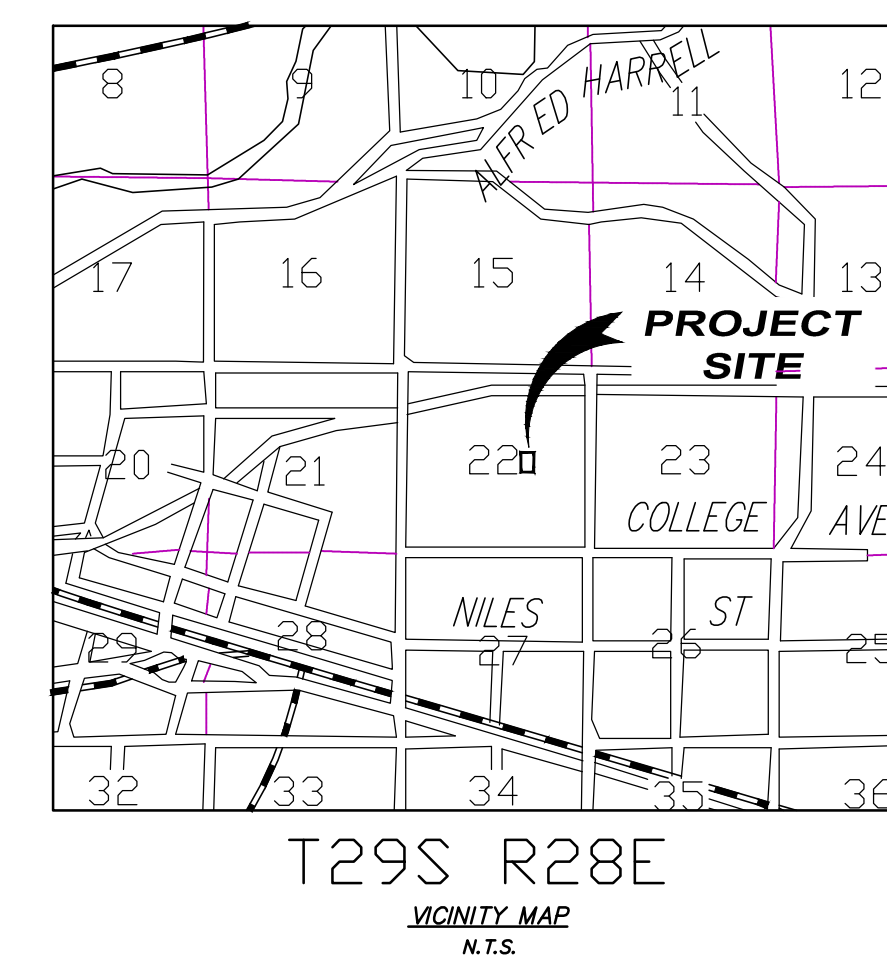


HOUSING AUTHORITY OF THE COUNTY OF KERN 3403 BERNARD STREET CITY VIEW HOME DEVELOPMENT SITE UTILITIES



BENCHMARK

CONCRETE MONUMENT WITH BRASS CAP, AT THE CENTERLINE OF
BERNARD STREET, NEAREST THE NORTHWESTERLY CORNER OF PARCEL
A, PER TOPOGRAPHIC SURVEY PREPARED BY LANDMARK SURVEYING
& ENGINEERING, ON 05-31-2018.

ELEVATION DATUM (NOT SPECIFIED): 622.82 FEET

BASIS OF BEARINGS

THE BEARING OF S 89°19'22" W FOR THE CENTERLINE OF BERNARD STREET PER RECORD OF SURVEY RECORDED IN BOOK 14 AT PAGE 56 IN THE OFFICE OF THE KERN COUNTY RECORDER WAS USED AS THE BASIS OF ALL BEARINGS FOR THIS SURVEY MAP.

LEGAL DESCRIPTION

LOT 1 OF CERTIFICATE OF COMPLIANCE RECORDED FEBRUARY 6, 2020 AS INSTRUMENT NO. 220016855, OFFICIAL RECORDS OF THE COUNTY OF KERN; AND ACCESS, UTILITY, DRAINAGE, AND MAINTENANCE EASEMENTS AS DESCRIBED IN A DOCUMENT TITLED "DECLARATION PROVIDING FOR RECPROCAL EASEMENTS" RECORDED APRIL 2, 2020 AS INSTRUMENT NO. 220043038, OFFICIAL RECORDS; AND BEING A PORTION OF SECTION 22, T.29S, R.28E., M.D.B.&M. IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA.

ADDRESS

3403 BERNARD STREET, BAKERSFIELD, CA. 93306

APN

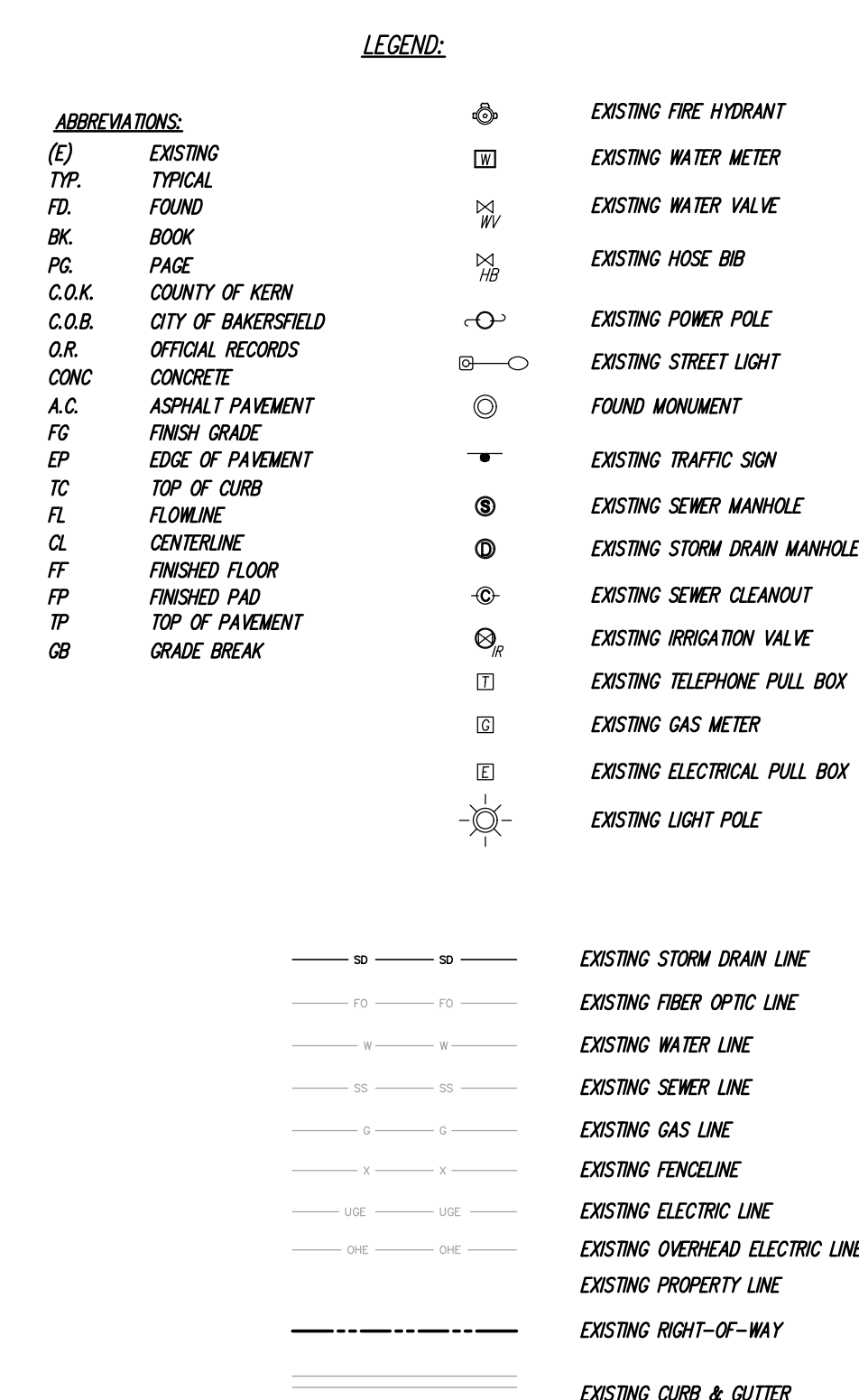
APN: 1.30-162-26

UTILITY NOTE

NOT ALL UTILITIES WERE LOCATED BY THIS SURVEY AND SWANSON ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR UNDERGROUND UTILITIES OR FACILITIES NOT SHOWN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES.

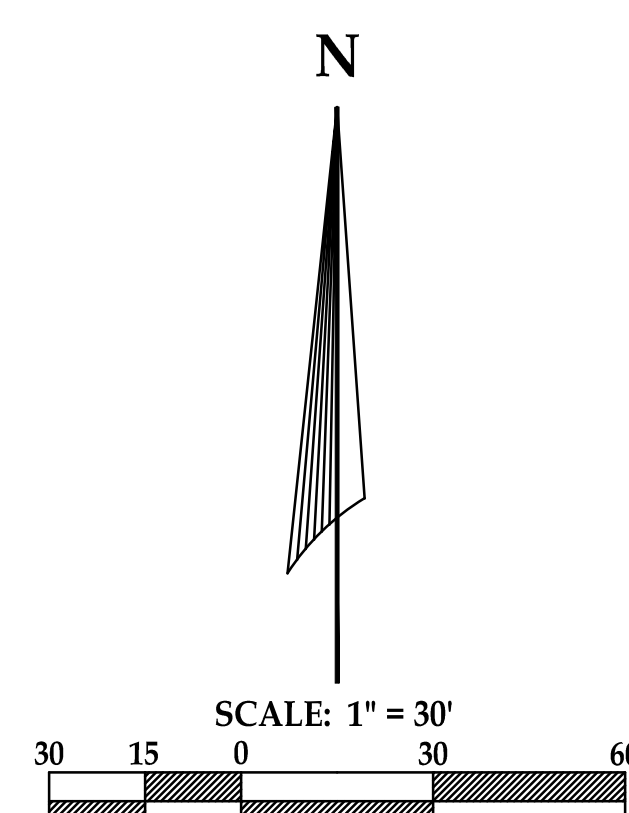
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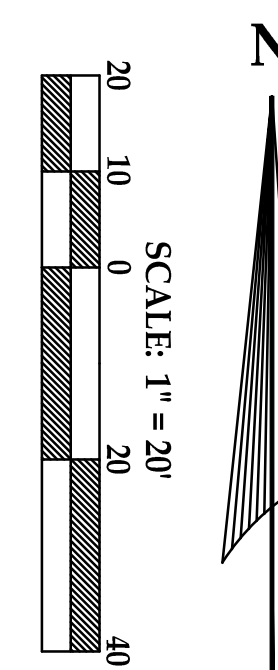
ALL EXTERIOR BUILDING FOUNDATIONS SHALL HAVE A MINIMUM 6" STARTER WALL



SHEET INDEX

- SHEET INDEX**
- | | |
|-----|------------------------------------|
| C1 | TITLE SHEET - SITE UTILITIES |
| C6 | SITE UTILITY PLAN |
| C7 | SITE UTILITY DETAILS |
| C13 | CONSTRUCTION WASTE MANAGEMENT PLAN |

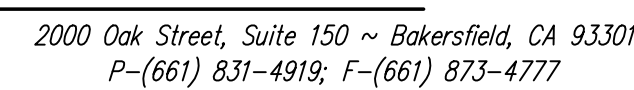
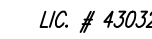


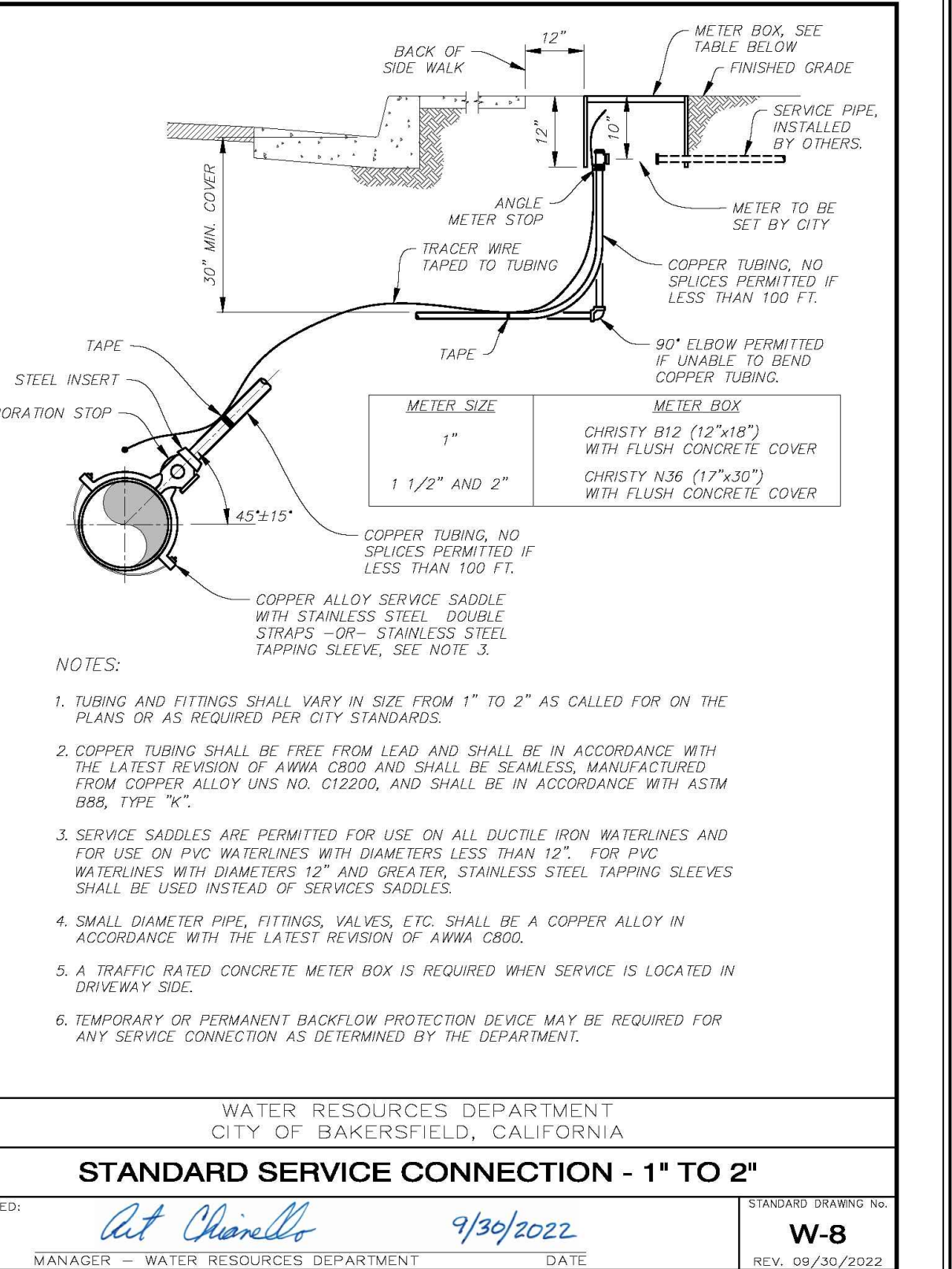
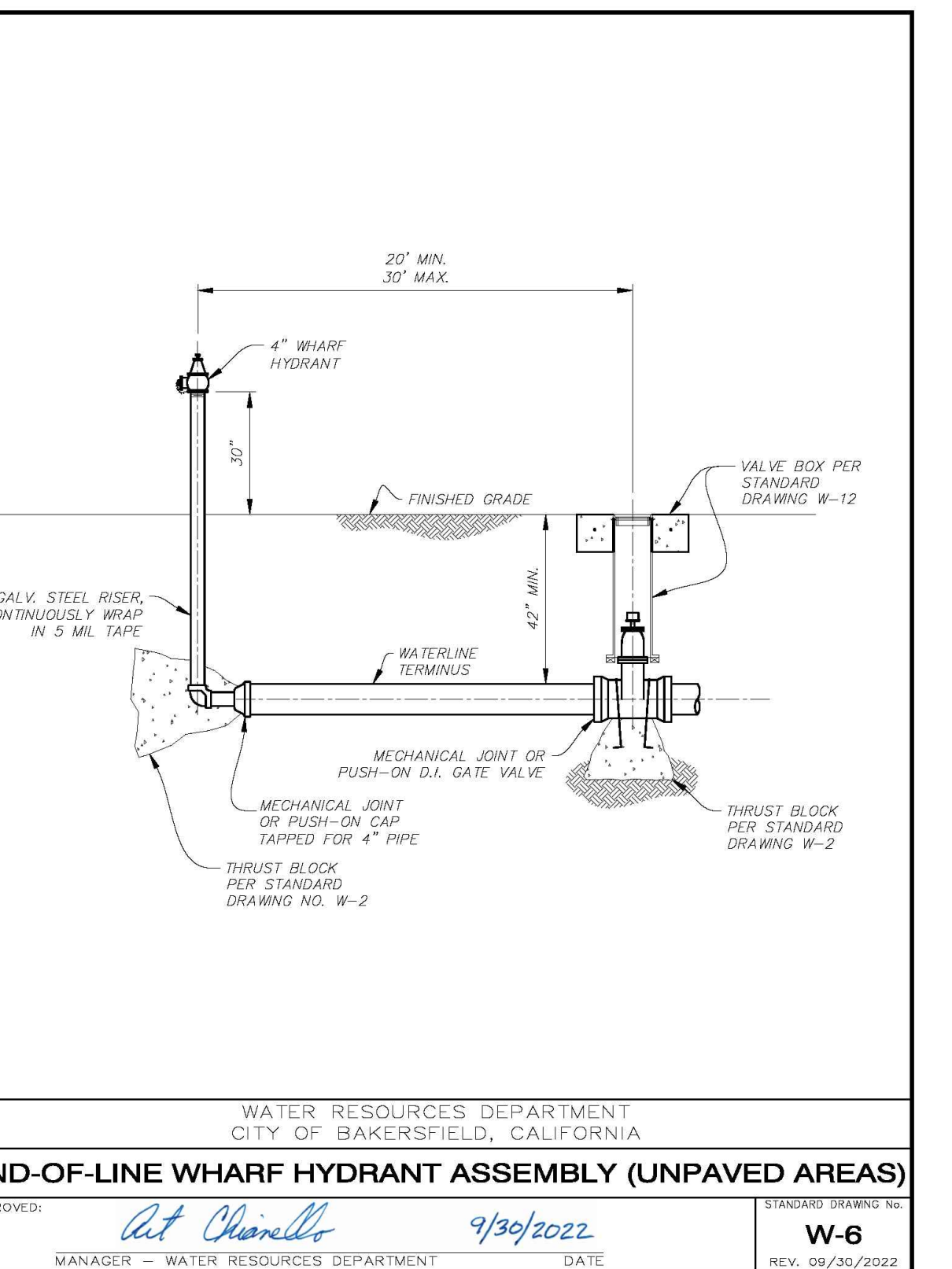
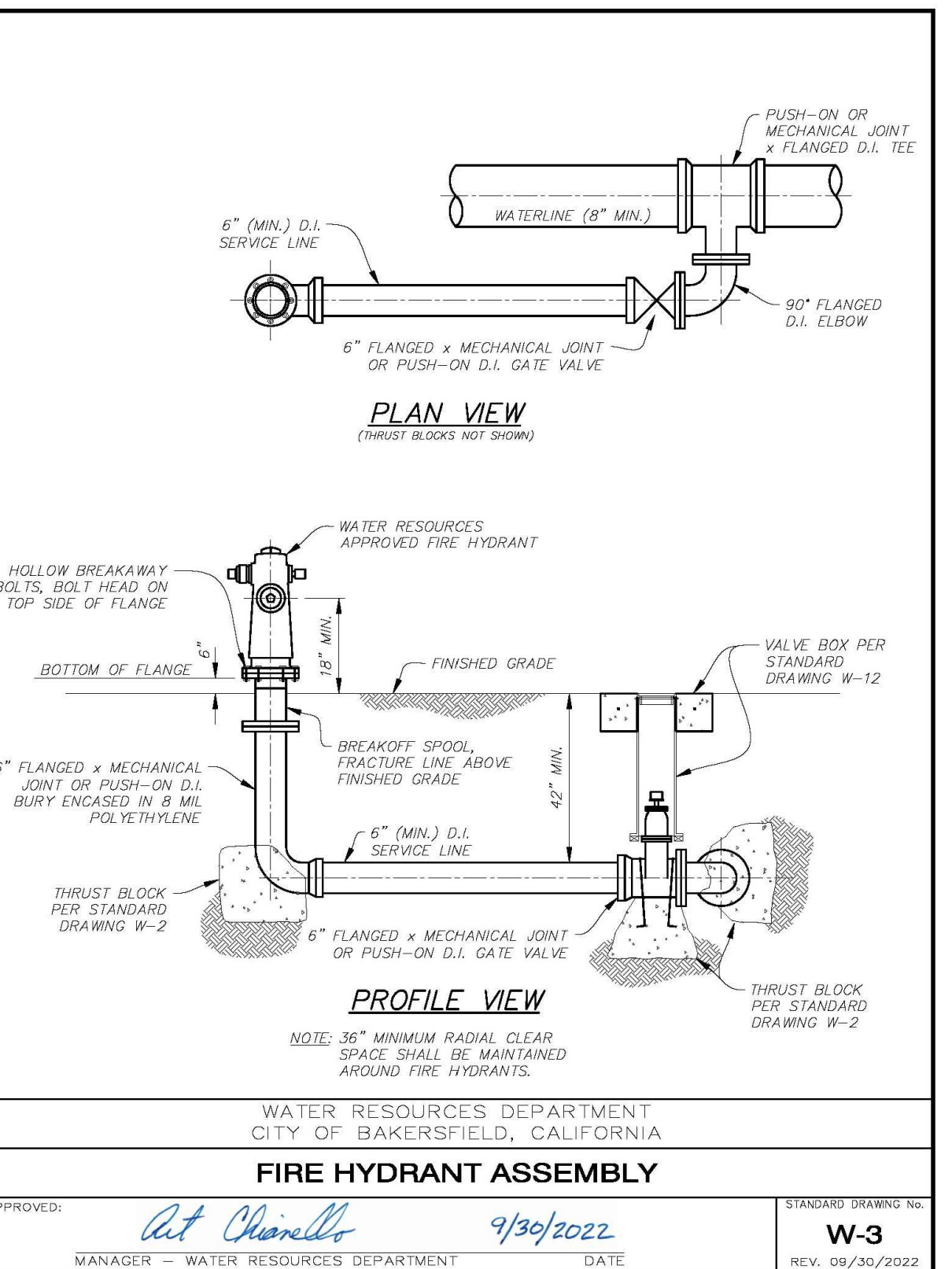
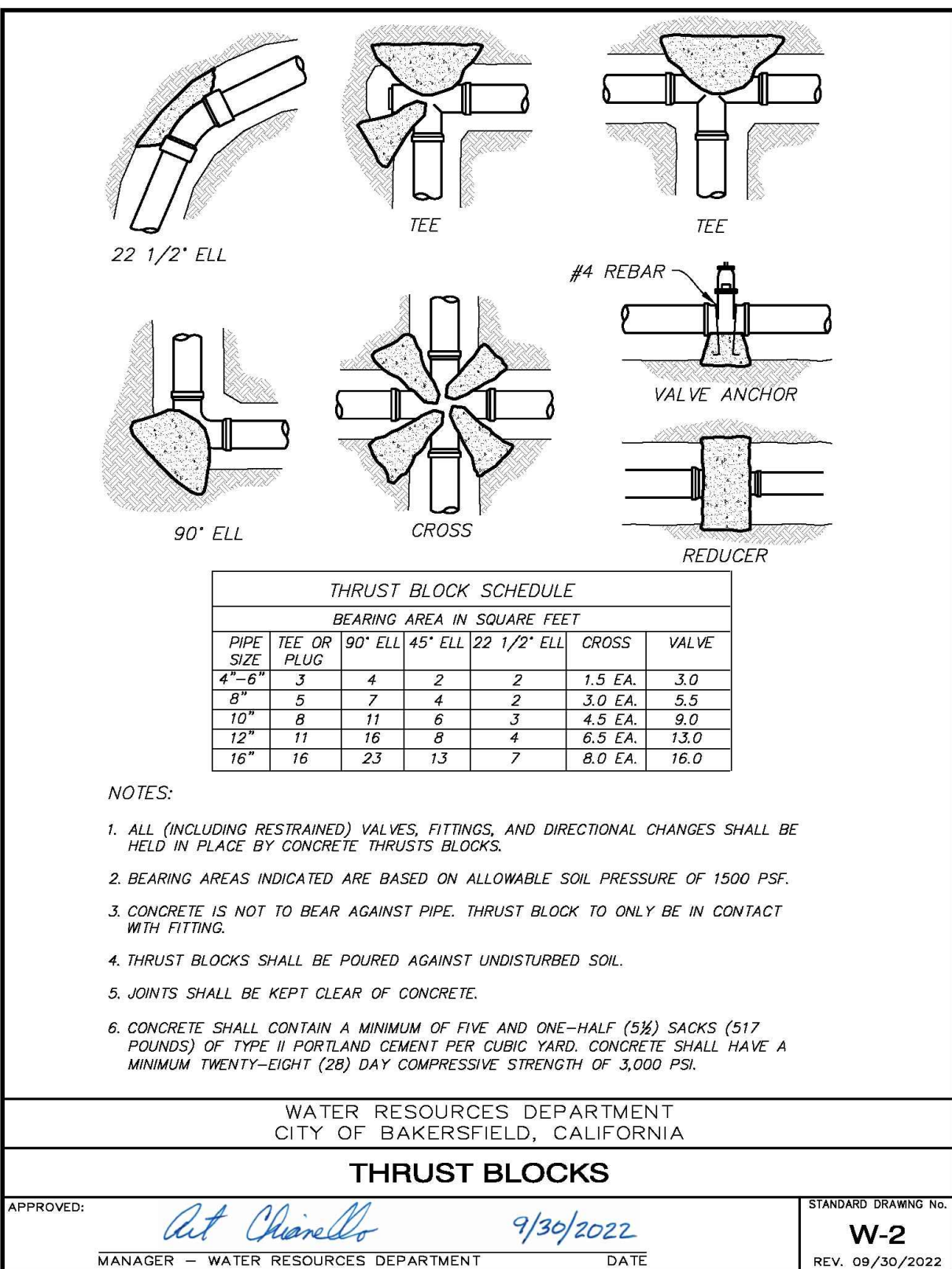
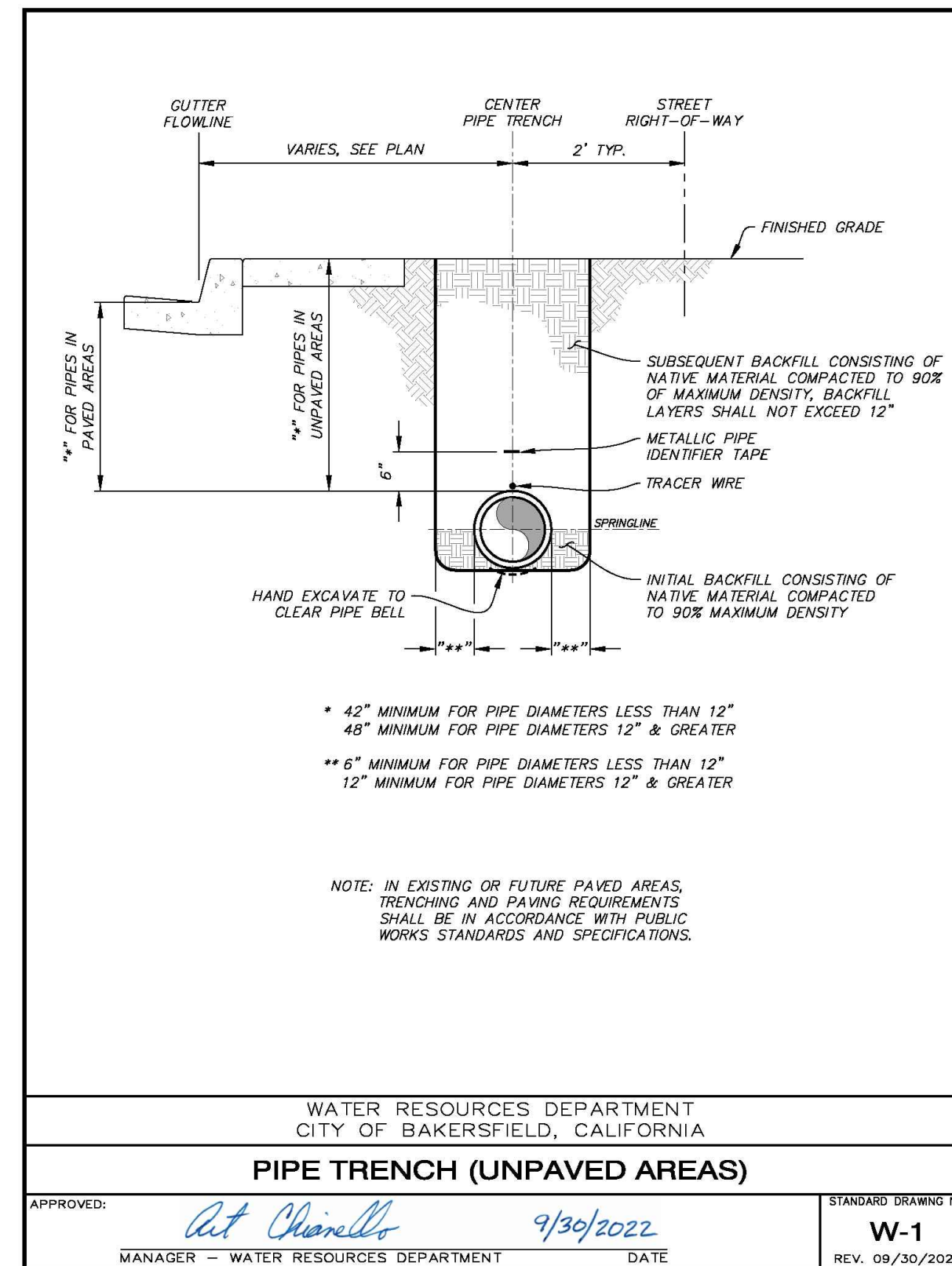


SHEET 2 OF 4

Friday, May 16, 2025 5:01:00 PM

23-022 C1R.DWG





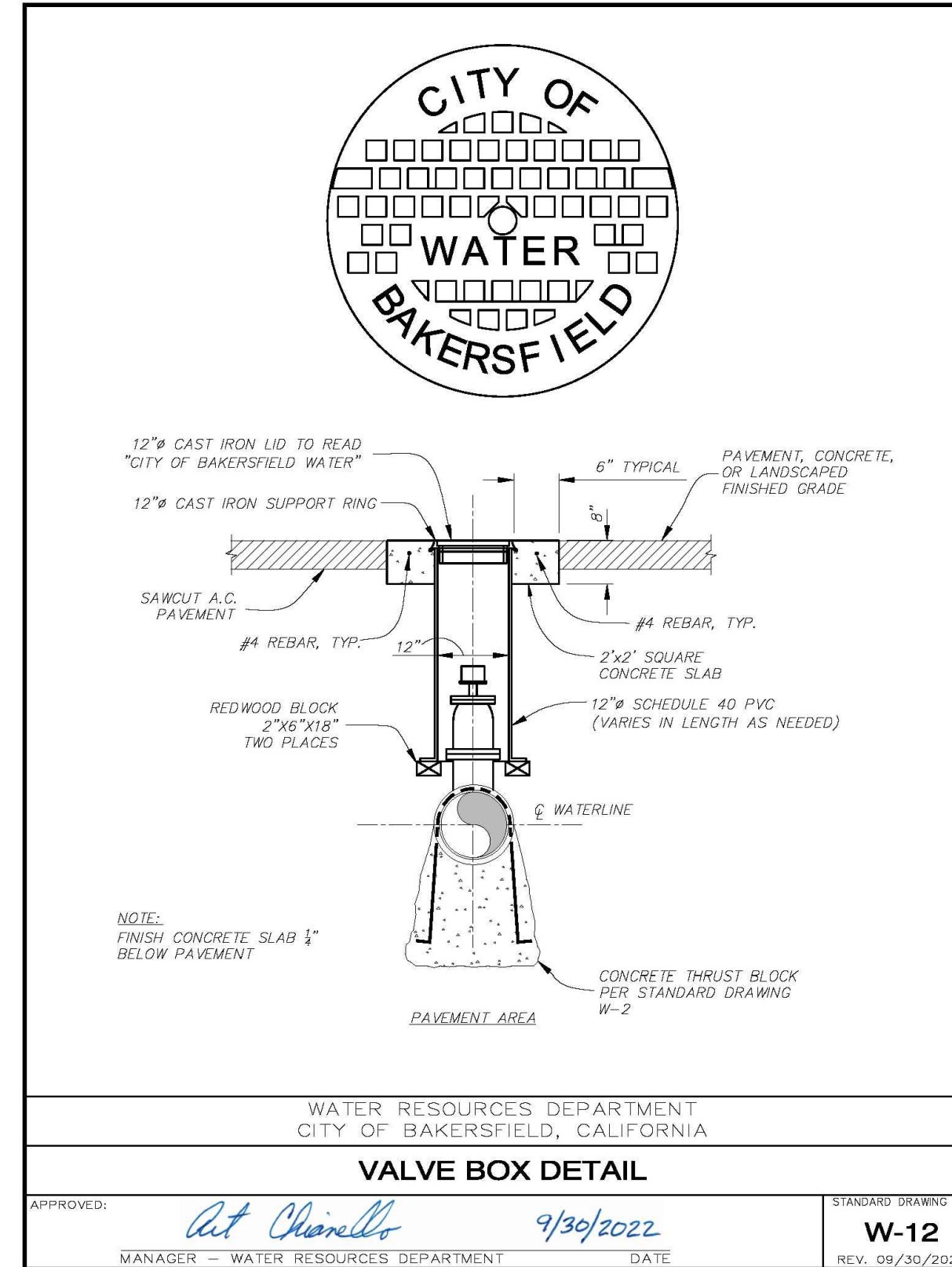
1 W-1 PVC/HDPE TRENCH DETAIL

2 W-2 THRUST BLOCK DETAIL

3 W-3 FIRE HYDRANT

4 W-6 END-OF-LINE WHARF HYDRANT

5 W-8 ONE AND TWO INCH WATER SERVICE



HYDRANT FLOW TEST FORM
CITY OF BAKERSFIELD WATER RESOURCES DEPARTMENT
1000 Buena Vista Road, Bakersfield, CA 93311
Phone: (661) 326-3715 Fax: (661) 852-2127 Email: water@bakercity.org

Instructions: Complete Applicant Section + Return with payment to the Domestic and Fire Water Fee Schedule

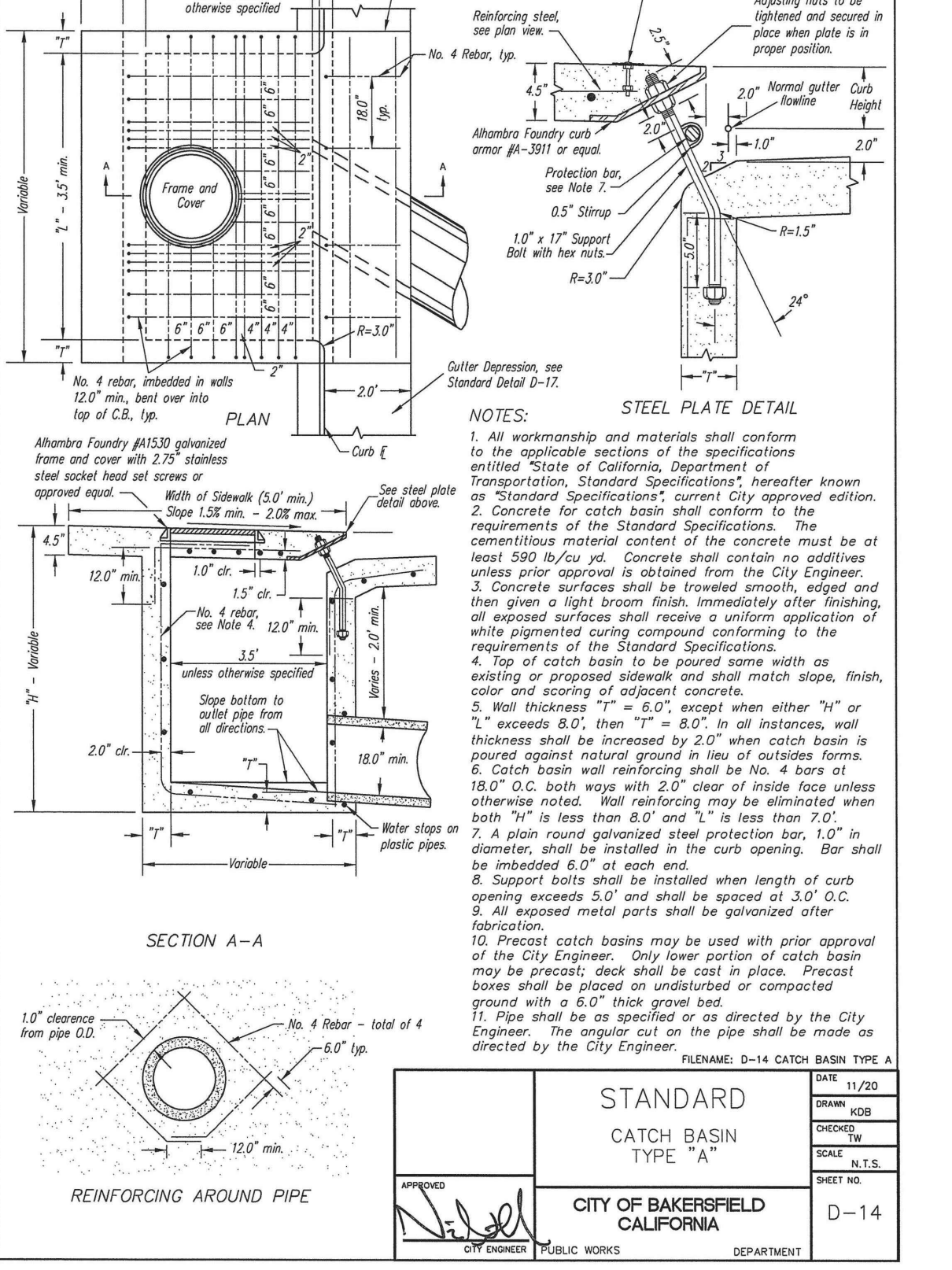
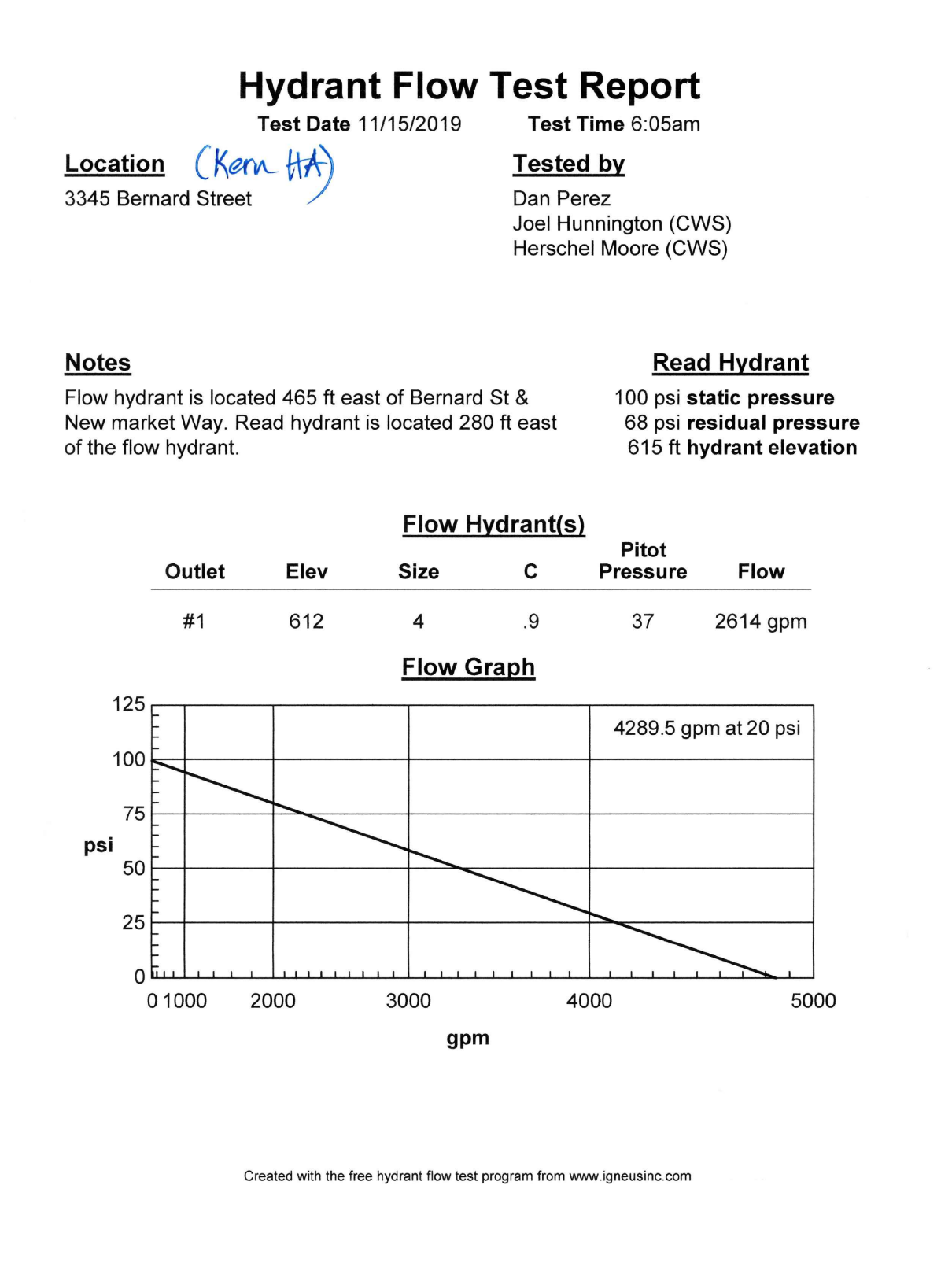
PROJECT INFORMATION (TO BE COMPLETED BY APPLICANT):
Name: Stephen Pelz Phone: 661-631-8500 ext. 2005
Company Address: 601 24th Street, Bakersfield, CA 93301
Project Address: 3345 Bernard Street, Bakersfield
Nearest Cross Street/Distance (ft): New Market Way (200 ft)
Occupancy (Use of Building): R2 Sprinkled (Y/N): Y
Square Footage: 15,600 Number of Stories: 2
Calculated Fire Flow @ 20 PSI: 4289 Duration of Flow: Date and Time: 11/15/19 6:05am

TEST (RESIDUAL) HYDRANT:
ATLAS PAGE: 103-22 HYDRANT #: 6011 OUTLET DIAMETER: 4" 3/4"
SIZE & MATERIAL OF WATER MAIN: 12" 8" AC
Static PSI: Residual PSI: 37 Observed Flow (GPM): 2614
Calculated Fire Flow @ 20 PSI: 4289

TEST (RESIDUAL) HYDRANT:
ATLAS PAGE: 103-22 HYDRANT #: 6016
SIZE & MATERIAL OF WATER MAIN: 12" 8" AC
Static PSI: 100 Residual PSI: 66

TEST (RESIDUAL) HYDRANT:
ATLAS PAGE: HYDRANT #:
SIZE & MATERIAL OF WATER MAIN:
Static PSI: Residual PSI:

PUBLIC FIRE HYDRANT FLOW REQUIREMENTS (TO BE COMPLETED BY THE WATER DEPARTMENT):
Signature of Water Resources Department: T. J. S. HEATER
Time: 10:57 AM Date: 11-15-19



SEWER NOTES:

GENERAL

1. CONTRACTOR WILL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, AND SUPERVISION NECESSARY TO COMPLETE INSTALLATION.

PVC PIPE

1. MATERIALS - PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF THE CURRENT ASTM SPECIFICATION D-3034 FOR SDR35 PIPE. PIPE AND FITTINGS SHALL BE HOMOGENEOUS THROUGHOUT AND FREE FROM CRACKS, HOLES, FOREIGN INCLUSIONS, OR OTHER INJURIOUS DEFECTS.

2. JOINTS - USE ONLY ELASTOMERIC GASKET JOINTS. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE PVC PIPE CONNECTS TO VOP PIPE, USE ONLY COUPLINGS APPROVED BY THE CITY OF BAKERSFIELD.

3. INSTALLATION - PIPE AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ASTM SPECIFICATION D-2521, ONLY CLASS I AND II EMBEDEDMENT MATERIALS SHALL BE CONSIDERED SUITABLE.

SYSTEM TESTING

1. A PRESSURE TEST SHALL BE PERFORMED ON INSTALLED PIPE IN ACCORDANCE WITH THE CITY OF BAKERSFIELD SUBDIVISION DESIGN MANUAL AND THE RECOMMENDATIONS OF THE MANUFACTURER.

MISCELLANEOUS

1. WVE FITTINGS SHALL BE INJECTION MOLDED IN-LINE TYPE AND SHALL BE USED FOR ALL LATERAL CONNECTIONS.

2. ALL SEWER STUBS SHALL BE CLOSED WITH A STANDARD PLASTIC PLUG, SOLVENT WELDED.

3. WATER JETTING AND FLOODING SHALL NOT BE USED FOR BACKFILL COMPACTION.

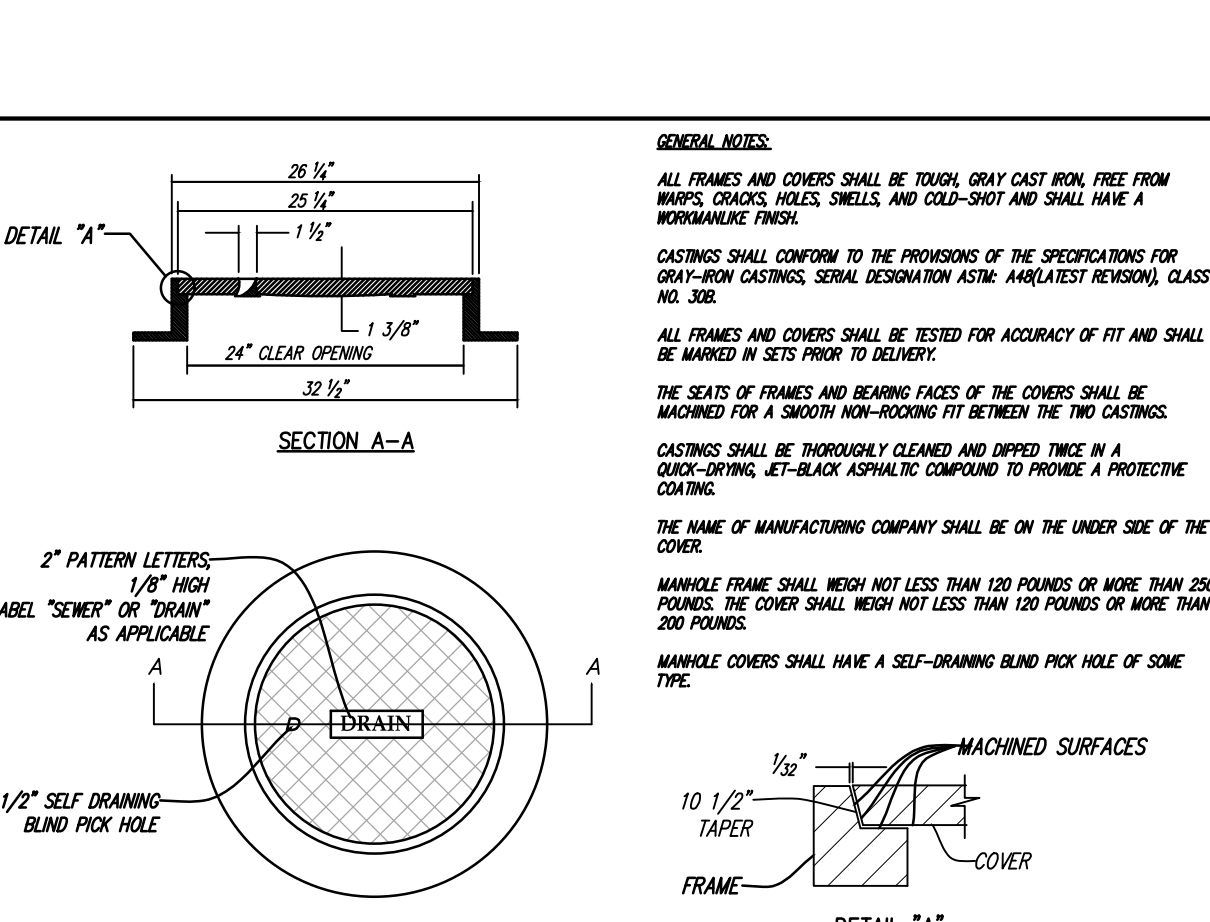
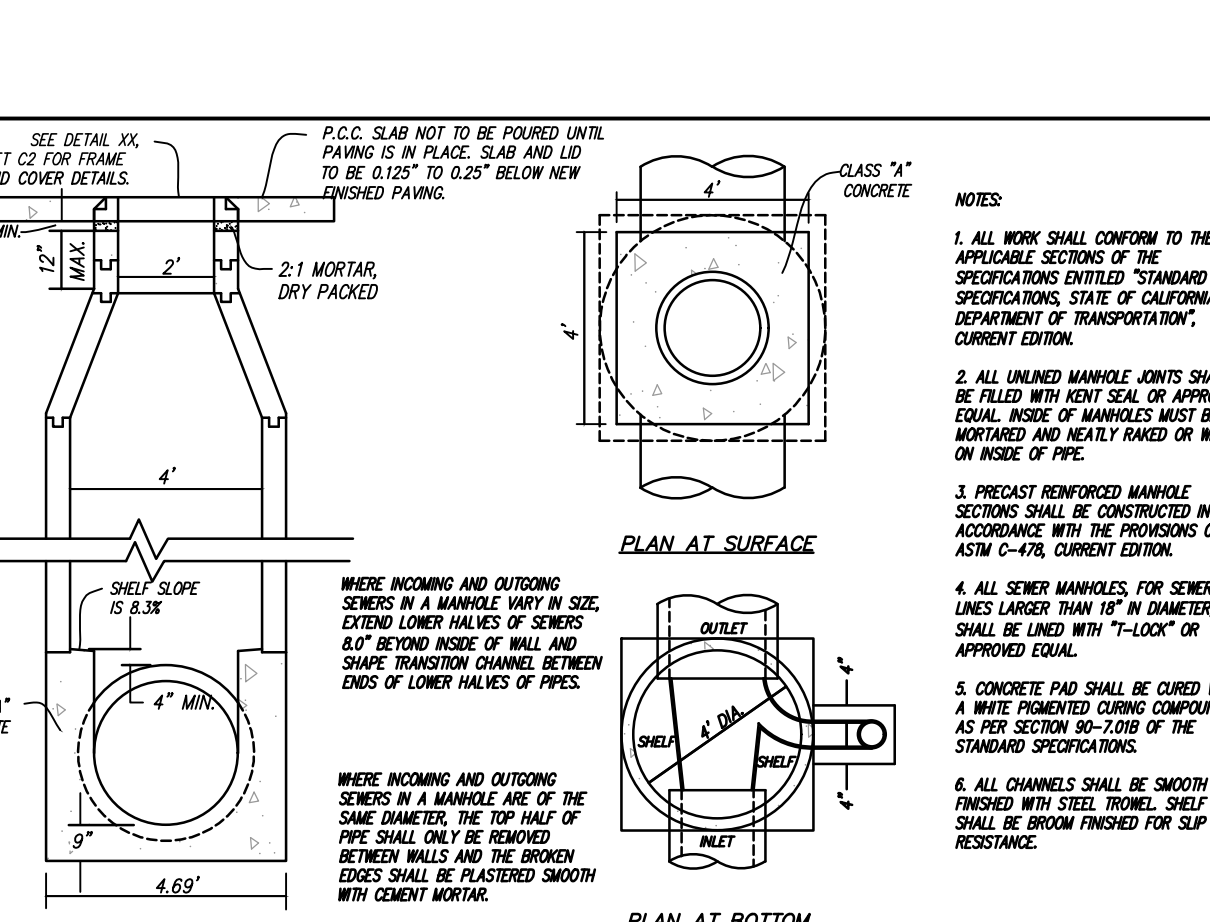
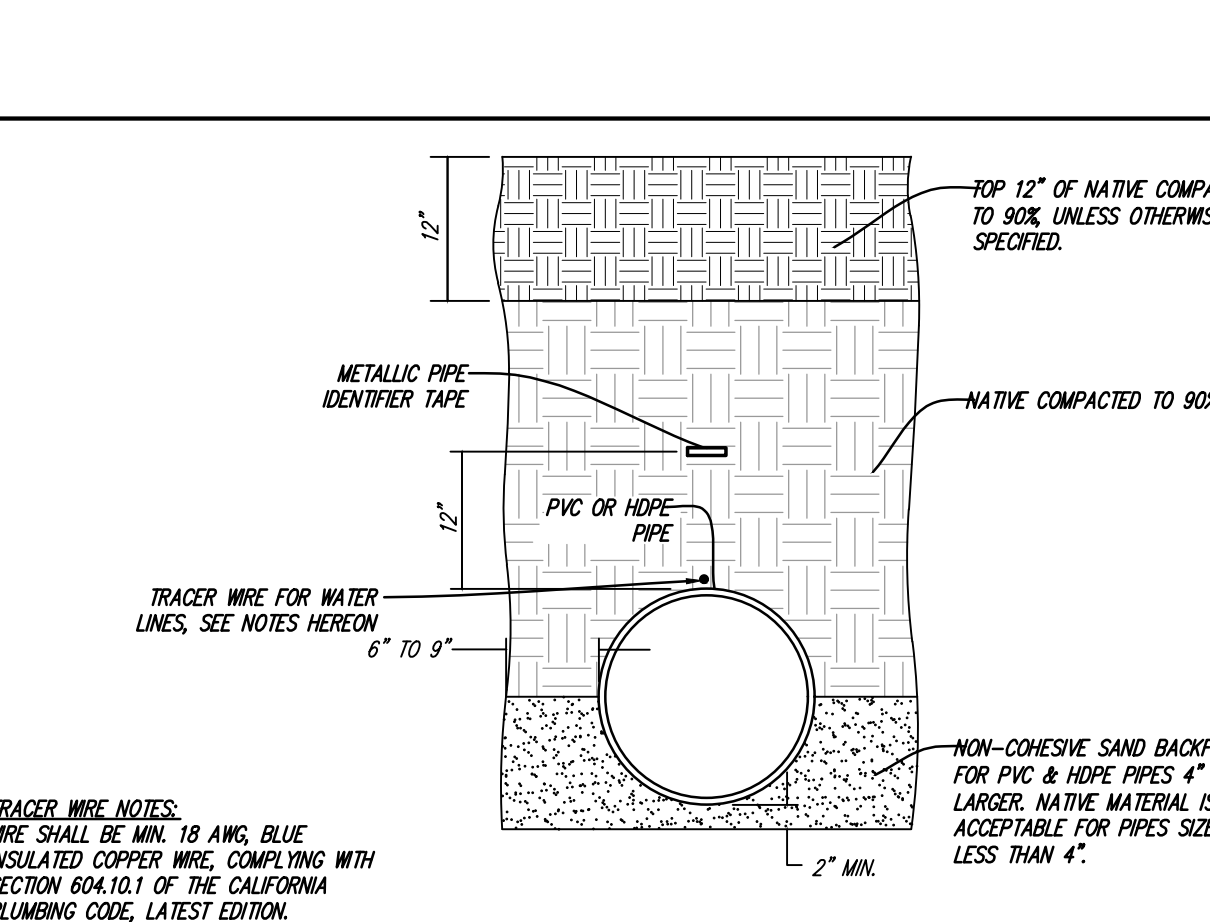
4. UNDERGROUND SERVICE ALERT (USA) SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS BEFORE CONSTRUCTION. TELEPHONE (1-800-642-2444).

5. CONTRACTOR TO CALL FOR USA LOCATE AND POT-HOLE ALL MARKED UTILITIES THAT CROSS OR ARE WITHIN 5' HORIZONTAL DISTANCE OF SEWER AND STORM DRAIN LINES. VERTICAL AND HORIZONTAL LOCATION SHALL BE ASCERTAINED BY THE CONTRACTOR AHEAD OF ANY EXCAVATIONS TO VERIFY THAT THE PROPOSED DESIGN DOES NOT CONFLICT WITH ANY UTILITIES. IN THE EVENT A CONFLICT EXISTS THE ENGINEER SHALL BE NOTIFIED IN ORDER TO REDESIGN THE ALIGNMENT. IF RELOCATION OF EXISTING UTILITIES IS DEMAND NECESSARY, THE CONTRACTOR SHALL BE COMPENSATED FOR INSTRUCTED RELOCATION. IF RELOCATION OF THE ALIGNMENT REQUIRES ADDITIONAL FITTINGS, PIPE, OR EXCAVATION THE CONTRACTOR SHALL BE COMPENSATED FOR REVISION. IN THE EVENT A UTILITY IS DAMAGED, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ITS REPAIR.

6. CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SEWER AND STORM DRAIN LINES THAT THE NEW SYSTEM TIES INTO PRIOR TO TRENCHING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY ADJUSTMENTS MAY BE MADE. UTILITIES SHALL BE THOROUGHLY RESEARCHED AND LOCATED BY THE CONTRACTOR PRIOR TO TRENCHING. CROSSING UTILITIES SHALL BE DAYLIGHTED AND CHECKED FOR GRADE BY THE CONTRACTOR PRIOR TO TRENCHING.

7. SEWER MAINS/ WATER MAIN CROSSINGS SHALL BE CONSTRUCTED SO THAT THE SEWER MAIN IS A MINIMUM OF 12" BELOW THE WATER MAIN.

6 W-12 VALVE BOX



10 CLEANOUT TO GRADE

11 PVC/HDPE TRENCH DETAIL

12 STD. MANHOLE - TYPE 'A'

13 MANHOLE FRAME AND COVER

COMPLIANCE FORMS, WORKSHEETS AND REFERENCE MATERIAL

Construction Waste Management (CWM) Plan

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Project Name: CITY VIEW HOUSING
Job #: 23-022
Project Manager: STEPHEN PELZ
Waste Hauling Company: SOUTHSIDE SANITATION
Contact Name: SUPERVISOR

All Subcontractors shall comply with the project's Construction Waste Management Plan.
All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

Subcontractors who fail to comply with the Waste Management Plan will be subject to backcharges or withholding of payment, as deemed appropriate. For instance, Subcontractors who contaminate debris boxes that have been designated for a single material type will be subject to backcharge or withheld payment, as deemed appropriate.

1. The project's overall rate of waste diversion will be **65%**.
2. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible. The majority of the waste that is generated on this jobsite will be diverted from the landfill and recycled for reuse.
3. Separable and recyclable materials that will be generated on this project, the diversion strategy for each waste type and the anticipated diversion rate.
4. Waste prevention and recycling activities will be discussed at the beginning of weekly subcontractor meetings. As each new subcontractor comes on-site, the WMP Coordinator will present him/her with a copy of the CWM Plan and provide a tour of the jobsite to familiarize them to the storage and the procedures for handling jobsite debris. All Subcontractor foremen will acknowledge in writing that they have read and will abide by the CWM Plan. Subcontractor Acknowledgment Sheet enclosed. The CWM Plan will be posted at the jobsite trailer.
5. Salvage: Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner or donated to a local charity.
6. **SOUTHSHORE SANITATION** will provide a committed drop box at the jobsite for most of the construction waste. These committed drop boxes will be taken to **8665 S. UNION AVENUE**. The average diversion rate for committed waste will be **65%**. As site conditions permit, additional drop boxes will be used for particular phases of construction (e.g., concrete and wood waste) to ensure the best waste diversion possible.
7. In the event that the waste diversion rate achievable via the strategy described in (6) above, is projected to be lower than what is required, then a strategy of source-separated waste diversion and/or water stream reduction will be implemented. Source separated waste refers to jobsite waste that is not commingled but is instead allocated to a debris box designated for a single material type, such as:

Notes:

1. Waste stream reduction refers to efforts taken by the builder to reduce the amount of waste generated by the project to below 4 (four) pounds per square foot of building area.
2. When using waste stream reduction measures, the gross weight of the product is subtracted from a base weight of four (4) pounds per square foot of building area. This reduction is considered additional diversion and can be used in the waste reduction percentage calculations.
3. **SOUTHSIDE SANITATION** will track and calculate the quantity (in tons) of all waste leaving the project and calculate the waste diversion rate for the project. **SOUTHSIDE SANITATION** will provide Project Manager with an updated monthly report on gross weight hauled and the waste diversion rate achieved on the project. **SOUTHSIDE SANITATION** monthly report will track separately the diversion of the designated waste stream and the diversion of the waste stream leaving the project. In the event that **SOUTHSIDE SANITATION** does not service any or all of the debris boxes on the project, the **SOUTHSIDE SANITATION** will work with the responsible parties to track the material type and weight (in tons) in such debris boxes in order to determine waste diversion rates for these materials.
4. In the event that Subcontractors furnish their own debris boxes as part of their scope of work, such Subcontractors shall not be excluded from complying with the CWMF Plan and will provide **SOUTHSIDE SANITATION** weight and waste diversion data for their project.
5. In the event that site use constraints (such as limited space) restrict the number of debris boxes that can be used for collection of designated waste the project Superintendent will, as deemed appropriate, allocate specific areas onsite where individual material types are to be consolidated. These collection points will not be to contaminated with non-designated waste types.
6. Debris collection and meeting rooms will be collected by **SOUTHSIDE SANITATION** and **SOUTHSIDE SANITATION** will be responsible for the collection of all other debris. **SOUTHSIDE SANITATION** will collect all debris from the project, including but not limited to, **SOUTHSIDE SANITATION** COMPANY's, at a minimum, recycle office paper, plastic, metal and cardboard.

8-6

SUPPLEMENT—BLUE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
EFFECTIVE JULY 1, 2024

COMPLIANCE FORMS, WORKSHEETS AND REFERENCE MATERIAL

Construction Waste Management (CWM) Worksheet

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Project Name: CITY VIEW HOUSING

Job Number: 23-022

Project Manager: STEPHEN PELZ

Waste Hauling Company: SOUTHSIDE SANITATION

Construction Waste Management (CWM) Plan

WASTE MATERIAL TYPE	DIVERSION METHOD:		PROJECTED DIVERSION RATE
	COMMINGLED AND SORTED OFF SITE	SOURCE SEPARATED ON SITE	
Asphalt			
Concrete			
Shotcrete		XX	65
Metals			
Wood			
Rigid insulation			
Fiberglass insulation			
Acoustic ceiling tile			
Gypsum drywall			
Carpet/carpet pad			
Plastic pipe		XX	65
Plastic buckets		XX	65
Plastic		XX	65
Hardiplank siding and boards			
Glass			
Cardboard			
Pallets		XX	65
Job office trash, paper, glass & plastic bottles, cars, plastic			
Alkaline and rechargeable batteries, toner cartridges and electronic devices			
Other:			
Other:			
Other:			
Other:			

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE SUPPLEMENT—BLUE
EFFECTIVE JULY 1, 2024

8-7

COMPLIANCE FORMS, WORKSHEETS AND REFERENCE MATERIAL

Construction Waste Management (CWM) Acknowledgment

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Project Name: CITY VIEW HOUSING

Job Number: 23-022

Project Manager: STEPHEN PELZ

Waste Hauling Company: **SOUTHSIDE SANITATION**

CWM Plan Acknowledgment

The Foreman for each new Subcontractor that comes on site is to receive a copy of the Construction Waste Management Plan and complete this Acknowledgment Form.

I have read the Waste Management Plan for the project; I understand the goals of this plan and agree to follow the procedures described in this plan.

[illegible]2022 CALIFORNIA GREEN BUILDING STANDARDS CODE SUPPLEMENT—BLUE
EFFECTIVE JULY 1, 2024

8-8.