

LOST NATION ROAD (R/W Varies)

GENERAL INSTALLATION CRITERIA:

PROPOSED GAS LINE SHALL BE CONSTRUCTED A MINIMUM OF 3'-0" FROM CENTER OF POLE TO CENTER OF GAS LINE, (TYPICAL ALL POLES). THE PROPOSED GAS LINE SHALL MAINTAIN A MINIMUM 5' HORIZONTAL SEPARATION BETWEEN WATER AND SANITARY SEWER LINES AND 1' HORIZONTAL SEPARATION BETWEEN EXISTING UTILITIES, IF FOR SOME REASON THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY.

CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION

ANY ROAD UNDERDRAINS DISTURBED MUST BE REPLACED, AS PER THE CITY OF WILLOUGHBY SPECIFICATIONS.

FIRE HYDRANTS ARE BACKED BLOCKED, DO NOT OPEN TRENCH DIRECTLY BEHIND A FIRE HYDRANT. CONTRACTOR SHALL MAINTAIN A MIN. 3' HORIZONTAL CLEARANCE FROM FIRE HYDRANT WHEN DIRECTIONAL DRILLING BEHIND.

WATER SERVICE CONNECTIONS TO HOUSES ARE ±3'-4" DEEP. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING. ANY DAMAGE TO SERVICE LATERALS SHALL BE REPAIRED IMMEDIATELY.

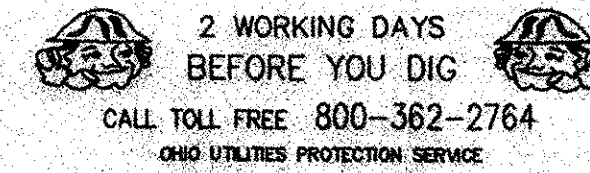
NO ROADWAY WILL BE OPEN CUT WITHOUT PERMIT FROM CITY BUILDING DEPARTMENT.

ANY DRIVES OR SIDEWALK DAMAGED SHALL BE REPLACED IN KIND OR AS DIRECTED BY CITY ENGINEER.

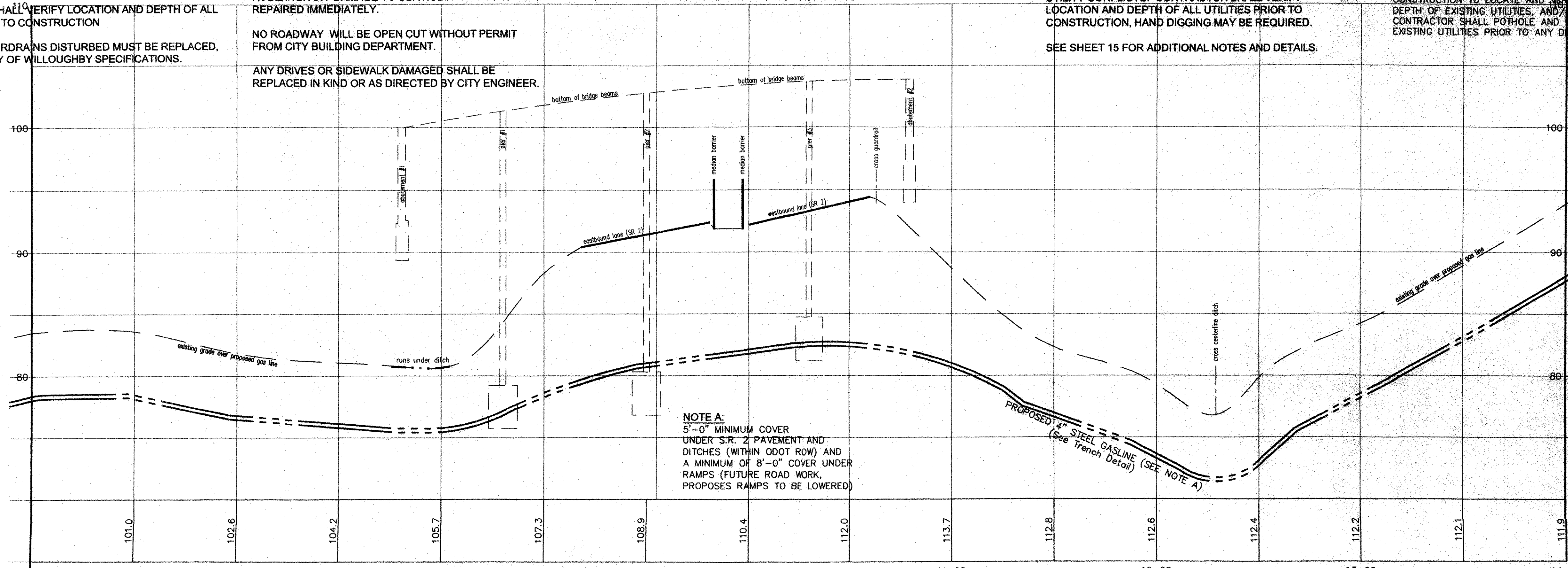
PRE-CONSTRUCTION CONFERENCE:
THE CONTRACTOR/OWNER SHALL CONTACT THE CITY OF WILLOUGHBY ENGINEER, TO SET UP A PRE-CONSTRUCTION MEETING. PRIOR TO ANY WORK STARTING.

CONSTRUCTION NOTE:
PROPOSED 4" STEEL GAS LINE TO BE DIRECTIONALLY DRILLED, EXCEPT IN AREAS WITH POSSIBLE EXISTING UTILITY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION, HAND DIGGING MAY BE REQUIRED.

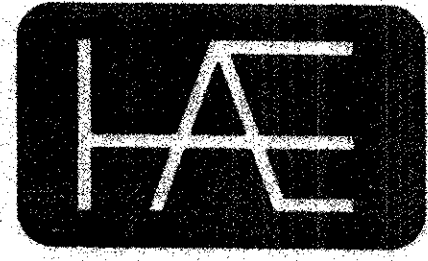
SEE SHEET 15 FOR ADDITIONAL NOTES AND DETAILS.



CITY OF WILLOUGHBY AND/OR UTILITY COMPANIES WILL BE CONTACTED PRIOR TO CONSTRUCTION TO LOCATE AND VERIFY DEPTH OF EXISTING UTILITIES, AND/OR THE CONTRACTOR SHALL POHOLE AND LOCATE EXISTING UTILITIES PRIOR TO ANY DRILLING



NOTE A:
5'-0" MINIMUM COVER UNDER S.R. 2 PAVEMENT AND DITCHES (WITHIN ODOT ROW) AND A MINIMUM OF 8'-0" COVER UNDER RAMPS (FUTURE ROAD WORK, PROPOSES RAMPS TO BE LOWERED)



HESS & ASSOCIATES ENGINEERING INC.

12121 KINSMAN ROAD
NEWBURY, OHIO 44065

Telephone: (440) 564-8008
Fax: (440) 564-8176

PREPARED UNDER THE SUPERVISION OF:



REVISIONS

Printed: March 7, 2006

ORWELL NATURAL GAS
LOST NATION ROAD DISTRIBUTION LINE

Plan
STA. 6+50 Thru STA. 14+50

PROJECT LOCATION:
CITY OF WILLOUGHBY, LAKE COUNTY, STATE OF OHIO

Project Name and Address
ORWELL NATURAL GAS
8500 STATION STREET
SUITE 100
MENTOR, OHIO 44060

Telephone: (440) 205-4600
Fax: (440) 974-5114

Contact Person:
Mr. Otmar Magnussen
Mobile #: (440) 669-6700

HESS Project: LOST NATION ROAD

DESIGNED BY: JED
DRAWN BY: JED/SSD
CHECKED BY: GJH
DATE: 01/2006
SCALE: 1"=30' H.
1"=5' V.