

WINNWOOD POND DREDGING PROJECT PROJECT NO. 29751-WA21

CONSTRUCTION PLANS APRIL 2016

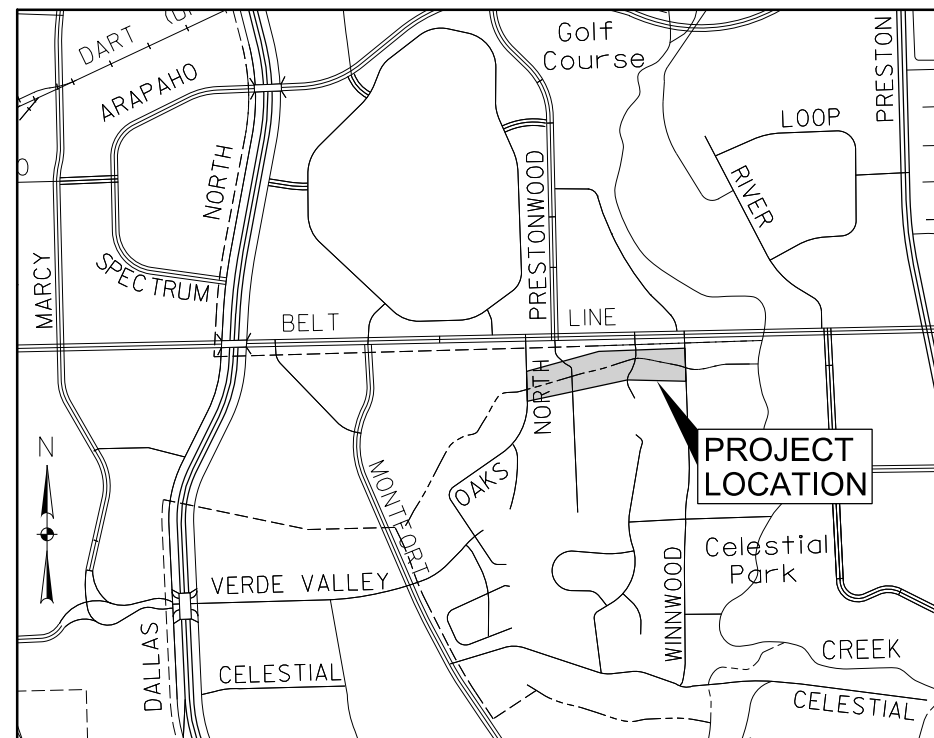


TODD MEIER
MAYOR

JANELLE MOORE
DAVID HEAPE
BRUCE ARFSTEN
MARY CARPENTER
IVAN HUGHES
DALE WILCOX
COUNCIL MEMBERS

WESLEY S. PIERSON
CITY MANAGER

LISA PYLES
DIRECTOR OF INFRASTRUCTURE
& DEVELOPMENT SERVICES



VICINITY MAP
MAPSCO: 15A
NOT TO SCALE

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12225 GREENVILLE AVE, SUITE 200
DALLAS, TEXAS 75243
TEL (214) 572-2272
FAX (214) 739-0095
TBPE FIRM #F-312



The seal appearing on this document was authorized by Timothy E. Lackey, PE #61212 on 04-27-16. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act. The record copy of this drawing is on file at the offices of Halff Associates, Inc. 12225 Greenville Avenue, Suite 200, Dallas, Texas 75243. TBPE FIRM #F-312.

GENERAL NOTES:

1. All work shall conform to the requirements of the Town of Addison and shall be in accordance with the Town of Addison standard details and specifications for construction. All work not covered in the contract documents and the Town of Addison standard details and specifications for construction shall be governed by the North Central Texas Council of Governments Standard Specifications for Public Works Construction, Fourth Edition, dated 2004, including all amendments or Texas Department of Transportation (TxDOT) Standard Specifications, as indicated in the project manual. A copy of the contract documents, plans and specifications shall be available on-site at all times by the Contractor.
2. Prior to submission of the proposal, the Contractor shall have made a careful examination of the work site, the contract documents, and all matters that may affect the cost and time for the completion of the work involved.
3. The location and depth of all utilities shown on the plans are approximate and there may be other unknown existing utilities not shown on the plans. All existing utilities shall be field verified and protected by the Contractor prior to the start of construction. The Contractor shall assume responsibility for repairs to existing utilities, whether shown or not, damaged by the Contractor's activities.
The Contractor shall contact the following franchise utility companies 72 hours prior to doing any work in the area:
a) Engineering Dept. - Jason Shroyer - jshroyer@addisontx.gov
b) Parks Dept. - Ron Lee - rlee@addisontx.gov
c) Oncor Electric - Larry Baldwin - larry.baldwin@oncor.com
d) Atmos Energy - Bobby Rogers - bobby.rogers@atmosenergy.com
e) AT&T - Chad Cooper - cc8956@att.com
f) Time Warner Cable - David Cheney - david.cheney@twcable.com
g) FiberLight - Mike Bitsche - mike.bitsche@fiberlight.com
h) DIGTESS - Contractor - fax@digtess.org
4. It shall be the responsibility of the Contractor to perform the following at no additional compensation:
a) Prevent any property damage to property owner's poles, fences, shrubs, mailboxes, curbs, pavement, sprinkler systems, sprinkler heads, concrete structures, etc.
b) Provide access to all roads and drives during construction.
c) Protect all underground and overhead utilities and repair any damages.
d) Notify all Utility Companies and verify location of all utilities prior to the start of construction.
e) Cooperate with the Utility Companies where utilities are required or specified to be relocated.
f) Work in close proximity to and protect existing Utility Mains, traffic lights and poles.
5. All communication between the Town and the Contractor shall be through the Town Inspector only.
6. In the preparation of the plans and specifications, the Engineer has endeavored to indicate the location of existing underground utilities. It is not guaranteed that all lines or structures have been shown on the plans.
7. The Contractor shall install the Capital Improvement Project Signs as specified in Section PS of the Special Conditions of Agreement as per the Engineer's specifications prior to any construction.
8. The successful Contractor shall submit written submittals, including but not limited to sequence of work schedule, traffic control plan, in-pond safety plan, unwatering plan, trench safety plan, bypass pumping plan, dewatering plan, and disposal plan to the Town of Addison prior to commencing work and provide monthly updates until the project is completed.
9. Construction may only occur from 7 a.m. to 7 p.m. Monday through Friday and from 8 a.m. to 7 p.m. Saturday. No work shall occur on Sundays. No construction traffic through residential neighborhoods is allowed.
10. The Contractor is responsible for coordinating, obtaining, and paying for any water, electrical, or other services needed for any operations required for this project.
11. The Contractor shall provide proper barricades and maintain traffic flow as per TMUTCD at all times.
12. Vehicular traffic flow, safety and access shall be maintained during all phases of construction. Barricading and traffic control during construction shall be the responsibility of the Contractor and shall conform to the Texas Manual on Uniform Traffic Control Devices. Traffic flow and access shall be maintained during all phases of construction unless otherwise noted on the traffic control plan. The Contractor shall assume full construction area for the duration of construction activities.
13. All water reintroduced to the natural stream shall be filtered, uncontaminated, and meet the conditions of the Texas Commission on Environmental Quality (TCEQ), TPDES General Permit No. TXR 150000, issued February 19, 2013. Returned water samples must be collected and tested on a daily basis. Silt, debris, and contaminated water shall be disposed of properly by the Contractor, and shall not be disposed of on Town of Addison property.
14. Decant water from dewatering shall be contained in a controlled area. Erosion and sediment control measures shall be provided.
15. The dewatering of silt operations shall have a 95 percent capture of solids from wet silt material. Only clean filtrate from the dewatering operation will be allowed to discharge into the sanitary sewer collection system. Discharge shall be flowed into the existing 8-inch line from the manhole located approximately 270 feet south of the gazebo between Ponds 2 and 3.

16. The Contractor shall own his own belt press, pumps and associated equipment used for this project.
17. Bypass piping shall be located above ground, within the silt fence limits shown on the Erosion Control Plan, on the north side of the ponds, and under vehicular and pedestrian bridges. No work on south bank of pond except for silt fence and filtrate line at pond 2.
18. The Contractor shall sweep the affected area and adjacent street within 200 feet of construction entrances once a week and prior to known pending major rain events at no additional cost.
19. Any debris, dirt, or mud on the roadway must be cleared immediately.
20. The Contractor shall remove from the project area all surplus material. This work shall be incidental and not a separate pay item. Surplus materials from excavation including dirt, trash, rock measuring greater than 20 in the largest dimension, etc. shall be properly disposed of at a site acceptable to the Town of Addison if within the Town limits. If the location is not within the Town limits, the Contractor shall provide a letter stating so. No excess excavated material shall be deposited in low areas or along natural drainage ways without written permission from the affected property owner and the Town of Addison. If the Contractor places excess material in these areas without written permission, he will be responsible for all damages resulting from such fill and he shall remove the material at his own cost.
21. All phases of construction must be coordinated with the Engineer. Field adjustments may be necessary and will be carried out as directed by the Engineer, at no extra pay.
22. The Contractor shall coordinate the protection of existing franchise utilities and appurtenances including existing utility poles in the vicinity of construction operations whether utilities are shown in the Contract Documents or not. Any damage incurred to existing franchise utilities, appurtenances, power poles, etc. by construction related activities shall be the sole responsibility of the Contractor.
23. Construction equipment shall not be within 10 feet of any energized or neutral overhead line.
24. The Contractor shall verify, locate, and protect existing water, sanitary sewer, storm sewer, gas, electric and telephone mains and services and restore service in case of any damage, at no extra pay.
25. The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal. Sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineer's specifications, with the cost incidental to the Project Bid Items.
26. All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
27. The Contractor shall coordinate shut down, removal and replacement of floating fountains with the Town's Park Department.
28. The Contractor is responsible for all testing, with the cost incidental to the Project.
29. The Contractor shall be responsible for taking all precautions to protect existing trees outside the scope of this Project. Trees shall only be removed if designated on the plans.
30. Where trees, plants, shrubbery, etc. are adjacent to the line of work and are not to be removed or replaced, the Contractor shall protect such trees, plants, shrubbery, etc. If such trees, plants, shrubbery, etc. could be damaged by machinery, etc., orange safety fencing with steel T-posts having a minimum height of 3' and as approved by the Town shall be utilized for protection. Hand excavation may also be required in the vicinity of trees, plants, shrubbery, etc. that are to remain. The Contractor shall not permit machinery or employees to scrape, tear the limbs from, damage or attach guy cables to existing trees that are to remain in place. The Contractor shall be responsible for all damages to adjacent trees, plants, shrubbery, etc. that are to remain and any such damage shall be remedied to the satisfaction of the Town.
31. Any tree pruning shall be coordinated with the Town's Parks Department. No cutting of live trees is allowed.
32. The Contractor shall be responsible for repairing any damage caused by the Contractor outside of the designated work area with equal or better quality material at the Contractor's expense.
33. All existing grades shown on the plans are approximate and shown based on the best information available.
34. The Contractor shall keep the existing fire hydrants in service at all times.
35. The Contractor shall maintain the existing water mains in service during all phases of construction at no extra pay. Leaks caused by the Contractor shall be repaired immediately at the Contractor's expense. Leaks along the existing water main close to the working area, caused by vibration, etc. (during working hours) shall be repaired by the Contractor with the Town only providing the required parts. The Town will repair all leaks if the Contractor is not on the job-site (primarily after working hours); if the leak is directly caused by the Contractor and not repaired, all charges incurred shall be billed to the Contractor.

36. "Sheeting, Shoring and Bracing": The Contractor shall abide by all applicable federal, state and local laws governing excavation. Trench side slopes shall meet Occupational Safety and Health Administration (OSHA) Standards that are in effect at the time of Bid Opening. Sheeting, Shoring and bracing shall be provided when side slopes standards are not met. A pull box, meeting OSHA Standards, may be acceptable, unless negated by groundwater control measures. The apparent low bidder shall submit detailed plans and specifications for trench safety system that meet OSHA Standards that are in effect at the time of Bid Opening. These plans shall be sealed by an Engineer registered by the State of Texas and submitted to the Town prior to the formal execution of the Contract.
37. The Contractor will furnish to the Town of Addison the name of an OSHA-certified competent person to be on the project at all times during ongoing construction activities.
38. Contractor shall conform activities to the Contractor prepared SWPPP as specified, including installing, maintaining, and removing pollution controls, conducting and documenting inspections of pollution controls, sprinkling for dust control, maintaining spill response equipment on-site, and "good housekeeping". Pollution controls include silt fences (or straw bales), stabilized construction entrance, establishing grass, sprinkling for dust control.
39. During construction, all drainage ditches, channels, etc. shall be kept drained, insofar as practicable, and the work shall be conducted in a neat workmanlike manner.
40. The Contractor shall cease all construction operations immediately if a suspected archeological object/artifact is uncovered during construction. The Contractor shall immediately contact THC and the Town. Project work shall not recommence until proper permits are in place and provided to the Town.
41. After construction, the Contractor shall request the Town Parks Department to operate and test the remaining electrical systems within the pump stations and valve vaults as well as the remaining irrigation systems, floating fountains and recirculation systems. The Contractor shall be responsible for repairing any damage caused by the Contractor with equal or better quality material at the Contractor's expense.
42. The Contractor will remove irrigation system heads prior to construction and reinstall them after construction. The Contractor shall coordinate with the Town on the timing of the removal and replacement of the irrigation systems. The Contractor shall be responsible for repairing any damage, to the irrigation system (pipes, meters, control boxes, etc.), caused by the Contractor with equal or better quality material at the Contractor's expense. Acceptable replacements shall be coordinated with the Town.
43. After construction, the Contractor shall replace the sprinkler heads. The Town shall run the irrigation for 4 hours over 8 days. The Contractor shall replace any broken irrigation components (pipes, meters, control boxes, etc.) damaged during construction at no extra cost to the Owner.
44. The Contractor shall comply with the Migratory Bird Treaty Act.
45. Refer to Section 02243 in the bid documents for information on the Aquatic Resource Relocation Plan (ARRP) requirements, associated Construction Contractor requirements, and activities, including aquatic wildlife removal and relocation, to be performed before the initiation of unwatering and/or desilting activities.
46. The Construction Contractor will be required to coordinate with Half f regarding the timing of the unwatering and/or desilting activities so that accurate and up to date information can be provided by Half f to introduce Fish, Shellfish or Aquatic Plants into Public Waters.
47. The Construction Contractor must notify Half f at least 5 days prior to the initiation of the unwatering process so that staff may be scheduled to conduct aquatic species recovery and relocation activities in accordance with the TPWD-approved ARRP.
48. The Construction Contractor is required to be familiar with the TPWD-approved ARRP and to complete the unwatering process in a manner so that Half f may perform aquatic species recovery and relocation activities in accordance with the TPWD-approved ARRP.
49. Restocking of ponds with aquatic wildlife, such as fish, turtles, mussels, ducks, etc., is not part of the scope for this project.
50. Ponds 2 and 3 are within the 100-year flood hazard area. Refer to FEMA maps 48113C0185K and 48113C0180K for 100-year limits and elevations.

WINWOOD POND
DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS



Revision	No.	Date	Description



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Project No.: 29751-WA21
Issued: 4/28/2016
Drawn By: HC
Checked By: TL
Scale: AS NOTED
Sheet Title:

GENERAL NOTES

C0.11
Sheet Number



**WINWOOD POND
DREDGING PROJECT**
TOWN OF ADDISON
DALLAS COUNTY, TEXAS



HALFF
12225 GREENVILLE AVE., SUITE 200
DALLAS, TEXAS 75243
TEL: 972.987.9200
FAX: 972.987.9202

Revision No.	Date	Description



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Drawn By: HC
Checked By: TL
Scale: AS NOTED

Sheet Title
PROJECT LAYOUT
C1.01
Sheet Number

LEGEND

- LIMITS OF CONSTRUCTION
- CONSTRUCTION ROAD

Notes:

1. The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal. Sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineers specifications with the cost incidental to the Project Bid Items.
2. All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
3. The Contractor shall be responsible for taking all precautions to protect existing trees except on specific authority of the Engineer.
4. The Contractor shall be responsible for taking all precautions to protect existing inlets and fountains.
5. The Contractor shall be responsible for repairing any damage caused by the Contractor outside of the designated work area with equal or better quality material at the Contractor's expense.
6. Refer to General Notes for sprinkler system.
7. Construction vehicles and material are not allowed in parking lots and streets outside the project limits or within private property.
8. The Contractor shall take reasonable measures to avoid unnecessary noise.

CAUTION!!!
EXISTING OHE
LINE IN AREA

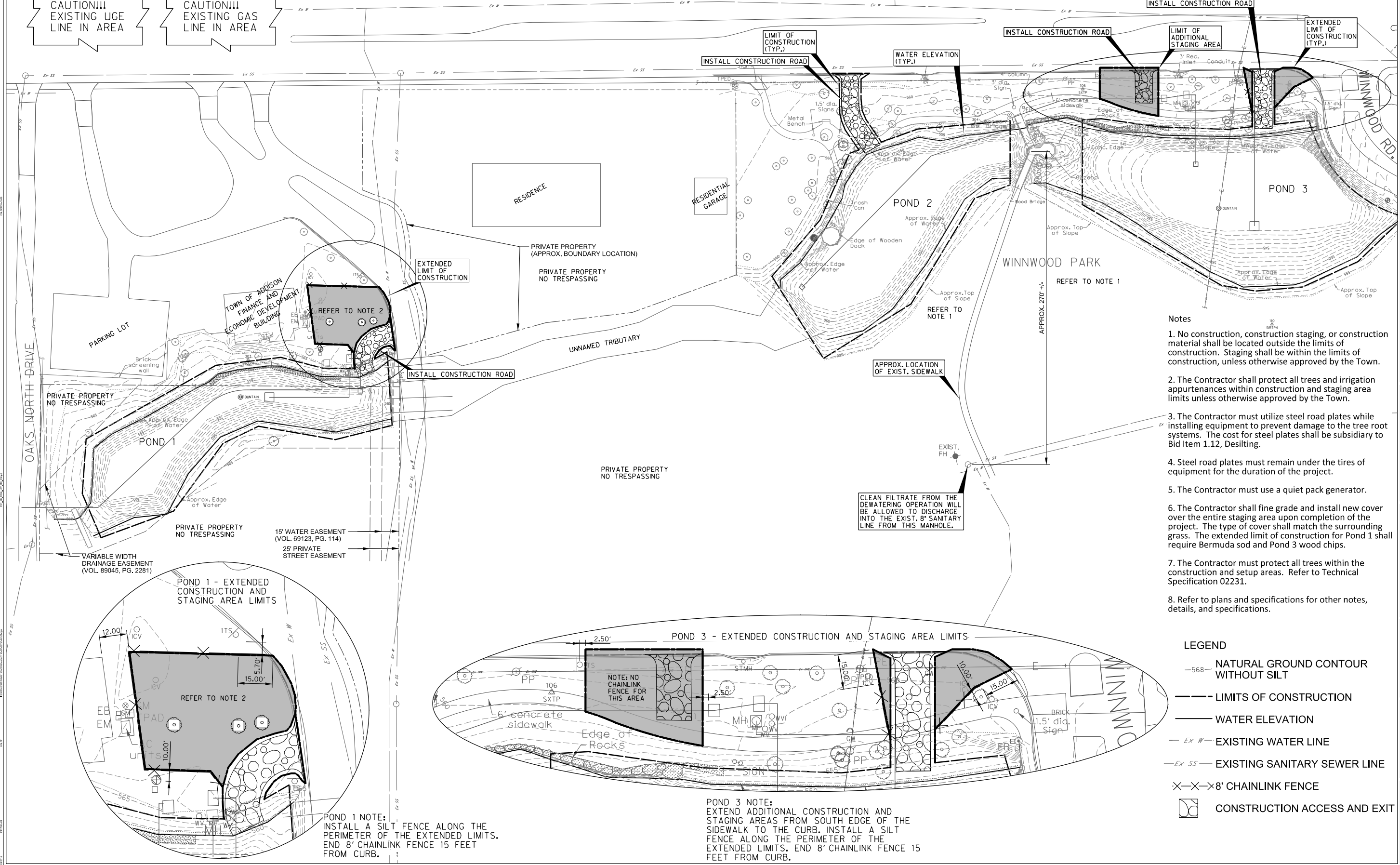
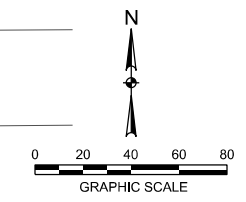
CAUTION!!!
EXISTING COMM
LINE IN AREA

CAUTION!!!
EXISTING UGE
LINE IN AREA

CAUTION!!!
EXISTING GAS
LINE IN AREA

BELT LINE ROAD

BELT LINE ROAD



- Notes**
1. No construction, construction staging, or construction material shall be located outside the limits of construction. Staging shall be within the limits of construction, unless otherwise approved by the Town.
 2. The Contractor shall protect all trees and irrigation appurtenances within construction and staging area limits unless otherwise approved by the Town.
 3. The Contractor must utilize steel road plates while installing equipment to prevent damage to the tree root systems. The cost for steel plates shall be subsidiary to Bid Item 1.12, Desilting.
 4. Steel road plates must remain under the tires of equipment for the duration of the project.
 5. The Contractor must use a quiet pack generator.
 6. The Contractor shall fine grade and install new cover over the entire staging area upon completion of the project. The type of cover shall match the surrounding grass. The extended limit of construction for Pond 1 shall require Bermuda sod and Pond 3 wood chips.
 7. The Contractor must protect all trees within the construction and setup areas. Refer to Technical Specification 02231.
 8. Refer to plans and specifications for other notes, details, and specifications.

- LEGEND**
- 568- NATURAL GROUND CONTOUR WITHOUT SILT
 - LIMITS OF CONSTRUCTION
 - WATER ELEVATION
 - Ex W - EXISTING WATER LINE
 - Ex SS - EXISTING SANITARY SEWER LINE
 - ×-×-× 8' CHAINLINK FENCE
 - ACCESS AND STAGING PLAN

**WINWOOD POND
DREDGING PROJECT**
TOWN OF ADDISON
DALLAS COUNTY, TEXAS



Revision	Date	Description



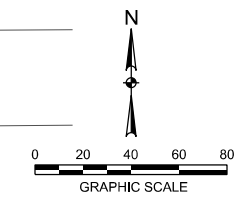
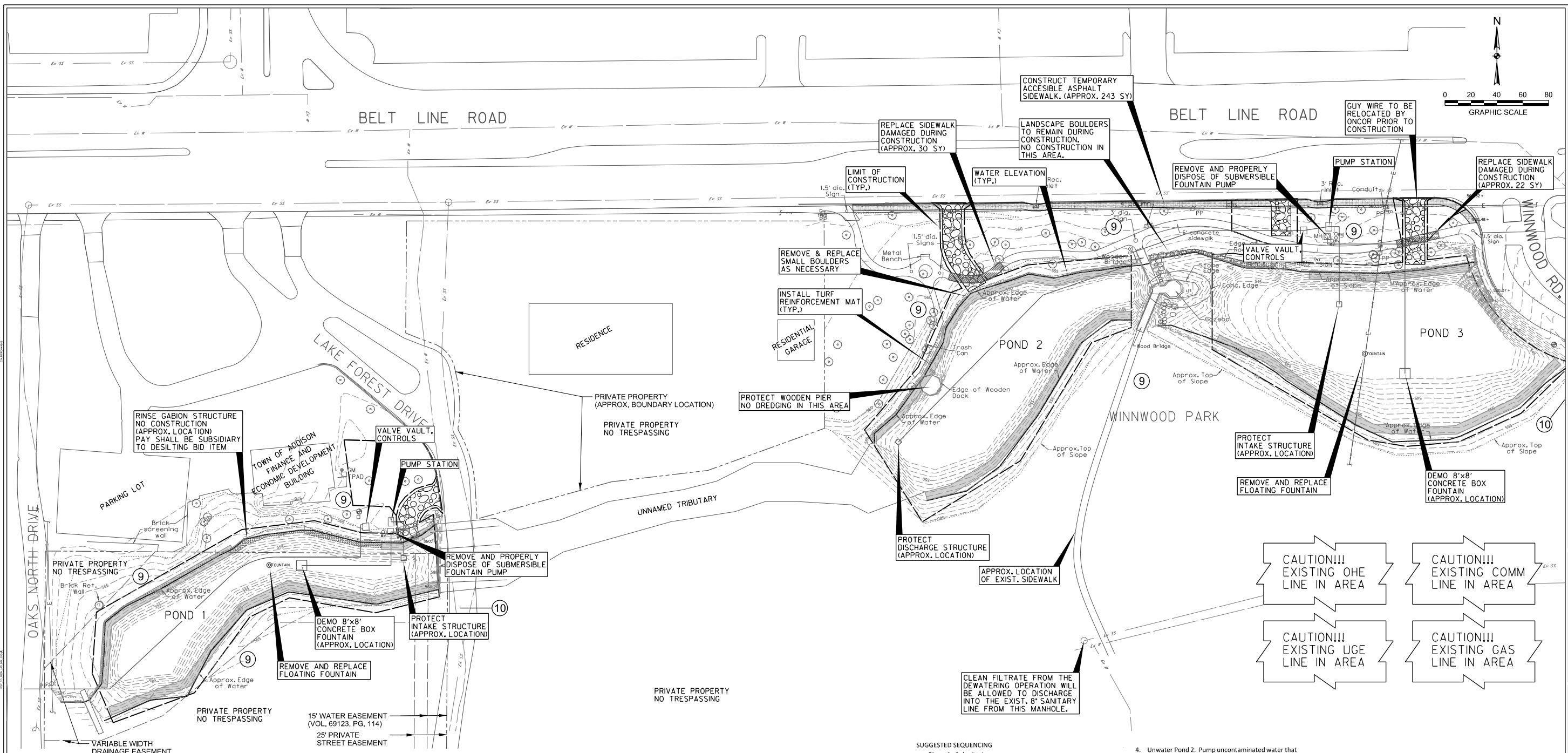
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 Drawn By: HC
 Checked By: TL
 Scale: AS NOTED
 Sheet Title:
ACCESS AND STAGING PLAN
C1.10
 Sheet Number

POND 1 NOTE:
INSTALL A SILT FENCE ALONG THE PERIMETER OF THE EXTENDED LIMITS. END 8' CHAINLINK FENCE 15 FEET FROM CURB.

POND 3 NOTE:
EXTEND ADDITIONAL CONSTRUCTION AND STAGING AREAS FROM SOUTH EDGE OF THE SIDEWALK TO THE CURB. INSTALL A SILT FENCE ALONG THE PERIMETER OF THE EXTENDED LIMITS. END 8' CHAINLINK FENCE 15 FEET FROM CURB.

NOTE: NO CHAINLINK FENCE FOR THIS AREA



- Notes:**
- The removal of trees, limbs, and leaves from ponds is incidental to silt removal.
 - Tree limbs obstructing construction vehicle and equipment access shall be trimmed to 10 feet above the ground or water surface within construction limits. Coordinate all tree pruning with the Town's Parks Department.
 - Where trees, plants, shrubbery, etc. are adjacent to the line of work and are not to be removed or replaced, the Contractor shall protect such trees, plants, shrubbery, etc.
 - Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. The Contractor shall assume responsibility for actual field location and protection of existing utilities whether shown or not. The Contractor shall also assume responsibility for repairs to existing utilities, whether shown or not, damaged by the Contractor's activities.
 - The Contractor shall submit a Sequence of Work Schedule and Traffic Control Plan to the Town of Addison prior to commencing work and provide monthly updates until the project is completed.
 - All phases of construction must be coordinated with the Engineer. Field adjustments may be necessary and will be carried out as directed by the Engineer.
 - The Contractor shall coordinate the protection of existing franchise utilities and appurtenances including existing utility poles in the vicinity of construction operations whether utilities are shown in the Contract Documents or not. Any damage incurred to existing franchise utilities, appurtenances, power poles, etc. by construction related activities shall be the sole responsibility of the Contractor.
 - Construction equipment shall not be within 10 feet of any energized or neutral overhead line.
 - No construction, construction staging, or construction material shall be located outside the project limits. No staging on roadways. Staging shall be within project limits, unless otherwise approved by the Town.
 - No construction vehicles allowed on Oaks North Drive, Lake Forest Drive, or Winnwood Road south of construction limits. No parking on roadways.
 - Vehicle traffic flow, safety and access shall be maintained during all phases of construction. Barricading and traffic control during construction shall be the responsibility of the Contractor and shall conform to the Texas Manual on Uniform Traffic Control Devices. Traffic flow and access shall be maintained during all phases of construction unless otherwise noted on the traffic control plan. The Contractor shall assume full construction area for the duration of construction activities.
 - The sidewalk shall not be closed to pedestrians for more than 6 weeks at a time. Sidewalk damaged during construction shall be replaced or repaired to as good or better condition than the existing within the 6-week closure period.
 - Coordinate with the Aquatic Resource Specialists to relocate the aquatic wildlife prior to pond unwatering or other site disturbance. Refer to General Notes.
 - The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal, sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineer's specifications, with the cost incidental to the Project Bid Items.
 - All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
 - The Contractor shall be responsible for taking all precautions to protect all existing trees except those specified for removal by the Engineer.
 - The Contractor will remove irrigation system heads prior to construction and reinstall them after construction. The Contractor shall coordinate with the Town on the timing of the removal and replacement of the irrigation systems. The Contractor shall be responsible for repairing any damage to the irrigation system (pipes, meters, control boxes, etc.), caused by the Contractor with equal or better quality material at the Contractor's expense. Acceptable replacements shall be coordinated with the Town.
 - After construction, the Contractor shall replace the sprinkler heads. The Town shall run the irrigation for 4 hours over 8 days. The Contractor shall replace any broken irrigation components (pipes, meters, control boxes, etc.) damaged during construction at no extra cost to the Owner.
 - All water reintroduced to the natural stream shall be filtered uncontainated, and meet the conditions of the Texas Commission on Environmental Quality (TCEQ), TPDES General Permit No. TXR 150000, issued February 19, 2013. Returned water samples must be collected and tested on a daily basis. All testing results shall be submitted to the Town of Addison. Silt, debris, and contaminated water shall be disposed of properly by the Contractor, and shall not be disposed of on Town of Addison property.
 - The dewatering of silt operations shall have a 95 percent capture of solids from wet silt material. Only clean filtrate from the dewatering operation will be allowed to discharge into the sanitary sewer collection system. Discharge shall be flowed into the existing 8" line from the manhole as shown on the plans.
 - No bypass pumping, pumping equipment, piping, etc. shall be located south of the ponds.
 - After construction, the Contractor shall request the Town Parks Department to operate and test the remaining electrical systems within the pump stations and valve vaults. The Contractor shall be responsible for repairing any electrical damage caused by the construction with equal or better quality material at the Contractor's expense.
 - The Contractor shall place sod where the existing grasses are damaged due to construction. The type of cover shall match the surrounding grass. The construction entrance for Pond 1 shall require Bermuda sod and Ponds 2 and Pond 3 wood chips.
- SUGGESTED SEQUENCING**
- Phase 1 - Submittals**
- Prepare Submittals and submit for approval.
- Phase 2 - Traffic Control Plan**
- Install traffic control.
- Phase 3 - Construction Access**
- Install construction access.
 - Install temporary asphalt sidewalk.
 - Install chain-link fence and silt fence
- Phase 4 - Aquatic Resource Relocation**
- Coordinate with Aquatic Resource Specialists.
 - Implement Aquatic Resource Relocation.
- Phase 5 - Removal of Floating Fountains and Sprinkler Heads**
- Remove floating fountains.
 - Remove sprinkler heads in construction areas.
- Phase 6 - Desilt Pond 1**
- Block normal low flow from entering Pond 1.
 - Install a bypass route directing filtered, uncontainated water that meets the TPDES General Permit No. TXR 150000, issued February 19, 2013, restrictions from the creek downstream of Pond 3.
 - Coordinate with Aquatic Resource Specialists for removal of aquatic wildlife.
- Phase 7 - Desilt Pond 2**
- Block normal low flow from entering Pond 2.
 - Install a bypass route directing filtered, uncontainated water that meets the TPDES General Permit No. TXR 150000, issued February 19, 2013, restrictions from the creek downstream of Pond 3.
 - Coordinate with Aquatic Resource Specialists for removal of aquatic wildlife.
- Phase 8 - Desilt Pond 3**
- Block normal low flow from entering Pond 3.
 - Install a bypass route directing filtered, uncontainated water that meets the TPDES General Permit No. TXR 150000, issued February 19, 2013, restrictions from the creek downstream of Pond 3.
 - Coordinate with Aquatic Resource Specialists for removal of aquatic wildlife.
 - Pump uncontainated water that meets the TPDES General Permit No. TXR 150000, issued February 19, 2013, restrictions to the creek downstream of Pond 3. Properly dispose of contaminated water.
 - Remove silt.
 - Dewater and dispose of silt at permitted landfill.
 - Demolish fountain and appurtenances.
 - Remove bypass and temporary dam.
- Phase 9 - Demobilization**
- Reinstall floating fountains and pumps.
 - Install turf reinforcement mat.
 - Request the Town to test existing pumps and electrical systems.
 - Reinstall sprinkler heads.
 - Request the Town to test existing sprinkler system.
 - Remove equipment and materials.
 - Replace sidewalks.
 - Remove temporary asphalt sidewalk.
 - Install sod and wood chips as necessary.
- LEGEND**
- 568- NATURAL GROUND CONTOUR WITHOUT SILT
 - LIMITS OF CONSTRUCTION
 - WATER ELEVATION
 - EX- EXISTING WATER LINE
 - EX-SS- EXISTING SANITARY SEWER LINE
 - SF- SILT FENCE
 - TURF REINFORCEMENT MAT
 - CONSTRUCTION ACCESS AND EXIT
 - TREE TO REMAIN
 - TREE TO BE REMOVED
 - ⑥ REFERENCE TO NOTE
 - FLOATING FOUNTAIN
- CAUTION!!! EXISTING OHE LINE IN AREA**
- CAUTION!!! EXISTING COMM LINE IN AREA**
- CAUTION!!! EXISTING UGE LINE IN AREA**
- CAUTION!!! EXISTING GAS LINE IN AREA**
- CLEAN FILTRATE FROM THE DEWATERING OPERATION WILL BE ALLOWED TO DISCHARGE INTO THE EXIST. 8" SANITARY LINE FROM THIS MANHOLE.**

WINWOOD POND DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

ADDISON

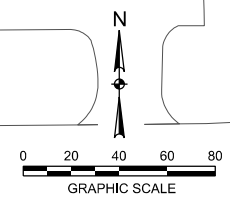
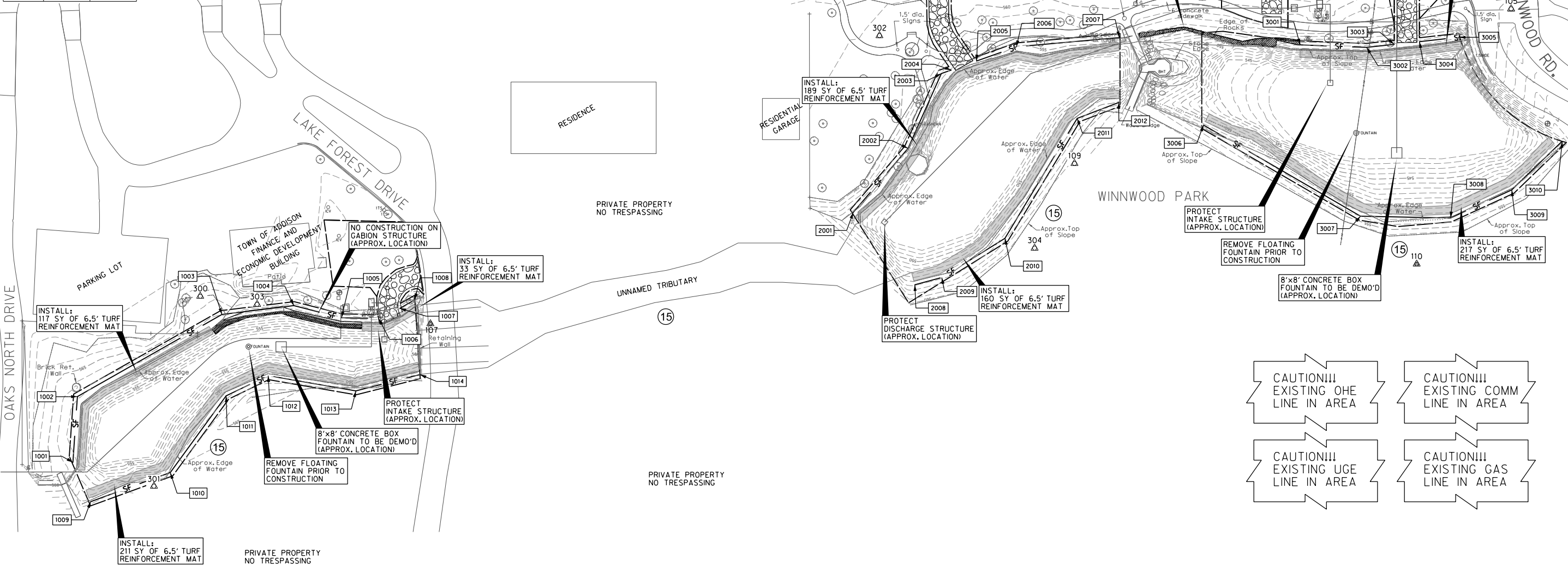
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Project No.: 29751-WA21
Issued: 4/28/2016
Drawn By: HC
Checked By: TL
Scale: AS NOTED
Sheet Title: SUGGESTED SEQUENCING PLAN

C1.11
Sheet Number

SILT FENCE COORDINATE								
POND 1	NORTHING	EASTING	POND 2	NORTHING	EASTING	POND 3	NORTHING	EASTING
1001	7034727.28	2485915.98	2001	7034918.15	2486512.05	3001	7035045.88	2486853.32
1002	7034777.54	2485919.46	2002	7034966.92	2486553.81	3002	7035044.04	2486904.02
1003	7034840.12	2486029.82	2003	7035024.00	2486579.20	3003	7035046.32	2486925.14
1004	7034846.91	2486084.73	2004	7035026.69	2486586.86	3004	7035048.40	2486944.41
1005	7034837.60	2486121.14	2005	7035033.59	2486606.13	3005	7035051.67	2486974.71
1006	7034837.05	2486149.59	2006	7035044.46	2486636.63	3006	7034984.73	2486779.52
1007	7034844.82	2486165.70	2007	7035051.44	2486715.20	3007	7034915.10	2486899.32
1008	7034851.38	2486177.10	2008	7034862.86	2486559.00	3008	7034913.85	2486968.22
1009	7034697.31	2485929.57	2009	7034868.32	2486579.58	3009	7034935.24	2487014.88
1010	7034719.49	2485990.40	2010	7034898.30	2486627.86	3010	7034972.34	2487053.30
1011	7034778.01	2486033.05	2011	7034989.84	2486682.98			
1012	7034793.45	2486065.20	2012	7035001.91	2486714.74			
1013	7034781.87	2486132.09						
1014	7034794.23	2486181.09						



TOTAL PROJECT AREA = 1.7 ACRES
TOTAL DISTURBED AREA = 1.7 ACRES

SURVEY CONTROL POINTS				
CP#	Northing	Eastng	Elevation	Description
105	7035073.46	2487014.36	560.41	SET "X"
106	7035081.87	2486778.62	560.24	SET "X"
107	7034833.08	2486189.01	564.66	SET "X"
108	7035082.71	2486031.77	567.95	SET "X"
109	7034955.38	2486680.95	558.21	SET IRON ROD
110	7034878.59	2486942.27	556.40	SET IRON ROD
300	7034854.04	2486013.30	564.83	SET IRON ROD
301	7034709.05	2485977.88	564.32	SET IRON ROD
302	7035052.94	2486531.98	560.69	SET IRON ROD
303	7034847.84	2486056.67	563.88	SET IRON ROD
304	7035052.51	2486685.51	559.62	SET IRON ROD

Erosion Control Notes

- All Operators and/or Contractors shall conform to the terms and conditions of the Texas Commission on Environmental Quality (TCEQ), TPDES General Permit No. TXR 150000 dated February 19, 2013.
- The Notice of Intent (NOI), as required by the general permit, must be properly displayed on site at all times by each Operator.
- All releases of the reportable quantities of hazardous substances shall be reported immediately to the Facility Operator, EPA and TCEQ.
- Qualified operator personnel must inspect the site at least once every 14 days and within 24 hours of a storm event of 0.5 inches or greater. As an alternative, an inspection can be conducted once every seven (7) calendar days on a defined day. A decision on which method to use must be decided before work begins and must be followed throughout the project.
- Modifications to the Storm Water Pollution Prevention Plan shall be implemented and be in-place within a seven calendar day period.
- If any Contractor sees a violation by an Operator or another Contractor, that Operator or Contractor in violation shall be notified as well as the Facility Operator.
- Erosion control shall be installed prior to demolition and grading.
- Accumulated silt deposits shall be removed from silt fences and hay bale dikes when silt depth reaches three inches or 25%.
- The Contractor shall add or delete erosion protection at the request and direction of the Operator or Town.
- After installation of pavement, final lot benching and general cleanup, the Contractor shall establish grass groundcover in all street parkways, lot and all other disturbed areas. Sodding shall be done as specified by Section 32.92.23 in the bid documents.
- It shall be the Contractor's responsibility to control and limit silt and sediment leaving the site. Specifically, the Contractor shall protect all public streets, alleys, streams and storm drainage systems from erosion deposits.
- All hazardous materials shall be handled and disposed of by the Contractor in accordance with federal, state, and local regulations.
- All water reintroduced to the natural stream shall be filtered, uncontaminated, and meet the conditions of the Texas Commission on Environmental Quality (TCEQ), TPDES General Permit No. TXR 150000, issued February 19, 2013. Returned water samples must be collected and tested on a daily basis. Silt, debris, and contaminated water shall be disposed of properly by the Contractor, and shall not be disposed of on Town of Addison property.
- The Contractor shall place sod where the existing grasses are damaged due to construction. The type of cover shall match the surrounding grass. The construction entrance for Pond 1 shall require Bermuda sod and Ponds 2 and Pond 3 wood chips. Bermuda sod shall be placed where the turf reinforcement mat is laid.
- No bypass pumping south of the ponds.
- The Contractor shall comply with the provisions of the United States Army Corps of Engineers Section 404 Letter of Permission.

CAUTION!!! EXISTING ONE LINE IN AREA

CAUTION!!! EXISTING COMM LINE IN AREA

CAUTION!!! EXISTING UGE LINE IN AREA

CAUTION!!! EXISTING GAS LINE IN AREA

LEGEND

- 568- NATURAL GROUND CONTOUR
- SF - SILT FENCE
- TURF REINFORCEMENT MAT
- INLET PROTECTION
- CONSTRUCTION ACCESS AND EXIT
- SURVEY CONTROL POINT

THIS IS NOT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR MUST ADD HIS OPERATION SPECIFIC INFORMATION PER THE PERMIT REQUIREMENTS & INCLUDE ALL DOCUMENTATION & CERTIFICATES AS REQUIRED BY THE PERMIT.

WINWOOD POND DREDGING PROJECT
 TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

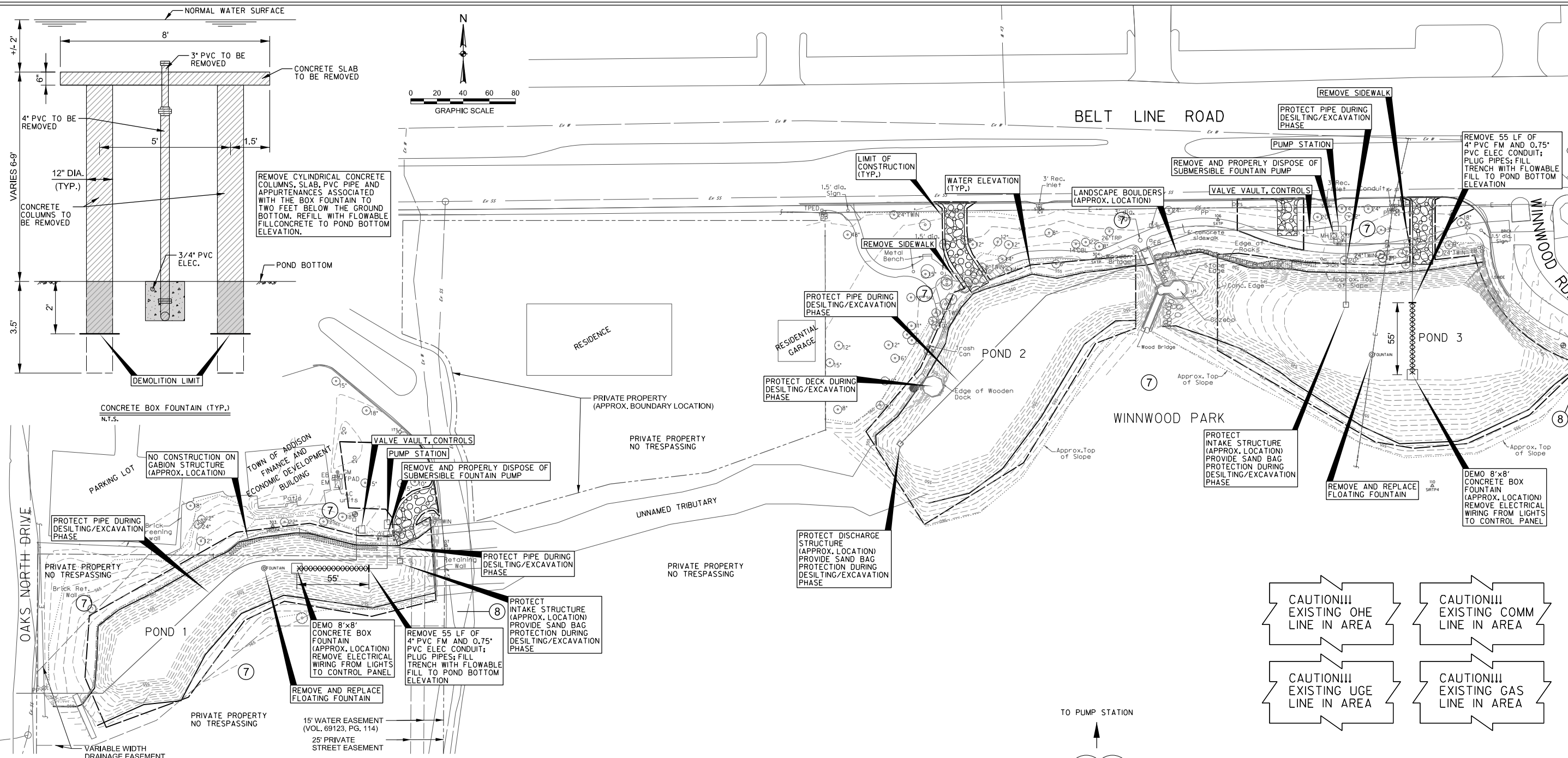


Revision	Date	Description



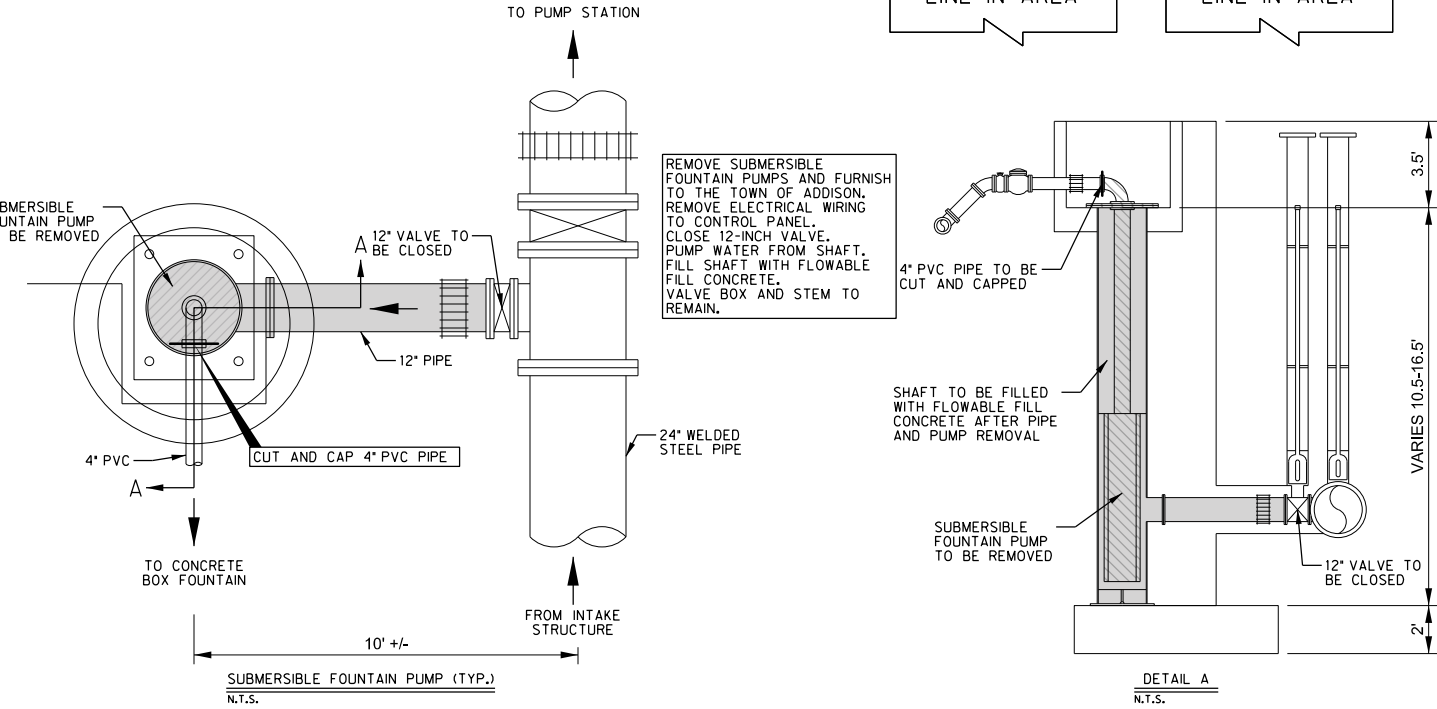
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Project No.: 29751-WA21
 Issued: 4/28/2016
 Drawn By: HC
 Checked By: TL
 Scale: AS NOTED
 Sheet Title: EROSION AND SURVEY CONTROL PLAN
C2.01
 Sheet Number



- Notes:**
- The removal of trees, limbs, and leaves submerged in water from ponds is incidental to silt removal.
 - Tree limbs obstructing construction vehicle and equipment access shall be trimmed to 10 feet above the ground or water surface.
 - Where trees, plants, shrubbery, etc. are adjacent to the line of work and are not to be removed or replaced, the Contractor shall protect such trees, plants, shrubbery, etc.
 - Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. The Contractor shall assume responsibility for actual field location and protection of existing utilities whether shown or not. The Contractor shall also assume responsibility for repairs to existing utilities, whether shown or not, damaged by the Contractor's activities.
 - The Contractor shall submit a Sequence of Work Schedule and Traffic Control Plan to the Town of Addison prior to commencing work and provide monthly updates until the project is completed.
 - All phases of construction must be coordinated with the Engineer. Field adjustments may be necessary and will be carried out as directed by the Engineer, at no extra pay.
 - No construction or construction material shall be located outside the project limits. No staging on roadways.
 - No construction vehicles allowed on Oaks North Drive, Lake Forest Drive, or Winwood Road south of construction limits. No parking on roadways.
 - Vehicular traffic flow, safety and access shall be maintained during all phases of construction. Barricading and traffic control during construction shall be the responsibility of the Contractor and shall conform to the Texas Manual on Uniform Traffic Control Devices. Traffic flow and access shall be maintained during all phases of construction unless otherwise noted on the traffic control plan. The Contractor shall assume full construction area for the duration of construction activities.
 - The sidewalk shall not be closed to pedestrians for more than 6 weeks at a time. Sidewalk damaged during construction shall be replaced or repaired to as good or better condition than the existing within the 6-week closure period.
 - Coordinate with the Aquatic Resource Specialists to relocate the aquatic wildlife prior to pond unwatering or other site disturbance. Refer to General Notes.

- The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal. Sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineer's specifications, with the cost incidental to the Project Bid items.
- All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
- The Contractor shall be responsible for taking all precautions to protect all existing trees except those specified for removal by the Engineer.
- No materials shall be stored and no vehicles or equipment shall be parked within the drip line of protected trees.
- The Contractor will remove irrigation system heads prior to construction and reinstall them after construction. The Contractor shall coordinate with the Town on the timing of the removal and replacement of the irrigation systems. The Contractor shall be responsible for repairing any damage to the irrigation system (pipes, meters, control boxes, etc.), caused by the Contractor with equal or better quality material at the Contractor's expense. Acceptable replacements shall be coordinated with the Town.
- After construction, the Contractor shall replace the sprinkler heads. The Town shall run the irrigation for 4 hours over 6 days. The Contractor shall replace any broken irrigation components (pipes, meters, control boxes, etc.) damaged during construction at no extra cost to the Owner.
- All water reintroduced to the natural stream shall be filtered uncontaminated, and meet the conditions of the Texas Commission on Environmental Quality (TCEQ), TPDES General Permit No. TXR 150000, issued February 19, 2013. Silt, debris, and contaminated water shall be disposed of properly by the Contractor.
- The Contractor shall coordinate the removal and reinstallation of floating fountains and associated power and wiring with the Town's Parks Department.
- Blasting is not permitted.



CAUTION!!!
EXISTING OHE
LINE IN AREA

CAUTION!!!
EXISTING COMM
LINE IN AREA

CAUTION!!!
EXISTING UGE
LINE IN AREA

CAUTION!!!
EXISTING GAS
LINE IN AREA

**WINWOOD POND
DREDGING PROJECT**
TOWN OF ADDISON
DALLAS COUNTY, TEXAS



No.	Revision	Description



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Project No.: 29751-WA21
Issued: 4/28/2016
Drawn By: HC
Checked By: TL
Scale: AS NOTED
Sheet Title

DEMOLITION PLAN
C2.11
Sheet Number



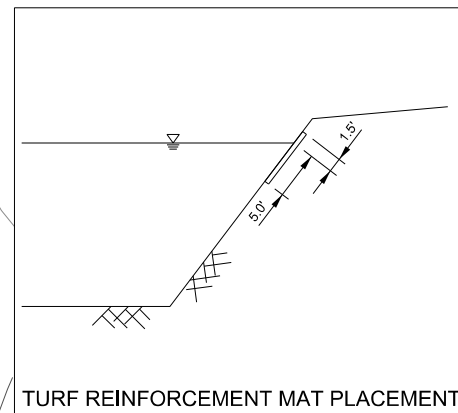
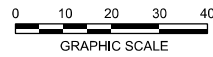
Revision	Date	Description



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Project No.	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title	GRADING PLAN POND 1
Sheet Number	C3.01

CAUTION!!!
EXISTING OHE,
COMM IN AREA



TURF REINFORCEMENT MAT PLACEMENT

CAUTION!!!
EXISTING GAS,
USE IN AREA

CAUTION!!!
EXISTING UGE
LINE IN AREA

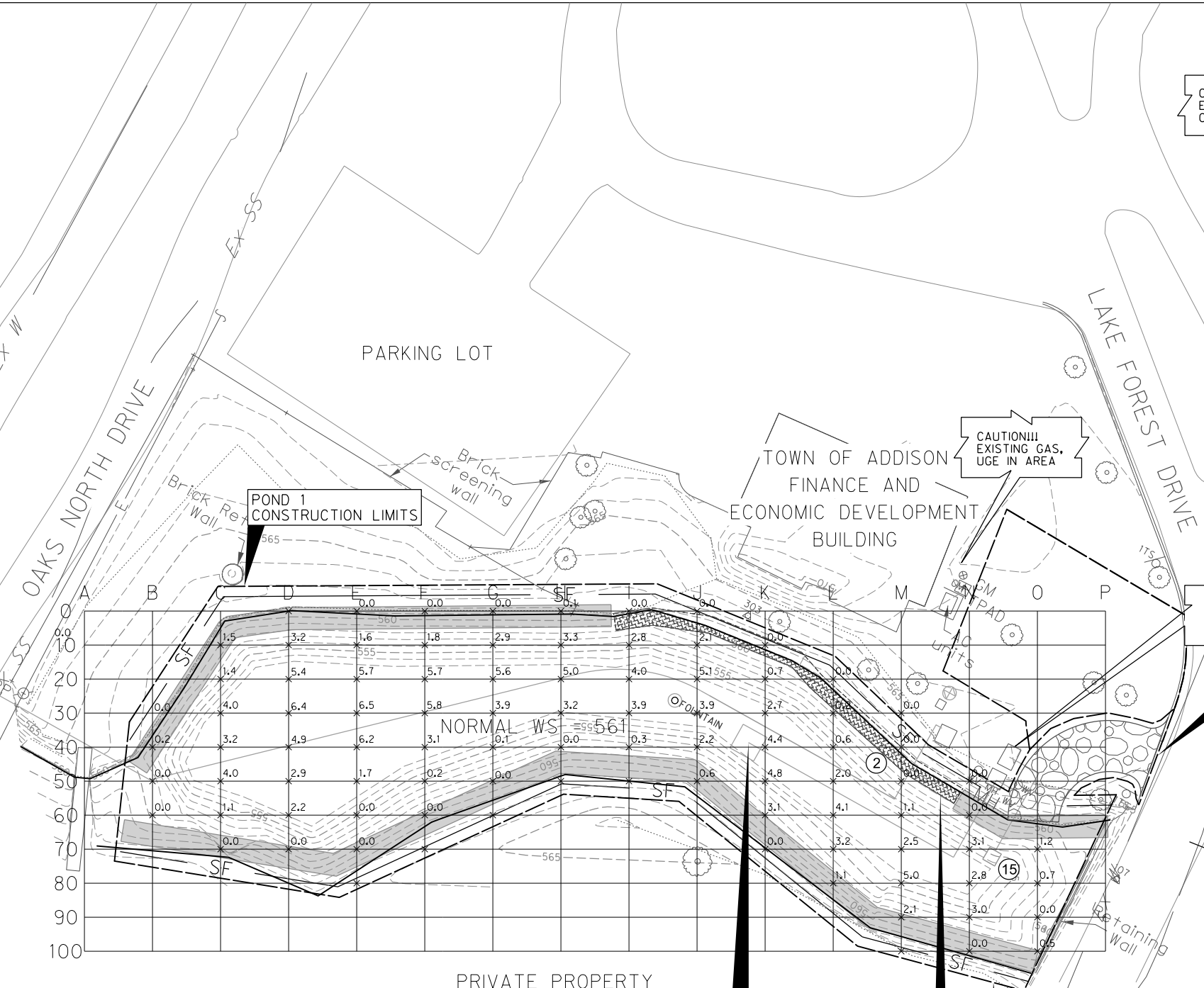
POND 1
CONSTRUCTION LIMITS

CAUTION!!!
EXISTING GAS,
USE IN AREA

POND 1
CONSTRUCTION LIMITS

GABION STRUCTURE
(APPROX. LOCATION)

8'x8' CONCRETE
BOX FOUNTAIN TO
BE DEMOLISHED
(APPROX. LOCATION)



PRIVATE PROPERTY

PARKING LOT

TOWN OF ADDISON
FINANCE AND
ECONOMIC DEVELOPMENT
BUILDING

OAKS NORTH DRIVE

LAKE FOREST DRIVE

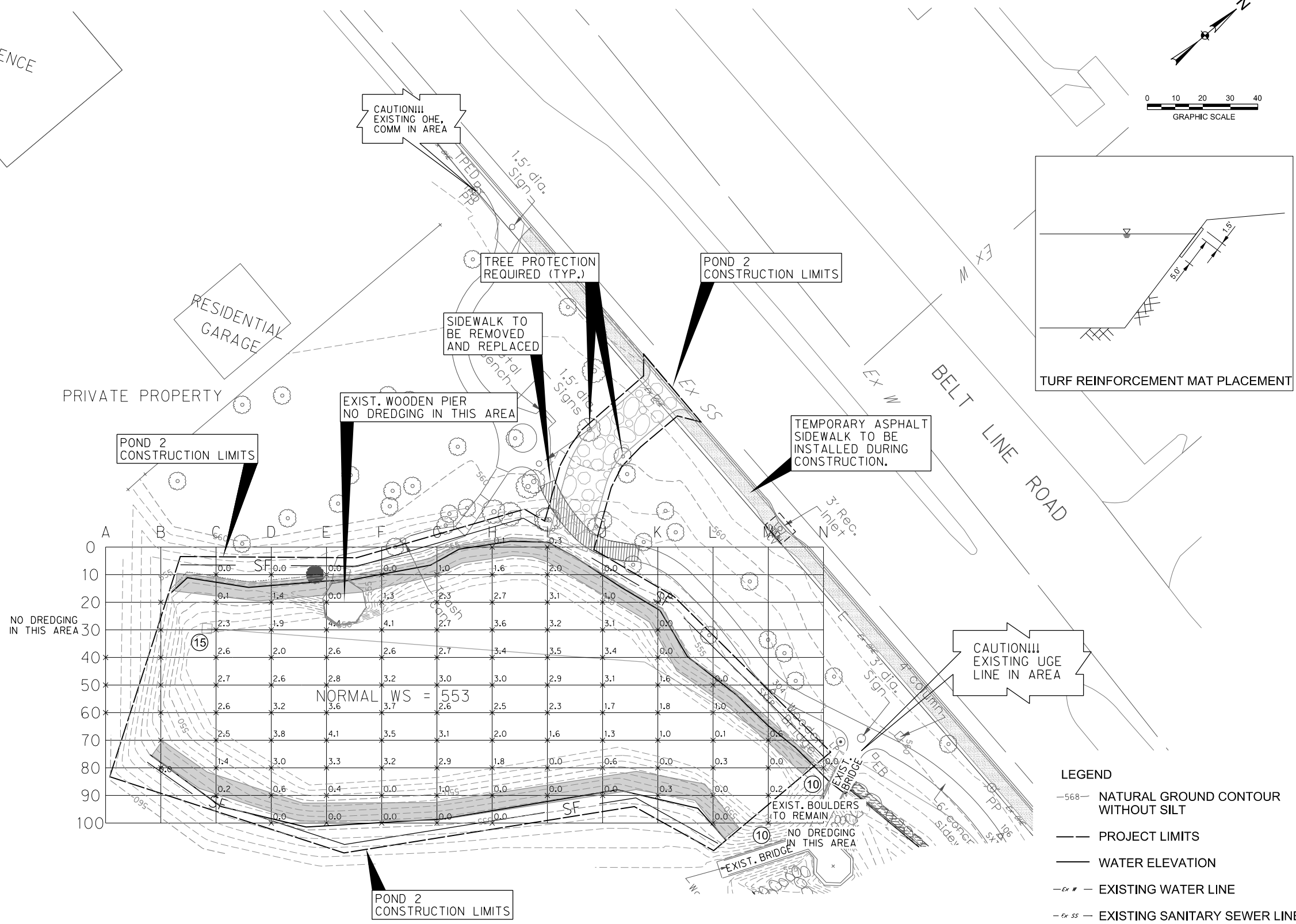
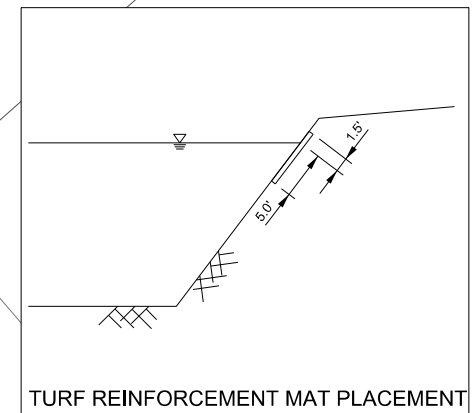
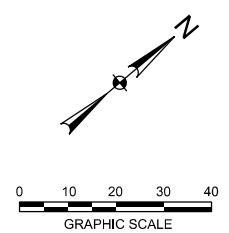
- Notes:
- The depths of silt shown are approximate. The Contractor shall remove all silt within the project limits and as noted on these plans. The Contractor shall be paid per cubic yard removed.
 - All existing grades shown on the plans are approximate and shown based on the best information available.
 - The Contractor shall verify, locate, and protect existing water, sanitary sewer, storm sewer, gas, electric and telephone mains and services and restore service in case of any damage at no extra pay.
 - The Contractor shall protect landscape plants, sidewalks, boulders and gabions and restore in case of any damage at no extra pay.
 - The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal. Sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineers specifications with the cost incidental to the Project Bid Items.
 - All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
 - The Contractor is responsible for all testing, with the cost incidental to the Project.
 - The Contractor shall be responsible for taking all precautions to protect existing trees except on specific authority of the Engineer.
 - The Contractor shall be responsible for taking all precautions to protect existing inlets and floating fountains.
 - The Contractor shall be responsible for repairing any damage caused by the Contractor outside of the designated work area with equal or better quality material at the Contractor's expense.
 - Construction vehicles and material are not allowed in parking lots, streets south the project limits, or within private property.
 - The Contractor shall take reasonable measures to avoid unnecessary noise.
 - Refer to General Notes for additional information.
 - Refer to Demolition Plan for additional information.
 - Provide sandbag type protection or approved equal during the desilting phase for all structures that are to remain in the ponds. The sandbag type protection shall be removed after desilting operation is completed. This shall be subsidiary to the desilting pay item.
 - Ponds 2 and 3 are within the 100-year flood hazard area. Refer to FEMA maps 48113C0185K and 48113C0180K for 100-year limits and elevations.

- LEGEND
- 568- NATURAL GROUND CONTOUR WITHOUT SILT
 - PROJECT LIMITS
 - WATER ELEVATION
 - Ex # - EXISTING WATER LINE
 - Ex SS - EXISTING SANITARY SEWER LINE
 - SF - SILT FENCE
 - 3.3 DEPTH OF SILT (FEET)
 - TURF REINFORCEMENT MAT
 - TREE TO REMAIN
 - TREE TO BE REMOVED
 - 9 REFERENCE TO NOTE
 - 15 FLOATING FOUNTAIN



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Project No.:	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title:	GRADING PLAN POND 2
Sheet Number:	C3.02

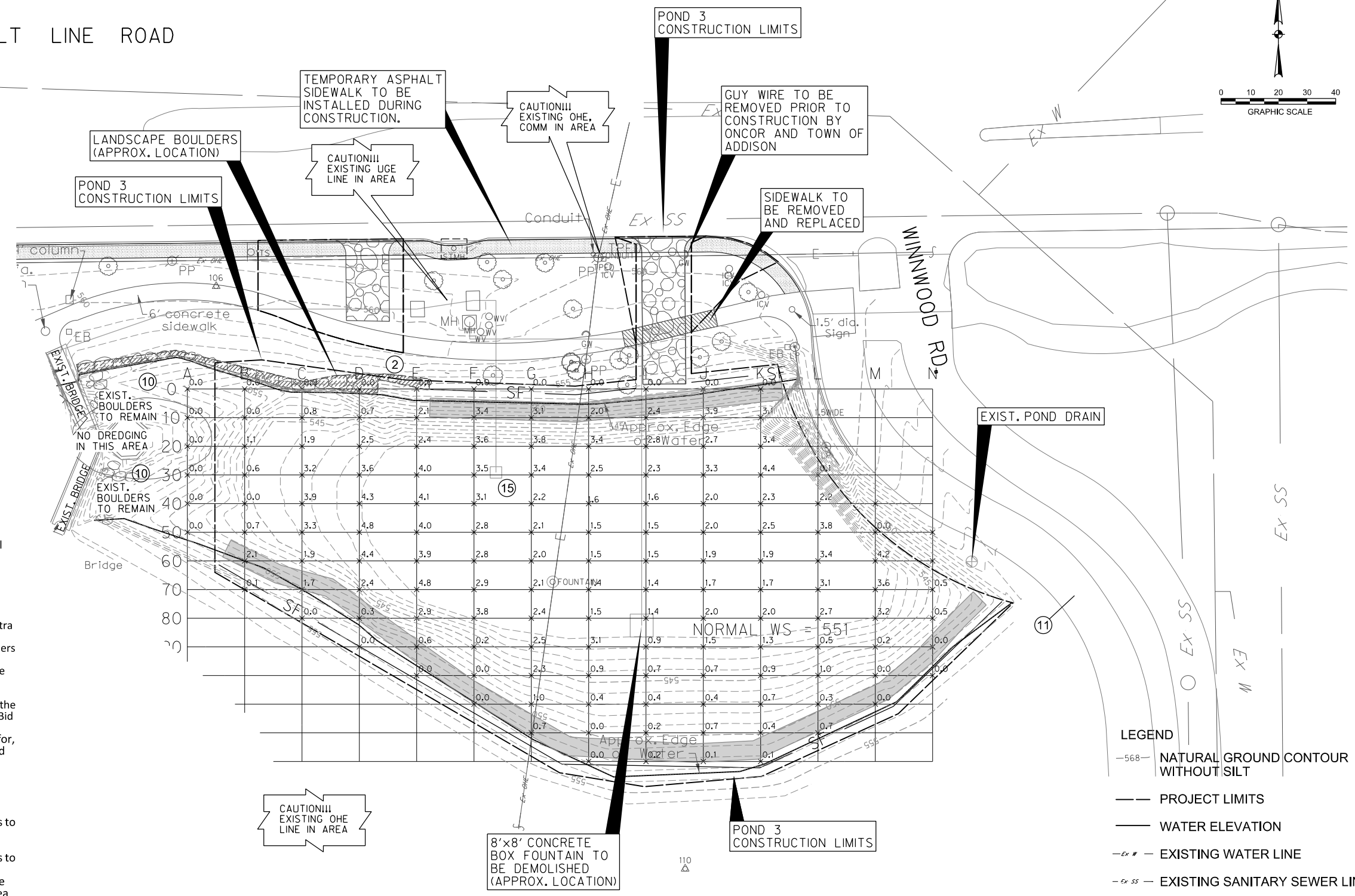
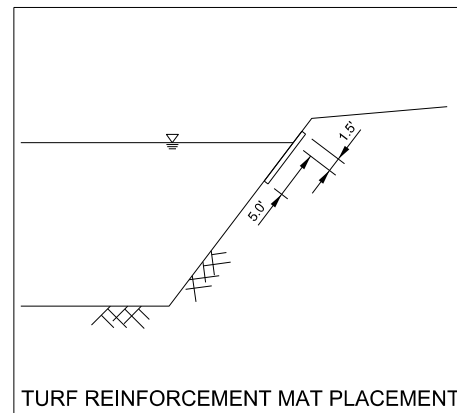
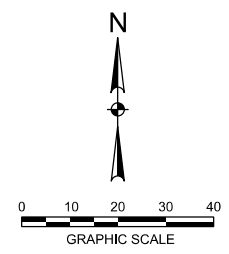


	A	B	C	D	E	F	G	H	I	J	K	L	M	N
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- Notes:
- The depths of silt shown are approximate. The Contractor shall remove all silt within the project limits and as noted on these plans. The Contractor shall be paid per cubic yard removed.
 - All existing grades shown on the plans are approximate and shown based on the best information available.
 - The Contractor shall verify, locate, and protect existing water, sanitary sewer, storm sewer, gas, electric and telephone mains and services and restore service in case of any damage at no extra pay.
 - The Contractor shall protect landscape plants, sidewalks, boulders and gabions and restore in case of any damage at no extra pay.
 - The Contractor shall contact the Town of Addison Infrastructure Operations and Services Department prior to any sign removal. Sign removal and reinstallation/relocation shall be in good condition equal to or better than existing condition, and as per the Engineers specifications with the cost incidental to the Project Bid Items.
 - All fences, signs, and property corner monuments removed for, or damaged during construction shall be replaced or repaired to as good a condition or with a better material than the existing as per the Engineer's specifications. Extra payment shall not be made for this work.
 - The Contractor is responsible for all testing, with the cost incidental to the Project.
 - The Contractor shall be responsible for taking all precautions to protect existing trees except on specific authority of the Engineer.
 - The Contractor shall be responsible for taking all precautions to protect existing inlets and floating fountains.
 - The Contractor shall be responsible for repairing any damage caused by the Contractor outside of the designated work area with equal or better quality material at the Contractor's expense.
 - Construction vehicles and material are not allowed in parking lots, streets south the project limits, or within private property.
 - The Contractor shall take reasonable measures to avoid unnecessary noise.
 - Refer to General Notes for additional information.
 - Refer to Demolition Plan for additional information.
 - Provide sandbag type protection or approved equal during the desilting phase for all structures that are to remain in the ponds. The sandbag type protection shall be removed after desilting operation is completed. This shall be subsidiary to the desilting pay item.
 - Ponds 2 and 3 are within the 100-year flood hazard area. Refer to FEMA maps 48113C0185K and 48113C0180K for 100-year limits and elevations.

- LEGEND
- 56.8- NATURAL GROUND CONTOUR WITHOUT SILT
 - PROJECT LIMITS
 - WATER ELEVATION
 - Ex #- EXISTING WATER LINE
 - Ex SS- EXISTING SANITARY SEWER LINE
 - SF - SILT FENCE
 - 3.3 DEPTH OF SILT (FEET)
 - TURF REINFORCEMENT MAT
 - TREE TO REMAIN
 - TREE TO BE REMOVED
 - 9 REFERENCE TO NOTE
 - FLOATING FOUNTAIN

BELT LINE ROAD



- Notes:
- The depths of silt shown are approximate. The Contractor shall remove all silt within the project limits and as noted on these plans. The Contractor shall be paid per cubic yard removed.
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 - The Contractor shall verify, locate, and protect existing water, sanitary sewer, storm sewer, gas, electric and telephone mains and services and restore service in case of any damage at no extra pay.
 - The Contractor shall protect landscape plants, sidewalks, boulders and gabions and restore in case of any damage at no extra pay.
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 - Construction vehicles and material are not allowed in parking lots, streets south the project limits, or within private property.
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 - Refer to General Notes for additional information.
 - Refer to Demolition Plan for additional information.
 - Provide sandbag type protection or approved equal during the desilting phase for all structures that are to remain in the ponds. The sandbag type protection shall be removed after desilting operation is completed. This shall be subsidiary to the desilting pay item.
 - Ponds 2 and 3 are within the 100-year flood hazard area. Refer to FEMA maps 48113C0185K and 48113C0180K for 100-year limits and elevations.

- LEGEND
- 568- NATURAL GROUND CONTOUR WITHOUT SILT
 - PROJECT LIMITS
 - WATER ELEVATION
 - Ex #- EXISTING WATER LINE
 - Ex SS- EXISTING SANITARY SEWER LINE
 - SF - SILT FENCE
 - 3.3 DEPTH OF SILT (FEET)
 - TURF REINFORCEMENT MAT
 - TREE TO REMAIN
 - TREE TO BE REMOVED
 - ⑨ REFERENCE TO NOTE
 - FLOATING FOUNTAIN

WINWOOD POND
DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

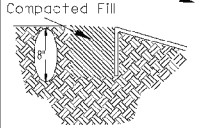
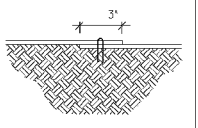
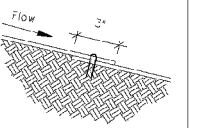
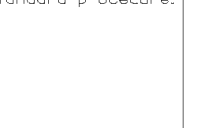
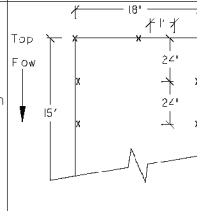
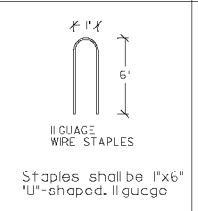
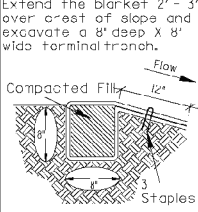
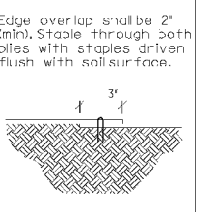
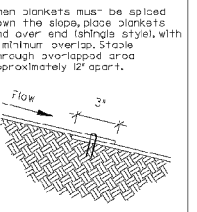
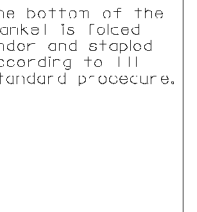
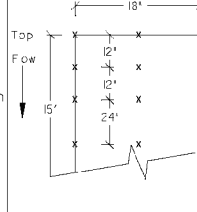
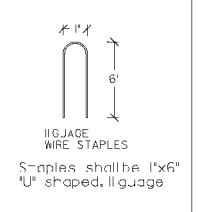
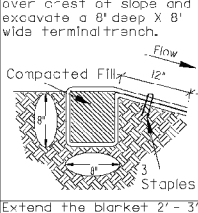
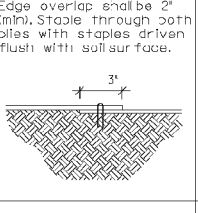
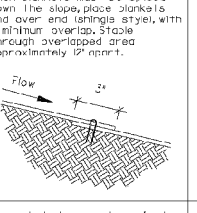
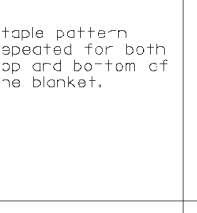
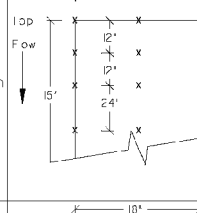
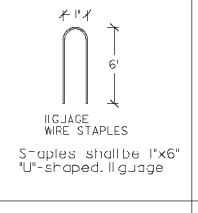
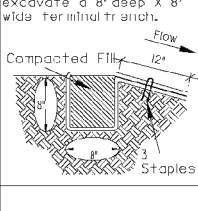
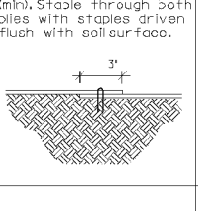
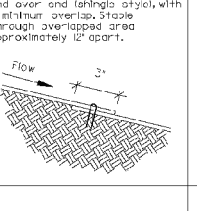
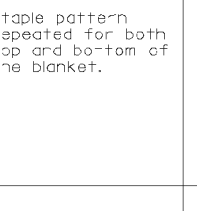
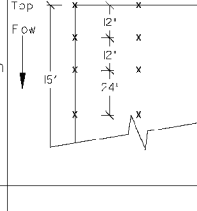
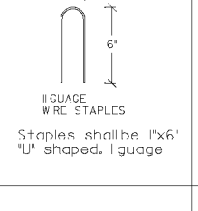


Revision	Date	Description



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Project No.:	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title:	GRADING PLAN POND 3
Sheet Number:	C3.03

PRODUCT NAME	A TOP OF SLOPE	B EDGE OVERLAP	C JUNCT OVERLAP	D TERMINAL END	E TNSV CHECK	F PERIMETER EDGE	G STAPLE PATTERN	H STAPLE TYPE	REMARKS
Western Excelsior SC-3	Top of blanket is trench in 8" deep with no staples 	Edge overlap shall be 2" (min). Staple through both piles with staples driven flush with soil surface. 	When blankets must be placed down the slope, place blankets end over end (shingle style), with 6" minimum overlap. Staple through overlapped area approximately 12" apart. 	The bottom of the blanket is trenched under and stapled according to TTI standard procedure. 	Not Required	Staples to be within 1/2' of the edge of the mat			Top and bottom of the blanket have a staple on each side and one in the middle (3 Staples). Staple pattern repeated for both top and bottom of the blanket.
North American Green SC250	Extend the blanket 2'-3' over crest of slope and excavate a 8" deep X 8' wide terminal trench. 	Edge overlap shall be 2" (min). Staple through both piles with staples driven flush with soil surface. 	When blankets must be placed down the slope, place blankets end over end (shingle style), with 6" minimum overlap. Staple through overlapped area approximately 12" apart. 	The bottom of the blanket is trenched under and stapled according to TTI standard procedure. 	Not Required	Staples to be within 1/2' of the edge of the mat			Staples in the body of the blanket are placed in a 3-3 pattern every 24" until the 14" mark of the flume tray. 3 more staples are placed at the very end of the flume tray 12" down from the last row of 3 at the 15" mark. There are 30 staples total.
North American Green C350	Extend the blanket 2'-3' over crest of slope and excavate a 8" deep X 8' wide terminal trench. 	Edge overlap shall be 2" (min). Staple through both piles with staples driven flush with soil surface. 	When blankets must be placed down the slope, place blankets end over end (shingle style), with 6" minimum overlap. Staple through overlapped area approximately 12" apart. 	Staple pattern repeated for both top and bottom of the blanket. 	Not Required	Staples to be within 1/2' of the edge of the mat			Staples in the body of the blanket are placed in a 3-3 pattern every 24" until the 14" mark of the flume tray. 3 more staples are placed at the very end of the flume tray 12" down from the last row of 3 at the 15" mark. There are 30 staples total.
North American Green P550	Extend the blanket 2'-3' over crest of slope and excavate a 8" deep X 8' wide terminal trench. 	Edge overlap shall be 2" (min). Staple through both piles with staples driven flush with soil surface. 	When blankets must be placed down the slope, place blankets end over end (shingle style), with 6" minimum overlap. Staple through overlapped area approximately 12" apart. 	Staple pattern repeated for both top and bottom of the blanket. 	Not Required	Staples to be within 1/2' of the edge of the mat			Staples in the body of the blanket are placed in a 3-3 pattern every 24" until the 14" mark of the flume tray. 3 more staples are placed at the very end of the flume tray 12" down from the last row of 3 at the 15" mark. There are 30 staples total.

NOTES:

1. Grade area of installation. Remove all rocks and other obstructions so the material will have direct contact with soil.
2. Install product in direction of water flow unless otherwise noted.
3. Apply seed/fertilizer as specified by TxDOT specifications.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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 STANDARD DETAIL SHEET
 CLASS 1 - SLOPE PROTECTION
 TYPES A, B, C, D

DESIGN FILE	DATE	SHEET NO.
FEDERAL AID PROJECT NO.	JULY 2002	6 OF 8
STATE	COUNTY	
TXAS		
CONTRACT	SECTION	HIGHWAY NO.
JR		

WINWOOD POND
 DREDGING PROJECT
 TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

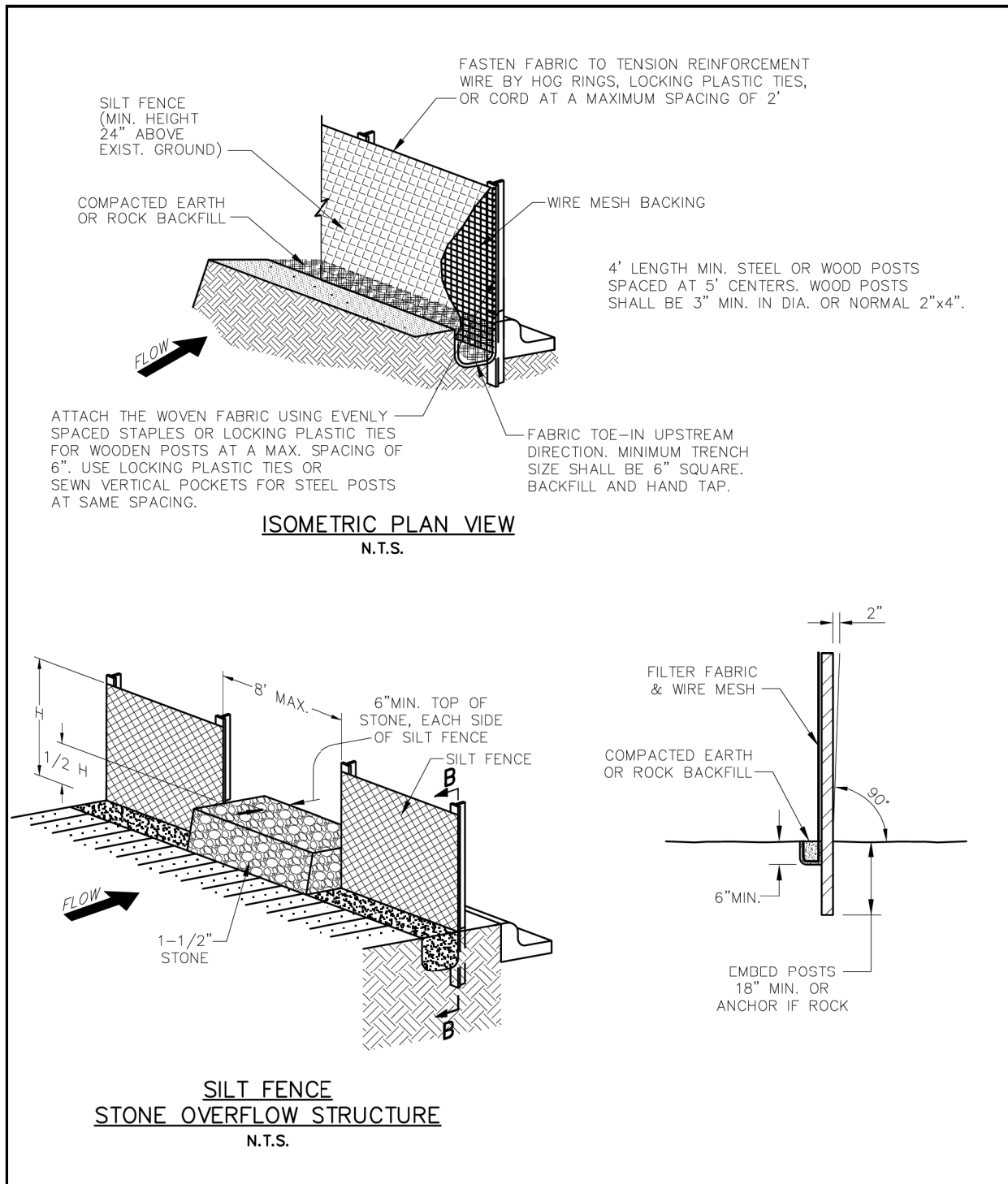


Revision No.	Date	Description



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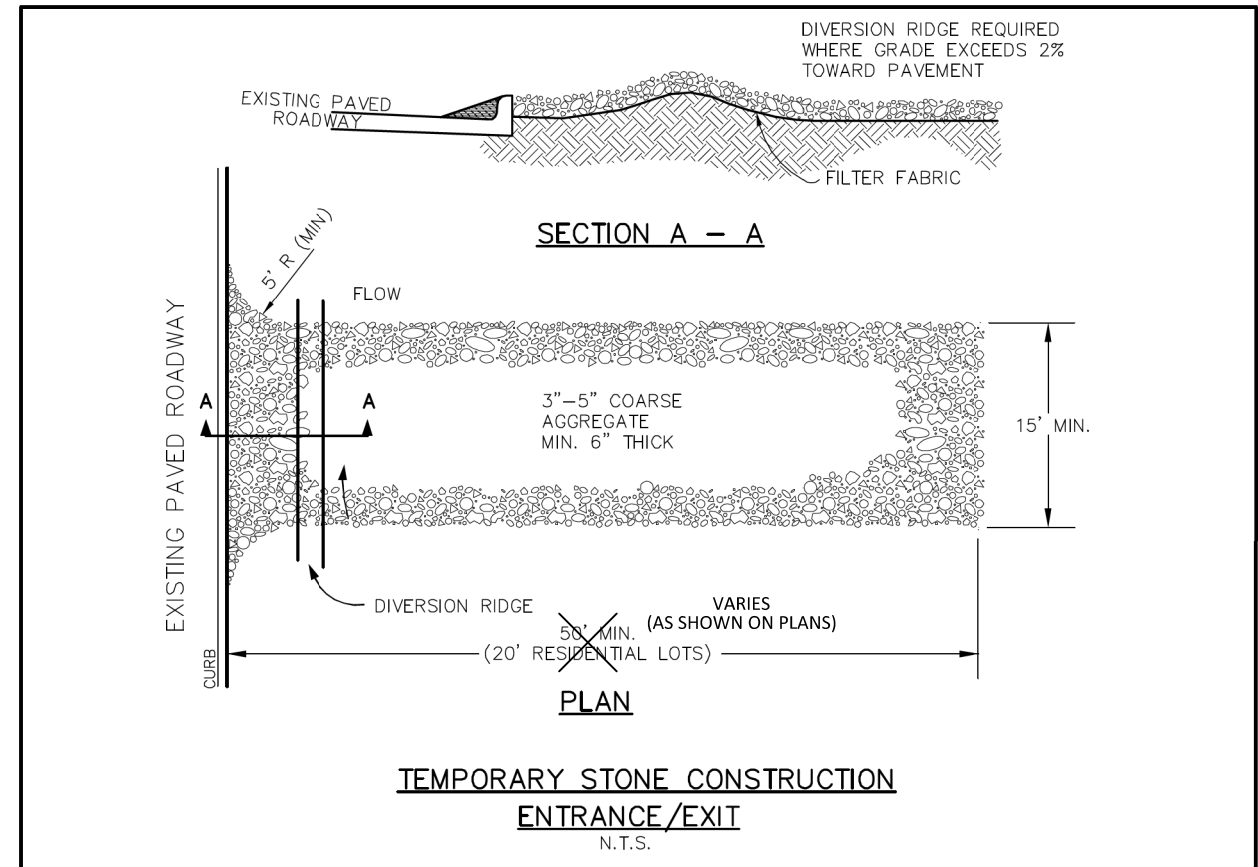
Project No.	29751-WA21
Issued	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title	SLOPE PROTECTION DETAILS
Sheet Number	C9.01



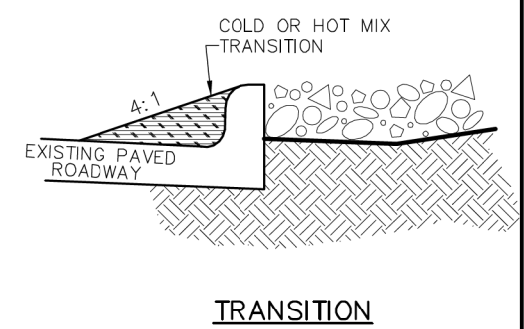
 PUBLIC WORKS DEPARTMENT	SILT FENCE DETAIL	STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-EC02

Silt Fence Notes

- The Contractor shall install silt fences as approved in the Contractor's erosion control plan.
- Posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. The post must be embedded a minimum of 18 inches.
- The toe of the silt fence shall be trenched in with a spade or mechanical trencher, so that the downslope face of the trench is flat and perpendicular to the line of flow. Where fence cannot be trenched in (e.g. pavement), weight fabric flap with washed gravel on the uphill side to prevent flow under fence.
- The trench must be a minimum of 6 inches deep and 6 inches wide to allow for the silt fence fabric to be laid in the ground and backfilled with compacted material.
- Silt fence shall be securely fastened to each support post or to woven wire, which is in turn attached to the support post. There shall be a 6 inch double overlap, securely fastened where ends of fabric meet.
- Inspection shall be made every two weeks or after each rainfall. Repair or replacement shall be promptly as needed.
- Silt fence shall be removed when the site is completely stabilized so as not to block or impede storm flow or drainage.
- Accumulated silt shall be removed when it reaches a depth of 3 inches. The silt shall be disposed of at an approved site and in such a manner as to no contribute to additional siltation.



- STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:**
- WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
 - THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
 - WHEN SEDIMENT HAS SUBSTANTIALLY CLOGGED THE VOID AREA BETWEEN THE ROCKS, THE AGGREGATE MAT MUST BE WASHED DOWN OR REPLACED. PERIODIC RE-GRADED AND TOP DRESSING WITH ADDITIONAL STONE MUST BE DONE TO KEEP THE EFFICIENCY OF THE ENTRANCE FROM DIMINISHING.



 PUBLIC WORKS DEPARTMENT	TEMPORARY STONE CONSTRUCTION ENTRANCE/EXIT	STANDARD CONSTRUCTION DETAILS EROSION CONTROL		
		DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-EC03

WINWOOD POND
DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

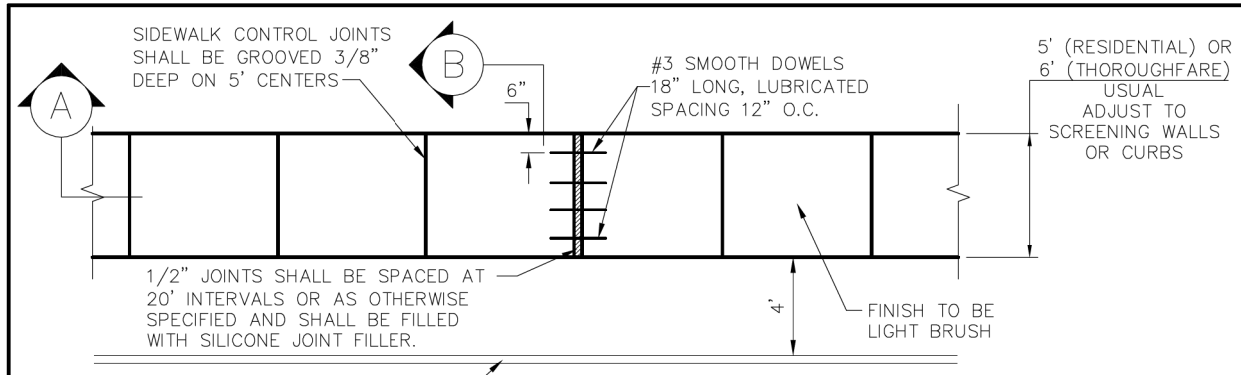


Revision No.	Date	Description

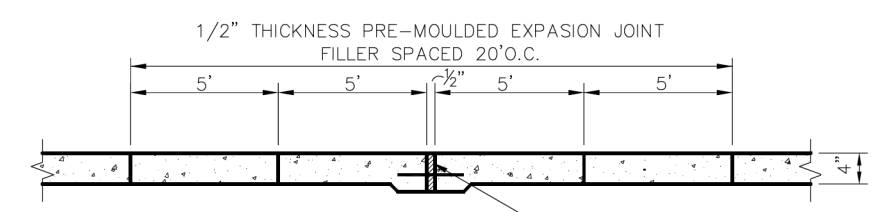


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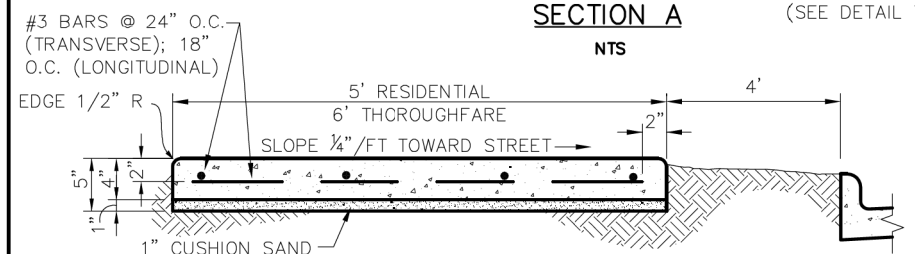
Project No.:	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	JL
Scale:	AS NOTED
Sheet Title:	EROSION CONTROL DETAILS
C9.02	
Sheet Number	



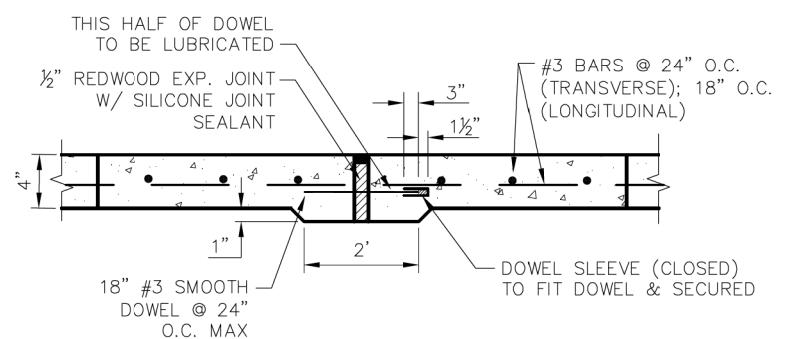
PLAN
NTS



SECTION A
NTS

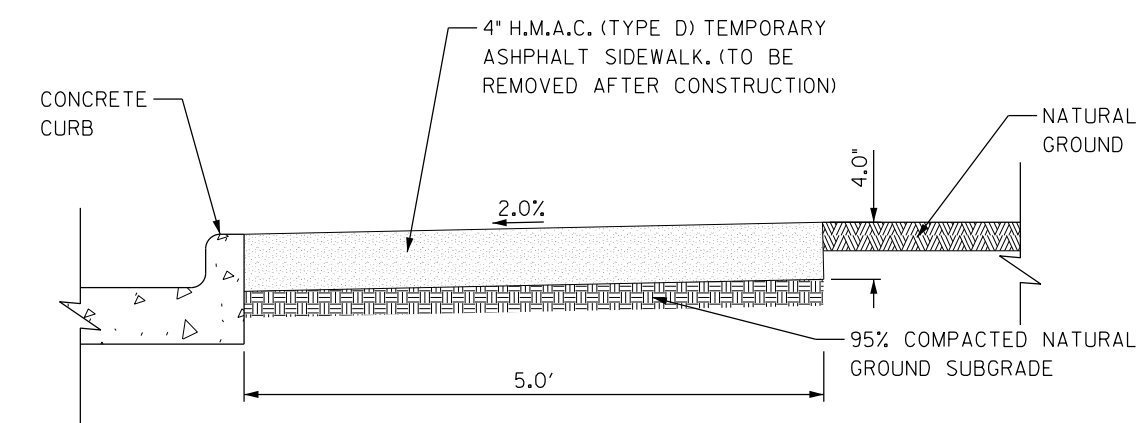


SECTION B
NTS



EXPANSION JOINT DETAIL
NTS

NOTE:
WHEN CONCRETE WALK IS ADJACENT TO CURB, DEPTH OF EXPANSION JOINT MATERIAL SHALL BE SUFFICIENT TO PREVENT CONCRETE TO CONCRETE CONTACT BETWEEN WALK AND CURB.



TEMPORARY CONSTRUCTION
SIDEWALK DETAIL
N.T.S.

NOTES:
1. NO TREES OR SIGNS SHALL BE REMOVED.
2. RESTORE NATURAL GROUND TO PRE-CONSTRUCTION CONDITIONS.

WINWOOD POND
DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS



Revision No.	Date	Description



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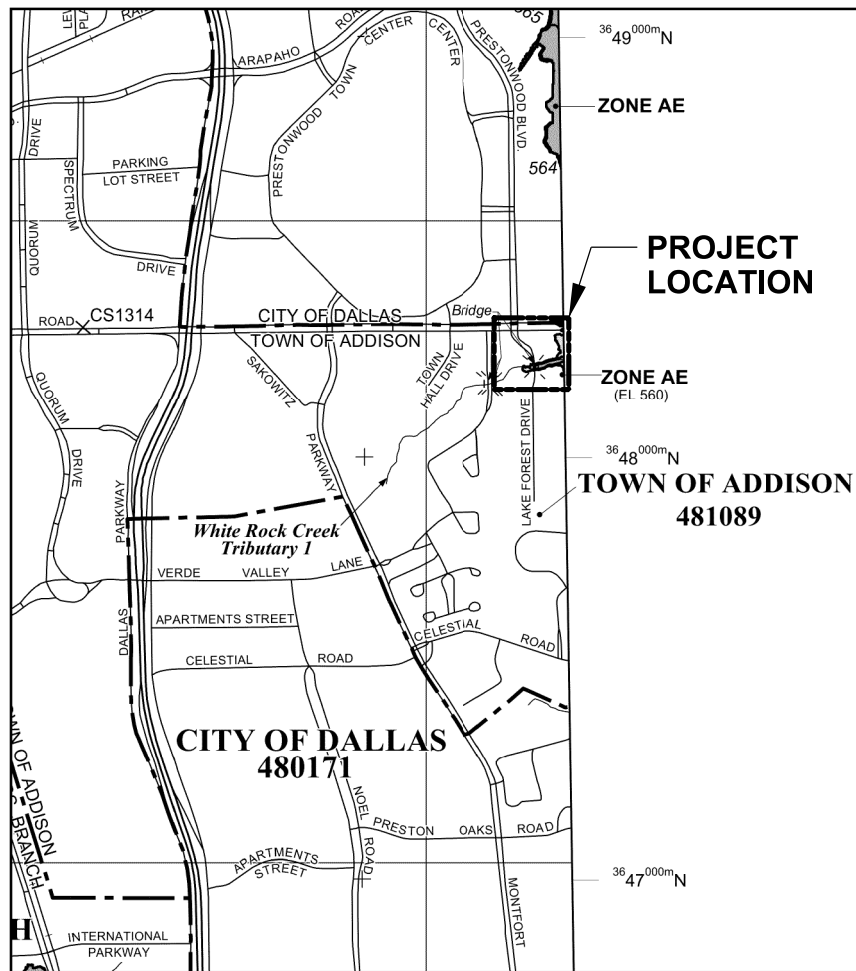
Project No.:	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title:	SIDEWALK DETAILS
Sheet Number:	C9.03



CONCRETE SIDEWALK

STANDARD CONSTRUCTION DETAILS PAVING

DATE: AUGUST, 2010	REV DATE: -	SHEET : SD-P26
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MAP SCALE 1" = 1000'
0 1000 2000 FEET METERS

NFP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0180K

FIRM
FLOOD INSURANCE RATE MAP
DALLAS COUNTY, TEXAS
AND INCORPORATED AREAS

PANEL 180 OF 725
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

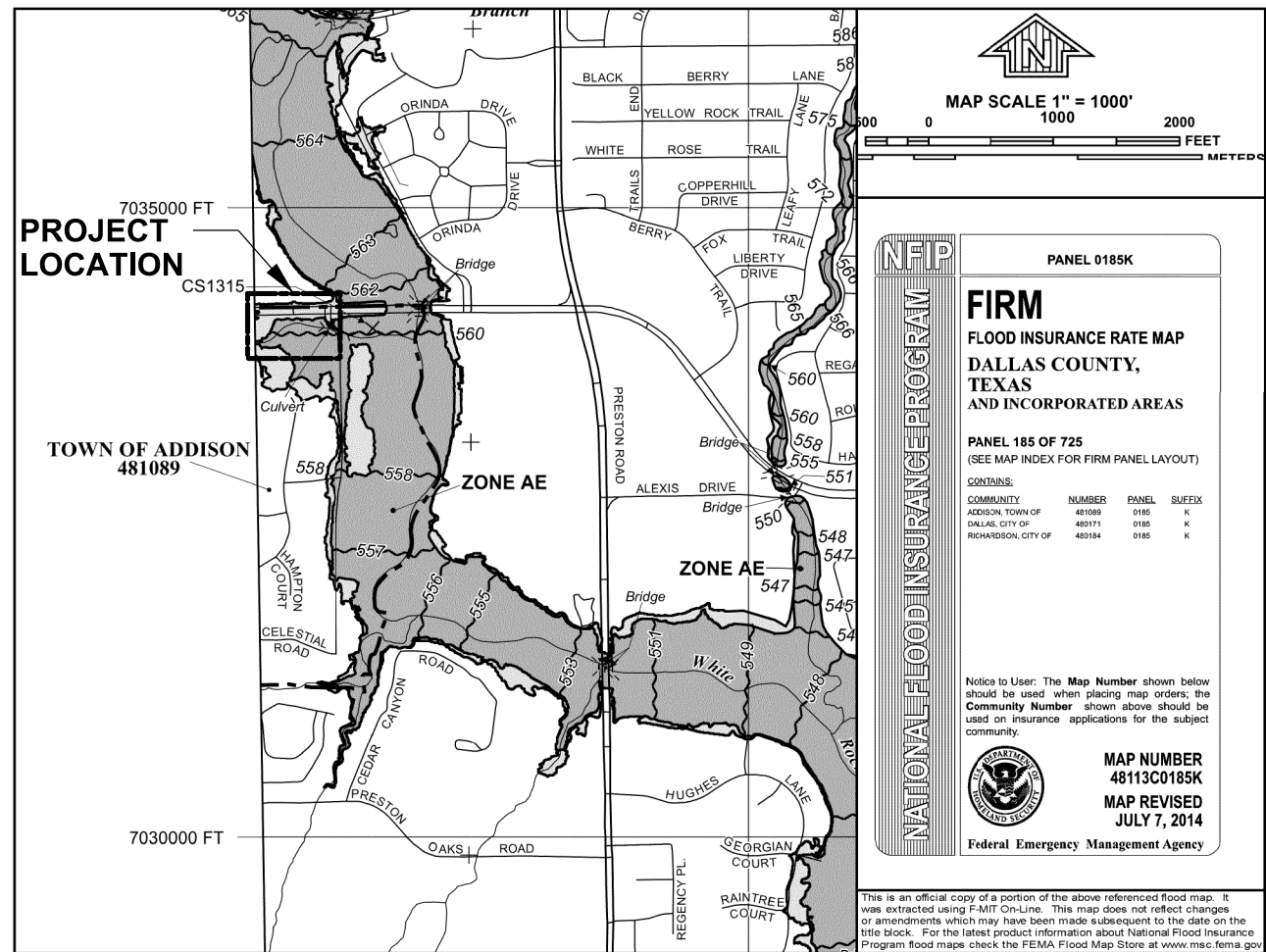
COMMUNITY	NUMBER	PANEL	SUFFIX
ADDISON, TOWN OF	481089	0180	K
CARROLLTON, CITY OF	480167	0180	K
DALLAS, CITY OF	480171	0180	K
FARMERS BRANCH, CITY OF	480174	0180	K

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
48113C0180K
MAP REVISED
JULY 7, 2014

Federal Emergency Management Agency

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MAP SCALE 1" = 1000'
0 1000 2000 FEET METERS

NFP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0185K

FIRM
FLOOD INSURANCE RATE MAP
DALLAS COUNTY, TEXAS
AND INCORPORATED AREAS

PANEL 185 OF 725
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ADDISON, TOWN OF	481089	0185	K
DALLAS, CITY OF	480171	0185	K
RICHARDSON, CITY OF	480184	0185	K

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MAP NUMBER
48113C0185K
MAP REVISED
JULY 7, 2014

Federal Emergency Management Agency

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LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
- OTHERWISE PROTECTED AREAS (OPAs)
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% Annual Chance Floodplain Boundary
- 0.2% Annual Chance Floodplain Boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.
- Base Flood Elevation line and value; elevation in feet*
- Base Flood Elevation value where uniform within zone; elevation in feet*
- *Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transect line
- 45° 02' 08", 93° 02' 12"
- 3100000 FT
- 4990000 N
- DX5510
- *M1.5
- River Mile
- MAP REPOSITORIES
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
August 23, 2001

WINWOOD POND DREDGING PROJECT
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

ADDISON

HALFF
12225 GREENVILLE AVENUE, SUITE 200
DALLAS, TEXAS 75243
TEL: 972.714.2200
FAX: 972.714.2202

Revision No.	Date	Description

TIMOTHY E. LACKEY
61212
PROFESSIONAL ENGINEER
STATE OF TEXAS

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Project No.:	29751-WA21
Issued:	4/28/2016
Drawn By:	HC
Checked By:	TL
Scale:	AS NOTED
Sheet Title:	FEMA FIRMette MAPS
C9.04	Sheet Number