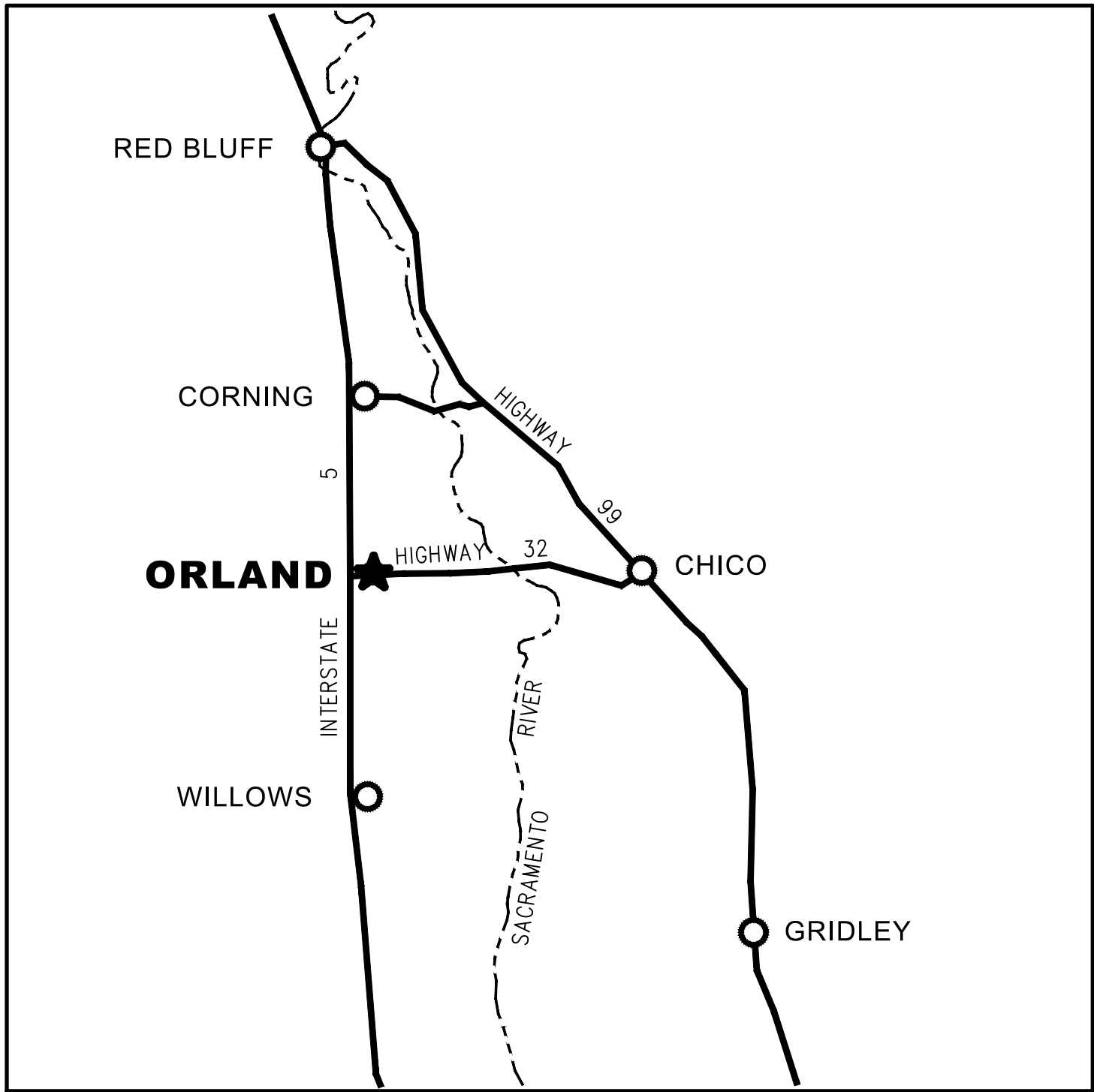


STATE OF CALIFORNIA  
CALIFORNIA NATURAL RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

DIVISION OF INTEGRATED REGIONAL WATER MANAGEMENT  
SMALL COMMUNITY DROUGHT RELIEF PROGRAM  
CITY OF ORLAND  
ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5

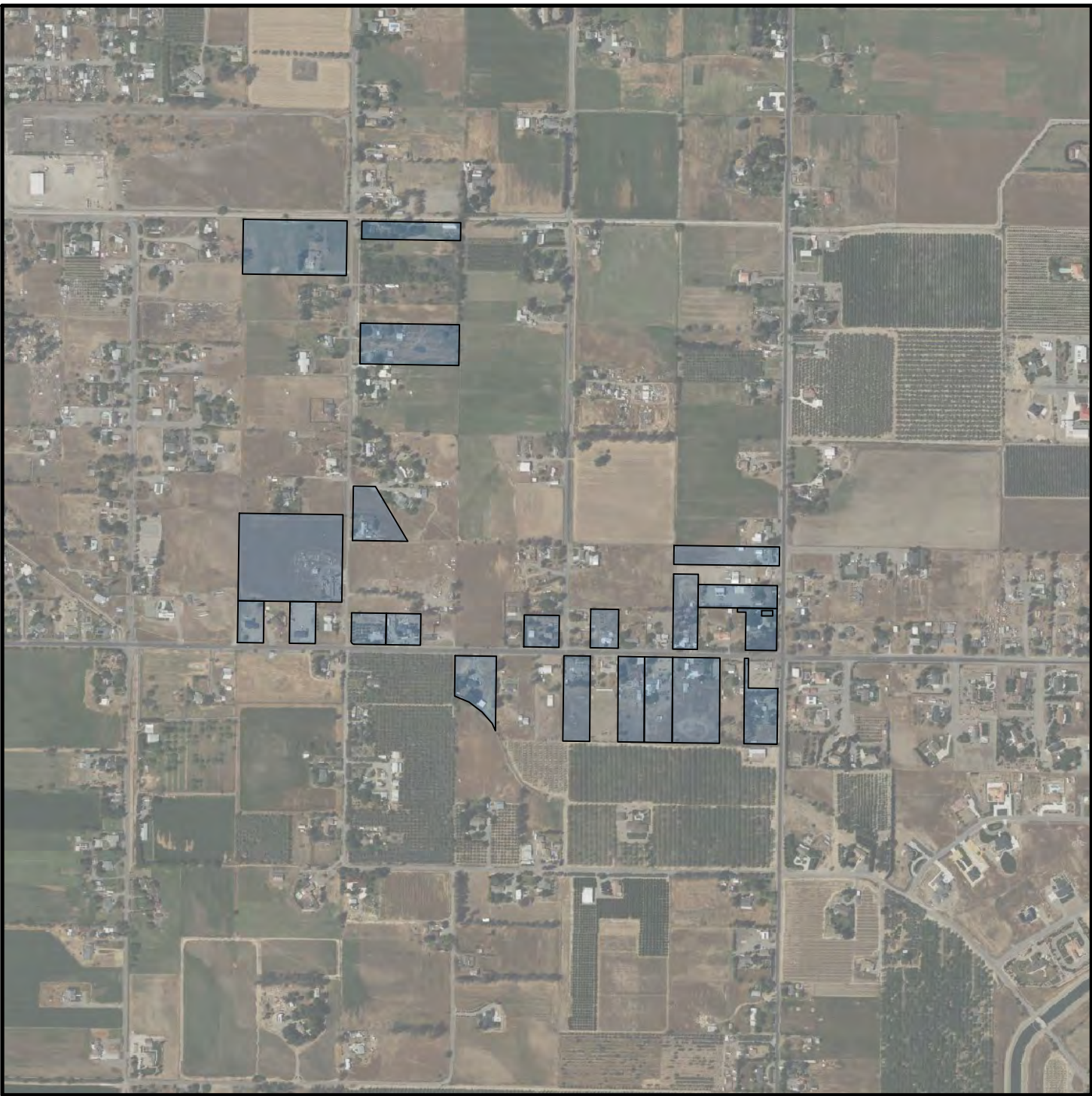


VICINITY MAP

NO SCALE

SHEET INDEX

1	TITLE SHEET
2	LAYOUT SHEET
3-7	SERVICE LOCATIONS
8	DETAILS



LOCATION MAP

NO SCALE

APPROVED BY:

*Paul W. Rabo*

PAUL W. RABO, RCE 72209

CITY ENGINEER

REGISTRATION EXPIRES: 6-30-26

DATE: *8-29-25*



PREPARED BY:



GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE PROJECT PLANS, SPECIFICATIONS AND THE CITY OF ORLAND IMPROVEMENT STANDARDS. WHERE THE PLANS AND SPECIFICATIONS DO NOT AGREE WITH THE CITY OF ORLAND IMPROVEMENT STANDARDS, THE PLANS AND SPECIFICATIONS SHALL GOVERN.
- THE LOCATION AND DEPTH OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXISTENCE, LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA NORTH) AT 811 AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL APPLY EITHER WATER OR DUST PALLATIVE OR BOTH FOR THE ALLEVIATION OF DUST NUISANCE AS DIRECTED BY THE ENGINEER.
- THE CITY MAY TEST COMPACTION AT ANY LOCATION IN AREAS TO BE COMPACTED. THE CONTRACTOR SHALL PAY THE COST OF ALL FAILED TESTS.
- THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR AT (530) 895-1422 AT LEAST 24 HOURS PRIOR TO BEGINNING OR RESUMING WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL COORDINATE ALL WORK ON THIS PROJECT WITH THE PUBLIC WORKS DIRECTOR AT (530) 865-1610. IN CASE OF EMERGENCY, THE CONTRACTOR SHALL NOTIFY THE CITY OF ORLAND POLICE DEPARTMENT OFFICE (911).
- LOW OVERHEAD POWER AND TELEPHONE FACILITIES EXIST ADJACENT TO THE PROJECT WORK AREA. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID THE OVERHEAD FACILITIES, AND SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED FACILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND IMPROVEMENTS WITHIN AND ADJACENT TO THE PROJECT AREA. ANY EXISTING UTILITIES OR IMPROVEMENTS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED WITHIN FIVE (5) FEET OF THE WATER METER.



SCALE 1"=300'



WATER SERVICE TABLE						
PARCEL ID	APN	ADDRESS	METER SIZE	WATER SERVICE SIZE	BACKFLOW PREVENTION ASSEMBLY	
					INSTALL BPA	SIZE
03-11	047-020-023-000	4248 County Road KK	1"	1"	Yes	1"
03-12	047-010-033-000	4239 County Road KK	1"	1"	Yes	1"
03-14	047-020-005-000	4222 County Road KK	1"	1"	Yes	1"
03-14	047-020-005-000	4226 County Road KK	1"	1"	No	
03-15	047-060-032-000	4190 County Road KK	1"	1"	Yes	1"
03-16	047-050-020-000	4179 County Road KK	1"	1"	Yes	1"
04-02	047-060-025-000	6588 County Road 20	1"	1"	Yes	1"
04-03	047-160-050-000	6607 County Road 20	1"	1"	Yes	1"
04-04	047-060-018-000	6622 County Road 20	1"	1"	Yes	1"
04-05	047-160-023-000	6629 County Road 20	1"	1"	Yes	1"
04-06	047-060-010-000	6634 County Road 20	1"	1"	Yes	1"
04-09	047-160-025-000	6639 County Road 20	1"	1"	Yes	1"
04-10	047-160-026-000	6643 County Road 20	1"	1"	Yes	1"
04-11	047-060-013-000	6648 County Road 20	1"	1"	Yes	1"
04-12	047-160-027-000	6651 County Road 20	1"	1"	Yes	1"
04-24	047-060-026-000	6592 County Road 20	1"	1"	Yes	1"
04-25	047-050-034-000	6562 County Road 20	1"	1"	Yes	1"
09-01	047-060-036-000	4173 County Road M	1"	1"	Yes	1"
09-02	047-060-021-000	4179 County Road M	1"	1"	Yes	1"
09-04	047-060-014-000	4187 County Road M	1"	1"	Yes	1"
16-03	047-050-036-000	6578 County Road 20	2"	2"	Yes	1"
16-04	047-160-030-000	4155 County Road M	2"	2"	Yes	1"

LEGEND

- w — EXISTING UNDERGROUND WATER MAIN
- PROPOSED WATER SERVICE (METER TO WELL OR POC)
- [M] EXISTING WATER METER
- [D] PROPOSED DISCONNECTION FROM EXISTING WELL
- [B] PROPOSED BACKFLOW PREVENTION ASSEMBLY
- [C] PROPOSED POINT OF CONNECTION PRIVATE WATER LINE
- [09-01] PARCEL ID
- (N) NATIVE
- (G) GRAVEL
- (L) LANDSCAPE
- (C) CONCRETE
- (A) ASPHALT CONCRETE



8-13-25

APPROVED

*Paul W. Rago*  
DATE AUGUST, 2025

PREPARED FOR :

CITY OF ORLAND

**RAR**  
**ROLLS ANDERSON & ROLLS**  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - LAYOUT

DESIGNED	PWR
DRAWN	CAD
CHECKED	KLD
DRAWING NO.	2 OF 8
JOB NO.	21016



SCALE 1"=60'



0 60'  
THIS BAR ON THE  
ORIGINAL IS 1 INCH LONG

\\nas001\cadd\2010 - 2019\2015\2015-2016\Phase 2C Unit 5\2015-2016\2015-2016.dwg 28/07/25 10:29:26 AM



8-13-15

APPROVED

*Paul W. Rago*  
DATE AUGUST, 2025

PREPARED FOR :

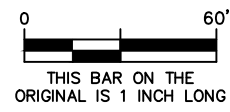
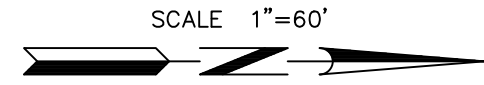
CITY OF ORLAND

**RAR**  
**ROLLS ANDERSON & ROLL**  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - SERVICE LOCATIONS

DESIGNED	PWR
DRAWN	CAD
CHECKED	KLD
DRAWING NO.	3 OF 8
JOB NO.	21016





8-13-15

APPROVED

*Paul W. Rago*  
DATE  
AUGUST, 2025

PREPARED FOR :

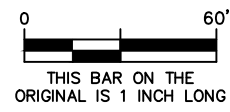
CITY OF ORLAND

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115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - SERVICE LOCATIONS

DESIGNED	PWR
DRAWN	CAD
CHECKED	KLD
DRAWING NO.	4 OF 8
JOB NO.	21016





8-13-15

APPROVED

*Paul W. Rago*  
DATE  
AUGUST, 2025

PREPARED FOR :

CITY OF ORLAND

**RAR**  
**ROLLS ANDERSON & ROLLS**  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE • CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - SERVICE LOCATIONS

DESIGNED	PWR
DRAWN	CAD
CHECKED	KLD
DRAWING NO.	5 OF 8
JOB NO.	21016



SCALE 1"=60'



0 60'  
THIS BAR ON THE  
ORIGINAL IS 1 INCH LONG



8-13-15

APPROVED

*Paul W. Rago*  
DATE  
AUGUST, 2025

PREPARED FOR :

CITY OF ORLAND

**RAR**  
**ROLLS ANDERSON & ROLLS**  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - SERVICE LOCATIONS

DESIGNED	PWR
DRAWN	CAD
CHECKED	KLD
DRAWING NO.	6 OF 8
JOB NO.	21016



SCALE 1"=60'



0 60'  
THIS BAR ON THE  
ORIGINAL IS 1 INCH LONG



8-13-15

APPROVED

*Paul W. Rolo*  
DATE  
AUGUST, 2025

PREPARED FOR :

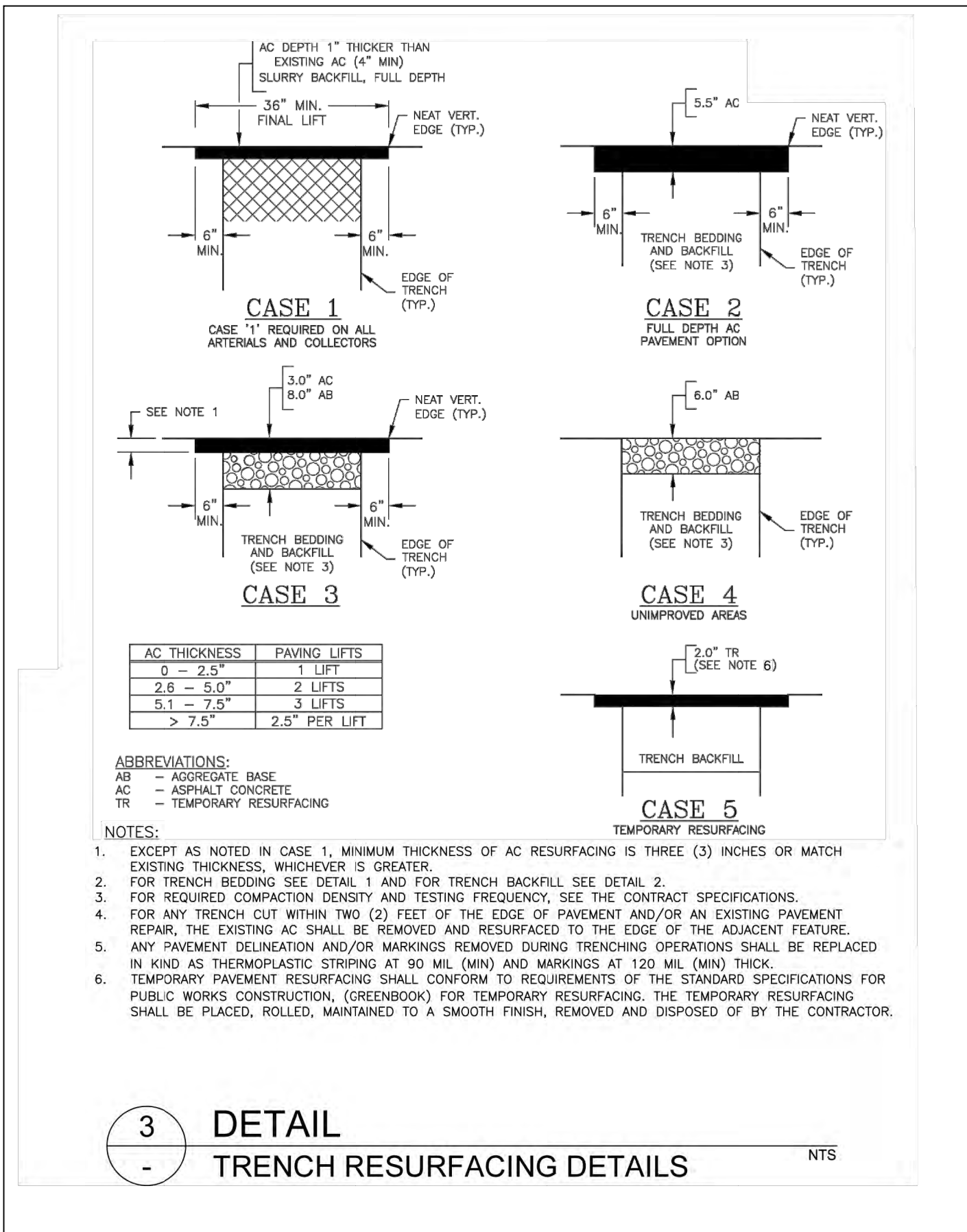
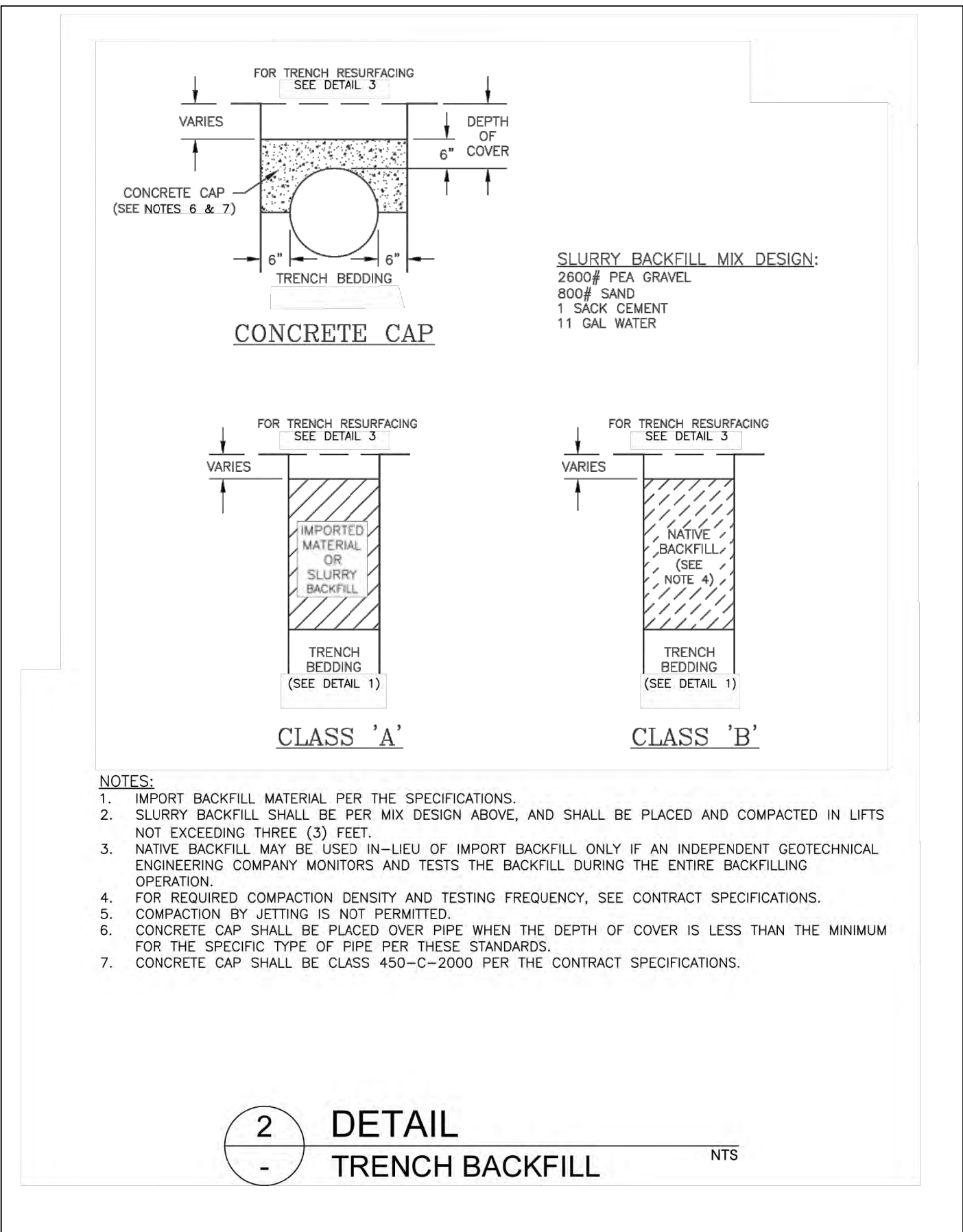
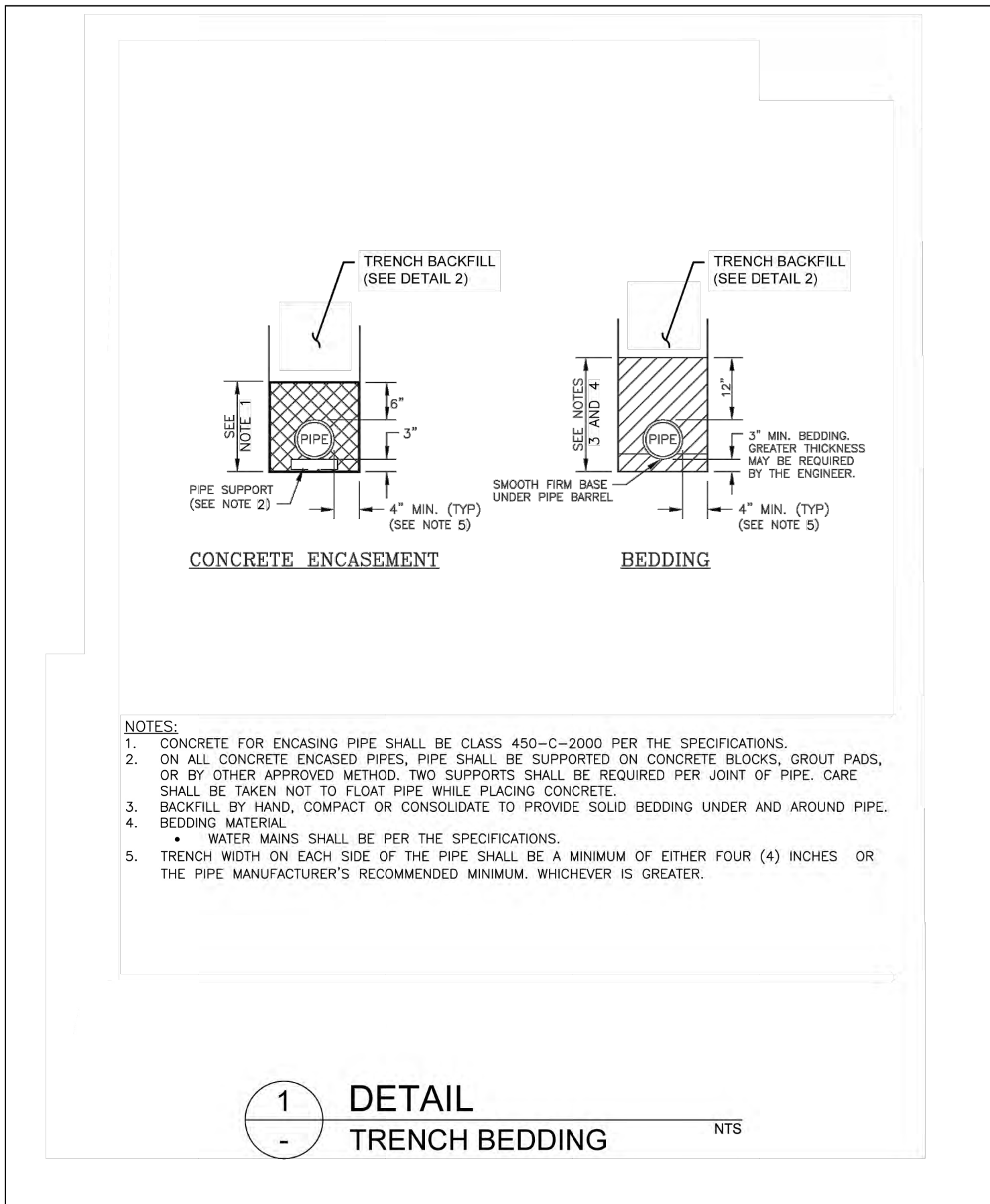
CITY OF ORLAND

**RAR**  
ROLLS ANDERSON & ROLS  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 95733-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - SERVICE LOCATIONS

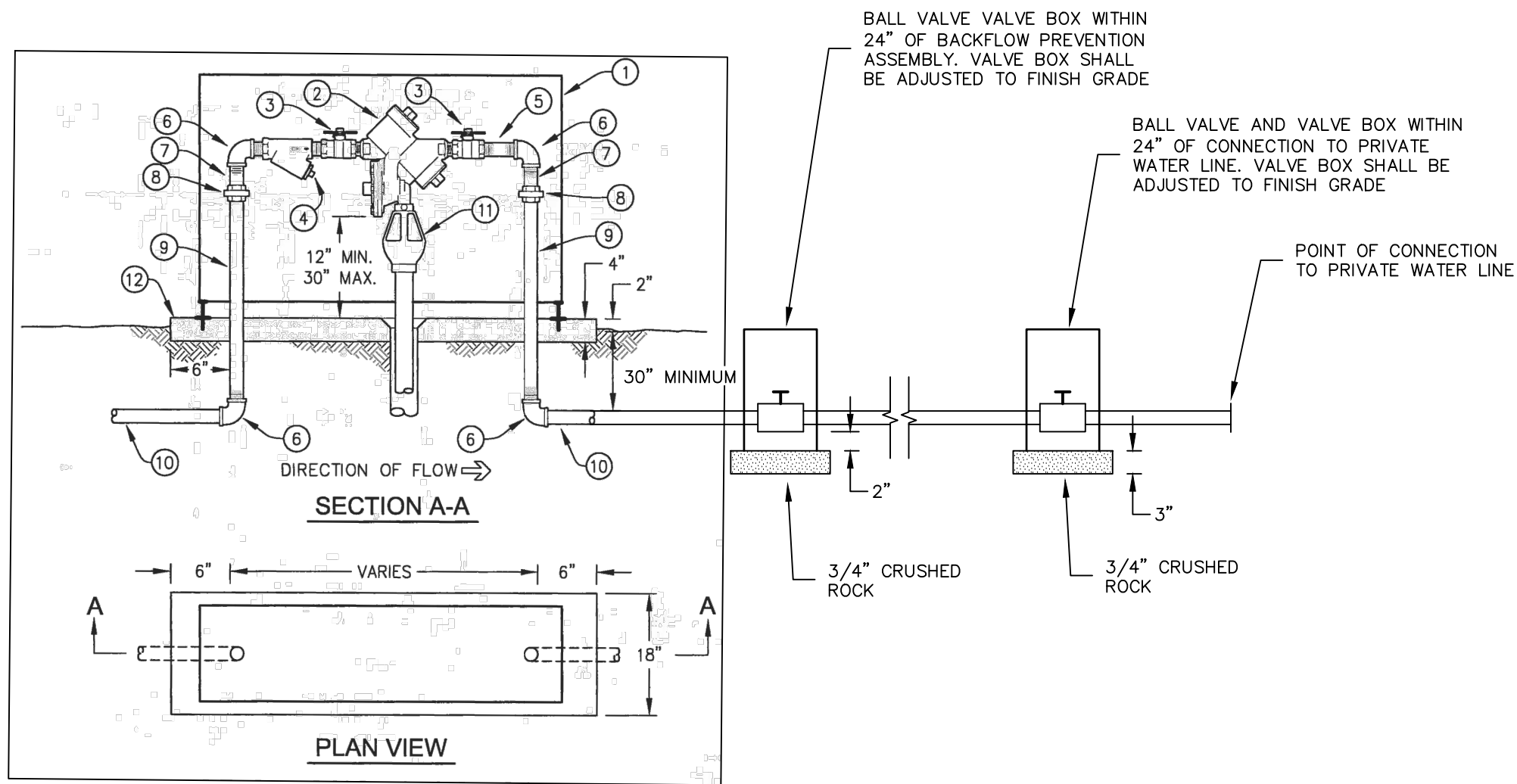
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CHECKED	KLD
DRAWING NO.	7 OF 8
JOB NO.	21016





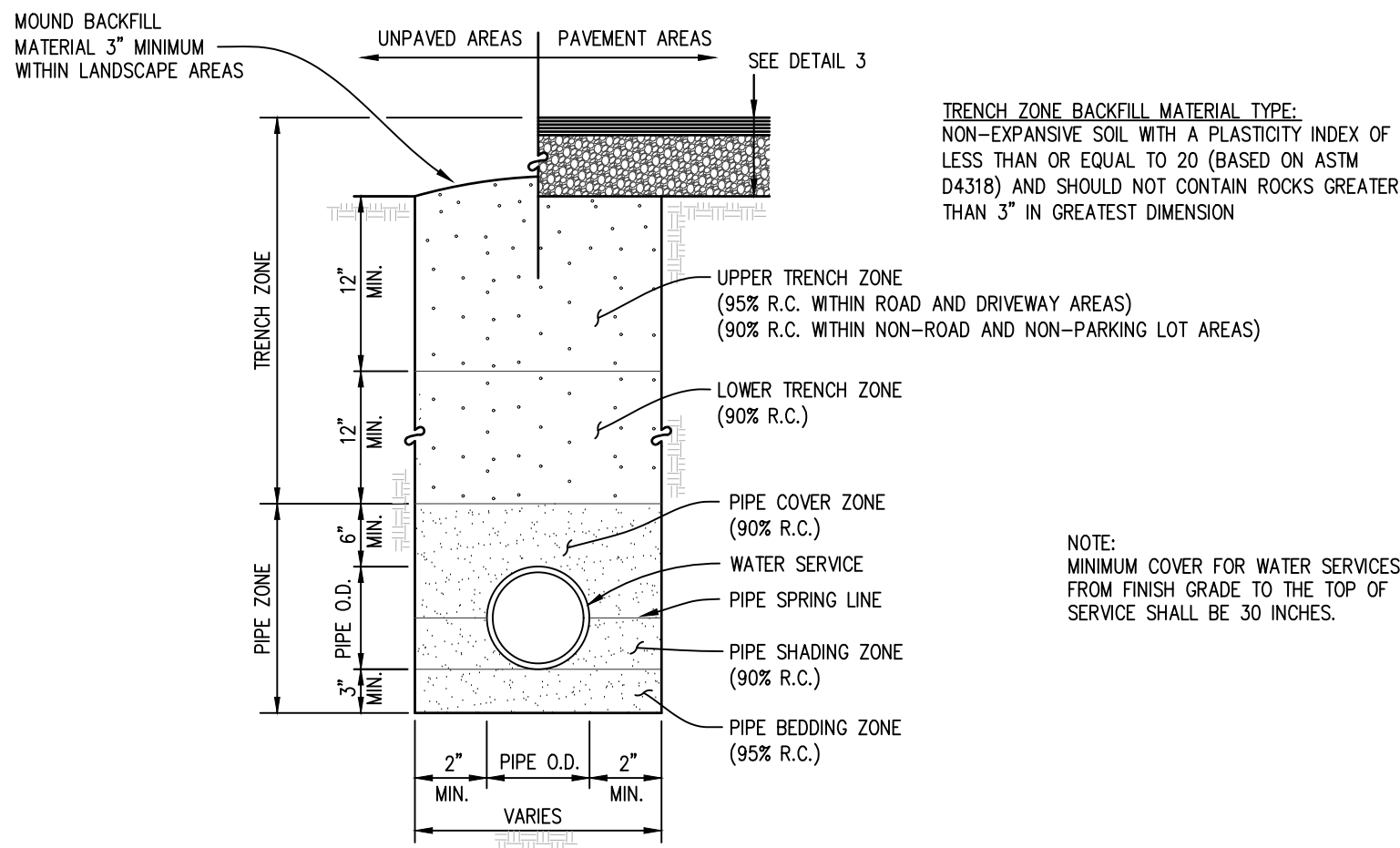
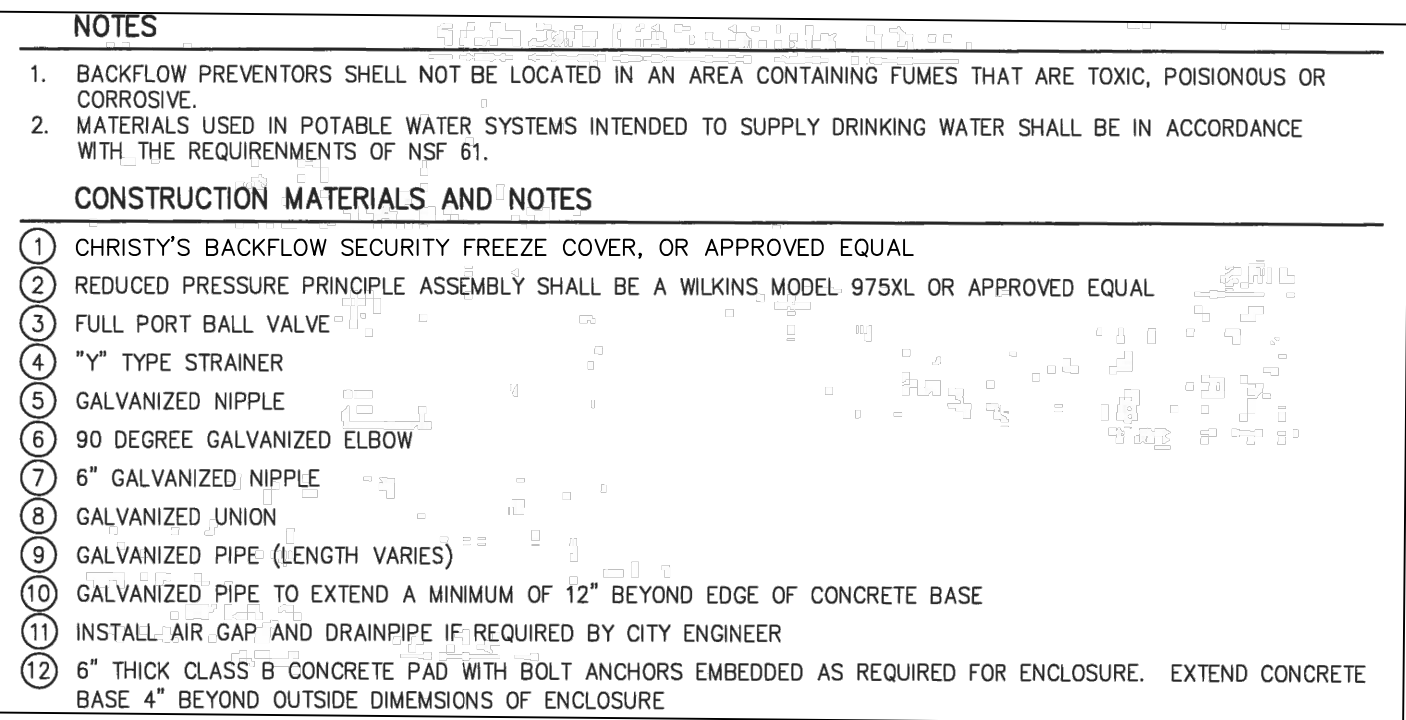
# BEDDING, BACKFILLING AND RESURFACING WITH ROADWAYS

NO SCALE



CITY STANDARD 310 BACKFLOW PREVENTION ASSEMBLY DETAIL

NO SCALE



NO SCALE



8-13-15

APPROVED

*Paul W. Raro*  
DATE  
AUGUST, 2025

PREPARED FOR :

CITY OF ORLAND

**RAR**  
**ROLLS ANDERSON & ROLL**  
CIVIL ENGINEERS  
115 YELLOWSTONE DRIVE CHICO, CALIFORNIA 9573-5811 • TELEPHONE 530-895-1422

ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT  
PHASE 2C UNIT #5 - DETAILS

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DRAWN	CAD
CHECKED	KLD
DRAWING NO.	8 OF 8
JOB NO.	21016