A. REFERENCED SPECIFICATIONS

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS: \* STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE
- ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
- \* STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;
- \* VILLAGE ÒF MUNICIPAL CODE; \* THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED
- MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL; \* IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

## **B. NOTIFICATIONS**

- 1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055 OR SEND EMAIL NOTIFICATION WITH PROJECT NAME, LOCATION AND PERMIT NUMBER TO WMOJOBSTART@MWRD.ORG).
- ENGINEERING DEPARTMENT AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS 2. THE VILLAGE OF PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- 3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

## C. GENERAL NOTES

- 1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONVERSION FACTOR IS FT.
- 2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- 3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- 4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- 5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- 6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- 7. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MWRD, AND OWNER.
- 8. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- 9. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- 10. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.
- D. SANITARY SEWER
- 1. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- 2. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- 3. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD. 4. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS
- FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).
- 5. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM.
- 6. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM.
- 7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:

- 8. ALL SANITARY SEWER CONSTRUCTION **REQUIRES STONE BEDDING WITH ST** TO 1/4 THE OUTSIDE DIAMETER OF -THAN EIGHT (8) INCHES. MATERIAL ABOVE THE TOP OF THE PIPE WHEN
- 9. NON-SHEAR FLEXIBLE-TYPE COUPLING OF DISSIMILAR PIPE MATERIALS.
- 10. ALL MANHOLES SHALL BE PROVIDED CONSTRUCTED WITH A CONCEALED CAST INTO THE LID.
- 11. WHEN CONNECTING TO AN EXISTIN AN EXISTING MANHOLE, ONE OF T a) A CIRCULAR SAW-CUT OF SEWE AND PROPER INSTALLATION OF b) REMOVE AN ENTIRE SECTION ( A WYE OR TEE BRANCH SECTION c) WITH PIPE CUTTER, NEATLY AN OF PROPER FITTING, USING "BA
- 12. WHENEVER A SANITARY/COMBINED DISTANCE FROM THE TOP OF THE S FURTHERMORE, A MINIMUM HORIZO SEWERS AND WATERMAINS SHALL TRENCH, KEEPING A MINIMUM 18" TRENCH WITH THE WATERMAIN LO EARTH, KEEPING A MINIMUM 18" VE DISTANCES DESCRIBED CANNOT BE THE SEWER SHALL BE CONSTRUCTED WATER MAIN QUALITY CARRIER PIP
- 13. ALL EXISTING SEPTIC SYSTEMS SHA GRANULAR MATERIAL OR REMOVED.
- 14. ALL SANITARY MANHOLES, (AND STO MINIMUM INSIDE DIAMETÉR OF 48 I CONCRETE.
- 15. ALL SANITARY MANHOLES, (AND STO PRECAST "RUBBER BOOTS" THAT CC SECTIONS SHALL CONSIST OF MODIA
- 16. ALL ABANDONED SANITARY SEWERS NON-SHRINK CONCRETE OR MORTAL
- 17. EXCEPT FOR FOUNDATION/FOOTING ASSOCIATED WITH VOLUME CONTRO PIPES ARE NOT ALLOWED TO BE CO SEWERS, OR STORM SEWERS TRIBU CONSTRUCTION OF NEW FACILITIES PERFORATED PIPES ENCOUNTERED SHALL NOT BE CONNECTED TO COM TO COMBINED SEWERS.
- 18. A BACKFLOW PREVENTER IS REQUIR REQUIRED BACKFLOW PREVENTERS OWNER TO ENSURE PROPER OPERAT ENSURE FUNCTIONALITY. IN THE EV TRIBUTARY TO COMBINED SEWERS, SEWAGE TAKES PLACE WITHIN 48 H

| <u>PIPE MATERIAL</u><br>VITRIFIED CLAY PIPE   | PIPE SPECIFICATIONS<br>ASTM C-700   | JOINT SPECIFICATIONS<br>ASTM C-425   | <u>E. EROSION AND SEDIMENT CONTROL</u><br>1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL DEVICES AS SHOW  |
|---|---|--|---|
| REINFORCED CONCRETE SEWER PIPE  | ASTM C-76   | ASTM C-443   | APPROVED EROSION AND SEDIMENT CONTROL PLAN.   |
| CAST IRON SOIL PIPE   | ASTM A-74   | ASTM C-564   | <ol> <li>EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PRIOR TO HYDROLOGI<br/>DISTURBANCE OF THE SITE.</li> </ol>  |
| DUCTILE IRON PIPE<br>POLYVINYL CHLORIDE (PVC) PIPE  | ANSI A21.51   | ANSI A21.11  | 3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION AND SEDIMENT CO<br>PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.   |
| 6-INCH TO 15-INCH DIÀMETER SDR 26<br>18-INCH TO 27-INCH DIAMETER F/DY=46  | ASTM D-3034<br>ASTM F-679   | ASTM D-3212<br>ASTM D-3212   | 4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED C<br>SITE AT ALL TIMES.   |
| HIGH DENSITY POLYETHYLENE (HDPE)  | ASTM D-3350<br>ASTM D-3035  | ASTM D-3261,F-2620 (HEAT FUSION<br>ASTM D-3212,F-477 (GASKETED)  | )<br>5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:   |
| WATER MAIN QUALITY PVC<br>4-INCH TO 36-INCH<br>4-INCH TO 12-INCH  | ASTM D-2241<br>AWWA C900  | ASTM D-3139<br>ASTM D-3139   | <ul> <li>a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL MEASURES, PRIOR TO SOIL DISTURBANCE.</li> <li>b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STOR</li> </ul>   |
| 14-INCH TO 48-INCH  | AWWA C905   | ASTM D-3139  | WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.<br>6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.   |
| THE FOLLOWING MATERIALS ARE ALLOW<br>APPROVAL PRIOR TO PERMIT ISSUANCE.<br>THE PIPE MATERIAL BELOW IS USED FOR  | A SPECIAL CONDITION WIL   | L BE ADDED TO THE PERMIT WHEN  | IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE CO-<br>SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.   |
| <u>PIPE MATERIAL</u><br>POLYPROPYLENE (PP) PIPE   | PIPE SPECIFICATIONS   | JOINT SPECIFICATIONS   | 7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF THE ILLINOIS URBAN M<br>SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONS<br>SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OF<br>AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT<br>TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. |
| 12-INCH TO 24-INCH DOUBLE WALL<br>30-INCH TO 60-INCH TRIPLE WALL  | ASTM F-2736<br>ASTM F-2764  | D-3212, F-477<br>D3212, F-477  | 8. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLING<br>URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONSTRUCTION ACTIVITIE<br>CONCRETE.   |
|   |   |  | 9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO CONCRETE WASHO<br>FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRUCTION ACTIVITIES.   |
| TO 1/4 THE OUTSIDE DIAMETER OF TH   | NE ¼ ″ TO 1″ IN SIZE, WITI<br>E SEWER PIPE, BUT NOT LES   | H MINIMUM BEDDING THICKNESS EQUAL  | 10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF F<br>HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. VOLU<br>CONTROL FACILITIES SHALL NOT BE USED AS TEMPORARY SEDIMENT BASINS.  |
| 9. NON-SHEAR FLEXIBLE-TYPE COUPLING<br>OF DISSIMILAR PIPE MATERIALS.  | SING PVC.   |  | 11. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR<br>PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES<br>SEVEN (7) DAYS.   |
| 10. ALL MANHOLES SHALL BE PROVIDED  |   |  | 12. ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHALL, AT A MINIMUM, E<br>PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).   |
| CONSTRUCTED WITH A CONCEALED F<br>CAST INTO THE LID.  | ICKHOLE AND WATERTIGHT  | GASKET WITH THE WORD "SANITARY"  | 13. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL OF THE CONTRIBUTI<br>DRAINAGE AREA HAS BEEN STABILIZED.  |
| 11. WHEN CONNECTING TO AN EXISTING<br>AN EXISTING MANHOLE, ONE OF THE<br>a) A CIRCULAR SAW-CUT OF SEWER   | FOLLOWING METHODS SHA   |  | 14. SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIMETER SEDIMENT CONT<br>SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS OR THEIR BUFFERS  |
| AND PROPER INSTALLATION OF  | HUBWYE SADDLE OR HUB-TI<br><sup>:</sup> PIPE (BREAKING ONLY THE   |  | 15. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPROPRIATE EROSION CO<br>BLANKET.  |
| c) WITH PIPE CUTTER, NEATLY AND   | ACCURATELY CUT OUT DES  | SIRED LENGTH OF PIPE FOR INSERTION<br>LINGS TO HOLD IT FIRMLY IN PLACE.  | 16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROBY APPROPRIATE SEDIMENT CONTROL MEASURES.  |
| 12. WHENEVER A SANITARY/COMBINED S<br>DISTANCE FROM THE TOP OF THE SE<br>FURTHERMORE, A MINIMUM HORIZON<br>SEWERS AND WATERMAINS SHALL BE<br>TRENCH, KEEPING A MINIMUM 18" VE | WER TO THE BOTTOM OF THE BOTTOM OF THE NTAL DISTANCE OF 10 FEET<br>MAINTAINED UNLESS: THE RETICAL SEPARATION; OR SEPARATION; O | HE WATERMAIN SHALL BE 18 INCHES.<br>BETWEEN SANITARY/COMBINED<br>SEWER IS LAID IN A SEPARATE<br>HE SEWER IS LAID IN THE SAME                   | 17. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING DRAIN TILES AND INC<br>THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES CANNOT BE TRIBUT<br>SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINED SEWER AREA FOR<br>GREEN INFRASTRUCTURE PRACTICES.  |
| TRENCH WITH THE WATERMAIN LOCA<br>EARTH, KEEPING A MINIMUM 18" VER<br>DISTANCES DESCRIBED CANNOT BE M<br>THE SEWER SHALL BE CONSTRUCTED<br>WATER MAIN QUALITY CARRIER PIPE    | TICAL SEPARATION. IF EIT<br>MAINTAINED, OR THE SEWER<br>TO WATER MAIN STANDAR   | HER THE VERTICAL OR HORIZONTAL<br>R CROSSES ABOVE THE WATER MAIN,  | 18. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS<br>BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SYSTEMS SHOULD BE I<br>DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE PRESENT AT THE<br>COMMENCEMENT OF DEWATERING ACTIVITIES.   |
| 13. ALL EXISTING SEPTIC SYSTEMS SHAL<br>GRANULAR MATERIAL OR REMOVED.   | l be abandoned. Abandon   | NED TANKS SHALL BE FILLED WITH   | 19. THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AND EXCAVATION FOR<br>INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS AS WELL AS THEIR SE<br>AND OTHER APPURTENANCES. ANY TRENCH DEWATERING, WHICH CONTAINS SEDIMENT SH  |
| 14. ALL SANITARY MANHOLES, (AND STO<br>MINIMUM INSIDE DIAMETER OF 48 IN<br>CONCRETE.  | RM MANHOLES IN COMBINE<br>ICHES, AND SHALL BE CAST  | D SEWER AREAS), SHALL HAVE A<br>IN PLACE OR PRE-CAST REINFORCED  | THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIMENT CONTROL DEVIC<br>ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER BAG OR EXISTING VEC<br>UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE TO WATERWAYS, FLO<br>PROTECTION AREAS OR THE COMBINED SEWER SYSTEM.   |
| 15. ALL SANITARY MANHOLES, (AND STO<br>PRECAST "RUBBER BOOTS" THAT CON<br>SECTIONS SHALL CONSIST OF MODIF   | FORM TO ASTM C-923 FOR  | ALL PIPE CONNECTIONS. PRECAST  | 20. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED WITHIN SEVEN (7) DAY<br>FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES.  |
| 16. ALL ABANDONED SANITARY SEWERS<br>NON-SHRINK CONCRETE OR MORTAR  |   | H ENDS WITH AT LEAST 2 FEET LONG   | 21. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS<br>ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SH<br>UNTIL PERMANENT STABILIZATION IS ACHIEVED.   |
| PIPES ARE NOT ALLOWED TO BE CON<br>SEWERS, OR STORM SEWERS TRIBUT<br>CONSTRUCTION OF NEW FACILITIES<br>PERFORATED PIPES ENCOUNTERED W   | L FACILITIES, DRAIN TILES/<br>NECTED TO OR TRIBUTARY<br>ARY TO COMBINED SEWERS<br>OF THIS TYPE IS PROHIBITE<br>/ITHIN THE PROJECT AREA S  | FIELD TILES/UNDERDRAINS/PERFORATED<br>TO COMBINED SEWERS, SANITARY   | <ol> <li>ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN<br/>THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.</li> <li>THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMU<br/>REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEE<br/>SITE INSPECTOR, OR MWRD.</li> </ol>  |
| 18. A BACKFLOW PREVENTER IS REQUIRE<br>REQUIRED BACKFLOW PREVENTERS S<br>OWNER TO ENSURE PROPER OPERATI<br>ENSURE FUNCTIONALITY. IN THE EVE                                   | HALL BE INSPECTED AND EX<br>ION, AND ANY NECESSARY M<br>INT OF A SEWER SURCHARG<br>THE PERMITTEE SHALL ENSU   | KERCISED ANNUALLY BY THE PROPERTY<br>1AINTENANCES SHALL BE PERFORMED TO<br>E INTO AN OPEN DETENTION BASIN<br>JRE THAT CLEAN UP AND WASH OUT OF |   |
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## TECHNICAL GUIDANCE MANUAL

## MWRD GENERAL NOTES

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