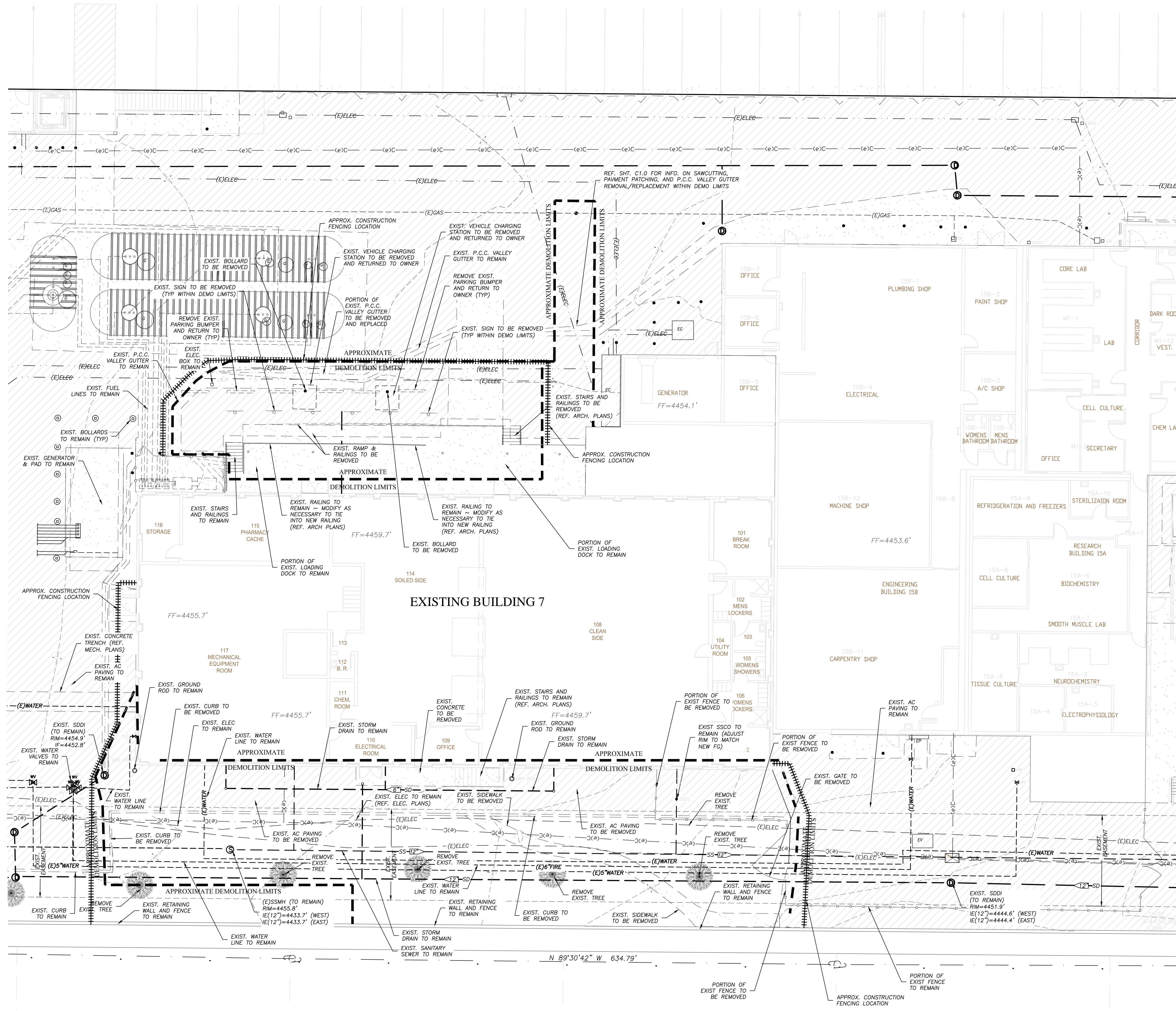


three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot



**NOTES:**

1. ALL SITE WORK CONSTRUCTION SHALL BE PER THE DEPT. OF VETERANS AFFAIRS MASTER SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AS SPONSORED BY RTC, CITY OF RENO, CITY OF SPARKS, AND WASHOE COUNTY, NEVADA.
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3. THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINTS OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL MAINTAIN A DUST CONTROL PROGRAM, INCLUDING WATERING OF OPEN AREAS. THE CONTRACTOR SHALL ALSO MAINTAIN CONFORMANCE WITH SECTION 040.030 OF THE WASHOE COUNTY AIR POLLUTION REGULATIONS.
5. THE CONTRACTOR SHALL MAINTAIN AN ONGOING PROCESS OF REMOVAL OF ALL SPILLAGE OF EXCAVATION MATERIAL ON ALL PAVED STREETS.
6. LAND GRADING SHALL BE DONE IN A METHOD TO PREVENT DUST FROM TRAVERSING THE PROPERTY LINE.
7. THE CONTRACTOR SHALL NOTIFY ALL EFFECTED PUBLIC ENTITIES 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
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9. ANY CONFLICT WITH EXISTING UTILITIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
10. ADD 4400 FEET TO ALL SPOT ELEVATIONS.
11. ALL STREET LIGHTS, ELECTRICAL BOXES, CONTROLS AND RELATED APPURTENANCES SHALL BE SAVED FOR THE OWNER AND STORED IN A LOCATION DESIGNATED BY THE OWNER OR THE OWNER'S REPRESENTATIVE. ITEMS THAT ARE DETERMINED TO UNSALVAGEABLE SHALL BE DISPOSED OF BY THE CONTRACTOR.
12. VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR DURING ALL PHASES OF CONSTRUCTION. ALL NECESSARY WARNING SIGNS, FENCES, ETC. SHALL BE PROVIDED TO PREVENT UNAUTHORIZED ACCESS TO THE CONSTRUCTION SITE.
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**LEGEND:**

- EXISTING AC PAVING AREA
- EXISTING PCC PAVING AREA
- NEW PCC PAVING AREA
- MANHOLE
- CATCH BASIN
- STORM DRAIN MAIN (DASHED IF EXISTING)
- SANITARY SEWER MAIN (DASHED IF EXISTING)
- CLEANOUT
- GAS MAIN (DASHED IF EXISTING)
- WATER MAIN (DASHED IF EXISTING)
- UNDERGROUND COMMUNICATION LINE (EXISTING)
- UNDERGROUND ELECTRIC LINE (EXISTING)
- SLOPE IN PERCENT
- ELEVATION @ FINISH GRADE
- ELEVATION @ TOP OF CURB
- ELEVATION @ GRADE BREAK
- ELEVATION @ FLOW LINE
- ELEVATION @ TOP OF WALL
- ELEVATION @ FINISHED FLOOR
- EXISTING CHAIN LINK FENCE
- APPROXIMATE LOCATION OF CONSTRUCTION FENCING (TO BE COORDINATED IN FIELD)

**BASIS OF BEARINGS**

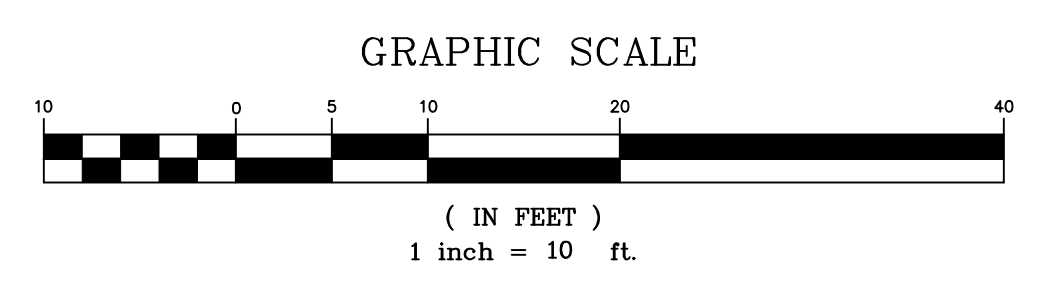
THE BASIS OF BEARING FOR THIS SURVEY IS BASED ON THE NEVADA COORDINATE SYSTEM OF 1983, WEST ZONE, NAD 83/94. DISTANCES SHOWN ARE GROUND DISTANCES USING A PROJECT COMBINED GRID TO GROUND SCALE FACTOR OF 1.000197939.

**BASIS OF ELEVATION**

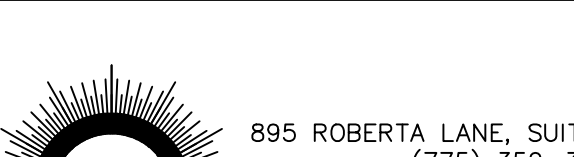
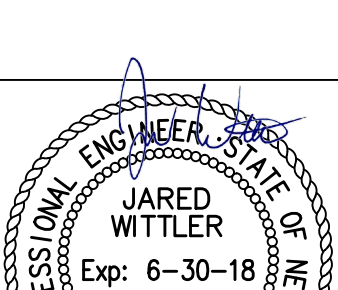


DATUM: NAVD 88  
PROJECT BENCHMARK = CITY OF RENO BENCHMARK NO. 3023 HAVING AN ELEVATION OF 4453.8'

**FEMA NOTE**

F.I.R.M. PANEL NO. 32031C30430 DATED MARCH 16, 2009 DESIGNATES THIS SITE AS BEING IN AN UNSHADED ZONE "X"

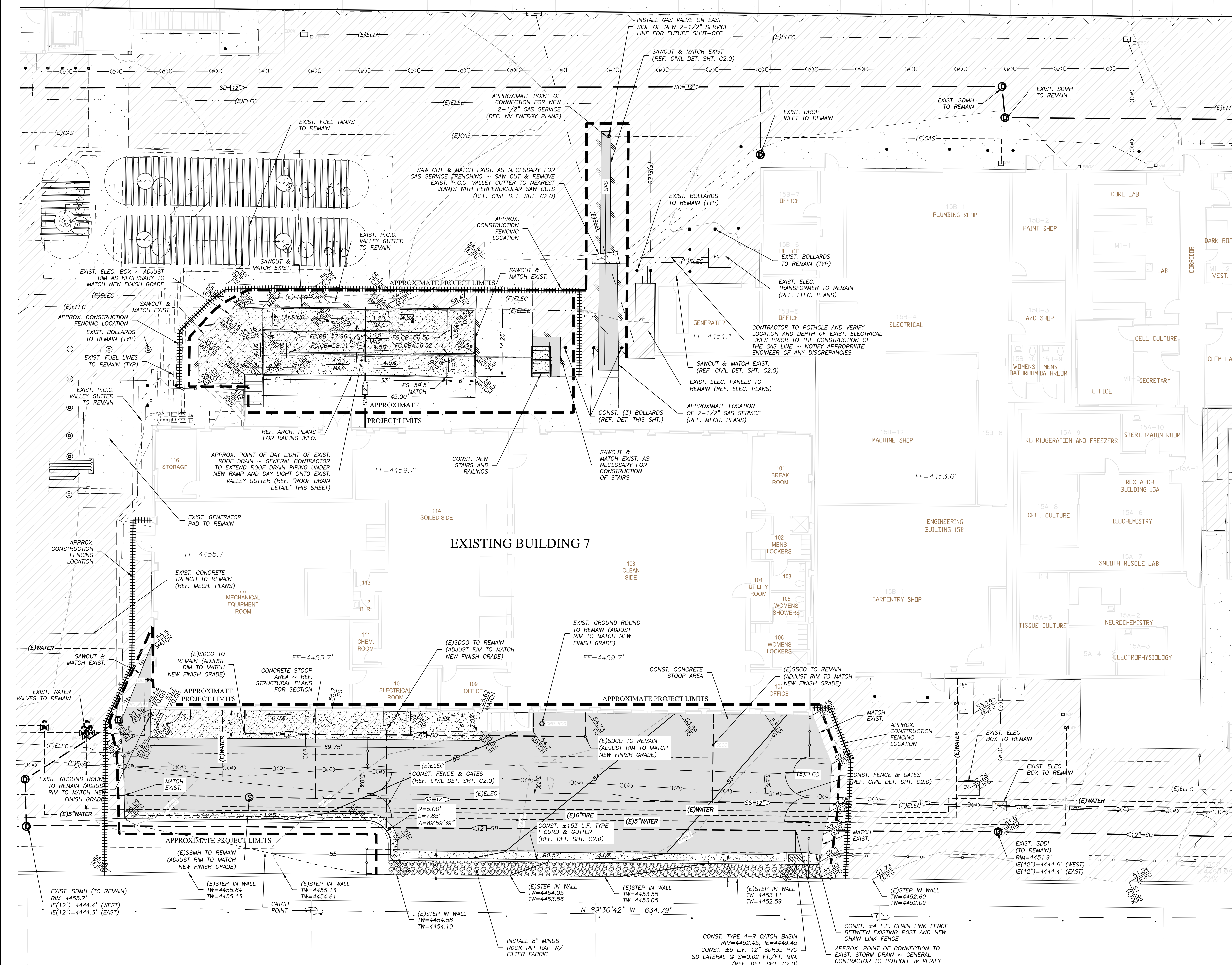


**BID DOCUMENTS**

		<b>CONSULTANTS:</b>		<div><div><b>CIVIL ENGINEER</b> 895 ROBERTA LANE, SUITE 104, SPARKS, NV 89431 (775) 359-3303 FAX (775) 359-3329</div><div><b>Odyssey ENGINEERING INCORPORATED</b></div></div>		<div><div><b>ARCHITECT/ENGINEERS:</b><div><div><b>SIKORA ARCHITECTURE</b> 489 CORVALLIS COURT RENO, NEVADA 89511 775 - 852 - 5800 eric@sikora-architecture.com JOB: 11-007</div></div></div></div>		<div><b>Drawing Title</b> <b>CIVIL DEMOLITION PLAN</b></div> <div><b>Approved: Project Director</b></div>		<div><b>Project Title</b> <b>BUILDING 7 REMODEL</b></div> <div><b>Location</b> 975 KIRMAN AVE. RENO, NV 89502</div> <div><div><b>Date</b> 01-27-17</div><div><b>Checked</b> J.W.</div><div><b>Drawn</b> J.W.</div></div>		<div><b>Project Number</b> <b>654-16-621</b></div> <div><b>Building Number</b> <b>7</b></div> <div><div><b>Drawing Number</b> <b>C0.0-1</b></div><div>Dwg. of</div></div>		<div>Office of Construction and Facilities Management:</div> <div> Department of Veterans Affairs</div>	
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**LEGEND:**

- EXISTING AC PAVING AREA
- PROPOSED AC PAVING AREA (REF. AC PAVING SECTION THIS SHEET)
- EXISTING PCC PAVING AREA
- PROPOSED PCC PAVING AREA (REF. STRUCTURAL PLANS)

**MANHOLE**

**CATCH BASIN**

**STORM DRAIN MAIN (DASHED IF EXISTING)**

**SANITARY SEWER MAIN (DASHED IF EXISTING)**

**CLEANOUT**

**GAS (DASHED IF EXISTING)**

**WATER MAIN (DASHED IF EXISTING)**

**UNDERGROUND COMMUNICATION LINE (EXISTING)**

**UNDERGROUND ELECTRIC LINE (EXISTING)**

**SLOPE IN PERCENT**

**ELEVATION @ FINISH GRADE**

**ELEVATION @ TOP OF CURB**

**ELEVATION @ GRADE BREAK**

**ELEVATION @ FLOW LINE**

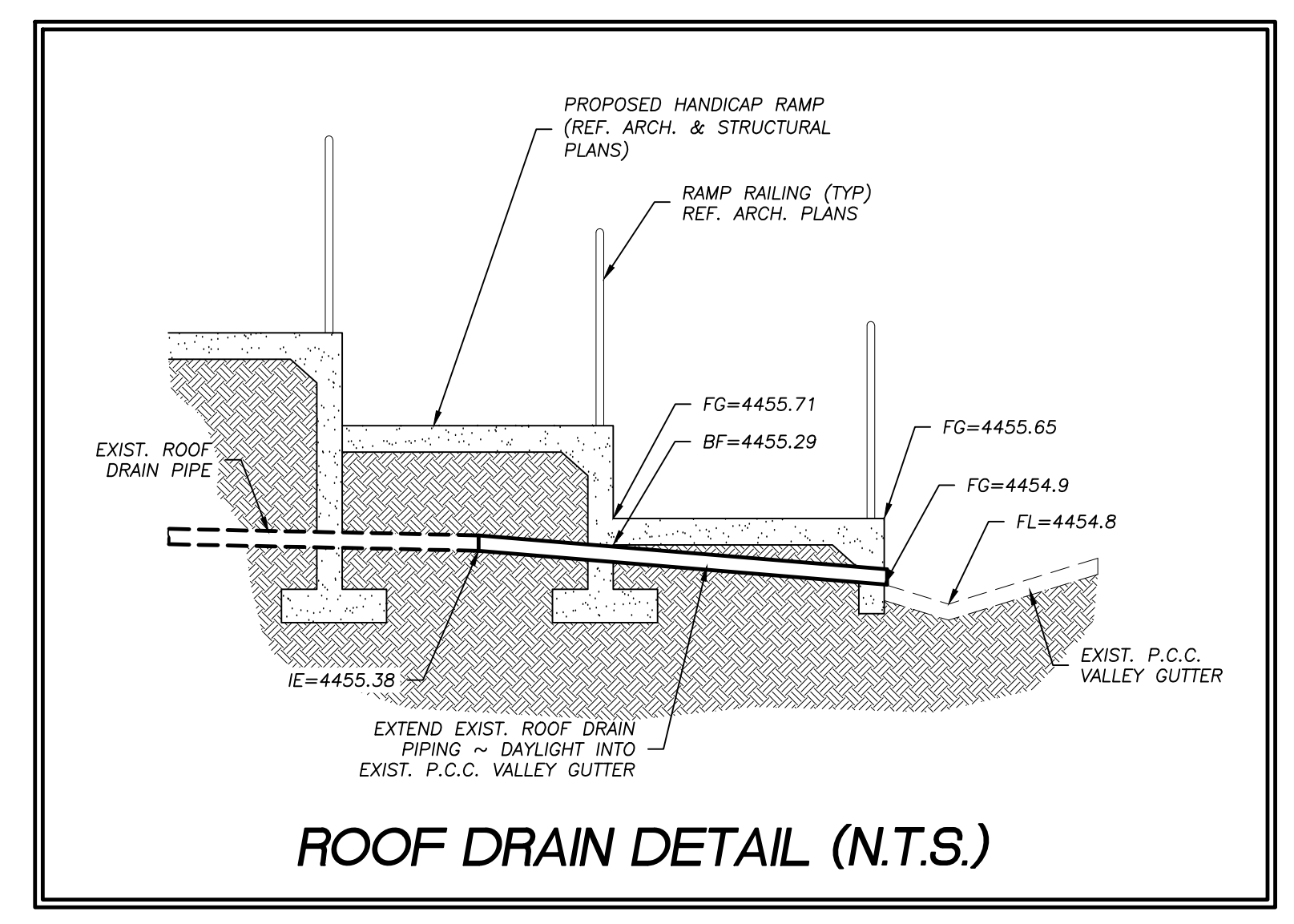
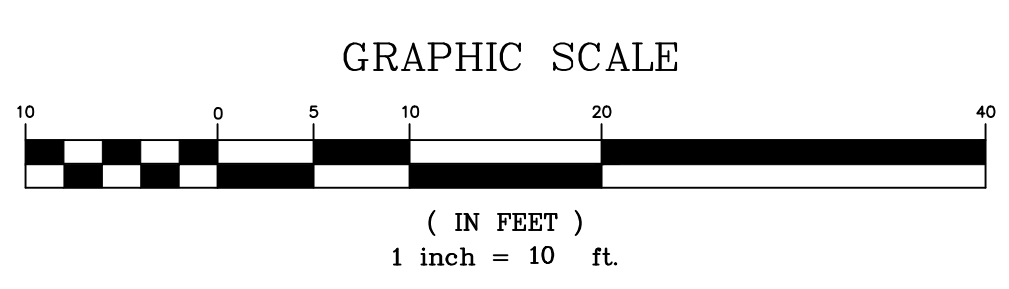
**ELEVATION @ TOP OF WALL**

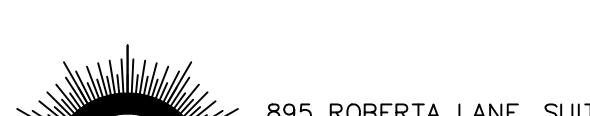
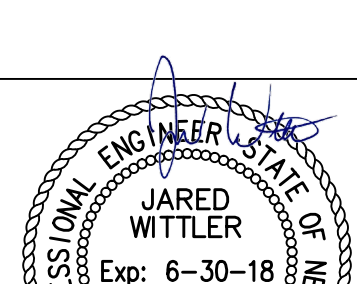


**ELEVATION @ FINISHED FLOOR**

**PROPOSED CHAIN LINK FENCING**

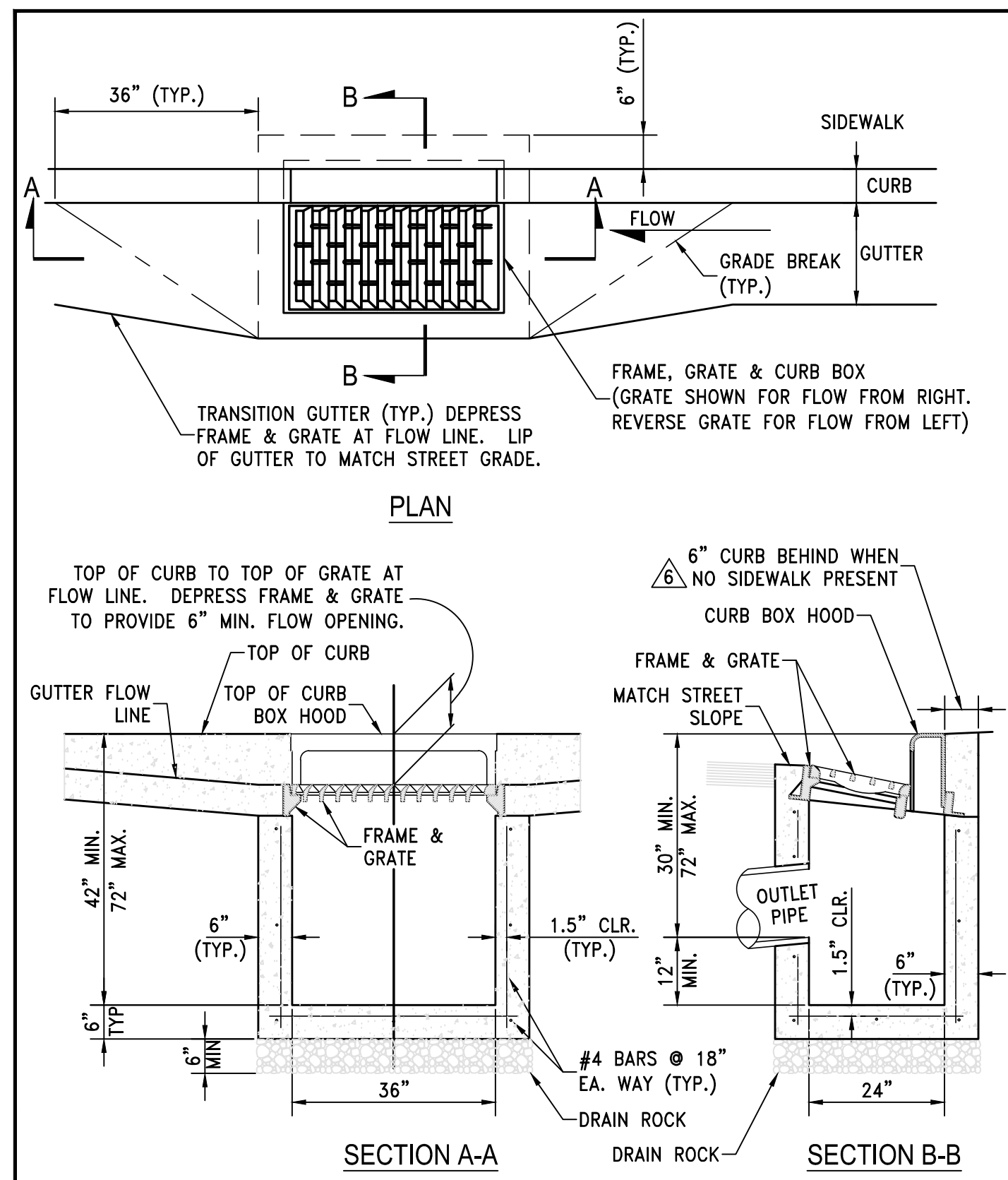
**EXISTING CHAIN LINK FENCE**

**APPROXIMATE LOCATION OF CONSTRUCTION FENCING (TO BE COORDINATED IN FIELD)**



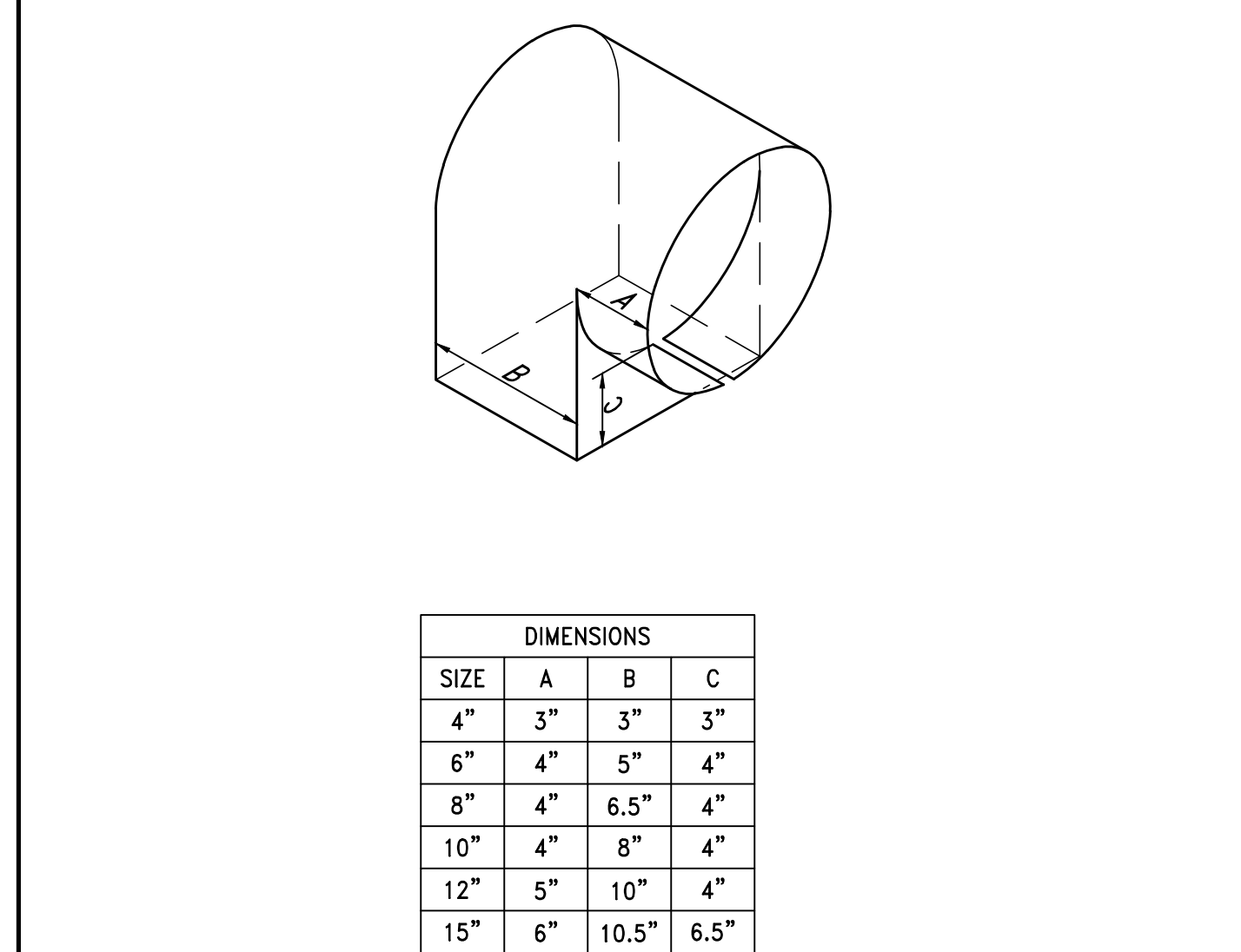
		<b>CONSULTANTS:</b>		 <div>895 ROBERTA LANE, SUITE 104, SPARKS, NV 89431 (775) 359-3303 FAX (775) 359-3329</div> <div><b>CIVIL ENGINEER</b></div> <div>odysseyENGINEERING INCORPORATED</div>		 <div>JARED WITTLER Exp: 6-30-18 CIVIL No. 22940 01-27-17</div>		<b>ARCHITECT/ENGINEERS:</b>		 <div><b>SIKORA ARCHITECTURE</b> 488 CORVALLIS COURT RENO, NEVADA 89511 775 - 852 - 5800 eric@sikora-architecture.com JOB: 11-007</div>		<div>Drawing Title</div> <div><b>CIVIL SITE, GRADING, UTILITY PLAN</b></div> <div>Approved: Project Director</div>		<div>Project Title</div> <div><b>BUILDING 7 REMODEL</b></div> <div>Location 975 KIRMAN AVE. RENO, NV 89502</div> <div>Date 09-09-16</div> <div>Checked J.W.</div> <div>Drawn J.W.</div>		<div>Project Number</div> <div><b>654-16-621</b></div> <div>Building Number</div> <div><b>7</b></div> <div>Drawing Number</div> <div><b>C1.0-1</b></div> <div>Dwg. of</div>		<div>Office of Construction and Facilities Management:</div> <div> Department of Veterans Affairs</div>	
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- NOTES:**
- P.C.C. CURB AND GUTTER TRANSITION SHALL BE FIBER-REINFORCED PORTLAND CEMENT CONCRETE (P.C.C.) AND SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6%  $\pm$  1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC). CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC.
  - REINFORCING STEEL SHALL BE GRADE 40 AND HAVE 1.5" MINIMUM CLEAR COVER.
  - CONCRETE STRUCTURE MAY BE A PRE-CAST CONCRETE UNIT UPON APPROVAL OF THE CITY ENGINEER. BASE OF PRE-CAST CONCRETE UNIT SHALL BE PLACED ON 6" COMPACTED DRAIN ROCK.
  - FRAME, GRATE AND CURB BOX HOOD ASSEMBLY SHALL BE D&L I-3519 WITH TYPE L "VANE GRATE" OR APPROVED EQUAL. GRATE SHALL BE INSTALLED WITH PROPER FLOW DIRECTION. EACH CATCH BASIN SHALL BE CAST WITH A FISH IMAGE AND THE WORDS "NO DUMPING! DRAINS TO WATERWAYS" IN THE TOP OF EACH CURB HOOD.
  - ILT FRAME & GRATE AS REQUIRED TO ATTAIN 6" MIN. FLOW OPENING & INSTALL DURABLE SHIMS BETWEEN THE CURB BOX & FRAME AS REQUIRED TO MATCH CURB BOX TO TOP OF CURB AND FACE OF CURB (SEE SECTION B-B).
  - WHEN SIDEWALK IS PRESENT CONCRETE BEHIND CURB BOX SHALL BE THICKENED TO THE FULL DEPTH OF THE CURB BOX. IF NO SIDEWALK IS PRESENT, POUR 6" CONCRETE CURB STRUCTURE BEHIND GRATE AND TIE BEAM INTO BOX.
  - ALL CATCH BASINS, PUBLIC OR PRIVATE, SHALL BE PROVIDED WITH A "SUR-TRAP" OIL/WATER SEPARATOR OR APPROVED EQUAL.
  - FRAMES AND GRATES SHALL BE MATCHED TO ACHIEVE A CLOSE TOLERANCE FIT WITH MINIMAL GAPS.
  - CATCH BASIN SHALL NOT BE PLACED WITHIN THE RADIUS OF THE CURB.

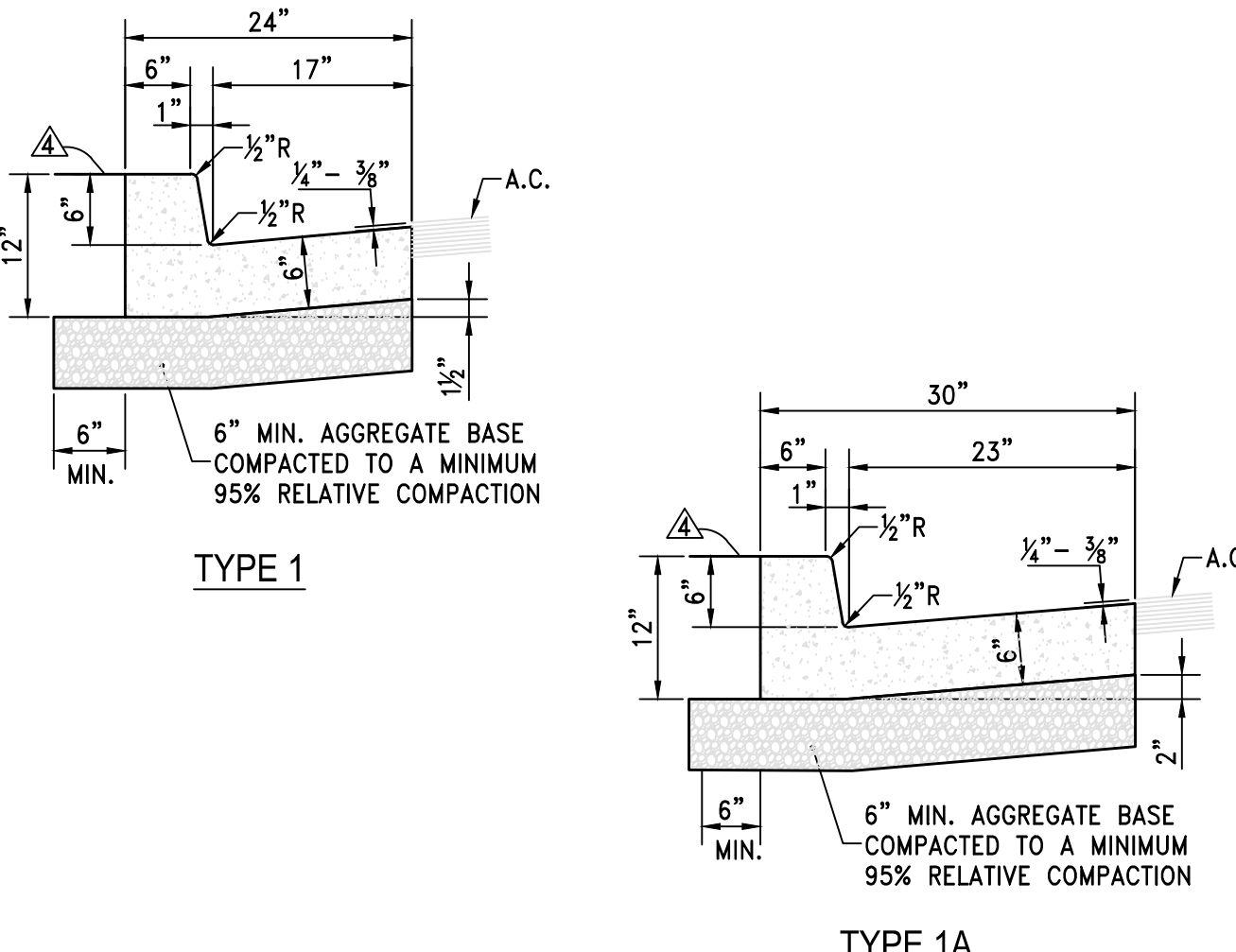
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DRAWING No.
<b>CATCH BASIN TYPE 4-R</b>	<b>R-206A</b>
APPROVED BY: JF	DATE: 1/2013



- NOTES:**
- ALL CATCH BASINS, PUBLIC OR PRIVATE, SHALL BE PROVIDED WITH A "SUR-TRAP" OIL/WATER SEPARATOR OR APPROVED EQUAL.
  - INSTALL OIL/WATER SEPARATOR WITH THE BOTTOM EDGE PARALLEL TO THE WATER SURFACE AND THE RECTANGULAR OPENING FACING DOWNWARD AND THE CIRCULAR END PLACED INSIDE THE OUTLET PIPE.

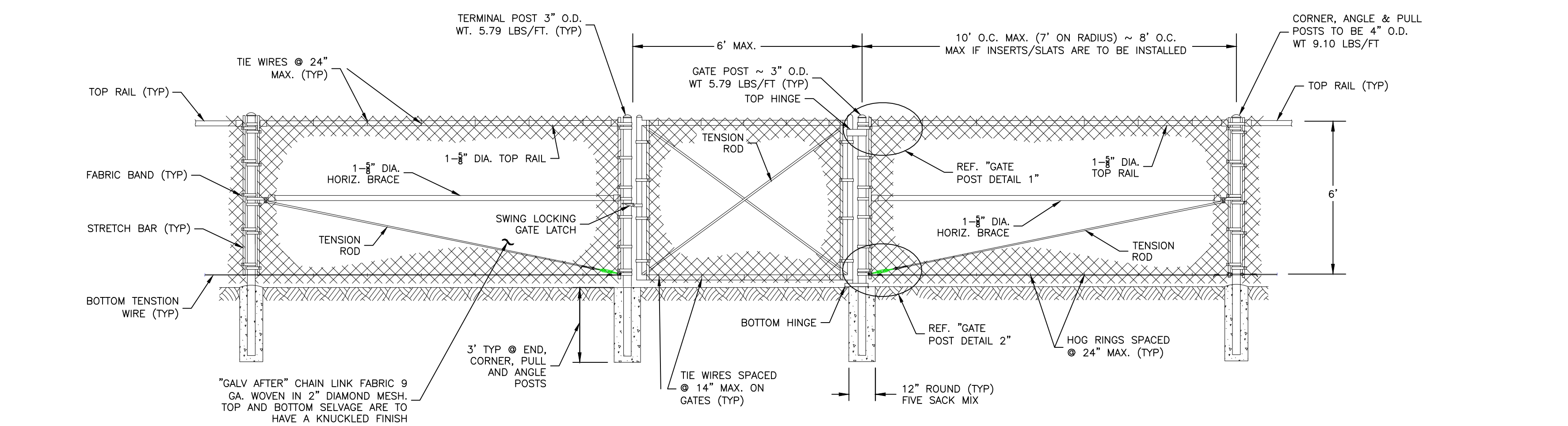
STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DRAWING No.
<b>CATCH BASIN OIL/WATER SEPARATOR</b>	<b>R-213</b>
APPROVED BY: JF	DATE: 1/2013

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DRAWING No.
<b>NOTES CATCH BASIN TYPE 4-R</b>	<b>R-206B</b>
APPROVED BY: JF	DATE: 1/2013



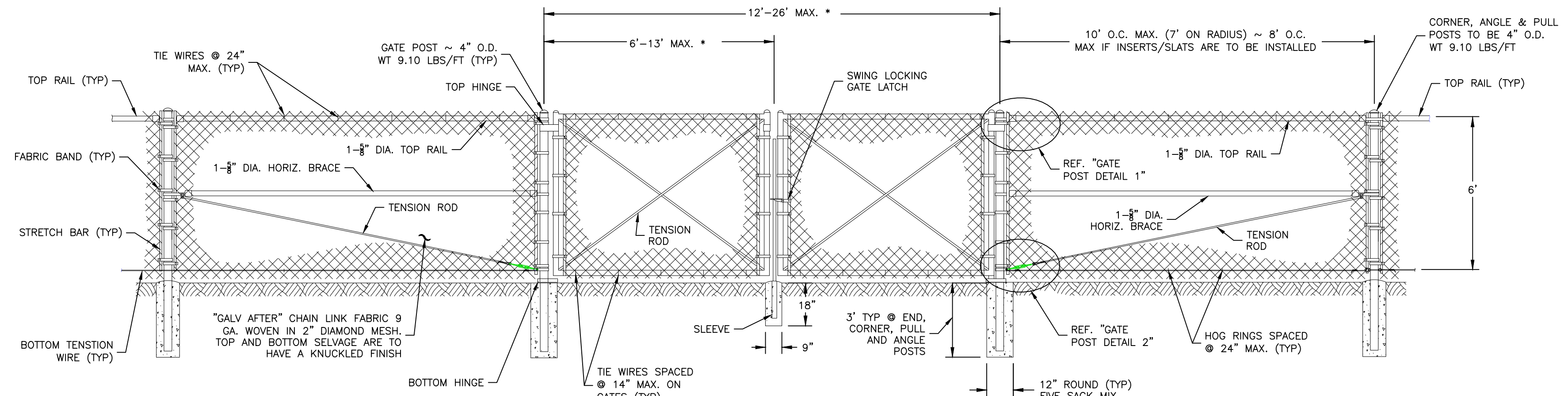
- NOTES:**
- FIBER-REINFORCED PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6%  $\pm$  1.5%, SLUMP AT 1 TO 4 INCHES. MIX DESIGN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 337 OF STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION (SSPWC). CEMENT SHALL BE TYPE II. ALL CEMENT CONCRETE SHALL HAVE A COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67. POLYPROPYLENE OR CELLULOSE FIBERS SHALL BE ADDED TO THE P.C.C. AT 1.5 LBS. PER CUBIC YARD. ALL MATERIALS SHALL CONFORM TO SSPWC.
  - AGGREGATE BASE MATERIAL UNDER AND BEHIND CURB AND GUTTER SHALL BE TYPE 2, CLASS B CRUSHED AGGREGATE BASE. MATERIALS SHALL CONFORM TO SSPWC SECTION 200.
  - WEAKENED PLANE JOINTS SHALL BE EVERY 10 FEET AND LOCATED ON THE BACK, TOP AND FACE OF THE CURB AND THE TOP OF THE GUTTER PAN.
  - CURB & GUTTER SECTIONS SHALL BE PLACED SEPARATELY FROM SIDEWALK SECTIONS. WHEN SIDEWALK IS NOT REQUIRED DIRECTLY BEHIND THE CURB, BACKFILL TO TOP OF CURB FOR A HORIZONTAL DISTANCE OF 12" FROM BACK FACE OF CURB AND COMPACT TO 90% RELATIVE COMPACTION.
  - FOR REPLACEMENT OF EXISTING CURB AND GUTTER, MATCH EXISTING TYPE.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	DRAWING No.
<b>P.C.C. CURB &amp; GUTTER</b>	<b>R-109</b>
APPROVED BY: JF	DATE: 1/2013



**SINGLE GATE DETAIL**

**NOTE:**  
ALL LINE POSTS TO BE 2-1/2" O.D. SCH. 40, WT. 3.65 LBS/FT. ALL LINE POST SETTINGS TO BE 9" DIA. BY 30" DEEP. CONTRACTOR TO PROVIDE PER GATE (1) EA 24" PIECE OF 1" GALVANIZED CHAIN TO ACCEPT STANDARD PADLOCK. LOCKS WILL BE PROVIDED BY OWNER. ALL CORNERS AND END POSTS TO HAVE HORIZONTAL BRACING TYP. ALL FENCING TO BE CONNECTED POST TO POST.

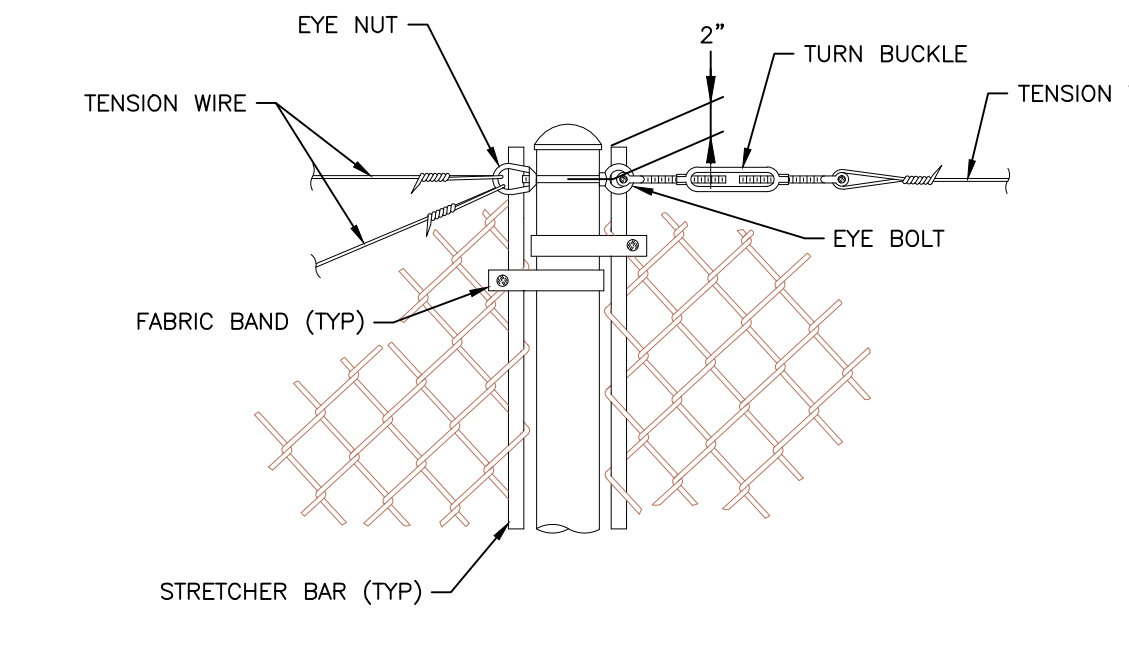


**DOUBLE GATE DETAIL**

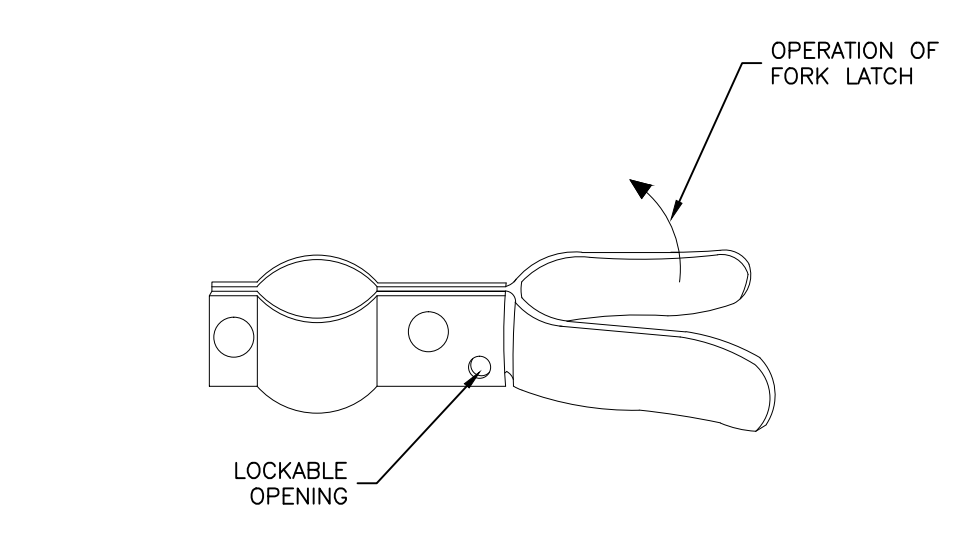
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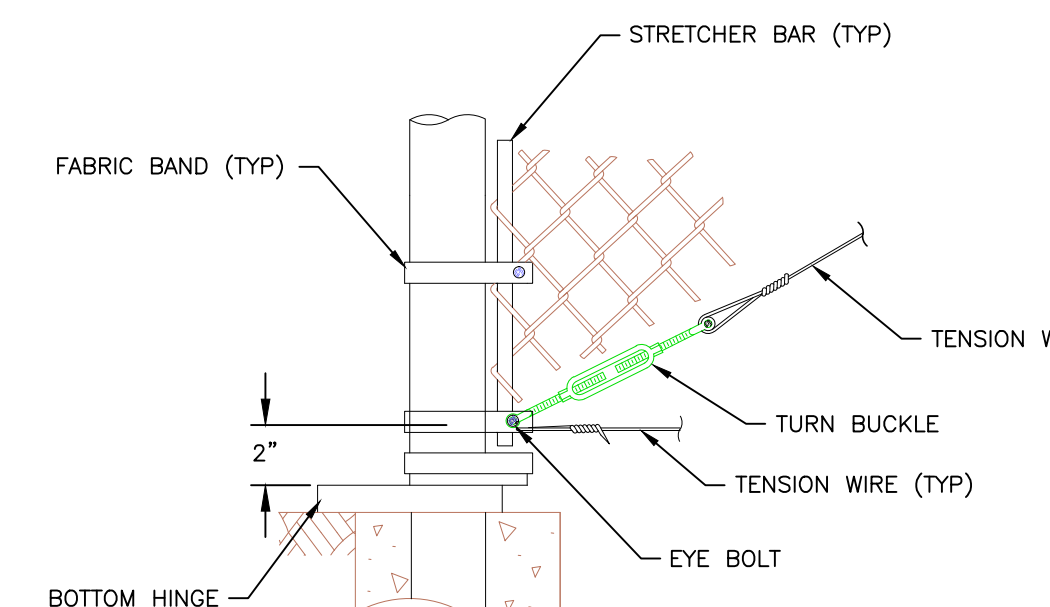
**GATE POST DETAIL 1**



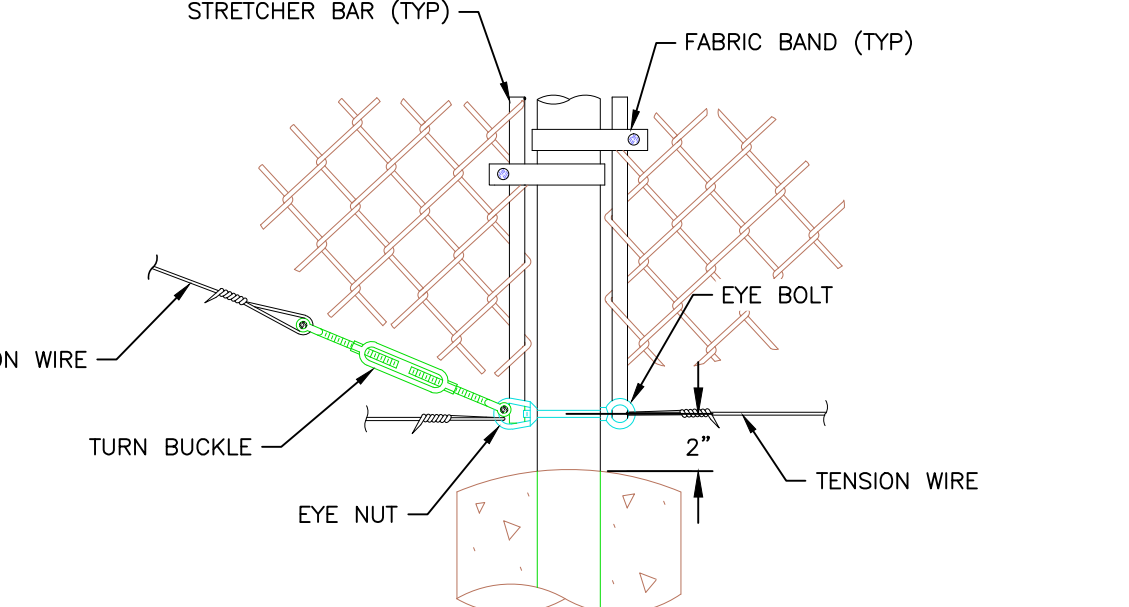
**PULL POST DETAIL 1**



**SWING-LOCKING GATE LATCH DETAIL**



**GATE POST DETAIL 2**



**PULL POST DETAIL 2**

**BID DOCUMENTS**

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