

SANITARY SEWER LINE TO SERVE WATERWALK PLACE

515 S. MAIN STREET

PRIVATE PROJECT NUMBER: 1781 PPS (607861)

CITY OF WICHITA

JAMES ARMOUR, P.E. CITY ENGINEER

OCTOBER 2007

GENERAL NOTES

- All elevations shown are U.S.G.S. datum. (U.S.G.S. - 1187.4 = City of Wichita datum)
- Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to starting any excavation as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
Cox Communications 262-0681
Kansas Gas Service 832-3169
Westar Energy 383-8600
Aquila Network (800)-527-0357
SBC (800)-870-8390
City of Wichita Water Department 262-6000
City of Wichita Sewer Department 262-6000
- All sewer mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications.
- The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.
- The Contractor will be required to contact Kansas One Call at 687-2470 to request the local utility companies to mark any existing lines within the project limits a minimum of forty-eight (48) hours prior to any excavation or working.
- Existing utilities and their locations, as shown on the plan, represent the best information obtainable for design. The Contractor shall be aware that construction will occur in close proximity to existing utilities, and any conflicts with such utilities shall be reported to the Engineer.
- All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed. Each bidder shall also be aware that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.
- The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.
- Rock bedding
If ground water is found in the sewer trench, the Contractor shall be required to add a rock bedding layer as per the City of Wichita sanitary sewer installation specifications. The cost for the bedding layer shall be considered subsidiary to the pipe installation and not be bid or paid for separately.
- Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may include but are not limited to: hay bales, silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction. See Erosion Control Details.
- The Contractor shall restore all ditches, swales, and banks to their original slopes and grades. Where existing entrance pipes, drainage pipes, fences, signs, etc. conflict with the proposed work herein, they shall be removed and reset unless otherwise indicated on the plans. Replacement of such items including seeding, fertilizer, and mulching shall be incidental to the L.S. Bid Item "Site Restoration".
- The Contractor shall reseed all areas disturbed by construction with a mixture of Rye grass (applied at a rate of 200 lbs. per acre) and Fescue grass (applied at a rate of 100 lbs. per acre). Pure Nitrogen fertilizer shall also be applied at a rate of 1.5 lbs. per thousand square feet. The seed shall be watered with deep soaking every two (2) weeks during dry periods until a mature stand of grass is obtained. Temporary Seeding may be omitted if planted crops across agricultural land takes precedence over seeding measures. All costs for this work shall be incidental to "Site Restoration".
- Trees and shrubs in the public right-of-way which are in direct conflict with the proposed construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with the proposed construction shall be saved and protected from damage. Tree Removal shall be incidental to "Site Clearing and Preparation".
- The Contractor shall comply with all applicable safety regulations and City of Wichita Specifications and Standards.
- Traffic Control
The Contractor shall erect warning signs, flashing lights, and barricades in compliance with the Manual on Uniform Traffic Control Devices to ensure safety as directed in the general conditions. The length of trenches that will be allowed to remain open overnight and weekends shall be left to the discretion of the Engineer. Traffic Control shall not be paid for directly, but shall be considered incidental to other items in the Project.

As Built Plans:
CONTRACTOR: Mies
INSPECTOR: Larry Gann, K E Miller Engineering
.PDF by: NWS, 11-29-07

INDEX OF SHEETS

NO.	DESCRIPTION
C500	COVER SHEET
C501	PLAN & PROFILE
C502	STANDARD DETAILS TYPE P MANHOLE

Released 12/7/07
.pdf by JDL 12/7/07

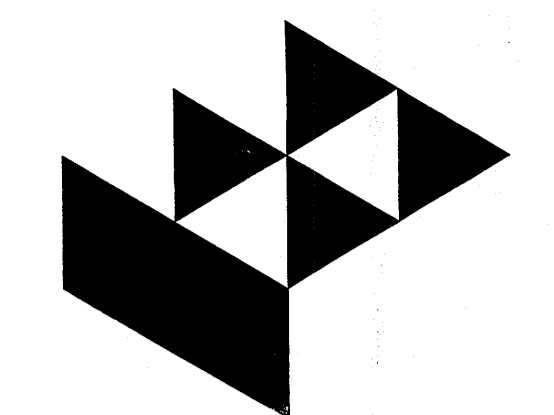
LEGEND	
EXISTING SAN. SEWER MAIN	SS
PROPOSED SAN. SEWER MAIN	SS
EXISTING STORM SEWER	ST
EXISTING WATER	W
EXISTING SAN. SEWER M.H.	⊙
PROPOSED SAN. SEWER M.H.	⊙
PROPOSED CLEANOUT/RISER ASSEMBLY	○
PROPOSED RUNNING TRAP	

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA,
BY WICHITA WATER & SEWER DEPARTMENT,
& BY WICHITA FIRE DEPARTMENT
Public Works: VRH 11/20/07
Water & Sewer:
Fire:

NOTE TO CONTRACTORS
Public Property
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way by the Contractor until such inspection is arranged for and required bonds have been submitted and approved by the City nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

Private Property
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the Project Inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.

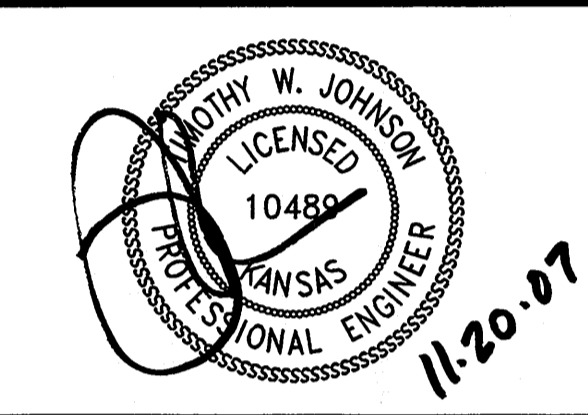
Improvements performed under this project may not be accepted by the City of Wichita until all applicable documentation has been submitted to the City Engineer. This may include: record drawings, inspection logs, test documentation, tv tapes, and a certificate of completion. The above shall be performed by the Consulting Firm contracted to inspect this project.



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JOHNSON
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100 E. California Ave. - Third Floor
Oklahoma City, OK 73104
(405) 235-8075 FAX (405) 235-8078
Certificate of Authorization #E-1128 EXP. DATE: 12-31-2008



WATERWALK PLACE
515 S. MAIN STREET

Mark	Date	Description

KEY MAP & GENERAL NOTES

Job No.	C500
Date	11-16-07
Drawn	B.C.
Checked	P.B.
Dwg.	1 of 2

ADD FILE: H:\21215\21215_Plan_3_21215008.dwg 11/19/2007 2:44 PM P:\B...
PLOT: 11/20/07 11:20:07 AM

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA,
 BY WICHITA WATER & SEWER DEPARTMENT,
 & BY WICHITA FIRE DEPARTMENT

Public Works *VRH 11/20/07*
 Water & Sewer
 Fire

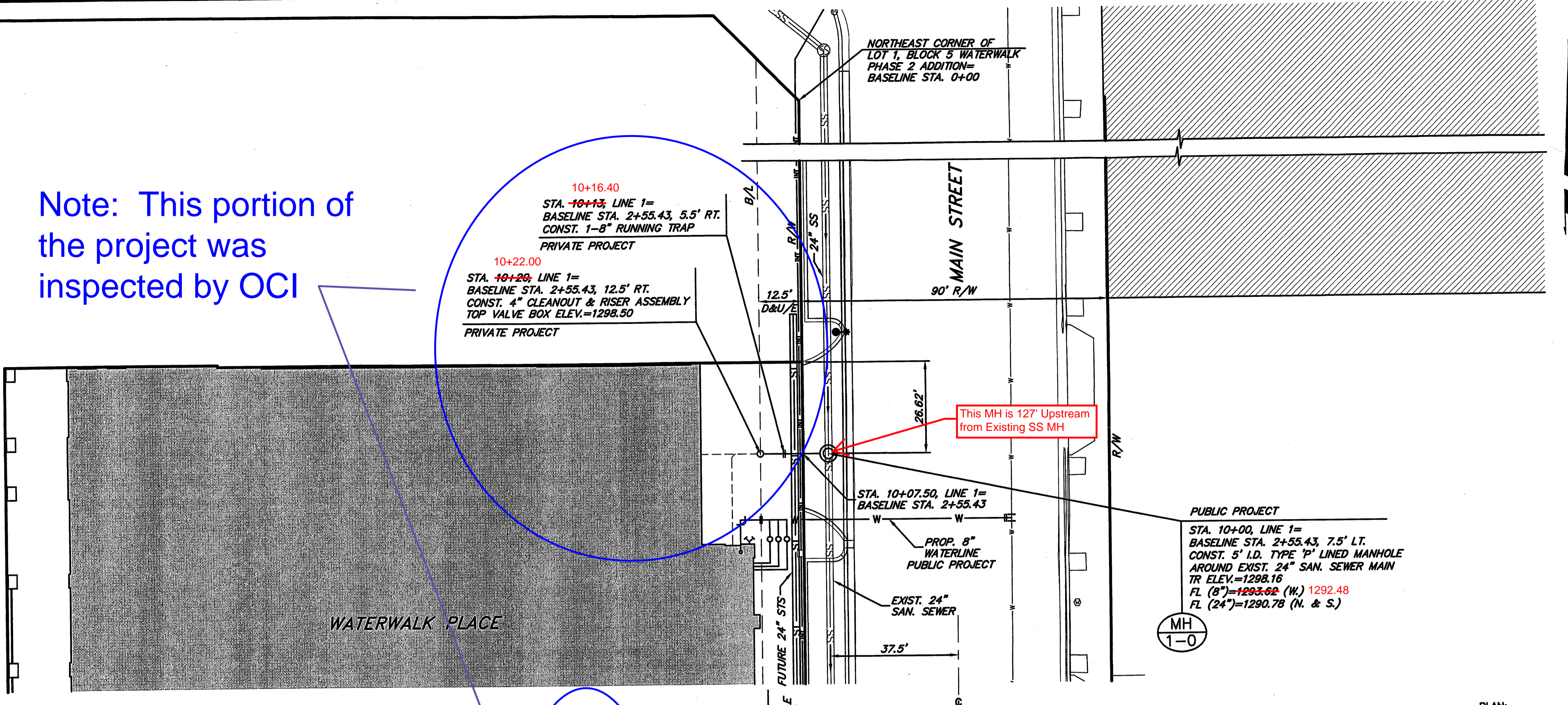
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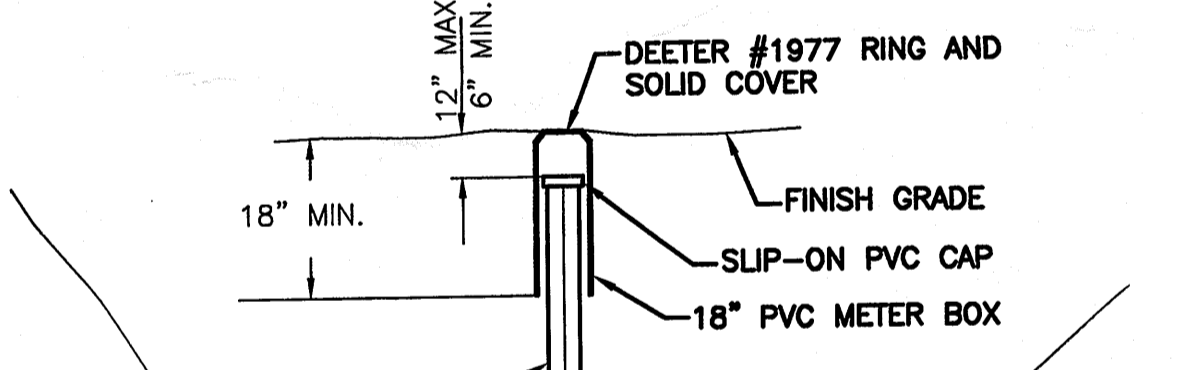
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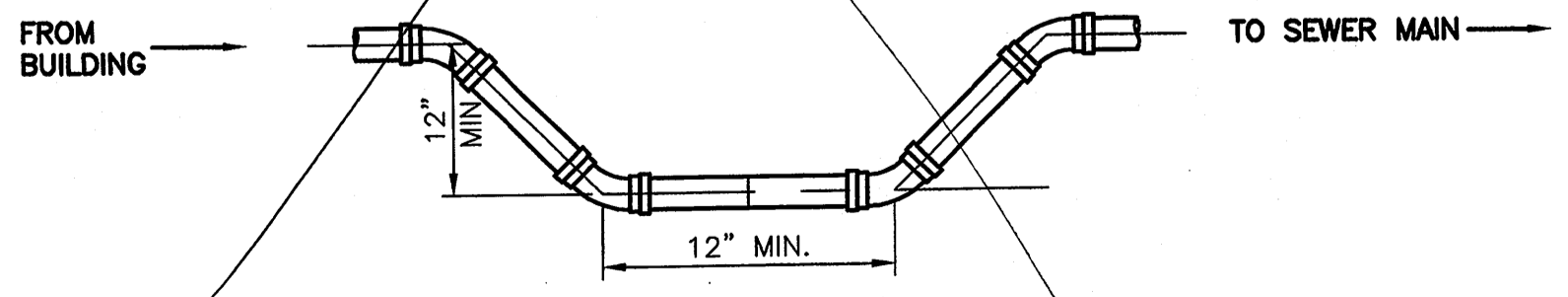
Note: This portion of the project was inspected by OCI



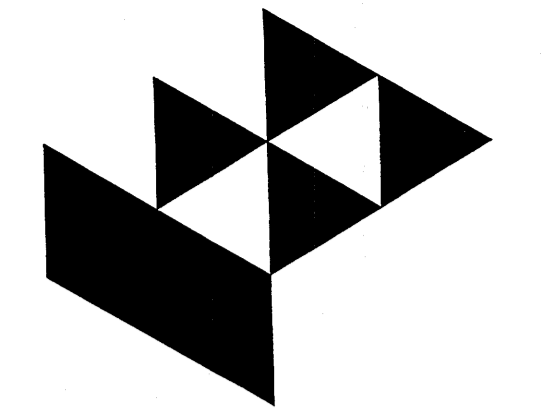
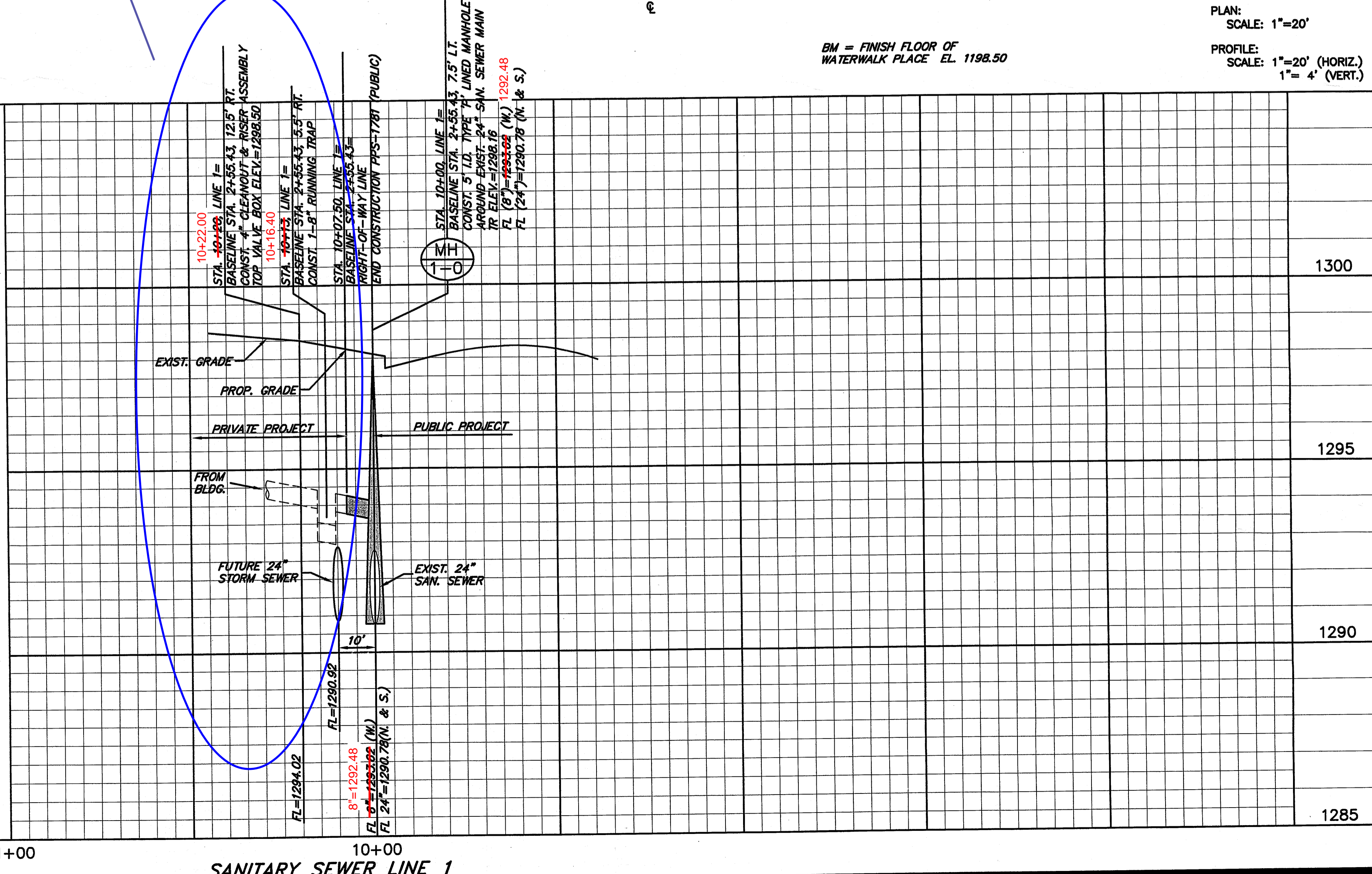
PLAN: SCALE: 1"=20'
 PROFILE: SCALE: 1"=20' (HORIZ.), 1"=4' (VERT.)



4" CLEANOUT RISER ASSEMBLY DETAIL (PRIVATE PROJECT)



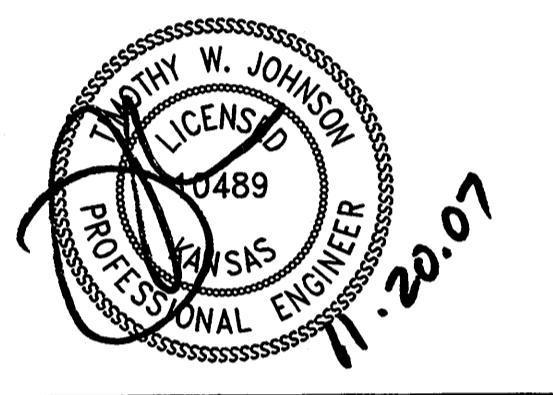
8" RUNNING TRAP DETAIL (PRIVATE PROJECT)



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 Certificate of Authorization #E-1128 EXP. DATE: 12-31-2008



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515 S. MAIN STREET

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SANITARY SEWER PLAN & PROFILE

Job No.	11-16-07	C501
Date		
Drawn	B.C.	OF
Checked	P.B.	2 of 2