

**March 11, 2022**

Mr. James Ingalls, PE  
INK CIVIL  
2021 W SH46, Suite 105  
New Braunfels, TX 78132

**RE: Certification of Approval PICP 0188-2021 JARO NORTH UNIT 1 SUBDIVISION Construction of Public Wastewater Infrastructure**

**Approved Construction Plans Seal Dates: 02.18.2022: Coversheet, Sheets 32-39 of 49.**


Dear Applicant,

The Capital Projects & Engineering Department approves the above referenced permit with addition of the following criteria:

1. Prior to the start of construction, the contractor shall contact the City of Seguin to set a preconstruction meeting in conjunction with the City of New Braunfels.
2. Contractor must maintain City approved construction plans on-site at all times.
3. Construction Inspector must be notified of revisions to City approved construction plans. Any revisions to City approved construction plans must be re-submitted for approval by the City Engineer.
4. All excavation operations shall be performed in accordance with the Governing Jurisdiction.
5. Approval of the Public Wastewater Infrastructure does not grant construction of the development or improvements approved by the City of Seguin. Applicant shall secure all necessary permits in accordance with the Governing Jurisdictions.
6. No increase in flows to private property shall be allowed during and post construction.
7. As per state law, the Engineer of Record is responsible for any adverse impacts directly caused by his design.
8. Any revisions required per Guadalupe Valley Electric Cooperative (GVEC), Spring Hill Water Supply Company (SHWSC), Crystal Clear Special Utility District (CCSUD) and Green Valley Special Utility District (GVSUD) that change the civil subdivision construction plans must be resubmitted to the City of Seguin for acceptance.

In accordance with the City of Seguin's Unified Development Code, Construction Plans for a development are valid for two (2) years and will expire on March 10, 2024 if progress towards completion of this unit has not been made. The permit holder may apply for a one (1) year extension of the permit. You may now submit the Subdivision Plat with a completed application. If you require further information, feel free to contact the Capital Projects & Engineering Department.

Sincerely,



Melissa Reynolds, P.E., MPA, CFM  
City Engineer

MR/ms

**CITY OF SEGUIN – PROJECT INSPECTION REQUIREMENTS**

***Sec. 118-38 “Guarantee of performance; inspection and acceptance of public improvements, licensing”***

**Project Inspection Requirements:**

- 48hr. minimum advance notice is required for all inspections
- City Inspector must attend pre-construction meeting **PRIOR** to initial inspection request
- Contractor must maintain City approved construction permit plans on-site at all times
- Any revisions must be re-submitted to the Building Department for City Engineer Approval

**Constructions Items Requiring Inspections:**

**GENERAL**

Erosion Control / SWPPP  
Temporary Traffic Control  
Proctor Pick up  
Rough Grading Fill Densities

**STORMWATER SYSTEM**

Storm Drains, Culverts, & Water Quality

- Material
- Bedding
- Installation
- Backfill / Filter fabric
- Collars / Connections / Headwalls / Riprap

Detention / Retention Ponds & Channels

- Embankment Densities
- Rebar / Forms

**UTILITY** (water, wastewater, dry, gas)

Trench Densities

**ROADWAY**

Proof roll  
Subgrade densities  
Lime / Concrete Densities  
Gradations  
Geogrid

**ROADWAY (cont.)**

Base Densities  
Curb and Gutter (rebar / forms)  
Valley Gutter (rebar / forms)  
Utility Castings  
Pre-pave  
Paving

**CONCRETE**

Curbs  
Sidewalk  
Ramps  
Driveway

**RAMPS & SIDEWALKS**

Rebar / Forms / ADA

**TRAFFIC CONTROL**

Signs / Markings

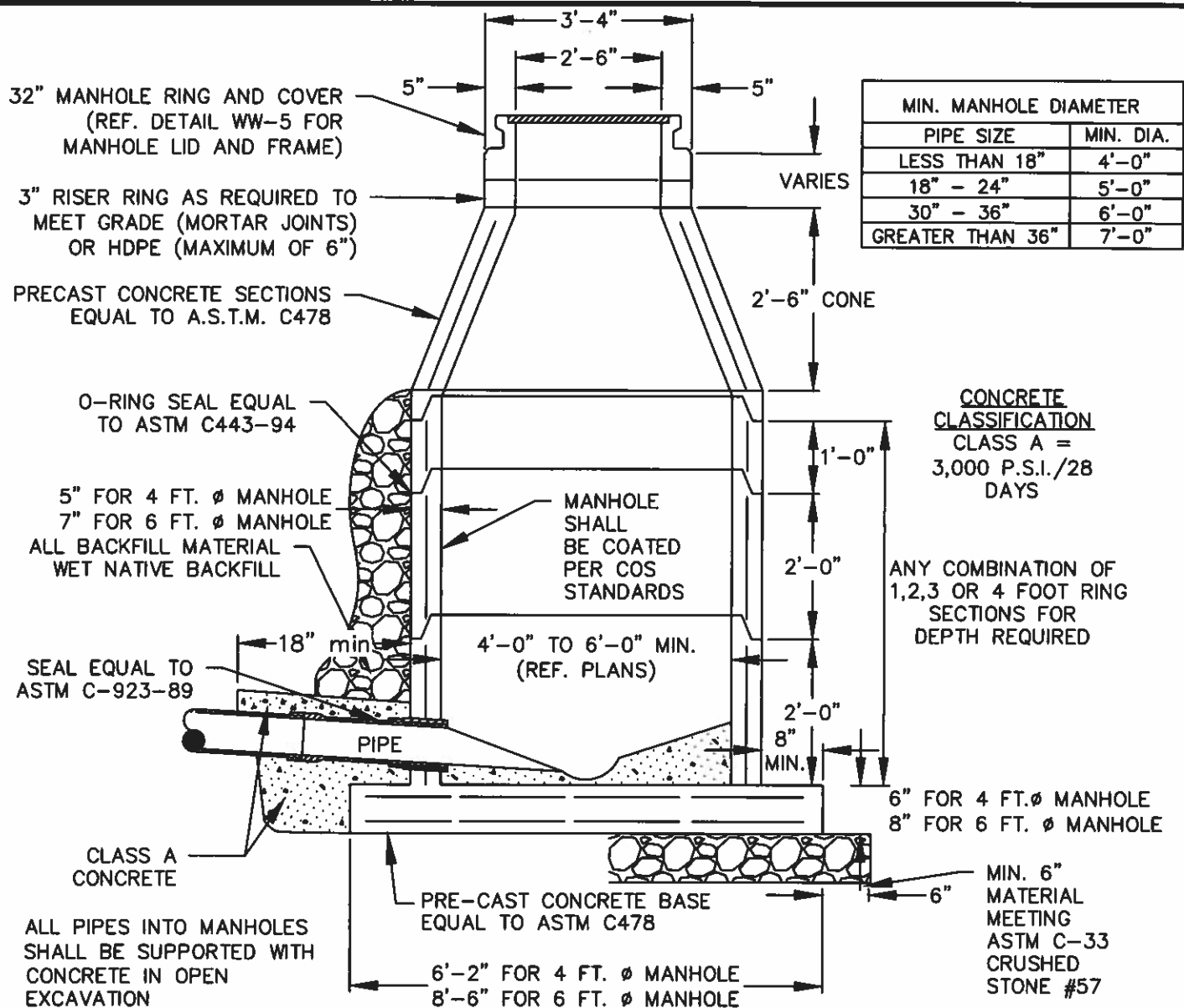
**PUNCHLIST**

**PUNCHLIST ITEMS**

**FINAL**

Inspector: \_\_\_\_\_

Preconstruction Date: \_\_\_\_\_



#### NOTES:

1. MANHOLE INVERTS: THE BOTTOM OF THE MANHOLE SHALL BE PROVIDED WITH A "U" SHAPED CHANNEL THAT IS AS MUCH AS POSSIBLE A SMOOTH CONTINUATION OF THE INLET AND OUTLET PIPES. FOR MANHOLES CONNECTED TO PIPES LESS THAN 15 INCHES IN DIAMETER THE CHANNEL DEPTH SHALL BE AT LEAST HALF THE LARGEST PIPE DIAMETER. FOR MANHOLES CONNECTED TO PIPES 15 TO 24 INCHES IN DIAMETER THE CHANNEL DEPTH SHALL BE AT LEAST THREE FOURTHS THE LARGEST PIPE DIAMETER. IN MANHOLES WITH PIPES OF DIFFERENT SIZES, THE TOES OF THE PIPES SHALL BE PLACED AT THE SAME ELEVATION AND FLOW CHANNELS IN THE INVERT SLOPED ON AN EVEN SLOPE FROM PIPE TO PIPE. THE BENCH PROVIDED ABOVE THE CHANNEL SHALL BE SLOPED AT A MINIMUM OF 0.5 INCH PER FOOT.
2. CONTRACTOR SHALL GROUT THE INTERNAL AND EXTERNAL JOINTS FOR EACH RING SECTION.
3. 0.1' DROP SHALL BE PROVIDED WITHIN THE MANHOLE.
4. MANHOLE SHALL BE COATED PER APPROVED MANUFACTURER'S SPECIFICATIONS OUTLINED IN COS STANDARD PRODUCTS LIST.
5. MANHOLE OUTSIDE OF PAVEMENT SHALL HAVE BOLTED COVERS.

**SEGUIN**  
TEXAS

It's real.

DATE ISSUED:	JUNE 1, 2013		TITLE
REVISION	DATE	BY	SANITARY SEWER PRECAST CONCRETE MANHOLE
1ST REVISION	7/29/15	TN	
2ND REVISION	8/10/18	DB	
3RD REVISION	12/08/20	DB	
			SCALE:
			SCALE:

DRAWING No.

N.T.S.

WW-2