

ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS
EAST WINDSOR PARK MUNICIPAL SPLASH PAD
EAST WINDSOR, CT
April 10, 2020
NOTICE TO BIDDERS

The attention of all bidders submitting proposals for “EAST WINDSOR PARK MUNICIPAL SPLASH PAD” is called to the following Addenda to the specifications and plans. The items set forth herein, whether of omission, addition or substitution are to be included in, and form part of the specifications and plans of the above-named project for bids to be received as advertised.

**PLEASE BE SURE TO ACKNOWLEDGE
THIS ADDENDUM ON BID PRICING PAGE**

The following clarifications, modifications, deletions and additions are hereby incorporated into and become part of the Contract Documents.

WRITTEN CHANGES AND CLARIFICATIONS TO SPECIFICATIONS

1. Specification Section 00 21 13 – INSTRUCTONS TO BIDDERS:

FOR CLARIFICATION: 29.0 – MINORITY PROCUREMENT GOALS

DELETE: See Paragraph 23.B above.

ADD: N/A

2. Specification Section 00 31 43 – PERMITS

DELETE: SECTION 00890

ADD: SECTION 00 31 43

FOR CLARIFICATION: 1. General Requirements

DELETE: Permits by Owner

ADD: Permits by Contractor

3. Specification Section 00 41 14 – BID FORM ATTACHMENTS:

DELETE: 6. ASSURANCE OF COMPLIANCE (SECTION 3, HUD ACT OF 1968)

DELETE: 9. STATEMENT OF BIDDER’S COMPLIANCE WITH EXECUTIVE ORDER
NO.3

DELETE: 11. CERTIFICATION OF BIDDER REGARDING SECTION 3 AND SEGREGATED FACILITIES

DELETE: 12. SECTION 3 PLAN (FORMAT)

DELETE: 13. GENERAL CONTRACTOR'S SECTION 3 PLAN CERTIFICATION

DELETE: 14. CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS

DELETE: 15. SUBCONTRACTOR'S CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS

4. Specification Section 00 63 63 – CHANGE ORDERS:

FOR CLARIFICATION: Payment of Change Orders

DELETE: “insert Connecticut legal requirements here”

ADD: “the Connecticut General Statutes”

FOR CLARIFICATION: Payment of Change Orders B5 & C5

DELETE: “20%”

ADD: “15%”

FOR CLARIFICATION: Payment of Change Orders B6 & C6

DELETE: “7 ½%”

ADD: “5%”

5. Specification Section 13 00 00 – SUMMARY OF WORK FOR SPLASH PAD:

FOR CLARIFICATION: Modified all “Massachusetts” references to “Connecticut”

6. Specification Section 31 23 19 – DEWATERING:

FOR CLARIFICATION: Part 1.04 - QUALITY ASSURANCE: D.

MODIFY: “(see Section 312319)” to “(see Section 315000)”

7. **ADD:** Specification Section 31 50 00 – SUPPORT OF EXCAVATION, per attachment

8. Specification Section 32 31 14 – ORNAMENTAL FENCES AND GATES:

FOR CLARIFICATION: Part 1.02 RELATED WORK

DELETE: 03 05 00 FIELD CONCRETE

ADD: 03 30 00 CAST-IN-PLACE CONCRETE

QUESTIONS AND CLARIFICATIONS

Pre-Bid Conference Contractor Attendee List

Brian McGrath
Mountain View Landscapes and Lawncare, Inc.
63 Slater Street, Unit 5
Manchester, CT 06042

Phone 860-646-2430
Fax 860-432-9292

Question 1: Can you provide a plan holders list?

Response: The only plan holders known are listed on Advanced Reprographic website.

Question 2: Can you provide an unlocked version of the bid form?

Response: Unlocked bid forms have been attached.

Clarification 1: This bid is NOT a prevailing wage rates job.

Clarification 2: The Town will haul and dispose of surplus material. Contractor to coordinate with owner.

ATTACHMENTS:

Specification Section 00 41 00 – FORM OF GENERAL BID
Specification Section 00 41 14 – BID FORM ATTACHMENTS
Specification Section 13 00 00 – SUMMARY OF WORK FOR SPLASH PAD
Specification Section 31 50 00 – SUPPORT OF EXCAVATION

SHEET - G001 – COVER
SHEET - 10F1 – EXISTING CONDITIONS PLAN
SHEET - L001 – GENERAL NOTES
SHEET - L002 – LEGENDS AND ABBREVIATIONS
SHEET - L101 – SITE PREPARATION PLAN
SHEET - L102 – LAYOUT AND MATERIALS PLAN
SHEET - L103 – GRADING AND DRAINAGE PLAN
SHEET - L104 – PLANTING AND LANDSCAPING PLAN
SHEET - L501 – EROSION AND SEDIMENT CONTROL DETAILS
SHEET - L502 – SITE CONSTRUCTION DETAILS
SHEET - L503 – SITE CONSTRUCTION AND PLANTING DETAILS

END OF ADDENDUM NO. 1

SECTION 004100

FORM OF GENERAL BID

Proposal of _____ (hereinafter called "Bidder")*

- a corporation, organized and existing under the laws of the State of Connecticut
- a partnership
- a joint venture
- a limited liability company
- an individual doing business as _____

*Check corporation, partnership, joint venture or individual as applicable.

To the Town of East Windsor (hereinafter called "Owner").

Gentlemen:

The Bidder, in compliance with your invitation for bids for the **East Windsor Park Municipal Splash Pad**, having examined the plans and specifications with related documents and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all superintendence, labor, services, materials, equipment, plant, machinery, apparatus, appliances, tools, supplies, bailing, shoring, removal, and all other things necessary to construct the project in accordance with the contract documents, as prepared by Weston & Sampson Engineers, Inc., within the time set forth therein and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

The Bidder hereby agrees to commence work under this contract on or before a date to be fixed in the written "Notice to Proceed" given by the Owner to the Contractor and to fully complete

all work related to the Contract by July 15, 2020. The Bidder further agrees to pay as liquidated damages the sum of \$500 for each consecutive calendar day thereafter during which the work has not been fully completed, as provided in the "Liquidated Damages" paragraph of Section 007300 SUPPLEMENTARY CONDITIONS.

Bidder acknowledges receipt of the following addenda:

No.	Dated:
_____	_____
No.	Dated:
_____	_____
No.	Dated:
_____	_____
No.	Dated:
_____	_____

The Bidder agrees to perform the work described in the specifications and shown on the plans for the following lump sum or unit prices:

Item 1. BASE PROPOSAL: Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Item 2. ADD ALTERNATE No. 1: Under Add Alternate No. 1 the contractor shall furnish and install the specified UV Disinfectant system as described in the specifications and shown on the plans. Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Item 3. ADD ALTERNATE No. 2: Under Add Alternate No. 2 the contractor shall install integrally colored concrete, Color A, utilizing **white** cement in lieu of gray cement as indicated on the plans and as specified. Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)
(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Item 4. ADD ALTERNATE No. 3: Under Add Alternate No. 3 the contractor shall install integrally colored concrete, Color B, utilizing **white** cement in lieu of gray cement as indicated on

the plans and as specified. Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Item 5. BID ALTERNATE No. 1: Under Bid Alternate No. 1 the contractor shall install integrally colored concrete, Color ADD ALTERNATE, in lieu of Color A utilizing **gray** cement as indicated on the plans and as specified. Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

Item 6. BID ALTERNATE No. 2: Under Bid Alternate No. 2 the contractor shall install integrally colored concrete, Color ADD ALTERNATE, in lieu of Color A utilizing **white** cement as indicated on the plans and as specified. Bidder agrees to perform all work described in the specifications and shown on the plans for the sum of: _____ Dollars and Cents (\$ _____)

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

All entries shall be made clearly in ink or typewritten. Amounts are to be shown in both words and figures. Discrepancies between words and figures will be resolved in favor of words. Discrepancies between the indicated total of unit prices multiplied by the estimated quantities and the correct total will be resolved in favor of the correct total. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

The above prices shall include all labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

The contract will be awarded to the lowest eligible and responsible bidder for **East Windsor Park Municipal Splash Pad.**

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of ninety (90) days, Saturdays, Sundays and legal holidays excluded, after the opening of bids.

Within ten (10) days of receipt of the written notice of acceptance of this bid, the Bidder will execute the formal agreement attached in Section 005200 AGREEMENT.

Bid security is attached in the sum of five percent (5%) of the total bid in accordance with the conditions of Section 002113 INSTRUCTIONS TO BIDDERS. The bid security may become

the property of the Owner in the event the contract and bond are not executed within the time set forth above.

The selected Contractor shall furnish a performance bond and a payment bond in an amount at least equal to one hundred percent (100%) of the contract prices in accordance with Section 006113.13 PERFORMANCE BOND, Section 006113.16 PAYMENT BOND, and as stipulated in paragraph 6.01 of Section 007200 GENERAL CONDITIONS of these specifications.

The undersigned offers the following information as evidence of its qualifications to perform the work as bid upon according to all the requirements of the plans and specifications.

1. Have been in business under present name for _____ years.
2. The names and addresses of all persons interested in the bid (if made by a partnership or corporation) as Principals, are as follows:

(Attach supplementary list if necessary)

06/05/2013

3. The Bidder is requested to state below what work of a similar character to that included in the proposed contract it has done, and give references that will enable the Owner to judge its experience, skill and business standing (add supplementary page if necessary).

Completion Date	Project Name	Contract Amount	Design Engineer	Reference Name	Telephone No.
-----------------	--------------	-----------------	-----------------	----------------	---------------

a.

b.

c.

d.

e.

f.

004100-4

The undersigned hereby certifies that it is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work.

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity which sells materials, equipment or supplies used in or for, or engages in the performance of, the same or similar construction, reconstruction, installation, demolition, maintenance or repair work or any part thereof...

The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the State of Connecticut under applicable debarment provisions of the Connecticut General Statutes or any rule or regulations promulgated thereunder.

Respectfully submitted:

Date _____

By _____

(Signature)

(Name – Typed or Printed)

(Title)

(SEAL - if bid is by a corporation)

(Business Name)

(Federal ID Number)

(Business Address)

(City and State)

(Telephone Number)

(Fax Number)

Document2

SECTION 004114

BID FORM ATTACHMENTS

1. CONTRACTOR'S QUALIFICATION STATEMENT
2. LISTING OF PROPOSED SUBCONTRACTORS
3. AFFIDAVIT
4. CERTIFICATE OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY
5. CERTIFICATION BY PROPOSED SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY
- ~~6. ASSURANCE OF COMPLIANCE (SECTION 3, HUD ACT OF 1968)~~
7. BID BOND
8. CERTIFICATE AS TO CORPORATE BIDDER
- ~~9. STATEMENT OF BIDDER'S COMPLIANCE WITH EXECUTIVE ORDER NO. 3~~
10. CERTIFICATE OF MATERIAL CONFORMANCE WITH THE SPECIFICATIONS
- ~~11. CERTIFICATION OF BIDDER REGARDING SECTION 3 AND SEGREGATED FACILITIES~~
- ~~12. SECTION 3 PLAN (FORMAT)~~
- ~~13. GENERAL CONTRACTOR'S SECTION 3 PLAN CERTIFICATION~~
- ~~14. CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS~~
- ~~15. SUBCONTRACTOR'S CERTIFICATION CONCERNING LABOR STANDARDS AND PREVAILING WAGE REQUIREMENTS~~
16. CERTIFICATION OF COMPLIANCE WITH TAX LAWS
17. CERTIFICATE OF NON-COLLUSION
18. CERTIFICATION OF DUMPING FACILITIES

CONTRACTOR'S QUALIFICATION STATEMENT

TO: TOWN OF EAST WINDSOR, CONNECTICUT
hereinafter called "Owner"

Pursuant to bidding requirements for the Work titled:

NOTE TO SPECIFIER: THIS SECTION WILL NEED TO BE REWORDED TO BE PROJECT SPECIFIC.

The Bidder is qualified to complete the Work as stated below:

ORGANIZATION

If your organization is a corporation, provide the following:

Date of incorporation: _____
State of incorporation: _____
President's name: _____
Vice-president's name(s): _____

Secretary's name: _____
Treasurer's name: _____

If your organization is a partnership, answer the following:

Date of organization: _____
Type of partnership: _____
Name(s) of general partner(s): _____

If your organization is individually owned, answer the following:

Date of organization: _____

Name of owner: _____

If the form of your organization is other than those listed above, describe it and name the principles:

EXPERIENCE

List the categories of work that your organization normally performs with its own forces.

Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

- No Yes Has your organization ever failed to complete any work awarded to it?
No Yes Are there any judgements, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?
No Yes Has your organization filed any lawsuits or requested arbitration with regard to construction contracts within the last five years?
No Yes Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract?

On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, engineer, contract amount, percent complete and scheduled completion date. State the total worth of work in progress and under construction.

On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of the project, owner, engineer, contract amount, date of completion and percentage of the cost of the work performed with your own forces. State average annual amount of construction work performed during the past five years.

On a separate sheet, list the construction experience and present commitments of the key individuals of your organization.

Signature

Date

Printed Name

Title

LISTING OF PROPOSED SUBCONTRACTORS

Project: East Windsor Park Municipal Splash Pad

Bidder intends to utilize the following subcontractors on this project:

If none, write "none" here: _____

	<i>Name, Address and Federal ID Number of Subcontractor</i>	<i>Description of Work</i>	<i>Est. Value of Work</i>
1.	_____	_____	\$ _____

2.	_____	_____	\$ _____

3.	_____	_____	\$ _____

4.	_____	_____	\$ _____

5.	_____	_____	\$ _____

6.	_____	_____	\$ _____

7.	_____	_____	\$ _____

8.	_____	_____	\$ _____

AFFIDAVIT

Project: East Windsor Park Municipal Splash Pad.

To the TOWN OF EAST WINDSOR, CONNECTICUT:

This is to certify that in submitting this bid, BIDDER represents that this Bid is not made in the interest of or on behalf of any undisclosed person and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm, or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for himself any advantage over any other Bidder or over OWNER; and the BIDDER or any person in his behalf, has not agreed, connived, or colluded to produce a deceptive show of competition in the matter of the bidding or award of the referenced contract.

Signature to be by signer of Bid Form.

Signature

Printed Name

Title

Subscribed and sworn to before me this ____ day of _____, 199__.

Notary Public

My commission expires on: _____

CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY (EEO)	
Instructions	
<p>This certification is required pursuant to Executive Order 11246 (30 CFR 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and if so, whether it has filed all compliance reports due under applicable instructions.</p> <p>Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.</p>	
Certification by Bidder	
Name and Address of Bidder (include zip code)	
1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause. Yes _____ No _____	
2. Compliance Reports were required to be filed in connection with such contract or subcontract. Yes _____ No _____	
3. Bidder has filed all compliance reports due under applicable instructions, including Monthly Employment Utilization Report (257). Yes _____ No _____ None Required _____	
4. Have you ever been or are you being considered for sanction due to a violation of Executive Order 11246, as amended? Yes _____ No _____	
Name and Title of Signer (please type)	
Signature	Date

CERTIFICATION BY PROPOSED SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY (EEO)	
Name of Prime Contractor	
Instructions	
This certification is required pursuant to Executive Order 11246 (30 CFR 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and if so, whether it has filed all compliance reports due under applicable instructions.	
Where the certification indicates that the subcontractor has not filed a compliance report due under applicable instructions, such subcontractor shall be required to submit a compliance report before the owner approves the subcontract or permits work to begin under the subcontract.	
Certification by Bidder	
Name and Address of Subcontractor (include zip code)	
1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause. Yes _____ No _____	
2. Compliance Reports were required to be filed in connection with such contract or subcontract. Yes _____ No _____	
3. Bidder has filed all compliance reports due under applicable instructions, including SF-100. Yes _____ No _____ None Required _____	
4. Have you ever been or are you being considered for sanction due to a violation of Executive Order 11246, as amended? Yes _____ No _____	
Name and Title of Signer (please type)	
Signature	Date

BID BOND

BIDDER (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

Town of East Windsor
11 Rye Street
Broad Brook, CT 06016

BID

BID DUE DATE: _____

PROJECT (Brief Description Including Location):

BOND

BOND NUMBER: _____

DATE (Not later than Bid due date): _____

PENAL SUM: _____

(Words)

(Figures)

IN WITNESS WHEREOF, Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

SURETY

(Seal)

(Seal)

Bidder's Name and Corporate Seal

Surety's Name and Corporate Seal

By: _____

By: _____

Signature and Title

Signature and Title
(Attach Power of Attorney)

Attest: _____

Attest: _____

Signature and Title

Signature and Title

- Note: (1) Above addresses are to be used for giving required notice.
(2) Any singular reference to Bidder, Surety, OWNER or other party shall be considered plural where applicable.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to OWNER upon default of Bidder the penal sum set forth on the face of this Bond.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1. OWNER accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by OWNER) the executed Agreement required by the Bidding Documents and any performance and payment Bonds required by the Bidding Documents, or
 - 3.2. All Bids are rejected by OWNER, or
 - 3.3. OWNER fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default by Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from OWNER, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by OWNER and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 120 days from Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in paragraph 4 above is received by Bidder and Surety and in no case later than one year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power or Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer or proposal as applicable.

CERTIFICATE AS TO CORPORATE BIDDER

Project: East Windsor Park Municipal Splash Pad

I, _____, certify that I am the _____
(Name) (Title)
of the corporation named as the Bidder in the _____ within the
Bid Form: that _____, who signed the said Bid Form on behalf of
(Name)
the Bidder was then _____ of said corporation, that his/her
(Title)
signature thereto is genuine, and that said Bid Form was duly signed, sealed, and
executed for and on behalf of said corporation by authority of its governing body.

Dated: _____

By: _____
Name

(Corporate Seal)

**CERTIFICATION OF MATERIAL CONFORMANCE WITH THE
SPECIFICATIONS**

Project: East Windsor Park Municipal Splash Pad

This statement must be completed by the Bidder and shall accompany his bid for this project.

IT IS HEREBY CERTIFIED THAT:

Name of Bidder: _____
Business Address: _____

That the equipment proposed to be supplied in fulfillment of this Contract conforms in all respects to the specifications. Further, the proposed equipment will perform its intended function in a manner acceptable and suitable to the Town/City of _____.

(Signature)

(Title)

CERTIFICATION OF COMPLIANCE WITH TAX LAWS

Project: East Windsor Park Municipal Splash Pad

I, _____ of _____
(Principal) (Corporation)

certify under pains and penalties of perjury that said corporation has complied with all laws of the State of Connecticut relating to taxes.

Signature

Date

Printed Name

Title

Federal ID Number

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made in good faith and without collusion or fraud with any other persons. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

By: _____
Signature of Authorized Individual

Name of Business

Address

City, State, Zip Code

Date

CERTIFICATION OF DUMPING FACILITIES

I, _____, certify that I have dumping facilities available at

and use of such facilities during the term of the contract will comply with state and local requirements.

Signature of Authorized Representative of Contractor

Name and Address of Contractor

Name and Address of Disposal Facility

Signature of Authorized Representative of Disposal Facility

Document1

SECTION 13 00 00

SUMMARY OF WORK FOR SPLASH PADS

PART 1 – GENERAL

1.01 WORK INCLUDED:

- A. Provide and include all shop drawings for the proposed mechanical equipment, and mechanical systems. Spray features, main drains, controller and sequencing manifold shall be provided by the Owner.
- B. Lay out Splash Pads; benchmark and exact location by General Contractor.
- C. Trenching and backfill as required for spray feature piping.
- D. Furnish and install prefabricated inlets, and recirculation systems. All systems shall be VGB compliant. Specified in Section 22 51 00.
- E. Furnish and install Splash Pad filtration and chemical treatment equipment, including Splash Pad fittings, piping, and valves as required for fully operable systems. Specified in Section 22 51 00.
- F. Furnish and install pumps, piping, and valves as required for operation of circulation system. Specified in Section 22 51 00.
- G. Coordinate all necessary sleeves, openings, or other penetrations in equipment room walls, pump pits, settling tanks, etc.; and closure of same required for Splash Pad construction work.
- H. Furnish start up chemicals, test and balance the Splash Pad in accordance to State and Local standards prior to acceptance by the OWNER.
- I. Splash Pad Contractor (SPC) shall protect the spray feature(s), associated filtration, chemical treatment, and electrical equipment during construction.
- J. Layout of the Splash Pad and Splash Pad features by a Registered Professional Land Surveyor.

1.02 RELATED WORK:

- A. The following Sections contain work that relates to this Section.

1. Section 13 14 13 – SPLASH PAD EQUIPMENT
 2. Section 22 51 00 – FILTRATION EQUIPMENT
- 1.03 WORK PERFORMED UNDER OTHER SECTIONS (Not By Splash Pad Contractor, SPC):
- A. Site access for heavy equipment.
 - B. Benchmark and exact Splash Pad location.
 - C. All machine excavation and backfill for Splash Pad structure, main drain piping, pipe trenches, and balance, surge, or settling tanks - as shown on the Plans. Disposal of excavated material. General Contractor to furnish any required backfill material.
 - D. All base and sub-base material for Splash Pad; compaction; and all compaction testing and soil testing.
 - E. Demolition of splash pad area, grading, and any other area preparation required prior to the start of Splash Pad construction.
 - F. Construction and backfill of all foundations, equipment room walls, footings, settling tanks and sumps as required for splash pad construction work.
 - G. Furnish and install deck drains as shown on Plans.
 - H. All caulking adjacent to the recirculation systems.
 - I. General construction work not included in splash pad Specifications in this section.
 - J. The Plumbing Contractor shall provide fresh water piping in to filter room, including back flow prevention device, shut-off valve, and hose bib; floor drains and deck drains; makeup water line to fill spout or balance tank; and waste water connection from filter. Install solenoid valve(s), water connection to cylinder-operated valves.
 - K. Provide access to filter room for filter access.
 - L. All electrical connections shall be by the Electrical Contractor; the SPC shall provide the filter, pumps, motors, solenoids, relays, water level probes (with housing), motorized valves, etc., as shown on Plans. All controls – including starters, shall be provided and installed by Electrical Contractor; the Electrical Contractor shall install and wire all

electrical equipment furnished by the SPC and shall provide all disconnect switches as indicated or required by code. Chemical feeders shall be electrically interlocked with filter pump.

- M. The Electrical Contractor shall ground the entire Splash Pad structure, deck, and equipment in accordance with the National Electrical Code and all local Codes and Ordinances.
- N. Provide all construction utilities, water, electric heat, or cold weather protection.

1.04 QUALITY ASSURANCE:

A. Design Standards:

1. Within the limits of constraints imposed by existing conditions, it is intended that the work of this contract shall comply with the following requirements:
 - a. American National Spa and Pool Institute Standard for Public Swimming Pools ANSI/NSPI-1 (2003).
 - b. State of Connecticut Health Code, Latest Version
 - c. National Electrical Code, Article 680
 - d. National Sanitation Foundation Standards for Swimming Pool Equipment. (N.S.F.)
 - e. State of Connecticut Building Code, Latest Version
 - f. Virginia Graeme Baker Pool and Spa Safety Act VGB 2008
 - g. NSF/ANSI Standard 50 – Equipment for Swimming Pools, Spas, Hot Tubs and Recreational Water Facilities.
 - h. United States Department of Justice – Americans with Disabilities Act (ADA)
 - i. Standards for main drains, ASME A112.19.8-2007/8A-2008.

- B. Experience Qualifications: Work shall be performed by or under direct supervision of Splash Pad Contractor with 5 years' experience in construction and equipping of public Splash Pads. Submit list of 5 public projects, completed at least five years, for which Splash Pad contractor was responsible for constructing a similar feature for public use.

- C. Installation of Splash Pad System and Equipment: Splash Pad equipment and system shall be installed by a Splash Pad Contractor experienced in Splash Pad work and licensed or approved by manufacturer to ensure installation and performance in accordance with manufacturer's warranties and guarantees.

1.05 SUBMITTALS:

- A. Shop Drawings: Submit coordinated splash pad structural steel shop drawings, showing types of anchors and method of anchoring fixed equipment. Provide rough-in information interfacing mechanical and electrical work and accurately dimensioned locations for sleeves, inserts, and anchors to be cast into concrete and installed into the building structure. Contractor shall submit on all materials to be supplied in the construction of this project, certifications, and resumes as stated in each section.
- B. Certification: Submit complete equipment list and duplicate copies of certificate from equipment manufacturer, properly attested, with statement that materials meet requirements of Contract Documents. Submit certificate for approval before doing any work.
- C. Product Data: Submit manufacturer's data for operating equipment, valves, piping, drains, and equipment. Include roughing-in information for mechanical and electrical work. Product data shall be job specific. Generic submittals will be rejected.
- D. Contract Documents: Drawings are diagrammatic in part and are meant to indicate general arrangement of systems and equipment. Information shown on plans but not on Sections or schedules and vice-versa, shall be provided as if expressly required on both. It is not intended that Contract Documents indicate every fitting offset, line or component necessary for particular supplier's system; but it is intended that systems and equipment supplied shall be complete and operational, whether or not shown or specified. Specified items may in fact be disapproved during Submittal Review if they do not form part of a complete system. Contractor shall submit to the Engineer their proposed piping and equipment layout for the Splash Pad.
- E. Health Department: Contractor shall be responsible for submittal and cost of submissions to regulatory agencies including: Connecticut Department of Public Health and any other agencies having jurisdiction.
- F. Permits: Contractor shall be responsible for obtaining and paying for all permits, inspections, licenses and certificates required for work under this Section.

1.06 PRODUCT DELIVERY, STORAGE AND HANDLING:

- A. Deliver material in manufacturer's original, unopened containers and crates with all labels intact and legible.

- B. Deliver materials in sufficient time and quantity to allow continuity of work and compliance with approved construction schedule.
- C. Handle materials in a manner to prevent damage.
- D. Store all materials on clean raised platforms with weather protective covering when stored outdoors. Provide continuous protection of materials against damage and deterioration.
- E. Remove damaged materials from site.

1.07 GUARANTEES:

- A. Provide standard written manufacturers' guarantees in the Owner's name for materials furnished under this Section where such guarantees are offered in the manufacturers' published product data.
- B. Furnish written warranty for materials and workmanship of systems installed under this Section against defect in materials and workmanship for 1 year.
- C. The Contractor warrants to the Owner that materials and equipment furnished under the Contract will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Work will be free from defects not inherent in the quality required or permitted and that the Work will conform with the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, improper or insufficient maintenance, improper operation or insufficient maintenance, improper operation, modification not executed by the Contractor or the Owner; the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. All warranties shall be for a period of one year from the date of Substantial Completion unless otherwise specified.
- D. The Contractor shall agree to repair or replace any Work at no cost to the Owner, upon written notification from the Owner within the warranty period. Prorated warranties are not acceptable.

PART 2 – PRODUCTS

2.01 MANUFACTURERS:

- A. Products of particular manufacturers have been specified to establish a standard of quality and performance.

- B. Proposals, including list of manufacturers and itemized products for other systems, will be reviewed by Engineer to determine their comparability to scope and quality required by Contract Documents.
- C. All equipment furnished hereunder shall be by manufacturers with at least 5 years' experience in the fabrication and installation of the item specified with at least 10 installations on public splash pads similar in scope to this project.

PART 3 – EXECUTION

3.01 TESTING, OPERATION, AND INSPECTION:

- A. Splash Pad Piping: Test Splash Pad piping to 35-psi hydrostatic pressure before placement of covering concrete slabs. Pressure shall remain on piping until the commissioning of the filtration equipment.
- B. Water for testing will be provided by Owner.
- C. Test should be done after installation of features.
- D. Contractor shall coordinate inspector services for all concrete and steel reinforcing.
- E. Additional testing requirements are required per the individual Specification Section for the Splash Pad.
- F. Splash Pad Contractor shall start up, balance, and operate the splash pad until substantial completion has been granted.
- G. Splash Pad Contractor shall winterize the splash pad after the first season and shall start up the splash pad after the first winterization.
- H. All training that will occur on any equipment shall be performed by a certified manufacturers representative and the Contractor shall video tape the training, and provide to the Owner on a DVD, Flash Drive, and an electronic copy, for future training for personnel.

END OF SECTION

SECTION 31 50 00

SUPPORT OF EXCAVATION

PART 1 - GENERAL

1.01 WORK INCLUDED:

- A. This section covers wood and steel sheeting or soldier piles and lagging with internal bracing for support of excavations. The requirements of this section shall also apply, as appropriate, to any methods of excavation support and underpinning which the Contractor elects to use to complete the work.
- B. The Contractor shall furnish and place timber or steel sheeting or soldier piles and lagging of the kinds and dimensions required, complying with these specifications, where required by regulation, indicated on the drawings or required by the Engineer.
- C. Vibration monitoring shall be provided during installation and extraction of sheeting whenever the braced excavation is adjacent to existing structures, in critical areas as noted in the contract documents, or as requested by the Engineer.
- D. Routine monitoring of the in-place excavation support system shall be provided.

1.02 RELATED WORK:

- A. Section 31 00 00, EARTHWORK
- B. Section 31 23 19, DEWATERING

1.03 QUALITY ASSURANCE:

- A. This project is subject to the Safety and Health regulations of the U.S. Department of Labor set forth in 29 CFR, Part 1926, and to the Connecticut Occupational Safety and Health Act (Chapter 571 of the Connecticut General Statutes). Contractors shall be familiar with the requirements of these regulations.
- B. The Contractor is responsible for the adequacy of the excavation support system and shall retain the services of a Professional Engineer registered in the State of Connecticut, hereinafter referred to as the "Contractor's Engineer", shall design the required excavation support systems. The Contractor's Professional Engineer shall practice in a discipline applicable to excavation work, shall have experience in the design of excavation support systems and shall design in conformance with OSHA requirements. The Contractor's Professional Engineer shall provide sufficient on-site inspection and supervision to assure

that the excavation support system is installed and functions in accordance with his design. Criteria listed herein defining the responsibilities of the Contractor's Professional Engineer are minimum requirements.

1.04 REFERENCES:

The following standards form a part of this specification as referenced herein.

American Society for Testing and Materials (ASTM)

ASTM	A6	General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use
ASTM	A328	Steel Sheet Piling

1.05 SUBMITTALS:

- A. At least three weeks before starting installation of the excavation support system, the Contractor shall submit the attached Certificate of Design completed and signed by the Contractor and the Professional Engineer, identifying the Contractor's Professional Engineer who will be responsible for design of the excavation support system, and including, for record purposes only:
1. An overall time schedule for construction of the braced excavation system.
 2. A description of the anticipated sequence of construction.
 3. Three (3) copies each of:
 - a. Complete details of braced excavation methods, equipment and sizes and lengths of materials proposed to be used.
 - b. Details of vibration monitoring devices and reports.
 - c. Details of the means and methods that will be used in monitoring the integrity of the support system during its entire period of use to insure the safety of the excavation.
 - d. Complete computations for the design of the braced excavation system bearing the seal of the responsible Professional Engineer duly registered licensed to practice within a discipline applicable to excavation work, in the state where the project is located.
 - e. Any other pertinent data required for record purposes by the Engineer.
- B. Receipt of the information by the Engineer will not relieve the Contractor of the sole responsibility for the adequacy of the braced excavation system, and for assuring that there

will be no resulting damage to adjacent pavement, utilities or structures, and for providing safe conditions within the sheeted areas.

- C. Further for the record, upon completion of the work of this section, the Contractor shall submit 3 copies of all records of survey, vibration monitoring and inspection of existing structures to the Owner's Engineer.

PART 2 - PRODUCTS

2.01 MATERIALS:

- A. Timber sheeting shall be sound spruce, pine, or hemlock, and either tongue and grooved or splined. Timber sheeting shall not be less than nominal 2-inches thick.
- B. Where steel sheet piling is indicated on the drawings or installation is ordered by the Engineer or required by OSHA standards, the material shall be of such size and strength as required by the excavation support design prepared and submitted by the Contractor's Professional Engineer. Steel sheet piling may be new or used material but shall not contain splices, cutouts, patches, or other alterations which would impair its integrity or strength. Steel sheeting shall be an approved standard section, weighing not less than 22 pounds per square foot of wall and conforming to ASTM A6 and A328.
- C. Where soldier piles and lagging are used, the steel piles shall conform to ASTM A6, and the lagging shall meet the requirements for timber sheeting, as defined above.
- D. Timber and steel used for bracing shall be of such size and strength as required in the excavation support design prepared and submitted by the Contractor's Professional Engineer. Timber or steel used for bracing shall be new or undamaged used material which does not contain splices, cutouts, patches, or other alterations which would impair its integrity or strength.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Work shall not be started until all materials and equipment necessary for construction are either on the site of the work or satisfactorily available for immediate use as required.
- B. The sheeting/lagging shall be sufficiently tight to minimize any resulting lowering of the groundwater level outside the excavation, as required in Section 31 23 19, DEWATERING.
- C. The sheeting/piling shall be driven by approved means to the design elevation. No ends or edges of sheeting/piling shall be left exposed in a manner which could create a possible hazard to safety of the public or a hindrance to traffic of any kind.

- D. If boulders or very dense soils are encountered, making it impractical to drive a sheeting/piling section to the desired depth, the section shall be treated as directed by the Contractor's Engineer.
- E. Within seven days of completing the initial installation of the earth support system, the Contractor shall submit a certification from his Professional Engineer, stating that the excavation support system as installed is in general compliance with the design or approved modifications thereto.
- F. The sheeting/piling shall be left in place where indicated on the drawings or required by the Engineer in writing. At all other locations, the sheeting/piling may be left in place or salvaged at the option of the Contractor. Wood or steel sheeting/piling permanently left in place shall be cut off at a depth of not less than two feet below finish grade unless otherwise required.
- G. All cut-off material are the property of the Contractor and shall be promptly removed by it from the site.
- H. The satisfactory construction and maintenance of the excavation support system, complete in place, shall be the responsibility of the Contractor.
- I. The Contractor shall be responsible for promptly repairing all damage to adjacent structures caused by the installation, performance, or removal of the excavation support system.

END OF SECTION

CERTIFICATE OF DESIGN

RE: Contract between
 OWNER: _____
 and (Name)
 CONTRACTOR: _____
 on (Name)
 CONTRACT: _____
 (Title)

 (Number) (Date)

The undersigned hereby certify that the engineer listed below:

1. Is a licensed or registered to perform professional engineering work in the State of Connecticut.
2. Is qualified by education and training to design the _____ specified in Section _____ of subject contract;
3. Has previously designed comparable excavation support systems;
4. Has prepared the design in full compliance with the requirements of subject contract, including all applicable laws, regulations, rules, and codes; and
5. Will inspect and supervise installation of the excavation support system and will monitor the in-place system to confirm that the system is installed and functions in accordance with the design.

CONTRACTOR

ENGINEER

By: _____
(Signature)

By: _____
(Signature)

(Name)

(Name)

(Title)

(Engineering Discipline)

(Date)

(Date)

TOWN OF EAST WINDSOR

EAST WINDSOR PARK MUNICIPAL SPLASH PAD

27 RESERVOIR AVE, BROAD BROOK, CT 06016

BID DOCUMENTS
MARCH 25, 2020

ADDENDUM No. 1 - APRIL 10, 2020

OWNER

TOWN OF EAST WINDSOR, CONNECTICUT

MR. JOSEPH SAUERHOEFER
OPERATIONS MANAGER
jsauerhoefer@eastwindsorct.com
860-292-7073

LANDSCAPE ARCHITECT / ENGINEER: WESTON & SAMPSON ENGINEERS, INC.

Weston & Sampson
design studio

273 DIVIDEND ROAD
ROCKY HILL, CT 06067
(860) 513-1473



PLAN RENDERING FOR ILLUSTRATIVE PURPOSES ONLY

PREPARED BY

Weston & Sampson
design studio

Weston & Sampson Engineers, Inc.
273 Dividend Road
Rocky Hill, CT 06067
(860) 513-1473

www.westonandsampson.com



LOCATION MAP
N.T.S.

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Know what's below.
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GENERAL NOTES

- PROPERTY LINES, SITE SURVEY AND TOPOGRAPHICAL INFORMATION BASED ON THE GROUND SURVEY PERFORMED BY J.R. RUSSO & ASSOCIATES, LLC DATED JUNE 17, 2019.
- ALL BIDDERS ARE REQUIRED TO INSPECT THE PROJECT SITE IN ITS ENTIRETY PRIOR TO SUBMITTING THEIR BID, AND BECOME FAMILIAR WITH ALL CONDITIONS AS THEY MAY AFFECT THEIR BID. CONTRACTOR AND SUB-CONTRACTOR SHALL BE FAMILIAR WITH ALL DRAWINGS AND SPECIFICATIONS PRIOR TO COMMENCING THE CONSTRUCTION.
- LOCATIONS OF ANY UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SUCH UTILITIES, PROTECTING ALL EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WITH UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" AT 811 NO LESS THAN 72 HOURS, (EXCLUSIVE OF WEEKENDS AND HOLIDAYS) PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE PRIOR TO EXCAVATION WORK.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF THE CONFLICT.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY OWNER AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXTENT OF EXCAVATION AND DEMOLITION REQUIRED TO RECEIVE SITE IMPROVEMENTS.
- ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, EXISTING CONDITIONS TO REMAIN, TEMPORARY CONSTRUCTION, PERMANENT CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING. ITEMS ENCOUNTERED IN AREAS OF EXCAVATION THAT ARE NOT INDICATED ON THE DRAWINGS, BUT ARE VISIBLE ON SURFACE SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.
- ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE GENERAL CONTRACTOR ON "AS-BUILT" DRAWINGS.
- ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS OUTSIDE THE PROJECT LIMITS, SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.
- ALL WORK SHOWN ON THE PLANS AS BOLD SHALL REPRESENT PROPOSED WORK. THE TERM "PROPOSED (PROP)" INDICATES WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND SALVAGE (R&S)", OR REMOVE, RELOCATE, SALVAGE, (R,R&S).
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT HIS EMPLOYEES, AS WELL AS PUBLIC USERS FROM INJURY DURING THE ENTIRE CONSTRUCTION PERIOD USING ALL NECESSARY SAFEGUARDS, INCLUDING BUT NOT LIMITED TO, THE ERECTION OF TEMPORARY WALKS, STRUCTURES, PROTECTIVE BARRIERS, COVERING, OR FENCES AS NEEDED.
- THE CONTRACTOR SHALL SUPPLY THE OWNER WITH THE NAME OF THE OSHA "COMPETENT PERSON" PRIOR TO CONSTRUCTION.
- FILLING OF EXCAVATED AREAS SHALL NOT TAKE PLACE WITHOUT THE PRESENCE OR PERMISSION OF THE OWNER.
- EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. NO STOCKPILING OF MATERIAL, EQUIPMENT OR VEHICULAR TRAFFIC SHALL BE ALLOWED WITHIN THE DRIP LINE OF TREES TO REMAIN. NO GUYS SHALL BE ATTACHED TO ANY TREE TO REMAIN. WHEN NECESSARY OR AS REQUIRED BY THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL ERECT TEMPORARY BARRIERS FOR THE PROTECTION OF EXISTING TREES DURING CONSTRUCTION.
- TREES AND SHRUBS WITHIN THE LIMITS OF WORK SHALL BE REMOVED ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT OR AS NOTED ON THE PLANS.
- NO FILLING SHALL OCCUR AROUND EXISTING TREES TO REMAIN WITHOUT THE APPROVAL OF THE OWNER OR OWNER REPRESENTATIVE.
- THE CONTRACTOR SHALL REMOVE ALL SURFACE VEGETATION PRIOR TO GRADING THE SITE. TREES AND STUMPS SHALL BE REMOVED AND DISPOSED COMPLETELY BY CONTRACTOR. TEMPORARY EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS (INCLUDING SILT FENCE, STRAW WATTLES, OR SILT SOCKS) SHALL BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE PROJECT WHICH COST SHALL BE INCIDENTAL TO THE PROJECT.
- THE CONTRACTOR SHALL COORDINATE THE OFF-SITE DISPOSAL OF ALL UNSUITABLE EXCESS SOIL WITH THE OWNER. THE OWNER WILL BE RESPONSIBLE FOR HAULING AWAY AND DISPOSAL OF UNSUITABLE SOIL TO A NEARBY, OFF-SITE LOCATION. REMOVAL ACTIVITIES SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS AT NO ADDITIONAL COST TO THE OWNER. SUITABLE SOIL EXCAVATION AS PART OF THE PROJECT MUST MEET ONE OR MORE OF THE MATERIAL REQUIREMENTS SPECIFIED. ON-SITE FILL MATERIALS, WHICH DO NOT CONFORM TO THE SPECIFICATIONS, SHALL NOT BE USED BELOW ANY STRUCTURES. IF THE CONTRACTOR PROPOSES TO USE THE EXISTING FILL ON SITE BELOW PAVEMENT AREAS, HE MUST DEMONSTRATE THAT THE FILL MEETS THE REQUIREMENTS PER THE SPECIFICATIONS. ALL EXCAVATED FILL MATERIAL WHICH DOES NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT NO ADDITIONAL COST AND AS DESCRIBED ABOVE.
- NO FILL SHALL CONTAIN HAZARDOUS MATERIALS.
- CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AROUND PERIMETER OF WORK AREA (LIMIT OF WORK). FENCE SHALL NOT IMPEDE TRAVEL WAYS.
- ANY QUANTITIES SHOWN ON PLANS ARE FOR COMPARATIVE BIDDING PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE PROJECT SITE TO VERIFY ALL QUANTITIES AND CONDITIONS PRIOR TO SUBMITTING BID.
- ALL EXISTING DRAINAGE FACILITIES TO REMAIN SHALL BE MAINTAINED FREE OF DEBRIS, SOIL, SEDIMENT, AND FOREIGN MATERIAL AND OPERATIONAL THROUGHOUT THE LIFE OF THE CONTRACT. REMOVE ALL SOIL, SEDIMENT, DEBRIS AND FOREIGN MATERIAL FROM ALL DRAINAGE STRUCTURES, INCLUDING BUT NOT LIMITED TO, DRAINAGE INLETS, MAN-HOLES AND CATCH BASINS WITHIN THE LIMIT OF WORK AND DRAINAGE STRUCTURES OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE WORK FOR THE ENTIRE DURATION OF CONSTRUCTION.
- CONTRACTOR'S STAGING AREA MUST BE WITHIN THE CONTRACT LIMIT LINE AND IN AREAS APPROVED BY OWNER. ANY OTHER AREAS THAT THE CONTRACTOR MAY WISH TO USE FOR STAGING MUST BE COORDINATED WITH THE OWNER.
- THE CONTRACTOR SHALL KEEP ALL STREETS, PARKING LOTS AND WALKS THAT ARE NOT RESTRICTED FROM PUBLIC USE DURING CONSTRUCTION BROOM CLEAN AT ALL TIMES. THE CONTRACTOR SHALL USE ACCEPTABLE METHODS AND MATERIALS TO MAINTAIN ADEQUATE DUST CONTROL THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER.
- CONTRACTOR SHALL DEWATER AS NECESSARY TO PERFORM THE PROPOSED WORK. CONTRACTOR SHALL BE AWARE OF PERCHED GROUNDWATER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE LIMIT OF WORK SHALL BE DELINEATED IN THE FIELD PRIOR TO THE START OF SITE CLEARING OR CONSTRUCTION AND AGREED UPON WITH THE LANDSCAPE ARCHITECT.
- HAULING OF EARTH MATERIALS TO AND FROM THE SITE SHALL BE RESTRICTED TO THE HOURS OF 7 AM TO 5

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- WORK ON SATURDAYS SHALL ONLY BE CONDUCTED IF PRIOR WRITTEN PERMISSION IS PROVIDED BY THE OWNER. COORDINATE AND OBTAIN APPROVAL OF CONSTRUCTION OPERATION SCHEDULE WITH OWNER PRIOR TO COMMENCING WORK.
 - NO TRUCKS ARE TO BE LEFT IDLING ON PUBLIC STREETS DURING CONSTRUCTION. CONSTRUCTION TRAFFIC AT NO TIME SHALL IMPEDE FLOW OF RESIDENT TRAFFIC. COORDINATE CONSTRUCTION TRAFFIC WITH OWNER PRIOR TO COMMENCING WORK.

EROSION AND SEDIMENT CONTROL NOTES

- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE PUT INTO PLACE PRIOR TO BEGINNING ANY CONSTRUCTION OR DEMOLITION. REFER TO PLANS FOR APPROXIMATE LOCATION OF EROSION AND SEDIMENT CONTROL. REFER TO SPECS AND DETAILS FOR TYPE OF EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF ALL CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL MEET 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, AND ALL OTHER APPLICABLE STATE OF CONNECTICUT AND TOWN OF EAST WINDSOR WETLAND ORDINANCE REGULATIONS FOR SEDIMENT AND EROSION CONTROL.
- EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNERS REPRESENTATIVE.
- ALL CATCH BASINS AND DRAIN GRATES WITHIN LIMIT OF CONTRACT SHALL BE PROTECTED WITH SILT SACKS DURING THE ENTIRE DURATION OF CONSTRUCTION.
- EROSION CONTROL BARRIERS TO BE INSTALLED AS IDENTIFIED ON THE PLANS. SEE PLANS FOR ADDITIONAL NOTES, DETAILS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC/PRIVATE ROADS.

DEMOLITION & SITE PREPARATION NOTES

- THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF REMOVING ANY EXISTING SITE FEATURES AND APPURTENANCES NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO INCLUDE IN THE BID THE COST NECESSARY TO RESTORE SUCH ITEMS IF THEY ARE SCHEDULED TO REMAIN AS PART OF THE FINAL SITE IMPROVEMENTS. REFER TO PLANS TO DETERMINE EXCAVATION, DEMOLITION AND TO DETERMINE THE LOCATION OF THE PROPOSED SITE IMPROVEMENTS.
- THE OWNER RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF THE OWNER RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO HAVE THOSE MATERIALS REMOVED OFF-SITE AT NO ADDITIONAL COST.
- UNLESS SPECIFICALLY NOTED TO BE REMOVED / SALVAGED (R&S), ALL SITE FEATURES CALLED FOR REMOVAL (REM) SHALL BE REMOVED WITH THEIR FOOTINGS, ATTACHMENTS, BASE MATERIAL, ETC, TRANSPORTED FROM THE SITE TO BE DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE AND AT NO ADDITIONAL COST TO THE OWNER.
- ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNERS REPRESENTATIVE AT NO ADDITIONAL COST.
- DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF EXCAVATION AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING. ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK.
- IT SHALL BE THE CONTRACTOR'S OPTION, WITH CONCURRENCE OF THE OWNER, TO REUSE EXISTING GRAVEL IF IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS FOR GRAVEL BORROW.
- "CLEARING AND GRUBBING" SHALL INCLUDE REMOVAL OF GRASS, SHRUBS, AND UNDERBRUSH, REMOVAL OF ROOTS, ROUGH GRADING, INSTALLATION OF LOAM (IF APPLICABLE), FINE GRADING, SEEDING AND TURF ESTABLISHMENT BY THE CONTRACTOR.
- TREES DESIGNATED FOR REMOVAL SHALL BE TAGGED BY CONTRACTOR AND APPROVED BY OWNERS REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE STORAGE OF MATERIALS AND EQUIPMENT WILL BE PERMITTED AT LOCATIONS DESIGNATED BY OWNER OR OWNER'S REPRESENTATIVE. PROTECTION OF STORED MATERIALS AND EQUIPMENT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN, CONTRACTOR SHALL INSTALL TREE PROTECTION BARRIER AFTER CLEARING UNDERBRUSH AND TAKE DUE CARE TO PREVENT INJURY TO TREES DURING CLEARING OPERATIONS.

LAYOUT & MATERIALS NOTES

- REFER TO EXISTING CONDITIONS PLAN FOR SURVEY INFORMATION (SHEET "1 OF 1").
- COORDINATE ALL LAYOUT ACTIVITIES WITH THE SCOPE OF WORK CALLED FOR BY DEMOLITION, GRADING AND UTILITIES OPERATIONS ENCOMPASSED BY THIS CONTRACT. SET, PROTECT AND REPLACE REFERENCE STAKES AS NECESSARY OR AS REQUIRED BY THE OWNER'S REPRESENTATIVE.
- ALL WORK SHALL BE PERFORMED BY CONTRACTOR UNLESS SPECIFICALLY INDICATED THAT THE WORK WILL BE PERFORMED "BY OTHERS" OR "UNDER SEPARATE CONTRACT".
- THE LAYOUT OF SITE AMENITIES AND FENCES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- THE LAYOUT OF ALL NEW PATHWAYS / WALKWAYS AND THE GRADING OF ALL SLOPES AND CROSS SLOPES SHALL CONFORM TO STATE OF CONNECTICUT REQUIREMENTS AND THE AMERICANS WITH DISABILITIES ACT (ADA), TITLE 3. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE REQUIRED.
- ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF INSTALLATION. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AT NO ADDITIONAL COST TO THE OWNER. ALL LAYOUT SHALL BE PERFORMED BY A CONNECTICUT REGISTERED PROFESSIONAL LAND SURVEYOR.
- ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES. ALL BITUMINOUS CONCRETE SHALL BE TREATED WITH AN RS-1 TACK COAT AT POINT OF CONNECTION. ALL PATHWAY WIDTHS SHALL BE AS NOTED ON THE LAYOUT AND MATERIALS PLAN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD MEASUREMENT OF ALL PROPOSED FENCES AND GATES.
- THE DEPTH OF LOAM BORROW FOR ALL PROPOSED LAWN AREAS SHALL BE 6" MINIMUM. ALL DISTURBED AREAS SHALL BE RESTORED WITH LOAM AND SEED UNLESS OTHERWISE NOTED.
- REFER TO DETAIL DRAWINGS FOR CONSTRUCTION DETAILS.
- SURVEY CONTROL POINTS AND COORDINATES ARE INDICATED ON THE PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT OR CREATE HIS OWN PROTECTED CONTROL POINTS FROM THIS INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL LAYOUT POINTS ARE CONSISTENT WITH CONTROL INFORMATION, RESETTING OF DAMAGED OR MISSING LAYOUT MARKERS AS NECESSARY IS AT NO ADDITIONAL COST TO THE OWNER.

GRADING, UTILITIES & DRAINAGE NOTES

- ALL WORK RELATING TO INSTALLATION, RENOVATION OR MODIFICATION OF WATER, DRAINAGE AND/OR SEWER SERVICES SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF THE TOWN OF EAST WINDSOR, WHERE APPLICABLE, AND APPLICABLE STATE CODES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- ALL GRADING IS TO BE SMOOTH AND CONTINUOUS WHERE PROPOSED SURFACES MEET EXISTING SURFACES. ELIMINATE ROUGH SPOTS AND ABRUPT GRADE CHANGES AND MEET LINE AND GRADE OF EXISTING CONDITIONS WITH NEW IMPROVEMENTS.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE (1.5% MINIMUM) AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.
- CONTRACTOR SHALL ENSURE ALL AREAS ARE PROPERLY PITCHED TO DRAIN, WITH NO SURFACE WATER PONDING OR PUDDLING.
- MINIMUM CROSS SLOPE ON ALL WALKWAYS WILL BE 1.0% TO PROVIDE POSITIVE DRAINAGE. MAXIMUM ALLOWABLE CROSS SLOPE WILL BE .67 OR 1.5%. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.
- ALL UTILITY GRATES, COVERS OR OTHER SURFACE ELEMENTS INTENDED TO BE EXPOSED AT GRADE SHALL BE FLUSH WITH THE ADJACENT FINISHED GRADE AND ADJUSTED TO PROVIDE A SMOOTH TRANSITION AT ALL EDGES.
- THE CONTRACTOR SHALL SET SUBGRADE ELEVATIONS TO ALLOW FOR POSITIVE DRAINAGE AND PROVIDE EROSION CONTROL DEVICES, STRUCTURES, MATERIALS AND CONSTRUCTION METHODS TO DIRECT SILT MIGRATION AWAY FROM DRAINAGE AND OTHER UTILITY SYSTEMS, PUBLIC/PRIVATE STREETS AND WORK AREAS. CLEAN BASINS REGULARLY AS NEEDED AND AT THE END OF THE PROJECT.
- EXCAVATION REQUIRED WITHIN PROXIMITY OF KNOWN EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES CAUSED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.
- WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED CONTOURS.
- RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO LOAM AND SEED UNLESS OTHERWISE NOTED.
- SEE EARTHWORK SECTION OF SPECIFICATIONS FOR SPECIFIC EXCAVATION AND FILLING PROCEDURES.

Project:

TOWN OF EAST WINDSOR, CT



EAST WINDSOR PARK MUNICIPAL SPLASH PAD
27 RESERVOIR AVE,
BROAD BROOK, CT 06016

Weston & Sampson

273 Dividend Road,
Rock Hill, CT 06607
860.513.1473 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

Rev	Date	Description
1	4/10/2020	ADDENDUM 1

Seal:



BID DOCUMENTS

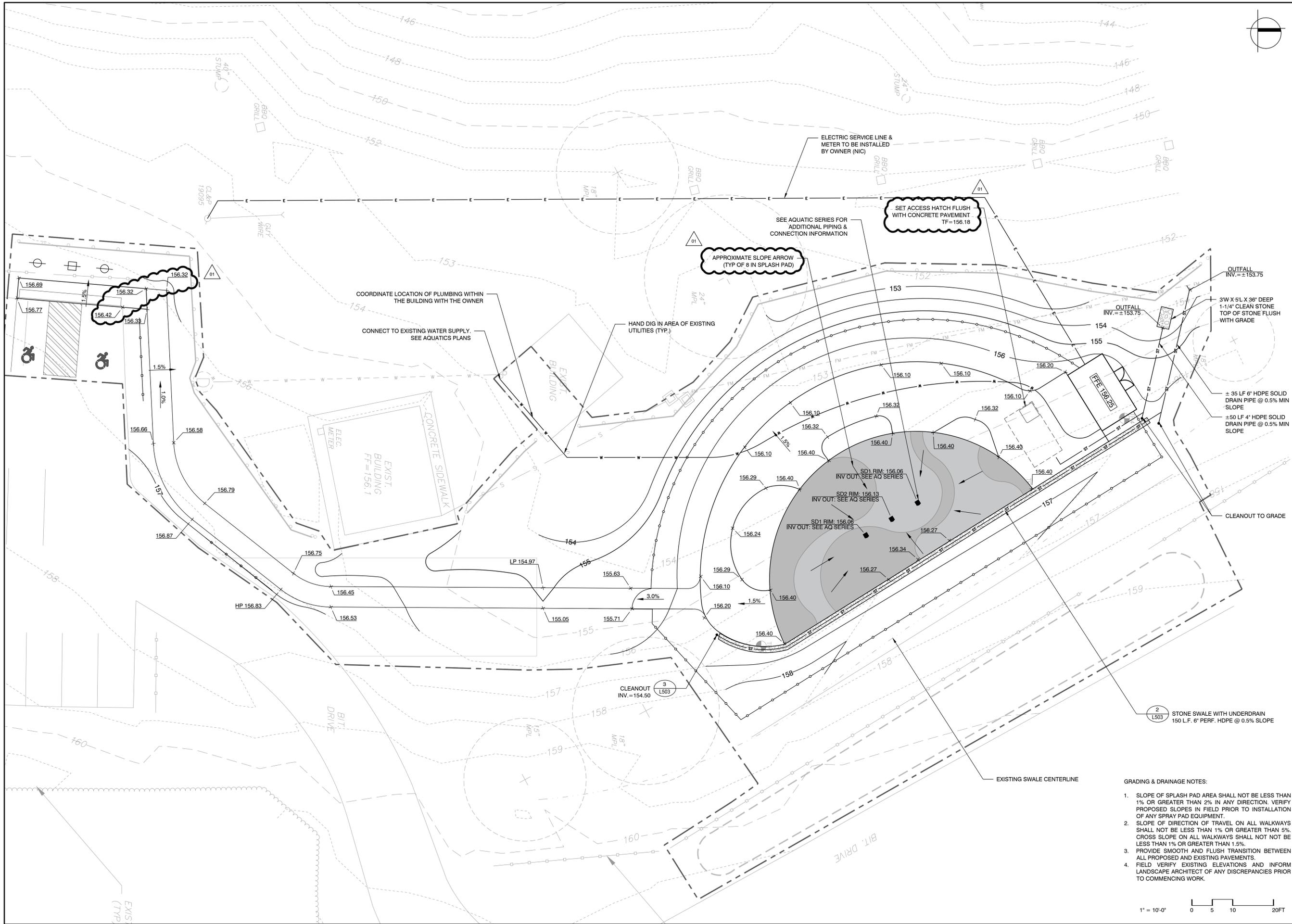
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Drawn By: JWG
Reviewed By: RC
Checked By: BK
Approved By: CFR

Drawing Title:

GENERAL NOTES

Sheet Number:

L001



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Revisions:

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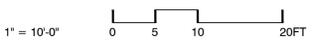


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Scale:	As Noted
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Reviewed By:	RC
Checked By:	BK
Approved By:	CFR

Drawing Title:
GRADING AND DRAINAGE PLAN
 Sheet Number:
L103

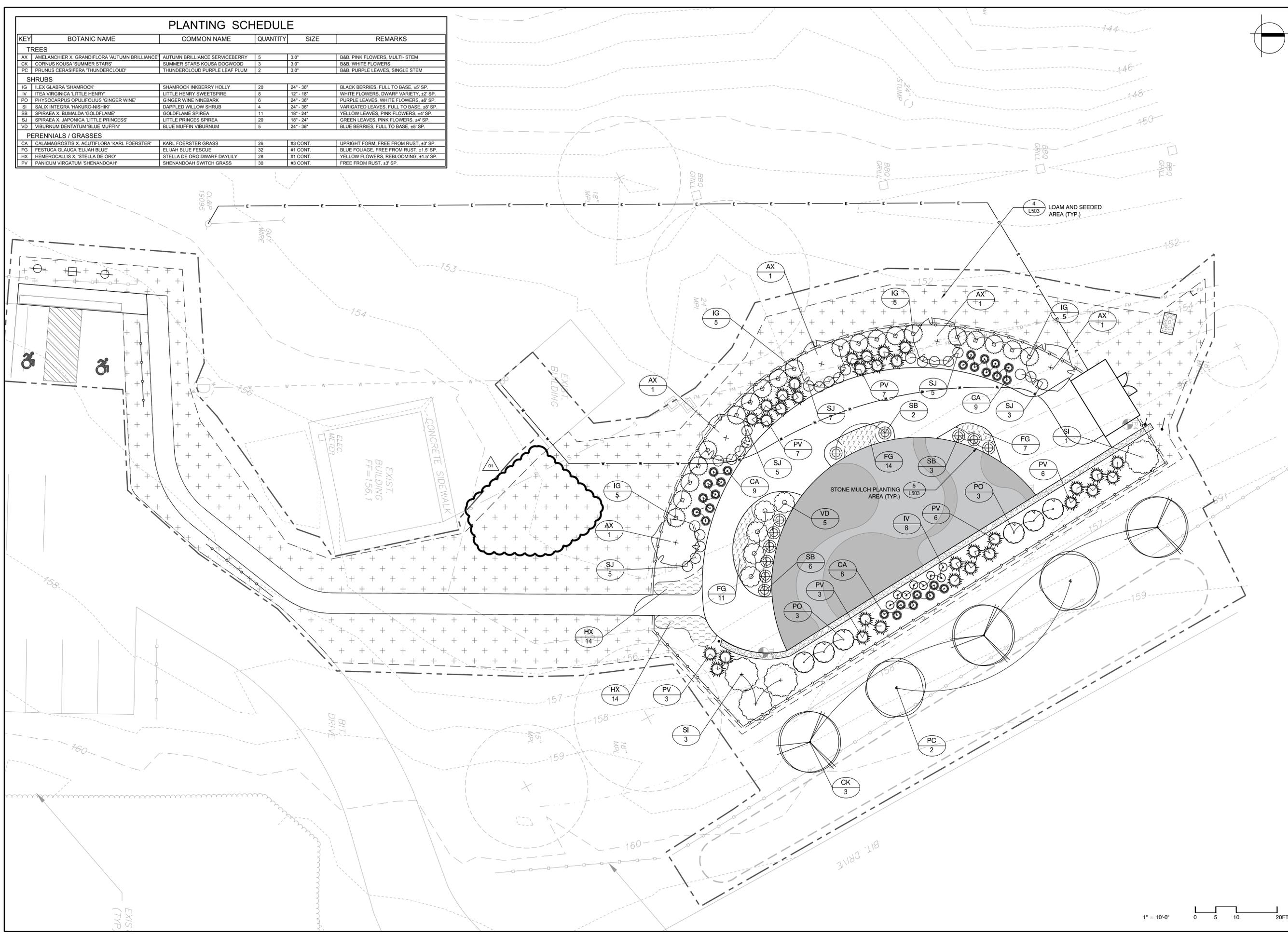
- GRADING & DRAINAGE NOTES:**
- SLOPE OF SPLASH PAD AREA SHALL NOT BE LESS THAN 1% OR GREATER THAN 2% IN ANY DIRECTION. VERIFY PROPOSED SLOPES IN FIELD PRIOR TO INSTALLATION OF ANY SPRAY PAD EQUIPMENT.
 - SLOPE OF DIRECTION OF TRAVEL ON ALL WALKWAYS SHALL NOT BE LESS THAN 1% OR GREATER THAN 5%. CROSS SLOPE ON ALL WALKWAYS SHALL NOT BE LESS THAN 1% OR GREATER THAN 1.5%.
 - PROVIDE SMOOTH AND FLUSH TRANSITION BETWEEN ALL PROPOSED AND EXISTING PAVEMENTS.
 - FIELD VERIFY EXISTING ELEVATIONS AND INFORM LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.



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PLANTING SCHEDULE

KEY	BOTANIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES					
AX	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	5	3.0"	B&B, PINK FLOWERS, MULTI-STEM
CK	CORNUS KOUSA 'SUMMER STARS'	SUMMER STARS KOUSA DOGWOOD	3	3.0"	B&B, WHITE FLOWERS
PC	PRUNUS CERASIFERA 'THUNDERCLOUD'	THUNDERCLOUD PURPLE LEAF PLUM	2	3.0"	B&B, PURPLE LEAVES, SINGLE STEM
SHRUBS					
IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	20	24" - 36"	BLACK BERRIES, FULL TO BASE, #5 SP.
IV	ITEA VIRGINICA 'LITTLE HENRY'	LITTLE HENRY SWEETSPIRE	8	12" - 18"	WHITE FLOWERS, DWARF VARIETY, #2 SP.
PO	PHYSOCARPUS OPULIFOLIUS 'GINGER WINE'	GINGER WINE NINEBARK	6	24" - 36"	PURPLE LEAVES, WHITE FLOWERS, #6 SP.
SI	SAUX INTEGRA 'KAKURO-NISHIKI'	DAPPLED WILLOW SHRUB	4	24" - 36"	VARIGATED LEAVES, FULL TO BASE, #8 SP.
SB	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	11	18" - 24"	YELLOW LEAVES, PINK FLOWERS, #4 SP.
SJ	SPIRAEA X JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCES SPIREA	20	18" - 24"	GREEN LEAVES, PINK FLOWERS, #4 SP.
VD	VIBURNUM DENTATUM 'BLUE MUFFIN'	BLUE MUFFIN VIBURNUM	5	24" - 36"	BLUE BERRIES, FULL TO BASE, #5 SP.
PERENNIALS / GRASSES					
CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER GRASS	26	#3 CONT.	UPRIGHT FORM, FREE FROM RUST, #3 SP.
FG	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	32	#1 CONT.	BLUE FOLIAGE, FREE FROM RUST, #1.5 SP.
HX	HEMEROCALLIS X 'STELLA DE ORO'	STELLA DE ORO DWARF DAYLILY	28	#1 CONT.	YELLOW FLOWERS, REBLOOMING, #1.5 SP.
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	30	#3 CONT.	FREE FROM RUST, #3 SP.



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Consultants:

Revisions:

Rev	Date	Description
1	4/10/2020	ADDENDUM 1

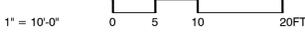
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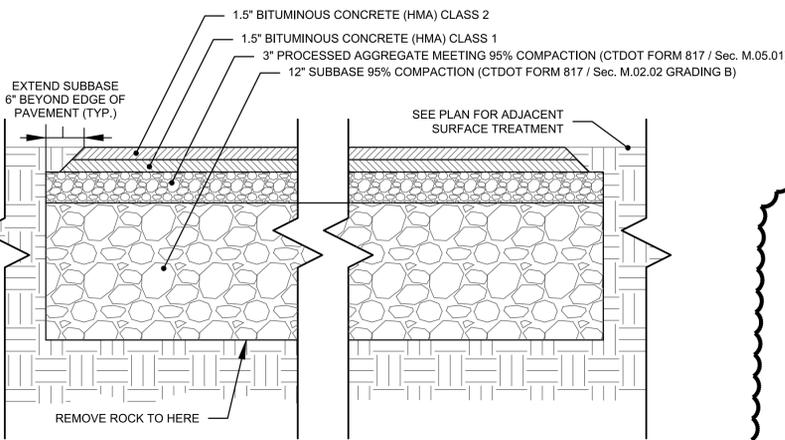
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PLANTING AND LANDSCAPING PLAN

Sheet Number:
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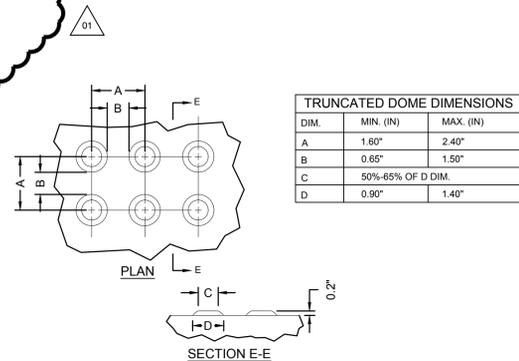
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- NOTES:
- CONTRACTOR SHALL MAINTAIN POSITIVE SURFACE DRAINAGE (SEE GRADING PLANS).
 - PRIOR TO PLACING 12" SUBBASE BASE, SUBGRADE SHALL BE CERTIFIED AS MEETING CONN DOT SPECIFICATIONS.
 - ALL WORK SHALL TO CONFORM TO DEPARTMENT OF PUBLIC WORKS STANDARDS, AND SHALL BE CERTIFIED BY A REGISTERED PROFESSIONAL.

1 BITUMINOUS CONCRETE WALK

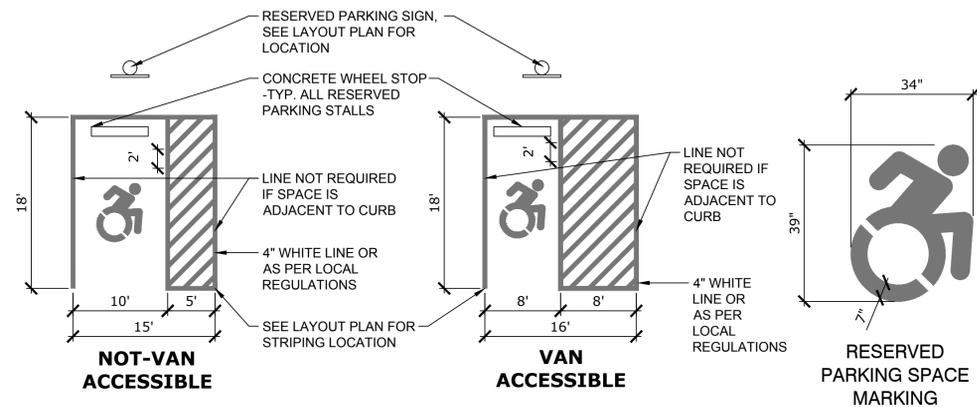
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- NOTES:
- THE DETECTABLE WARNING PANEL SHALL BE A PREFABRICATED DETECTABLE WARNING SURFACE TILE THAT IS CAST IN PLACE AND REPLACEABLE.
 - MANUFACTURER: ALERTILE DETECTABLE WARNING SYSTEMS, ADA SOLUTIONS, OR APPROVED EQUAL.
 - THE TILE SHALL HAVE A BRICK RED HOMOGENEOUS COLOR IN COMPLIANCE WITH FEDERAL STANDARD 595A COLOR #2144 OR APPROVED EQUAL.

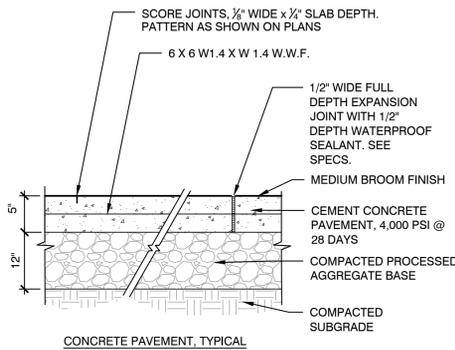
2 DETECTABLE WARNING PANEL

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3 ACCESSIBLE PAVEMENT MARKINGS

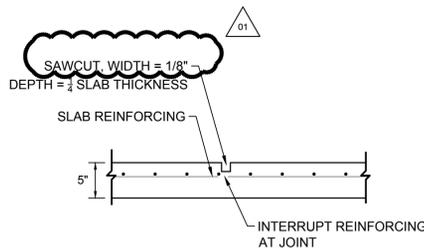
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- NOTES:
- EXPANSION JOINTS MAX. 15'-0" O.C. UNLESS SHOWN OTHERWISE.
 - EXPANSION JOINTS SHALL BE PLACED WHERE NEW CEMENT CONCRETE PAVEMENT MEETS EXISTING PAVEMENT OR WALLS TO REMAIN.
 - ALL SCORE JOINTS SHALL BE SAW CUT WITHIN 24 HOURS OF PLACEMENT.
 - PROVIDE 1/4"R X 2" TOOLED JOINT ALONG OUTSIDE PERIMETER OF CONCRETE DECKING

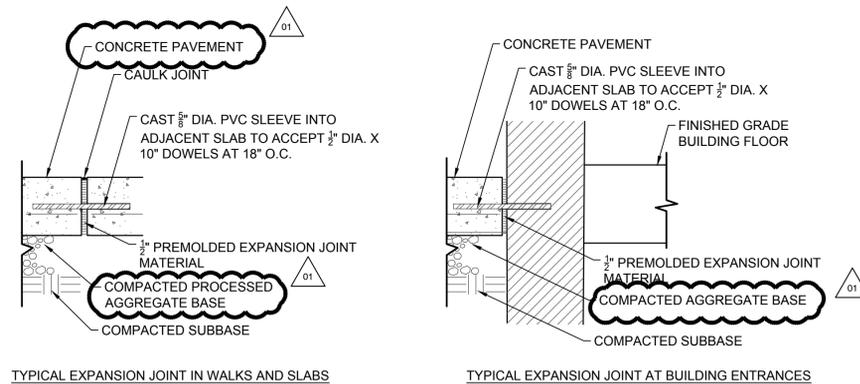
4 CONCRETE PAVEMENT

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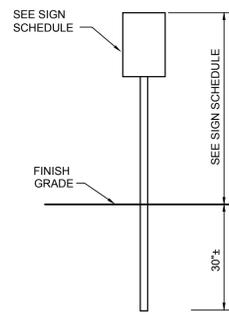
5 CONCRETE CONTROL JOINT

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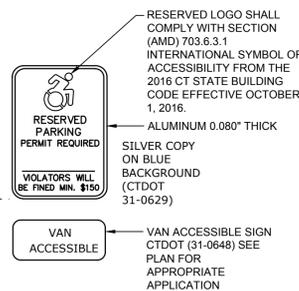


6 CONCRETE EXPANSION JOINT

SCALE: N.T.S.



ALL SIGNAGE SHALL BE NEW AND CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).



NOTE:
1. REFER TO SITE PLANS FOR LOCATION.

7 SIGN POST

SCALE: N.T.S.

SIGN SCHEDULE						
TEXT NO.	TEXT	SIZE	NATIONAL MUTCD NO.	TYPE OF MOUNTING	QUANT.	REMARKS
a	RESERVED PARKING PERMIT REQUIRED VOLATORS WILL BE FINED MIN. \$150	12" x 18"	R7-8CT	POST MOUNT	1	SET AT 6' ABOVE GRADE
b	VAN ACCESSIBLE PARKING	9" x 18"	R7-8P	POST MOUNT	1	SET BELOW R7-8CT
c	NO PARKING	12" x 18"	R8-3	POST MOUNT	1	SET AT 6' ABOVE GRADE

8 SIGN SCHEDULE

SCALE: N.T.S.

Consultants:

Revisions:

Rev	Date	Description
1	4/10/2020	ADDENDUM 1

Seal:



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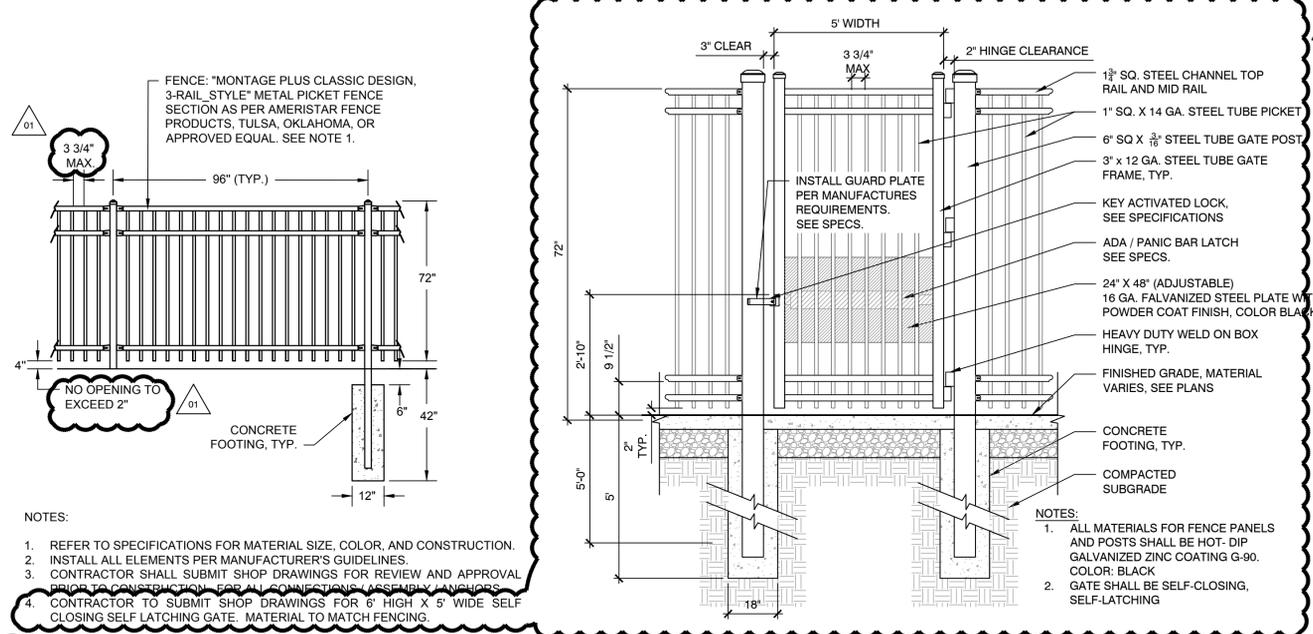
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Reviewed By: RC
Checked By: BK
Approved By: CFR

Drawing Title:

SITE CONSTRUCTION DETAILS

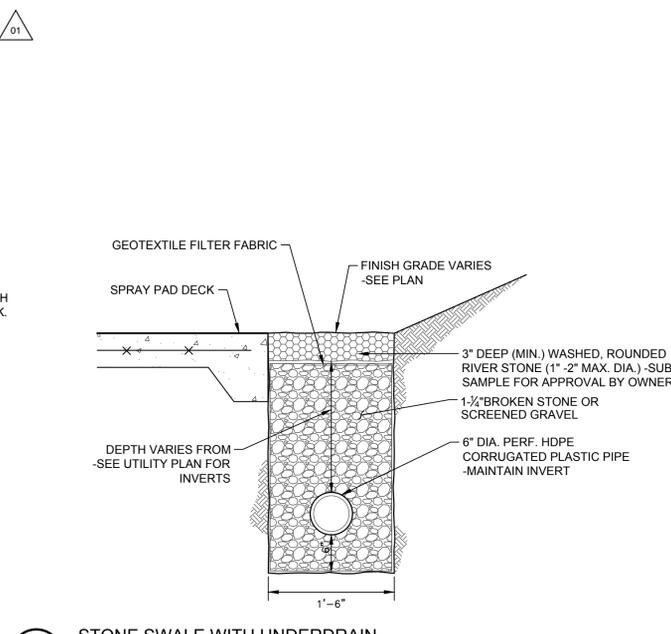
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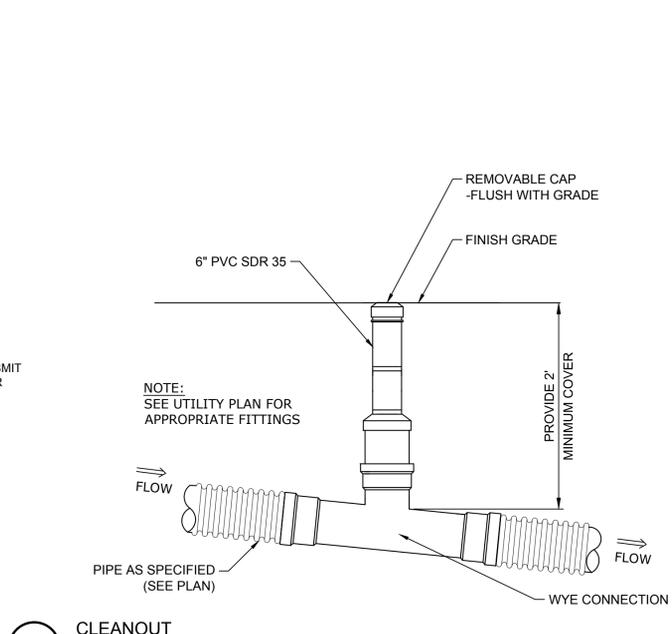
1 ORNAMENTAL FENCE & GATE

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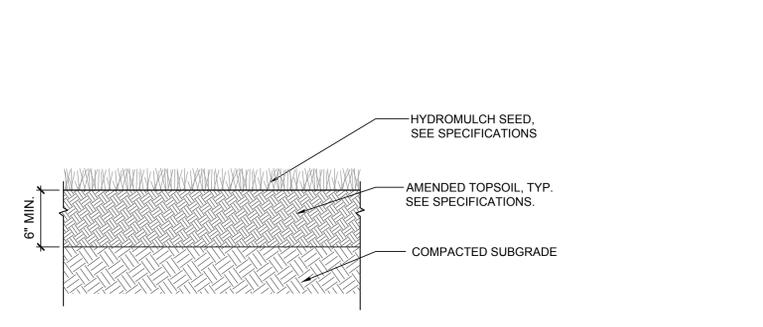
2 STONE SWALE WITH UNDERDRAIN

SCALE: N.T.S.



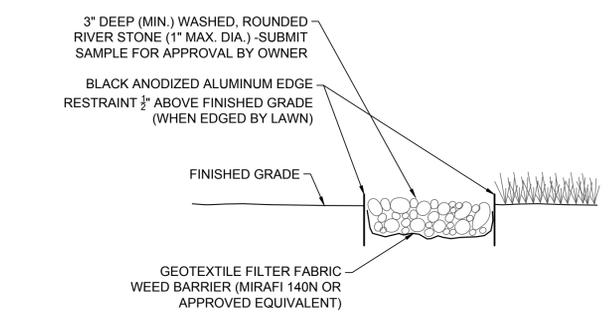
3 CLEANOUT

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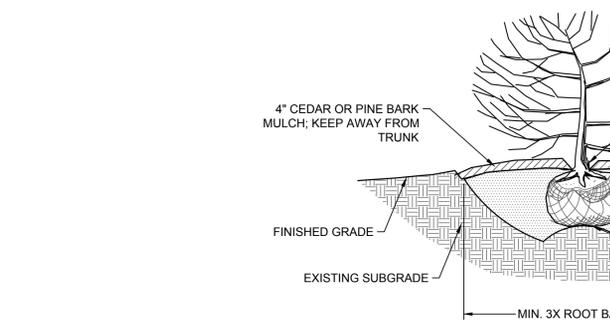
4 LOAM AND SEED

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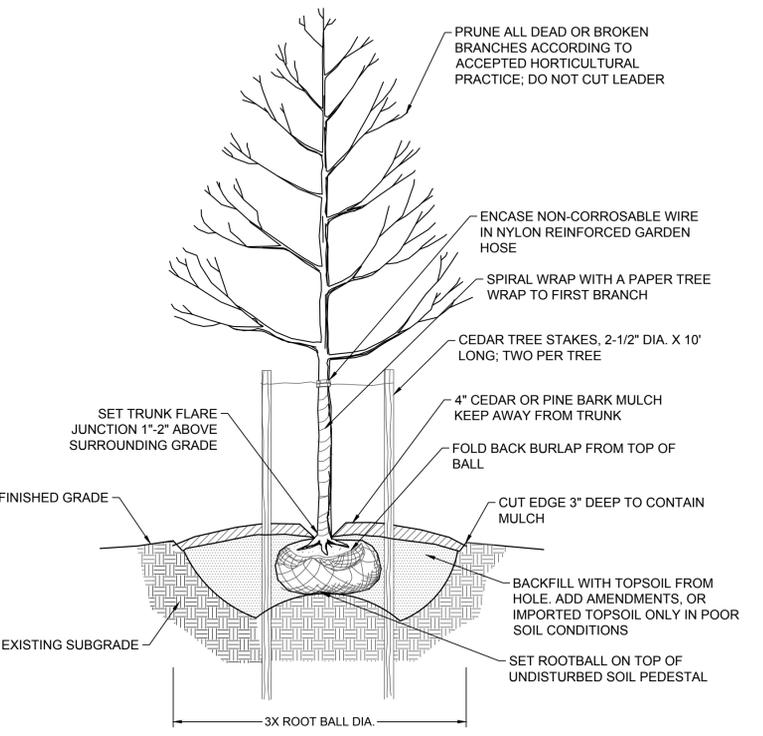
5 STONE LANDSCAPE MULCH

SCALE: N.T.S.



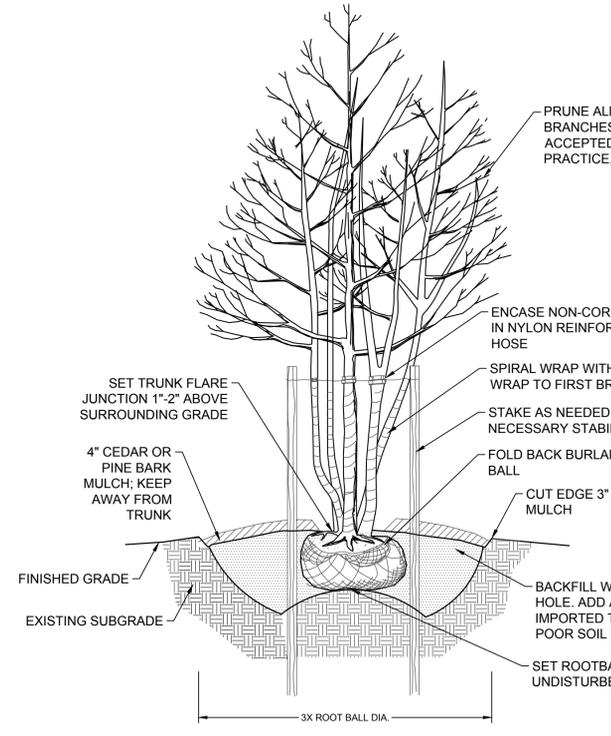
6 SHRUB PLANTING

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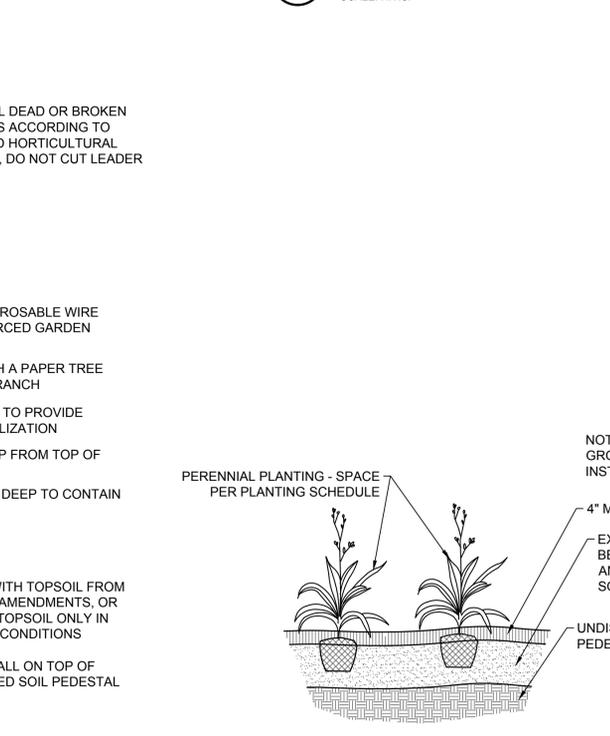
7 SINGLE STEM TREE PLANTING

SCALE: N.T.S.



8 MULTI STEM TREE PLANTING

SCALE: N.T.S.



9 PERENNIAL PLANTING

SCALE: N.T.S.

PLANT SPACING 'D'	ROW 'A'
8" O.C.	6.93" O.C.
10" O.C.	8.66" O.C.
12" O.C.	10.4" O.C.
18" O.C.	15.6" O.C.
24" O.C.	20.8" O.C.
36" O.C.	30.0" O.C.
48" O.C.	31.5" O.C.

Consultants:

Revisions:

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1	4/10/2020	ADDENDUM 1



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