



500 Water Street, J180
Jacksonville, FL 32202
904.279.3806
Eric_Horton@csx.com

Eric Horton
Real Estate Analyst

September 21, 2020

Agreement No.: CSX057906
Site Location No.: CSX057906038

Beth DiMeo
JEA
21 West Church Street
Jacksonville, FL 32202

Dear Beth DiMeo,

Reference is made to install facilities within CSX Transportation, Inc.'s property by request from JEA

Agreement Date:	May 16, 2007	Location:	Jacksonville, Duval Co., FL Milepost ASK-640.57; ASH-0.48; SPF-1.52 Division Jacksonville Subdivision Jacksonville Terminal
Application Date:	May 8, 2020	Facility:	Subgrade Jack & Bore - Install three separate subgrade crossings of 36in steel casing w/ 20in force mains at a minimum depth of 5.5ft below rail to top of casing.

Subject to the above referenced company scheduling the work as hereafter references, this letter will serve as formal authority to make the installation at the location, in accordance with specifications outlined in your application and subject to the terms of said Agreements. This letter shall constitute a Supplement to said Agreement; please retain it in your file(s) pertaining to the same.

To schedule the work, please visit the CSX Property Portal to complete the Outside Party Number Request Form. Pursuant to terms of the Agreement, the protection services fees will be invoiced upon completion of installation of the facilities.

Should there be any questions, please feel free to give us a call at the above referenced number.

Sincerely,

Eric Horton

CSX Transportation (CSX) General Notes (Bore and Jack):

- 1) CSX owns its right-of-way for the primary purpose of operating a railroad, and shall maintain unrestricted use of its property for current and future operations. In the event that relocation of facilities becomes necessary to accommodate the movement of rail traffic, Licensee, at its sole risk and expense, shall be required to relocate and/or remove facilities from the rail corridor of Licensor within a time frame mutually agreed.
- 2) CSX's consent applies to the design and construction of the utility located solely in the right-of-way owned by CSX and assures that CSX and AREMA Standard Specifications are met for tracks owned by others over which CSX operates. It is the utility Owner's (Applicant) responsibility to get permission from the property owner that is other than CSX to access and construct on their property.
- 3) Refer to the CSX's "Design & Construction Standard Specifications Pipeline Occupancies" revised June 5, 2018 (4.1.2 Bore and Jack (Steel Pipe) and "Design & Construction Standard Specifications Wireline Occupancies" revised December 16, 2016.
- 4) CSX's signal facilities and/or warning devices at proposed facility crossing, i.e. cantilevers, flashers, and gates are to be located prior to installation.
- 5) No entry or construction on CSX's railroad corridor is permitted until the utility encroachment review and approval process is completed, you are in receipt of a fully executed License agreement and you have obtained authority from the local Road Master.
- 6) Front of the pipe shall be provided with mechanical arrangements or devices that will positively prevent the auger from leading the pipe so that no unsupported excavation is ahead of the pipe.
- 7) Operation shall be progressed on a 24-hour basis without stoppage (except for adding lengths of pipe) until the leading edge of the pipe has reached the receiving pit.
- 8) In the event an obstruction is encountered, auger and cutting head arrangement shall be removable from within the pipe.
- 9) If bottom of the pit excavation(s) intersect the TREL, interlocking steel sheet piling, driven prior to excavation, must be used. Design plans and computations, sealed by a Licensed Professional Engineer, for steel sheet piles must be provided prior to construction for review and approval.
- 10) At locations where open cut is permitted on CSX's right-of-way and/or railroad corridor, contractor must comply with CSX's D&C Standard Specifications section 4.1.7 Open Cut. Please reference this guidance for instructions on restoring site.
- 11) Soil that cannot be used or disposed on CSX's right-of-way must be properly disposed at a CSX approved disposal facility.
- 12) Manholes shall not be located on CSX's property where possible. At locations where this is not practical, including longitudinal occupancies, manholes shall be precast concrete sections conforming to ASTM Designation C 478, "Specification for Precast Concrete."
- 13) Pipeline encroachment shall be prominently marked at both sides of the CSX's property lines by durable, weatherproof signs located over the centerline of the pipe in accordance with CSX's D&C Standard Specifications.
- 14) If required, a dewatering plan in accordance with CSX's D&C Standard Specifications will be submitted to the CSX representative for review and approval prior to any dewatering operations.
- 15) Blasting is not permitted on CSX's property.
- 16) Abandoned pipelines shall be removed or completely filled with cement grout, compacted sand, or other methods, as approved by CSX. Abandoned manholes and other structures shall be removed to a minimum depth of 2 feet below finished grade and completely filled with cement grout, compacted sand, or other methods as approved by CSX.
- 17) CSX does not grant or convey an easement for this installation.
- 18) The use of construction safety fencing is required when a CSX Flagman is not present. Distance of fencing from nearest rail to be determined by the CSX Roadmaster and shall be removed upon completion of the project.

CONSTRUCTION DRAWINGS FOR 5TH STREET WEST - 20" FORCE MAIN EXTENSION PREPARED FOR:

CITY OF JACKSONVILLE NOTES

GENERAL

All construction shall be performed in accordance with the approved plans and comply with all standard city policies and practices. City approval is contingent upon any required state or federal permit approvals such as those from the Department of Environmental Protection or the St. Johns River Water Management District (SJRWMD).

UTILITY WORK

Plan approval through Development Services does not include utilities. Proposed water, sewer or electric construction must be approved separately through the respective utility company. In most cases, this will be:

JEA
2000 West 4th Street
2000 West 4th Street
Jacksonville, FL 32202
(904) 255-1000
http://www.jea.com/development-services/development-services/development-services/

WORK WITHIN THE RIGHT-OF-WAY

CITY: Except for new subdivision infrastructure construction, all work performed within a City of Jacksonville right-of-way or easement requires a Right-of-Way Permit. The contractor performing the proposed work must have a current Right-of-Way Bond on file with Development Services. Right-of-Way Permit applications are processed at:

Development Services Customer Service Center
Edward S. B. King, 3rd Floor
2000 West 4th Street
Jacksonville, FL 32202
(904) 255-1000
http://www.jea.com/development-services/development-services/development-services/

STATE: All work performed within a state right-of-way requires a permit from the Florida Department of Transportation (FDOT). It is the developer's responsibility to obtain required FDOT permits or maintenance-of-traffic approvals for work within FDOT right-of-ways. The FDOT regional office can be contacted at (904) 825-5036. Any changes to the approved plans needed for FDOT approval must be submitted to Development Services as revisions.

Adjacent State Roads: _____

RAILROAD: Railroad companies may require special approvals or permits to work within their right-of-ways. It is the developer's responsibility to obtain permission from any railroad right-of-way owner before performing any work within their right-of-way.

STORMWATER

Annual reports in compliance with the SJRWMD stormwater permits are required from the maintenance entity of all stormwater management facilities. Send copies of the reports to:

Engineering and Construction Management
Edward S. B. King, 3rd Floor
2000 West 4th Street
Jacksonville, FL 32202
http://www.jea.com/development-services/development-services/development-services/

The owner of any project one (1) acre or larger is required to provide a Notice of Intent (NOI) in accordance with criteria set forth in the city's NPDES permit within 48 hours of beginning construction. Send NOI and NOI fee to:

Florida Department of Environmental Protection
NPDES Stormwater Permit Section, Mail Room 4200
2000 Lake Street
Jacksonville, FL 32202
(904) 255-1000
http://www.dep.state.fl.us/development-services/development-services/development-services/

The contractor shall contact the Environmental Quality Division, Erosion and Sedimentation Control Section (ESC) to provide verification that applicable stormwater permits have been obtained and to schedule a pre-construction ESC site inspection:

Environmental Quality Division
400 North Second Street, 3rd Floor
Jacksonville, FL 32202
(904) 255-1000

FIRE MARSHALL

Plan review and approval does not relieve the contractor of complying with all applicable State Fire Codes.

Underground mains and hydrants shall be installed, completed, and in service prior to construction work.

Underground contractor shall submit to the Fire Marshall for approval complete specs for all underground pipe and fittings relating to fire protection PRIOR to installation and inspection. Contractor shall include manufacturer's name and pipe ID along with contractor's state license number.

LANDSCAPE

A Site Work Permit is required for this project.

☐ Tree Fund payment is due: _____ inches at \$ _____ = \$ _____

☐ Article 25 funds are due: _____ inches at \$ _____ = \$ _____

TRAFFIC ENGINEERING

TRAFFIC SIGNS

Metro Name (each) _____

Standard (each) _____

Stop/Yield (each) _____

Design (per plat) _____ 1 per plat

Installation (per hour) 1 per 2 signs (rounded up)

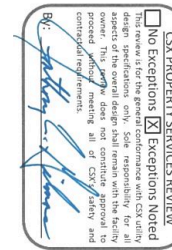
_____ Streetlights Required

NOTE: Traffic sign costs change from time to time. Consult Attachment 8 of the Land Development Procedures Manual (<http://fdpm.jaxdev.com/>) for the current rates before paying for any sign installations.

No lane closures allowed from 7 a.m. to 9 a.m. and from 4 p.m. to 7 p.m.



JEA PROJECT NO.: 8004781
MM PROJECT NO.: 502402368
90% SUBMITTAL
MAY 2020



PLAN APPROVAL

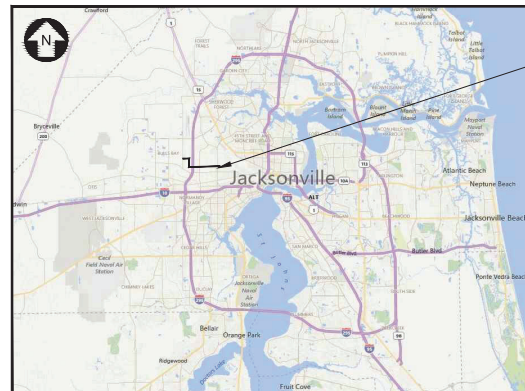
Date _____	Development Services Division (Chief) _____
Date _____	Review Group (Reviewer) _____

Plan approval is valid for five years after the initial approval date. Revisions made after the initial approval date do not extend this five-year time frame.

PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:

GENERAL PROJECT INFORMATION

GENERAL	
City Development Number	4161.285
Concurrency Application Number	N/A
Property Appraiser Number (RE #)	-
Zoning Designation	-
Zoning Application(s) (if any)	N/A
PUD Ordinance Number	-
FIRM - Community - Panel	-
Flood Zones (Show in Plans)	-
Base Flood Elev. (Show in Plans)	-
Vertical Datum Used for Project	NAVD 1988
JEA Availability Number	-
SUBDIVISION	
PSD Number	N/A
City or Private Inspection	N/A
Public or Private Roads	N/A
Subdivision ("911") Disk Provided?	N/A
NON-SUBDIVISION	
North American Industry Classification System (NAICS)	23711
Impervious Area (Sq. Ft.)	-



PROJECT LOCATION

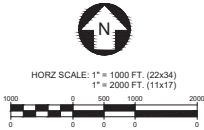
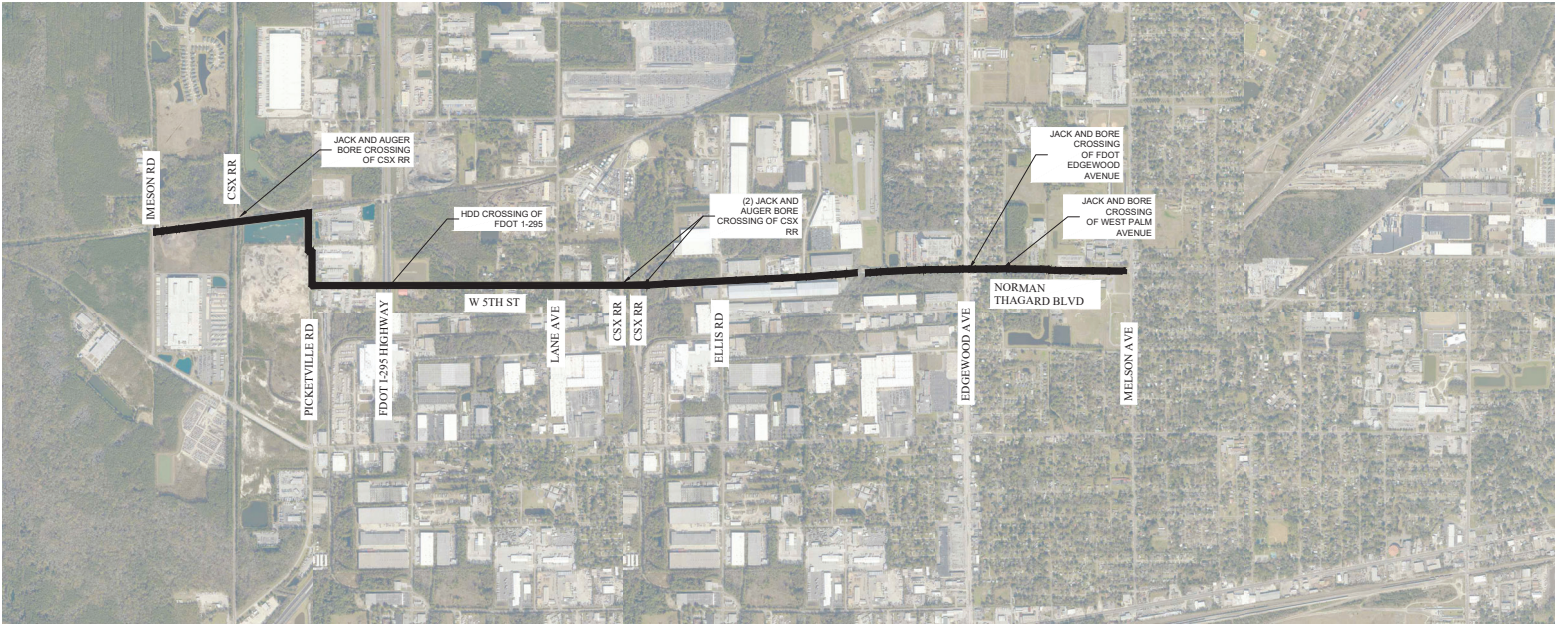
LOCATION MAP
SCALE: NTS

M
MOTT
MACDONALD
Mott MacDonald Florida, LLC

Architects Engineers Surveyors
AA - C0000035 EB - 0000155 LB - 0006783
10245 Centurion Pkwy. N., Suite 320
Jacksonville, Florida 32256
Telephone: (904) 203-1090

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Xrefs Attached= JEA_SHT22-34_B06 [C:\pwworking\jmm\water_wastewater\mottmac_060803\060803\JEA_SHT22-34_B06.dwg]
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x=survey [C:\pwworking\jmm\water_wastewater\mottmac_060803\060803\JEA_SHT22-34_B06.dwg]



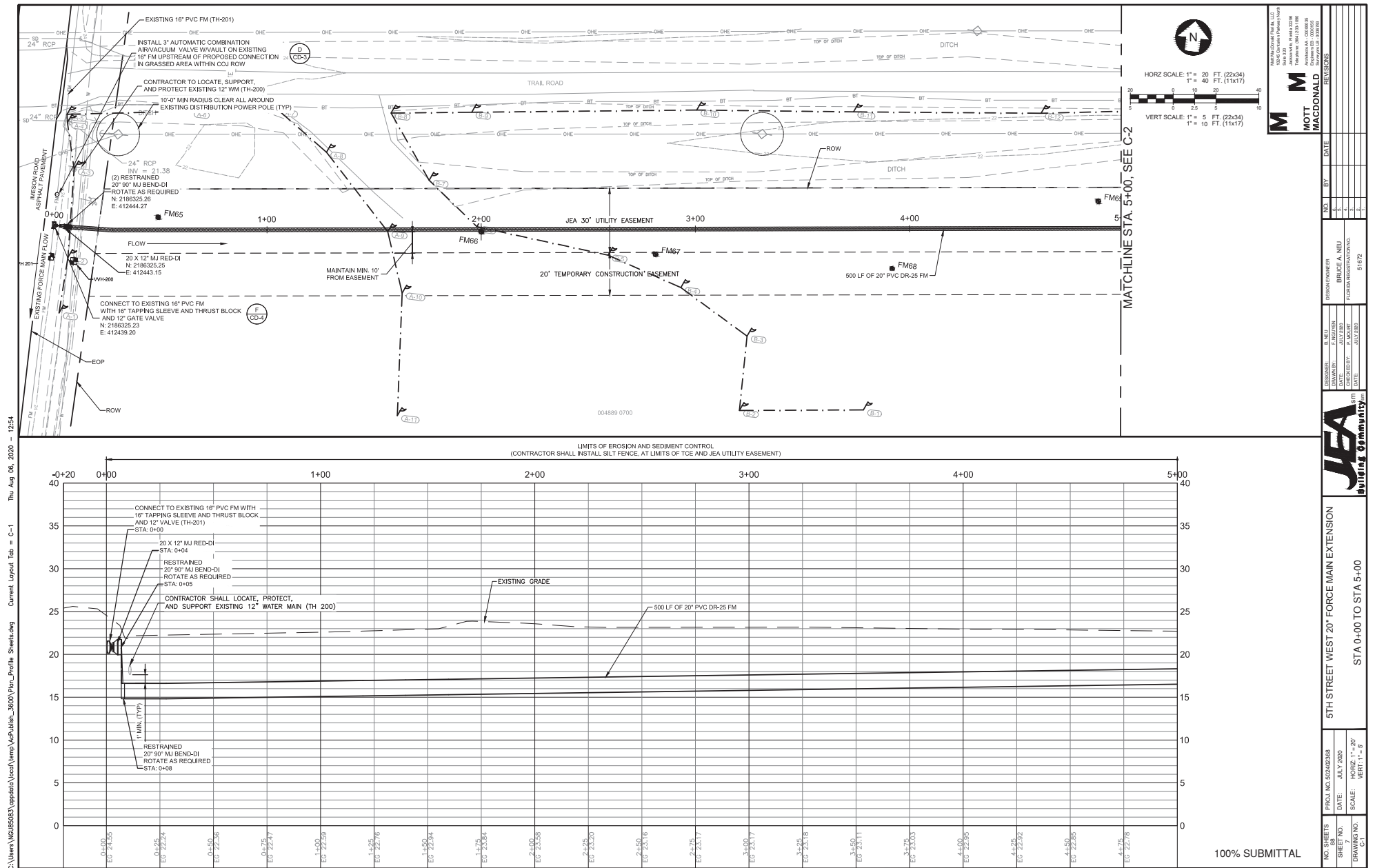
100% SUBMITTAL

PROJECT SCOPE AND LAYOUT		5TH STREET WEST 20" FORCE MAIN EXTENSION		PROJ. NO. 502402848		NO. SHEETS	
DRAWING NO. 02.7		DATE: JULY 2020		SHEET NO. 7		SHEET NO. 7	
SCALE: NTS		DATE: JULY 2020		SCALE: NTS		SCALE: NTS	
DESIGNED BY: B. NEU		CHECKED BY: P. MOORE		DESIGNED BY: B. NEU		CHECKED BY: P. MOORE	
DATE: DECEMBER 2018		DATE: DECEMBER 2018		DATE: DECEMBER 2018		DATE: DECEMBER 2018	
FLORIDA REGISTRATION NO. 51672		FLORIDA REGISTRATION NO. 51672		FLORIDA REGISTRATION NO. 51672		FLORIDA REGISTRATION NO. 51672	
BRUCE A. NEU		BRUCE A. NEU		BRUCE A. NEU		BRUCE A. NEU	
NO.		BY		NO.		BY	
DATE		DATE		DATE		DATE	
REVISIONS		REVISIONS		REVISIONS		REVISIONS	
MOTT MACDONALD		MOTT MACDONALD		MOTT MACDONALD		MOTT MACDONALD	
MOTT MACDONALD ENGINEERS, LLC		MOTT MACDONALD ENGINEERS, LLC		MOTT MACDONALD ENGINEERS, LLC		MOTT MACDONALD ENGINEERS, LLC	
100% SUBMITTAL		100% SUBMITTAL		100% SUBMITTAL		100% SUBMITTAL	

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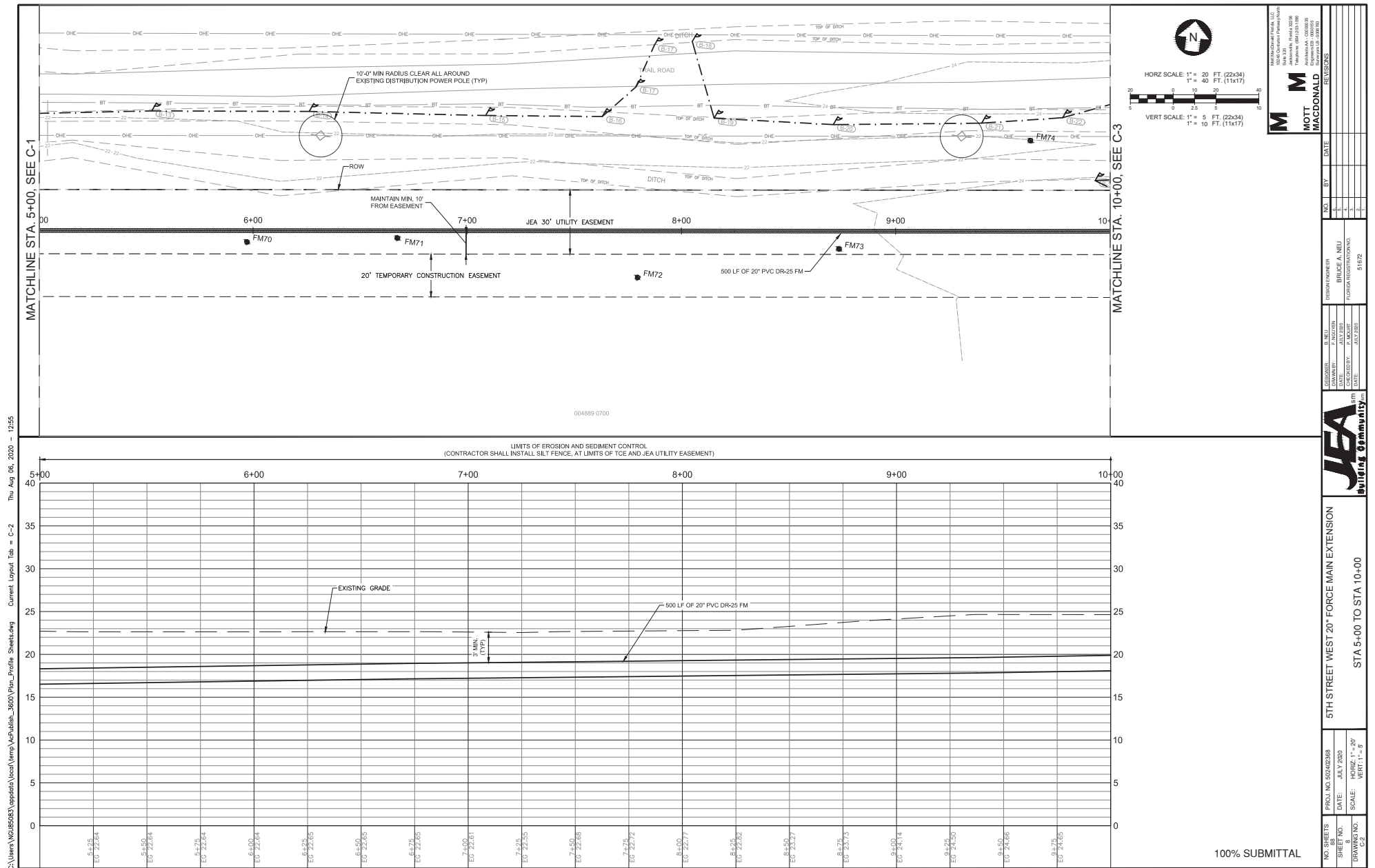






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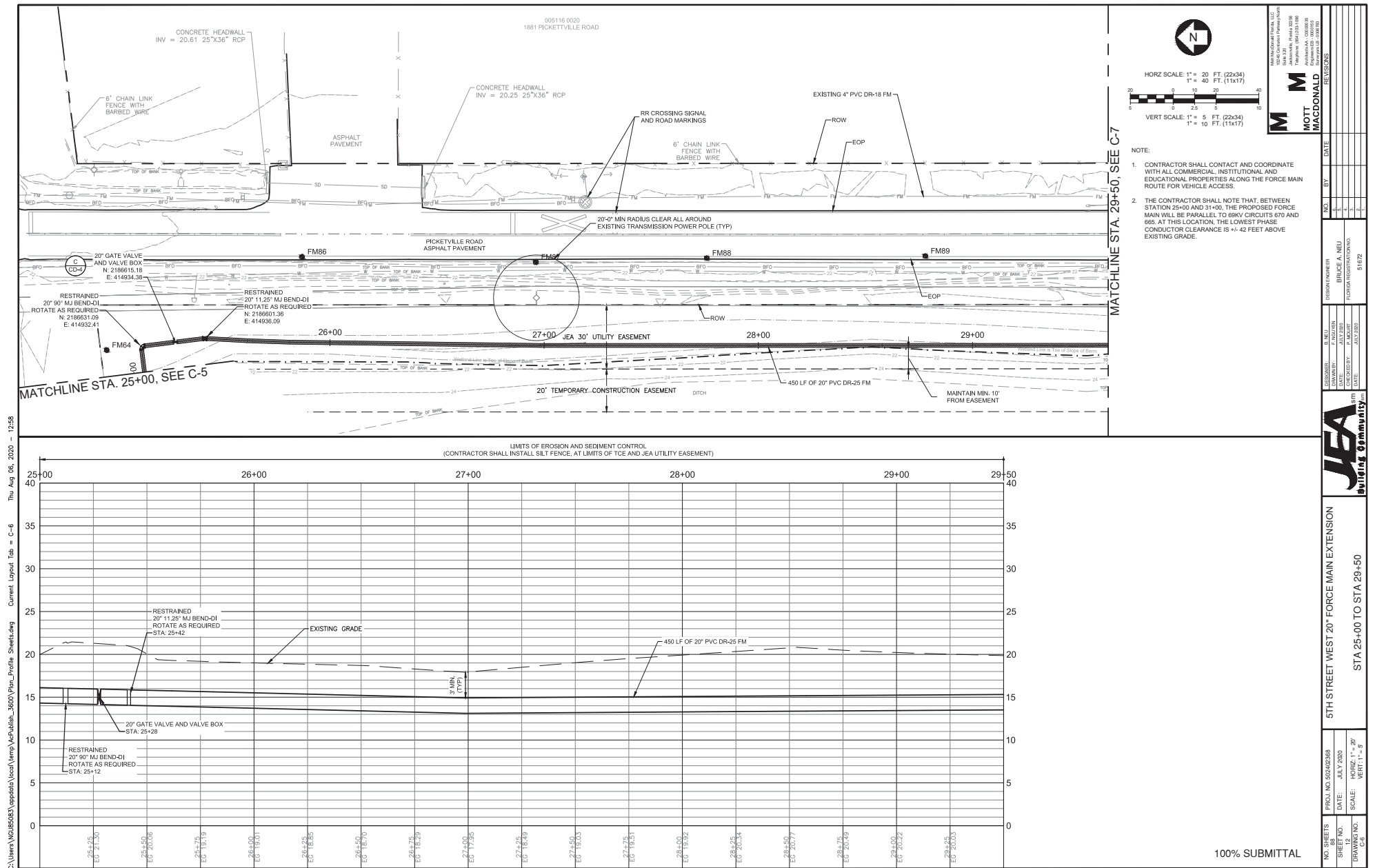
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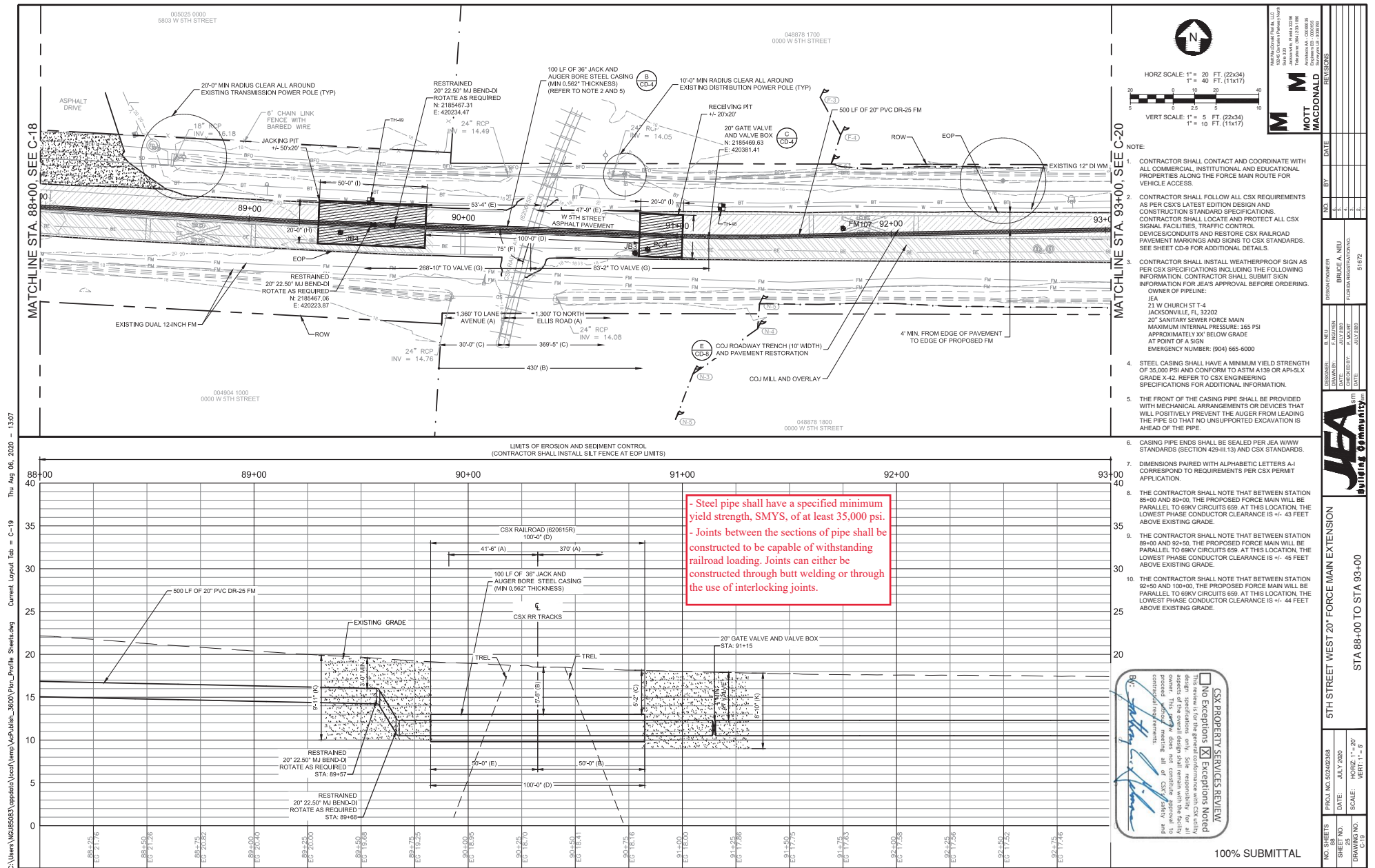












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