



Canyon Golf Rd. Water Main Extension Project
Solicitation Number: CO-00395
Job No.: 20-7004

ADDENDUM 1
August 26, 2021

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

1. Question: I believe there is information missing from plans C9 thru C11. Can you please check these sheets and verify?

Response: Yes, Sheets C8 through C11 have been re-issued with this addendum.

CHANGES TO THE PLANS

1. Remove Sheet C8 – C11 in its entirety and replace with Sheet C8 – C11 provided in this addendum.

END OF ADDENDUM 1

This Addendum is five (5) pages in its entirety.

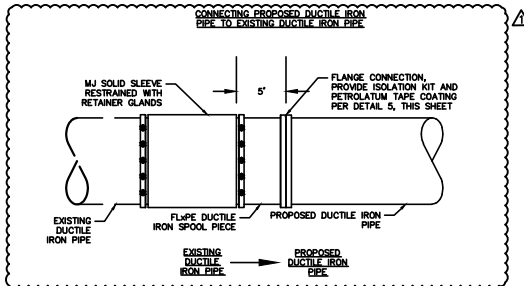
Attachments:

- Plans – Sheet C8 General Details
- Plans – Sheet C9 Erosion Control Notes
- Plans – Sheet C10 Erosion Control Details
- Plans – Sheet C11 Temporary 8-inch Water Bypass



Mario Valdez
Kimley-Horn and Associates, Inc.

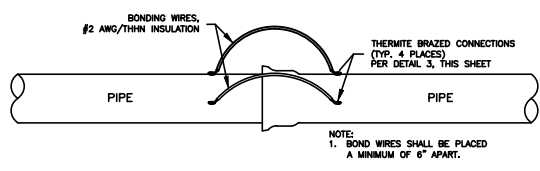




- NOTES:**
- CONTRACTOR SHALL UTILIZE DETAIL FOR CONNECTIONS AT THE FOLLOWING STATIONS:
 - STA. 1+00
 - STA. 3+17.64
 - STA. 19+19.74
 - STA. 26+08.73

CONNECTION TO EXISTING WATER MAIN DETAIL

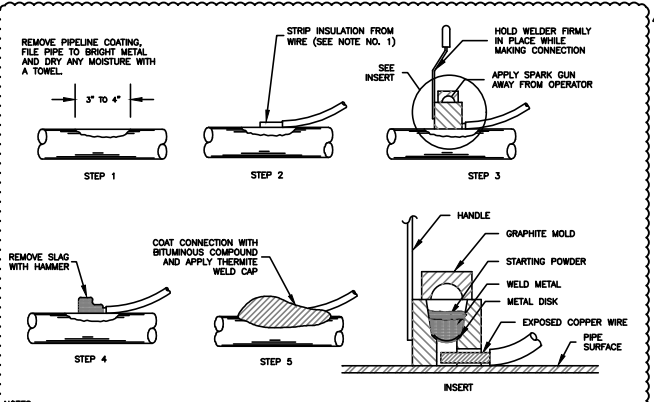
1 SCALE: NTS



- NOTES:**
- INSTALLATION OF BONDING WIRES IS SUBSIDIARY TO THE INSTALLATION OF PROPOSED WATER MAIN.

BELL AND SPIGOT BONDING DETAIL

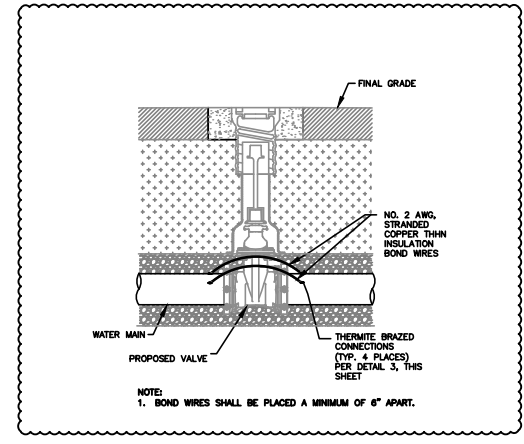
2 SCALE: NTS



- NOTES:**
- WHEN #14 SOLID TO STRANDED TO #10 SOLID WIRE IS USED, IT WILL BE NECESSARY TO INSTALL A COPPER SLEEVE OF ADEQUATE SIZE OVER BARE SECTION OF WIRE BEFORE CONNECTION IS ATTEMPTED.
 - THERMITE BRAZED PROCEDURES SIMILAR FOR "L" BRACKETS.
 - REPAIR ALL DAMAGE TO COATING AND LINING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

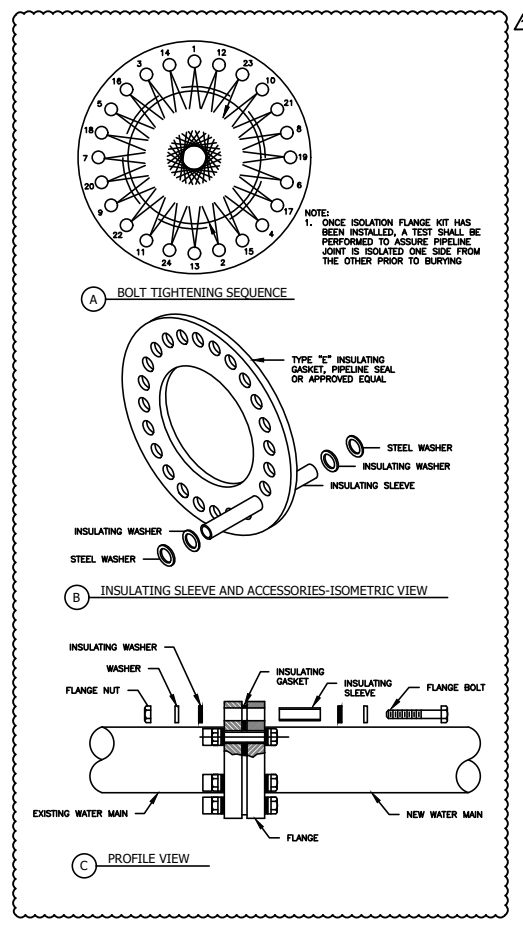
THERMITE BRAZED CONNECTION DETAIL

3 SCALE: NTS



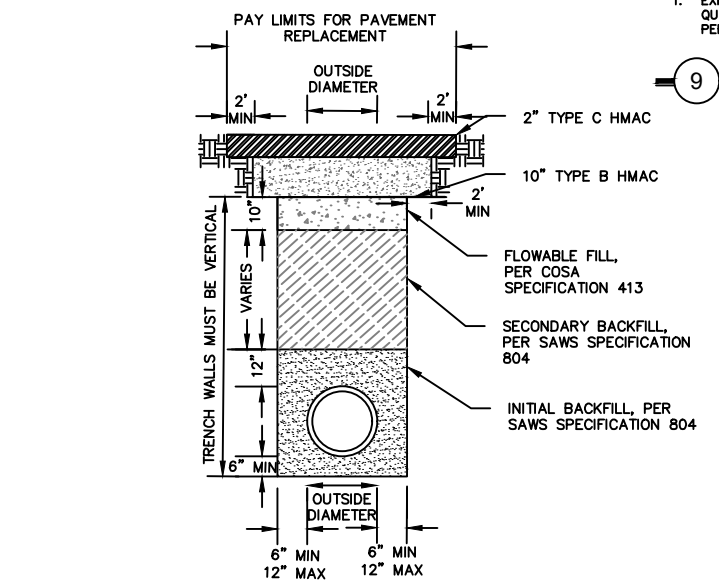
ELECTRICAL BONDING ACROSS VALVE DETAIL

4 SCALE: NTS



ISOLATION FLANGE ASSEMBLY DETAIL

5 SCALE: NTS



- NOTES:**
- HMAc PAVEMENT MUST BE MILLED AND REPLACED AS SHOWN ON PLANS.
 - WHEN GEOGRID OR OTHER GEOSYNTHETIC SUBGRADE/BASE REINFORCEMENT IS PRESENT, THE CONTRACTOR SHALL CONDUCT EXCAVATION TO PROVIDE APPROPRIATE OVERLAP (2' MIN.) AND TIE TO EXISTING UNDISTURBED REINFORCEMENT AS REQUIRED BY MANUFACTURER FOR EACH LAYER OF REINFORCEMENT ENCOUNTERED.
 - A 10" THICKNESS OF ASPHALT TREATED BASE, BENCHED TWO FEET EACH SIDE OF TRENCH, WILL BE USED FOR THE FINAL LIFT OF THE TRENCH REPAIR. THE ASPHALT TREATED BASE, PLACED IN 5" LIFTS, SHALL BE BROUGHT UP TO WITHIN 2 INCHES OF THE EXISTING PAVEMENT SURFACE.
 - THE LIMITS OF THE PAVEMENT REPLACEMENT WILL BE DETERMINED AT THE TIME A BEXAR COUNTY ROW PERMIT IS REVIEWED AND MUST BE SAW CUT STRAIGHT. TACK OIL AT A RATE OF 0.10 GAL/SY SHALL BE PLACED PRIOR TO PLACEMENT OF 2" HMAc TYPE "C" FINISHED SURFACE. LONGITUDINAL ROADWAY CUTS WILL BE PAVED WITH THE CLOSEST LINE EXTENSION OF THE EXISTING PAVEMENT EDGE AS A MINIMUM.

EMBEDMENT AND BACKFILL DETAIL WITHIN PAVEMENT

6 SCALE: NTS



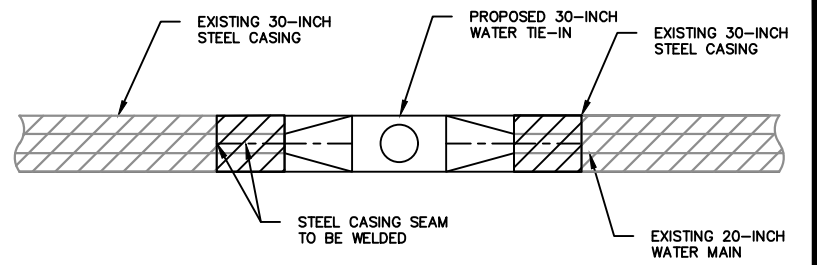
CANYON GOLF RD GRASS MEDIAN DETAIL

7 SCALE: NTS



CANYON GOLF RD ROCK MEDIAN DETAIL

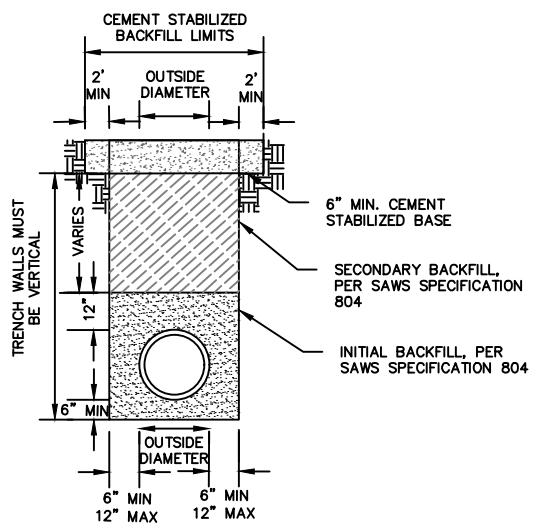
9 SCALE: NTS



- NOTES:**
- CONTRACTOR SHALL REMOVE EXISTING 30-INCH STEEL CASING AS REQUIRED FOR WATER TIE-IN. STEEL CASING SHALL BE REPLACED UP TO PROPOSED 20"x30" REDUCER ON BOTH SIDES. PAYMENT FOR REPLACEMENT OF STEEL CASING SHALL BE SUBSIDIARY TO ITEM 831, 20" X 30" CUT-IN TEE.
 - EXISTING STEEL CASING MAY BE REINSTALLED AS SHOWN IN DETAIL IF NEW CASING IS USED, CONTRACTOR SHALL MATCH EXISTING THICKNESS.

30-INCH TIE-IN STEEL CASING DETAIL

8 SCALE: NTS



- NOTES:**
- ALL UTILITIES WITHIN 2 FEET OF THE EDGE OF A PAVED SHOULDER, OR 4 FEET IF NO PAVED SHOULDER EXISTS, OR WHERE EXISTING SURFACE GRADE EXCEEDS 5% SHALL BE REQUIRED TO BE CAPPED WITH CEMENT STABILIZED BASE OR APPROVED EQUIVALENT.
 - A 6" THICKNESS OF CEMENT STABILIZED BASE BENCHED AS SHOWN WILL BE USED FOR THE FINAL LIFT OF THE TRENCH REPAIR.

CEMENT STABILIZED BACKFILL DETAIL

10 SCALE: NTS

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No.	Revision	By	Date
Δ	ADDENDUM NO. 1	MAV	8/24/2021

CANYON GOLF RD WATER MAIN EXTENSION PROJECT SHEET
GENERAL DETAILS

DATE: AUGUST 2021	SAWS PROJECT NO. 20-7004	SHEET NO. C8
DESIGN: MAV	KHA PROJECT NO. 068665058	
DRAWN: MMV		
CHECKED: JAF		

PLOTTED BY: VARA, MIKAELA 8/24/2021 3:55 PM
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SITE DESCRIPTION

PROJECT NAME AND LOCATION: THE PROPOSED PROJECT IS REFERRED TO AS CANYON GOLF RD. WATER MAIN EXTENSION. FOR LIMITS OF CONSTRUCTION AREAS. OTHER AREAS AS REQUIRED WILL HAVE SIMILAR EROSION PRACTICES PROVIDED. AREAS AS REQUIRED FOR STOCKPIILING OF MATERIALS TO BE REUSED WILL HAVE PERIMETER SILT FENCE PROVIDED.

CONTACT AND PHONE NO.: _____

PROJECT DESCRIPTION: SAN ANTONIO WATER SYSTEM (SAWS) PROPOSES IMPROVEMENTS TO WATERLINES LOCATED IN CITY OF SAN ANTONIO CITY LIMITS AND BEXAR COUNTY RIGHT-OF-WAY. THESE IMPROVEMENTS INCLUDE THE REPLACEMENT OF POTABLE WATER MAIN.

MAJOR SOIL DISTURBING ACTIVITIES: SOIL DISTURBING ACTIVITIES WILL INCLUDE INSTALLATION OF WATERLINE BY OPEN-CUTTING, EROSION AND SEDIMENTATION CONTROLS, AND EXISTING GRADE ESTABLISHMENT FOR FINAL PLANTING AND SEEDING.

TOTAL PROJECT AREA (ACRES): _____

TOTAL AREA TO BE DISTURBED: _____

WEIGHTED RUNOFF COEFFICIENT: (AFTER CONSTRUCTION) _____

EXISTING CONDITION OF SOIL, VEGETATIVE COVER AND % OF VEGETATIVE COVER: THE PROJECT AREA IS LOCATED WITHIN THE CANYON GOLF RD. RIGHT OF WAY, APPROXIMATELY 2.3 ACRES.

DESCRIPTION OF WATER DISCHARGED NOT ASSOCIATED WITH CONSTRUCTION: _____

NAME OF RECEIVING WATERS: _____

IDENTIFY STORMWATER DISCHARGE POINTS: _____

A DESCRIPTION AND TIME FRAME FOR INSTALLATION OF STABILIZATION PRACTICES IN CONJUNCTION WITH CONSTRUCTION: TEMPORARY SEED OR MULCH THE DISTURBED AREAS UNLESS CONSTRUCTION ACTIVITY IS TO RESUME WITHIN 21 DAYS. CONSTRUCT IMPROVEMENTS WITHIN THE VARIOUS CONSTRUCTION ZONES AND APPLY PERMANENT SEEDING WHEN CONSTRUCTION IS COMPLETE IN THAT ZONE. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED AND APPROVED BY SAWS, REMOVE ALL TEMPORARY STRUCTURAL CONTROLS, REMOVE AND DISPOSE OF ACCUMULATED SEDIMENT AND RE-SEED ANY AREAS DISTURBED BY THEIR REMOVAL. PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION OF THE AREA UPSTREAM.

EROSION AND SEDIMENTATION CONTROLS

SOIL STABILIZATION PRACTICES:

- HYDROMULCHING
- TEMPORARY SEEDING
- PERMANENT PLANTING, SODDING OR SEEDING
- MULCHING
- SOIL RETENTION BLANKET
- BUFFER ZONES
- PRESERVATION OF NATURAL RESOURCES

OTHER:

DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED TEMPORARILY OR PERMANENTLY, SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME AND DONE WITHIN 21 DAYS.

STRUCTURAL PRACTICES:

- SILT FENCES
- HAY BALES
- GRAVEL FILTRATION BAGS
- ROCK BERMS
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- DIVERSION, DIKE AND SWALE COMBINATIONS
- PAVED FLUMES
- ROCK BEDDING AT CONSTRUCTION EXIT (STABILIZED ENTRANCE)
- TIMBER MATTING AT CONSTRUCTION EXIT (STABILIZED ENTRANCE)
- CHANNEL LINERS
- SEDIMENT TRAPS
- SEDIMENT BASINS
- STORM INLET SEDIMENT TRAP
- STONE OUTLET SEDIMENT STRUCTURES
- CURBS AND GUTTERS
- STORM SEWERS
- VELOCITY CONTROL STRUCTURES
- GEOTEXTILES

OTHER: SEE TEMPORARY EROSION CONTROL NOTES ON THIS PAGE

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORMWATER MANAGEMENT) ACTIVITIES:
 THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS: 1. INSTALL STRUCTURAL CONTROLS AT THE BASE OF SLOPES PRIOR TO DISTURBANCE OF EXISTING TOPSOIL. 2. INSTALL SILT FENCES A. AROUND TOPSOIL STOCKPILE AND AT EMBANKMENT AND EXCAVATION LOCATIONS. B. AROUND AREA AFFECTED BY CONSTRUCTION. 3. PLACE GRAVEL FILTRATION BAGS AT INLETS AFFECTED BY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, STORM DRAIN INLETS SOUTH OF PROJECT LIMITS ALONG EAST AND WEST SIDE OF CANYON GOLF RD.

A DESCRIPTION OF MAINTENANCE PROCEDURES FOR CONTROL MEASURES USED: _____

STORMWATER MANAGEMENT:

A DESCRIPTION OF PERMANENT STORM WATER MANAGEMENT CONTROLS:

OTHER EROSION AND SEDIMENTATION CONTROLS

MAINTENANCE:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGEWAYS SHALL HAVE PRIORITY, FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY THE CONTRACTOR EVERY 14 DAYS AS WELL AS AFTER EVERY 1/2" OR MORE OF RAIN (RECORDED ON A NON-FREEZING RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE CORRECTED BEFORE THE NEXT SCHEDULED INSPECTION.

WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL STATE AND LOCAL CITY SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION AND THE TRASH WILL BE HAULED TO A LOCAL DUMP. NO CONSTRUCTION MATERIALS WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING):

AT A MINIMUM ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINTS, ACIDS FOR CLEANING MASONRY SURFACES, GASOLINE, MOTOR OIL, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION OR CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS AND MEETS REPORTING REQUIREMENTS, THE NATIONAL RESPONSE CENTER SHOULD BE CONTACTED AT 800-424-8802 AND ANY REQUIRED CHANGES MADE TO THE SWPPP. IN THE EVENT OF A LIFE THREATENING SPILL, THE SAN ANTONIO FIRE DEPARTMENT SHOULD BE NOTIFIED AS WELL AS THE APPROPRIATE CITY INSPECTORS.

SANITARY WASTE

OFFSITE EXCAVATION SOURCE LOCATION

OFFSITE FILL SOURCE LOCATION

OFFSITE VEHICLE TRACKING

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARP/AULIN
- EXCESS DIRT ON ROAD TO BE REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE

OTHER:

CERTIFICATION THAT SITE DISTURBANCE AND /OR DISCHARGES WILL NOT EFFECT LISTED ENDANGERED SPECIES AND THEIR HABITAT
 WHAT METHOD IS USED TO SATISFY THE ENDANGERED SPECIES REQUIREMENTS? _____

REMARKS:

DISPOSAL AREAS, STOCKPILES AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT ENTERS RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, BODY OF WATER, STREAMBED OR FLOODPLAIN CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS POSSIBLE OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING DEBRIS OR OTHER OBSTRUCTION PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT PART OF THE FINISHED WORK.



TEMPORARY EROSION CONTROL NOTES

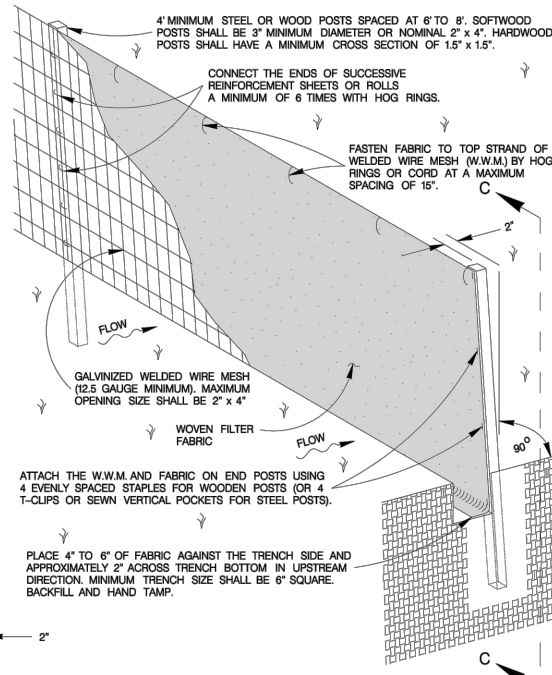
1. CONTRACTOR SHALL OBTAIN A STORM WATER POLLUTION PREVENTION PERMIT SIGNED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS FOR THIS PROJECT. THE DISTURBED AREA SHALL BE ASSUMED TO EXCEED APPROXIMATELY 2.3 ACRES, AS STATED ON THIS SHEET. STORM WATER POLLUTION PREVENTION MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS OF THE CONTRACT. IF ADDITIONAL MEASURES OTHER THAN THOSE SHOWN ARE REQUIRED AS A CONDITION OF THE PERMIT OR TO CONTROL RUN-OFF FROM SPECIFIC CONSTRUCTION ACTIVITIES, SUCH MEASURES SHALL BE IMPLEMENTED AT NO ADDITIONAL COST. SILT FENCING SHALL BE INSTALLED AROUND ALL SOIL STOCKPILE AREAS.
2. CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES DURING THE PHASED CONSTRUCTION OF THIS PROJECT.
3. ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND SHALL REMAIN IN PLACE DURING ALL CONSTRUCTION PHASES.
4. CONSTRUCTION OPERATIONS SHALL BE MANAGED SO THAT AS MUCH OF THE SITE AS POSSIBLE IS LEFT COVERED WITH TOPSOIL AND VEGETATION.
5. CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION TRAFFIC UTILIZES THE STABILIZED ENTRANCE AT ALL TIMES FOR INGRESS/EGRESS TO THE SITE.
6. SITE ENTRY AND EXIT LOCATIONS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ON A PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED TO REMOVE SEDIMENT PRIOR TO ENTRANCE TO A PUBLIC ROADWAY, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE. ALL FINES IMPOSED FOR TRACKING ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.
7. THE CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING ANY EROSION CONTROL DEVICE WHICH THEY DISTURB.
8. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS OFF SITE FROM THE EXISTING ROADWAYS AND PROJECT SITE THAT ARE A RESULT OF THE PROPOSED CONSTRUCTION.
9. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES UNLESS NOTED OTHERWISE.
10. SILT FENCES AND SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL REVEGETATION HAS BEEN COMPLETED.
11. DISTURBED AREAS THAT ARE SEEDED OR SODDED SHALL BE CHECKED PERIODICALLY TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. DISTURBED AREAS SHALL BE WATERED, FERTILIZED, AND RESEEDED OR RESODDED, IF NECESSARY.
12. CONTRACTOR SHALL PROMOTE AND PROVIDE FOR A HEALTHY ESTABLISHMENT OF TURF GRASSES WHILE KEEPING IRRIGATION TO A MINIMUM IN ORDER TO REDUCE EROSION FROM SURFACE RUNOFF.

VEGETATION RESTORATION NOTES

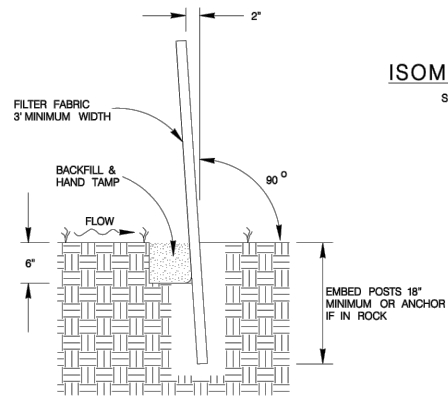
1. THE CONTRACTOR SHALL PLACE TOPSOIL AND HYDROMULCH IN ALL DISTURBED AREAS UPON COMPLETION OF CONSTRUCTION.

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	<h2 style="margin: 0;">Kimley»Horn</h2> <p style="margin: 0;">Texas Registered Firm, No. 928</p> <p style="margin: 0;">601 NW Loop 410 Suite 350 San Antonio, TX 78216</p> <p style="margin: 0;">Tel No. 210-541-9166 Fax No. 210-541-8699</p>									
 <p style="margin: 0;">SAN ANTONIO WATER SYSTEM</p>	<h3 style="margin: 0;">CANYON GOLF RD WATER MAIN EXTENSION PROJECT SHEET</h3> <h2 style="margin: 0;">EROSION CONTROL NOTES</h2>									
DATE: AUGUST 2021 DESIGN: MAV DRAWN: MMV CHECKED: JAF	SAWS PROJECT NO. 20-7004 KHA PROJECT NO. 06866508	SHEET NO. C9								
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No.	Revision	By	Date							
A	ADDENDUM NO. 1	MAV	8/24/2021							



ISOMETRIC VIEW
SCALE: 1" = 2'



SECTION C-C
SCALE: 1" = 2'

SEDIMENT CONTROL FENCE USAGE GUIDELINES

A SEDIMENT CONTROL FENCE MAY BE CONSTRUCTED NEAR THE DOWNSTREAM PERIMETER OF A DISTURBED AREA ALONG A CONTOUR TO INTERCEPT SEDIMENT FROM OVERLAND RUN-OFF. A 2 YEAR STORM FREQUENCY MAY BE USED TO CALCULATE THE FLOW RATE TO BE FILTERED.

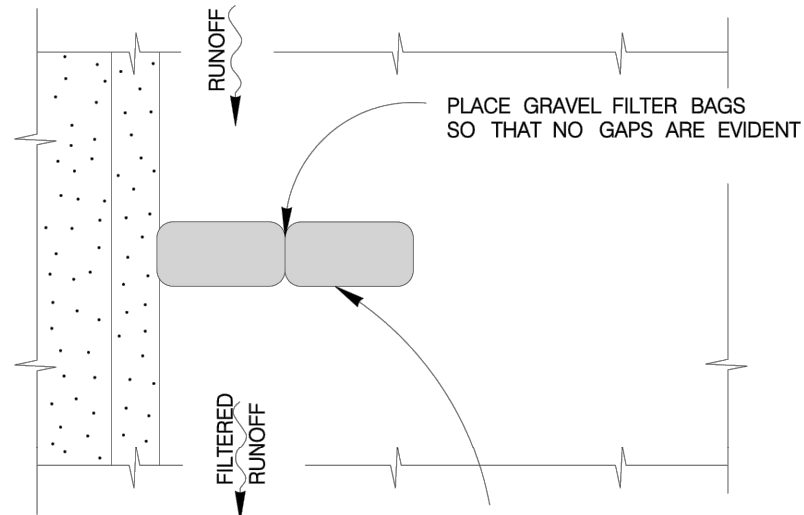
SEDIMENT CONTROL FENCE SHOULD BE SIZED TO FILTER A MAXIMUM FLOW THRU RATE OF 100 GPM /FT SQUARED. SEDIMENT CONTROL FENCE IS NOT RECOMMENDED TO CONTROL EROSION FROM A DRAINAGE AREA LARGER THAN 2 ACRES.

GENERAL NOTES

1. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.

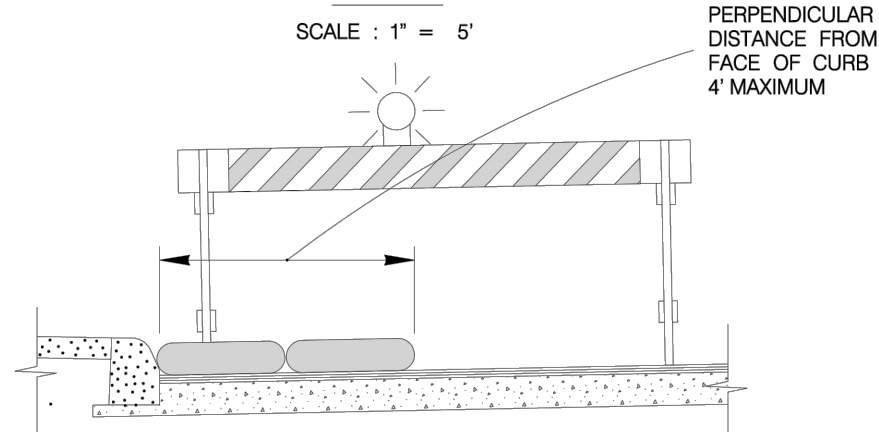
1 TEMPORARY SEDIMENT CONTROL FENCE

SCALE: NTS



PLAN
SCALE: 1" = 5'

3 / 4" GRAVEL CONTAINED IN PERVIOUS BURLAP BAGS OR SYNTHETIC NET BAGS (1 / 8" MESH) APPROX. 24" LONG, 12" WIDE AND 6" HIGH

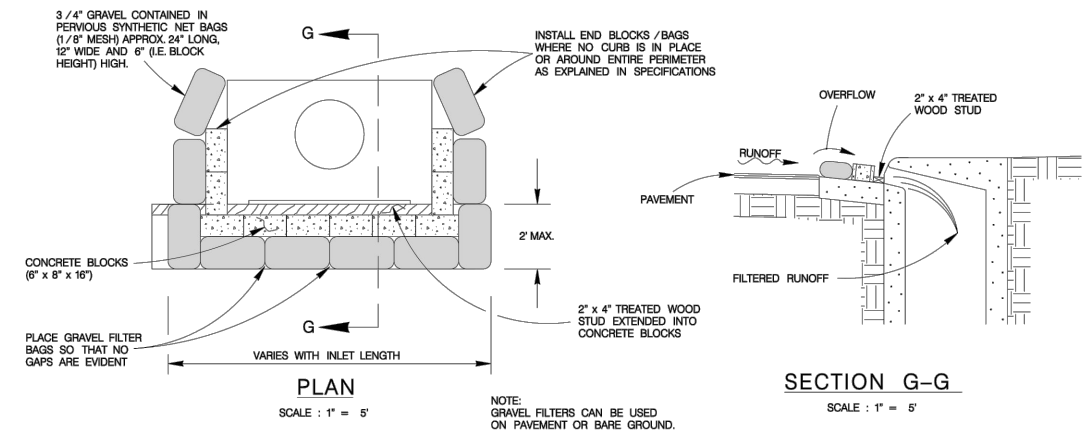


ELEVATION
SCALE: 1" = 5'

NOTE: STRADDLE GRAVEL FILTER BAGS WITH TYPE 1 BARRICADES MOUNTED WITH TYPE "A" FLASHING WARNING LIGHT. SEE BARRICADE CONSTRUCTION SIGN DETAILS. PLACE FLASHING LIGHTS AWAY FROM GUTTER, FLUSH WITH OUTSIDE EDGE OF BAG CONFIGURATION.

2 GRAVEL FILTER BAGS

SCALE: NTS



PLAN
SCALE: 1" = 5'

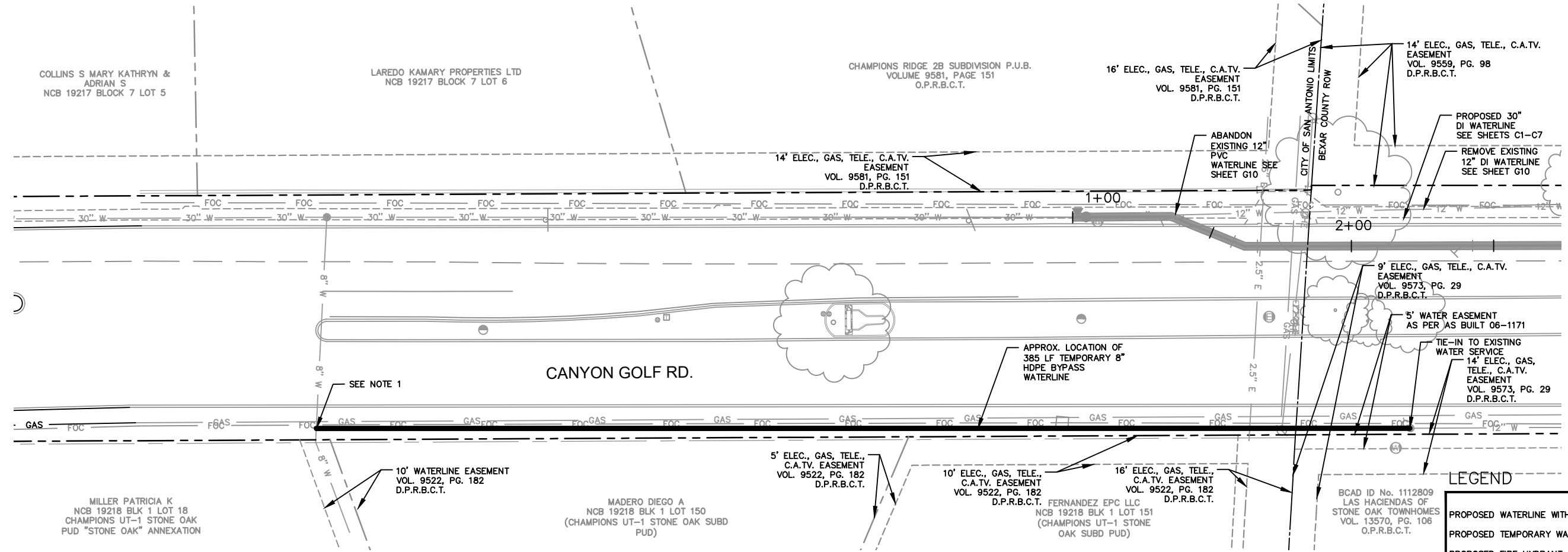
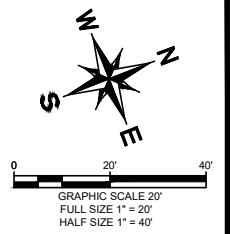
SECTION G-G
SCALE: 1" = 5'

3 CURB INLET GRAVEL FILTER

SCALE: NTS

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		Kimley»Horn Texas Registered Firm, No. 928 601 NW Loop 410 Suite 350 San Antonio, TX 78216 Tel No. 210-541-9166 Fax No. 210-541-8699	
		No. ADDENDUM NO. 1 Revision By: MAV Date: 8/24/2021	
		CANYON GOLF RD WATER MAIN EXTENSION PROJECT SHEET EROSION CONTROL DETAILS	
		DATE: AUGUST 2021 SAWS PROJECT NO. 20-7004 DESIGN: MAV KHA PROJECT NO. 068665058 DRAWN: MMV CHECKED: JAF	SHEET NO. C10



FULL SIZE (22" x 34")
1" = 5' VERTICAL

HALF SIZE (11" x 17")
1" = 10' VERTICAL

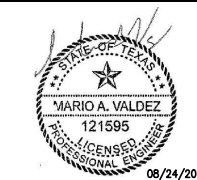
LEGEND

PROPOSED WATERLINE WITH VALVE	
PROPOSED TEMPORARY WATERLINE	
PROPOSED FIRE HYDRANT	
PROPOSED AREA TO BE MILL/OVERLAY	
EXISTING SIDEWALK/DRIVEWAY TO BE REMOVED & REPLACED	
EXISTING WATER LINE WITH VALVE	
EXISTING GAS LINE	
PROPERTY LINE	
EXISTING UNDERGROUND FIBER OPTIC	
EXISTING FENCE	
EXISTING PAVEMENT MARKINGS	
EXISTING SIDEWALK	
EXISTING EASEMENT LINE	
EXISTING WATER METER	
EXISTING FIRE HYDRANT	
EXISTING OVERHEAD ELECTRIC LINE & PP	
EXISTING OVERHEAD FIBER OPTIC	

ESTIMATED SHEET QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
SP815	8" TEMPORARY WATER MAIN	LF	385

NOTES:

1. TWO WEEKS PRIOR TO SHUTDOWN OF EXISTING 12" WATERLINE, CONTRACTOR IS TO NOTIFY SAWS ENGINEERING AND INSPECTIONS. CONTRACTOR SHALL INSTALL AN 8" HDPE TEMPORARY WATERLINE TO MAINTAIN SERVICE TO RESIDENTS DURING CONSTRUCTION, PER SPECIFICATIONS 03100 AND 02620. THE LOCATION OF THIS TEMPORARY MAIN IS GENERALLY AS SHOWN. CONTRACTOR SHALL SUBMIT A PLAN DEPICTING THE ROUTE, MATERIALS, MEANS OF SERVICING WATER, AND MEANS OF PROTECTING WATER FROM VEHICULAR TRAFFIC, ETC. THIS PLAN WILL BE SUBJECT TO APPROVAL BY SAWS AND THE DESIGN ENGINEER.



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No.	Revision	By	Date
1	ADDENDUM NO. 1	MAV	8/24/2021



CANYON GOLF RD WATER MAIN EXTENSION PROJECT
SHEET
TEMPORARY 8-INCH WATER BYPASS

DATE: AUGUST 2021	SAWS PROJECT NO. 20-7004	SHEET NO. C11
DESIGN: MAV	KHA PROJECT NO. 068665058	
DRAWN: MMV		
CHECKED: JAF		

PLOTTED BY: VARA, MIKAELA 8/24/2021 3:54 PM
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