

UTILITY CROSSING:

- A** EXIST. 4" ELECTRIC TO CROSS OVER PROP. 6" WATER MAIN
GRADE EL: 14.64'
EL BOT: 11.28'
WM TOP: 10.30'
CLEARANCE: 1.08'
- B** EXIST. 4" ELECTRIC TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.73'
EL BOT: 11.66'
STRM TOP: 9.94'
CLEARANCE: 1.72'
- C** EXIST. 8" WATER MAIN TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.67'
WM BOT: 10.92'
STRM TOP: 10.20'
CLEARANCE: 0.72'
- D** EXIST. 8" WATER MAIN TO CROSS OVER PROP. 18" STORM
GRADE EL: 13.79'
WM BOT: 10.03'
STRM TOP: 9.44'
CLEARANCE: 0.59'
- E** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 18" STORM
GRADE EL: 13.11'
EL BOT: 13.01'
STRM TOP: 9.44'
CLEARANCE: 3.58'
- F** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 30" STORM
GRADE EL: 14.38'
EL BOT: 13.33'
STRM TOP: 9.90'
CLEARANCE: 3.43'
- G** EXIST. 8" WATER MAIN TO CROSS OVER PROP. 30" STORM
GRADE EL: 14.65'
WM BOT: 10.90'
STRM TOP: 9.90'
CLEARANCE: 1.00'
- H** PROP. 8" WATER MAIN TO CROSS OVER PROP. 30" STORM
GRADE EL: 14.55'
WM BOT: 10.80'
STRM TOP: 9.90'
CLEARANCE: 0.89'
- I** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 8" WATER MAIN
GRADE EL: 14.48'
EL BOT: 12.58'
WM TOP: 11.00'
CLEARANCE: 1.13'
- J** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 8" WATER MAIN
GRADE EL: 14.45'
EL BOT: 12.28'
WM TOP: 11.00'
CLEARANCE: 1.28'
- K** PROP. 8" WATER MAIN TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.40'
WM BOT: 10.26'
STRM TOP: 9.20'
CLEARANCE: 1.06'
- L** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.19'
EL BOT: 10.90'
STRM TOP: 9.20'
CLEARANCE: 2.98'
- M** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.12'
EL BOT: 10.80'
STRM TOP: 9.20'
CLEARANCE: 3.09'
- N** PROP. 24" STORM TO CROSS OVER EXIST. 8" WATER MAIN
GRADE EL: 14.01'
STRM BOT: 10.19'
WM TOP: 11.45'
CLEARANCE: 1.00'
- O** PROP. 18" STORM TO CROSS OVER PROP. 6" WATER MAIN
GRADE EL: 14.04'
STRM BOT: 9.54'
WM TOP: 8.40'
CLEARANCE: 1.14'
- P** PROP. 18" STORM TO CROSS OVER PROP. 6" WATER MAIN
GRADE EL: 14.05'
STRM BOT: 9.54'
WM TOP: 8.40'
CLEARANCE: 1.14'
- Q** PROP. 18" STORM TO CROSS OVER PROP. 6" WATER MAIN
GRADE EL: 15.03'
STRM BOT: 9.54'
WM TOP: 8.40'
CLEARANCE: 1.14'
- R** PROP. 8" WATER MAIN TO CROSS OVER PROP. 24" STORM
GRADE EL: 14.23'
WM BOT: 9.23'
STRM TOP: 8.70'
CLEARANCE: 0.53'
- S** PROP. 8" WATER MAIN TO CROSS OVER PROP. 24" STORM
GRADE EL: 14.23'
WM BOT: 9.23'
STRM TOP: 8.70'
CLEARANCE: 0.53'
- AH** EXIST. 1.5" ELECTRIC TO CROSS OVER PROP. 18" STORM
GRADE EL: 14.35'
EL BOT: 13.48'
STRM TOP: 11.31'
CLEARANCE: 2.18'

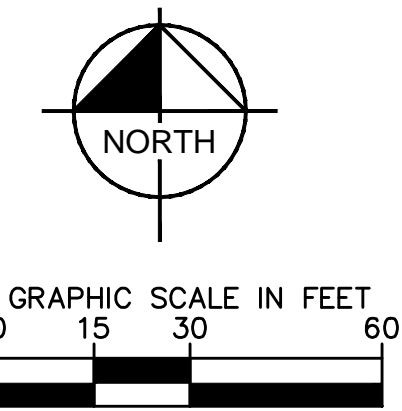
LEGEND:

- PROPERTY LINE/RIGHT OF WAY
- EXISTING ELECTRIC LINE
- EXISTING WATER MAIN
- EXISTING STORM PIPE
- PROPOSED SANITARY SEWER
- PROPOSED STORM PIPE
- PROPOSED WATER MAIN

PLANS ARE IN NAVD 1988 DATUM
CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.55' = (NGVD 1929)

UTILITY NOTES:

- ALL WATER MAIN (WM) SHALL BE DIP UNLESS OTHERWISE NOTED.
- ALL WATER SERVICE LINES SHALL BE MINIMUM 2" SDR9 PE UNLESS OTHERWISE NOTED.
- ALL FIRE MAIN (F) SHALL BE DIP UNLESS OTHERWISE NOTED.
- ALL DUCTILE IRON PIPE (DIP) SHALL BE CLASS 350 UNLESS OTHERWISE NOTED. ALL DIP SHALL BE MARKED PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) STANDARDS.
- ALL WATER MAIN SHALL HAVE A MINIMUM 36" COVER OVER THE TOP OF THE PIPE UNLESS OTHERWISE NOTED. WATER AND FIRE MAINS SHALL HAVE MIN. 6" VERTICAL SEPARATION FROM EACH OTHER.
- ALL FITTINGS FOR WATER MAIN, FIRE MAIN, AND SEWER FORCE MAIN SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS UNLESS OTHERWISE NOTED.
- PIPE DEFLECTION OF WATER MAIN, FIRE MAIN, AND SEWER FORCE MAIN SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS.
- ALL GRAVITY SEWER MAINS (SS) SHALL BE PVC SDR-26 UNLESS OTHERWISE NOTED. ALL GRAVITY SEWER LATERALS SHALL BE PVC SDR-35 UNLESS OTHERWISE NOTED.
- ALL SEWER FORCE MAIN SHALL BE DIP UNLESS OTHERWISE NOTED (MIN. 3' OF COVER)
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW UTILITIES.
- CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION PIPE MATERIALS WHEN REQUIRED AND TO CONNECT TO BUILDING PLUMBING.
- ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.



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PROJECT TITLE
NORTH BROWARD
PREPARATORY SCHOOL
ATHLETIC & WELLNESS
CENTER - BUILDING 900

PROJECT NUMBER
R1002318.00

PROJECT LOCATION
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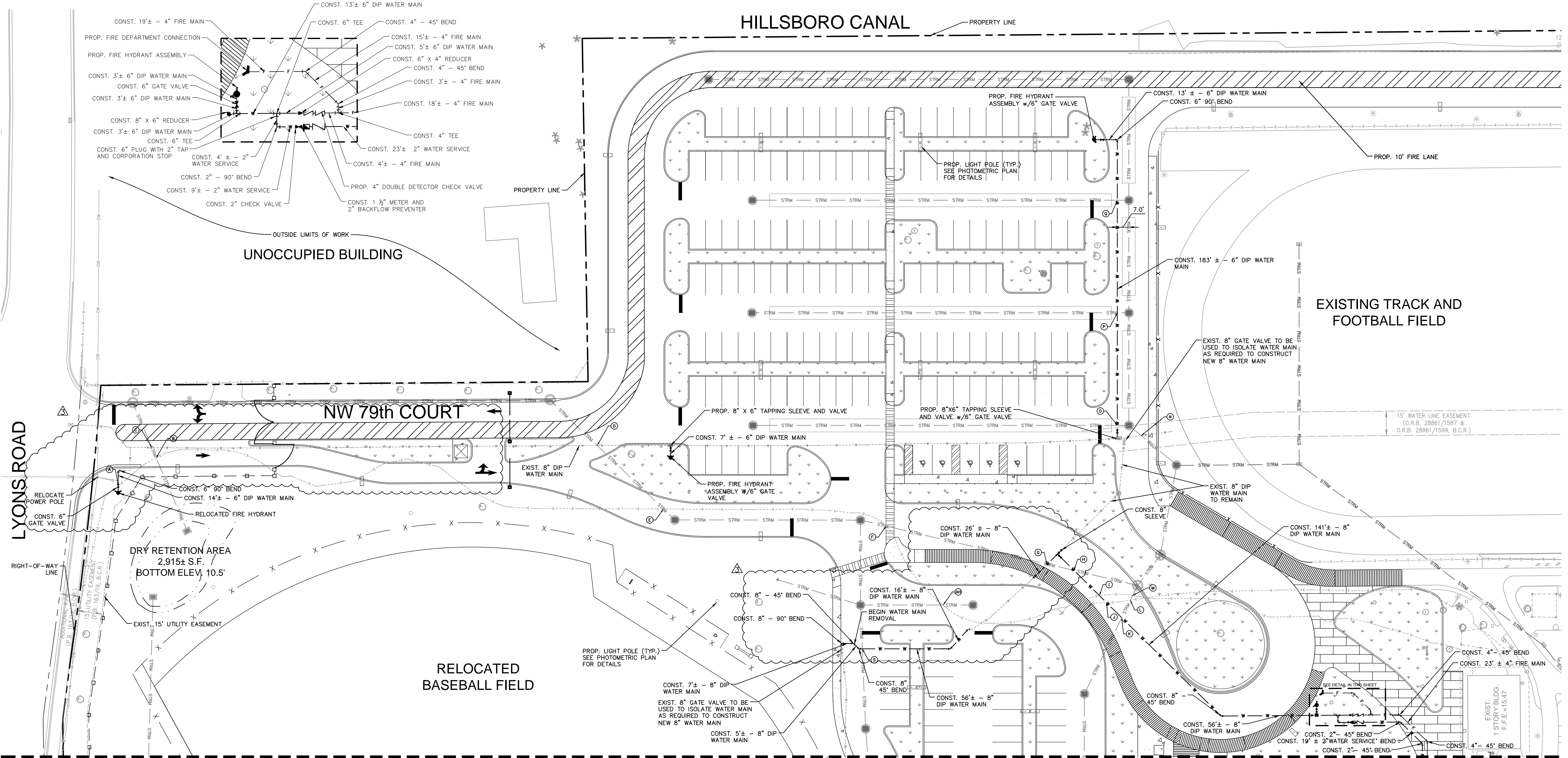
REVISIONS		
AA	03/26/15	
AA	04/23/15	
AA	05/11/15	

DESIGNER
JJ
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JAW
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JJ
SUBMITTAL PHASE /
SET DESCRIPTION
DRC ADMINISTRATIVE
APPROVAL (AA)
APPROVED

JASON A. WEBBER, P.E.
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TO THE BEST OF MY KNOWLEDGE, THE PLANS
AND SPECIFICATIONS COMPLY WITH THE
APPLICABLE MINIMUM BUILDING CODES AND
APPLICABLE MINIMUM LIFE SAFETY STANDARDS
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SHEET TITLE
UTILITY PLAN

SHEET NUMBER
C-401



SEE SHEET C-402 FOR CONTINUATION