

The Enclosed Document Is Provided For Your Convenience.

Please Email ALL Questions:
[MailTo:ContractAdministration@TampaGov.net](mailto:ContractAdministration@TampaGov.net)

Please Let Us Know If You Plan To Bid

City of Tampa
Contract Administration Department
306 E. Jackson St. #280A4N
Tampa, FL 33602
(813)274-8456

CSX RAILROAD R/W

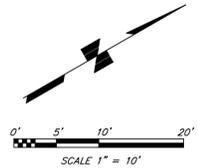
(100' R/W & ATLANTIC COAST LINE RAILROAD BY PLAT)

O.R. 1817, PAGE 449
(C.O.T. RESOLUTION 1008-E)

N 30°00'09" E 534.04 (M)
N 29°50'09" E 534.21 (P)

N 30°00'09" E 459.04 (M)
N 29°50'09" E 459.21 (D)

N 30°00'30" E 453.23 (M)
N 29°50'09" E 453.40 (D)



LEGEND (As Applicable)

- CIR Capped Iron Rod
- CLF Chain Link Fence
- CO Concrete
- Conc. Concrete
- EL Elevation
- FF Finished Floor
- GW Guy Wire
- HWF Hog Wire Fence
- IE Invert Elevation
- LB Licensed Business
- LP Light Pole
- (M) Measured data
- MEG Match Existing Grade
- MH Manhole
- (P) Plat data
- PK&D Parker Kalon Nail & Disk
- RCP Reinforced Concrete Pipe
- R/W Right of Way
- TBM Temporary Bench Mark
- TE Top Elevation
- TOB Top of Bank
- OHW Overhead Wires
- UP Utility Pole
- WF Wood Fence
- Existing Grade

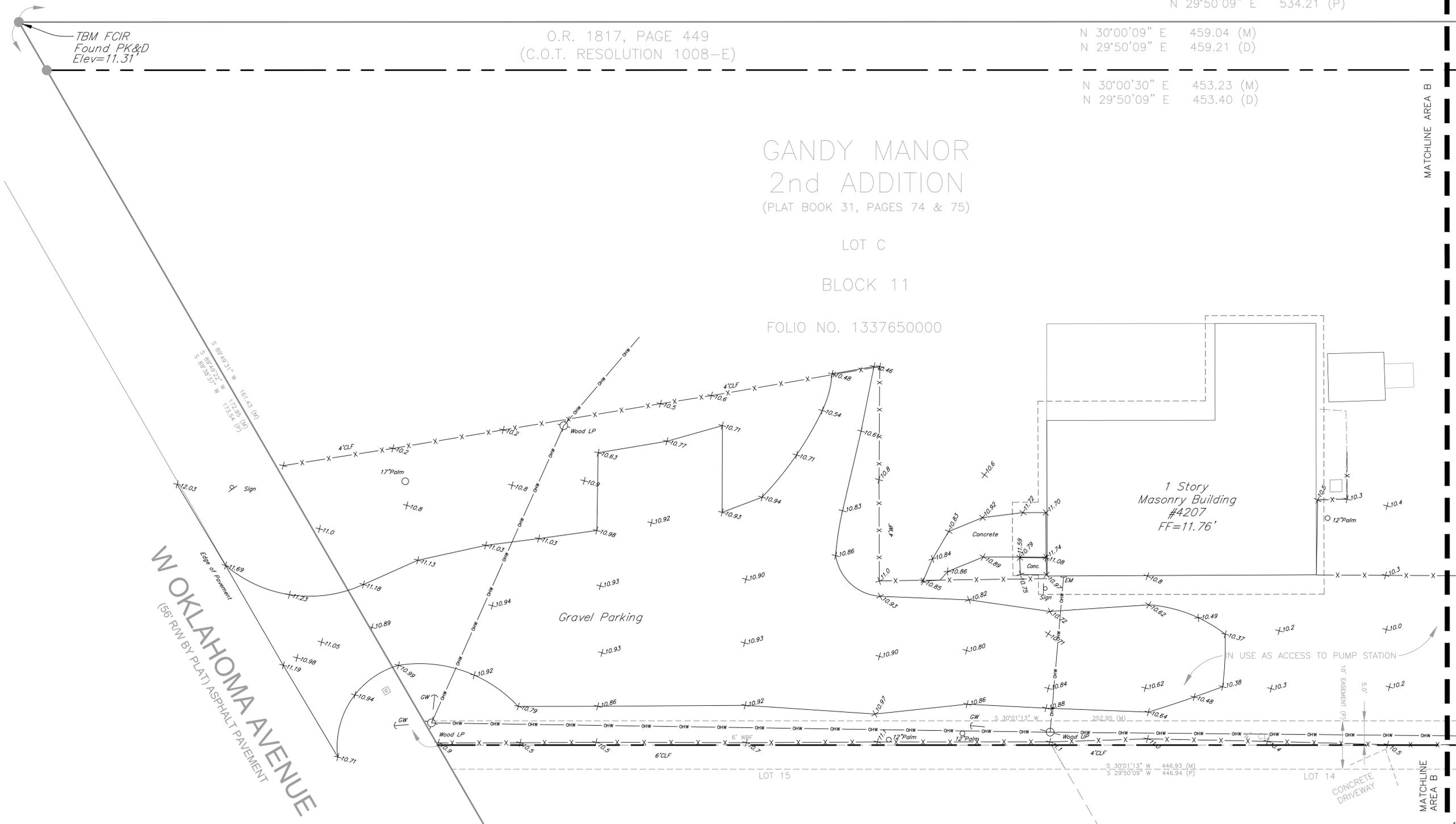
GANDY MANOR 2nd ADDITION

(PLAT BOOK 31, PAGES 74 & 75)

LOT C

BLOCK 11

FOLIO NO. 1337650000



W OKLAHOMA AVENUE
(56' R/W BY PLAT) ASPHALT PAVEMENT

-100% SUBMITTAL - 12/20/16

REVISIONS					
BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION

MILLS and ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
3242 HENDERSON BOULEVARD - SUITE 300
TAMPA, FLORIDA 33609-3056
TELEPHONE: (813) 876-5869

FOR
CITY OF TAMPA
WASTEWATER DEPARTMENT
2545 GUY N VERGER BLVD.
TAMPA, FLORIDA 33605

DRAWN BY: CVM DATE 12-20-16
DESIGN BY: CVM DATE 12-20-16
CHECKED BY: LEM DATE 12-20-16
SCALE: 1" = 10'

LAWRENCE E. MILLS
P.E. NO. 22324 - P.L.S. NO. 3141
E.B. NO. 3860 - L.B. NO. 3868
STATE OF FLORIDA

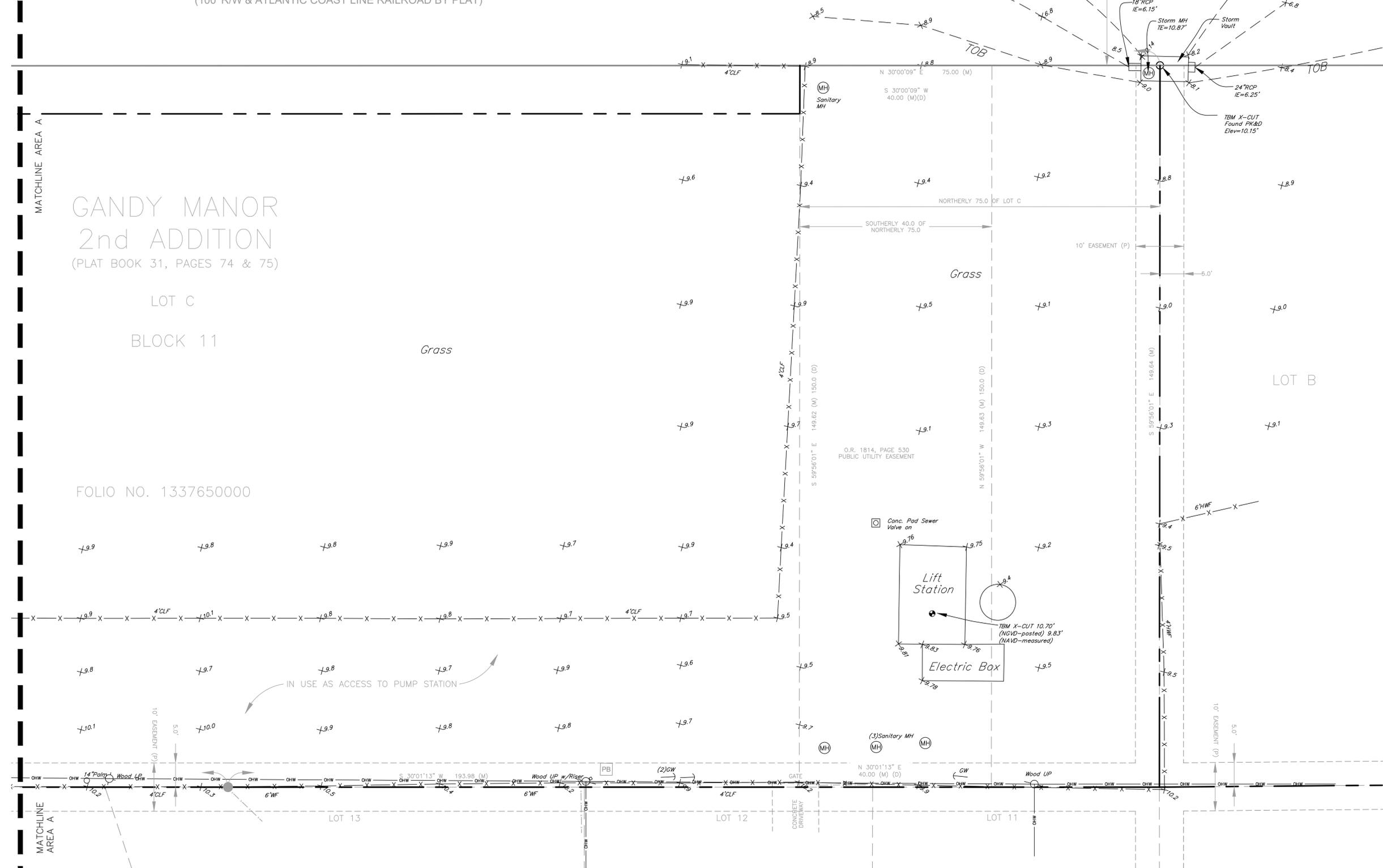
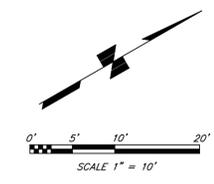
PROJECT
**LOIS PUMPING
STATION DRIVEWAY**

AREA A EXISTING CONDITIONS

SHEET
C0.0

JOB NO.
15-022

CSX RAILROAD R/W
(100' R/W & ATLANTIC COAST LINE RAILROAD BY PLAT)



- LEGEND (As Applicable)**
- CIR Capped Iron Rod
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 - +9.1 Existing Grade

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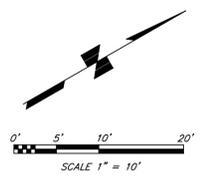
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PROJECT
LOIS PUMPING STATION DRIVEWAY
AREA B EXISTING CONDITIONS

SHEET
C0.1
JOB NO.
15-022

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E.B. NO. 3860 - L.B. NO. 3868
STATE OF FLORIDA

NOTE TO CONTRACTOR:
 CONTRACTOR TO CALL SUNSHINE ONE-CALL OF FLORIDA AT
 1-800-432-4770 A MINIMUM OF 2 DAYS BEFORE EXCAVATION.



CSX RAILROAD R/W
 (100' R/W & ATLANTIC COAST LINE RAILROAD BY PLAT)

N 30°00'09" E 534.04 (M)
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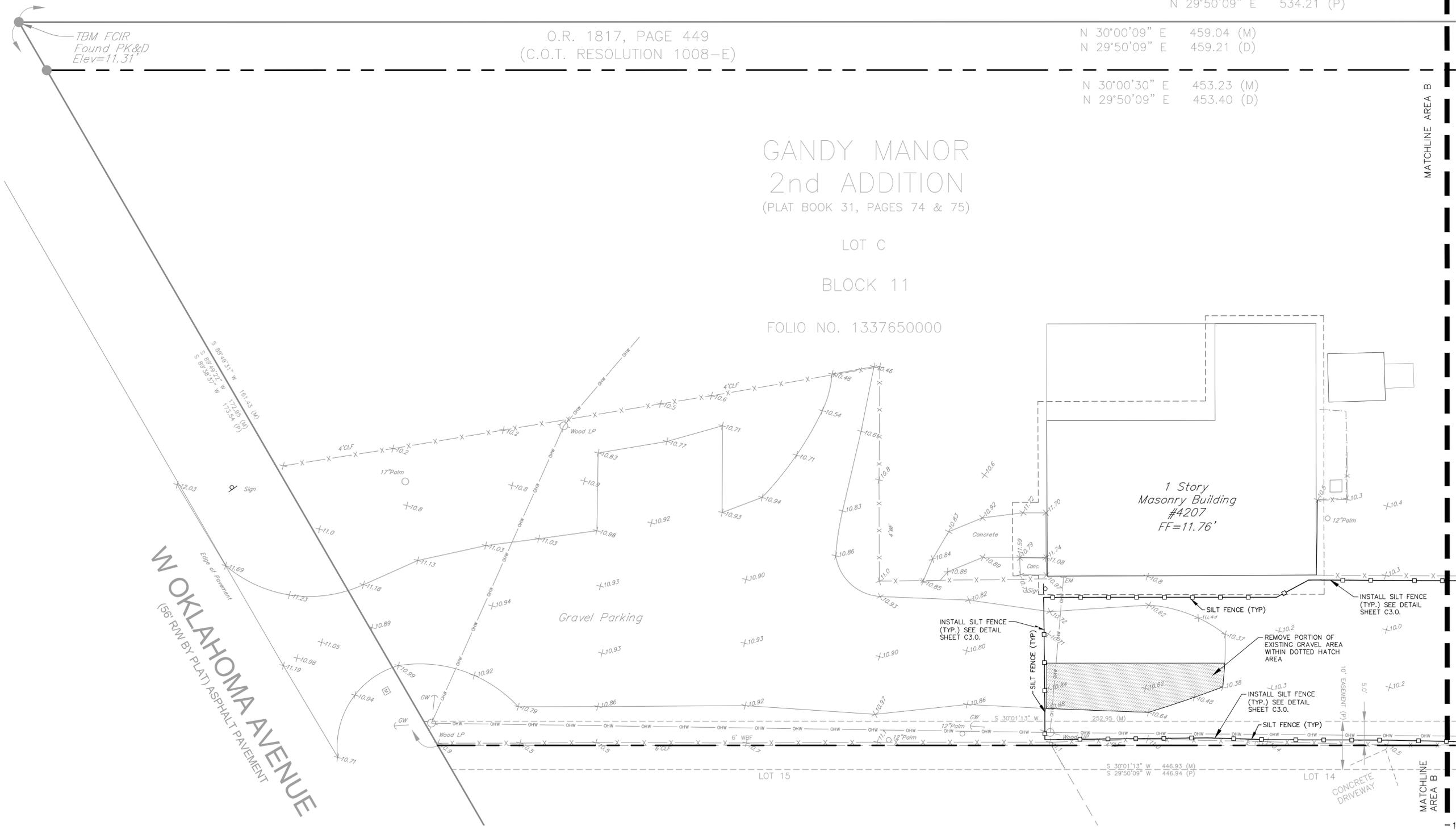
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GANDY MANOR
2nd ADDITION
 (PLAT BOOK 31, PAGES 74 & 75)

LOT C

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FOLIO NO. 1337650000



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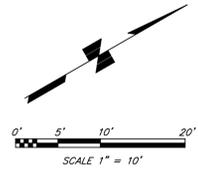
PROJECT
LOIS PUMPING STATION DRIVEWAY

AREA A DEMOLITION & EROSION CONTROL PLAN

SHEET
C1.0

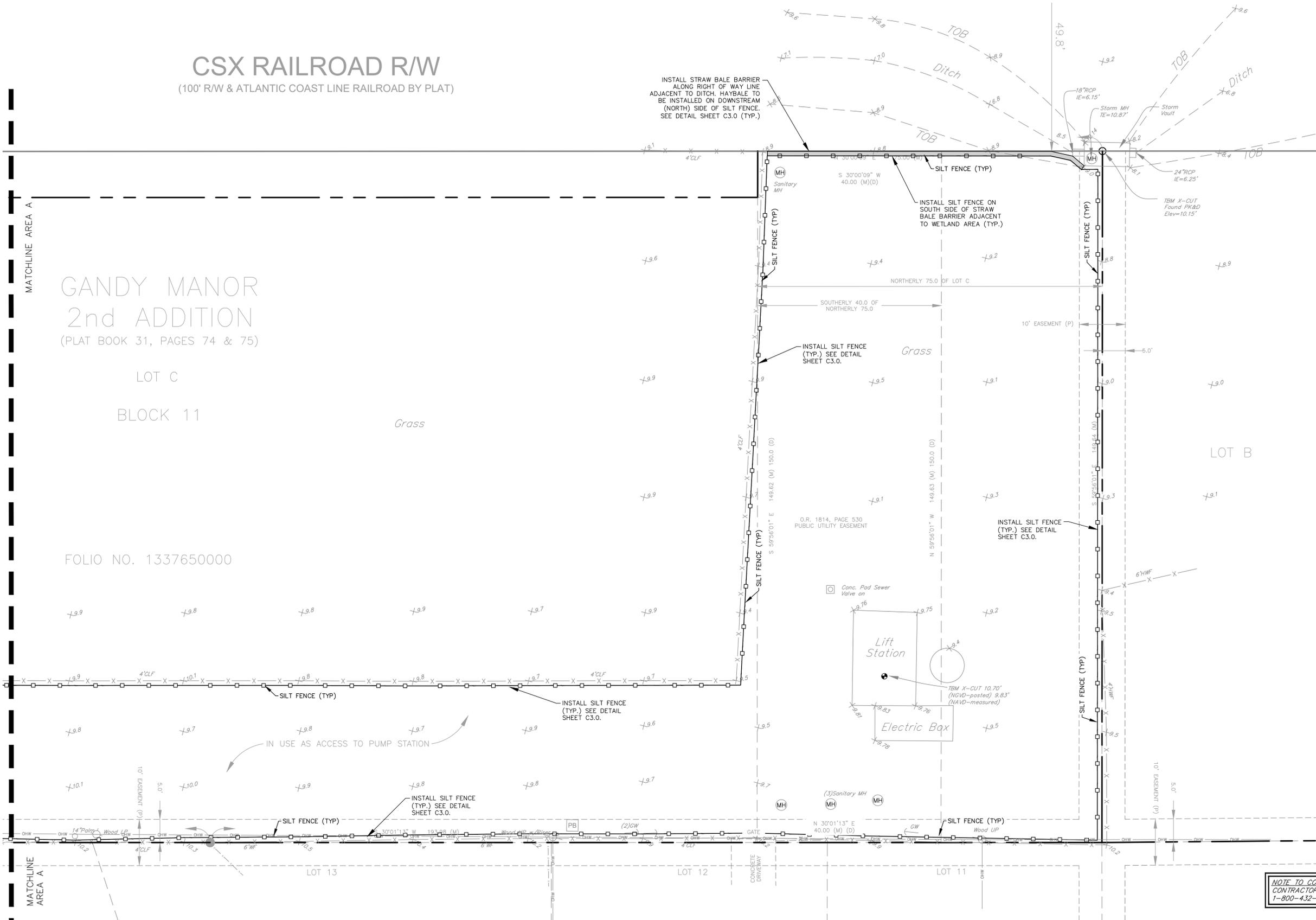
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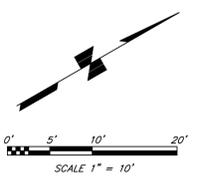
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PROJECT
LOIS PUMPING STATION DRIVEWAY

AREA B DEMOLITION & EROSION CONTROL PLAN

SHEET
C1.1
JOB NO.
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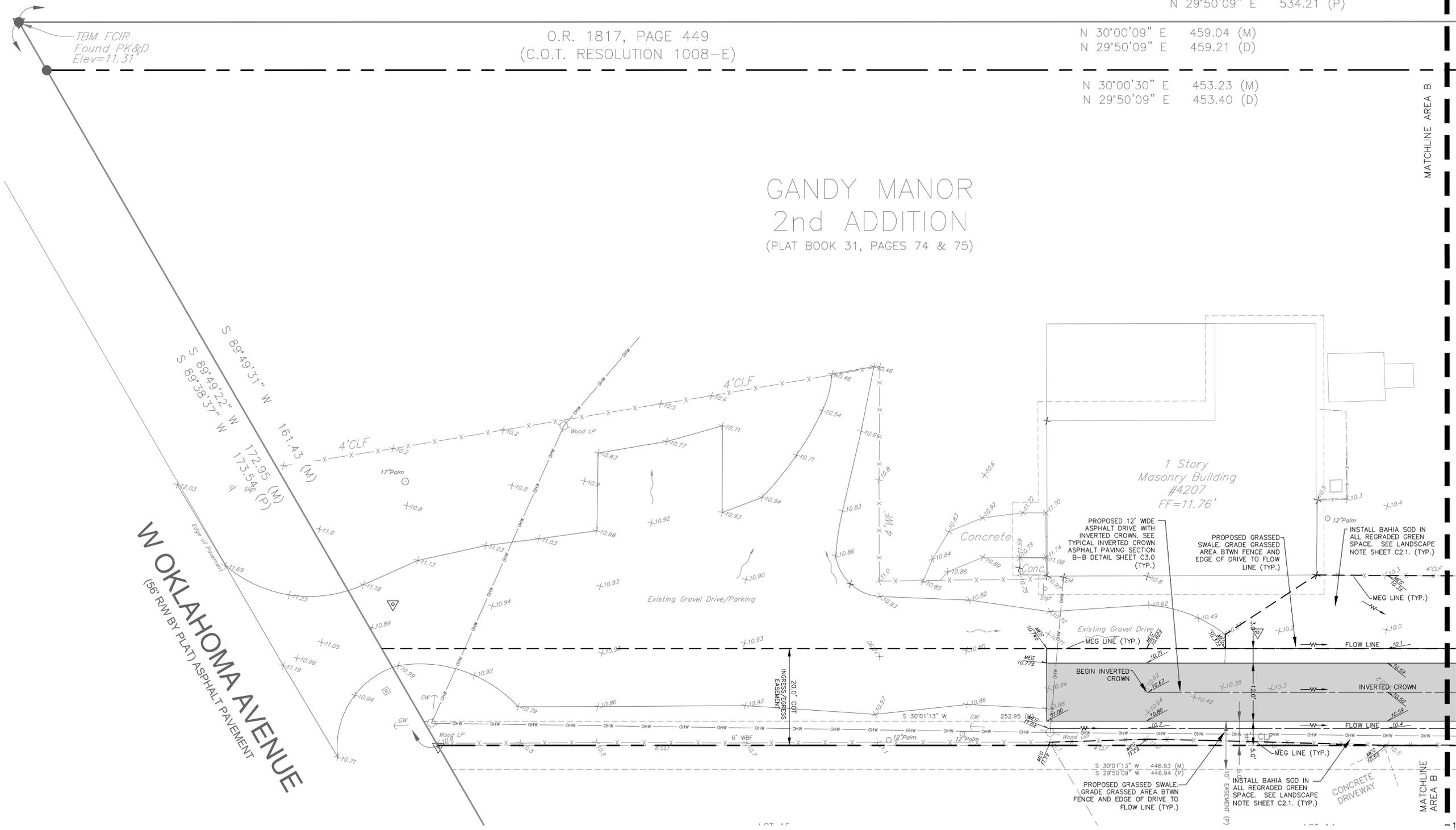
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MEG	Match Existing Grade
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PK&D	Parker Nail & Disk
RC2	Reinforced Concrete Pipe
R/W	Right of Way
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TOB	Top of Bank
OWH	Overhead Wires
UP	Utility Pole
WF	Wood Fence
+ 9.1	Existing Grade
+ 9.1	Proposed Grade
→	Proposed Flow Arrow
■	Proposed Asphalt Paving

GANDY MANOR
2nd ADDITION
 (PLAT BOOK 31, PAGES 74 & 75)



SITE DATA:

OWNER: Gandy Civic Association
 Playground
 ADDRESS: 4207 W. Oklahoma Ave.
 Tampa, FL 33616
 S/T/R: 9/30/18
 ZONING: RS-60
 FLOOD ZONE: X
 PROPERTY USE: Non-Profit Serv
 PROJ. FOLIO #: 133765-0000
 PROPERTY AREA: 1.58 acres
 TOTAL PROJECT AREA: ±0.44 acres

PROJECT DRAINAGE AREA: 0.26 acres
 (11,319 S.F. ±)

EXISTING PROJECT DRAINAGE AREAS:
 IMPERVIOUS: 459 S.F.
 GRAVEL: 324 S.F.
 GREEN SPACE: 10,536 S.F.

PROPOSED PROJECT DRAINAGE AREAS:
 IMPERVIOUS: 6,113 S.F.
 GREEN SPACE: 1,559 S.F.
 POND: 3,647 S.F.

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 STATE OF FLORIDA

PROJECT

LOIS PUMPING
STATION DRIVEWAY

AREA A SITE PLAN

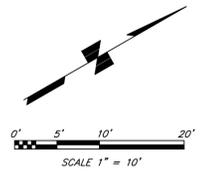
SHEET

C2.0

JOB NO.

15-022

CSX RAILROAD R/W
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→	Proposed Flow Arrow
▭	Proposed Asphalt Paving

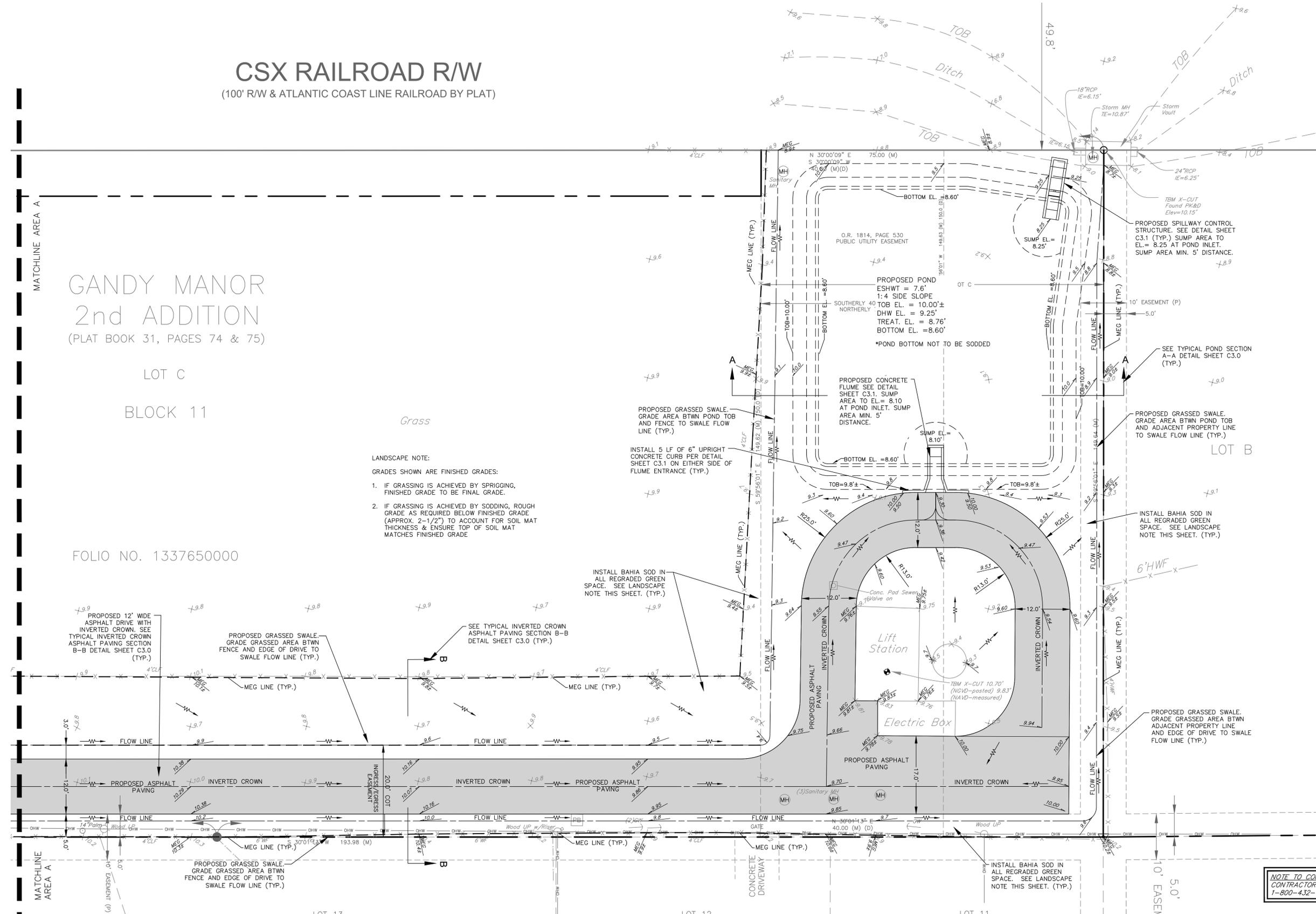
MATCHLINE AREA A

GANDY MANOR
2nd ADDITION
(PLAT BOOK 31, PAGES 74 & 75)

LOT C
BLOCK 11

FOLIO NO. 1337650000

- LANDSCAPE NOTE:**
GRADES SHOWN ARE FINISHED GRADES:
- IF GRASSING IS ACHIEVED BY SPRIGGING, FINISHED GRADE TO BE FINAL GRADE.
 - IF GRASSING IS ACHIEVED BY SODDING, ROUGH GRADE AS REQUIRED BELOW FINISHED GRADE (APPROX. 2-1/2") TO ACCOUNT FOR SOIL MAT THICKNESS & ENSURE TOP OF SOIL MAT MATCHES FINISHED GRADE



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PROJECT
LOIS PUMPING STATION DRIVEWAY
AREA B SITE PLAN

SHEET
C2.1
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15-022

LAWRENCE E. MILLS
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E.B. NO. 3860 - L.B. NO. 3868
STATE OF FLORIDA

GENERAL NOTES:

- All work shall comply with the regulations, requirements and ordinances of the various governing agencies having jurisdiction over said work, including, but not limited to, Hillsborough County, City of Tampa, F.D.E.P., S.W.F.W.M.D., and F.D.O.T.
- Location, dimension, elevation and identification of existing utilities, structures and other topographic features are approximate only, according to the best information available at the time of preparation of these plans. There may be additional existing details on-site and off-site, the presence of which is not known or detected at this time. Engineer/Surveyor shall not be held responsible for undetected underground utilities. Prior to construction, it is the contractor's responsibility to verify the location, dimension, elevation and identification of all utilities, structures and topographic features (i.e. buildings, sidewalks, canopy supports, fences, pavement, underground utilities, utility poles/guy wires, manholes, inlets, a/c units, trees, landscaping, etc.). If any of the existing or proposed conditions either: a) conflict with the proposed improvements, or b) are not shown or shown incorrectly on the plans, it is the contractor's responsibility to contact the Engineer prior to the commencing any work activities.
- The construction testing/inspection shall be the contractor's responsibility to schedule and complete any and all tests as required with all site civil improvements constructed on and off site. It shall also be the contractor's responsibility to pre-test these improvements prior to giving the Engineer-of-Record any governing agency field representative 48 hours advance notice of any formal tests.
- Engineer/Surveyor shall not be held responsible for undetected underground utilities and/or soil conditions. Site preparation to be in accordance with a geotechnical engineers recommendations and as a minimum standard must conform with the following: a) Unsuitable material to be removed; b) Fill material to be clean with no organics, muck, clay, etc.; c) Fill to be placed 12" lifts or less and compacted to 98% modified proctor.
- All elevations refer to NAVD '88
- The Contractor shall notify the appropriate public agency(ies) and utility companies prior to commencing work within their jurisdiction(s).
- All pipe lengths are plus or minus and are measured from center of fittings and/or structures.
- The Contractor shall maintain copies of all applicable permits on-site and shall be responsible to adhere to all permit conditions during construction.
- Florida Statute 553.851 (1979) requires a minimum of 2 days and maximum of 5 days notice before excavation. Call SUNSHINE STATE ONE-CALL OF FLORIDA at 1-800-432-4770.
- The Contractor shall use appropriate measures to prevent erosion and transport of sediment to surface drains. The Contractor shall use hay bales and/or silt barriers to mitigate adverse impacts to existing surface water quality.
- The Contractor shall check plans for conflicts and discrepancies prior to construction. The Contractor shall notify the owner's Engineer of any conflict before performing any work in the affected area.
- Reinforced concrete pipe (RCP) shall be a minimum of Class III pipe as designated in ASTM C-76.
- Any relocation or modification of proposed storm sewer system shall not be made without the approval of the Engineer-of-Record.
- Drainage shall be maintained during construction.
- All mitered end sections (M.E.S.) shall be per F.D.O.T. Index #272 unless otherwise noted.
- Storm drain inlets and manholes shall be traffic bearing suitable for H-20 Loading.
- The Contractor is responsible for repairing any damage to existing facilities, above or below ground, that may occur as a result of the work performed by the Contractor called for in this contract.
- All underground utilities must be in place and tested or inspected prior to base and surface construction.
- All inspections and documents referred to shall be of latest revision.
- The Contractor shall submit for approval to the Owner's Engineer shop drawings on all precast and manufactured items. Failure to obtain approval before installation may result in removal and replacement at Contractor's expense.
- At least 3 working days prior to construction, the Contractor shall notify the Engineer and appropriate Agencies and supply them with all required shop drawings, the Contractor's name, starting date, projected schedule and other information as required. Any work performed prior to notifying the Engineer or without an Agency Inspector present may be subject to removal and replacement at the Contractor's expense.
- Mills & Associates, Inc. makes no representations or guarantees pertaining to easements, rights of way, set back lines, reservations, agreements and other similar matters.
- All mechanical equipment shall be screened.
- SAFETY:**
 - During the construction and/or maintenance of this project, all safety regulations are to be enforced. The Contractor or his representative shall be responsible for the control and safety of the traveling public and the safety of his personnel.
 - Labor safety regulations shall conform to the provisions set forth by OSHA in the Federal Register of the Department of Transportation.
 - The minimum standards as set forth in the current edition of "The State of Florida, Manual on Traffic Control and Safe Practices for Street and Highway Construction, Maintenance and Utility Operations" shall be followed in the design application, installation, maintenance and removal of all traffic control devices, warning devices and barriers necessary to protect the public and workmen from hazards within the project limits.
 - All traffic control markings and devices shall conform to the provisions set forth in the manual on uniform traffic control devices prepared by the U.S. Department of Transportation Federal Highway Administration.

it shall be the sole responsibility of the Contractor to comply and enforce all applicable safety regulations. The above information has been provided for the Contractor's information only and does not imply the Owner or Engineer will inspect and/or enforce safety regulations.

**City of Tampa
Standard Site Plan Notes**

TRANSPORTATION

- All abandoned driveways shall be removed and curbs restored to City of Tampa standards and specifications.
- All broken sidewalks shall be restored to City of Tampa standards and specifications; concrete 3,000 P.S.I., 5 feet wide, 4 inches thick, 6 by 6 welded wire mesh, within the right-of-way, 6 inches thick, no mesh in driveway.
- All disturbed areas within the rights-of-way shall be restored to City of Tampa standards and specifications.
- Curbs ramps shall be provided where the public sidewalk meets all driveways per FDOT index #304 & #310 standards and specifications.
- All signage and striping to comply with the Manual for Uniform Traffic Control Devices (M.U.T.C.D.)

PROTECTIVE BARRICADES

- Erosion/Sedimentation Control:**
Contractor is to provide erosion control/sedimentation barrier (hay bales or siltation curtain) to prevent siltation of adjacent property, streets, storm sewers and waterways. In addition, Contractor shall place straw, mulch or other suitable material on ground in areas where construction related traffic is to enter and exit site. If, in the opinion of the Engineer and/or local authorities, excessive quantities of earth are transported off-site either by natural drainage or by vehicular traffic, the Contractor is to remove and clean said earth to the satisfaction of the Engineer and/or authorities.
- Right-of-way permit required prior to initiating construction within City right-of-way. Contact Transportation Division at 274-8333.

SOLID WASTE

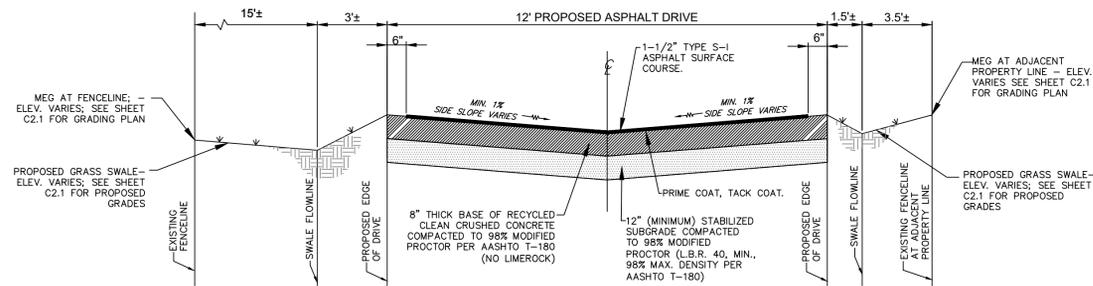
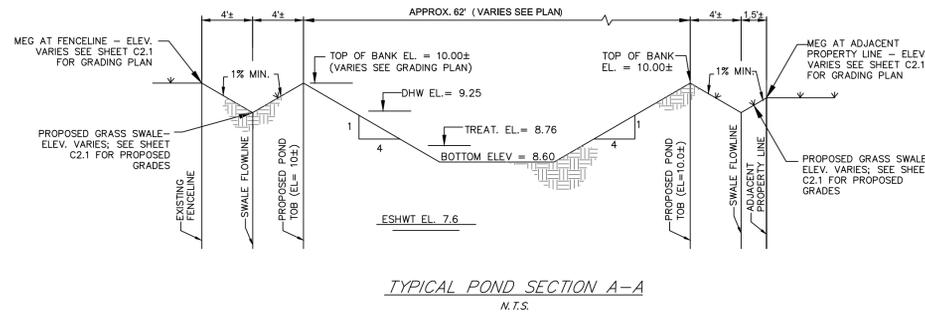
- The screening enclosure(s) holding room properly sized and placed for accessibility.
- All buffer and vertical clearance compliances provided.
- The enclosure exterior and opening door(s) height, width, and materials used constructed per city code
- The concrete slab/dock/platform (if applicable) constructed per city code

FIRE DISTRICT RESTRICTIONS:

The building must comply with the requirements outlined in Chapter #3 of the Standard Building Code and meet any other restrictions which may be found in other sections of the Building Code and Fire Prevention Code.

CODE REFERENCE NOTE:

ALL CONSTRUCTION TO COMPLY WITH CURRENTLY ADOPTED CODES. CHAPTER #11 & 13, TAMPA CITY CODE, WHICH INCLUDES: NATIONAL FIRE PROTECTION ASSOCIATION CODES, LATEST ADOPTED EDITION 2010 FLORIDA FIRE PREVENTION CODE, NFPA #101, LIFE SAFETY CODE, LATEST ADOPTED EDITION, CHAPTER #5, TAMPA CITY CODE, WHICH INCLUDES 2010 FLORIDA BUILDING CODE, STANDARD MECHANICAL CODE, LATEST ADOPTED EDITION, NFPA #70, NATIONAL ELECTRICAL CODE, LATEST ADOPTED EDITION, FLORIDA STATUTE #633, WHICH INCLUDES: STATE FIRE MARSHAL'S RULES AND REGULATIONS, TABLE 500 S.B.C. & TABLE 600 S.B.C. AND THE FLORIDA BUILDING CODE.
DEVELOPMENT WILL COMPLY WITH CITY OF TAMPA TREE & LANDSCAPE CODE CHAPTER 13, CHAPTER 22, LIFE SAFETY CODES, FIRE MARSHAL'S REGULATIONS AND ADA REQUIREMENTS.
THIS PROJECT SHALL BE DESIGNED TO MEET EXISTING FEDERAL, STATE AND LOCAL REGULATIONS FOR BUILDINGS, STRUCTURES AND OTHER AMENITIES TO PROVIDE HANDICAP ACCESSIBILITY ON SITE.



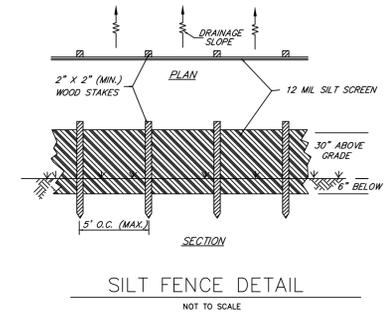
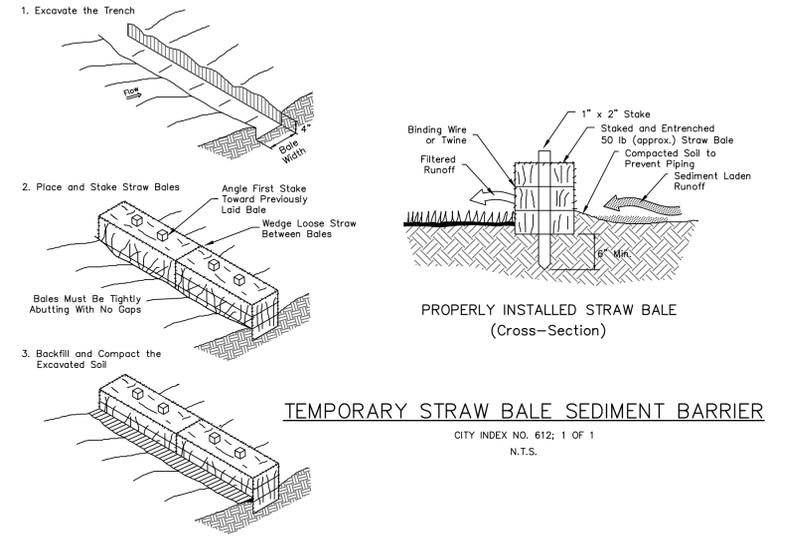
NOTES:

- All paving shall conform to Florida Dept. of Transportation Standard Specifications for Road and Bridge Construction, latest edition and geotechnical engineers report recommendations.
- Existing asphalt paving to be sawcut as necessary for removal and disposal.
- Blend and match new asphalt paving areas to form a smooth transition with existing paving areas.
- Density testing of subgrade and base to be coordinated with Owner.

STABILIZED SUBGRADE:

- The stabilizing shall be FDOT Type B.
- It shall be the contractor's responsibility that the finished roadbed section meets the bearing value requirements, regardless of the quantity of stabilizing materials necessary to be added.
- After the mixing operations have been completed and requirements for Bearing Value, uniformity, and particle size have been satisfied, the stabilized area shall be compacted to 98% Modified Proctor per AASHTO T-180.

TYPICAL INVERTED CROWN ASPHALT PAVING SECTION B-B
N.T.S.



NOTE :
EROSION CONTROL MEASURES TO REMAIN IN PLACE UNTIL COMPLETION OF PROJECT.

Erosion Control Note:

The contractor to set silt screen, hay bales prior to the start of construction. All existing stormwater grate inlets within the project area are to be protected. After new inlets are installed, the contractor shall place erosion control on those also. As an alternate, place filter fabric under the grates. The contractor to inspect all erosion control measures on a daily basis and re-erect as required.

NOTE TO CONTRACTOR:
CONTRACTOR TO CALL SUNSHINE ONE-CALL OF FLORIDA AT 1-800-432-4770 A MINIMUM OF 2 DAYS BEFORE EXCAVATION.

100% SUBMITTAL - 12/20/16

REVISIONS					
BY	DATE	DESCRIPTION	BY	DATE	DESCRIPTION

MILLS and ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
3242 HENDERSON BOULEVARD - SUITE 300
TAMPA, FLORIDA 33609-3056
TELEPHONE: (813) 876-5869

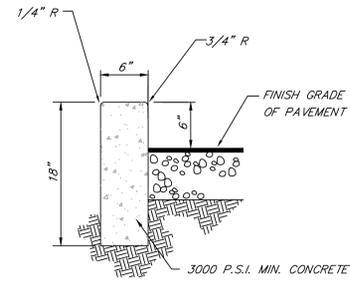
FOR

CITY OF TAMPA
WASTEWATER DEPARTMENT
2545 GUY N VERGER BLVD.
TAMPA, FLORIDA 33605

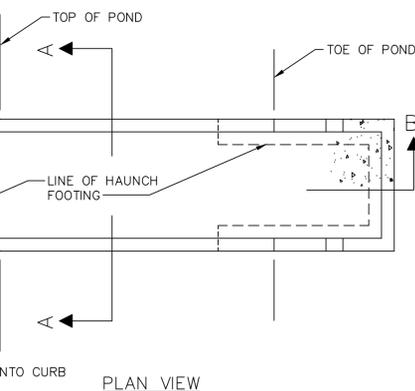
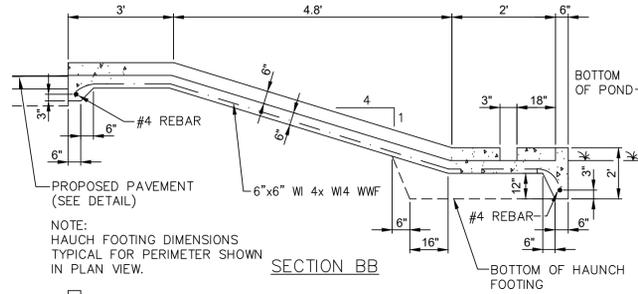
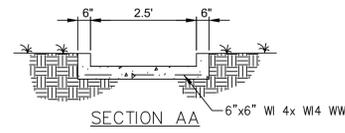
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DESIGN BY: CVM DATE 12-20-16
CHECKED BY: LEM DATE 12-20-16
SCALE: NA

LAWRENCE E. MILLS
P.E. NO. 22324 - P.L.S. NO. 3141
E.B. NO. 3860 - L.B. NO. 3868
STATE OF FLORIDA

PROJECT	LOIS PUMPING STATION DRIVEWAY	SHEET	C3.0
NOTES & DETAILS		JOB NO.	15-022

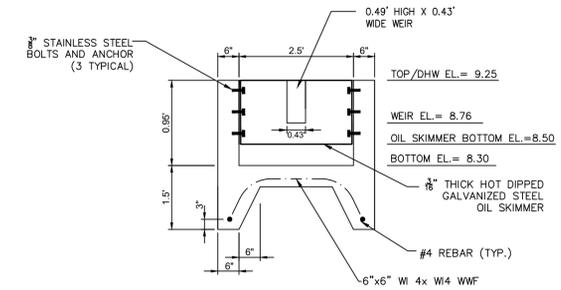


UPRIGHT CURB DETAIL
N.T.S.

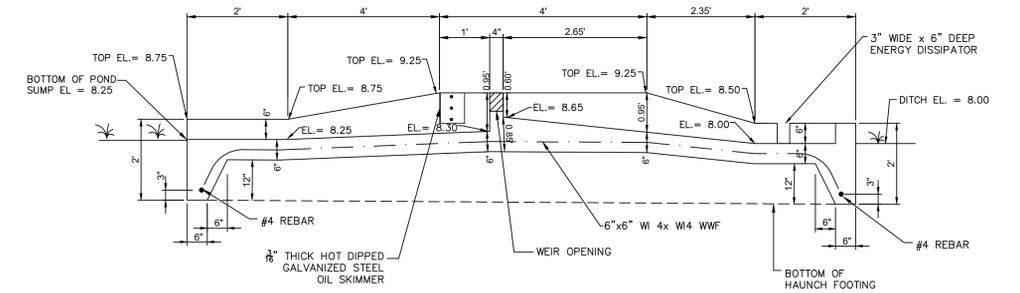


CONCRETE FLUME DETAIL

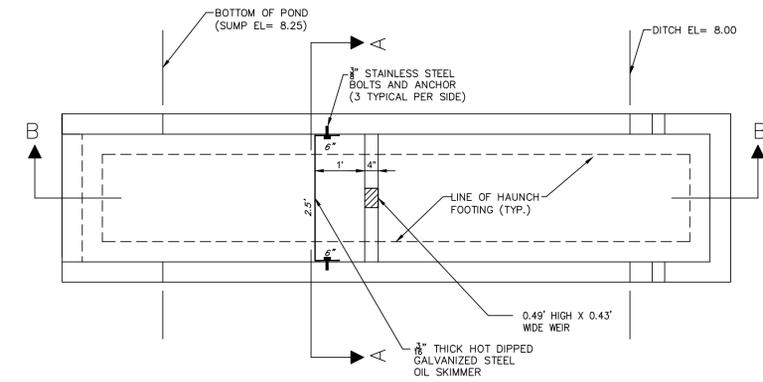
CON-FLUM.DWG 6/09/94 NTS



SECTION AA



SECTION BB



PLAN VIEW

CONCRETE SPILLWAY CONTROL STRUCTURE DETAIL
N.T.S.

NOTE TO CONTRACTOR:
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STATE OF FLORIDA

PROJECT
LOIS PUMPING
STATION DRIVEWAY
NOTES & DETAILS

SHEET
C3.1
JOB NO.
15-022