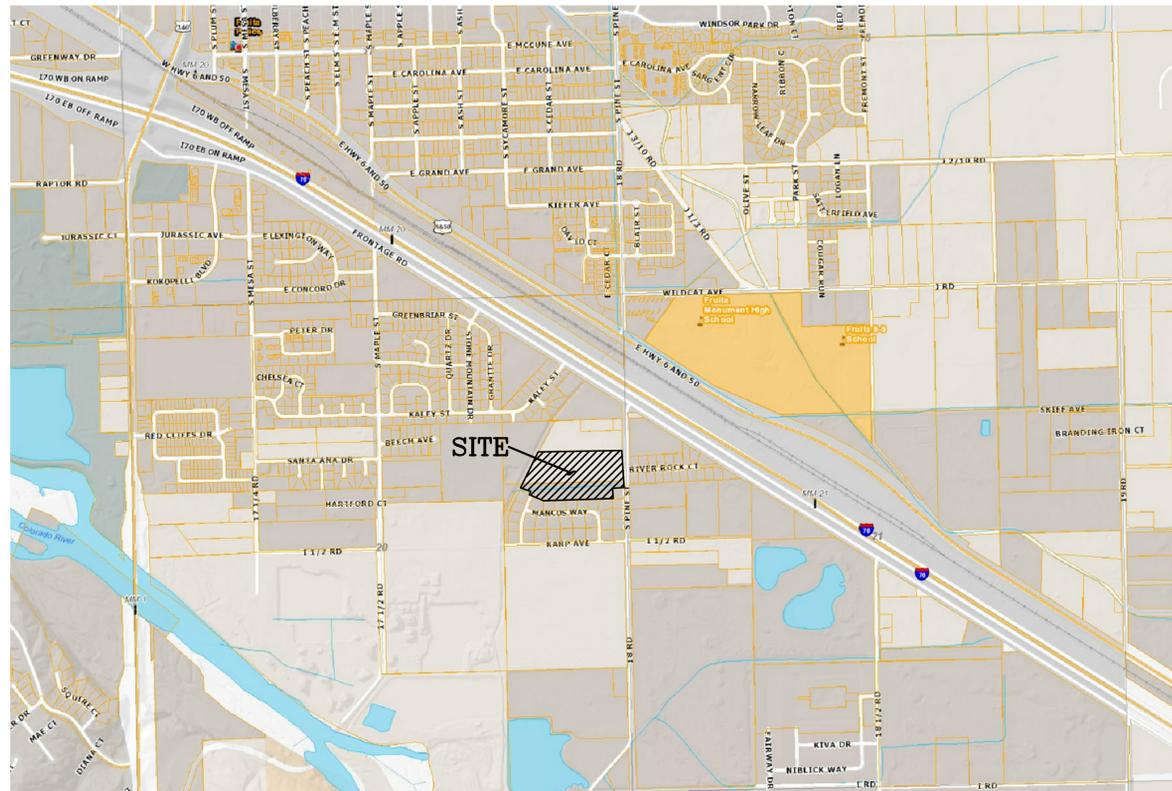


# ADOBE VIEW NORTH SUBDIVISION

PREPARED BY:  
**ROLLAND CONSULTING ENGINEERS, LLC**  
 405 RIDGES BLVD.  
 GRAND JUNCTION, CO. 81507  
 (970) 243-8300

PREPARED FOR:  
**Adobe View Development Company LLC**  
 P.O. Box 903 Rangely, CO 81648



**VICINITY MAP**  
 Not to Scale

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### UTILITY PROVIDERS:

<u>UTILITY COMPANY</u>	<u>PHONE NUMBER</u>
City of Fruita (Sanitary Sewer)-----	(970) 858-9558
Ute Water District-----	(970) 242-7491
Century Link (Telephone)-----	(970) 244-4311
Charter Cable Company-----	(970) 210-2550
Xcel Energy (Electric)-----	(800) 895-1999
Grand Valley Irrigation Company-----	(970) 242-2762
Grand Valley Drainage District-----	(970) 242-4343
Xcel Energy (Gas)-----	(800) 628-2121



Know what's below.  
 Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF  
 COLORADO CALL 2 BUSINESS DAYS IN  
 ADVANCE BEFORE YOU DIG, GRADE,  
 OR EXCAVATE FOR THE MARKING OF  
 UNDERGROUND MEMBER UTILITIES.

APPROVED FOR CONSTRUCTION

ACCEPTED AS CONSTRUCTED

CITY OF FRUITA ENGINEER

CITY OF FRUITA ENGINEER

DATE  
 (APPROVAL IS GOOD FOR ONE YEAR  
 FROM ABOVE DATE)

DATE



ADOBE VIEW NORTH  
 SUBDIVISION  
 COVER SHEET

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**GENERAL NOTES:**

- NOTES GIVEN HERE SHALL APPLY TO ALL SHEETS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF FRUITA 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS REQUIRED TO PERFORM CONSTRUCTION WITHIN CITY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING AND IMPLEMENTING A TRAFFIC CONTROL PLAN FOR ALL CONSTRUCTION ACTIVITIES IN CITY RIGHT-OF-WAY. CONTACT THE PUBLIC WORKS DEPARTMENT AT 858-9558 TO ACQUIRE AN EXCAVATION IN RIGHT-OF-WAY PERMIT AND TO SUBMIT A TRAFFIC CONTROL PLAN.
- INSTALLATION OF NEW IMPROVEMENTS, INCLUDING MATERIALS, CONSTRUCTION, PERFORMANCE, AND TESTING, SHALL BE IN STRICT ACCORDANCE WITH THE LATEST STANDARDS AND REQUIREMENTS ADOPTED BY THE CITY OF FRUITA. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF FRUITA. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE CITY OF FRUITA'S STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL FAMILIARIZE HIS/HERSELF WITH THE GEOTECHNICAL TESTING REQUIREMENTS OF THE CITY OF FRUITA. THE RESULTS OF THE REQUIRED TYPES OF TESTS AND NUMBERS OF PASSING TESTS SHALL BE FURNISHED TO THE CITY FOR VERIFICATION BEFORE FINAL ACCEPTANCE WILL BE GRANTED. ALL FAILING TESTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CITY ENGINEER OR HIS/HER REPRESENTATIVE, AND RETESTS SHALL BE PERFORMED UNTIL PASSING RESULTS ARE OBTAINED. ALL UTILITY LINES, INCLUDING SERVICE LINES FALLING WITHIN THE PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENTS SHALL BE TESTED.
- ONLY MATERIALS ON WHICH A PROCTOR TEST CAN BE PERFORMED AND ACCURATE NUCLEAR DENSITY TESTS CAN BE RUN ARE APPROVED FOR UTILITY TRENCH BACKFILL UNLESS OTHERWISE APPROVED BY THE ENGINEER (FLOWABLE FILL IS ACCEPTABLE).
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE CITY ENGINEER IN ADVANCE OF REQUIRED INSPECTIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF SITE CONDITIONS ARE ENCOUNTERED WHICH ARE DIFFERENT THAN AS SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF SITE CONDITIONS WARRANT A CHANGE IN DESIGN FROM THAT SHOWN ON THESE DRAWINGS.
- ALIGNMENT, CENTERLINE CURVE DATA, AND STATIONING TO BE VERIFIED FROM APPROVED SUBDIVISION PLAT BEFORE CONSTRUCTION.
- LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR IS TO CONTACT AFFECTED UTILITY FOR SPECIFIC LOCATIONS BEFORE DIGGING.
- PRIOR TO BEGINNING INSTALLATION OF NEW UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL EXCAVATE (POTHOLE) EXISTING UTILITIES AT ALL CROSSING POINTS TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES TO ENSURE THAT THE CROSSING CAN BE MADE AS SHOWN ON THESE DRAWINGS.
- NO CONSTRUCTION WORK SHALL BE PERFORMED OUTSIDE OF THE PROJECT OWNER'S PROPERTY BOUNDARY EXCEPT WITHIN CONSTRUCTION EASEMENTS, PERPETUAL EASEMENTS, AND RIGHT-OF-WAY SHOWN ON THESE DRAWINGS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN LEGAL PERMISSION TO OCCUPY PROPERTY OTHER THAN THE PROJECT SITE IF THE CONTRACTOR DETERMINES THAT ACCESS IS REQUIRED. ANY DAMAGE TO PRIVATE FACILITIES OUTSIDE THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- ALL ROAD CUTS AND CONSTRUCTION ACTIVITIES WITHIN EXISTING ROAD RIGHTS-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCY CONTROLLING THE RIGHT-OF-WAY.
- ALL SATISFACTORY EXCESS EXCAVATION FROM EITHER UTILITY OR STREET CONSTRUCTION SHALL BE SPREAD UNIFORMLY ACROSS THE LOTS AS DIRECTED BY THE OWNER OR HIS/HER DESIGNATED REPRESENTATIVE. ALL UNSATISFACTORY OR WASTE MATERIAL INCLUDING VEGETATION, ROOTS, CONCRETE, ROCKS, OR OTHER DEBRIS SHALL BE HAULLED FROM THE PROJECT BY THE CONTRACTOR. NO SEPARATE PAY.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONSTRUCTION WORK IS ACCOMPLISHED IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS.
- ALL QUANTITIES SHOWN ON THESE DRAWINGS ARE ESTIMATES PROVIDED AS AN AID TO BIDDER/CONTRACTOR ONLY. BIDDER/CONTRACTOR SHALL BE RESPONSIBLE FOR SCALING DRAWINGS TO VERIFY QUANTITIES PRIOR TO BIDDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND PERMITTING THE STORM WATER MANAGEMENT PLAN FOR DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING AND MAKING THE APPLICATION, PAYING THE PERMIT FEE, PREPARING THE PLAN, IMPLEMENTING THE PLAN, PERFORMING INSPECTIONS AS REQUIRED AND PERFORMING ALL REQUIRED CLOSE OUT ACTIVITIES. CONTACT THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT/WATER QUALITY CONTROL DIVISION AT (303) 892-3500 FOR INFORMATION REGARDING THE STORM WATER MANAGEMENT PLAN PROGRAM.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT WATER SERVICE LINES AND FIRE HYDRANT LEADS MEET THE MINIMUM BURIAL DEPTH ESTABLISHED BY THE ACCEPTING AGENCY FOR INSTALLATIONS CROSSING UNDERNEATH BORROW DITCHES, DRAINAGE DITCHES, DRAINAGE SWALES, AND CANALS.
- ALL MATERIALS SHALL BE HANDLED AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL HAVE ONE SIGNED COPY OF PLANS AT THE JOB SITE AT ALL TIMES.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL: N/A VERTICAL: N/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ REVISION: _____	DATE: 3/18/09 DATE: _____ DATE: _____	GENERAL NOTES	FILE: SHEET: 1-4A	DRAWN BY: OLD DATE: DRAWN: 5/06 CHECKED BY: _____
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**EASEMENT NOTES:**

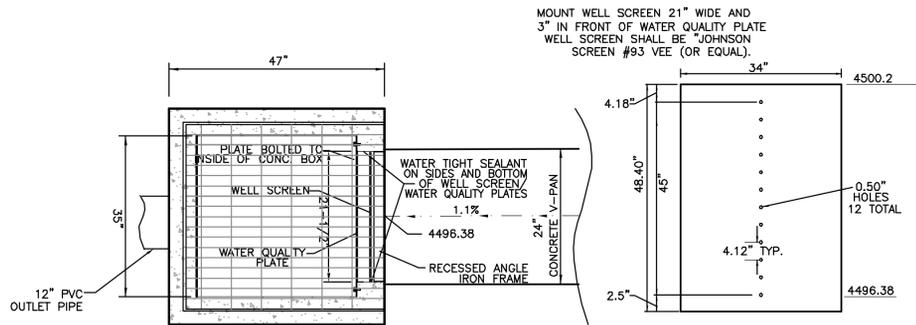
- A CONTINUOUS MULTI-PURPOSE EASEMENT SHALL BE PROVIDED ON BOTH SIDES OF ALL ROAD RIGHTS-OF-WAY. THIS EASEMENT SHALL BE RESERVED FOR PURPOSES INCLUDING, BUT NOT LIMITED TO INSTALLATION AND MAINTENANCE OF PUBLIC UTILITIES, TRAFFIC CONTROL SIGNS AND SIGNALS, STREETScape, STREET TREES AND SPRINKLING SYSTEMS, EARTH RETAINING STRUCTURES AND SURFACE SLOPING OR GRADING REQUIRED FOR STREET CONSTRUCTION. UTILITY COMPANIES AND/OR THE CITY OF FRUITA SHALL NOT BE RESPONSIBLE FOR DAMAGE TO PLANTINGS, IRRIGATION SYSTEMS, FENCES OR OTHER APPURTENANCES LOCATED OR CONSTRUCTED WITHIN THE MULTI-PURPOSE EASEMENT WHEN SUCH DAMAGE RESULTS FROM THE INSTALLATION AND/OR REPAIR OF UTILITIES WITHIN SAID MULTI-PURPOSE EASEMENT.
- IRRIGATION DISTRIBUTION LINES SHALL BE LOCATED IN A SEPARATE TRENCH LOCATED ON THE HOUSE SIDE OF THE JOINT UTILITY TRENCH, OR AT THE BACK LOT LINE.
- PROPERTY OWNERS MAY LANDSCAPE THE FULL WIDTH OF THE MULTI-PURPOSE EASEMENTS. SPRINKLING SYSTEMS INSTALLED WITHIN MULTI-PURPOSE EASEMENTS SHALL NOT BE GREATER THAN 18" DEEP.
- ALL FIRE HYDRANTS AND WATER METERS SHALL REMAIN UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES. NO FENCES, PLANTINGS, STRUCTURES OR OTHER OBSTACLE SHALL BE LOCATED WITHIN 4' OF ANY FIRE HYDRANT, WATER METER, OR UTILITY PEDESTAL. NO FENCES OR OTHER OBSTRUCTION SHALL BE LOCATED ON THE STREET SIDE OF ANY FIRE HYDRANT OR WATER METER.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL: N/A VERTICAL: N/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ REVISION: _____	DATE: 3/18/09 DATE: _____ DATE: _____	EASEMENT NOTES	FILE: SHEET: 1-4B	DRAWN BY: OLD DATE: DRAWN: 5/06 CHECKED BY: _____
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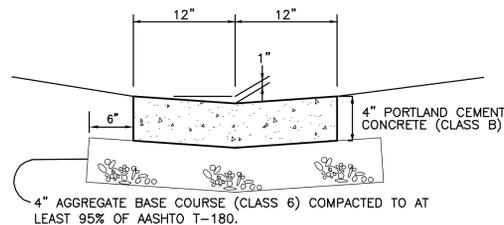
**FUGITIVE DUST CONTROL NOTES:**

- BEFORE STRIPPING OF THE SITE IN PREPARATION FOR OVERLOT GRADING, THE SURFACE IS TO BE PREWETTED TO CONTROL DUST.
- ANY STOCKPILES OF STRIPPED MATERIALS ARE TO BE PERIODICALLY SPRAYED WITH WATER OR A CRUSTING AGENT TO STABILIZE POTENTIALLY WIND-BLOWN MATERIAL.
- HAUL ROADS BOTH INTO AND AROUND THE SITE ARE TO BE SPRAYED AS NEEDED TO SUPPRESS DUST.
- AS NOTED ON THE SITE-SPECIFIC STORMWATER MANAGEMENT PLAN, OR GRADING AND DRAINAGE PLAN, GRAVEL PADS ARE TO BE CONSTRUCTED AT THE ENTRANCES TO THE SITE TO HELP IN REMOVING MUD FROM THE WHEELS OF HAULAGE TRUCKS BEFORE THEY ENTER CITY STREETS (SEE EROSION CONTROL DETAIL SHEET).
- TRUCKS HAULING IMPORT FILL MATERIAL ARE TO BE TARPED TO AID IN THE CONTROL OF AIRBORNE DUST.
- DURING HIGH WIND EVENTS (20 TO 30 MPH SUSTAINED) CONSTRUCTION ACTIVITY SHALL BE LIMITED OR CEASED IF DUST CANNOT BE CONTROLLED BY WETTING.

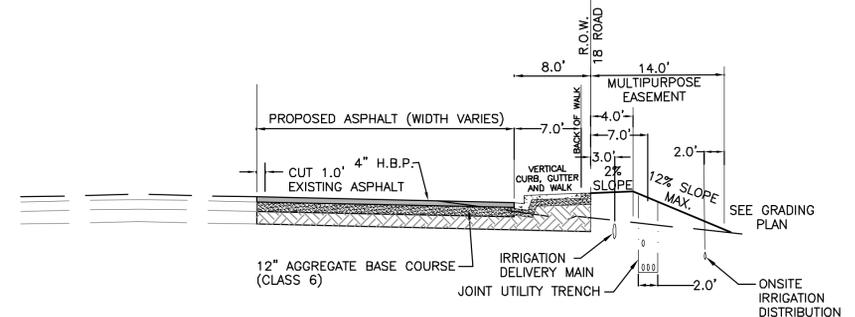
CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL: N/A VERTICAL: N/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ REVISION: _____	DATE: 3/18/09 DATE: _____ DATE: _____	DUST CONTROL NOTES	FILE: SHEET: 1-4C	DRAWN BY: OLD DATE: DRAWN: 5/06 CHECKED BY: _____
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**PLAN**

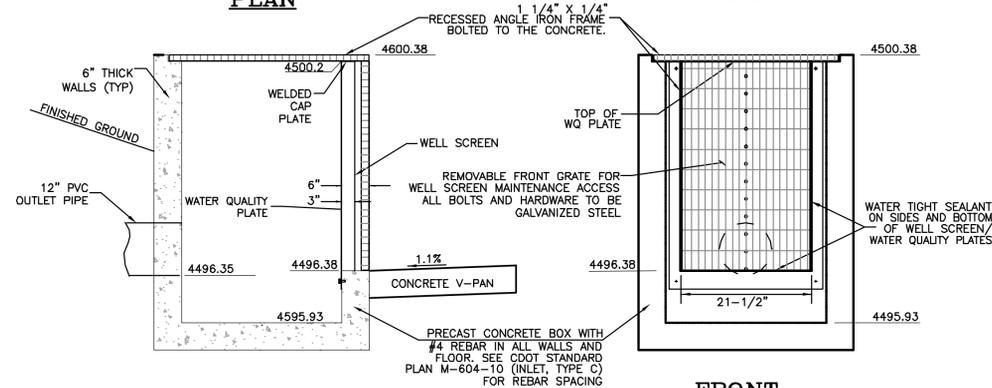


**2 FT. DRAINAGE PAN DETAIL**



**PINE STREET SECTION**

N.T.S.

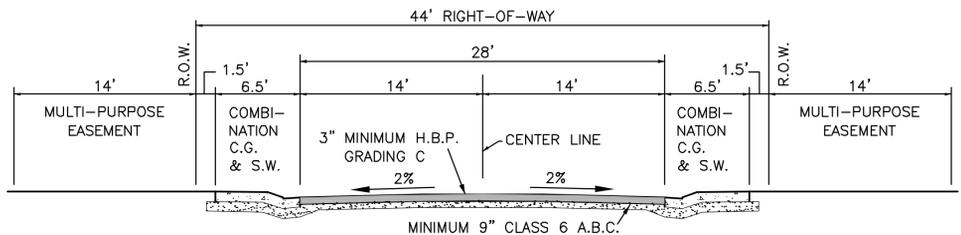


**SIDE**

**FRONT**

**OUTLET STRUCTURE DETAIL**

N.T.S.



**STREET SECTION - LOCAL RESIDENTIAL**

N.T.S.

**PAVEMENT NOTES: (BOTH SECTIONS)**

- SEE GEOTECHNICAL INVESTIGATION BY LINCOLN DEVORE DATED 1-18-07 (OR LATEST ADDENDUM) FOR COMPLETE PAVEMENT RECOMMENDATIONS.
- SCARIFY, ADJUST MOISTURE, AND RECOMPACT 10" SUBGRADE TO AT LEAST 90% OF ASTM D-1557 BETWEEN 2% BELOW TO 2% ABOVE THE OPTIMUM MOISTURE CONTENT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT POSITIVE DRAINAGE TOWARD THE PROPOSED CURB & GUTTER WILL BE PROVIDED PRIOR TO CONSTRUCTION, BASED ON ACTUAL EXIST ASPHALT GRADES AT TIME OF CONSTRUCTION.



Know what's below.  
Call before you dig.  
CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



ADOBE VIEW NORTH  
SUBDIVISION  
GENERAL NOTES  
AND TYPICAL SECTIONS

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**SANITARY SEWER NOTES:**

- ALL SEWERLINE CONSTRUCTION SHALL CONFORM TO THE CITY OF FRUITA'S STANDARDS AND SPECIFICATIONS.
- ALL SANITARY SEWER PIPE SHALL BE PVC SDR-35 UNLESS OTHERWISE SPECIFIED. ALL PIPE JOINTS SHALL BE 13' JOINTS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- ALL SEWER MAINS SHALL BE LAD TO GRADE UTILIZING A PIPE LASER.
- ALL SERVICES LINE CONNECTIONS TO THE NEW MAIN SHALL BE ACCOMPLISHED WITH FULL-BODY WYES OR TEES. TAPPING SADDLES WILL NOT BE ALLOWED.
- ALL TRENCHES SHALL BE COMPACTED PER TRENCH DETAIL (SEE STANDARD TRENCH DETAIL). CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL NECESSARY COMPACTION TESTS THROUGH A CERTIFIED SOILS LAB.
- A MINIMUM 10' SEPARATION SHALL BE MAINTAINED AT ALL TIMES BETWEEN WATER LINES AND SEWER LINES (EXCEPT AT SPECIFIED CROSSINGS).
- SEWER SERVICE STUB-OUTS SHALL EXTEND 14' BEYOND THE PROPERTY LINE OR THROUGH FRONT LOT EASEMENTS, WHICHEVER IS GREATER, AND SHALL BE GLUE-CAPPED AND MARKED WITH A 2"x4" POST PAINTED GREEN AND BURIED SO THAT 3' REMAINS ABOVE GRADE. ASBUILT SURVEYING FOR VERTICAL GRADE OF STUB-OUT REQUIRED PRIOR TO BACKFILL.
- NO SERVICE LINES SHALL BE CONNECTED DIRECTLY INTO MANHOLES UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SEWER LINE TESTING TO BE COMPLETED IN THE PRESENCE OF THE CITY ENGINEER OR THEIR REPRESENTATIVE. FINAL ACCEPTANCE IS TO BE ACCOMPLISHED ONLY AFTER ALL OTHER INFRASTRUCTURE HAS BEEN INSTALLED. THIS INCLUDES WATERLINES, GAS LINES, ELECTRIC LINES, ETC. VIDEO INSPECTION AND AIR TESTING WILL BE PERFORMED AFTER ALL COMPACTION OF STREET SUBGRADE AND PRIOR TO STREET PAVING. FINAL MANHOLE INSPECTION WILL ALSO BE ACCOMPLISHED AFTER PAVING IS COMPLETED TO INSURE THAT THE LINE IS CLEAN. THESE TESTS WILL BE THE BASIS FOR ISSUING INITIAL ACCEPTANCE OF THE SEWER LINE EXTENSION.
- MANHOLES SHALL BE CONSTRUCTED AS SHOWN ON THE CITY OF FRUITA SANITARY SEWER STANDARD DETAIL SHEET.
- WATER STOPGASKETS AND CLAMP ASSEMBLIES ARE TO BE FURNISHED AND INSTALLED AT ALL CONNECTIONS TO MANHOLES.
- WHEN INSTALLING MANHOLES OVER EXISTING SEWER LINES, CONTRACTOR IS TO EXPOSE EXISTING SANITARY SEWER MAIN TO ALLOW THE ENGINEER TO FIELD VERIFY EXISTING PIPE INVERTS PRIOR TO CONSTRUCTION OF MANHOLES AND ADJUST THE INVERT ELEVATIONS IF REQUIRED. THE CONTRACTOR SHALL PLACE TYPE "A" BEDDING MATERIAL AND POUR THE BASE OF THE MANHOLE AND COMPLETE THE MANHOLE AS PER THE CITY OF FRUITA'S SANITARY SEWER STANDARD DETAILS. THE CONTRACTOR AT THAT TIME CAN NOTCH OUT OR CUT THE EXISTING PIPE OUT TO THE SPRING LINE OF THE PIPE. THE CONTRACTOR SHALL CONTROL ALL LIVE SEWAGE FLOW AND SHALL NOT ALLOW DEBRIS FROM THE CUTTING OTHER WORK TO ENTER THE EXISTING PIPELINE WHILE THE WORK IS BEING DONE. THE CONTRACTOR SHALL ADVISE THE CITY WHEN THE CONCRETE BASE WILL BE PLACED SO THAT A REPRESENTATIVE OF THE CITY MAY BE PRESENT.
- PIPE-TO-MANHOLE CONNECTOR: PIPE TO MANHOLE CONNECTORS SHALL BE MANUFACTURED WITH RUBBER CONFORMING TO ASTM C-923. ALL METAL COMPONENTS SHALL BE STAINLESS STEEL.
- STEEL PAVING RINGS ARE NOT ALLOWED FOR GRADE ADJUSTMENT UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. THE SPACE BETWEEN CONCRETE GRADE RINGS SHALL BE SEALED WITH A BITUMASTIC SEALANT NO GREATER THAN 3/8" THICK.
- ALL RESIDENTIAL SANITARY SEWER SERVICES ARE TO BE 4" PVC SDR-35 UNLESS OTHERWISE SPECIFIED.
- A MINIMUM OF ONE CLAY CUT-OFF WALL IS TO BE INSTALLED UPSTREAM OF EACH MANHOLE TO PREVENT GROUNDWATER FLOW THROUGH THE PIPE BEDDING MATERIAL.
- MANHOLE SPACING REQUIREMENTS:  

PIPE SIZE	MANHOLE SPACING
15" OR SMALLER	400'
18" OR LARGER	500'
- MAXIMUM CHANGE IN DIRECTION IN MANHOLES FOR LINES 18" AND LARGER SHALL BE 45°.
- SEWER LINES SHALL BE STRAIGHT AND NOT CURVED BETWEEN MANHOLES, BOTH IN LINE AND GRADE.
- THE MINIMUM COVER FOR SEWER MAIN IS TYPICALLY 4' (TOP OF PIPE TO FINISH GRADE) UNLESS SHOWN OTHERWISE ON THE DRAWINGS. WHERE COVER IS LESS THAN 2' FROM TOP OF SEWER PIPE TO BOTTOM OF ROADWAY BASE COURSE, FLOWABLE FILL CONCRETE SHALL BE USED AS BACKFILL.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL/A VERTICAL/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ DATE: 3/18/09 REVISION: _____ DATE: _____	DATE: 3/18/09	SANITARY SEWER NOTES	FILE: SHEET 3.9A	DRAWN BY: CLD DATE DRAWN: 5/08 CHECKED BY: _____
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**SANITARY SEWER NOTES:**

- CONCRETE SHALL BE CITY OF GRAND JUNCTION SPECIFICATIONS, SECTION 601-STRUCTURAL CONCRETE CLASS B.
- ALL CEMENT USED IN MORTAR, CONCRETE BASES, GRADE RINGS, RISER SECTIONS, CONES, AND FLAT TOPS, FOR SANITARY SEWER MANHOLES, SHALL BE TYPE V OR MODIFIED TYPE II PORTLAND CEMENT WITH LESS THAN 5% TRICALCIUM ALUMINATE.
- MANHOLE RISER SECTIONS, CONES, FLAT TOPS, AND GRADE RINGS SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO ASTM C-478 OR AASHTO M-199.
- BACKFILL AROUND MANHOLES AND OTHER STRUCTURES SHALL BE PLACED IN 8" MAX. LIFTS AND COMPACTED TO 95% AASHTO T-99.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.
- MANHOLE CONE AND FLAT TOP SECTIONS SHALL BE POSITIONED SUCH THAT THE MANHOLE RING AND COVER ARE OFFSET 20 DEGREES TO 30 DEGREES FROM THE UPSTREAM MAIN SEWER LINE INTO THE MANHOLE.
- MANHOLE STEPS SHALL BE INSTALLED IN VERTICAL ALIGNMENT WITH THE RING AND COVER.
- MANHOLE RING AND COVER CAN BE SET TO FINISHED GRADE, USING NON-SHRINK GROUT TO ADJUST RING ELEVATION. GROUT SHALL NOT EXCEED .15 FT. THICKNESS AND SHALL HAVE A FINISH COAT OF EPOXY APPLIED TO ALL GROUT SURFACES EXPOSED TO THE INTERIOR OF THE MANHOLE. EPOXY TOP COAT REQUIREMENT MAY BE DELETED PROVIDED NON-SHRINK GROUT IS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS AND IS ACCEPTABLE TO THE ENGINEER.
- STEEL PAVING RINGS ARE NOT ALLOWED FOR GRADE ADJUSTMENT UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- SEE STANDARD TRENCH DETAIL ON GENERAL NOTES STANDARD DETAIL SHEET FOR TRENCH BACKFILL REQUIREMENTS.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL/A VERTICAL/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ DATE: 3/18/09 REVISION: _____ DATE: _____	DATE: 3/18/09	SANITARY SEWER NOTES	FILE: SHEET 3.9B	DRAWN BY: CLD DATE DRAWN: 5/08 CHECKED BY: _____
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**STORMWATER NOTES:**

- THE CONTRACTOR SHALL NOTIFY GRAND JUNCTION DRAINAGE DISTRICT 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OF THE RESPECTIVE UTILITIES AND ROADWAY (IF APPLICABLE).
- ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF FRUITA STANDARDS AND SPECIFICATIONS AND GRAND JUNCTION DRAINAGE DISTRICT STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- STEEL FRAMES FOR ALL CURB INLETS AND AREA INLETS SHALL BE GROUTED TO THE CONCRETE BOX.
- ALL STORM SEWER TRENCH BACKFILL SHALL CONFORM TO THE STANDARD TRENCH DETAIL (SEE STANDARD TRENCH DETAIL). CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL NECESSARY COMPACTION TESTS THROUGH A CERTIFIED SOILS LAB.
- CONTRACTOR TO VERIFY ALL "DIE-IN" GRADES PRIOR TO ANY CONSTRUCTION.
- ALL HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGS UP TO 24" TO BE THE FOLLOWING:  
 HANCOCK SURE-LOK OR ENGINEER APPROVED EQUAL.  
 ALL STORM DRAIN PIPE LARGER THAN 24" SHALL BE REINFORCED CONCRETE.  
 REINFORCED CONCRETE PIPE SHALL BE A MINIMUM OF CLASS II AND CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:  
 A. STORM DRAIN AND SEWER PIPE, ASTM C-76  
 B. LOW-HEAD, ASTM C361  
 C. PRECAST MANHOLE SECTIONS, ASTM C-478  
 D. ARCH PIPE, ASTM C-507  
 E. ELLIPTICAL PIPE, ASTM C-507  
 F. JOINTS, USING RUBBER GASKETS, ASTM C-443  
 B. TESTING OF MATERIALS TO DETERMINE COMPLIANCE WITH THE SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. TWO CERTIFIED COPIES OF TEST RESULTS INDICATING COMPLIANCE SHALL BE FURNISHED FOR EACH LOT OR SHIPMENT PRIOR TO INSTALLATION OF THE MATERIAL. REINFORCED CONCRETE PIPE SHALL BE TESTED FOR STRENGTH BY THE THREE-EDGE BEARING TEST TO PRODUCE A CRACK OF .01". EACH MANUFACTURER FURNISHING PIPE UNDER THESE SPECIFICATIONS SHALL BE FULLY EQUIPPED TO CARRY OUT THE TESTS DESCRIBED IN ASTM C-497. FAILURE OF ANY PIPE TO MEET THE TEST REQUIREMENTS SHALL BE SUFFICIENT CAUSE FOR REJECTION OF ALL PIPE OF THAT SIZE WHICH THE TEST SPECIMEN REPRESENTS.
- PIPE DAMAGED DURING SHIPMENT OR HANDLING MAY BE REJECTED EVEN IF PREVIOUSLY APPROVED.
- AT ALL TIME DURING CONSTRUCTION, EROSION AND SEDIMENT CONTROL SHALL BE MAINTAINED BY THE DEVELOPER OR THEIR DESIGNATED REPRESENTATIVE.
- EROSION CONTROL SYSTEM SHALL BE INSTALLED AS GRADING PROGRESSES.
- EROSION BALES SHALL BE STRAW OR HAY, DEPENDING ON AVAILABILITY.
- EROSION BALES SHALL BE PLACED TO AVOID RUNOFF FLOWING BETWEEN, AROUND OR UNDER BALES. BALES SHALL BE ANCHORED WITH 2"x2"x4' WOODEN STAKES OR #4 REINFORCING BARS, TWO PER BALE (SEE EROSION CONTROL DETAIL SHEET FOR FURTHER INSTRUCTIONS).
- NEGATIVE IMPACTS TO DOWNSTREAM AREAS (OR RECEIVING WATERS) CAUSED BY THE OVERLOT GRADING TO BE MONITORED AND CORRECTED BY THE DEVELOPER.
- MULCH SHALL BE APPLIED TO ACHIEVE A STUBBLED SURFACE TO THE DESIGNATED AREAS TO PREVENT DUST AND AID IN LIMITING WIND EROSION. CONTRACTOR SHALL HAVE A WATER TRUCK MADE AVAILABLE TO ASSIST IN CONTROLLING DUST AND WIND EROSION.
- CONSTRUCTION TRAFFIC ENTRANCES SHALL HAVE AN AGGREGATE STAGING PAD INSTALLED PER EROSION CONTROL DETAILS.
- DETAILS SHOWN ARE SCHEMATIC ONLY. ADJUST AS NECESSARY TO FIT FIELD CONDITIONS.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL/A VERTICAL/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ DATE: 3/18/09 REVISION: _____ DATE: _____	DATE: 3/18/09	STORMWATER NOTES	FILE: SHEET 6.7A	DRAWN BY: CLD DATE DRAWN: 5/08 CHECKED BY: _____
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**STORMWATER NOTES:**

- CONCRETE SHALL CONFORM TO THE CITY OF GRAND JUNCTION SPEC. 601 (STRUCTURAL CONCRETE CLASS B).
- ANY EXISTING PAVEMENT NOT DESIGNATED FOR REMOVAL WHICH IS DAMAGED BY CONSTRUCTION SHALL BE REPLACED IN-KIND BY THE CONTRACTOR.
- MANHOLE RISER SECTIONS, CONES, FLAT TOPS, AND GRADE RINGS SHALL BE PRECAST REINFORCED CONCRETE CONFORMING TO ASTM C-478 OR AASHTO M-199.
- BACKFILL AROUND MANHOLES, INLET BOXES AND OTHER STRUCTURES SHALL BE PLACED IN 8" LIFTS AND COMPACTED TO 95% AASHTO T-99.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.
- ALL CONCRETE WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A LICENSED CURB, GUTTER AND SIDEWALK CONTRACTOR.
- MANHOLE STEPS SHALL BE INSTALLED IN VERTICAL ALIGNMENT WITH THE RING AND COVER.
- ALL CEMENT USED IN MORTAR, CONCRETE BASES, GRADE RINGS, RISER SECTIONS, CONES AND FLAT TOPS FOR STORM SEWER MANHOLES, SHALL BE TYPE V OR MODIFIED TYPE II PORTLAND CEMENT WITH LESS THAN 5% TRICALCIUM ALUMINATE.
- ALL STORM SEWER MANHOLE LIDS SHALL BE DESIGNATED "STORM SEWER".
- MANHOLE RING AND COVER CAN BE SET TO FINISHED GRADE, USING NON-SHRINK GROUT TO ADJUST RING ELEVATION. GROUT SHALL NOT EXCEED .15 FT. THICKNESS. GROUT SHALL BE PLACED ONLY UNDER THE CAST IRON RING. NO GROUT SHALL BE PLACED BETWEEN CONCRETE GRADE RINGS.
- STEEL PAVING RINGS ARE NOT ALLOWED FOR GRADE ADJUSTMENT UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- SEE "STANDARD TRENCH DETAIL" LOCATED ON GENERAL NOTES DETAIL SHEET FOR TRENCH BACKFILL REQUIREMENTS.

CITY OF FRUITA ENGINEERING DEPARTMENT	SCALE HORIZONTAL/A VERTICAL/A	REVISION: 2009 STANDARDS REVISION REVISION: _____ DATE: 3/18/09 REVISION: _____ DATE: _____	DATE: 3/18/09	STORMWATER NOTES	FILE: SHEET 6.7B	DRAWN BY: CLD DATE DRAWN: 5/08 CHECKED BY: _____
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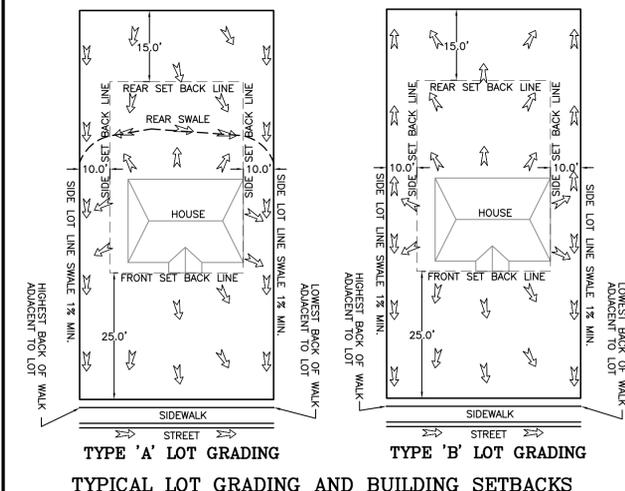
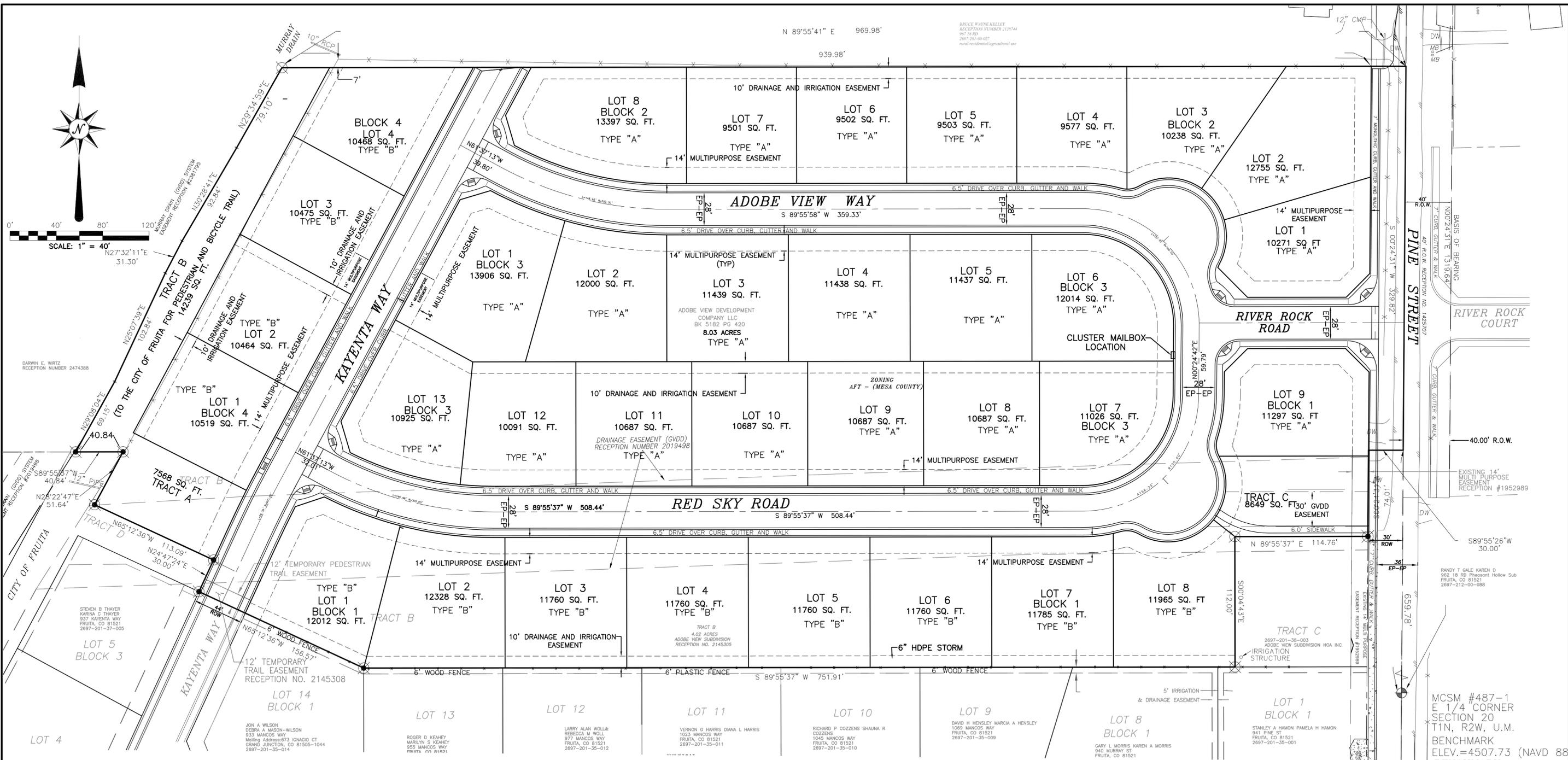
Know what's below.  
Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



ADOBE VIEW NORTH  
SUBDIVISION  
GENERAL NOTES  
AND TYPICAL SECTIONS

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File Name:	C:\PROJECTS\A6216\A6216PrBase.dwg							Date	8/31/16	Of	16



**LOT GRADING NOTES:**

1. MINIMUM TOP OF FOUNDATION ELEVATION SHALL BE 0.5 FT. ABOVE ADJACENT FINISHED GRADE.
2. MINIMUM SLOPE AWAY FROM THE HOUSE SHALL BE 8% FOR AT LEAST 5 FT.
3. SWALES SHALL TYPICALLY HAVE A MINIMUM SLOPE OF 1%.
4. MINIMUM TOP OF FOUNDATION ELEVATION PROVIDED ARE FOR TYPICAL HOUSE LAYOUTS. SOME HOUSE LAYOUTS MAY REQUIRE HIGHER FINISHED FLOORS.

**NOTES:**

- 1) The City of Fruita requires that all subdivisions have engineered foundations consistent with the soils engineering report by Grand Junction Lincoln DeVORE dated 1/18/2007 (or latest addendum)
- 2) Permanent structures including slabs, curbing, and raised landscaping which affect the flow of storm water are not allowed in identified drainage easements.
- 3) Structures such as fences and accessory building units require a City of Fruita Planning Clearance.

TABLE FOR DRAINAGE TYPE BY LOT					
LOT	BLOCK	TYPE	LOT	BLOCK	TYPE
1	1	B	1	3	A
2	1	B	2	3	A
3	1	B	3	3	A
4	1	B	4	3	A
5	1	B	5	3	A
6	1	B	6	3	A
7	1	B	7	3	A
8	1	B	8	3	A
1	2	A	9	3	A
2	2	A	10	3	A
3	2	A	11	3	A
4	2	A	12	3	A
5	2	A	13	3	A
6	2	A	1	4	B
7	2	A	2	4	B
8	2	A	3	4	B
9	2	A	4	4	B

ACCEPTED FOR RECORDING

CITY OF FRUITA ENGINEER

DATE

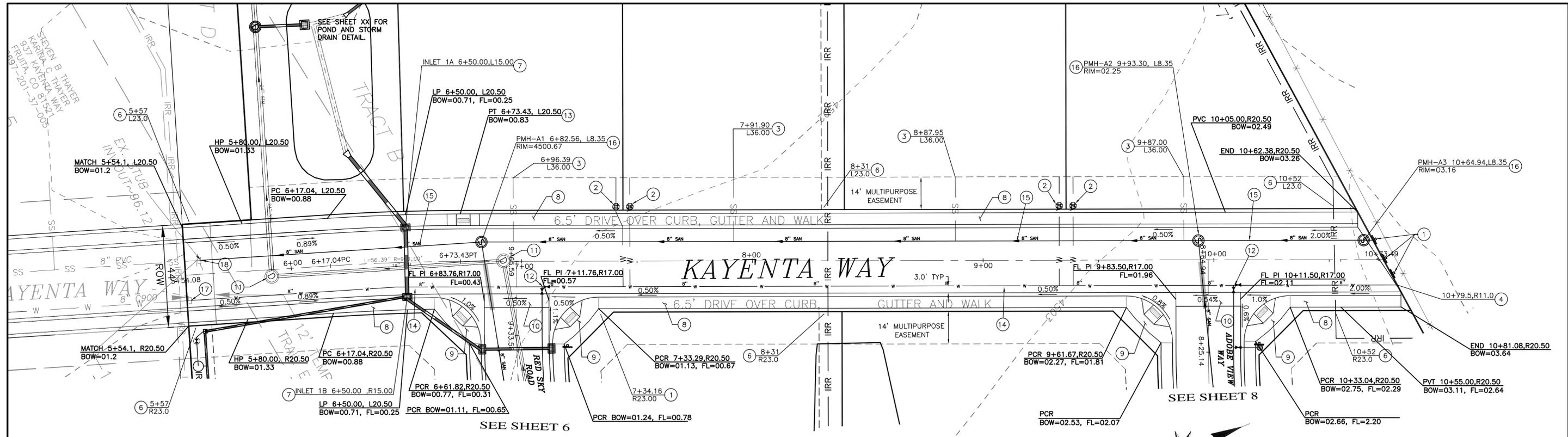
MCSM #487-1  
E 1/4 CORNER  
SECTION 20  
T1N, R2W, U.M.  
BENCHMARK  
ELEV.=4507.73 (NAVD 88)  
BENCHMARK  
MCSM #487-1  
E 1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM KMO231  
(NAVD 88)

**CLERK AND RECORDER'S CERTIFICATE**  
This instrument was filed for record in the office of the Mesa County Clerk and Recorder at \_\_\_\_\_ o'clock at \_\_\_\_\_ M, on this \_\_\_\_\_ day of \_\_\_\_\_, A.D., 20\_\_\_\_, in Book No. \_\_\_\_\_ in Page(s) No. \_\_\_\_\_, Reception No. \_\_\_\_\_ Drawer No. \_\_\_\_\_  
MESA COUNTY CLERK AND RECORDER

**RCE**  
Rolland Consulting Engineers, LLC  
405 Ridges Blvd, Suite A  
Grand Junction, CO 81507  
Voice: (970) 243-8300  
Fax: (970) 241-1273  
www.rcegi.com

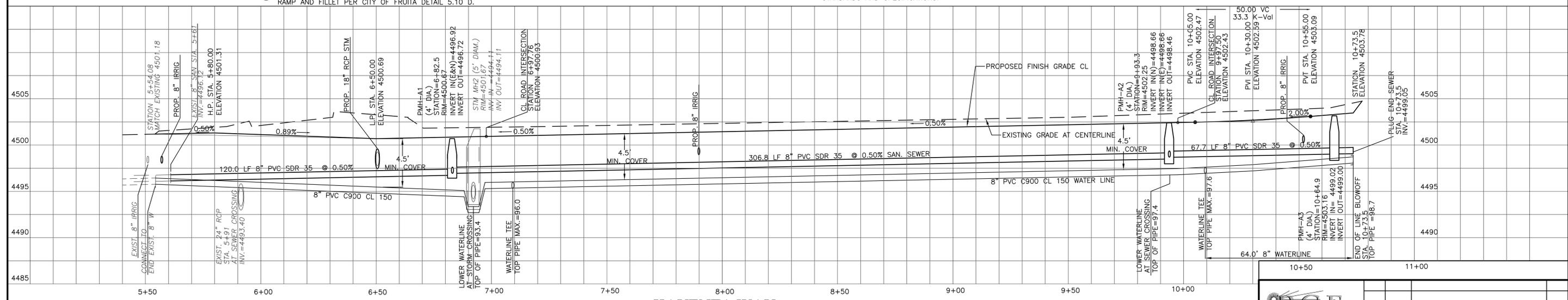
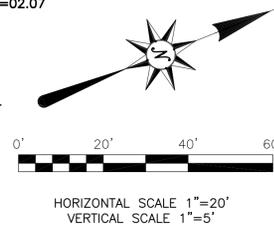
**ADOBE VIEW NORTH  
SUBDIVISION  
COMPOSITE SITE PLAN**

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**CONSTRUCTION NOTES**

- ① INSTALL THREE END OF ROAD MARKERS, PER (OM4-2).
- ② CONSTRUCT WATER SERVICE LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS, INCLUDING: METER, YOKE, TRAFFIC RATED METER BOX AND COVER, AND SERVICE EXTENSION TO EDGE OF EASEMENT. SEE UTE DETAIL SHEET 2.
- ③ CONSTRUCT SANITARY SEWER SERVICE LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS, INCLUDING: WYE CONNECTION AT MAIN AND SERVICE EXTENSION TO EDGE OF EASEMENT.
- ④ CONSTRUCT WATERLINE BLOWOFF PER UTE WATER STANDARDS AND SPECIFICATIONS. SEE UTE DETAIL SHEET 2.
- ⑤ NOT USED.
- ⑥ INSTALL APPROXIMATELY 46 L.F. 12" SDR 35 PVC IRRIGATION SLEEVE.
- ⑦ INSTALL CURB OPENING INLET PER CITY OF FRUITA DETAIL 6.7 E.
- ⑧ CONSTRUCT 6.5' WIDE DRIVEOVER CONCRETE CURB GUTTER & WALK PER CITY OF FRUITA DETAIL 5.10 J.
- ⑨ CONSTRUCT CONCRETE CURB RETURN 20' RADIUS TO FLOWLINE INCLUDING RAMP AND FILLET PER CITY OF FRUITA DETAIL 5.10 D.
- ⑩ CONSTRUCT 6' WIDE CONCRETE V-PAN PER CITY OF FRUITA DETAIL 5.10 H.
- ⑪ ADJUST MANHOLE RIM TO FINISH GRADE.
- ⑫ INSTALL 8"x8" TEE WITH 2-8" GATE VALVES PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
- ⑬ CONSTRUCT MID BLOCK ACCESSIBLE RAMP.
- ⑭ INSTALL 8" PVC C900 CL 150 WATER LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
- ⑮ CONSTRUCT 8" PVC SDR 35 SANITARY SEWER LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- ⑯ INSTALL SANITARY SEWER MANHOLE PER CITY OF FRUITA DETAIL SHEET 3.90 AND SHEET 3.91.
- ⑰ CONNECT TO EXISTING 8" WATERLINE, PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
- ⑱ CONNECT TO EXISTING 8" SANITARY SEWER LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.



**KAYENTA WAY**

**BENCHMARK**  
MCSM #487-1  
E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM KM0231  
(NAVD 88)

APPROVED FOR CONSTRUCTION  
\_\_\_\_\_  
CITY OF FRUITA ENGINEER  
DATE  
(APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)

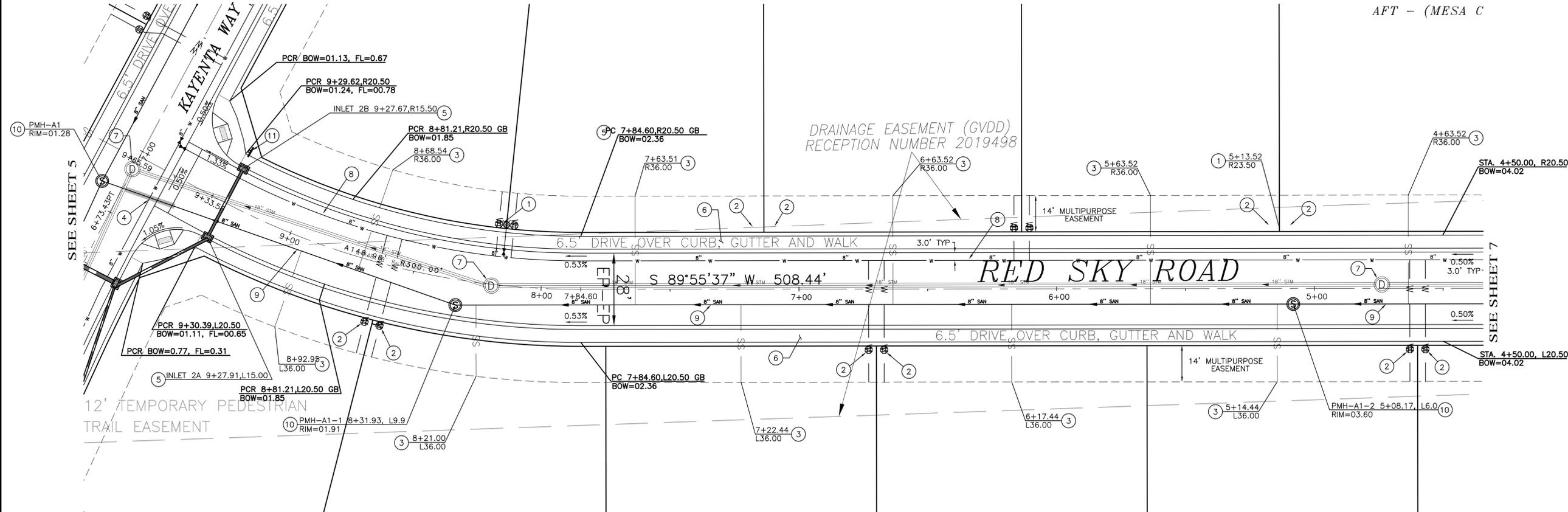


**ADOBE VIEW NORTH SUBDIVISION**  
**KAYENTA WAY**  
**PLAN & PROFILE**

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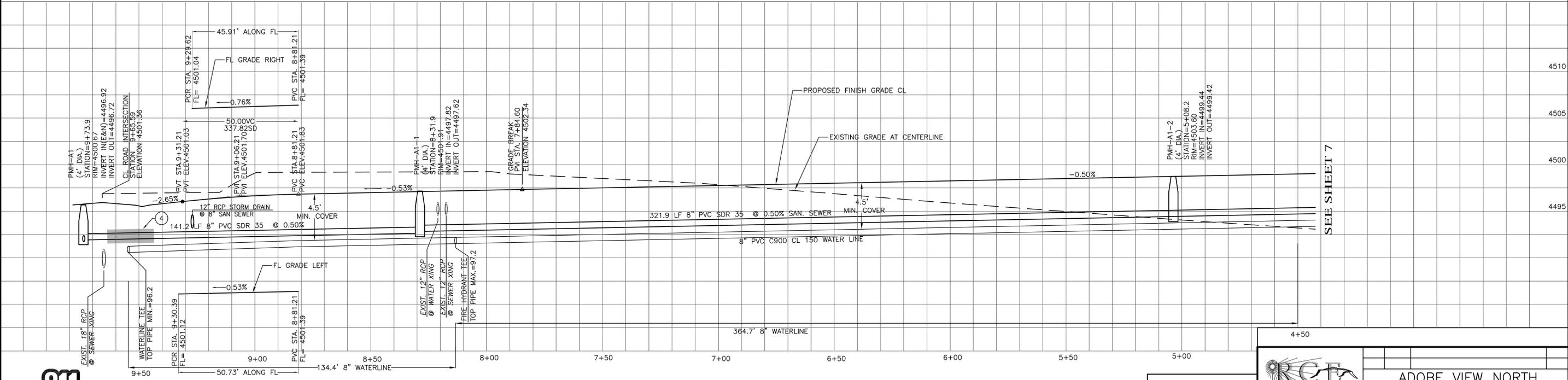
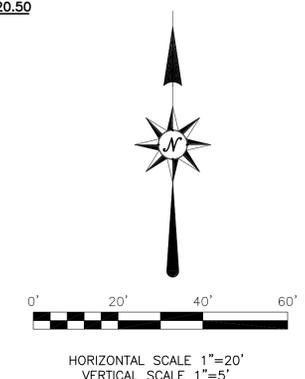
SEE SHEET 5

AFT - (MESA C)



CONSTRUCTION NOTES

- 1 INSTALL FIRE HYDRANT ASSEMBLY PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS, INCLUDING TEE, VALVE, THRUST RESTRAINT, RISER AND HYDRANT SET TO GRADE, ALSO MEETING THE APPROVAL OF LOWER VALLEY FIRE DEPT. SEE UTE DETAIL SHEET 1
- 2 CONSTRUCT WATER SERVICE LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS, INCLUDING: METER, YOKE, TRAFFIC RATED METER BOX AND COVER, AND SERVICE EXTENSION TO EDGE OF EASEMENT. SEE UTE DETAIL SHEET 2.
- 3 CONSTRUCT SANITARY SEWER SERVICE LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS, INCLUDING: WYE CONNECTION AT MAIN AND SERVICE EXTENSION TO EDGE OF EASEMENT.
- 4 CONCRETE ENCASUREMENT. SEE UTE DETAIL SHEET 1.
- 5 INSTALL CURB OPENING INLET PER CITY OF FRUITA DETAIL 6.7F.
- 6 CONSTRUCT 6.5' WIDE DRIVEOVER CONCRETE CURB GUTTER & WALK. SEE CITY OF FRUITA DETAIL 5.10 J.
- 7 ADJUST MANHOLE RIM TO FINISH GRADE.
- 8 INSTALL 8" PVC C900 CL 150 WATER LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
- 9 CONSTRUCT 8" PVC SDR 35 SANITARY SEWER LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- 10 INSTALL SANITARY SEWER MANHOLE PER CITY OF FRUITA DETAIL SHEET 3.90 AND SHEET 3.91.
- 11 INSTALL STOP SIGN (R1-1) AND STREET SIGNS PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.



CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

**BENCHMARK**  
 MCSM #487-1  
 E1/4 CORNER SECTION 20  
 T1N, R2W, U1M  
 ELEVATION = 4507.73  
 BASED ON N65 BM KMO231

RED SKY ROAD

APPROVED FOR CONSTRUCTION  
 CITY OF FRUITA ENGINEER  
 DATE  
 (APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)



ADOBE VIEW NORTH  
 SUBDIVISION  
 RED SKY ROAD  
 PLAN & PROFILE

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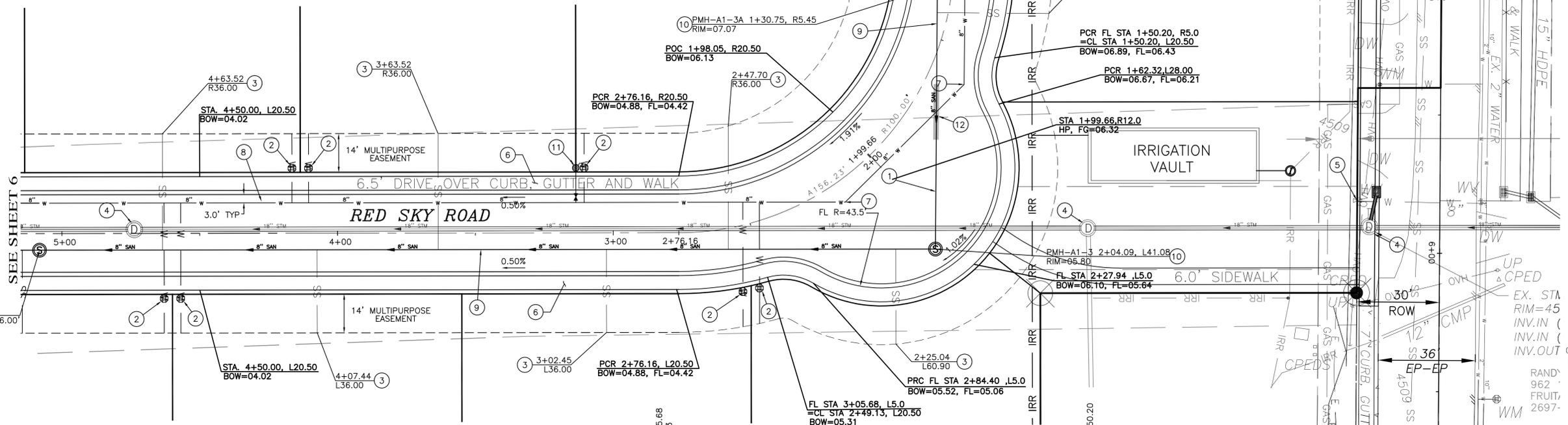
**CONSTRUCTION NOTES**

- 1 CONCRETE ENCASMENT (SEE DETAIL ON UTE DETAIL SHEET 1).
- 2 CONSTRUCT WATER SERVICE LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS, INCLUDING: METER, YOKE, TRAFFIC RATED METER BOX AND COVER, AND SERVICE EXTENSION TO EDGE OF EASEMENT. SEE DETAIL SHEET 19.
- 3 CONSTRUCT SANITARY SEWER SERVICE LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS, INCLUDING: WYE CONNECTION AT MAIN AND SERVICE EXTENSION TO EDGE OF EASEMENT.
- 4 ADJUST MANHOLE RIM TO FINISH GRADE.
- 5 ADJUST VALVE BOX TO FINISH GRADE.
- 6 CONSTRUCT 6.5' WIDE DRIVEOVER CONCRETE CURB GUTTER & WALK. SEE CITY OF FRUITA DETAIL 5.10 J.
- 7 INSTALL 45° BEND WITH FITTING AND THRUST RESTRAINT ACCORDING TO UTE WATER DETAIL SHEET 2.
- 8 INSTALL 8" PVC C900 CL 150 WATER LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
- 9 INSTALL 8" PVC SDR 35 SANITARY SEWER LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
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- 12 CONCRETE ENCASMENT. (SEE DETAIL ON UTE WATER SHEET 1).

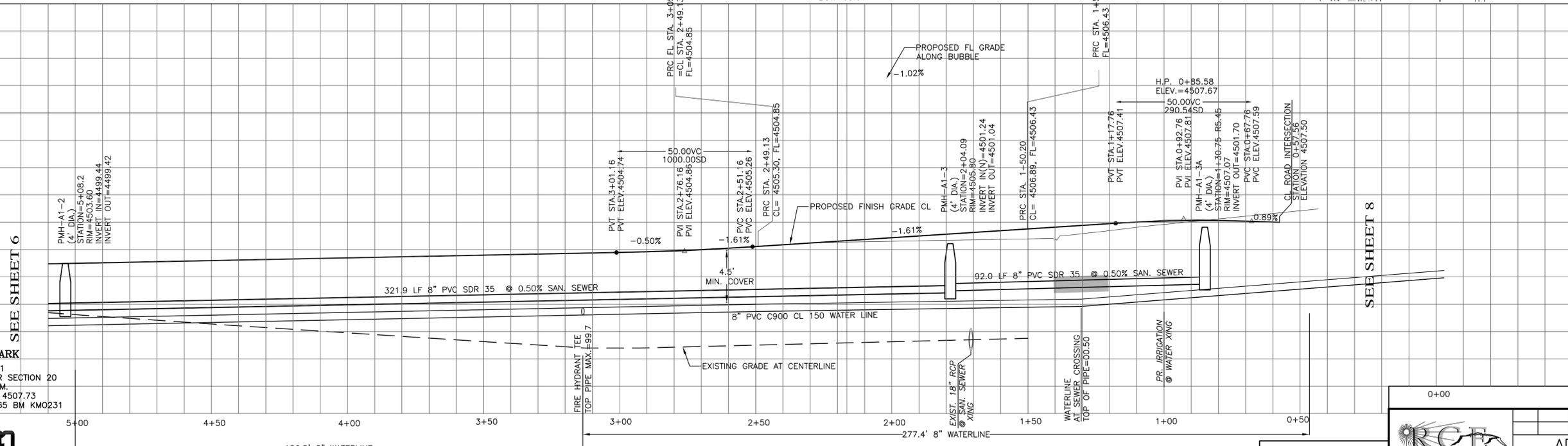
SEE SHEET 9

**RIVER ROCK ROAD**

**DEVELOPMENT**



HORIZONTAL SCALE 1"=20'  
VERTICAL SCALE 1"=5'



**BENCHMARK**  
MCSM #487-1  
E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM K0231



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**RED SKY ROAD**

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

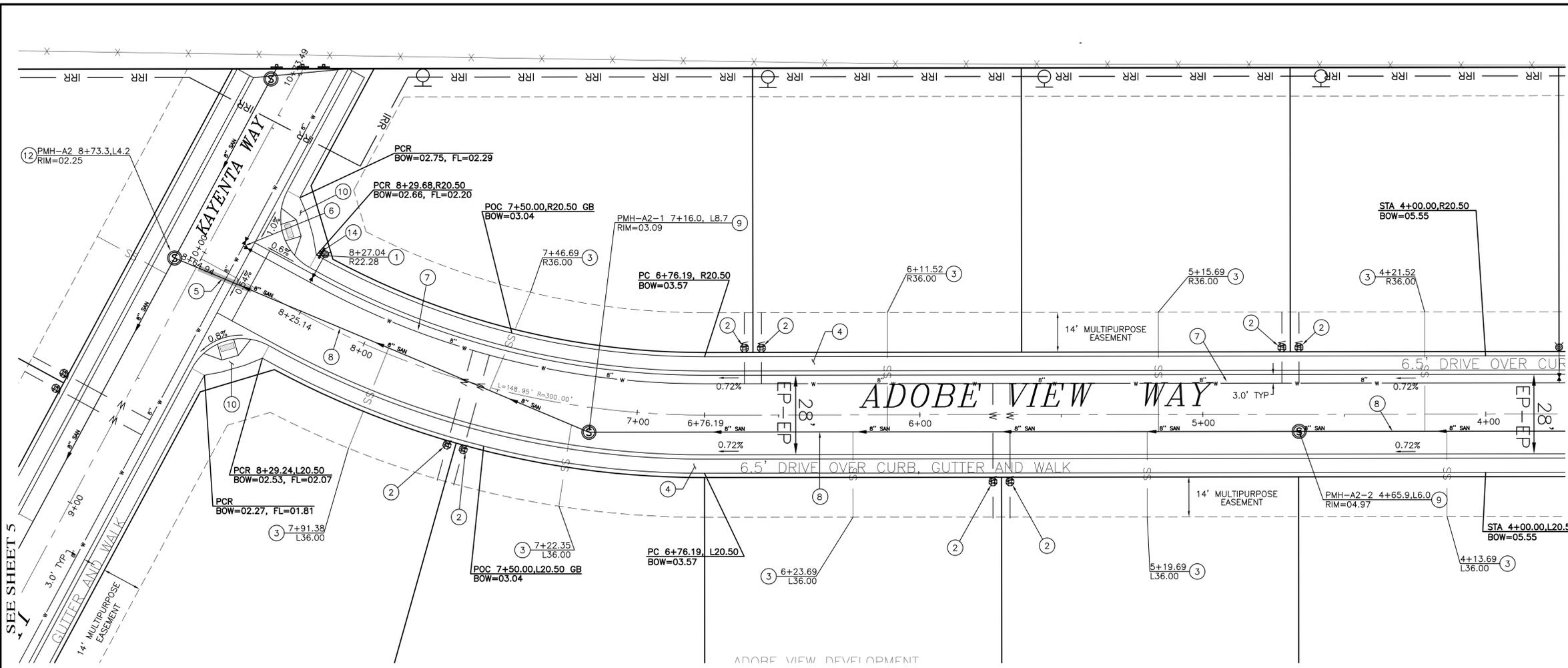
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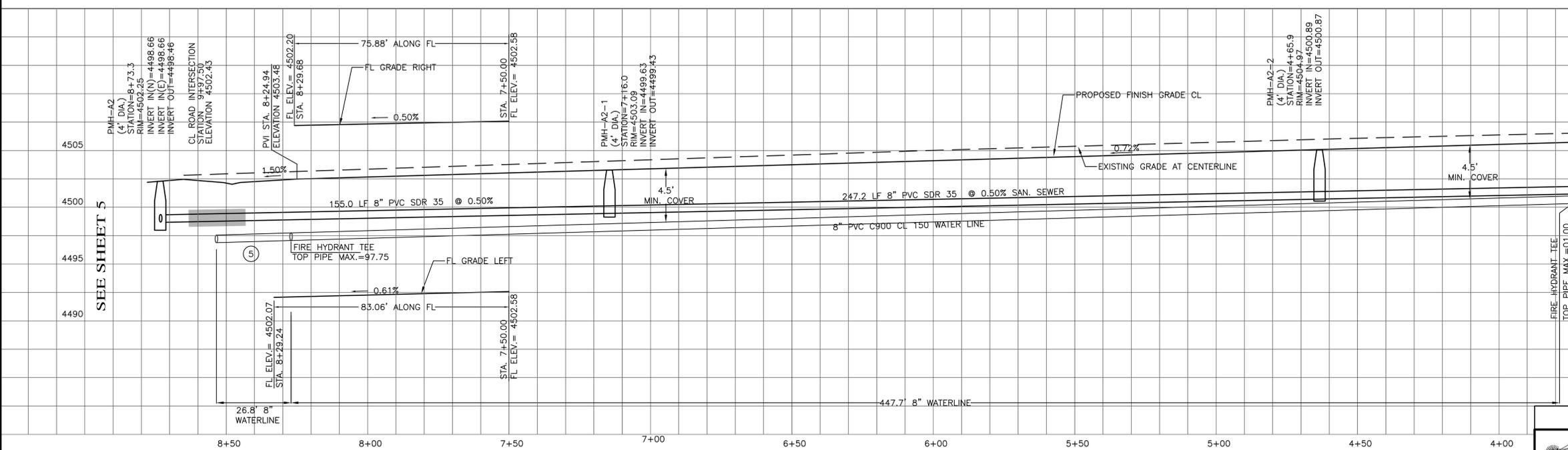
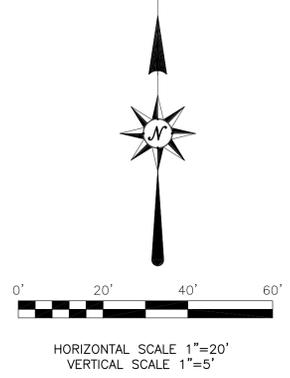
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Voice: (970) 243-8300  
Fax: (970) 241-1273  
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**ADOBE VIEW NORTH SUBDIVISION  
RED SKY ROAD  
PLAN & PROFILE**

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- CONSTRUCTION NOTES**
- 1 INSTALL FIRE HYDRANT ASSEMBLY PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS, INCLUDING TEE, VALVE, THRUST RESTRAINT, RISER AND HYDRANT SET TO GRADE. ALSO MEETING THE APPROVAL OF LOWER VALLEY FIRE DEPT.
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  - 4 CONSTRUCT 6.5' WIDE DRIVEOVER CONCRETE CURB GUTTER & WALK. SEE UTE WATER DETAIL SHEET 1.
  - 5 CONCRETE ENCASUREMENT. (SEE DETAIL ON UTE WATER SHEET 1).
  - 6 INSTALL 8"x8" TEE WITH 2-8" GATE VALVES PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
  - 7 INSTALL 8" PVC C900 CL 150 WATER LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
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  - 9 INSTALL SANITARY SEWER MANHOLE PER CITY OF FRUITA DETAIL SHEET 3.90 AND SHEET 3.91.
  - 10 CONSTRUCT CONCRETE CURB RETURN 20' RADIUS TO FLOWLINE INCLUDING RAMP AND FILLET. SEE CITY OF FRUITA DETAIL 5.10 D.
  - 11 INSTALL STOP SIGN (R1-1) AND STREET SIGNS PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.





**811**  
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**BENCHMARK**

MCSM #487-1  
E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM KMO231

**ADOBE VIEW WAY**

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

DATE  
(APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)

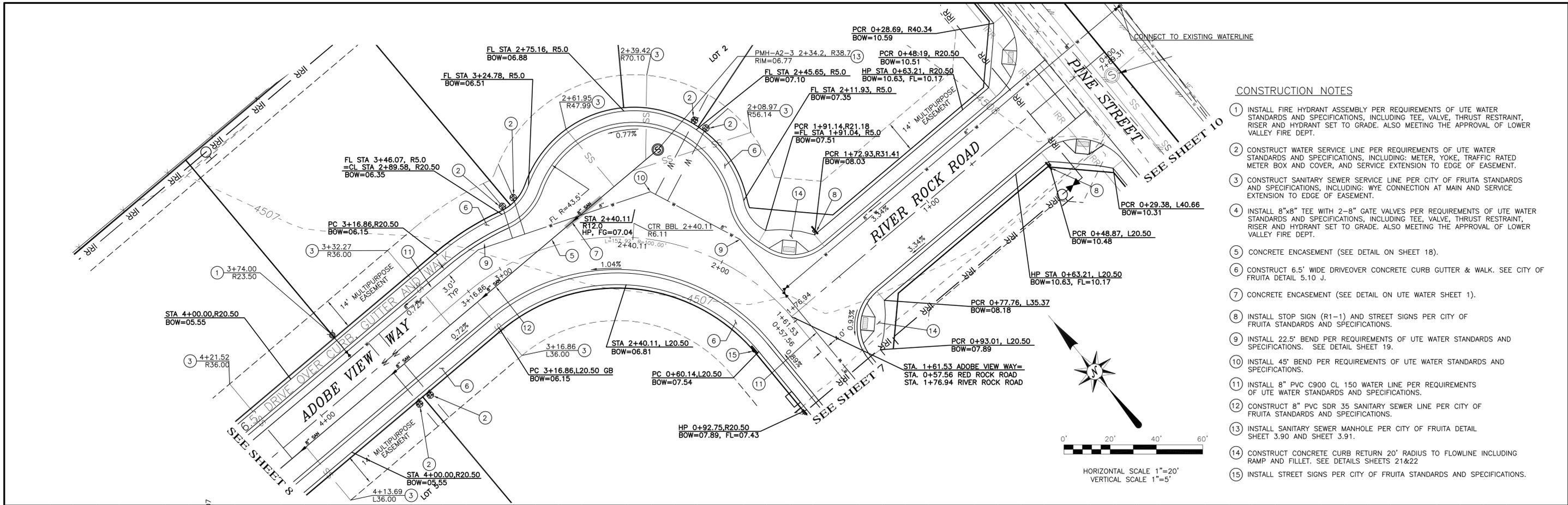


**RCE**  
Rolland Consulting Engineers, LLC

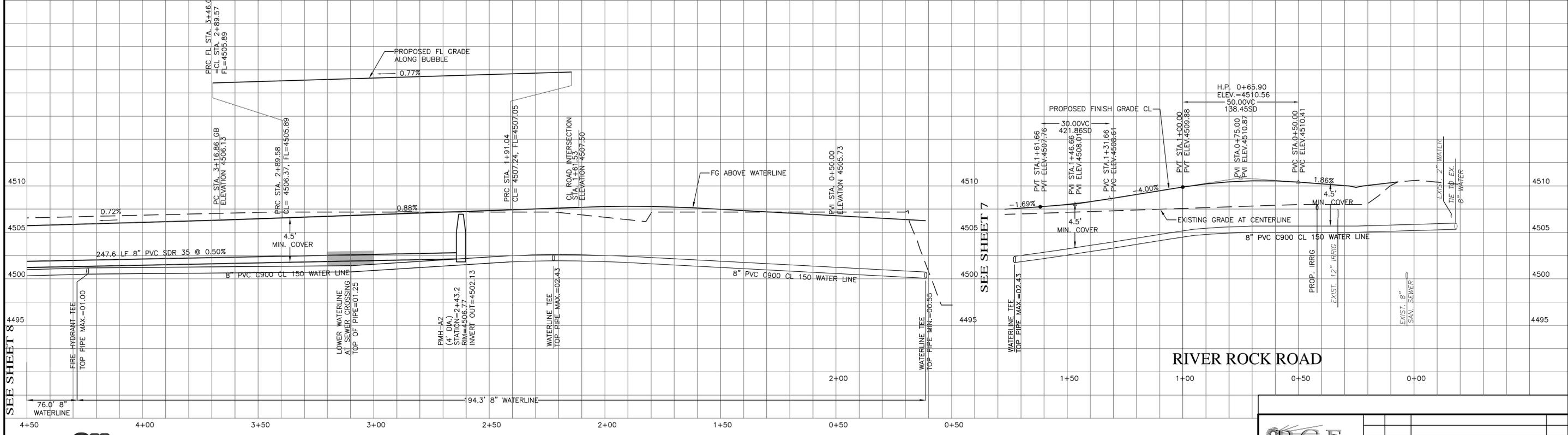
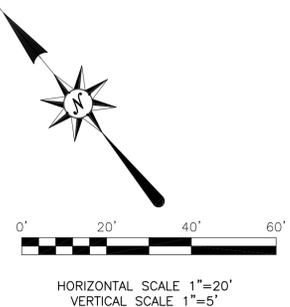
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SUBDIVISION  
ADOBE VIEW WAY  
PLAN & PROFILE**

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- ### CONSTRUCTION NOTES
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  - CONCRETE ENCASEMENT (SEE DETAIL ON SHEET 18).
  - CONSTRUCT 6.5' WIDE DRIVEOVER CONCRETE CURB GUTTER & WALK. SEE CITY OF FRUITA DETAIL 5.10 J.
  - CONCRETE ENCASEMENT (SEE DETAIL ON UTE WATER SHEET 1).
  - INSTALL STOP SIGN (R1-1) AND STREET SIGNS PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
  - INSTALL 22.5' BEND PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS. SEE DETAIL SHEET 19.
  - INSTALL 45' BEND PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
  - INSTALL 8" PVC C900 CL 150 WATER LINE PER REQUIREMENTS OF UTE WATER STANDARDS AND SPECIFICATIONS.
  - CONSTRUCT 8" PVC SDR 35 SANITARY SEWER LINE PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
  - INSTALL SANITARY SEWER MANHOLE PER CITY OF FRUITA DETAIL SHEET 3.90 AND SHEET 3.91.
  - CONSTRUCT CONCRETE CURB RETURN 20' RADIUS TO FLOWLINE INCLUDING RAMP AND FILLET. SEE DETAILS SHEETS 21&22
  - INSTALL STREET SIGNS PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.



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**BENCHMARK**

MCSM #487-1  
E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM KM0231

ADOBE VIEW NORTH  
SUBDIVISION  
ADOBE VIEW WAY & RIVER ROCK RD.  
PLAN & PROFILE

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

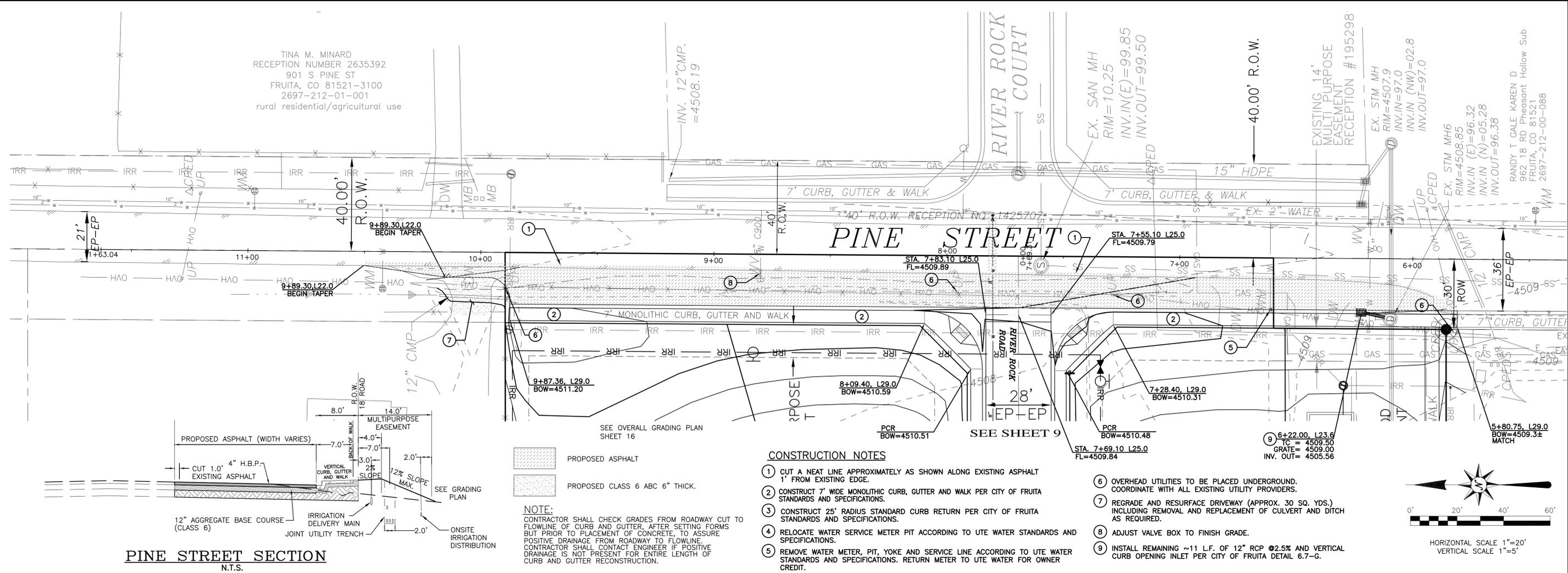
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Roland Consulting Engineers, LLC

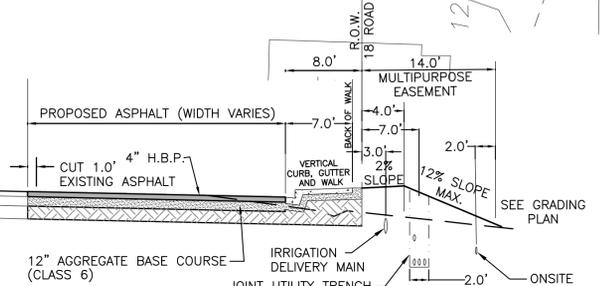
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File Name: C:\PROJECTS\A6216\A6216PrBase.dwg					Date: 8/31/16

TINA M. MINARD  
RECEPTION NUMBER 2635392  
901 S PINE ST  
FRUITA, CO 81521-3100  
2697-212-01-001  
rural residential/agricultural use



**PINE STREET SECTION**  
N.T.S.

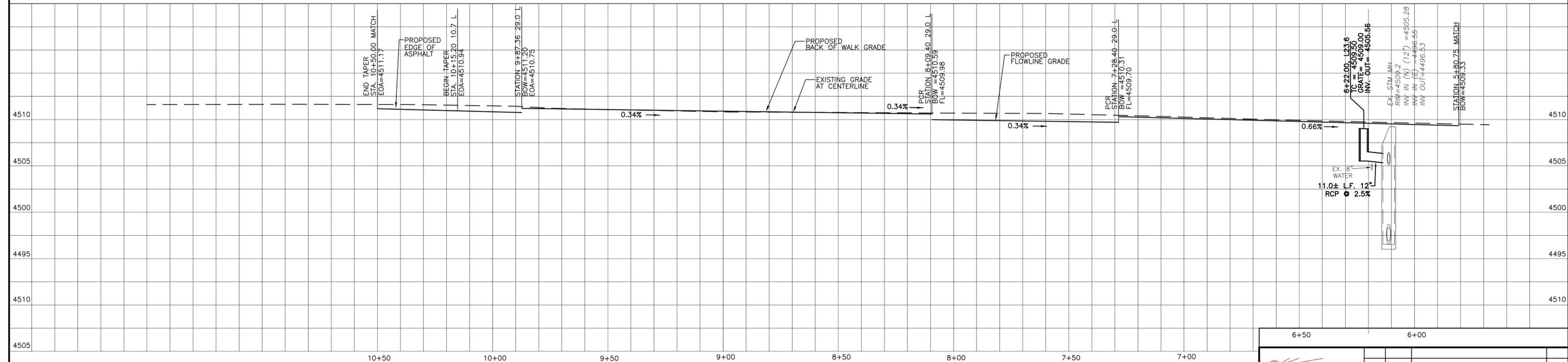
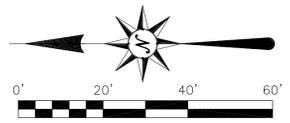


PROPOSED ASPHALT  
PROPOSED CLASS 6 ABC 6" THICK.

**NOTE:**  
CONTRACTOR SHALL CHECK GRADES FROM ROADWAY CUT TO FLOWLINE OF CURB AND GUTTER, AFTER SETTING FORMS BUT PRIOR TO PLACEMENT OF CONCRETE, TO ASSURE POSITIVE DRAINAGE FROM ROADWAY TO FLOWLINE. CONTRACTOR SHALL CONTACT ENGINEER IF POSITIVE DRAINAGE IS NOT PRESENT FOR ENTIRE LENGTH OF CURB AND GUTTER RECONSTRUCTION.

**CONSTRUCTION NOTES**

- CUT A NEAT LINE APPROXIMATELY AS SHOWN ALONG EXISTING ASPHALT 1' FROM EXISTING EDGE.
- CONSTRUCT 7' WIDE MONOLITHIC CURB, GUTTER AND WALK PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- CONSTRUCT 25' RADIUS STANDARD CURB RETURN PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- RELOCATE WATER SERVICE METER PIT ACCORDING TO UTE WATER STANDARDS AND SPECIFICATIONS.
- REMOVE WATER METER, PIT, YOKE AND SERVICE LINE ACCORDING TO UTE WATER STANDARDS AND SPECIFICATIONS. RETURN METER TO UTE WATER FOR OWNER CREDIT.
- OVERHEAD UTILITIES TO BE PLACED UNDERGROUND. COORDINATE WITH ALL EXISTING UTILITY PROVIDERS.
- REGRADE AND RESURFACE DRIVEWAY (APPROX. 30 SQ. YDS.) INCLUDING REMOVAL AND REPLACEMENT OF CULVERT AND DITCH AS REQUIRED.
- ADJUST VALVE BOX TO FINISH GRADE.
- INSTALL REMAINING ~11 L.F. OF 12" RCP @2.5% AND VERTICAL CURB OPENING INLET PER CITY OF FRUITA DETAIL 6.7-G.



**PINE STREET**

**BENCHMARK**  
MCSM #487-1  
E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEVATION = 4507.73  
BASED ON N65 BM KMO231  
(NAVD 88)

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

DATE  
(APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)



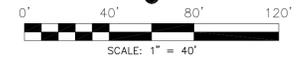
405 Ridges Blvd, Suite A  
Grand Junction, CO 81507  
Voice: (970) 243-8300  
Fax: (970) 241-1273  
www.rcegi.com

**ADOBE VIEW NORTH  
SUBDIVISION  
PINE STREET  
PLAN & PROFILE**

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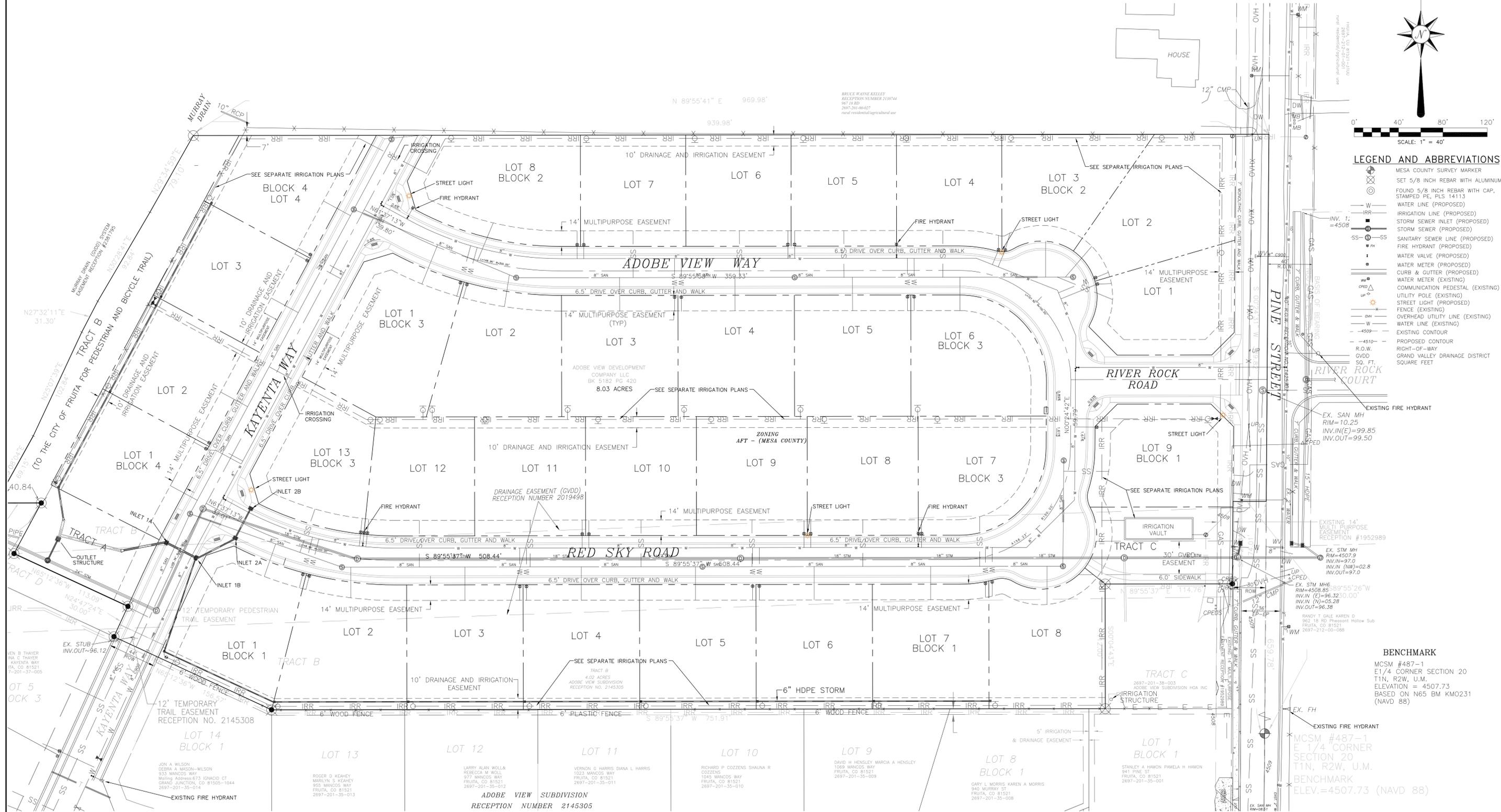
**811**  
Know what's below.  
Call before you dig.  
CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

# ADOBE VIEW NORTH SUBDIVISION



## LEGEND AND ABBREVIATIONS

- MESA COUNTY SURVEY MARKER
- SET 5/8 INCH REBAR WITH ALUMINUM
- FOUND 5/8 INCH REBAR WITH CAP. STAMPED PE, FLS 14113
- WATER LINE (PROPOSED)
- IRRIGATION LINE (PROPOSED)
- STORM SEWER INLET (PROPOSED)
- STORM SEWER (PROPOSED)
- SANITARY SEWER LINE (PROPOSED)
- FIRE HYDRANT (PROPOSED)
- WATER VALVE (PROPOSED)
- WATER METER (PROPOSED)
- CURB & GUTTER (PROPOSED)
- WATER METER (EXISTING)
- COMMUNICATION PEDESTAL (EXISTING)
- UTILITY POLE (EXISTING)
- STREET LIGHT (PROPOSED)
- FENCE (EXISTING)
- OVERHEAD UTILITY LINE (EXISTING)
- WATER LINE (EXISTING)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- RIGHT-OF-WAY
- GRAND VALLEY DRAINAGE DISTRICT
- SQUARE FEET



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MCSM #487-1  
E 1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
ELEV. = 4507.73 (NAVD 88)

### UTILITY PROVIDERS:

UTILITY COMPANY	PHONE NUMBER
City of Fruita (Sanitary Sewer)	(970) 858-9558
Ute Water District	(970) 242-7491
Century Link (Telephone)	(970) 244-4311
Charter Cable Company	(970) 210-2550
Xcel Energy (Electric)	(800) 895-1999
Grand Valley Irrigation Company	(970) 242-2762
Grand Valley Drainage District	(970) 242-4343
Xcel Energy (Gas)	(800) 628-2121

### AREA SUMMARY

DESCRIPTION	ACRES	PERCENT
LOTS (34 Single Family Residential)	8.726	72.42%
TRACT A (Open Space)	0.174	1.44%
TRACT B (Open Space)	0.327	2.71%
TRACT C (Open Space)	0.199	1.65%
DEDICATED R.O.W. (CITY OF FRUITA)	2.624	21.78%
<b>TOTAL</b>	<b>12.050</b>	<b>100.00%</b>

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

DATE (APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)

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UTE WATER

DATE



**Know what's below. Call before you dig.**

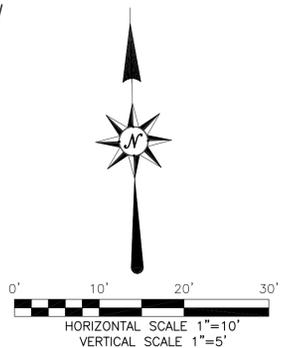
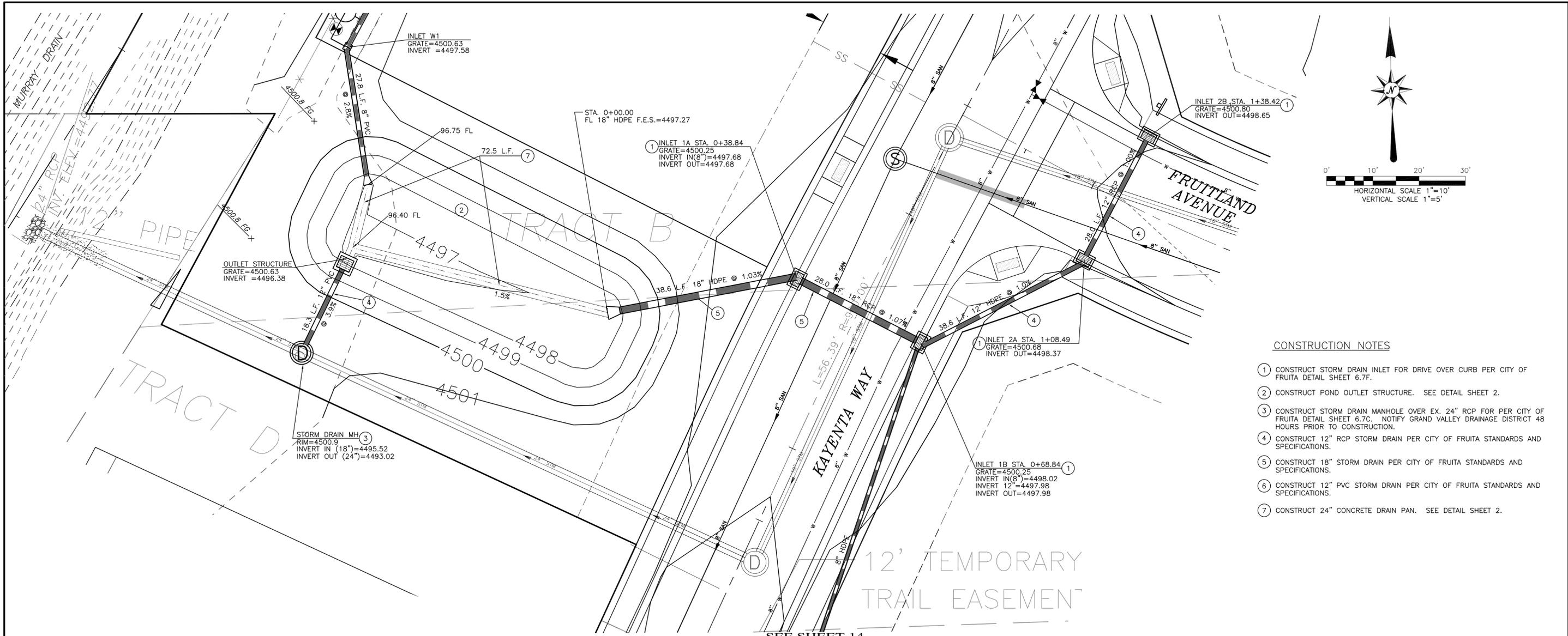
CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



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Fax: (970) 241-1273  
www.rcbe.com

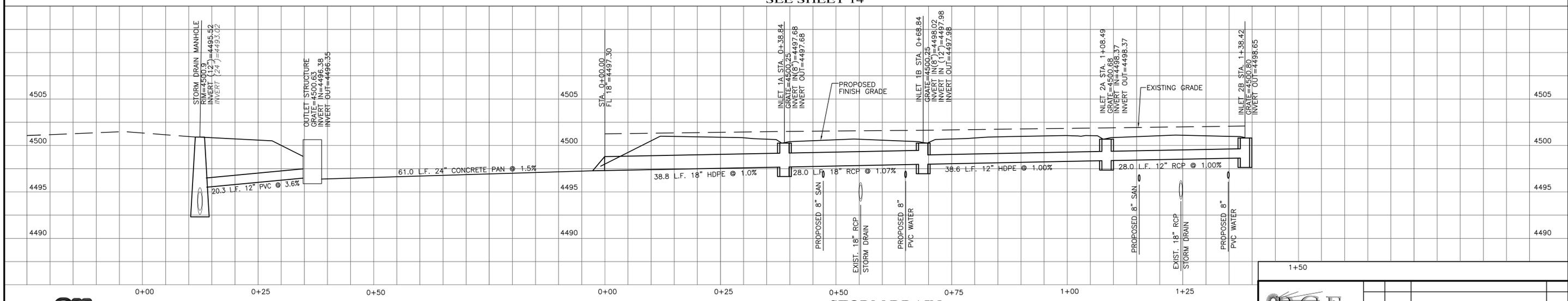
## ADOBE VIEW NORTH SUBDIVISION UTILITY COMPOSITE

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File Name: C:\PROJECTS\A6216\A6216PrBase.dwg				Date: 8/31/16	Of: 16



**CONSTRUCTION NOTES**

- ① CONSTRUCT STORM DRAIN INLET FOR DRIVE OVER CURB PER CITY OF FRUITA DETAIL SHEET 6.7F.
- ② CONSTRUCT POND OUTLET STRUCTURE. SEE DETAIL SHEET 2.
- ③ CONSTRUCT STORM DRAIN MANHOLE OVER EX. 24" RCP FOR PER CITY OF FRUITA DETAIL SHEET 6.7C. NOTIFY GRAND VALLEY DRAINAGE DISTRICT 48 HOURS PRIOR TO CONSTRUCTION.
- ④ CONSTRUCT 12" RCP STORM DRAIN PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- ⑤ CONSTRUCT 18" STORM DRAIN PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- ⑥ CONSTRUCT 12" PVC STORM DRAIN PER CITY OF FRUITA STANDARDS AND SPECIFICATIONS.
- ⑦ CONSTRUCT 24" CONCRETE DRAIN PAN. SEE DETAIL SHEET 2.



**811**  
Know what's below.  
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**BENCHMARK**  
 MCSM #487-1  
 E1/4 CORNER SECTION 20  
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 (NAVD 88)

**STORM DRAIN**

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

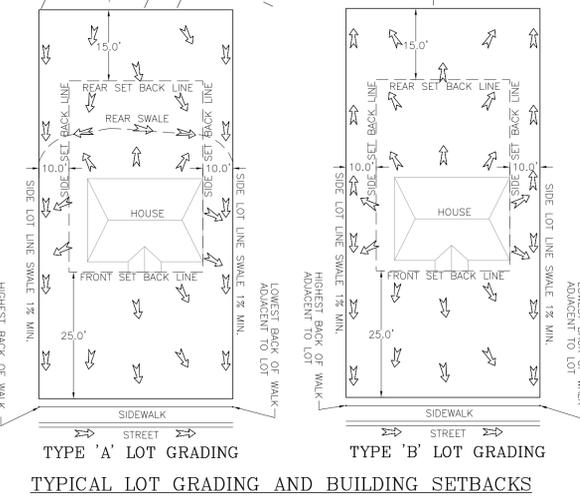
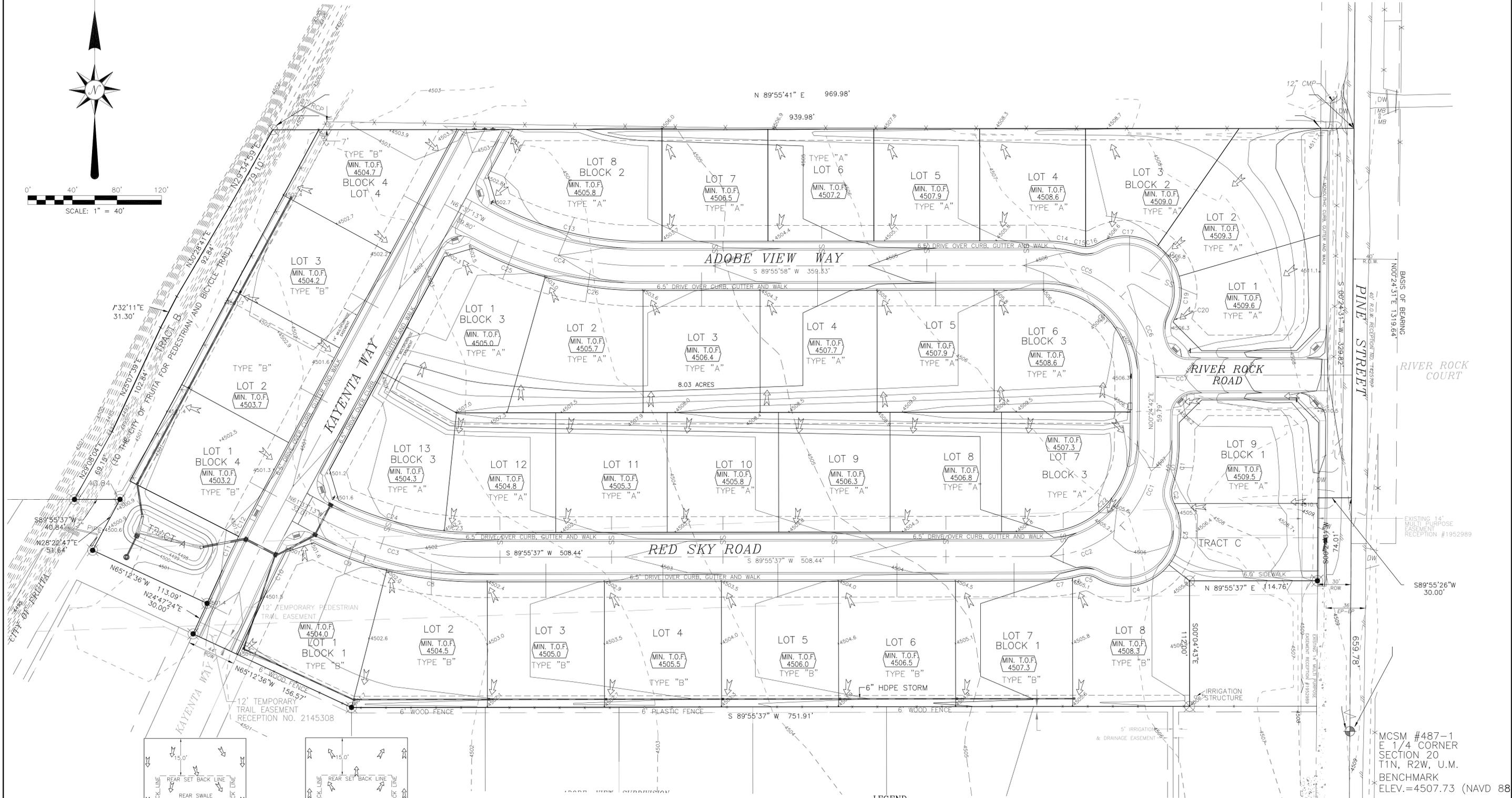
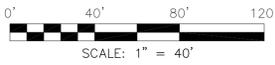
DATE (APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)

1+50

**ADOBE VIEW NORTH SUBDIVISION STORM DRAIN PLAN & PROFILE**

405 Ridges Blvd, Suite A  
 Grand Junction, CO 81507  
 Voice: (970) 243-8300  
 Fax: (970) 241-1273  
 www.rcegi.com

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File Name:	C:\PROJECTS\A6216\A6216PrBase.dwg						Date	8/31/16	Of	16	



**TOP OF FOUNDATION (TOP) ELEVATION TABLE**

LOT	BLOCK	MIN. TOF	MAX. TOF	TYPE
1	1	4504.0	4505.0	B
2	1	4504.5	4505.5	B
3	1	4505.0	4506.0	B
4	1	4505.5	4506.5	B
5	1	4506.0	4507.0	B
6	1	4506.5	4507.5	B
7	1	4507.3	4508.3	B
8	1	4508.3	4509.3	B
9	1	4509.5	4510.5	A
10	2	4509.6	4510.6	A
11	2	4509.3	4510.3	A
12	2	4509.0	4510.0	A
13	2	4508.6	4509.6	A
1	2	4509.9	4508.9	A
2	2	4507.2	4508.2	A
3	2	4506.5	4507.5	A
4	2	4505.8	4506.8	A

LOT	BLOCK	MIN. TOF	MAX. TOF	TYPE
1	3	4505.0	4506.0	A
2	3	4505.7	4506.7	A
3	3	4506.4	4507.4	A
4	3	4507.7	4508.7	A
5	3	4507.9	4508.9	A
6	3	4508.6	4509.6	A
7	3	4507.3	4508.3	A
8	3	4506.8	4507.8	A
9	3	4506.3	4507.3	A
10	3	4505.8	4506.8	A
11	3	4505.3	4506.3	A
12	3	4504.8	4505.8	A
13	3	4504.3	4505.3	A
1	4	4503.2	4504.2	B
2	4	4503.7	4504.7	B
3	4	4504.2	4505.2	B
4	4	4504.7	4505.7	B

**LEGEND**

- PROPOSED SPOT ELEVATION
- PROPOSED DRAINAGE PATTERNS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- LOT GRADING TYPE AND MINIMUM TOP OF FOUNDATION ELEVATION
- DEVELOPED BASIN

APPROVED FOR CONSTRUCTION

GRAND VALLEY DRAINAGE DISTRICT

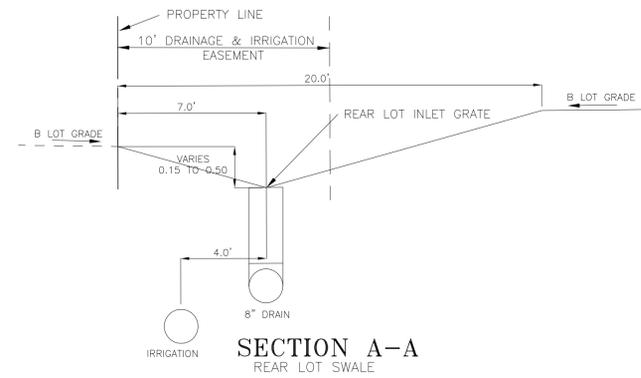
DATE (APPROVAL IS GOOD FOR ONE YEAR FROM ABOVE DATE)



**ADOBE VIEW NORTH SUBDIVISION OVERALL GRADING & DRAINAGE PLAN**

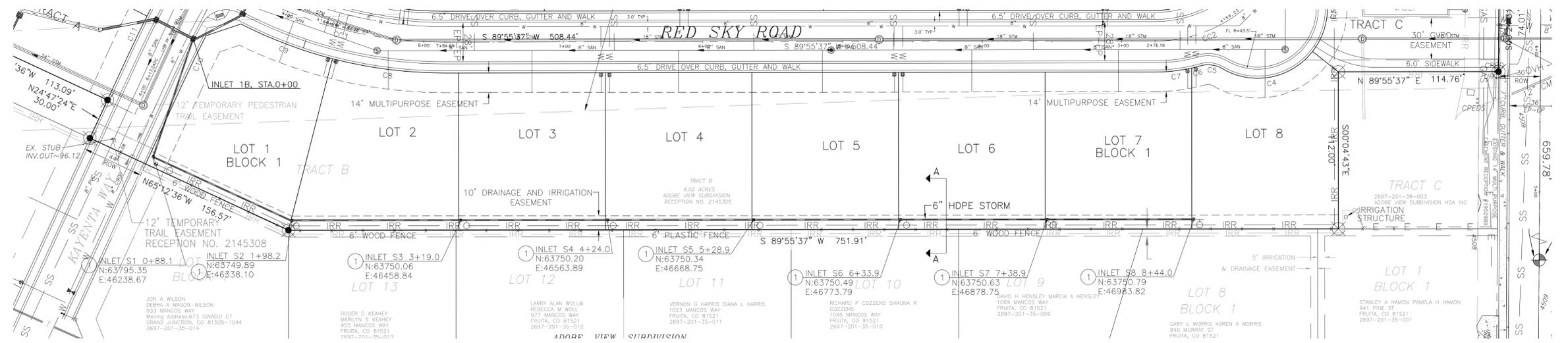
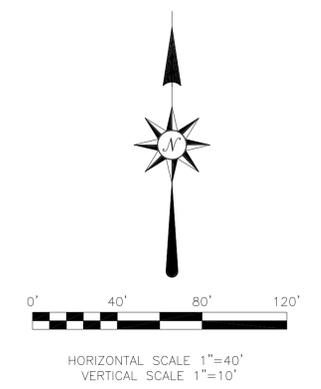
MCSM #487-1  
E 1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
BENCHMARK  
ELEV. = 4507.73 (NAVD 88)

**BENCHMARK**  
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E 1/4 CORNER SECTION 20  
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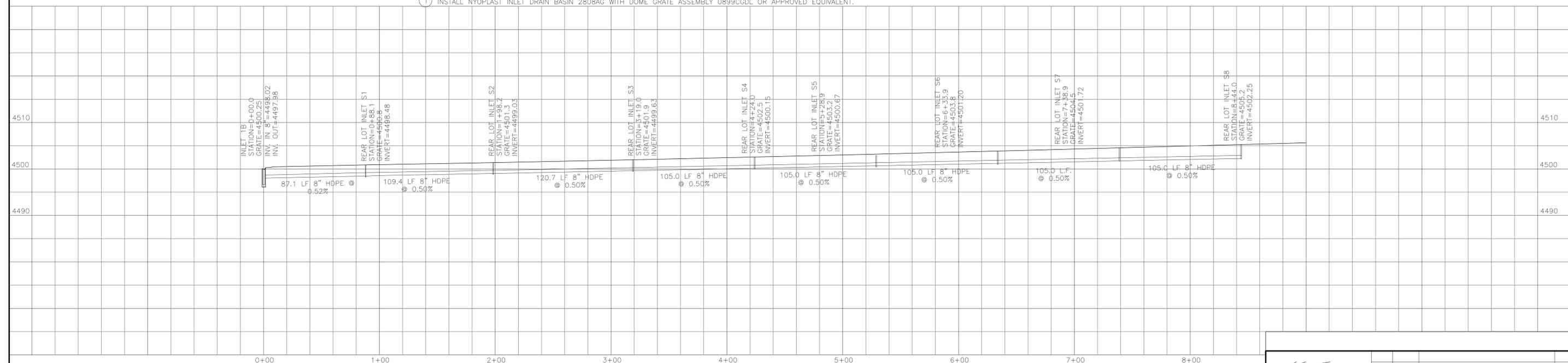
**CONSTRUCTION NOTES**

- 1 INSTALL NYOPLAST INLET DRAIN BASIN 2808AG WITH DOME GRATE ASSEMBLY 0899CGDL OR APPROVED EQUIVALENT.



**CONSTRUCTION NOTES**

- 1 INSTALL NYOPLAST INLET DRAIN BASIN 2808AG WITH DOME GRATE ASSEMBLY 0899CGDL OR APPROVED EQUIVALENT.



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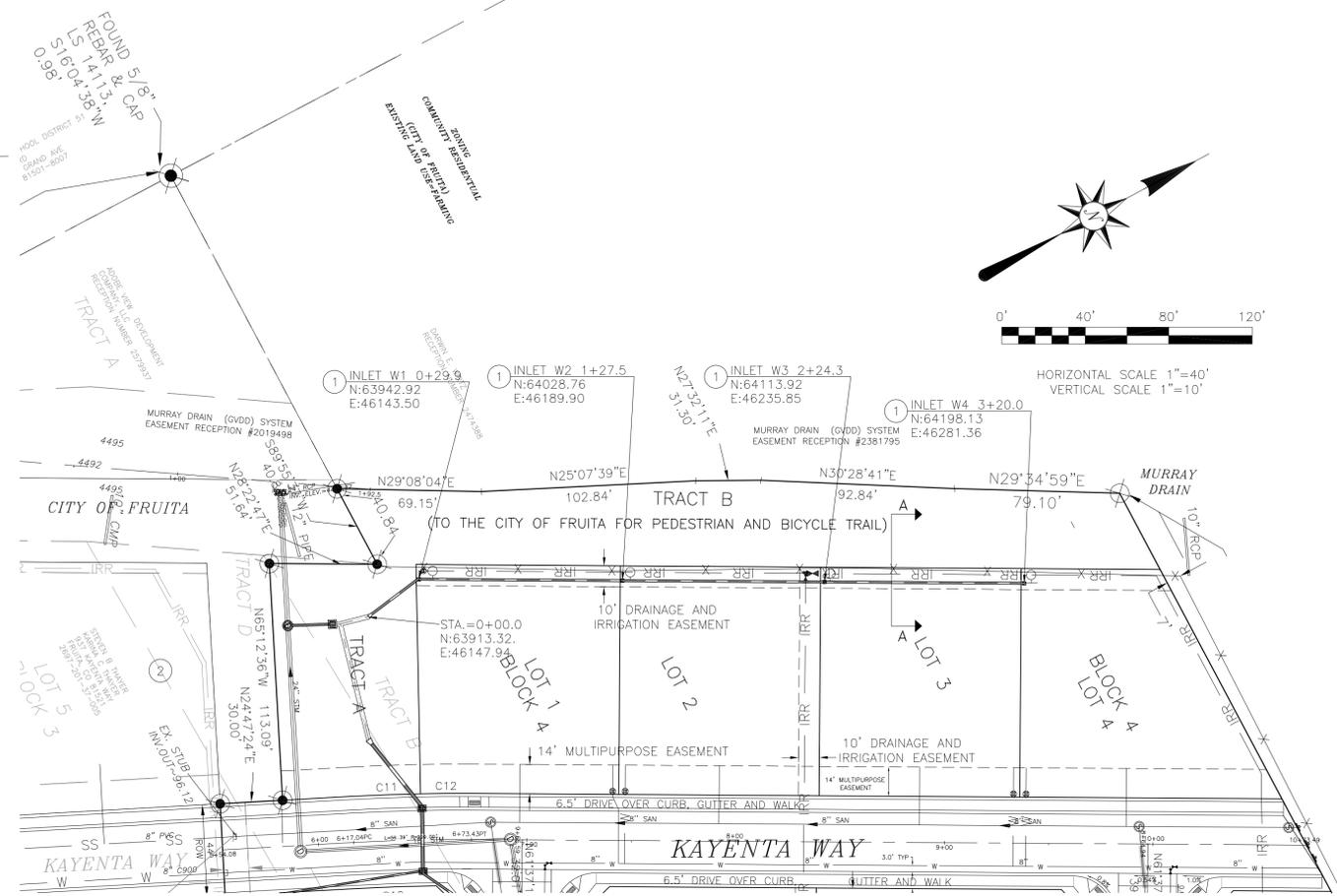
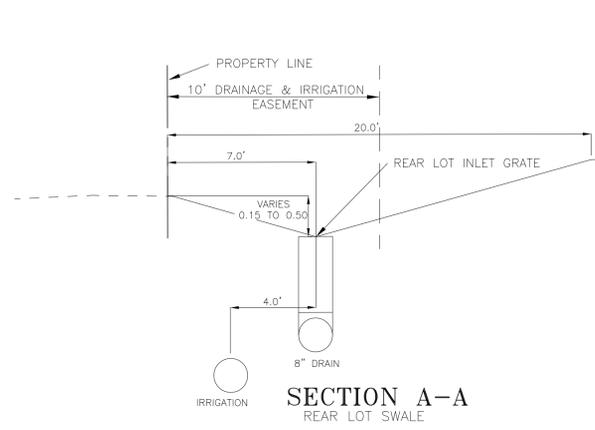
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APPROVED FOR CONSTRUCTION  
  
CITY OF FRUITA ENGINEER  
  
DATE  
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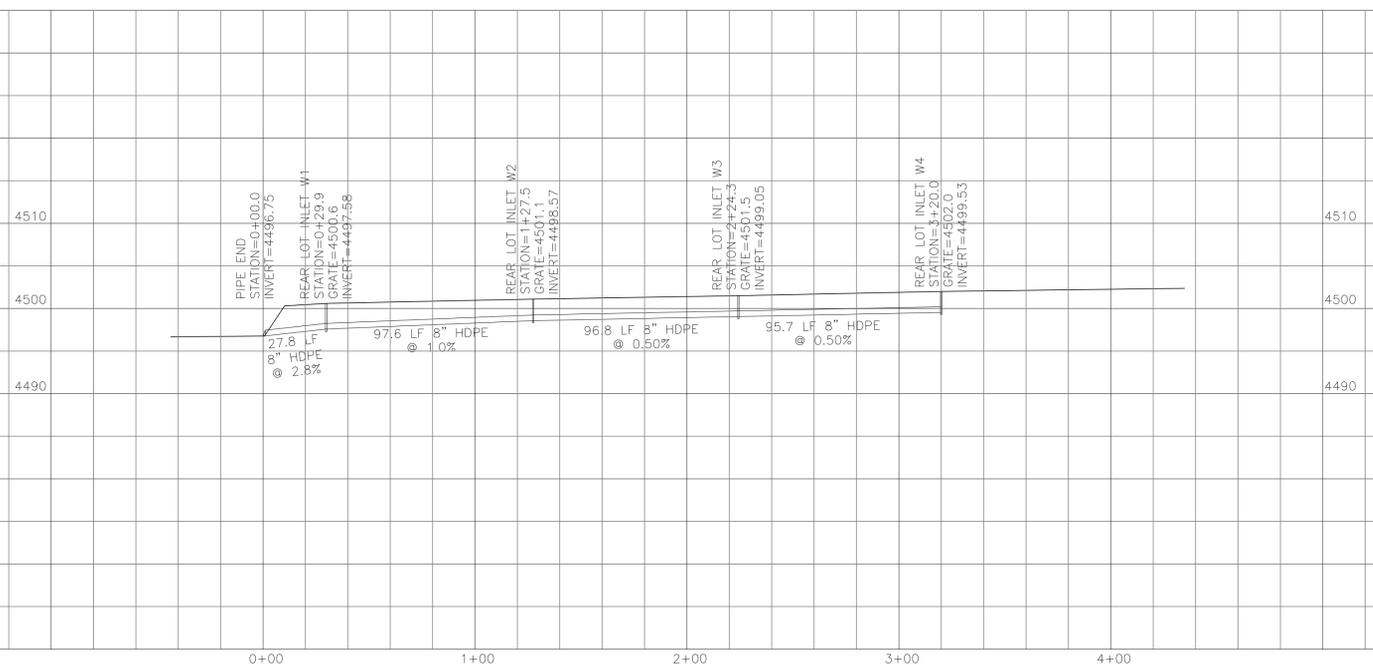
**ADOBE VIEW NORTH SUBDIVISION BLOCK 1 REAR LOT DRAIN PLAN & PROFILE**

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**CONSTRUCTION NOTES**

1. INSTALL NYOPLAST INLET DRAIN BASIN 2808AG WITH DOME GRATE ASSEMBLY 0899CGDL OR APPROVED EQUIVALENT.



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E1/4 CORNER SECTION 20  
T1N, R2W, U.M.  
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**ADOBE VIEW NORTH  
SUBDIVISION  
BLOCK 4 REAR LOT DRAIN  
PLAN & PROFILE**

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File Name:	c:\PROJECTS\A6216\A6216PrBase.dwg								Date	8/31/16	Of	16



**LEGEND:**

- 4646 EXISTING CONTOUR
- SD EXISTING STORM SEWER
- EXISTING INLET
- EXISTING STORM MANHOLE
- CONSTRUCTION ENTRANCE STABILIZATION, SEE EROSION CONTROL MEASURES, NOTE 3 (VTC)
- DITCH EROSION BALES (DB)
- PROPOSED SILT FENCE (SF)
- PROPOSED DIVERSION DITCH (DD)
- INLET PROTECTION (IP)
- PROPOSED DRAINAGE PATTERNS

**EROSION CONTROL MEASURES**

- Erosion control measures consist of construction sequencing, permanent proposed drainage facilities, and temporary inlet protection. The Contractor may propose a different sequence for approval by the Owner's Representative.
- Install inlet protection at all inlets receiving runoff from disturbed areas. Inlet protection may consist of gravel/fabric filters or other approved methods. Inlet protection shall remain in place until vegetative cover and paving is in place.
- Construction entrance shall consist of 1" to 3" coarse aggregate or crushed rock 6" deep over a geotextile filter fabric.
- The Contractor shall control dust at all times in accordance with Colorado Dept. of Public Health and Environment standards. If dust control measures are inadequate, the Owner's Representative will require the Contractor to apply a dust palliative, tackifier, or temporary seeding at no additional cost. Any products applied to control dust shall be compatible with the landscaping plan and shall be approved by the Owner's Representative.

**MAINTENANCE**

- The Contractor shall inspect all erosion control measures and general site conditions for erosion problems bi-weekly and after each rainfall or significant snowmelt. Records of inspections shall be maintained and kept on site at all times.
- Needed sediment removal and erosion repairs shall be performed immediately. Sediment shall be removed before it reaches one-half the fabric height on the silt fence. Sediment shall be uniformly spread in open areas and seeded if necessary.
- Erosion control measures shall stay in place until permanent landscaping and surfacing is installed or until site conditions warrant different controls.

**ADDITIONAL CONTRACTOR INFORMATION**

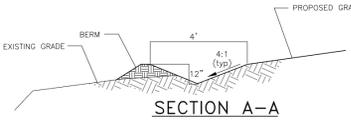
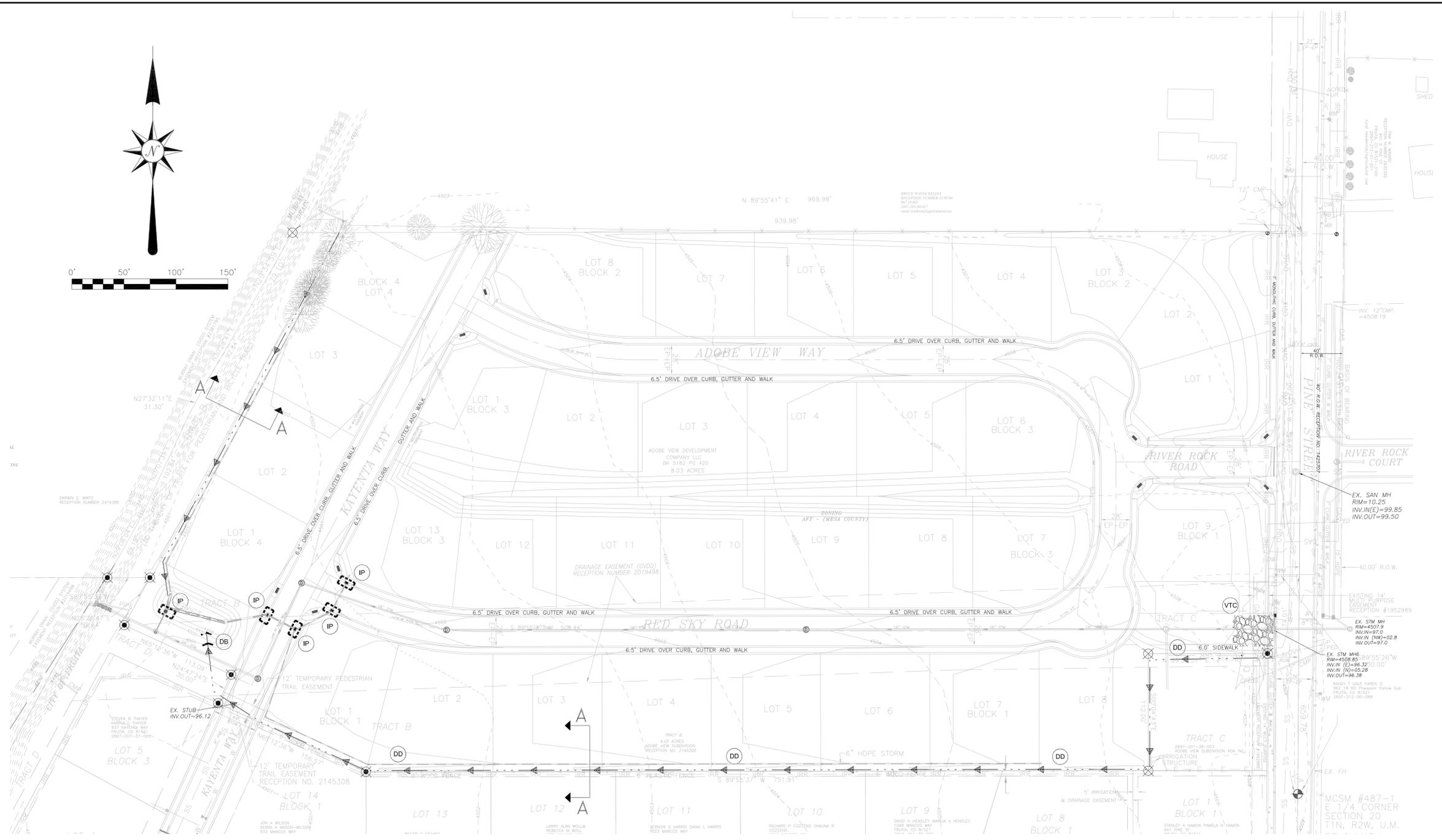
- This Stormwater Management Plan establishes the minimum acceptable requirements for stormwater pollution prevention on site. The Contractor may supplement these requirements as appropriate for specific construction activities. Any changes to the practices shown on this plan must be approved by the Owner's Representative prior to implementation.
- The Contractor shall obtain a Colorado Stormwater Construction General Permit (Permit No. COR-03-\_\_\_\_\_).
- The Contractor shall supplement this plan to show the storage locations for all chemicals, fertilizers, and other potential pollution sources stored on site. Additionally, the Contractor shall provide descriptions of all of these materials.
- All chemicals shall be stored in their original containers or in other properly labeled containers. All spills shall be cleaned up immediately and properly disposed of.
- A copy of this plan and the product descriptions shall be maintained on site at all times.

**NOTE:**

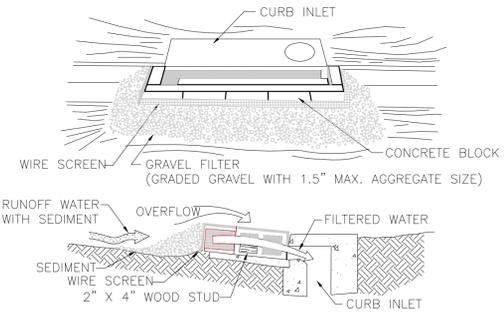
THIS SHEET SHOULD NOT BE CONSTRUED AS MEETING THE FULL INTENT OF THE STATE OF COLORADO STORMWATER MANAGEMENT REQUIREMENTS.

**BENCHMARK**

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(NAVD 88)



- TEMPORARY DIVERSION DITCH SHALL BE CONSTRUCTED ACROSS THE SLOPE TO INTERCEPT RUNOFF AND DIRECT IT TO A STABLE OUTLET OR SEDIMENT TRAP.
- USE IMMEDIATELY ABOVE A NEW CUT OR FILL SLOPE OR AROUND THE PERIMETER OF A DISTURBED AREA.
- GRADIENT ALONG THE FLOW PATH SHALL HAVE A POSITIVE GRADE TO ASSURE DRAINAGE.
- BOTH SIDES OF BERM TO BE COMPACTED IN PLACE USING EQUIPMENT WHEEL ROLL OR OTHER METHOD.



**SPECIFIC APPLICATION**

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF STRUCTURE.

**NOTE:**

- ALTERNATE DESIGN COULD UTILIZE GRAVEL FILLED BAGS.

**CURB INLET PROTECTION  
BLOCK AND GRAVEL FILTER**

APPROVED FOR CONSTRUCTION

CITY OF FRUITA ENGINEER

DATE  
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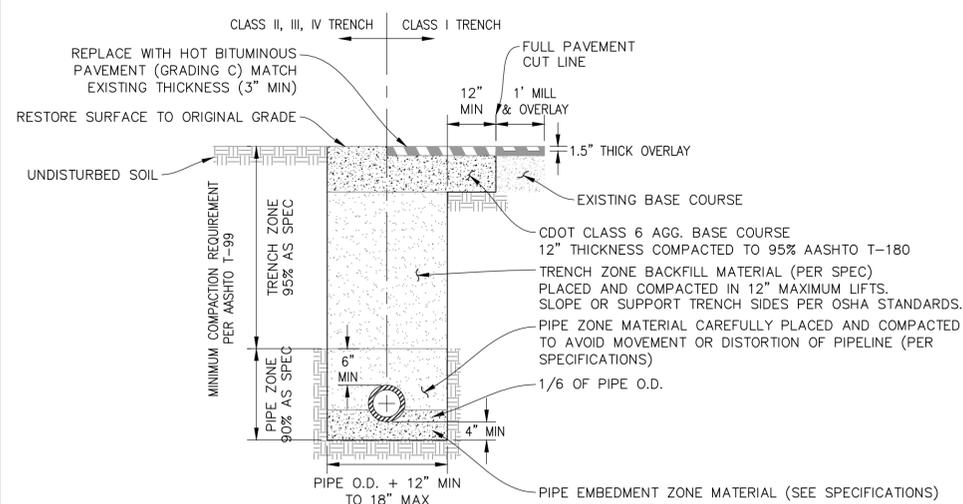


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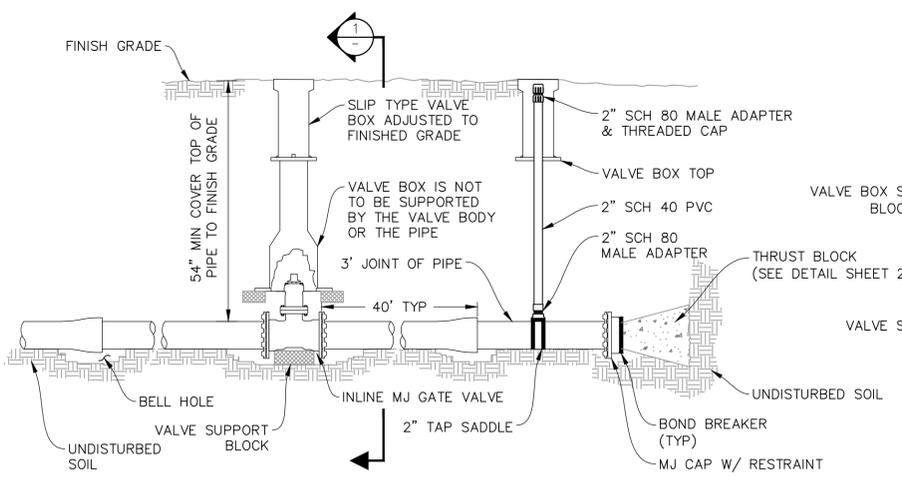
**ADOBE VIEW NORTH  
SUBDIVISION  
STORM WATER MANAGEMENT  
PLAN**

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File Name:	C:\PROJECTS\A6216\A6216PrBase.dwg								Date:	8/31/16	Of	16

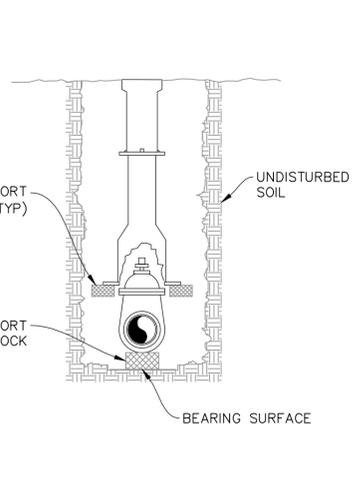
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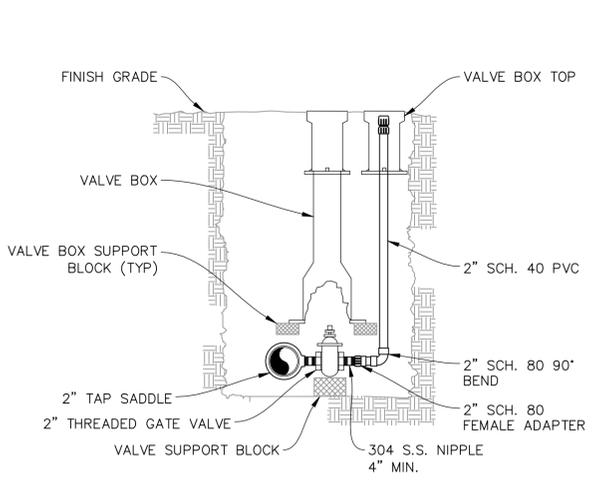
**TRENCH DETAIL (A)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS



**VALVE INSTALLATION, LINE TERMINATION & TYPE "A" BLOWOFF (B)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS

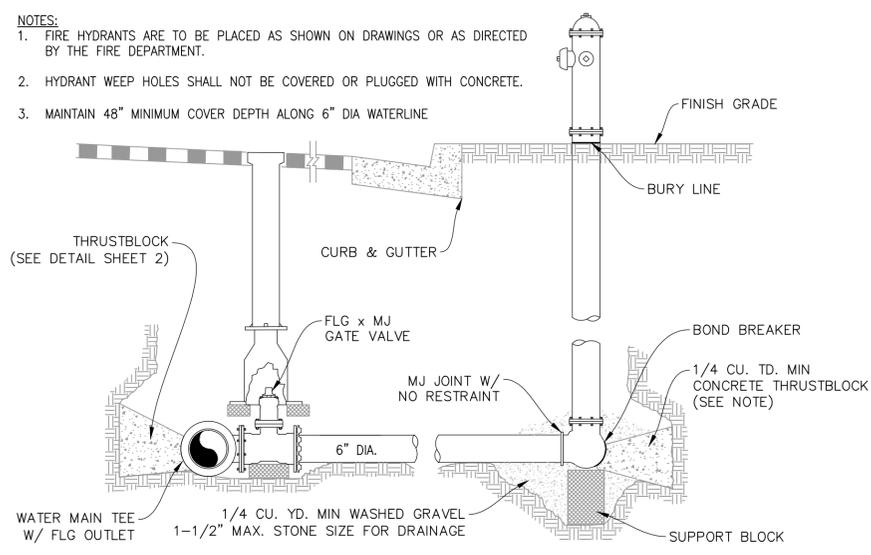


**VALVE SECTION (1)**  
SCALE: NTS

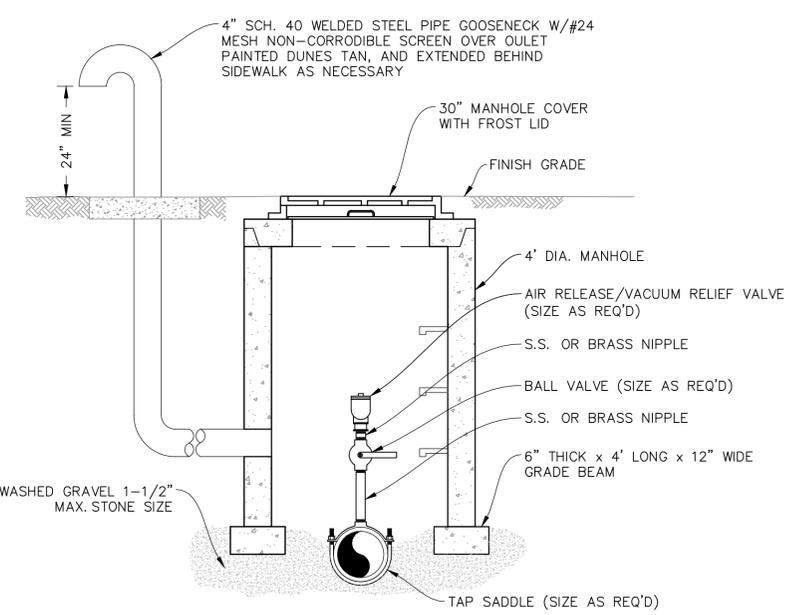


**TYPE "B" BLOWOFF DETAIL (C)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS

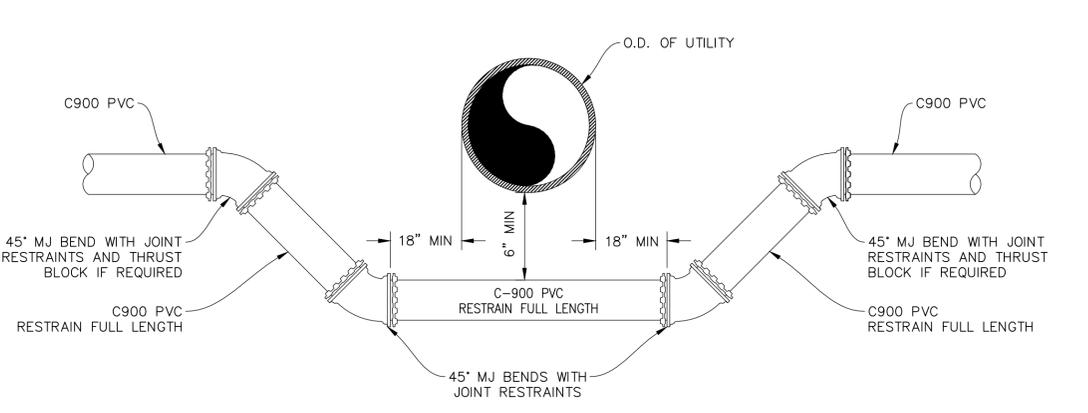
- NOTES:**
- FIRE HYDRANTS ARE TO BE PLACED AS SHOWN ON DRAWINGS OR AS DIRECTED BY THE FIRE DEPARTMENT.
  - HYDRANT WEEP HOLES SHALL NOT BE COVERED OR PLUGGED WITH CONCRETE.
  - MAINTAIN 48" MINIMUM COVER DEPTH ALONG 6" DIA WATERLINE.



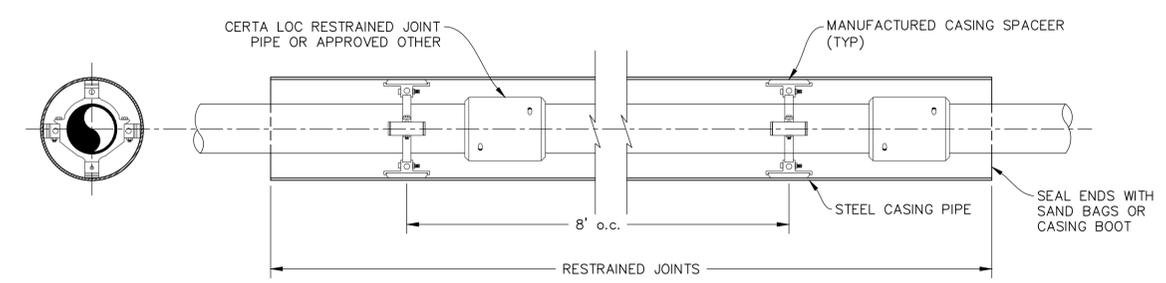
**FIRE HYDRANT DETAIL (D)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS



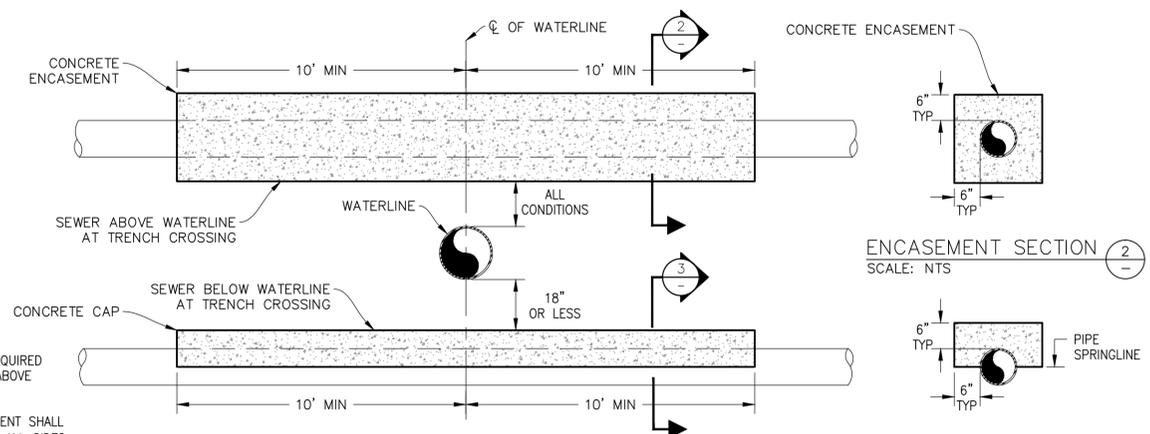
**AIR RELEASE/VACUUM RELIEF DETAIL (E)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS



**TRENCH CROSSING UNDER UTILITY (F)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS



**PIPELINE ENCASEMENT DETAIL (G)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS



**TRENCH CROSSING OF SEWER (H)**  
UTE WATER STANDARD DETAILS  
SCALE: NTS

- NOTE:**
- CONCRETE WITH FIBER MESH REQUIRED FOR SEWER LINE ENCASEMENT ABOVE WATER LINE.
  - CONCRETE COLLAR OR ENCASEMENT SHALL BE A MINIMUM OF 6" THICK ON ALL SIDES OF SEWER LINE.

**ENCASEMENT SECTION (2)**  
SCALE: NTS

**ENCASEMENT SECTION (3)**  
SCALE: NTS

DATE:	MAY 2015
CAD:	D.REED
DESIGN:	
CHECKED:	VERT. SCALE: NTS
APPROVED:	D.PRISKE HORIZ. SCALE: NTS



UTE WATER CONSERVANCY DISTRICT  
GRAND JUNCTION, CO 81505  
PH. (970)242-7491  
FX. (970)242-9189

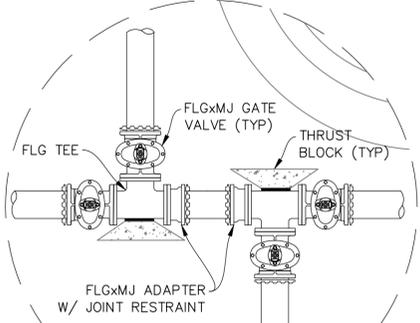
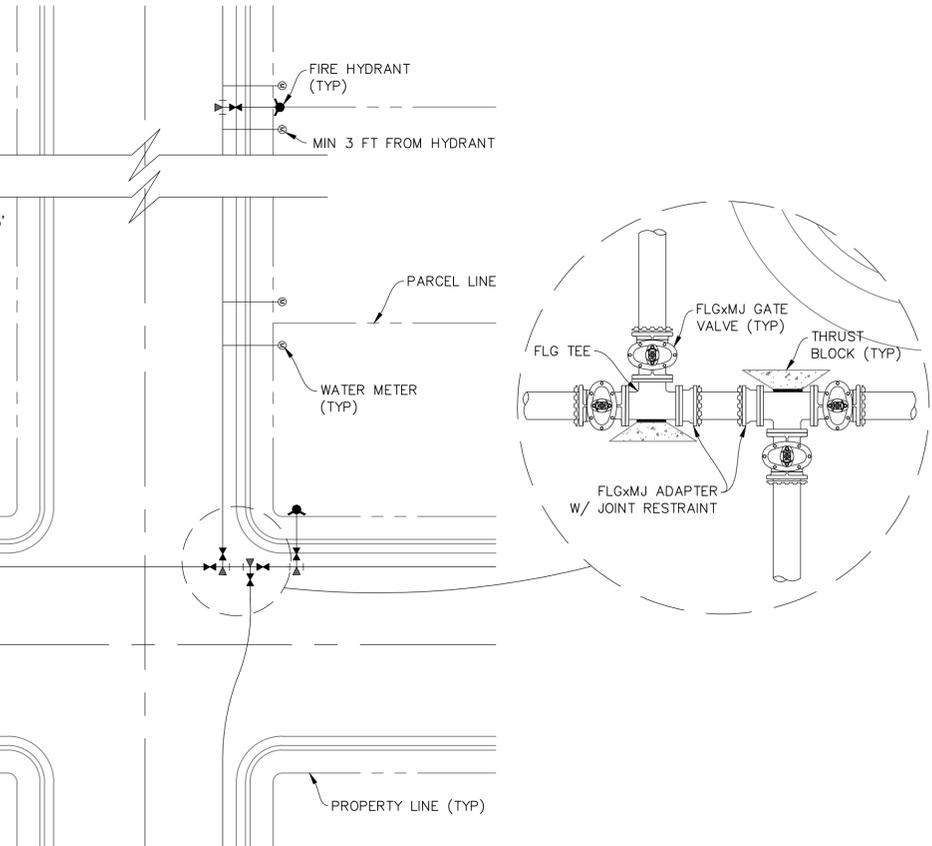
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UTE WATER  
STANDARD DETAILS

DETAIL SHEET 1 OF 2

SHEET NO.  
1

- NOTES:**
1. WATER LINES ARE TO BE INSTALLED ON THE NORTH OR EAST SIDE OF THE R.O.W., NO LESS THAN 2' OR MORE THAN 3' FROM LIP OF CURB UNLESS OTHERWISE SHOWN.
  2. ALL FERROUS METAL PIPE, VALVES, FITTINGS, AND APPURTENANCES SHALL BE WRAPPED WITH A MINIMUM 8 MIL HIGH DENSITY POLYETHYLENE MATERIAL PRIOR TO BACKFILLING.
  3. DEADENDS MUST EXTEND A MIN. OF 43' BEYOND THE LAST VALVE, TO A POINT BEYOND SURFACE IMPROVEMENTS, OR TO THE PROJECT LIMITS, WHICHEVER IS GREATER.
  4. AVOID METER SERVICES OFF OF DEADEND LINES.
  5. HYDRANT LOCATIONS TO BE AT INTERSECTIONS AND/OR ON PARCEL LINES AND PAIRED WITH WATER METER SERVICES.



**TABLE FOR CONCRETE THRUST BLOCKING**  
BEARING AREAS (IN SQ. FT.)

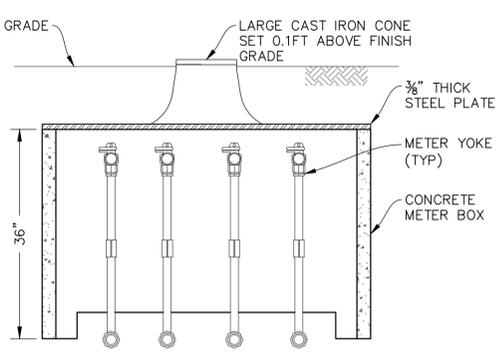
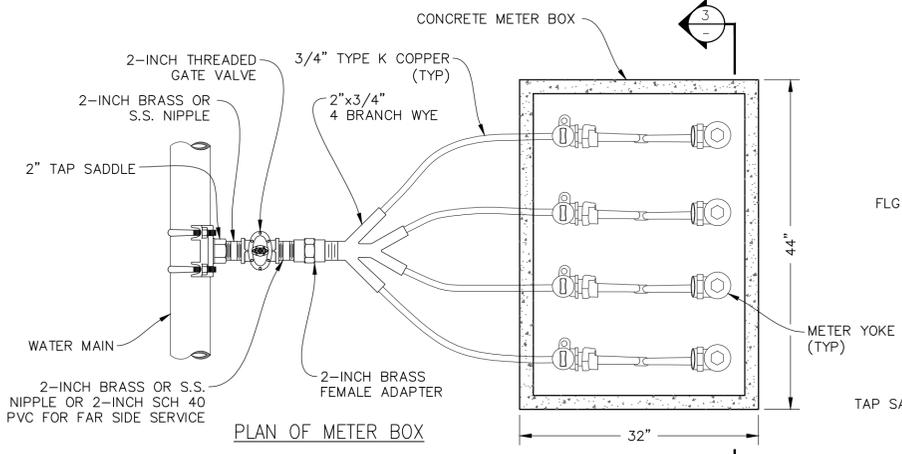
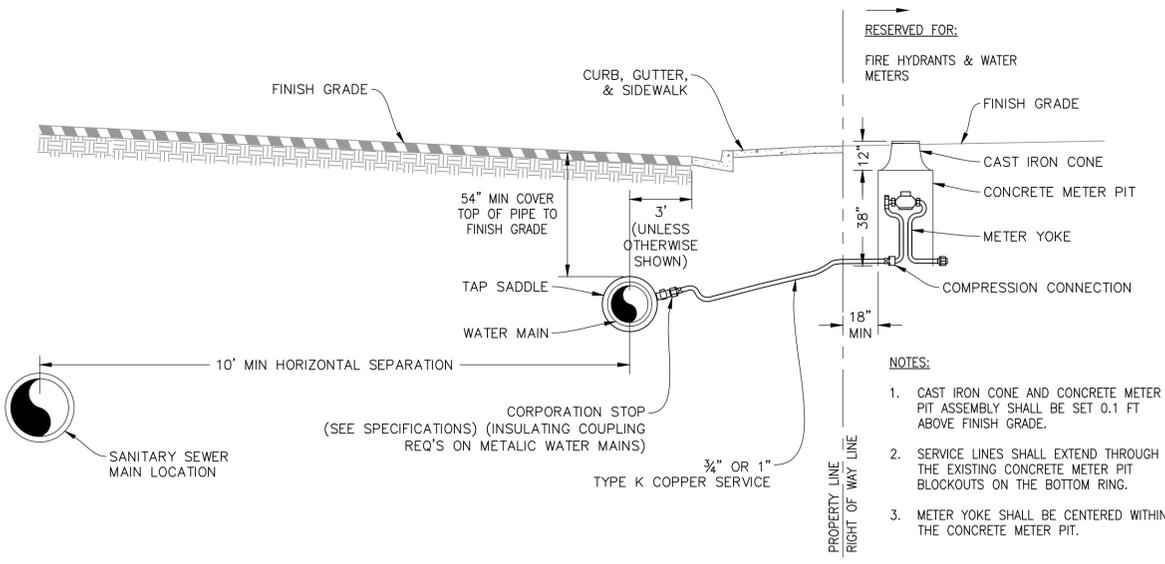
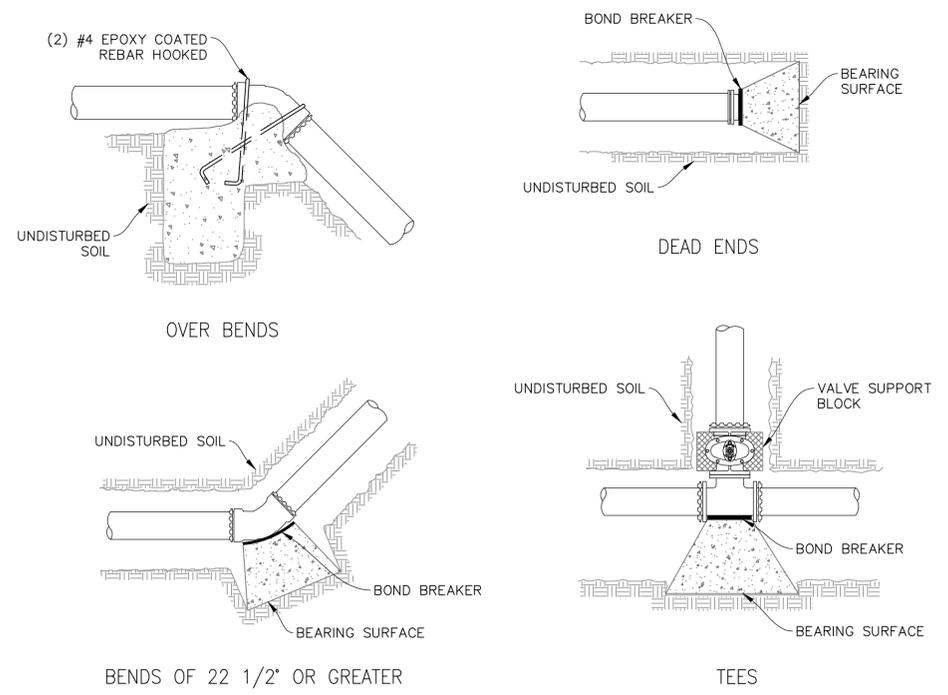
SIZE	BENDS			TEE BRANCH SIZE AND DEAD ENDS
	90°	45°	22 1/2°	
6	4.0	2.2	1.1	2.8
8	7.1	3.8	2.0	5.0
10	11.1	6.0	3.0	7.8
12	16.0	8.6	4.4	11.3
14	21.7	11.8	6.0	15.4
16	28.4	15.3	8.0	20.0

FIRE HYDRANT THRUST BLOCKS SHALL BE A MIN OF 1/4 CU. YD. IN MASS AND HAVE A MIN BEARING AREA OF 5 SQ. FT.

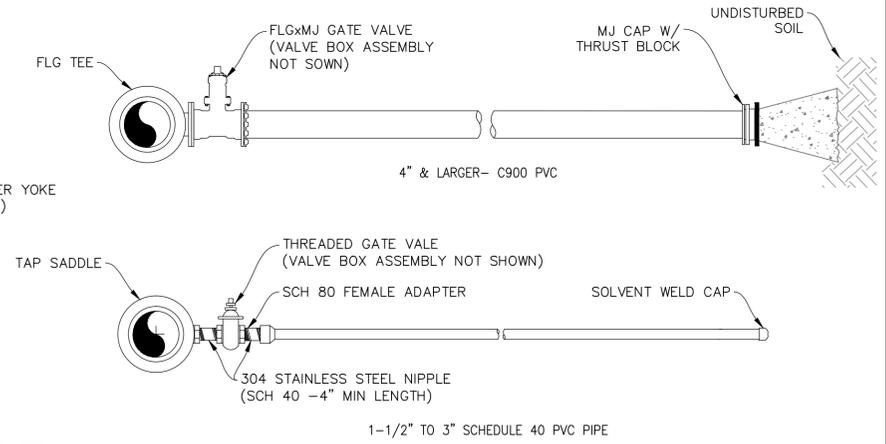
AREAS GIVEN ARE BASED ON INTERNAL STATIC PRESSURE OF 100 P.S.I. AND SOIL BEARING CAPACITY OF 1,000 LBS. PER SQ. FT.

AREAS FOR ANY PRESSURE AND SOIL BEARING CAPACITY MAY BE OBTAINED BY MULTIPLYING TABULATED VALUES BY A CORRECTION FACTOR "F"

F = ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS PER SQ. INCH. / ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.



- NOTES:**
1. CAST IRON CONE, CONCRETE METER BOX, STEEL PLATE, & METER YOKES TO BE PROVIDED BY OWNER.
  2. CAST IRON CONE AND CONCRETE METER BOX ASSEMBLY SHALL BE SET 0.1 FT ABOVE FINISH GRADE



- NOTES:**
1. ALL COMMERCIAL SERVICE LINES SHALL HAVE A 3/4" TAP SADDLE, CORP STOP AND COPPER INSTALLED AT THE END TO ALLOW FOR BLEEDING OF AIR. CONTRACTOR SHALL DIG UP AND TURN OF CORP STOP AFTER TESTING HAS BEEN COMPLETED AND WATER LINE IS ACCEPTED BY UTE WATER.
  2. SERVICE LINE ENDPOINT IS TO EXTEND TO PROPERTY SIDE OF THE RIGHT OF WAY LINE AND MARKED WITH A STEEL POST.

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UTE WATER STANDARD DETAILS

DETAIL SHEET 2 OF 2

SHEET NO.  
2