



TOWN OF WEST YELLOWSTONE

DESIGN STANDARDS AND SPECIFICATIONS

JANUARY 2026

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TOWN OF WEST YELLOWSTONE PUBLIC WORKS STANDARDS

1.0 INTRODUCTION

The following is a listing of minimum standards applicable to all public works projects conducted in and for the Town of West Yellowstone (TOWY or Town). The list is not intended to be all inclusive nor limited to the items listed, but rather is to set minimum standards, philosophies and level of quality for materials to assure reliable and maintainable public works facilities in the town. Wherever standards or code books are referred to, the most recent edition of said standard shall apply. These standards do not preclude the Town from requiring more stringent or alternate project specific requirements based on individual project reviews.

2.0 MINIMUM STANDARDS

- Montana Public Works Standard Specifications
- International Building Code (IBC)
- International Residential Code (IRC)
- International Fire Code (IFC)
- Uniform Plumbing Code (UPC)
- American Waterworks Association Standards (AWWA)
- Montana Department of Environmental Quality (MDEQ) (includes all DEQ Circulars)

3.0 WARRANTY AND BONDS

3.1 Performance Bond

Developers are required to secure a performance bond for all public infrastructure work. The performance bond shall be based on construction costs and shall be certified and stamped by the design engineer.

3.2 Warranty

The Contactor and/or Developer shall guarantee all public infrastructure work for a period of two years from the date of acceptance by the TOWY. A one- and two-year warranty walkthrough is required.

3.3 Maintenance Bonding

Prior to acceptance of publicly maintained infrastructure, the Contactor shall post a Maintenance Bond with the Owner equal to 20 percent of the actual

cost of the improvements to correct any deficiencies in workmanship and/or materials which are found within the warranty period. The TOWY shall be named a dual obligee on the bond. The TOWY expressly reserves the right to draft the Maintenance Bond for repairs not completed by the Property Owner, Developer, or Contractor within 30 days of being advised that repairs are required.

4.0 WATER SYSTEM

4.1 General Water System

- 1) Connection to town water system is required
- 2) Only Town personnel to operate system valves
- 3) 24-hour notice is required prior to performing any work on TOWY water system infrastructure
- 4) Street cuts are prohibited
 - a. Cutting of existing paved streets prohibited, directional boring, jacking, or pushing under streets required
- 5) Design and construction shall be in accordance with the West Yellowstone Municipal Code Section 13.04 (Water Supply System)

4.2 Water Main

- 1) Minimum Class 51 wall thickness meeting AWWA C151 Ductile Iron Pipe
- 2) 8-inch minimum diameter
- 3) Minimum cover of water mains shall be 7.0 feet
- 4) Where 7.0 feet of cover over water mains is not achievable, lesser depths may be approved by the Town Engineer with proper insulation (TOWY Standard Drawing 02620-2)
- 5) Mechanical or push-on joints meeting AWWA C111
- 6) Cadd welded between pipes and all fittings or a minimum of three bronze conductive wedges (continuity of system)
- 7) Cement mortar lined
- 8) Pipe location to be under sidewalk or in alleys for future accessibility, exceptions are where pipelines must cross under paved roadways
- 9) No dead-end lines, all main lines must be looped
- 10) Metal backed warning tape and locate wire required
- 11) Insulate all road crossings with rigid insulation (TOWY Standard Drawings 02620-2)

4.3 Valves and Fittings

- 1) AWWA C509 and C515 Resilient seated gate valve (Mueller 2360 or American Flow Control Series Waterous 2500)

- 2) One valve operator key per every ten (10) valves
- 3) AWWA C153 Ductile iron mechanical joint fittings with minimum restraint lengths based on 200 pounds per square inch pressure
- 4) All valves and fittings shall be welded to main line piping or a minimum of three bronze conductive wedges
- 5) Tyler type 6850 valve boxes and covers (marked "water")
- 6) Thrust blocks are required at all connections to the existing system and at all vertical bends. Joint restraint gaskets and/or fittings may be used in lieu of concrete thrust blocks in other situations with Town approval. The Town reserves the right to require thrust blocks on any fittings.

4.4 Fire Hydrants

- 1) Furnish American Flow Control Waterous Pacer 5 1/4" flanged inlet, one 5" Storz connection and two 2 1/2" hose connections AWWA C502
- 2) 7-foot bury depth with 2-foot extension
- 3) Resilient seated gate valve for isolation
- 4) 2-to-3-inch diameter by 8-foot natural pole for location mark
- 5) Lead line length not to exceed 15 feet unless approved by Town
- 6) Minimum spool length between hydrant and auxiliary valve shall be three feet

4.5 Services

- 1) Services to be sized per the Uniform Plumbing Code on a fixture unit basis
- 2) Minimum service size is 1-inch
- 3) Minimum cover of water mains shall be 7.0 feet
- 4) Where 7.0 feet of cover over water mains is not achievable, lesser depths may be approved by the Town with proper insulation (TOWY Standard Drawing 02620-2)
- 5) Inventory sheet and permit required per each individual service
- 6) Schedule K copper or class 200 polyethylene pressure pipe with a DR of 9 (copper tubing size) service line to property line
- 7) Furnish flat, double strap, bronze service saddle (Mueller BR 2 B Series or equal)
- 8) AWWA corporation stop at main (Mueller B-2508N or equal)
- 9) Mueller Oriseal curb stop (teflon coated ball valve)
- 10) One curb stop key required per every ten (10) valves
- 11) Dielectric unions required where change of service line materials
- 12) Reduced pressure type backflow preventors required if private well to remain in service
- 13) Service curb stops shall be placed perpendicular to the water main and eight feet inside the property line

- 14) A backflow prevention device is required on all services including domestic buildings, commercial buildings, irrigation services, and hose connections to mobile homes or recreational vehicles.

4.6 Meters

- 1) Install TOWY provided Neptune meter with E-Coder reader
- 2) Meter to be installed in heated space adjacent to exterior wall on the street side of the structure
- 3) Meter location is required to be reviewed, tested, and approved by the TOWY
- 4) Meter assembly shall include a backflow prevention device
- 5) Ball valves shall be located on each side of meter and check valve assembly
- 6) Meter and register to be readily accessible

5.0 SEWER SYSTEM

5.1 General Sewer System

- 1) Connection to town sewer system is required
- 2) 24-hour notice is required prior to performing any work on TOWY sewer system infrastructure
- 3) Street cuts are prohibited
 - a. Cutting of existing paved streets prohibited, directional boring, jacking, or pushing under streets required
- 4) Design and construction shall be in accordance with the West Yellowstone Municipal Code Section 13.08 (Sewage Disposal System)

5.2 Sewer Pipe

- 1) SDR 35 PVC Pipe meeting ASTM D3034
- 2) 8-inch minimum diameter
- 3) Minimum slope of two (2) feet per section for self-cleaning velocity
- 4) Metal backed warning tape required

5.3 Sewer Service

- 1) SDR 26 PVC Pipe meeting ASTM D3034
- 2) 4-inch minimum diameter
- 3) Metal backed water tape required to building
- 4) Grease interceptors shall be installed on all services as required per code
- 5) Where grease interceptors are not required by code, grease traps shall be installed on all commercial services lines selling any food or drink

5.4 Sewer Manholes

- 1) Precast required
- 2) Smooth covers with pick holes marked "Sewer", D&L Foundry A-1178 or equivalent

6.0 STORM DRAIN SYSTEM

6.1 General Storm Drain System

- 1) Connection to town storm drain system can only be made with specific approval from the TOWY
- 2) 24-hour notice is required prior to performing any work on TOWY storm drain system infrastructure
- 3) Street cuts are prohibited
 - a. Cutting of existing paved streets prohibited, directional boring, jacking, or pushing under streets required
- 4) Design and construction shall be in accordance with the West Yellowstone Municipal Code Section 13.12 (Storm Sewer Facilities)

6.2 Storm Drain Pipe

- 1) Class III minimum bell and spigot concrete meeting ASTM C76
- 2) 12-inch minimum for private services and inlet laterals
- 3) 15-inch minimum for storm drain mains
- 4) Storm drain pipe shall be designed to maintain three to ten feet per second design velocities
- 5) Designated by modified Rational Method approach, NRCS (SCS) Method, or EPA SWMM Method as appropriate for the development size, capability of carrying a 10-year event without surcharge.

6.3 Catch Basins

- 1) Precast concrete required with 18-inch sump
- 2) 12-inch minimum for inlet laterals
- 3) Manhole is required at each inlet connection to the main
- 4) Curb inlet to match adjacent curb.
- 5) Standard curb inlet casting to be Neenah R-3067-L, EJIW 7030, Deeter 2047L, or D&I I-3517
- 6) Rolled curb inlet casting to be same as standard curb inlet with maximum 3.5-inch height from top of hood to flowline of curb

6.4 Manholes

- 1) Precast concrete required
- 2) Smooth covers with pick holes marked “Storm Drain”, D&L Foundry A-1178 or equivalent

7.0 STREETS

7.1 Right-of-Way and Pavement Width Minimums

- 1) Local Streets
 - a. 47-foot back of curb to back of curb width
 - b. 75-foot right-of-way width
- 2) Commercial Streets
 - a. 80-foot back of curb to back of curb width
 - b. 100-foot right-of-way
- 3) Local Parkways
 - a. 43-foot gravel access width
 - b. 60-foot right-of-way
- 4) Commercial Parkways
 - a. 30-foot gravel access width
 - b. 50-foot right-of-way width
 - c. 200-foot (E/W) by 250-foot (N/S) parks centered in blocks
- 5) The TOWY reserves the right to adjust the above minimum standards for specific projects as deemed necessary

7.2 Street Construction Standards

- 1) Local Streets
 - a. Three inches of plant mixed pavement
 - b. Six inches of gravel base material
 - c. Gravel subbase thickness, geotextile fabric, and subgrade compaction to be based on geotechnical report and anticipated traffic but not less than 50,000 equivalent single axle loads
 - d. Asphalt to be 58-28 (AASHTO Performance Graded Binder Specification MP-1)
- 2) Commercial Streets / Collectors / Arterials
 - a. Four inches of plant mixed pavement
 - b. Six inches of gravel base material
 - c. Gravel subbase thickness, geotextile fabric, and subgrade compaction to be based on geotechnical report and anticipated traffic but not less than 50,000 equivalent single axle loads.

- d. Asphalt to be 58-28 (AASHTO Performance Graded Binder Specification MP-1)
- 3) Parkways
- a. Six inches of gravel base material
 - b. Gravel subbase thickness, geotextile fabric, and subgrade compaction to be based on geotechnical report and anticipated traffic
- 4) Curb and Gutter
- a. Provide “Rolled” curb and gutter per TOWY Standard Drawing 02528-1 on local streets
 - b. Provide “Standard” curb and gutter per TOWY Standard Drawing 02528-1 on commercial streets, collectors, and arterials
 - c. Minimum 4,500 pounds per square inch compressive strength
 - d. Number 4 reinforcing bars curbs at accesses
 - e. Minimum slope 0.7% (unless approved by Town Engineer)
- 5) Sidewalks
- a. Minimum 4,500 pounds per square inch compressive strength
 - b. Sidewalk mix design shall be approved by the Town Engineer
 - c. Concrete aggregate material shall be sourced outside the Madison River drainage area (Wear Test 40%, Degradation 45%)
 - d. Decorative style to match existing; 30-inch maximum squares broomed in alternate directions
 - e. Six-inch minimum thickness with wire reinforcing or fibermesh in driveway areas or where heavy traffic or plowing is anticipated. Dowel into adjacent concrete when repairing sidewalk in damaged driveway areas
 - f. Five-foot minimum width in residential areas
 - g. Ten-foot minimum width in commercial areas
 - h. No encroachments per existing Town Ordinance
- 6) Commercial/Downtown Street Corner Sidewalk Beautification
- a. Install brick pavers in accordance with the Town Master Plan at conversation areas, commercial corners, curb bulbs, and at block outs for lighting/illumination
 - b. Brick pavers to be Wescon keyhole style to match existing conditions in town
 - c. 4,500 pounds per square inch compressive strength
 - d. Sand bed, compact, and install per the manufactures recommendations.

- 7) Street Lights
 - a. Light and poles shall match existing Town Standard light pole (TOWY Standard Drawing 03310-1)

8.0 PARKING LOTS

8.1 Intent

Developers and/or private individuals shall have the right to develop public parking areas within Town alleys and interior block areas, provided such action is in accordance with all provisions of these standards, is approved by action of the Town Council, and is issued a permit for construction from the Town Clerk.

8.2 Right of Review

Any proposal by any person(s), organizations or entities to use Town-owned property or rights-of-way for the purpose of developing parking facilities shall be subject to review by the Town and/or their designated engineering representative for conformance to the overall masterplan for parking development and these standards as set forth herein.

8.3 Master Plan

Public parking facilities proposed for development on Town owned property or rights-of-way shall be developed in conformance to each of the following provisions. Certain of these provisions are more thoroughly described in subsequent sections of this standard.

- 1) The surfacing section will be constructed of hot plant mix pavement or nonreinforced concrete, each with a crushed gravel base
- 2) Paved areas are to be built on minimum slopes and storm drainage facilities shall be provided that are designed by a registered professional engineer
- 3) Storm drainage inlets will be located at certain points (generally interior corners of park areas) located out of traveled areas to avoid problems with snow packing
- 4) Pavement markings delineating parking areas shall be provided.
- 5) A five (5) foot wide non-paved buffer zone shall be provided adjacent to all private properties for accommodation of utilities.
- 6) Provision shall be made where necessary to accommodate future parking lot lighting

- 7) Coordination with all utilities is required and evidence of coordination shall be provided with final plans
- 8) Existing asphalt or other existing improvements in public rights-of-way damaged by construction shall be repaired to a condition equal or better than original

8.4 Storm Drainage Facilities

Storm drainage facilities shall be designed and constructed in accordance with the following provisions:

- 1) Pipe in public rights-of-way shall be a minimum of 12-inch diameter for private services and laterals and 15-inch diameter for mains, Class III reinforced concrete
- 2) Storm drain pipe shall be designed to maintain three to ten feet per second design velocity
- 3) Ten-inch Class III non-reinforced concrete pipe may be used in specific hardship situations, provided at least two feet of cover can be maintained and specific approval is granted by the Town
- 4) Class A compaction required (95% ASTM D-698)
- 5) Catch basins shall meet the provisions of the Town Standards
- 6) Inlets shall conform with the Town Standards (curb inlet type preferred) or be specifically reviewed and approved by the Town Engineer
- 7) Manholes shall be provided at all changes in pipe direction and may be required to have stubouts for future connections, based on the Engineer's review and recommendations
- 8) Use of temporary dry wells is permissible, provided that stubouts for future piping connections are provided and the installation of the dry well is approved by County, State, and (where applicable) Federal agencies (preferred practice is to have the dry well conform to the standard catch basin or manhole configuration and perforated piping installed exterior to the structure that can be later replaced with regular piping when permanent connection to the storm drain system is accomplished)
- 9) Storm drainage piping shall be connected to the back of existing catch basins generally located at the alley entrance to Town streets
- 10) Connections shall be made such that the pipe invert of the new system is no lower than the pipe invert of the catch basin leading to the Town's storm drainage system
- 11) New pipe connection shall be grouted both interior and exterior to the catch basin
- 12) Sidewalk disturbed for connection to catch basins shall be held to a minimum area and be replaced in accordance with existing Town Standards (See Section 7.2.5). Among these requirements are 4,500

psi concrete, concrete aggregates from outside the Madison River drainage area, wire reinforcing in alley approaches, and fiber mesh reinforcing in the concrete mix. Doweling into adjacent remaining sections of sidewalk may also be required to assure continuity between new and old sections

8.5 Pavement

Parking lot pavement shall meet the minimum local street standards outlined in section 7.2.1. and the following provisions:

- 1) A minimum of 1.5 percent (1.0 percent minimum with justification and Town Engineer Approval) surface slope shall be design in a least one direction and be designed to collect water at catch basin areas while not allowing any drainage onto adjacent properties or surface ponding during the 10-year design storm
- 2) Concrete pavement may be proposed as an alternate with the following requirements
 - a. Meet the requirements of existing Town standards
 - b. Eight-inch thickness minimum unless a specific design by a registered Montana professional engineer indicates adequate legal highway loading capacity
 - c. Proposed mix design shall be provided and approved by the Town Engineer prior to construction
 - d. Placing and finishing shall be per current Montana Department of Transportation Specifications

8.6 Lighting

The masterplan includes future lighting in alley parking areas. Provision shall be made in construction to accommodate such future lighting systems, including the placement of electrical conduit where necessary (as directed by the Town) under areas to be paved. Any lighting installed by the developer shall meet the standards for such as set forth in the Town Public Works Standards. Underground service is required and light poles installed shall be protected by bollards or other positive means for reducing collisions.

8.7 Future Utilities

The developer shall recognize that Town Parkways / Alleys are the main utility corridor and shall not prohibit future utility installation/repair by the proposed parking or paving improvements. Provision shall be made for accommodation of future utilities by providing a 5 ft. minimum width of unpaved area adjacent to private properties. Alternately, the area can be paved to match planned

improvements but the developer shall be responsible for all necessary pavement repair arising from the installation of Town-approved utility work. This provision shall remain in effect until such time as the Town establishes a mechanism for maintenance of developer-paved areas in the interior block and alley areas and accepts responsibility for them.

8.8 Maintenance

Developers shall be responsible to maintain improvements they construct in Town-owned interior block areas and alleys until the Town establishes a mechanism for maintenance of these areas and accepts responsibility for them. This includes, but is not necessarily limited to, snow removal, cleaning, sweeping, repairing, crack sealing, etc. Evidence of accepting this provision shall be documented by a written agreement with the Town to be developed and executed at the time of final approval.

8.9 Miscellaneous Provisions

The following provisions may also be required prior to plan approval:

- a. Utility covers shall be adjusted to final grade and shall be encircled with a concrete ring in paved areas. The ring will include reinforcement as per current Town Public Works Standards
- b. A bond for sidewalk repair is required whenever existing sidewalks and/or curbs will be disturbed and shall be posted at the Town offices prior to receiving plan approval
- c. The Town reserves the right to review plans for storm drainage facilities on private property that are proposed to be connected to the Town storm drain system in order to assure no negative impacts to the Town's system will result from the proposed design, materials, or construction methods

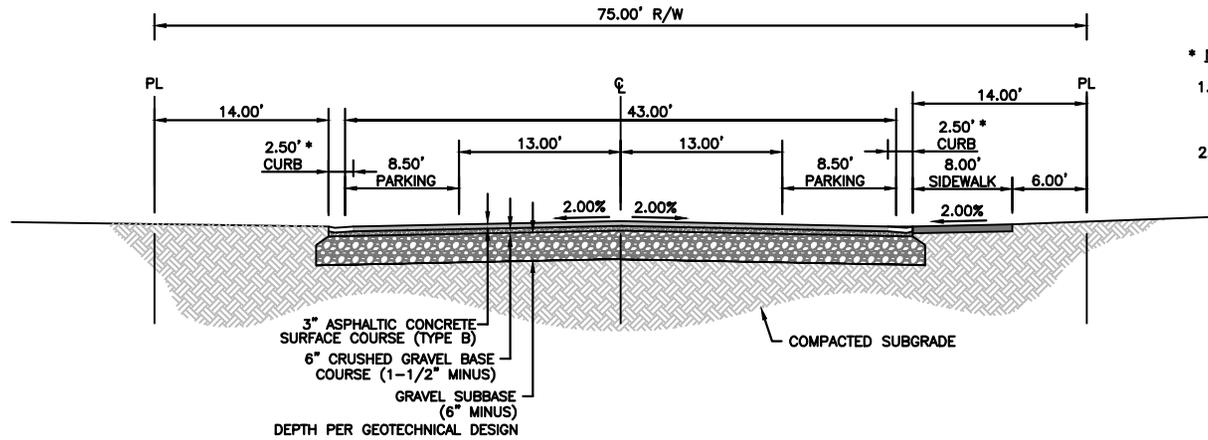
8.10 Permit Required

A permit from the Town of West Yellowstone is required prior to any construction occurring within public rights-of-way. This permit shall constitute written approval from the Town for the proposed plans that have been submitted. The Developer and/or his designated representative shall appear in person to obtain the written permit from the Town, at which time final coordination on such items as construction schedule, maintenance of access, utility avoidance, Town utility interference, and other similar issues can be addressed.

8.11 Warranty and Bonds

The Contactor and/or Developer shall meet the requirements of Section 3.0 of these Standards for any improvements in the public right-of-way or that will be owned, operated, and maintained by the Town of West Yellowstone.

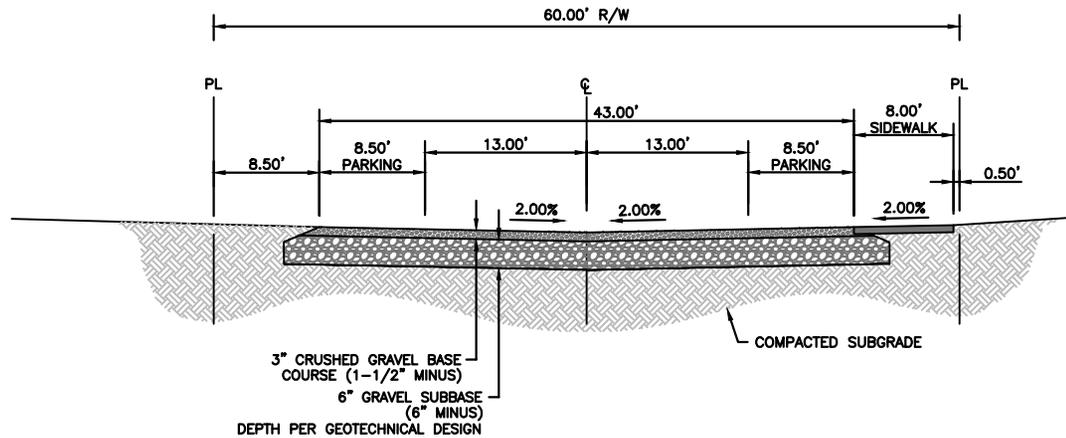
-END OF PUBLIC WORKS STANDARDS-



*** NOTES:**

1. CURB IN TOWN OF WEST YELLOWSTONE RIGHT OF WAY TO BE 2.5' WIDE LOW PROFILE CURB. SEE STD. DWG 02528-1
2. CURB IN MDT RIGHT OF WAY TO BE 2.0' WIDE STANDARD CURB. SEE STD. DWG 02528-1

TYPICAL ASPHALT STREET SECTION
(WEST YELLOWSTONE R/W)



TYPICAL GRAVEL DRIVE SECTION
(PARKWAYS)



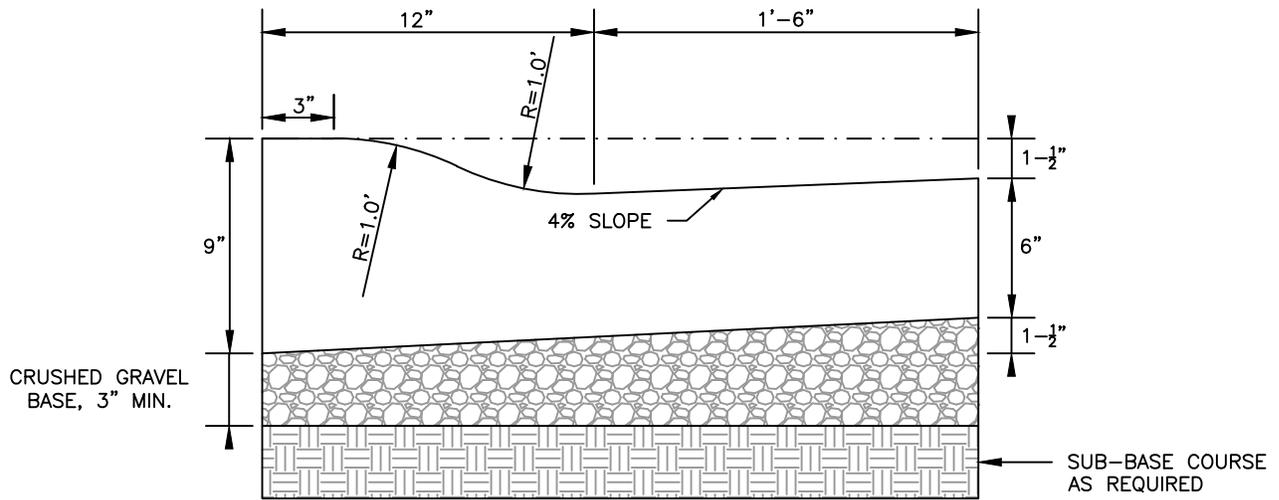
TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

TYPICAL ROAD SECTION DETAILS

NO. 02500-1
10/2025

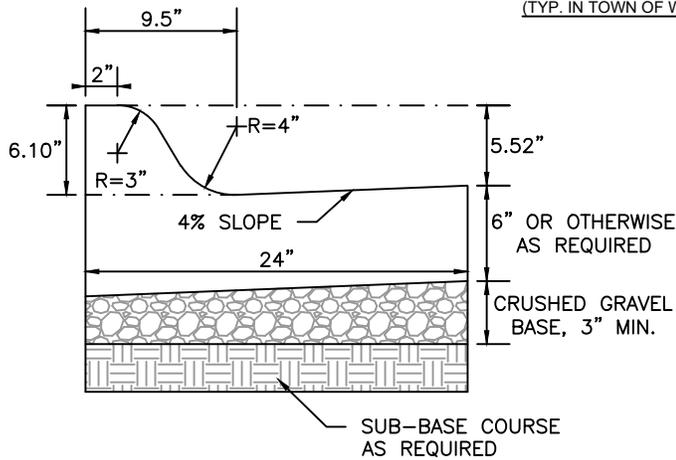


tdengineering.com

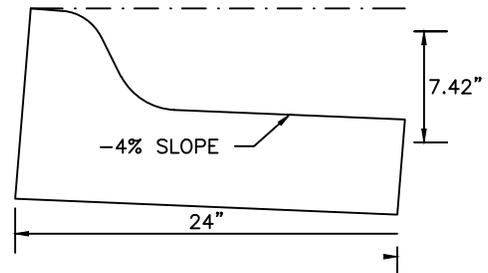


TYPE A CURB & GUTTER DETAIL - LOW PROFILE

(TYP. IN TOWN OF WEST YELLOWSTONE R/W)



CATCH CURB



SPILL CURB

TYPE B CURB & GUTTER DETAIL - STANDARD

(TYP. IN TOWN OF MDT R/W)

NOTES:

1. SUBGRADE OR BASE COURSE COMPACTION SHALL CONFORM TO SECTION 02230 (MPWSS).
2. CONTRACTION JOINTS SHALL BE PLACED AT 10' INTERVALS AND SHALL HAVE A MINIMUM DEPTH OF 3/4" AND MINIMUM WIDTH OF 1/8".
3. 1/2" EXPANSION JOINT MATERIAL SHALL BE PLACED AT ALL P.C.S, P.T.S, CURB RETURNS AND AT NOT MORE THAN 300' INTERVALS. THE EXPANSION MATERIAL SHALL EXTEND THROUGH THE FULL DEPTH OF THE CURB AND GUTTER.
4. NO CURB AND GUTTER SHALL BE PLACED WITHOUT A FORM AND/OR STRINGLINE INSPECTION BY THE TOWN OF WEST YELLOWSTONE OR A THIRD PARTY INSPECTOR APPOINTED BY THE TOWN.
5. CONCRETE SHALL BE M-4500.
6. CRUSHED GRAVEL BASE SHALL MEET THE REQUIREMENTS OF SECTION 02235 (MPWSS) FOR CURB AND GUTTER REPLACEMENT PROJECTS.
7. STANDARD CATCH CURB SHALL MATCH DIMENSIONS OF MONTANA DEPARTMENT OF TRANSPORTATION DETAILED DRAWING NUMBER 609-05.
8. STANDARD CATCH CURB MOLD MAY BE ROTATED ABOUT THE LIP OF GUTTER TO CONSTRUCT SPILL CURBS.

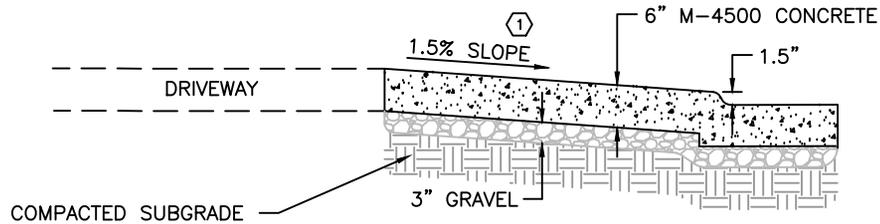
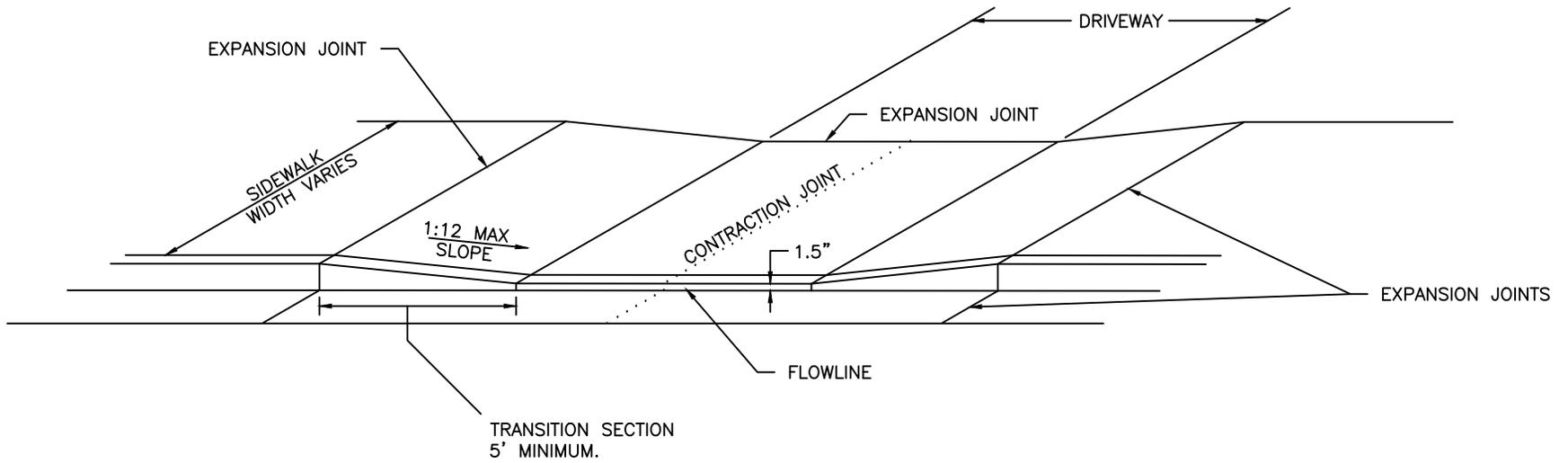


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

CURB & GUTTER DETAILS

NO. 02528-1
10/2025





SECTION VIEW

NOTES:

① PREFERRED CROSS SLOPE IS 1.5%, MAXIMUM CROSS SLOPE IS 2%

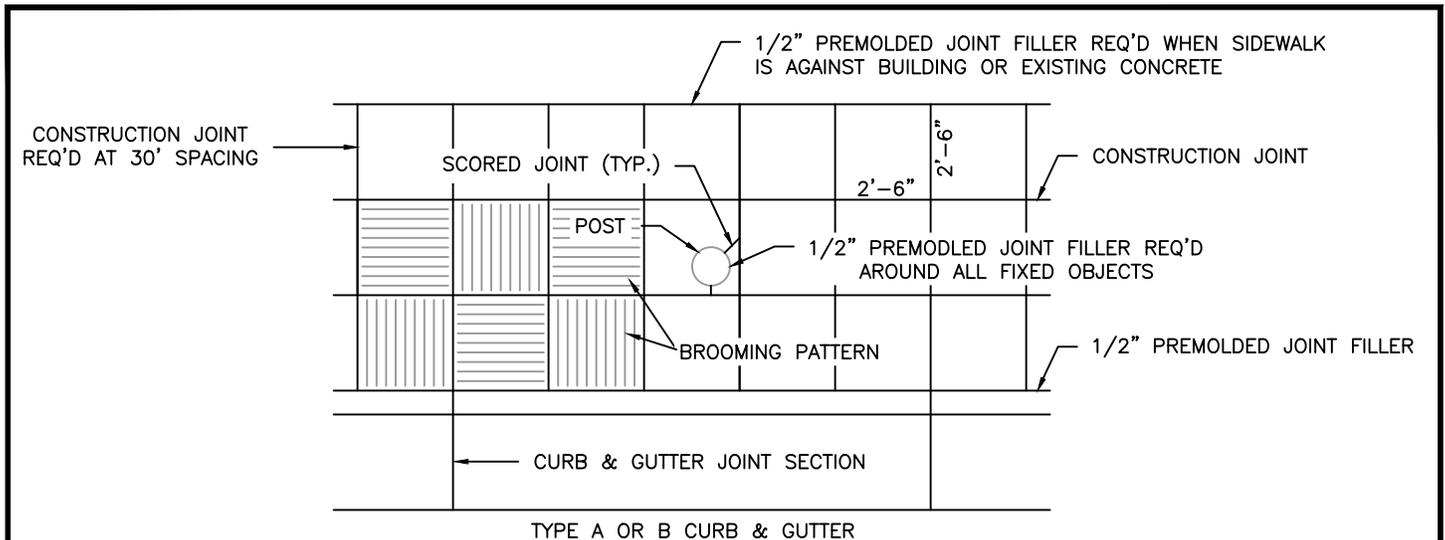


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

APPROACH TYPE B CURB & GUTTER DETAIL

NO. 02529-1
10/2025





NOTES:

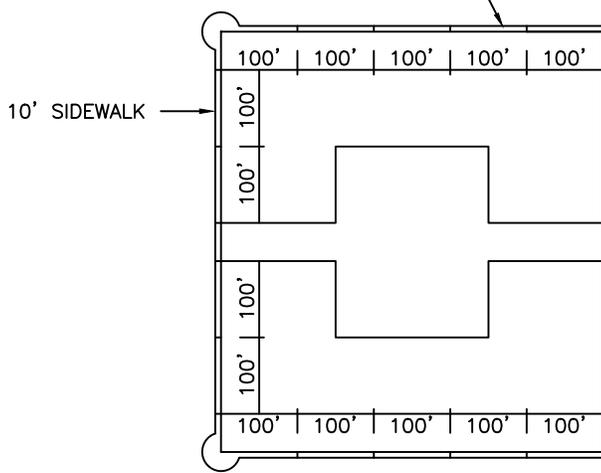
1. ALL CONCRETE TO BE CLASS 'M-4500' OR APPROVED EQUAL.
2. EDGE CONCRETE WITH 1/2" RADIUS EDGING TOOL.
3. ALL SCORED JOINTS ARE TO BE AT LEAST 1" DEEP.
4. ALL EDGES AND SCORING ARE TO BE DONE ON STRAIGHT LINES TO WITHIN 1 1/4" FROM TRUE.
5. COMPLETE ALL EDGING AND SCORING PRIOR TO BROOMING.
6. BROOM SECTIONS IN ALTERNATE DIRECTIONS AS SHOWN.
7. MATCH TRANSVERSE SIDEWALK JOINTS WITH CURB JOINTS.
8. USE STRAIGHT EDGE WHEN MARKING ALL SCORED JOINTS.

SIDEWALK DETAIL

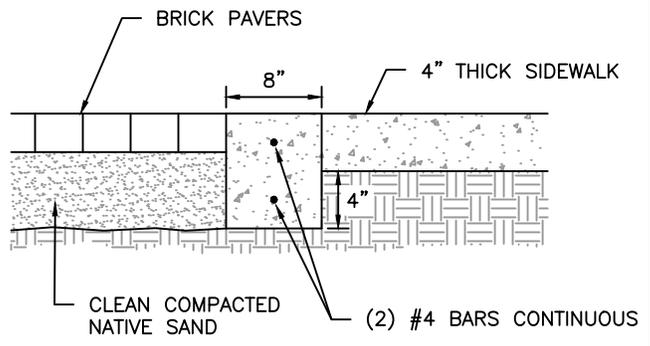
NOTES:

1. PAVER AREAS ARE TO REPLACE A SIDEWALK SECTION.
2. PAVERS REQUIRED ON THE FOLLOWING:
 - A. YELLOWSTONE ELECTRIC - BOUNDARY - LT & RT
 - B. MADISON ELECTRIC - BOUNDARY - LT & RT
 - C. DUNRAVEN YELLOWSTONE - FIREHOLE - LT & RT
 - D. DUNRAVEN FIREHOLE - GIBBON - LT
3. EXACT LOCATIONS MAY BE ADJUSTED TO AVOID CONFLICTS

2 1/2" x 2 1/2" BRICK PAVER AREAS ADJACENT TO CURB & GUTTER



BRICK PAVER LOCATIONS



NOTE: BRICK PAVER EDGING WILL BE MEASURED AS SIDEWALK

BRICK PAVER EDGING

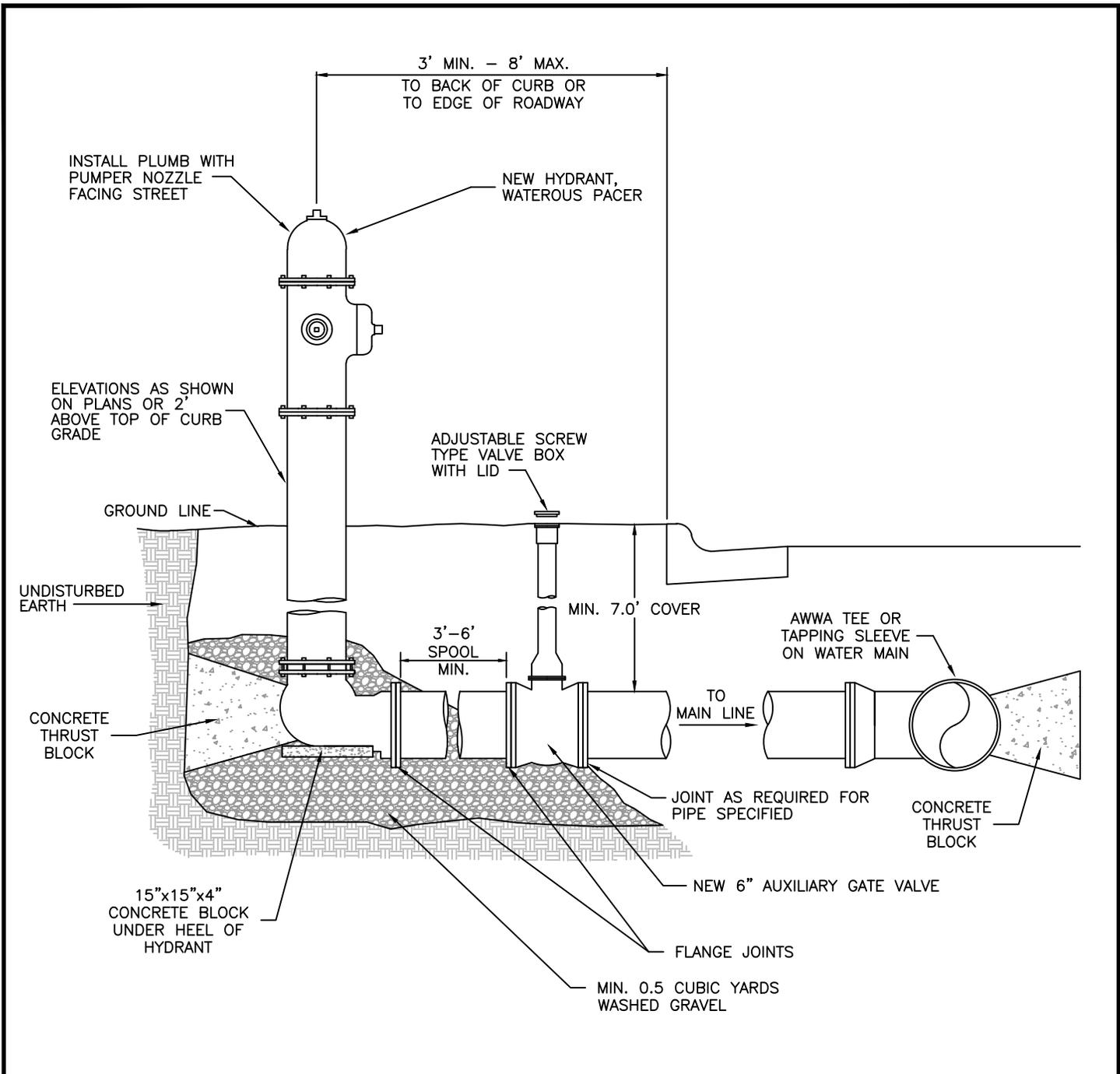


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

SIDEWALK DETAILS

NO. 02529-2
10/2025





NOTES:

1. MEGA-LUG OR APPROVED JOINT RESTRAINTS MAY BE USED IN LIEU OF CONCRETE THRUST BLOCK.
2. MINIMUM 4'-0" CLEAR ALL AROUND HYDRANT (TREES, HEDGES, BUSHES, ETC.)

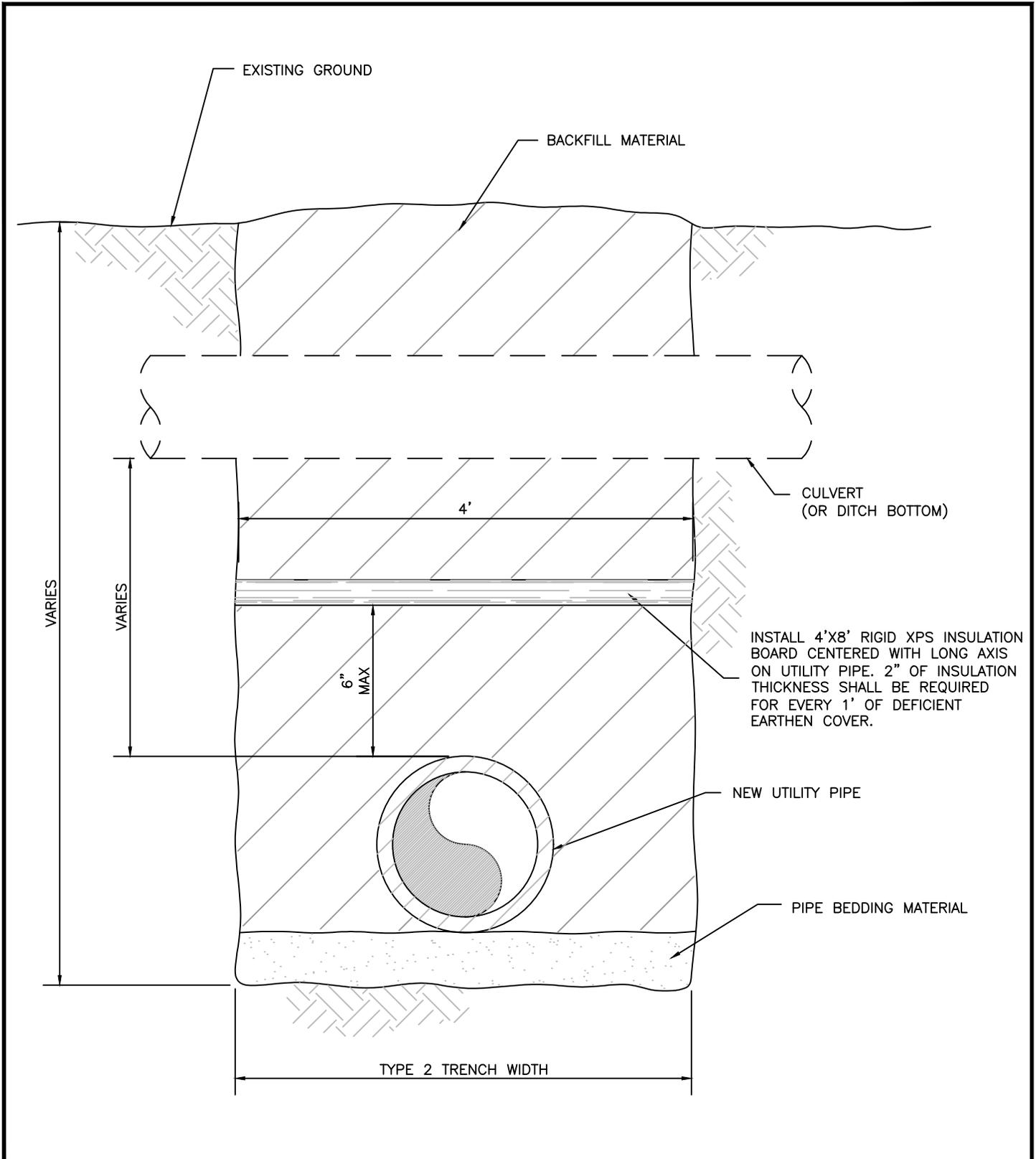


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

FIRE HYDRANT DETAIL

NO. 02660-1
10/2025



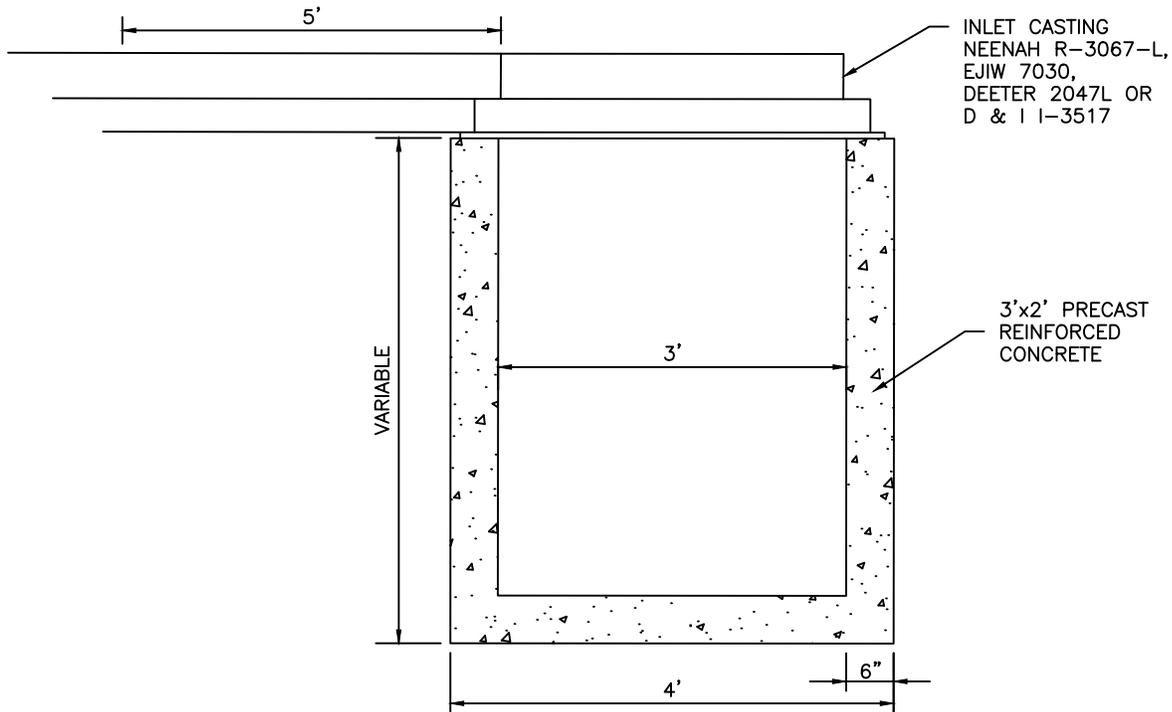


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

PIPE INSULATION DETAIL

NO. 02660-2
10/2025





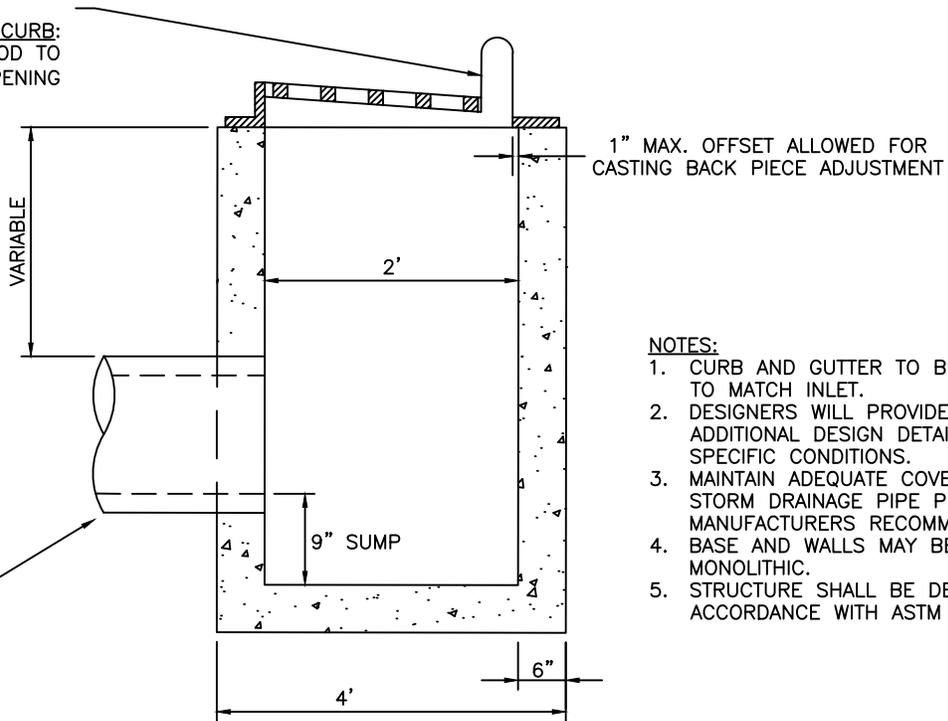
INLET CASTING
NEENAH R-3067-L,
EJIW 7030,
DEETER 2047L OR
D & I I-3517

3'x2' PRECAST
REINFORCED
CONCRETE

FRONT VIEW

FOR TYPE A CURB:
ADJUST INLET HOOD TO
3.5" OPENING

FOR TYPE B CURB:
ADJUST INLET HOOD TO
4" MIN. - 7" MAX. OPENING



1" MAX. OFFSET ALLOWED FOR
CASTING BACK PIECE ADJUSTMENT

BLOCK OUT FOR
LATERAL PIPE
12" RCP (TYP.)

SIDE VIEW

NOTES:

1. CURB AND GUTTER TO BE WARPED TO MATCH INLET.
2. DESIGNERS WILL PROVIDE ADDITIONAL DESIGN DETAILS TO FIT SPECIFIC CONDITIONS.
3. MAINTAIN ADEQUATE COVER OVER STORM DRAINAGE PIPE PER MANUFACTURERS RECOMMENDATIONS.
4. BASE AND WALLS MAY BE MONOLITHIC.
5. STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ASTM 857.

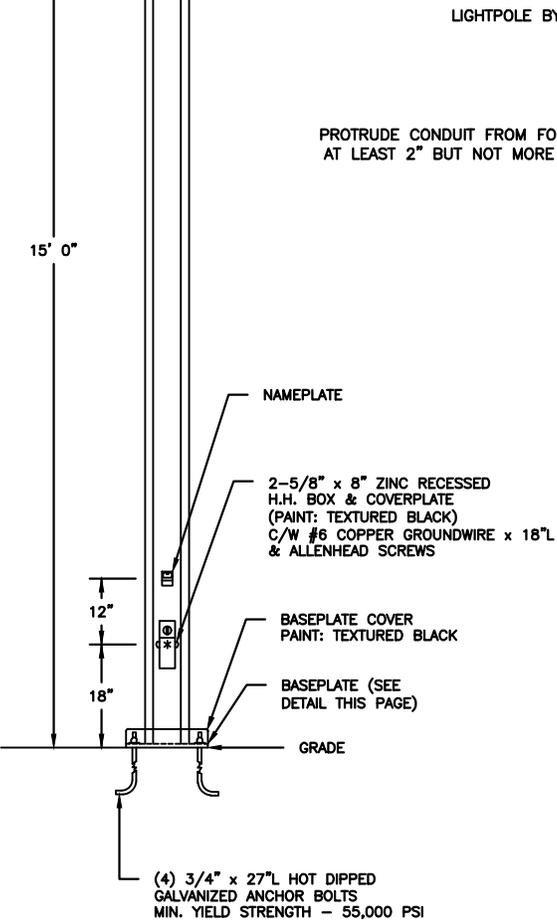
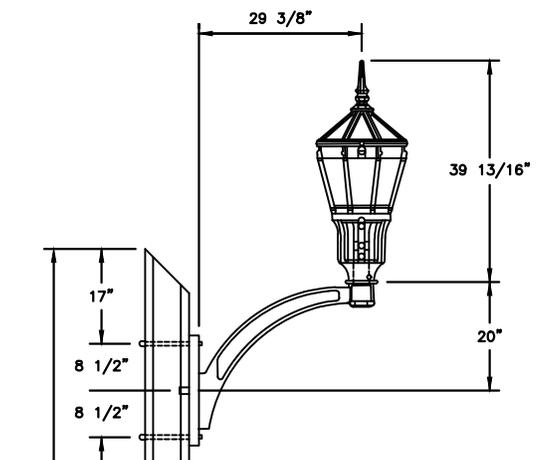


TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

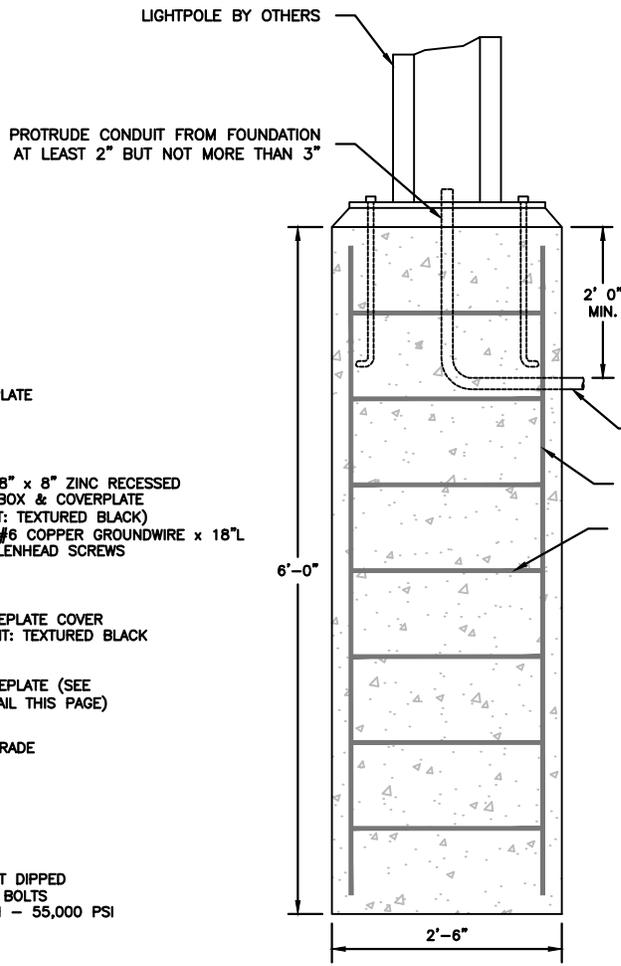
STANDARD SQUARE
STORM DRAIN INLET

NO. 02720-1
10/2025

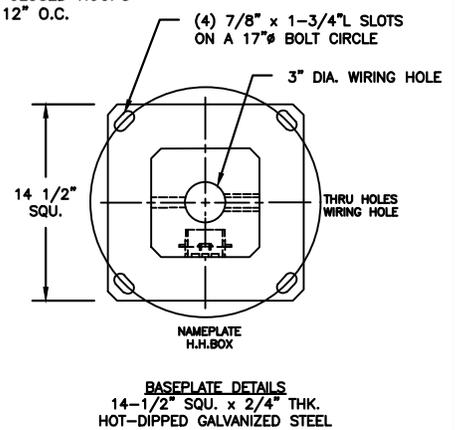




STREET LIGHT



FOUNDATION



BASEPLATE DETAILS
14-1/2" SQU. x 2/4" THK.
HOT-DIPPED GALVANIZED STEEL

BASEPLATE

LUMINAIRE SPECIFICATIONS
 CATALOGUE NO.: K54-C-K24-P4NL-III-5(SSL)-7030-120:277-PR7-3K-BK-#6-WS-GFI
 LANTERN TYPE: CLEVELAND
 POLE ADAPTOR/CAPITAL: K24 CAPITAL (TO ACCEPT 3" O.D. TENON)
 OPTICAL OPTIONS: P4 OPTIC (FLAT ARRAY)
 LENS OPTIONS: NO LENS
 IES LTG. CLASS.: TYPE 3
 WATTAGE: 75W
 SOURCE: SOLID STATE
 SERIES: 7030
 LINE VOLTAGE: 120:277V
 PHOTO CONTROL OPTION: TWISTLOCK RECEPTACLE (PHOTO-EYE BY OTHERS)
 CCT: 3000K
 PAINT COLOR: TEXTURED BLACK
 FINIAL OPTIONS: #6
 OTHER OPTIONS: WATTAGE SELECTOR, 3/8"-16 BLACK OXIDE HEX HEAD BOLTS, & GFI

ARM SPECIFICATIONS
 CATALOGUE NO.: MODIFIED KA57-S
 MATERIAL: ALUMINUM
 PAINT: TEXTURED BLACK
 OPTIONS:

POLE SPECIFICATIONS
 CATALOGUE NO.: P150-APW-G-L70 S/F
 SECTION: KA57-S C/W BPC-II & AB NON-TAPERED SQUARE (WOOD GRAIN)
 COLOUR: DESERT SAND
 FINISH: **LIGHTLY ETCHED**
 POLE TOP: 8" FL/FL
 POLE BUTT: 8" FL/FL
 LENGTH: 15' 0"
 MIN. RACEWAY: 2 1/2" Ø
 APPROX. WEIGHT: 1,155 LBS
 ANCHOR BOLT SIZE: (4) 3/4" x 27"L
 BOLT PROJECTION: 2" - 3" HIGH



TOWN OF
WEST YELLOWSTONE
STANDARD DRAWING

STREET LIGHT DETAIL

NO. 03310-1
10/2025

