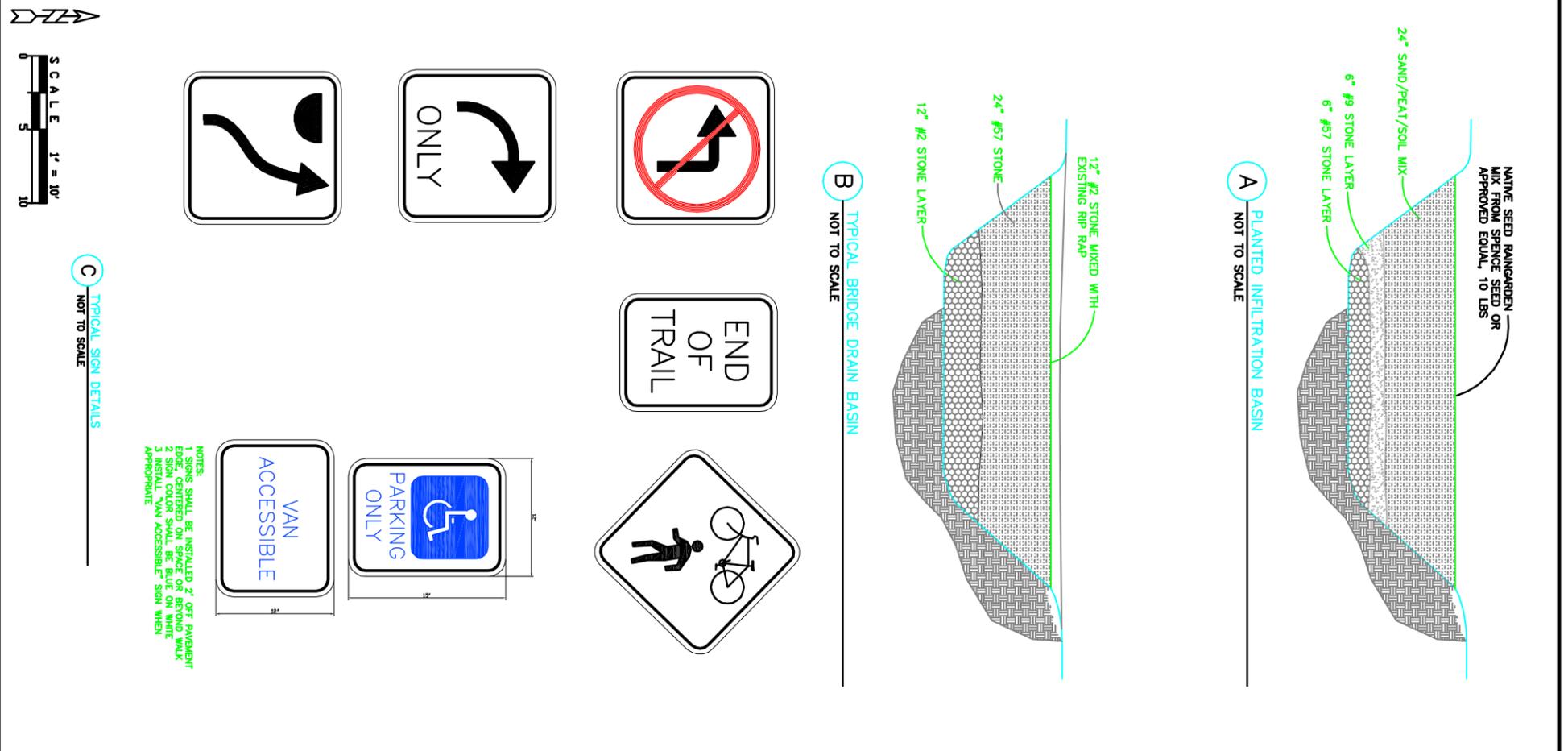
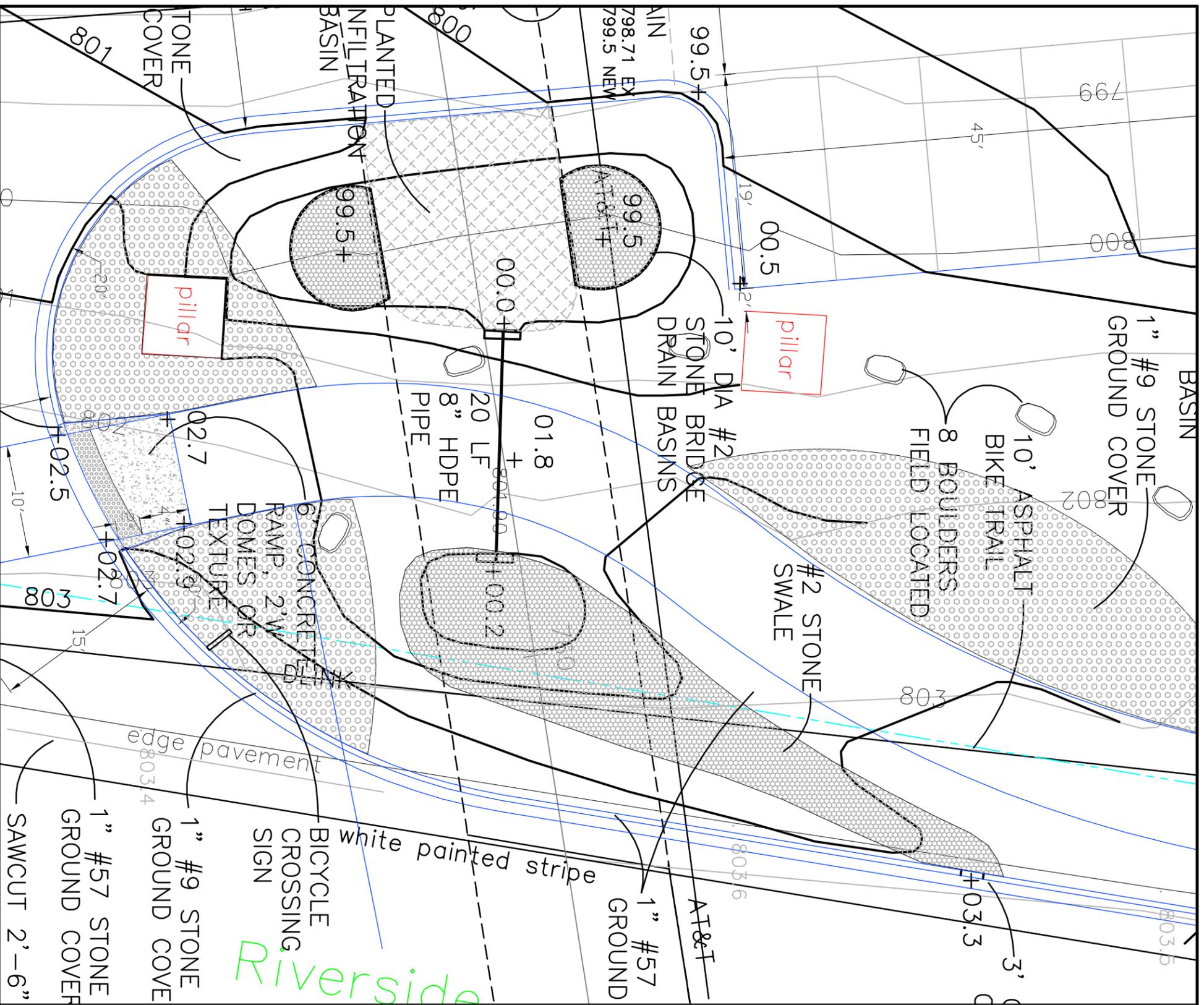
SCALE: 1" = 10'

DRAWN BY: SES

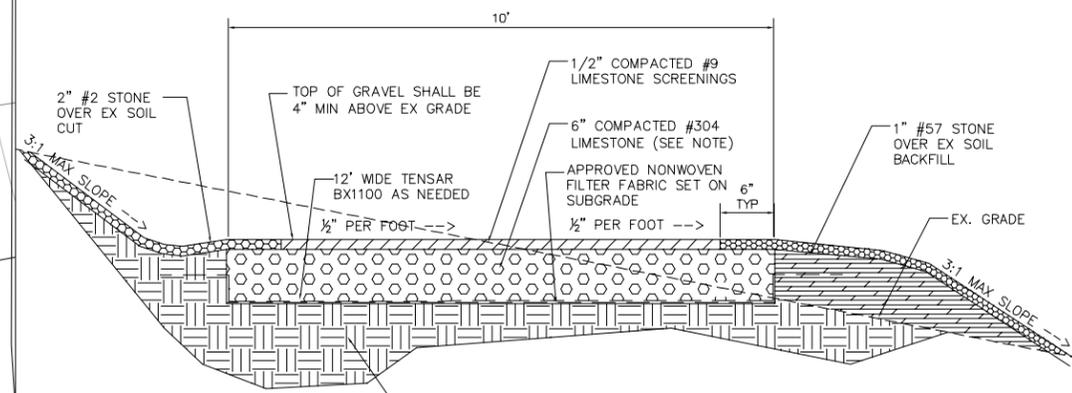
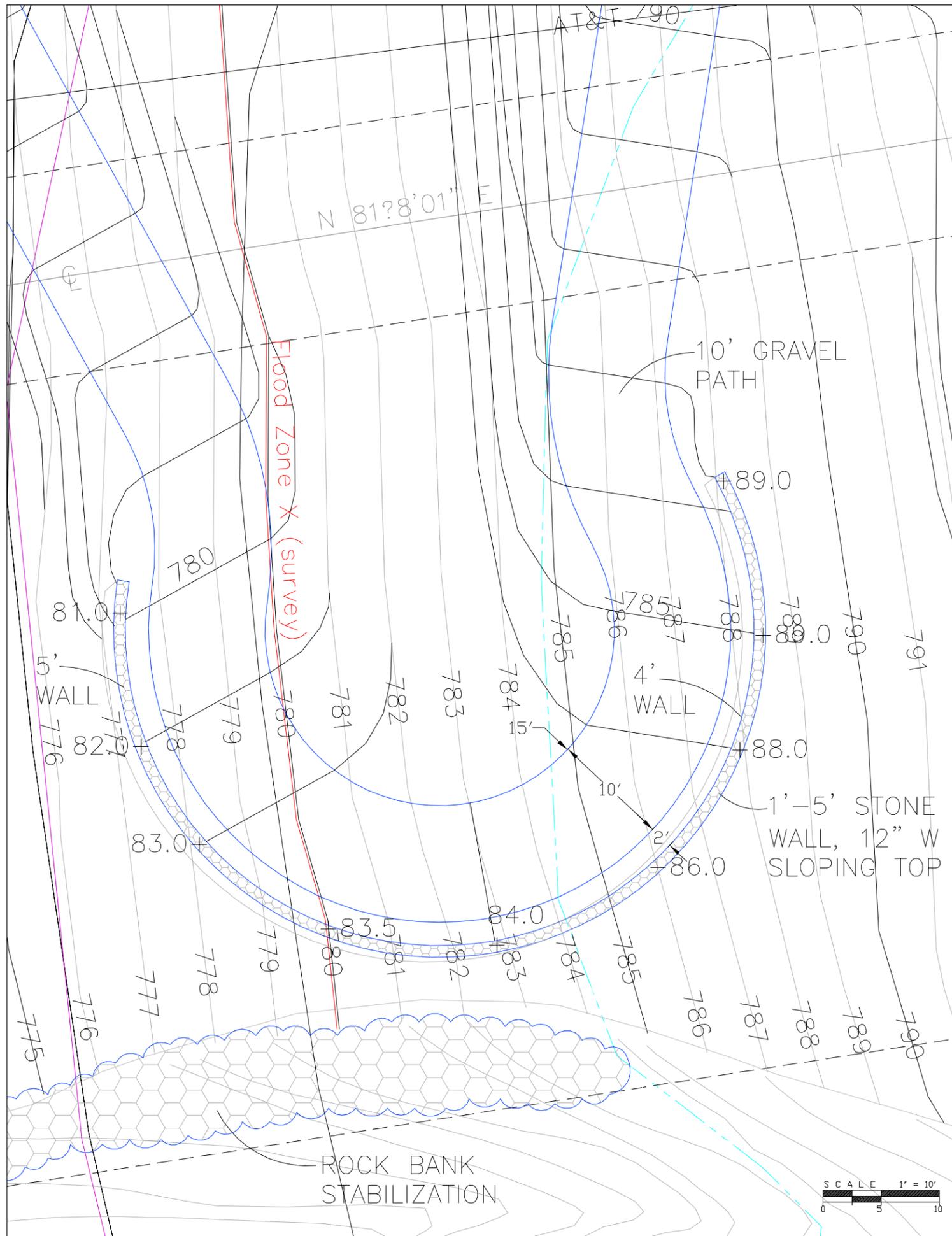
SHEET NUMBER: C6

ENTRANCE PLAN

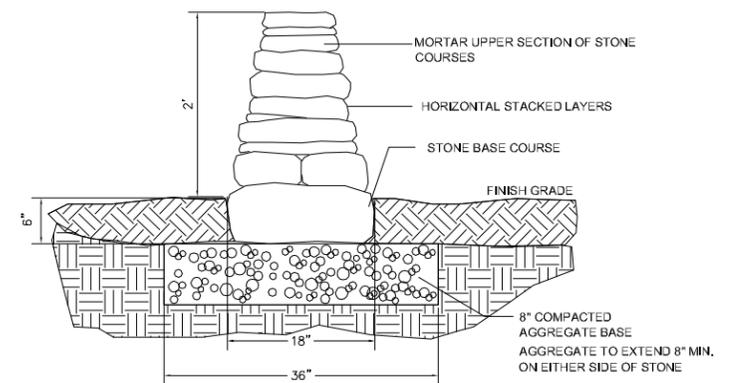
CITY OF DUBLIN ENGINEERING
 STANDARD DRAWING
CURB RAMP TYPE A
DIAGONAL IN TREE LAWN
 SHEET 1 OF 1 DWG. NO. PD-04



DIVISION OF PARKS AND OPEN SPACE 6555 SHERBRINGS ROAD DUBLIN, OHIO 43016 PH: (614) 410-4700 FAX: (614) 781-6512	
 ECO-DESIGN & ENGINEERING, LTD 7700 Wells Road Plain City, Ohio 43064 Phone / FAX: (614) 733-0049	
DUBLIN EMERALD PARKWAY BRIDGE PARKWAY BRIDGE PARKING LOT AND PATH 6935 RIVERSIDE DRIVE DUBLIN, OHIO	
DATE: 28/13 REV: 11/4/13	SCALE: 1" = 10'
DRAWN BY: SES	SHEET NUMBER: C7
RAINWATER BASINS	



(A) TYPICAL GRAVEL TRAIL
NOT TO SCALE



- Notes:**
1. BATTER WALL 2" PER VERTICAL FOOT.
 2. MAINTAIN LEVEL COURSES. SHIM WITH EARTH AND STONE CHIPS TO PROVIDE STABLE COURSING.
 3. MORTAR MIDDLE SECTION OF COURSES FOR WALLS EXCEEDING 2'-0".
 4. STONE MATERIAL TO MATCH OTHER STONE WALLS IN AREA, AS APPROVED BY THE DIRECTOR OF GROUNDS AND FACILITIES.

(B) LIMESTONE WALL
SCALE: 1" = 1'



(C) ROCK BANK STABILIZATION PHOTO
NOT TO SCALE

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**DUBLIN EMERALD
PARKWAY BRIDGE
PARKING
LOT AND PATH**

6935 RIVERSIDE DRIVE
DUBLIN, OHIO

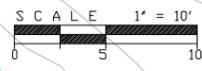
DATE:
2/8/13
REV 11/4/13

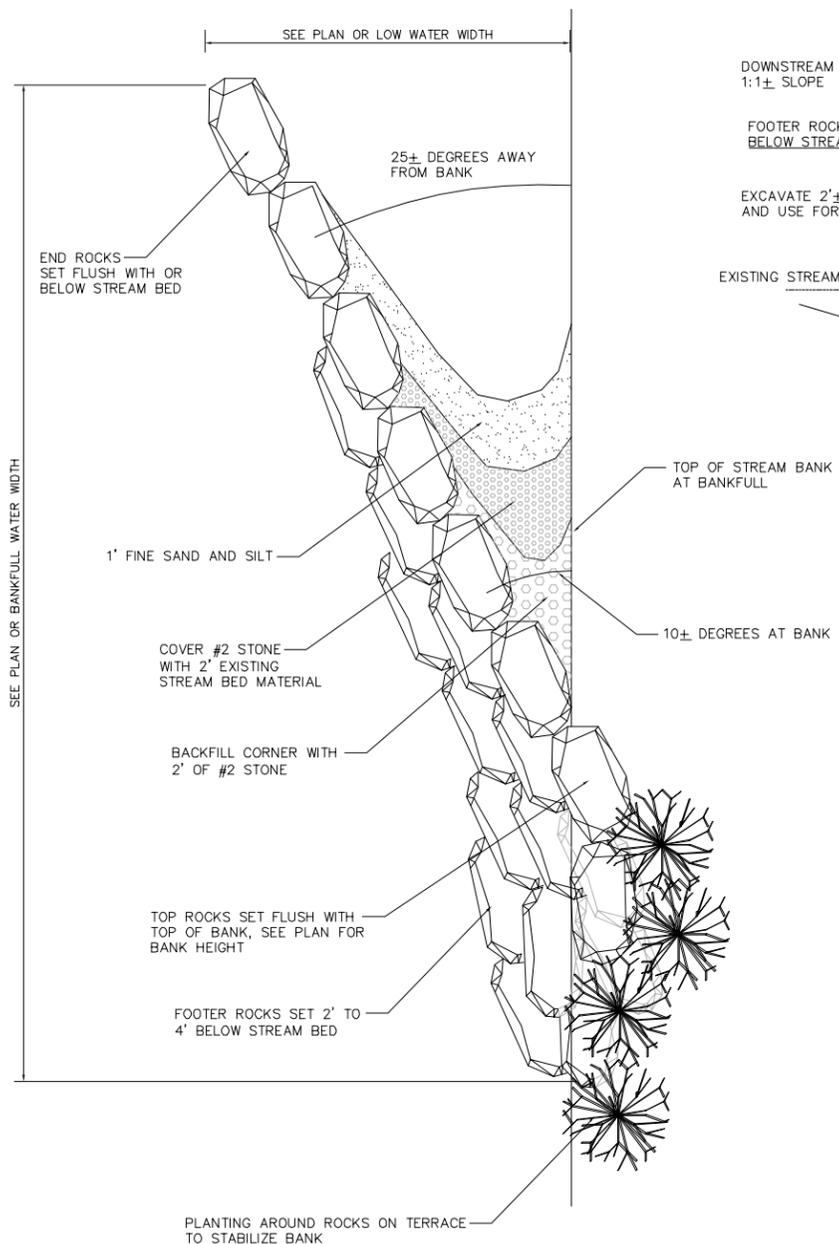
SCALE:
1" = 10'

DRAWN BY:
SES

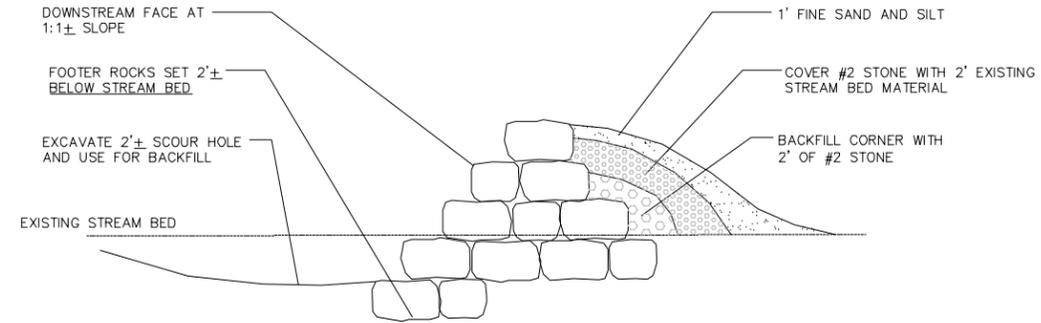
SHEET NUMBER
C8

**ACCESS RAMP
AND WALL PLAN**

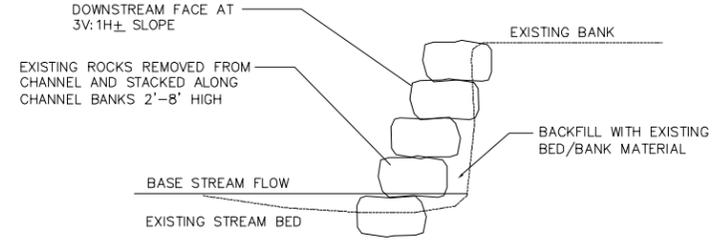




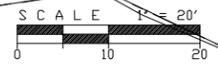
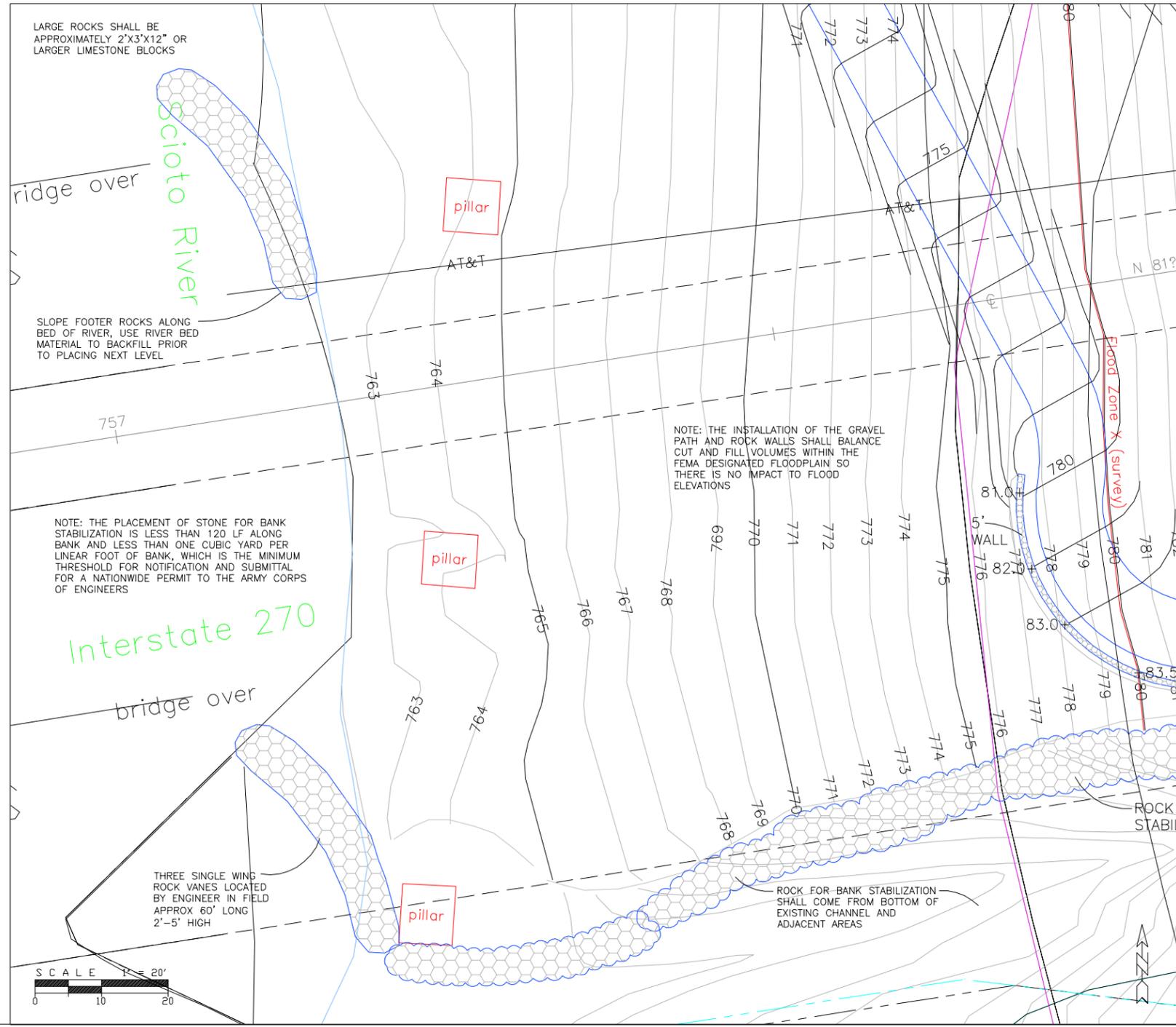
(A) SINGLE WING ROCK VANE
NOT TO SCALE



(B) SINGLE WING ROCK VANE SECTION
NOT TO SCALE



(C) ROCK BANK STABILIZATION
NOT TO SCALE



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DUBLIN, OHIO

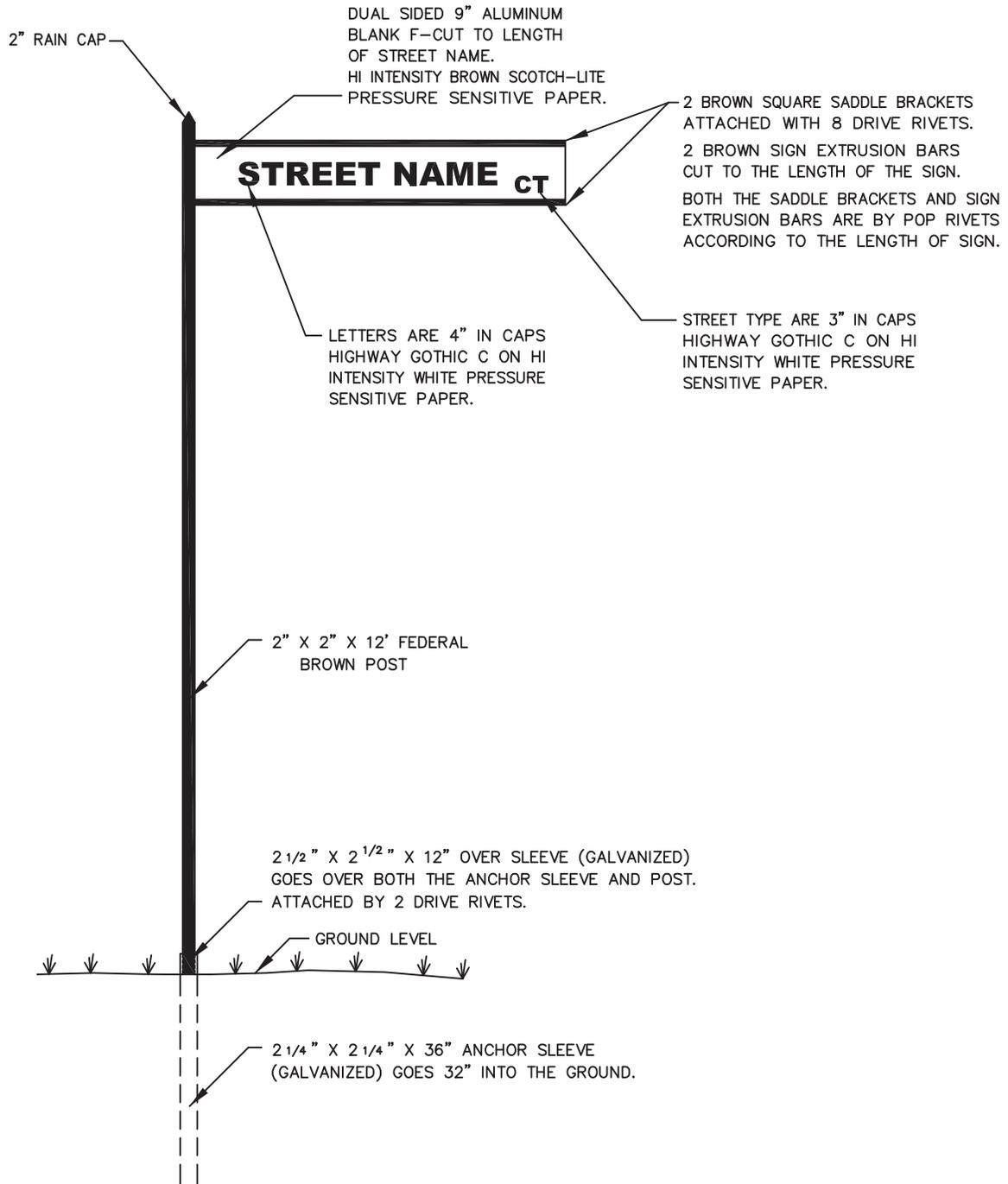
DATE:
2/8/13
REV 11/4/13

SCALE:
1" = 20'

DRAWN BY:
SES

SHEET NUMBER
C9

**ROCK BANK
DETAILS**



Date: 09/18/2006



CITY OF DUBLIN™
ENGINEERING

STANDARD DRAWING

**TYPICAL STREET
NAME SIGN**

SHEET 1 OF 1

DWG. NO. **RD-10**