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PROJECT REFERENCE NO.	SHEET NO.
R-5023B	UC-05

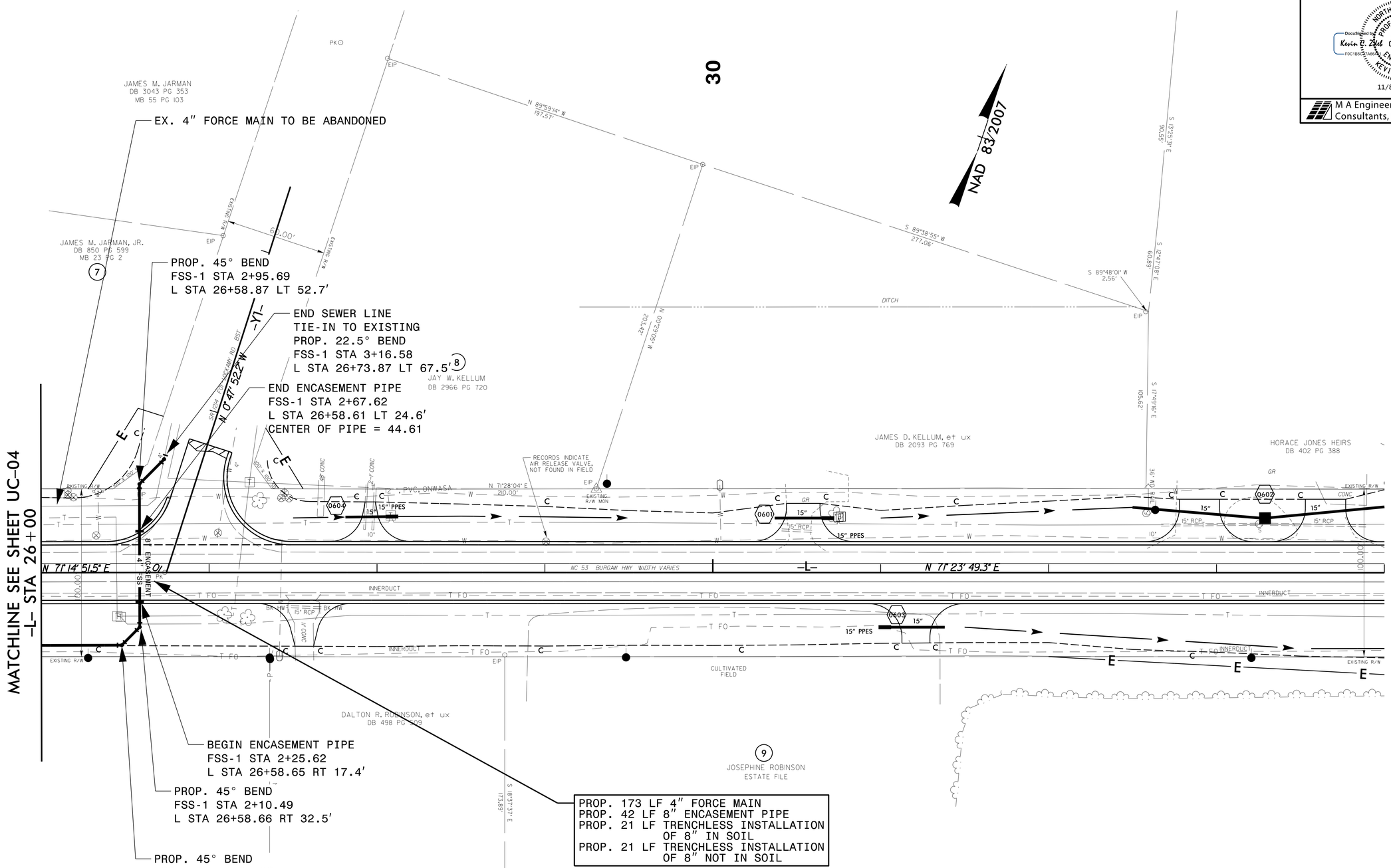
UTILITY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 027661 ENGINEER KEVIN C. ZDEB

DocuSigned by: Kevin C. Zdeb F0C1B8D7A8B4...

11/8/2016

M A Engineering Consultants, Inc.
598 East Chatham Street - Suite 137
Cary, NC 27511
Phone: 919.297.0220 Fax: 919.297.0221
NC License: F-0160



NOTES:

1. WATER LINE CONFLICTS FROM BEGINNING OF PROJECT TO SR 1212 (PONY FARM RD) ARE ADDRESSED BY OTHERS UNDER A SEPARATE PROJECT.
2. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UTILITIES BEFORE BEGINNING CONSTRUCTION.
3. PROPOSED FORCE MAIN FOR OPEN TRENCH CONSTRUCTION SHALL BE PVC C900 DR-18 RESTRAINED JOINT.
4. PROPOSED FORCE MAIN TO BE INSTALLED WITHIN STEEL ENCASEMENT SHALL BE DUCTILE IRON RESTRAINED JOINT PIPE. SEE NOTE 2A ON SHEET UC-03.
5. REFER TO PROJECT NOTE 5 ON SHEET UC-03 FOR JOINT RESTRAINT REQUIREMENTS ON EXISTING FORCE MAIN.

30 15 0 30 60
PLAN

UTILITY OWNERS ON THIS PROJECT:

1. ONSLOW WATER & SEWER AUTHORITY
   UTILITY: 10"/12" WATER LINE
   4" FORCE MAIN SEWER
   CONTACT: CARL H. BAKER, PE
   PHONE: (910) 937-7521

5/28/99

8/10/2016 10:03:05 AM R-5023\R-5023_Onslow\Utilities\Rdy_UA\Proj\R5023_UC_UC-05.pshb.dgn