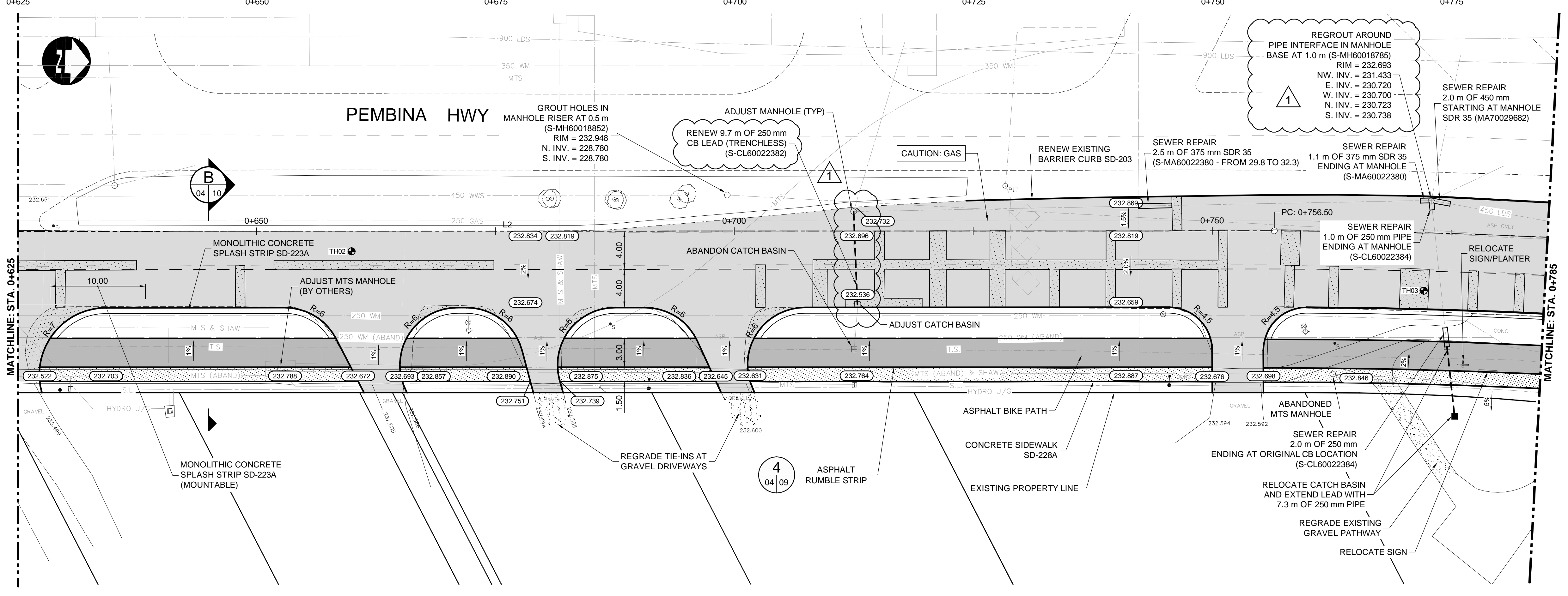


- CONSTRUCTION NOTES:**
1. ALL DIMENSIONS ARE TO BACK OF CURB.
 2. ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 3. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
 4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 5. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 6. CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
 7. LIMITS OF SIDEWALK RENEWAL TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 8. LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMAL NUMBERS INDICATE METRES

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



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| | | | | | | | | | | | | | | | | | |
|---------|---------------------|---------|----------------------|---------|---------------------|---------|---------------------|-------------|-----|------|--|--|--|---------------------------|----------------|----|----|
| 150 WM | WATERMAIN | 150 WM | CONCRETE | 150 WM | WATERMAIN | 150 WM | WATERMAIN | DESIGNED BY | TJH | | | | THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT PEMBINA HIGHWAY REHABILITATION AND ACTIVE TRANSPORTATION PATH NORTHBOUND PEMBINA - STA. 0+625 TO STA. 0+785 (PLAN-PROFILE) | CITY DRAWING NUMBER | P-3493-2018-04 | | |
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | ASPHALT | 300 LDS | LAND DRAINAGE SEWER | 300 LDS | LAND DRAINAGE SEWER | DRAWN BY | TJH | | | | | SHEET | 04 | OF | 10 |
| 250 WWS | WASTE WATER SEWER | 250 WWS | PLANING | 250 WWS | WASTE WATER SEWER | 250 WWS | WASTE WATER SEWER | CHECKED BY | TS | | | | | CONSULTANT DRAWING NUMBER | 17-6149 | | |
| 100 GAS | GAS | 100 GAS | SIDEWALK | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | | | | | DATE | | | |
| 150 MTS | M.T.S. | 150 MTS | PAVING STONES | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 300 LDS | LAND DRAINAGE SEWER | 300 LDS | PARTIAL DEPTH REPAIR | 300 LDS | HYDRANT | 300 LDS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 250 WWS | WASTE WATER SEWER | 250 WWS | DRAINAGE ARROW | 250 WWS | VALVE | 250 WWS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | APPROVED BY | TJP | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | DESIGNED BY | TJH | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | HYDRANT | DRAWN BY | TJH | DATE | | | | | | | |
| 150 MTS | M.T.S. | 150 MTS | DRAINAGE ARROW | 150 MTS | VALVE | 150 MTS | VALVE | CHECKED BY | TS | DATE | | | | | | | |
| 100 GAS | GAS | 100 GAS | PROPERTY LINE | 100 GAS | HYDRANT | 100 GAS | | | | | | | | | | | |