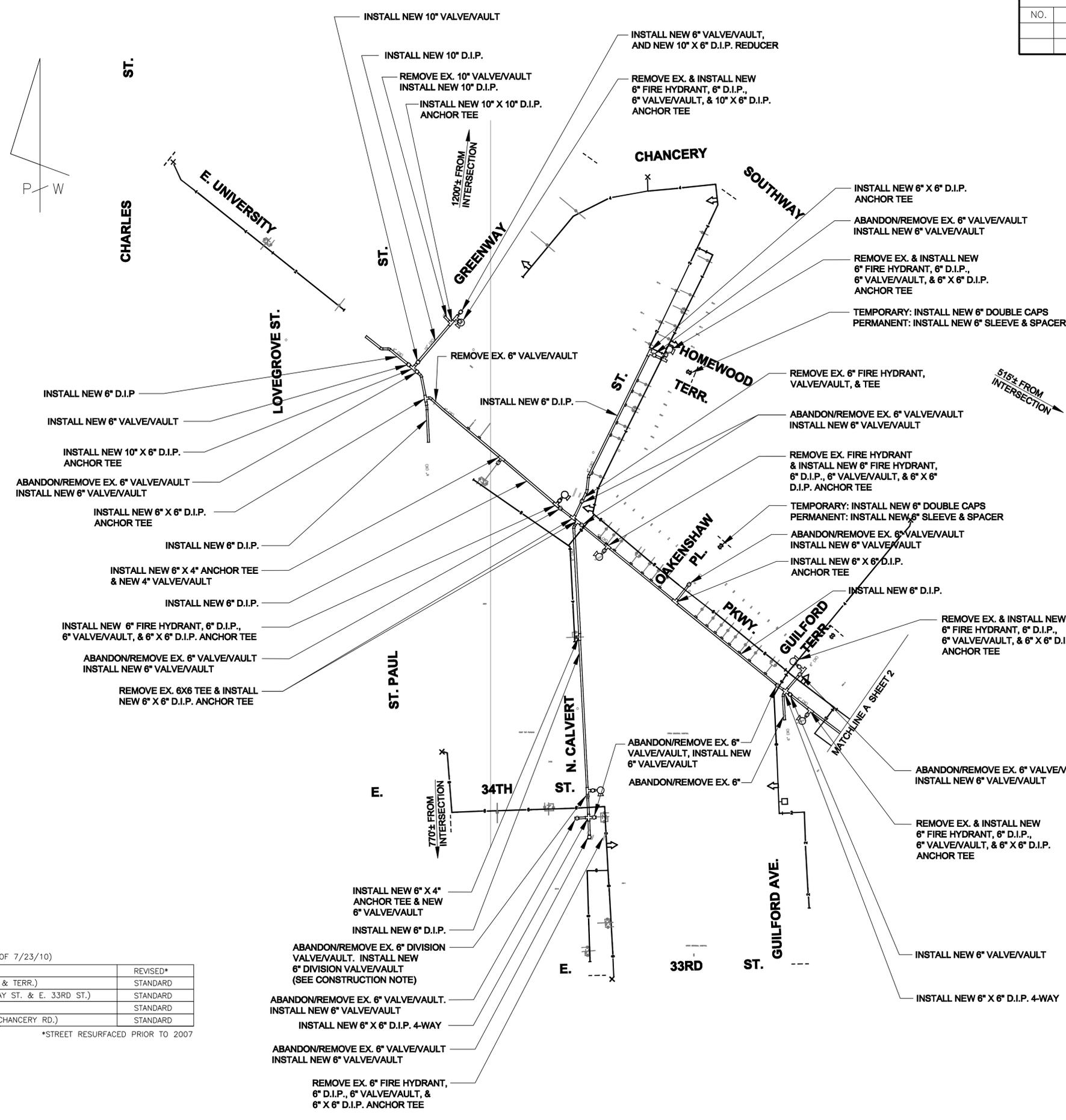


REVISIONS			
NO.	DESCRIPTION	DATE	BY

- GENERAL NOTES:**
- FOR REMOTE READ SERVICES, THE CONTRACTOR SHALL INSTALL A NEW METER SETTING ACCORDING TO THE BALTIMORE STANDARD DETAILS AND INSTALL A NEW METER VAULT AND CONNECT TO THE EXISTING SERVICE LEADS. THE CONTRACTOR SHALL REPLACE ALL GALVANIZED SERVICE LEADS WITH NEW COPPER FROM A NEW CORPORATION, MATCHING EXISTING SIZES.
 - THE CONTRACTOR SHALL REPLACE EXISTING GALVANIZED SERVICE LEADS WITH NEW COPPER SERVICE LEADS FROM A NEW CORPORATION, MATCHING EXISTING SIZES, AND INSTALL A NEW METER SETTING.
 - ALL NEW DUCTILE IRON PIPE, FITTINGS, VALVES, FIRE HYDRANTS SHALL BE RESTRAINED.
 - CONTRACTOR SHALL NOTE THE LOCATION OF DIVISION VALVES AND CLOSE ALL NEW DIVISION VALVES AFTER INSTALLATION.
 - THE CONTRACTOR SHALL NOTE THAT THE LOCATION SHOWN FOR EXISTING UTILITIES IS APPROXIMATE AND IS SHOWN FOR CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE MORE UTILITIES WITHIN THE LIMITS OF PROPOSED WORK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL THE UTILITIES IN THE FIELD PRIOR TO START OF THE PROPOSED WORK
 - WHEN A NEW FIRE HYDRANT IS TO BE INSTALLED AT A DIFFERENT LOCATION FROM THE EXISTING FIRE HYDRANT, THEN THE NEW FIRE HYDRANT MUST KEEP A MINIMUM OF 5' FROM ALL EXISTING UTILITY POLES, SIGN POSTS, AND UTILITY STRUCTURES.
 - NEW FIRE HYDRANTS TO BE USED AS BYPASS FEEDS SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF WATER MAIN.
 - THE CONTRACTOR SHALL RECONNECT ALL ACTIVE CONNECTIONS TO STEAM LINES USING THE SAME CONNECTION FITTING TYPE AND SIZE AS THE EXISTING.
 - THE EXISTING STREET PAVING AS OF 07/23/10 IS SHOWN IN THE TABLE. CONTRACTOR SHALL REPAIR STREET SURFACES ACCORDING TO THE DEPARTMENT OF TRANSPORTATION'S STANDARDS.

CONSTRUCTION NOTE:
 ALL DIVISION VALVES VAULTS SHALL BE FILLED WITH SAND AFTER THE OPERATING NUT HAS BEEN REMOVED. THIS AND ALL WORK RELATED TO ABANDONMENT AND/OR RELOCATION OF EXISTING DIVISION VALVES SHALL BE COORDINATED WITH MR. AUGUST SEVERN OF WATER ANALYZER OFFICE (WAO) AT 410-396-0239.



SYMBOLS

- 4 - BYPASS PIPING (SIZE AS SHOWN)
- ⊕ DESIGNATED FEED HYDRANTS
- ⊕ TEMPORARY FIRE HYDRANTS
- +— REDUCER ON BYPASS PIPING
- * DENOTES ARB'S (REMOTE READ METERS)
- ⊕ NEW FIRE HYDRANTS
- ⊕ NEW VALVES AND ROADWAY BOXES/VAULTS
- ⊕ NEW VALVES/SECTIONAL VAULTS
- BELOW GROUND FEEDS
- NEW METER SETTINGS
- NEW WATER SUPPLY SERVICES
- NEW DUCTILE IRON PIPING AND/OR FITTINGS

NEW PIPE MATERIAL: D.I.P. CL. 54
JOINT RESTRAINT: RESTRAIN ALL PIPES, FITTINGS, VALVES, AND FIRE HYDRANTS
JOINT INSULATION: INSTALL INSULATING COUPLING WHERE PIPES WITH DISSIMILAR METAL ARE CONNECTED.

STREET PAVING INDEX (AS OF 7/23/10)

100 BLOCK E. UNIVERSITY PKWY. (ST. PAUL ST. - N. CALVERT ST.)	REVISED*
200 BLOCK E. UNIVERSITY PKWY. (N. CALVERT ST. - GUILFORD AVE. & TERR.)	STANDARD
300 BLOCK E. UNIVERSITY PKWY. (GUILFORD AVE. & TERR. - BARCLAY ST. & E. 33RD ST.)	STANDARD
3400 BLOCK N. CALVERT ST. (E. 34TH ST. - E. UNIVERSITY PKWY)	STANDARD
3500 BLOCK N. CALVERT ST. (E. UNIVERSITY PKWY - SOUTHWAY & CHANCERY RD.)	STANDARD

*STREET RESURFACED PRIOR TO 2007

DRAWN BY: E. KIM
 CHECKED BY: N. SHAH
 ENGINEERED BY: OPINDER SINGH
 APPROVED BY:
 PLAT NO: Y-24, 25

CWO : 51512
 CHARGE NO.9960-910703-9557-900020-XXXXXX

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF WATER & WASTEWATER
 WATER CONTRACT NO. 1198

**UNIVERSITY PARKWAY VICINITY
 WATERMAIN REPLACEMENT
 PLAN**

SCALE: 1" = 100' DATE: NOVEMBER 17, 2010
 WATER & WASTEWATER ENGINEERING SHEET 1 OF 2

