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Joint Base Myer – Henderson Hall (JBM-HH)
Directorate of Public Works
106 Stewart Rd. Bldg 313
Fort Myer, VA 22211

Date: 29 January 2026

Subject: Roof Inlet Pipe Lining Repair

Location: Spates Hall / Myer Building 407, Joint Base Myer-Henderson Hall, Fort Myer, VA 22211

WR# - JOR#: 202613-2

To: Prospective Contractors

MAYEDA.DAVID.STANFORD.1410563688 Digitally signed by MAYEDA.DAVID.STANFORD.1410563688 Date: 2026.01.29 08:30:03 -05'00'

Written By

HTUN.WIN.ZAW.1387268088 Digitally signed by HTUN.WIN.ZAW.1387268088 Date: 2026.01.29 09:49:17 -05'00'

Approved By

The following items define the scope/statement of work and general approach to the completion of the above referenced Roof Inlet Pipe Lining Repair project. This is a Construction scope of work.

SCOPE OF WORK

Construction Scope	
Section 1	Background
Section 2	Construction Scope • Selective Demolition • Architectural Work • Plumbing Work
Section 3	Government Provided Items
Section 4	Construction/Product Submittals
Section 5	Design General Conditions
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Section 7	Reference

1. Background

Water infiltration into Fort Myer Spates Hall, Building 407 (MY B407) occurs from local roof elements in 5 different areas of the building. Spates Hall recently modernized to serve as Garrison

Dining Facility and allow Patton Hall (Bldg. 214) major renovation through replacement. Soft

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Opening of Spates Hall to occur the week of 12 January 2026. Drywall and carpeting water damage at this time of year provides a high risk for mold growth since the environmental cooling system has been shut down for the season, which creates and accelerates Life, Health and Safety concerns. Pipe-lining repair of selected interior roof drain lines is considered an emergency condition, which requires expedited remedies and measures. This repair project requires the repair of damaged improvements and restore adequate working environments.

2. Construction Scope

Five (5) Roof Inlet Drain Line Pipes (See attached Reference Sheet 1 and 2)

2.1. Selective Demolition

Roof drain piping work shall not be performed during rain event or when roof has or holds water that requires roof drain operation.

2.1.1. Roof Drain #1 (All Purpose Room)

- Existing fire sprinkler-head is near work area. Care shall be taken while accessing work area and performing repair work and should not directly impact or affect repair work under this requirement. Fire sprinkler lines shall not be disturbed.
- Carefully remove and retain approximate 20 square feet (SF) ceiling tiles to access drain line pipe from roof drain inlet and maintain for re-use. Maintain existing drop ceiling grid.
- Carefully remove drain line cap to open drain line piping to perform lining repair work and retain for use.

2.1.2. Roof Drain #2 (All Purpose Room)

- Existing fire sprinkler-head is near work area. Care shall be taken while accessing work area and performing repair work and should not directly impact or affect repair work under this requirement. Fire sprinkler lines shall not be disturbed.
- Carefully remove and retain approximate 20 square feet (SF) ceiling tiles to access drain line pipe from roof drain inlet and maintain for re-use. Maintain existing drop ceiling grid.
- Carefully remove drain line cap to open drain line piping to perform pipe-lining repair work and retain for use.

2.1.3. Roof Drain #3 (Coat Room)

- Existing fire sprinkler-head is near work area. Care shall be taken while accessing work area and performing repair work and should not directly impact or affect repair work under this requirement. Fire sprinkler lines shall not be disturbed.
- Approximate 15 SF gypsum board ceiling has been removed to expose roof drain inlet during previous rainstorm.
- Carefully remove drain line cap to open piping to perform pipe-lining repair work and retain for use.

2.1.4. Roof Drain #4 (General Office)

- Carefully remove approximate 15 SF gypsum board ceiling to expose roof drain inlet and pipe.

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- Carefully remove drain line cap to open piping to perform pipe-lining repair work and retain for use.

2.1.5. Roof Drain #5 (Existing Building Addition)

- Existing fire sprinkler-head is near work area. Care shall be taken while accessing work area and performing repair work and should not directly impact or affect repair work under this requirement. Fire sprinkler lines shall not be disturbed.
- Approximate 25 SF gypsum board ceiling has been removed to expose roof drain inlet and pipe and waste. Two levels of ceiling is present under the existing skylight and shall be maintained. Carefully remove existing drywall access door panel and re-use in upper ceiling section. Clean and aesthetically soften (gently sand for repainting) lower ceiling section around existing HVAC diffuser grate.
- Carefully remove drain line cap to open piping to perform pipe-lining repair work.

2.2. Architectural Work

2.2.1. Roof Drain #1 & #2 (Drop Ceiling Tile Grid)

- Carefully install ceiling tiles in existing grid.

2.2.2. Roof Drain #3 & #4 (Gypsum Board Ceiling)

- Install gypsum board, matching existing thickness, to close opening in ceiling. Apply taping or grout to close seem around new gypsum board
- Apply paint base and minimum 2-coats of oil-based paint, matching existing color.

2.2.3. Roof Drain #4 (General Office-Gypsum Board Ceiling)

- Install gypsum board to close ceiling work area, matching existing thickness, to close opening in ceiling. Apply taping or grout to close seem around new gypsum board
- Apply approximately 40 SF paint base and minimum 2-coats of oil-based paint, matching existing color.

2.2.4. Roof Drain #5 (Existing Building Addition-Gypsum Board Ceiling)

- Install gypsum board to close ceiling work area, matching existing thickness, to close opening and re-install in ceiling. Apply taping or grout to close seem around new gypsum board.
- Re-use and install access door panel in same location.
- Apply approximately 40 SF on both ceiling levels paint base and minimum 2-coats of oil-based paint, matching existing color.

2.3. Plumbing Work

2.3.1. Roof Drain Pipe Lining Repair (#1 through #5 locations)

- Carefully remove drain line cap or fitting to open piping to perform lining repair work.
- Existing drain line pipe is approximately 3 to 6-inch diameter, cast or ductile-iron pipe. Install epoxy resin pipe-lining material or approved equal to minimum 15-feet to maximum 20-feet, or physically capable for pipe fittings to minimize deconstruction of

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drain line piping. Lining material shall not significantly adversely affect existing interior-diameter pipe capacity. This pipe-lining repair requirement is not a drain line replacement project.

- Reinstall pipe fittings to close drain pipe and provide a water tight assembly.

3. Construction/Product Submittals

3.1. The contractor will certify that submittals meet the requirements of the plans, specifications, and the above SOW using Engineering Form (EF) 4025 Transmittal. The Contractor shall allow for no less than 14 calendar days for submittal review by the government. THE CONTRACTOR SHALL NOT BE PERMITTED TO INSTALL ANY AND ALL ITEMS LISTED BELOW WITHOUT AN APROVED SUBMITTAL MATCHING WHAT IS TO BE INSTALLED IN ALL RESPECTS. Submittal Logs will be provided. Shop drawings, product data, and samples will be submitted for all equipment and materials related to the following list (written submittals will be sent in hard-copy form as well as electronically in Adobe Acrobat readable format to the COR):

3.1.1. Project Schedule.
3.1.2. Project Schedule of Values.
3.1.3. Project Superintendent.
3.1.4. APP (Accident Prevention Plan)
3.1.5. Safety Plan
3.1.6. Pile Lining Material or Example, and Specifications
3.1.7. MSDS
3.1.8. Paint Color and Specification

4. Construction General Conditions

4.1. All work shall be completed at JBM-HH, Fort Myer, Henderson Hall, Virginia.

4.2. All work shall meet or exceed, minimum of Unified Facilities Guide Specifications (UFGS) Division(s) 09-Finishes, 22-Plumbing, 33-Utilities, dated November 2025 or latest version thereof.

4.3. Contractor is responsible for all means, methods, supervision and coordination to produce a quality, finished product. The contractor must provide all equipment, material, and labor necessary to complete scope of work, described herein.

4.4. Contractor's Agent and/or Representative is required to be on-site at any time work is being executed in conjunction with the project and is responsible for and must be able to report on the location and number of employees working on the installation when requested.

4.5. Any discrepancy or inconsistency between the scope of work and actual job conditions found during the project shall be reported immediately to Contracting Officer (KO) & Contract Officer Representative (COR), followed with a written record within 36 hours. Written notification from the Contractor/Designer of Record shall include the discovery, direction, circumstances, options, and recommendations with alternatives with costs, for review and acceptance to accomplish a completed project. Contractor is responsible for providing any Request for Information (RFI) in written form to KO and COR to clarify any and all portions of the work that may be in question.

4.6. Any unforeseen site conditions shall be brought to the immediate attention of the KO & COR for direction on how to proceed. Written notification from the Contractor and/or Designer of Record

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shall occur within 36 hours of discovery, and include the discovery, circumstances, options, recommendations and/or alternatives for review and acceptance to accomplish a completed project. NO additional work will be permitted without first being recommended for approval by the COR, and authorized by the KO.

4.7. Contractor will be paid through Wide Area Work Flow (WAWF; for more information see https://wawf.eb.mil/) unless otherwise indicated by the Director of Contracting. The Contractor shall submit a completed Application and Certification for Payment for this project to the COR for review and acceptance prior to entering an Invoice into the WAWF system (in addition to any notification provided through the WAWF system). Failure to ensure that the COR is notified by email and that a return receipt acknowledges its receipt, may be grounds for forfeiture of any late fees the contractor may otherwise be owed.

4.8. All work completed under this Contract is subject to Davis-Bacon Wage Act.

4.9. Contractor agrees to warrant work for a period of 365 calendar days (or twelve (12) months whichever is longer) from the date of acceptance by the COR. Warranty shall be furnished in writing prior to the Contractor's final invoice under this Contract.

4.10. Materials. All materials required for the entire project shall meet industry standards, shall be new, free from all defects, of the best grade and quality, and entirely satisfactory for the purpose intended and shall be furnished in sufficient quantities to prevent delay.

4.11. Total Contract and Construction Performance Period: no more than 45 calendar days.

4.12. Regular Working Hours. The government's regular (normal) working hours are from 0700 to 1530, Mondays through Fridays, except (a) federal holidays and (b) other days specifically designated by the Contracting Officer. Federal holidays are New Year's Day, Martin Luther King Jr. Day, Presidents Day, Juneteenth, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day.

4.13. The Contractor is to provide a CPM/PERT Logic chart and/or a linked GANNT Chart schedule for all work activities to the COR for acceptance prior to the initiation of any and all work and/or mobilization on the project site. This schedule is to account for all activities involved in the work, any and all administrative requirements required to execute the work described herein, and any and all supply, coordination, or subcontract efforts that may be required to execute the work. This schedule is to be provided in written and Adobe Acrobat readable format.

4.14. If required, building areas required to be Unavailable or usage disruptions shall be coordinated with the COR and FMWR with a minimum 7 to 14 Days in advance and all safety measures must be followed. Contractor will draft JBM-HH Request for Support Form 7 for temporary closures and/or Base disruptions with the COR. Once Form 7 is correct format and required information is included, COR will submit DoO Form 7 on behalf of Contractor.

4.15. The Contractor is advised this installation is the premier installation for the United States Military. As such, there are times of heightened security measures (as result of threats, visiting dignitaries, and other reasons); the contractor may not have access to the installation or portions thereof. Many of these events can and will be coordinated with the contractor prior to the event by the COR; however, this may or may not be the case. In the event and it is determined that the contractor cannot work, the government shall furnish a time extension on a day for day basis for such interruptions as approved and agreed upon by the KO, however, the contractor will not be entitled to any additional compensation for such delays as may result.

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4.16. The Contractor must be aware that Fort Myer, Henderson Hall, and Fort McNair of Joint Base Myer – Henderson Hall (JBM-HH) is a controlled access installation, and as a result requires photographic Real Identification and the potential of vehicle inspection in order to gain entrance onto the installation. Detention, delay, and/or other challenges presented to the contractor as a result of this fact are the sole responsibility of the contractor.

4.17. The Contractor shall ensure that all contractor and sub-contractors employees who require physical access to JBM-HH and Fort McNair provide all information required for a check of records through databases including, but not limited to, the National Crime Information Center (NCIC) Interstate Identification Index (III) and the Terrorist Screening Database. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at the installation change, the Government may require changes in contractor security matters or processes.

4.17.1. Contractor and all associated sub-contractors employees shall provide all information required for background checks to meet installation access requirements to be accomplished by installation Provost Marshal Office, Director of Emergency Services or Security Office. Contractor workforce must comply with all personal identity verification requirements (FAR clause 52.204-9, Personal Identity Verification of Contractor Personnel) as directed by DOD, HQDA and/or local policy. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at any individual facility or installation change, the Government may require changes in contractor security matters or processes.

4.17.2. All contractor employees with access to a government info system must be registered in the ATCTS (Army Training Certification Tracking System) at commencement of services, and must successfully complete the DOD Information Assurance Awareness prior to access to the IS and then annually thereafter.

4.17.3. All Contractor and Sub-Contractor personnel required to have access to the Base must complete the attached "Request for a Joint Base Myer-Henderson Hall Installation Access Control Pass" (See Reference Section 6 Below: JBM-HH Form 190-16x, 16 May 18; Installation Access Request Application. "Applicants Signature" MUST be Original Signature. Copy, Scan, or other duplication form of Applicant's Original Signature is not acceptable.

4.17.4. The Contractor shall maintain awareness of all Prime and Sub-Contractor employees who are vetted and approved for access onto the Base. Contractor shall notify the KO and COR in writing within 48 hours of any contractor or sub-contractor employees who resigns, is terminated, or for any other reason and no longer authorized to access JBM-HH and Fort McNair for the purpose of performance of this contract. For contracts with a performance period longer than three months, the Contractor shall reconcile his roster of approved personnel with the JBM-HH, Fort McNair Visitor Control Center (VCC) to ensure that both the Contractor and Contract Officer Representative maintain accurate awareness of the contractor and subcontractor employees who are authorized to access the installation.

4.17.5. All contractor and all associated sub-contractors employees requiring physical access to JBM-HH and Fort McNair for contract performance shall be pre-screened by the Contractor using the E-verify Program at http://www.dhs.gov/E-Verify website to meet the

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established employment eligibility requirements and shall provide only eligible employees for contract performance while on the installation.

4.17.6. All contractor employees, including subcontractor employees, requiring access to Army installations, facilities, and controlled-access areas shall complete AT Level I awareness training within 10 calendar days after the contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. The contractor shall submit certificates of completion for each affected contractor employee and subcontractor employee, to the COR or to the contracting officer, if a COR is not assigned, within calendar 10 days after completion of training by all employees and subcontractor personnel. AT Level I awareness training is available at the following website: http://jko.jten.mil

4.17.7. The contractor and all associated sub-contractors shall brief all employees on the local iWATCH program (training standards provided by the requiring activity ATO). This local developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR. This training shall be completed within 10 calendar days of contract award and within calendar 5 days of new employees commencing performance with the results reported to the COR NLT 15 calendar days after contract award. iWATCH training slides available from the ATO upon request by the COR.

4.17.8. The contractor shall develop an OPSEC Standing Operating Procedure (SOP)/Plan within 90 calendar days of contract award, to be reviewed and approved by the responsible Government OPSEC officer. This plan will include a process to identify critical information, where it is located, who is responsible for it, how to protect it and why it needs to be protected. The contractor shall implement OPSEC measures as ordered by the commander. In addition, the contractor shall have an identified certified Level II OPSEC coordinator per AR 530-1.

4.17.9. Per AR 530-1 Operations Security, the contractor employees must complete Level I OPSEC Awareness training. New employees must be trained within 30 calendar days of their reporting for duty and annually thereafter.

4.17.10. All contractor employees and associated sub-contractor employees must complete the DoD IA awareness training before issuance of network access and annually thereafter. All contractor employees working IA/IT functions must comply with DoD and Army training requirements in DoDD 8570.01, DoD 8570.01-M and AR 25-2 within six months of appointment to IA/IT functions.

4.17.11. For all contractors with security clearances. Per AR 381-12 Threat Awareness and Reporting Program (TARP), contractor employees must receive annual TARP training by a CI agent or other trainer as specified in 2-4b.

4.18. The Contractor is to execute such work over whatever hours are required, inclusive of normal, weekend, overtime, alternate work time, as required to complete the work at no additional cost to the government within the prescribed period of performance. The contractor shall schedule and coordinate non-normal working hours work with the COR, deemed required by the Contractor and necessary by the COR for a completed project.

4.19. The Contractor is to comply with local noise ordinances.

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4.20. Contractor will have access to the site through the Hatfield Gate, off 2nd Avenue, Arlington Virginia.

4.21. Quality Control (QC) in accordance with the Contractor Quality Control Procedures and Plan. The Contractor will furnish a copy of their QC Plan to the government prior to the start of construction for review and acceptance. The contractor shall appoint a quality control person. The project superintendent and quality control person cannot be the same individual. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The government will periodically evaluate the contractor's performance and compliance with this SOW. Any and all discrepancies and/or non-compliance discovered regarding work executed for this SOW will require the contractor to re-accomplish the task at no additional cost to the Government.

4.22. Safety in accordance with the Contractor's Safety Program. Prior to the beginning of any field work, the Contractor shall submit their safety plan and site specific safety plan in accordance with EM 385-1-1,to the KO, COR and JBM-HH Safety Office for review and acceptance. The Report and/or plans will be tailored/formatted and submitted using the U.S. Army Corps of Engineers, "Safety Inspection Checklist, and Accident Prevention Plan" attached as CESO Checklist A-02 Accident Prevention Plan Checklist in following Section 7. The contractor shall be responsible for safety of employees, sub-contractor employees (whom must follow the Prime's Mishap Prevention Plan), Government employees and visitors within the work site premises during all operations, including the contractor providing and supervising the appropriate use of all personal protective equipment.

4.23. Any incident involving injury to Contractor's employees or property damage shall immediately reported to the DPW COR, JBM-HH Safety Office, and/or Directorate of Emergency Services (DES) and/or 911.

4.24. Safety Requirements and Reports. During the performance of work under this contract, the Contractor shall strictly adhere to Environmental Protection Agency Regulations (EPA), Federal Occupational Safety and Health Regulations (OSHA), U.S. Army Corps of Engineers Safety and Health Handbook (EM-385-1-1), as well as all applicable state and local requirements.

4.25. Fire Protection. The Contractor shall handle and store all combustible supplies, materials, waste and trash in a manner that prevents fire hazards to persons, facilities, and materials. Contractor must coordinate with the COR and DES to receive hot work permits from the JBM-HH Fire Department; Contact James Dansereau at 703-696-3483 for the permits.

4.26. Environmental Protection

4.26.1. The contractor shall comply with all applicable federal, state, and local laws, and with the regulations and standards. All environmental protection matters shall be coordinated with the KO and COR. Inspection of any of the facilities operated by the Contractor are accomplished by DPW Environmental Division and/or Safety personnel, or authorized officials on a no-notice basis at any time.

4.26.2. In the event a regulatory agency assesses a monetary fine against the Government for violations caused by Contractor negligence, error or omission, the Contractor shall reimburse the Government the amount of that fine and other costs. The Contractor shall also clean up any oil spills that result from the Contractor's operations. The Contractor shall comply with the instructions from the JBM-HH Safety Office with respect to

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avoidance of conditions which create a nuisance or which may be hazardous to the health of military of civilian personnel.

4.26.3. The contractor shall provide a list of all Hazardous Materials used on the Post under this Project, and provide an MSDS for each material listed.

4.27. All demolished material shall be accounted for by the Contractor and reported to the COR.

4.28. Before completion of work each day, the Contractor shall secure all supplies, materials and equipment. Contractor shall daily remove all scrap, debris, etc. and dispose off-post, unless otherwise directed elsewhere in this SOW and leave the job site in a clean, orderly and safe manner for each calendar day.

4.29. Disposal:

4.29.1. Debris, rubbish, hazardous waste and unusable material resulting from the work under this contract shall be daily disposed of by the Contractor legally and in compliance with all regulations as may pertain at his expense off of Government property. Work areas shall be kept clean and provide clear access to and through the site at all times.

4.29.2. All recyclable materials; aluminum and metal cans, glass bottles and jars, plastic bottles, newspapers, cardboard, high grade paper, mixed paper, scrap metal, scrap lumber, pavement debris, and vegetation wastes shall be segregated, removed from the Post, and disposed of in accordance with Department of Defense recycling and solid waste management regulations.

4.29.3. Hazardous waste must be disposed of in accordance with the Resource Conservation and Recovery Act.

4.30. Permits: The Contractor shall, without additional expense to the Government, obtain all appointments, licenses, and permits required for the prosecution of the work. The Contractor shall comply with all applicable federal and District laws. Evidence of such permits and licenses shall be provided to the KO and COR before work commences.

4.31. Notwithstanding any other provisions of this scope of work, the Contractor shall comply with applicable rules, laws, regulations and policies, in effect at Joint Base Myer – Henderson Hall (JBM-HH), and all US laws.

4.32. Contractor shall ensure they comply with any and all additional provisions as applicable to contractors working at JBM-HH. The contractor is to be fully aware and have full knowledge of any and all policies, procedures and requirements to work on this installation, and is to seek clarification on any specific provision that they are unclear about from the COR if this is not the case.

4.33. Unless otherwise indicated, the Government is represented by the Project Manager (PM)/COR. The PM/COR for this contract is David S Mayeda, P.E., who can be reached at Office phone: 520-691-4600, Cellular phone: 703-304-7138, or by email: david.s.mayeda.civ@army.mil.

4.34. Work shall be completed in one construction phase per area of work.

4.35. Contractor will have access to all work areas at one time.

4.36. Contractor will not be allowed to use Government restroom facilities in the Government buildings where work is to take place. The Contractor will be allowed to locate Port-O-Johns near the work site and shall be coordinated with the COR.

4.37. Contractor will provide protection to all areas adjoining or within the area of the work that are not to be affected or damaged.

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4.38. The contractor is fully and totally responsible for the condition of the work and the work site en-masse until the work is formally accepted by the government. As a consequence, the contractor may be required to execute rework until such time as formal acceptance of the work is made by the government.

4.39. If the work requires any shutdown or disruption of any utility/service outside of the immediate area of the work/the area under the contractor's control, the Contractor shall coordinate and provide a minimum 14 day notice with the COR and KO, prior to making any such disruption and follow any and all procedures provided by the DPW for such disruptions. To the extent possible, the contractor must note on his schedule planned shutdowns or disruptions that will be required as a part of the work (inclusive of timeframe and any logical connections to other tasks of the work).

4.40. Contractor shall complete JBM-HH Installation Support Request Form 7 with 7 to 14 day notification for Temporary Closures of Pedestrian and/or Vehicular ways and/or parking areas that impact travel ways/areas. Contractor shall submit draft form to COR for review and acceptance. COR shall submit to Directorate of Operations (DoO) for acceptance to proceed with work.

4.41. Contractor shall provide Movement of Traffic (MOT) and applicable Traffic control measures as required for review and approval, prior to mobilization to the site. Coordination of these measures shall be with the COR and Fort Myer Directorate of Emergency Services (DES), Traffic Division at 703-614-4700.

4.42. The Contractor shall coordinate any oversized deliveries with the COR and DES in order to allow access to the installation through the proper gate.

4.43. Contractor is required to visit the site prior to submission of a proposal. Contractor is responsible and will execute such measurements and calculations to determine the quantities required to execute the work described herein for bidding, construction estimating, and work execution. The Government will make no guarantee or other confirmation of the applicable quantities, the Contractor/Designer of Record makes these determinations at their own risk.

4.44. The Contractor is to be present for and participate fully in a pre-construction/contract initiation meeting held by the KO prior to any work beginning or ordering of any materials, unless otherwise directed by the KO. The information discussed and clarifications made in this meeting will be made biding on the contract as indicated by the KO.

4.45. It is noted that the COR may be different than the Project Manager (PM) for this project. If there is a need to contact or engage the PM for this project, such contact will be made through the COR. These designations will be clarified and determined during the pre-construction/contract initiation meeting prior to the Notice to Proceed issued by the Contracting Officer.

5. Reference

5.1. Building Sketch Plan

5.2. JBM-HH Form 190-16x, 16 May 18; Installation Access Request Application

5.3. CESO Checklist A-02, Accident Prevention Plan Checklist

5.4. EF 4025-R Transmittal

End of Scope of Work

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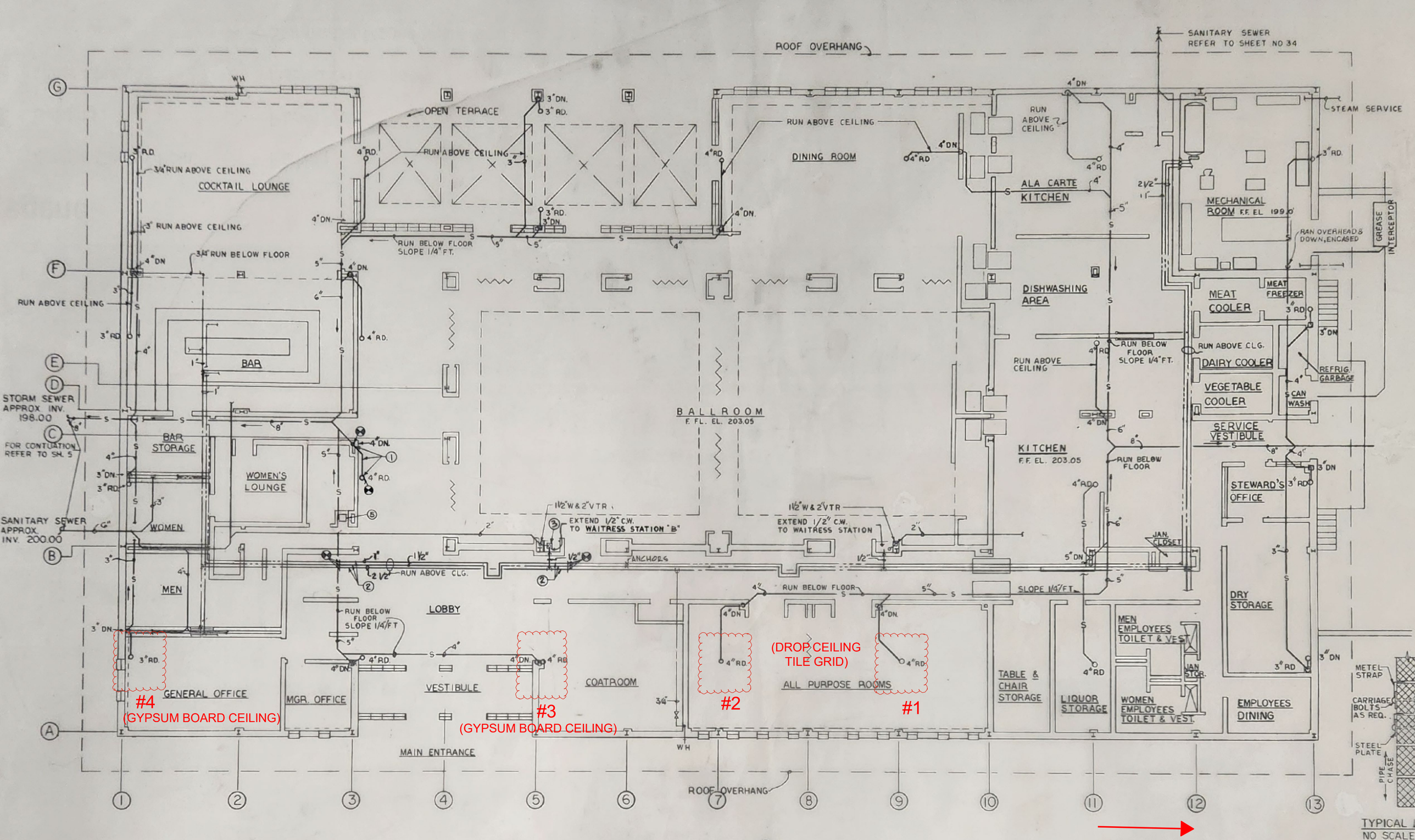

FLOOR PLAN ④
SCALE: 1/8"=1'-0"

** FOR REFERENCE ONLY **

EFERENCE SHEET 1)

NORTH
(NOT TO SCALE)

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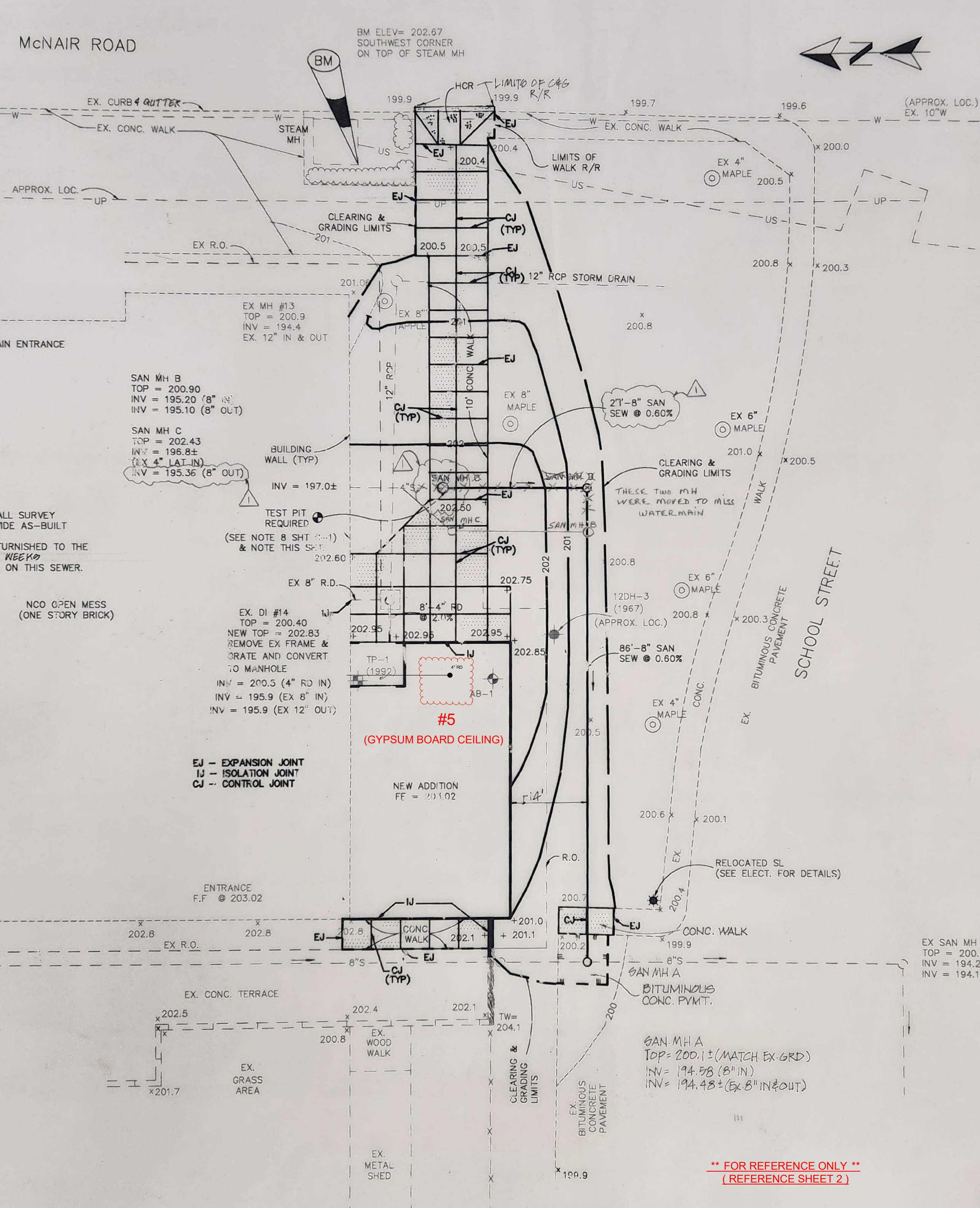
McNAIR ROAD
BM ELEV= 202.67
SOUTHWEST CORNER
ON TOP OF STEAM MH
BM
EX. CURB & GUTTER
EX. CONC. WALK
STEAM MH
HCR
LIMITS OF C&G R/R
LIMITS OF WALK R/R
EX. CONC. WALK
(APPROX. LOC.) EX. 10"W
EX 4" MAPLE
APPROX. LOC.
CLEARING & GRADING LIMITS
CJ (TYP)
EX R.O.
12" RCP STORM DRAIN
EX MH #13
TOP = 200.9
INV = 194.4
EX. 12" IN & OUT
EX 8" APPLE
12" RCP
10' CONC. WALK
EX 8" MAPLE
27'-8" SAN SEW @ 0.60%
EX 6" MAPLE
SAN MH B
TOP = 200.90
INV = 195.20 (8" IN)
INV = 195.10 (8" OUT)
SAN MH C
TOP = 202.43
INV = 196.8±
(EX 4" LAT IN)
INV = 195.36 (8" OUT)
BUILDING WALL (TYP)
INV = 197.0±
CLEARING & GRADING LIMITS
THESE TWO MH WERE MOVED TO MISS WATERMAIN
TEST PIT REQUIRED
(SEE NOTE 8 SHT C-1) & NOTE THIS SHT.
EX 8" R.D.
EX. DI #14
TOP = 200.40
NEW TOP = 202.83
REMOVE EX FRAME & GRATE AND CONVERT TO MANHOLE
INV = 200.5 (4" RD IN)
INV = 195.9 (EX 8" IN)
INV = 195.9 (EX 12" OUT)
8'-4" RD @ 2.1%
12DH-3 (1967)
(APPROX. LOC.)
86'-8" SAN SEW @ 0.60%
TP-1 (1992)
AB-1
#5
(GYPSUM BOARD CEILING)
EX 4" MAPLE
SCHOOL STREET
BITUMINOUS CONCRETE PAVEMENT
EJ – EXPANSION JOINT
IJ – ISOLATION JOINT
CJ – CONTROL JOINT
NEW ADDITION
FF = 203.02
ALL SURVEY MADE AS-BUILT FURNISHED TO THE WEEKS ON THIS SEWER.
NCO OPEN MESS (ONE STORY BRICK)
ENTRANCE
F.F @ 203.02
EX R.O.
CONC. WALK
RELOCATED SL (SEE ELECT. FOR DETAILS)
EX SAN MH
TOP = 200.
INV = 194.2
INV = 194.1
SAN MH A
BITUMINOUS CONC. PVMT.
EX. CONC. TERRACE
EX. WOOD WALK
EX. GRASS AREA
EX. METAL SHED
CLEARING & GRADING LIMITS
EX. BITUMINOUS CONCRETE PAVEMENT
SAN MH A
TOP= 200.1± (MATCH EX. GRD)
INV= 194.58 (8" IN)
INV= 194.48± (EX. 8" IN & OUT)
** FOR REFERENCE ONLY **
(REFERENCE SHEET 2)