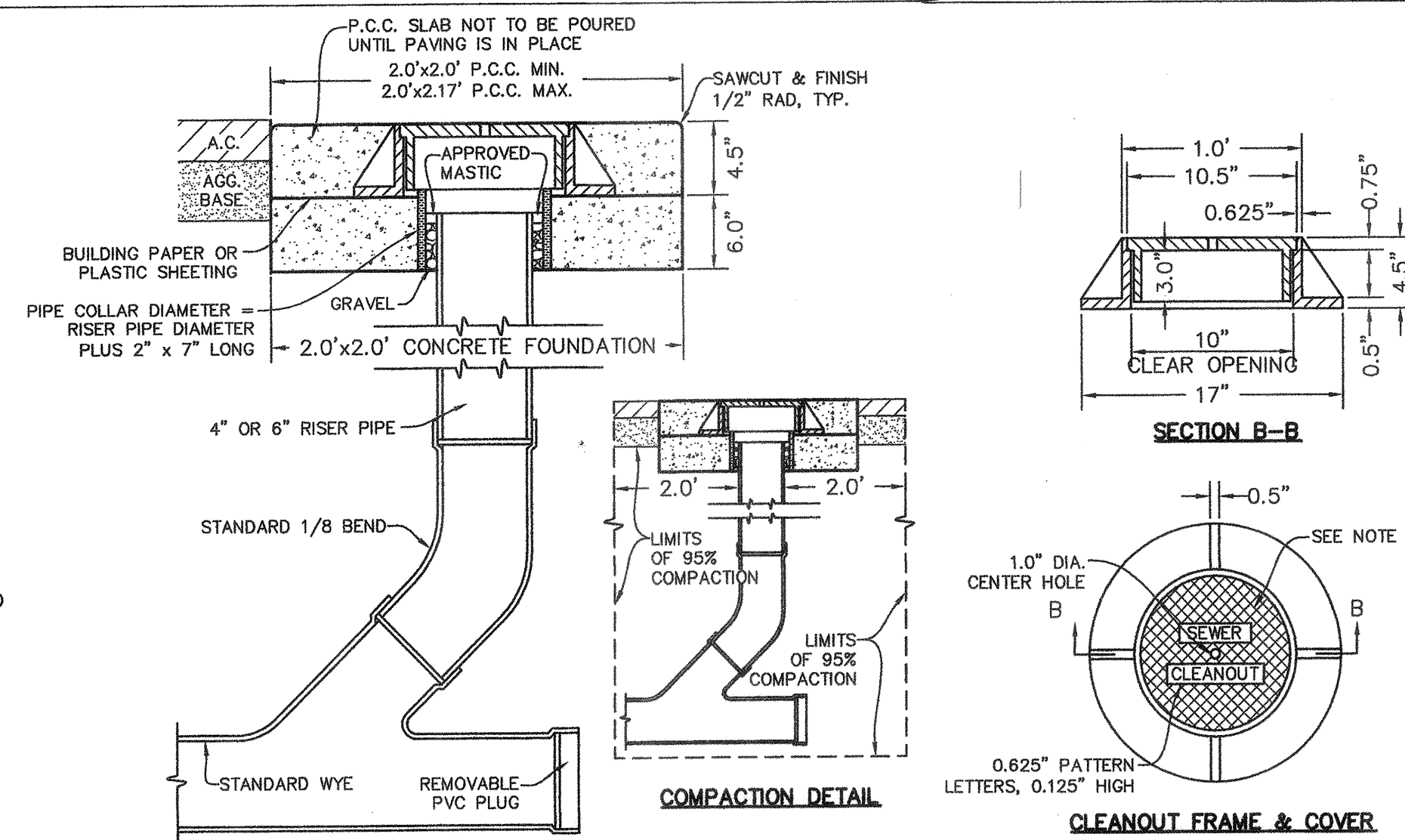
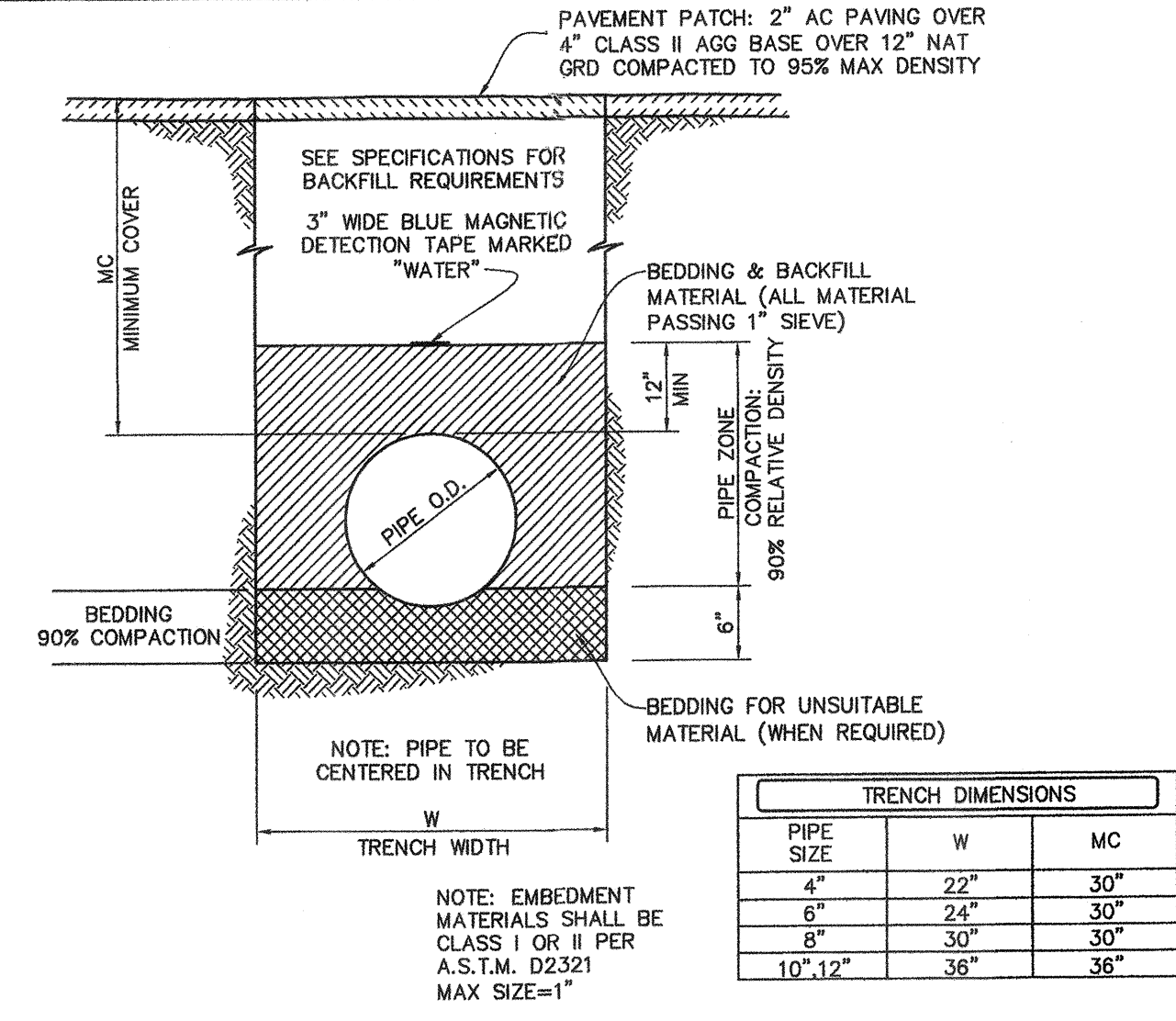


- CLEANOUT NOTES:**
1. ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE SPECIFICATIONS ENTITLED "STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION", APPROVED CURRENT EDITION.
 2. ALL CONCRETE SHALL BE CLASS "A".
 3. CONCRETE SHALL HAVE NO ADDITIVES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
 4. CONCRETE SHALL BE CURED WITH A WHITE PIGMENTED CURING COMPOUND PER SEC. 90-7.01B OF THE STANDARD SPECS.
 5. TOP OF SLAB SHALL BE TROWELED SMOOTH AND GIVEN A LIGHT BROOM FINISH.
 6. 95% RELATIVE COMPACTION IS REQUIRED FOR ALL BACKFILL WITHIN 24" OF THE RISER PIPE.
 7. BUILDING PAPER OR PLASTIC SHALL BE PLACED BETWEEN THE 6" CONCRETE FOUNDATION AND 4.5" SLAB.
 8. FILL CAVITY BETWEEN PIPE AND COLLAR WITH GRAVEL TO WITHIN 1/2" OF TOP OF PIPE. CAULK REMAINING 1/2" WITH APPROVED MASTIC TO TOP OF PIPE FOR WATER TIGHT SEAL.
 9. COLLAR SHALL BE VCP, ABS, OR PVC PIPE.
 10. FINISHED PCC SLAB TO BE 1/8" MIN. AND 1/4" MAX. BELOW FINISHED PAVING SURFACE.
- CLEANOUT COVER NOTES:**
1. ALL FRAMES AND COVERS SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS PRIOR TO DELIVERY.
 2. THE SEATS OF FRAMES AND BEARING FACES OF THE COVERS SHALL BE MACHINED FOR A SMOOTH NON-ROCKING FIT BETWEEN THE TWO CASTINGS.
 3. CASTINGS SHALL BE THOROUGHLY CLEANED AND DIPPED TWICE IN A QUICK-DRYING, JET-BLACK ASPHALTIC COMPOUND TO PROVIDE A PROTECTIVE COATING.
 4. ALL FRAMES AND COVERS SHALL BE GRAY CAST IRON, FREE FROM WARPS, CRACKS, HOLES, SWELLS AND COLD-SHOT, AND SHALL HAVE A WORKMANLIKE FINISH. HIGHWAY LOADING SHOULD BE HS 20-44.
 5. CASTING SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR GRAY-IRON CASTINGS, SERIAL DESIGNATION ASTM: A-48 (LATEST REVISION), CLASS No. 30B.
 6. THE NAME OF THE MANUFACTURING COMPANY SHALL BE ON THE UNDERSIDE OF THE COVER.
 7. ASSEMBLY SHALL BE DESIGNED FOR HIGHWAY LOADING OF HS 20-44.
 8. 2.0"x1.0" DIAMOND MAT 0.125" DEEP.



CLEANOUT SECTION
SEWER CLEANOUT DETAIL
N.T.S.

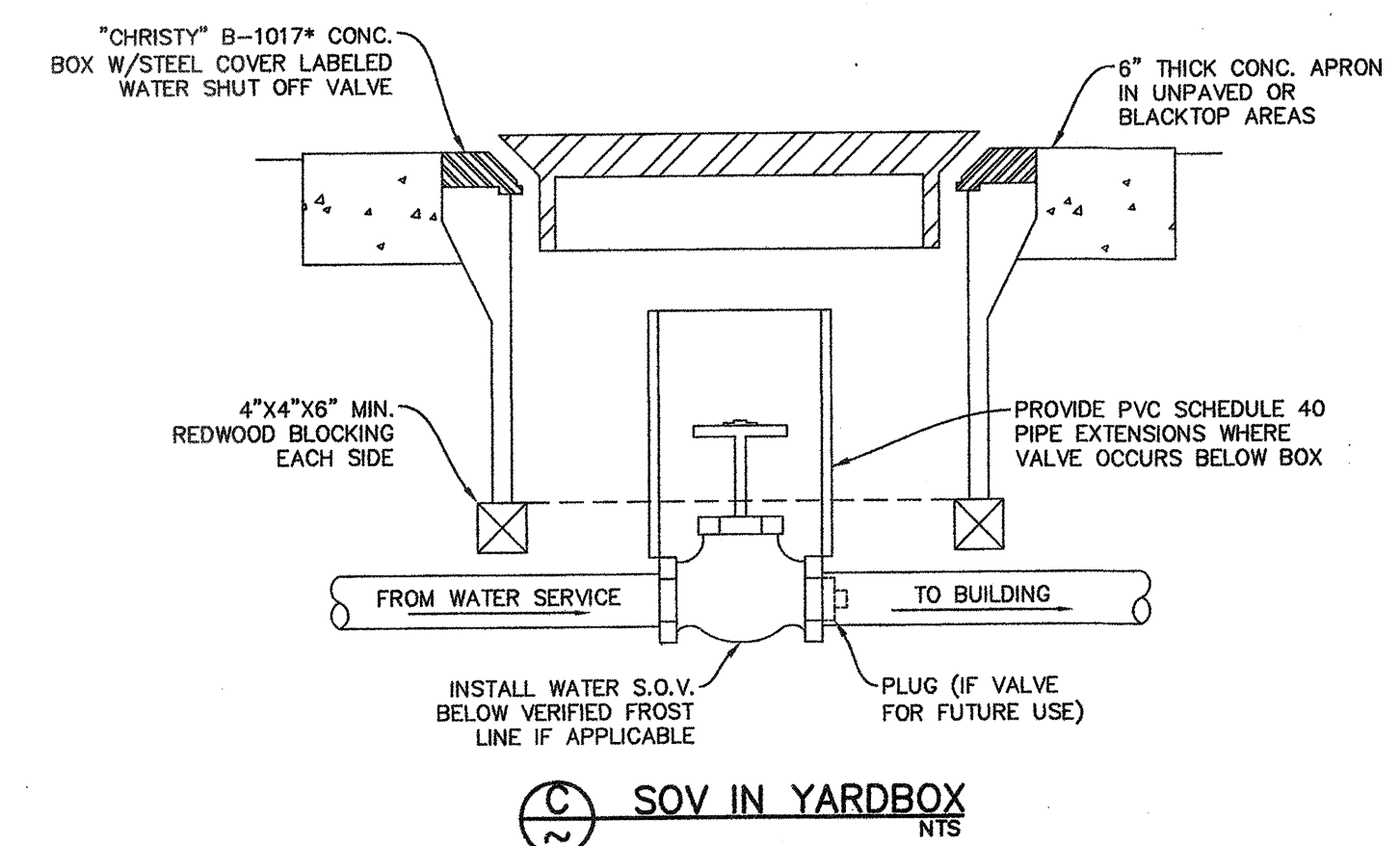


TYPICAL PVC PIPE TRENCH SECTION
NTS

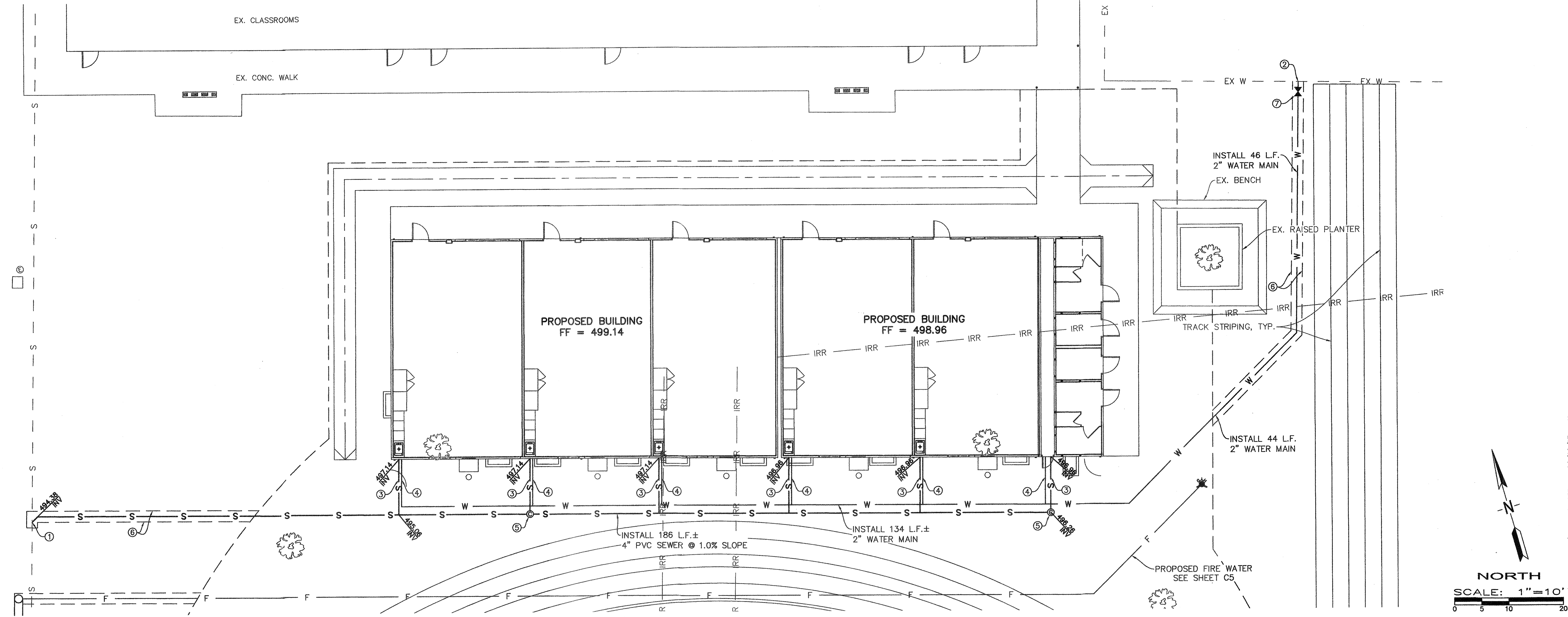
- LEGEND:**
- DESIGN GRADE
 - DESIGN SLOPE
 - EXISTING GRADE
 - EXISTING SLOPE
 - PROPOSED ACCESSIBLE PATH OF TRAVEL
 - PROPOSED SEWER LINE
 - PROPOSED WATER LINE
 - PROPOSED FIRE WATER LINE
 - EXISTING SEWER LINE
 - EXISTING WATER LINE
 - EXISTING GAS LINE
 - EXISTING ELECTRICAL LINE
 - EXISTING TELEPHONE LINE
 - EXISTING IRRIGATION LINE
 - EXISTING FENCE
 - EXISTING WROUGHT IRON FENCE
 - EXISTING ELECTRICAL LID
 - EXISTING TELEPHONE BOX
 - EXISTING IRRIGATION BOX
 - EXISTING SEWER LID
 - EXISTING CLEANOUT LID
 - EXISTING WATER LID
 - EXISTING GAS LID
 - EXISTING LIGHT STANDARD
 - EXISTING SIGN
 - EXISTING POWER POLE

- SEWER AND DOMESTIC WATER CONSTRUCTION NOTES:**
1. TIE INTO EXISTING SEWER. MINIMUM DEPTH TO INVERT OF SEWER SHALL BE 4.0' FROM TOP OF EXISTING PAVEMENT AND MINIMUM SIZE SHALL BE 4". CONTRACTOR SHALL VERIFY SIZE, LOCATION AND DEPTH OF SEWER IN FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES. IF MINIMUM SIZE AND DEPTH ARE NOT ACCEPTABLE, CONTRACTOR NOTIFY ENGINEER FOR ALTERNATE ROUTE.
 2. TIE INTO EXISTING WATER LINE. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF EXISTING MAIN IN FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
 3. STUB 10.0 L.F. 2" PVC SEWER @ 2% MIN SLOPE TO BUILDING PER DETAIL (C/C5). COORDINATE SIZE, LOCATION & DEPTH WITH BUILDING PLANS.
 4. STUB 8.5 L.F. 3/4" PVC WATER PER DETAIL (B/C6). COORDINATE SIZE, LOCATION & DEPTH WITH BUILDING PLANS.
 5. CONSTRUCT SEWER CLEAN-OUT (100' MAX SPACING) PER DETAIL (A/C4).
 6. SAWCUT EXISTING ASPHALT PAVEMENT, TRENCH & BACKFILL PER DETAIL (B/C4).
 7. INSTALL WATER SHUT-OFF VALVE PER DETAIL (C/C4).

- NOTES:**
1. CONTRACTOR SHALL INSTALL ALL ELBOWS, TEES & APPURTENANCES AS NECESSARY TO FURNISH A COMPLETE PROJECT.
 2. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, LANDSCAPING, IRRIGATION, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES.
 3. EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS PROVIDED BY THE OWNER. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF CONFLICTING UTILITIES WITH OWNER.



SOV IN YARDBOX
NTS



PRIME CONSULTANT

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661.327.0362 FAX 661.327.1065

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-241
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-118380
AC/PL/FLS/SS/CA
DATE OCT 25 2017

BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS INTERMEDIATE -
815 EUREKA ST. BAKERSFIELD CA, 93305

OPSC or OSHPD PROJ. NO:

PROJECT NO:	16241.000
DRAWN BY:	Author
CHKD BY:	Checker
ISSUE DATE:	08/29/2017

**CIVIL IMPROVEMENTS
SEWER AND WATER
PLAN**

SHEET NUMBER

C4

CONSTRUCTION DOCUMENTS

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