

MEMORANDUM

CITY/BOROUGH OF JUNEAU
155 South Seward Street, Juneau, Alaska 99801

DATE: November 24, 2014

TO: Planning Commission

FROM: Jonathan Lange, Planner *Jonathan Lange*
Community Development Department

FILE NO.: CSP2014 0021

PROPOSAL: A City Project Review of Eagles Edge subdivision water system and drainage improvements.

49.10.170(c) *City and borough land acquisitions, disposals and projects.* The commission shall review and make recommendations to the assembly on land acquisitions and disposals as prescribed by title 53, or capital improvement project by any City and Borough agency. The report and recommendation of the commission shall be based upon the provisions of this title, the comprehensive plan, and the capital improvements program.

GENERAL INFORMATION

Applicant: City and Borough of Juneau

Property Owner: City and Borough of Juneau

Property Address: Eagles Edge Subdivision – Gull Way

Legal Description: Gull Way

Parcel Code No.: N/A

Site Size: Approx. 1,000 feet along Gull Way

Comprehensive Plan Future Land Use Designation: MDR – Medium Density Residential

Roadway Designation And Surrounding Zoning: Street other than Arterial or Collector, D-15

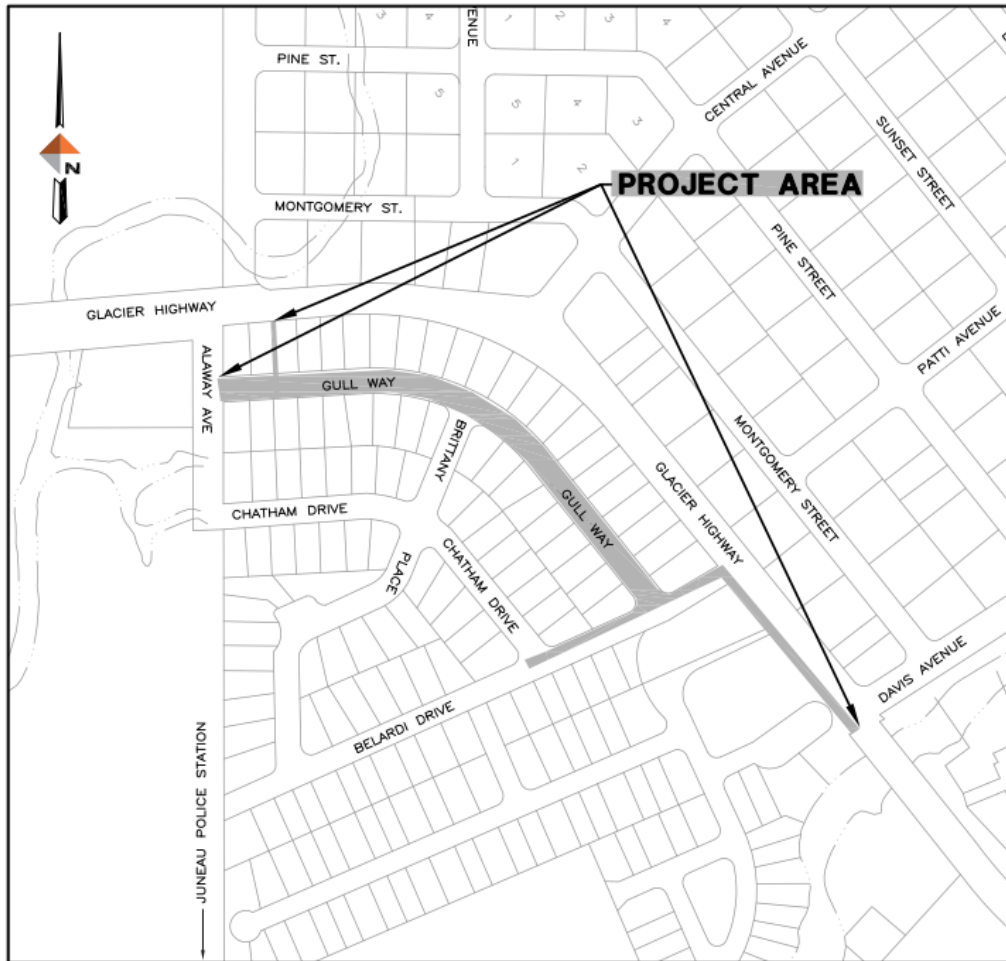
Utilities: Public Water and Sewer

Access: Alaway Avenue and Belardi Drive

Surrounding Land Use: North D-15 – Mobile Homes
South D-15 – Mobile Homes
East D-15 – Mobile Homes
West GC – Office Building



VICINITY MAP



ATTACHMENTS

- Attachment A – Development Permit and City Project Review Applications and Narrative
- Attachment B – Construction Drawings and Plans
- Attachment C – Public Notice
- Attachment D – Comments

PROJECT DESCRIPTION

The City and Borough of Juneau (CBJ) Engineering Department has submitted a proposal for utility and street reconstruction on Gull Way in the Eagles Edge Subdivision in the Lemon Creek area. The proposal includes installing a new 8" water main with new water services to each property, installing a new underground storm drainage collection system with new storm water services to each property, and replacing two storm drain outfall pipes from Gull Way to Glacier Highway drainage ditch. Roadway reconstruction includes new shotrock and D-1 base layered road with new asphalt pavement; curb, gutter, and a 5-foot asphalt sidewalk on the south side of Gull Way; replacing street signs, reconstruction of mailboxes and driveway aprons; ditch grading on the north side of Gull Way; placing topsoil; and hydro seeding.

The Eagles Edge Homeowners Association will pursue a separate arrangement to disconnect the residences from the old water services at the back of the lots, and reconnect the residents to the new water services on Gull Way once the new water main is placed in operation.

Along with the reconstruction work on Gull Way, another new 8" water main will be installed on the south side of Glacier Highway. This will extend from the Davis Avenue intersection along the highway shoulder and will be routed down Belardi Drive to connect at Chatham Drive.

Construction is scheduled for April to September 2015. During the entire project local vehicle access, pedestrian access and emergency vehicle access will be maintained at all times. The contractor will coordinate and maintain uninterrupted public services for postal delivery, garbage pickup, Care-A-Van services, heating fuel delivery, and like services.

ANALYSIS

The Six Year Capital Improvements Program for Fiscal Year 2014-19 lists this project as Eagles Edge Subdivision LID Improvements. The estimated project cost for the utility and roadway reconstruction is \$1,190,231.00.

Construction standards for new streets as outlined in the CBJ Land Use Code Title 49.35, does not apply to reconstruction projects such as the above proposed project. The roadway has been designed with a 22-foot paved surface which is consistent to the existing conditions. Pedestrian safety will be improved with the construction of the proposed 5-foot sidewalk on the south side of Gull Way.

CONFORMITY WITH ADOPTED PLANS

Staff reviewed the CBJ's 2013 Comprehensive Plan Update for policies that may be relevant to the proposed project:

POLICY 8.8 TO RESPOND TO THE SPECIAL TRANSPORTATION NEEDS OF EACH SUBAREA OF THE CBJ AND TO INTEGRATE THEM INTO A

BOROUGH-WIDE COMPREHENSIVE TRANSPORTATION PLAN. THIS SYSTEM SHOULD SEEK TO REDUCE THE CONSUMPTION OF FUSSIL FUELS BY FACILITATING EFFICIENT ROUTES OF TRAVEL, CONVENIENT AND RAPID TRANIST, AND SAFE MOTORIZED- AND NON-MOTERIZED TRAVELWAYS.

Implementing Action 8.8 – IA7

A. Develop a complete sidewalk system and separated pedestrian/bicycle path throughout the Lemon/Switzer Creek neighborhood, connecting residential land uses to schools, playgrounds, employment centers, retailers, and transit facilities.

The proposed new 5-foot wide side walk on the south side of Gull Way will provide for safe pedestrian access to the area, and help complete a sidewalk system in the Lemon Creek subarea.

POLICY 12.1 TO PLAN FOR THE TIMELY AND EFFICIENT PROVISION OF AN APPROPRIATE LEVEL OF PUBLIC FACILITIES IN ALL DEVELOPED AND DEVELOPING AREAS WITHIN THE URBAN SERVICE AREA.

HABITAT

Staff does not find any habitat issues with the proposed project.

PUBLIC MEETING

CBJ Engineering staff, Joe Castillo, and contractor DOWL HKM design engineer, Matt McGuan, held a public information meeting on October 28, 2014 from 6:30pm to 8pm at Dzantik'i Heeni Middle School. Two area residents were in attendance. The project was explained; staff and the residents discussed the specific location of the new water services to the resident's properties. Please see staff email from Joe Castillo in Attachment D.

FINDINGS

All evidence indicates that the proposed project complies with the CBJ Land Use Code and applicable plans, including the Comprehensive Plan.

RECOMMENDATION

Based upon the proposed plan (identified as Attachments A and B), and the findings and conclusions stated above, the Community Development Department Director recommends the Planning Commission **RECOMMEND APPROVAL** to the Assembly for the request.

DEVELOPMENT PERMIT APPLICATION

Project Number	CITY and BOROUGH of JUNEAU	Date Received: 10/23/14
Project Name (City Staff to Assign Name)		

INFORMATION	Project Description EAGLES EDGE SUBD. WATER SYS. IMPROV. PH. II EIS-004 INCLUDES NEW 8" WATER MAIN, STORM DRAIN SYS, WATER SERVICES, STORM WATER SERVICES, 5' ASPHALT SIDEWALK, ROADWAY RECONSTRUCTION, CURB AND GUTTERS, ASPHALT PAVING.		
	PROPERTY LOCATION		
	Street Address GULL WAY, EAGLES EDGE SUBD.		City/Zip JUNEAU
	Legal Description(s) of Parcel(s) (Subdivision, Survey, Block, Tract, Lot)		
	Assessor's Parcel Number(s)		
	LANDOWNER/ LESSEE		
	Property Owner's Name CBJ		Contact Person: JOE CASTILLE
	Mailing Address		Work Phone: 6-0875
	E-mail Address		Home Phone:
			Fax Number:
PROJECT / APPLICANT	Other Contact Phone Number(s):		
	LANDOWNER/ LESSEE CONSENT ***Required for Planning Permits, not needed on Building/ Engineering Permits***		
	I am (we are) the owner(s) or lessee(s) of the property subject to this application and I (we) consent as follows:		
	A. This application for a land use or activity review for development on my (our) property is made with my complete understanding and permission.		
	B. I (we) grant permission for officials and employees of the City and Borough of Juneau to inspect my property as needed for purposes of this application.		
	X _____ Landowner/Lessee Signature		_____ Date
	X _____ Landowner/Lessee Signature		_____ Date
	NOTICE: The City and Borough of Juneau staff may need access to the subject property during regular business hours and will attempt to contact the landowner in addition to the formal consent given above. Further, members of the Planning Commission may visit the property before the scheduled public hearing date.		
	APPLICANT: If the same as OWNER, write "SAME" and sign and date at X below.		
	Applicant's Name CBJ ENG		Contact Person: JOE CASTILLE
Mailing Address		Work Phone: 6-0875	
E-mail Address		Home Phone:	
		Fax Number:	
Other Contact Phone Number(s):			
X <u><i>Joseph Castille</i></u> Applicant's Signature		<u>10-23-14</u> Date of Application	

STAFF APPROVALS	OFFICE USE ONLY BELOW THIS LINE			
	✓	Permit Type	Date Received	Application Number(s)
		Building/Grading Permit		
	✓	City/State Project Review and City Land Action	10/23	CSP14-021
		Inquiry Case (Fee In Lieu, Letter of ZC, Use Not Listed)		
		Mining Case (Small, Large, Rural, Extraction, Exploration)		
		Sign Approval (If more than one, fill in all applicable permit #'s)		
		Subdivision (Minor, Major, PUD, St. Vacation, St. Name Change)		
		Use Approval (Allowable, Conditional, Cottage Housing, Mobile Home Parks, Accessory Apartment)		
		Variance Case (De Minimis and all other Variance case types)		
		Wetlands Permits		
		Zone Change Application		
		Other (Describe)		
	***Public Notice Sign Form filled out and in the file.			
	Comments:			Permit Intake Initials

CITY/STATE PROJECT AND LAND ACTION REVIEW APPLICATION

Project Number	Project Name (15 characters)	Case Number CSP 14-021	Date Received 1923
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TYPE OF PROJECT REVIEW:

☒ City Project Review
 ☐ City Land Acquisition /Disposal
 ☐ State Project Review

DESCRIPTION OF PROJECT EAGLES EDGE SUBD. WATER IMPROV. PH. II - PROJECT INCLUDES ROADWAY RECONSTRUCTION FOR GULL WAY, INSTALLING NEW 8" HDPE WATER MAIN WITH WATER SERVICES, STORM DRAIN SYS. WITH SERVICES, 5' ASPHALT SIDEWALK, CURB AND GUTTERS, RECONSTRUCT MAILBOXES AND DRIVEWAY APARNS, INSTALLING NEW 12" HDPE WATER MAIN ON GLACIER HWY. AND ROUTED DOWN BELARDI DR. TO CONNECT AT CHATHAM DR., REPLACING STREET SIGNS, TOPSOIL, HYDRO-SEEDING, DITCH GRADING AND OTHER WORK.

Please attach a cover letter to fully explain the project if there is not adequate space on this form.

CURRENT USE OF LAND OR BUILDING(S): GULL WAY IS AN EXISTING PAVED ST. WITHIN THE CBJ RIGHT OF WAY

PROPOSED USE OF LAND OR BUILDING(S): GULL WAY WILL BE RECONSTRUCTED TO CURRENT CBJ STANDARDS TO INCLUDE INSTALLING NEW CBJ WATER SYSTEM AND STORM DRAIN UTILITIES, A 5' ASPHALT SIDEWALK, AND CURB AND GUTTERS.

PROJECT NUMBERS ASSOCIATED WITH PROPOSAL:

Is this project associated with any other Land Use Permits? ☒ No ☐ Yes Case No.: _____

Capital Improvement Program # (CIP) R72-053

Local Improvement District # (LID) _____

State Project # _____

ESTIMATED PROJECT COST: \$1,190,231.00

For more information regarding the permitting process and the submittals required for a complete application, please see the reverse side.

If you need any assistance filling out this form, please contact the Permit Center at 586-0770.

CITY/STATE PROJECT FEES

	Fees	Check No.	Receipt	Date
Application Fees	\$ <u>9</u>	_____	_____	_____
Total Fee	\$ _____	_____	_____	_____

NOTE: MUST BE ACCOMPANIED BY DEVELOPMENT PERMIT APPLICATION FORM & EVEN IF THE PROPOSED PROJECT IS ASSOCIATE WITH OTHER LAND USE PERMITS, THIS APPLICATION MUST BE FILLED OUT

City State Project Review

Eagles Edge Subdivision Water Improvements Ph. II E-15-025

RECEIVED
OCT 23 2014
PERMIT CENTER/CDD

Project Description

The project involves utility and street reconstruction work on Gull Way for the Eagles Edge Subdivision in the Lemon Creek area. The project limits are from Alaway Avenue to Belardi Drive.

Final design completion is scheduled for the end of October. Construction contract bid advertising and bid award is scheduled for November and December 2014. The construction period is scheduled for April to September 2015.

The project will involve installing a new 8" HDPE water main with new water services to each property, installing a new underground storm drainage collection system with new storm water services to each property, replacing two storm drain outfall pipes from Gull Way to Glacier Highway drainage ditch, roadway subcutting to a 24" depth and placing 16" of shotrock borrow, 6" base course grading D-1, and 2-1/2" asphalt pavement, curb and gutters, placing a 5-foot asphalt sidewalk, replacing street signs, reconstructing mailboxes, reconstructing driveway aprons, ditch grading, placing topsoil, hydro-seeding and other miscellaneous work.

Once the new 8" HDPE water main is placed in operation, the existing 4" CI water main will be shut off and abandoned in place. The Eagles Edge Homeowners Association will then pursue a separate arrangement to disconnect the residences from the old water services at the back of the lots, and reconnect the residents to the new water services on Gull Way.

In addition to the Gull Way reconstruction work, a new water main will be installed on south side of Glacier Highway. A new 8" HDPE water main will extend from the Davis Avenue intersection along the highway shoulder and routed down Belardi Drive to connect at Chatham Drive. This new water main will provide a looped water supply system from Glacier Highway so that the entire subdivision is not shut off from water supply should any future emergency water main repairs occur.

Local vehicle access and pedestrian access to properties will be maintained throughout the entire project. The contractor will be required to maintain emergency vehicle access at all times, in addition to coordinating and maintaining uninterrupted public services for postal delivery, garbage pickup, care-a-van services, heating fuel delivery, etc.

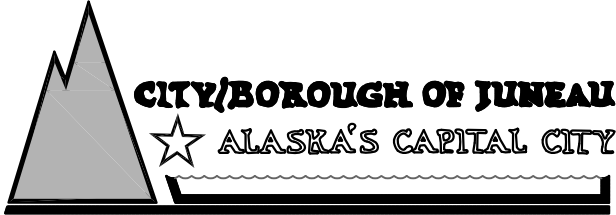
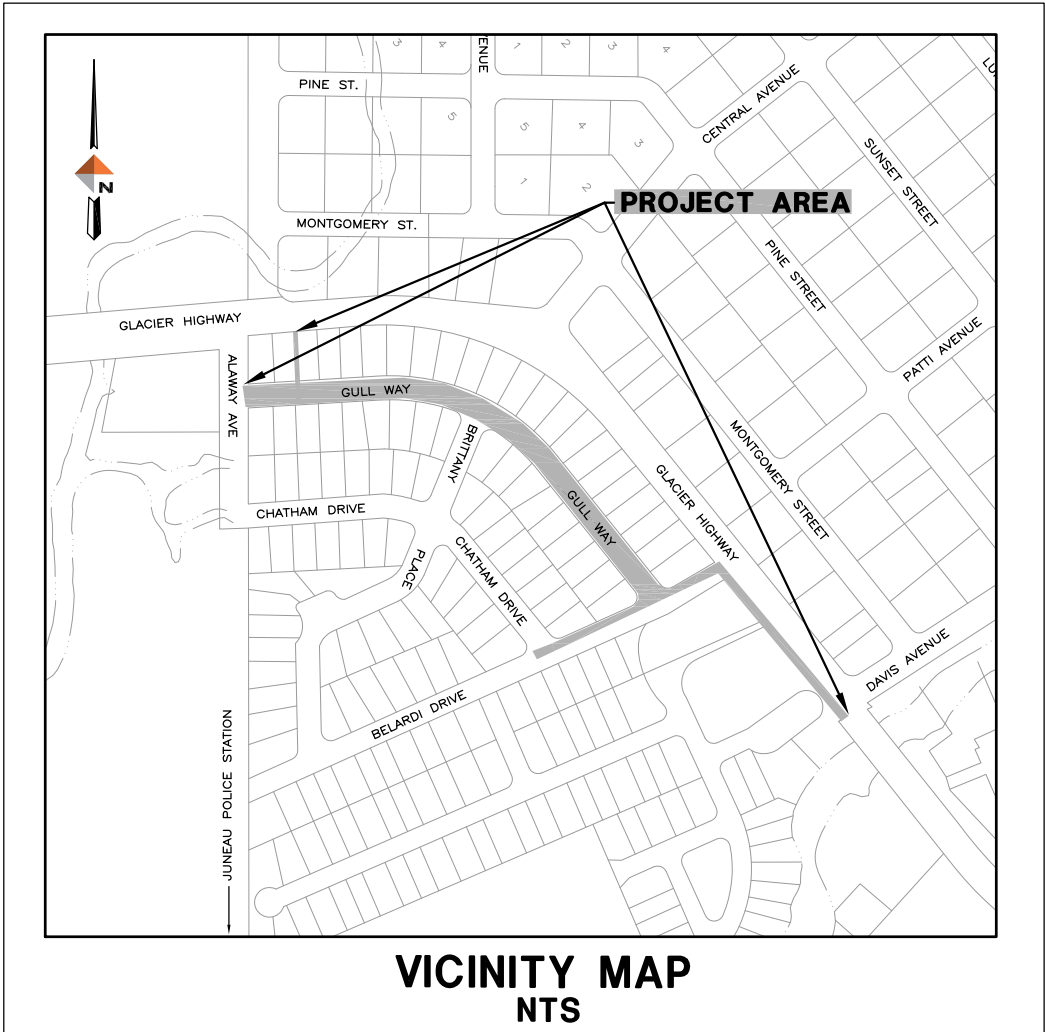
Public Meeting

A public information meeting is scheduled for October 28, 2014 to present the plan drawings to the project area residents and describe the planned improvements for Gull Way.

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EAGLES EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025



5368 Commercial Blvd.
Juneau, Alaska 99801
(907) 780-3533 Office
(907) 780-3535 Fax

Consulting Engineers • Land Surveyors • Construction Administration

ATTACHMENT B

LEGEND

DESCRIPTION	EXISTING	REMOVE	PROPOSED
BURIED ELECTRICAL UTILITIES			
CATCH BASIN			
CONTROL POINT			
CURB & GUTTER			
CUT LIMITS			
DITCH BOTTOM			
DITCH TOP			
FILL LIMIT			
FIRE HYDRANT			
GUARD RAIL			
HOUSE NO			
MAILBOX			
PROJECT CONTROL LINE			
PROPERTY LINE			
POWER POLE			
SANITARY SEWER PIPE			
SANITARY SEWER MANHOLE			
SIGN			SEE SIGN ASSEMBLY TABLE
STORM DRAIN PIPE			
STORM DRAIN MANHOLE			
SURVEY MONUMENT-REBAR W/ PLASTIC CAP			
TREE CONIFER			
TREE DECIDUOUS			
WATER LINE PIPE			
WATER VALVE BOX			

ABBREVIATIONS

AC	ASPHALT PAVING
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED POLYETHYLENE PIPE
CONC	CONCRETE
CTE	CONNECT TO EXISTING
DI	DUCTILE IRON
DIA	DIAMETER
FG	FINISHED GRADE
GV	GATE VALVE
INV	INVERT
LG	LIP OF GUTTER
LT	LEFT
MH	MANHOLE
MN	MAGNETIC NAIL
MTE	MATCH TO EXISTING
NO	NUMBER
NTS	NOT TO SCALE
PVC	POLYVINYL CHLORIDE PIPE
RT	RIGHT
SHLD	SHOULDER
STA	STATION
STD	STANDARD
TBC	TOP BACK OF CURB
TBG	TOP BACK OF GUTTER
TP	TOP OF PAVEMENT
TSW	TOP OF SIDEWALK
TYP	TYPICAL

ABBREVIATIONS TO BE USED WITHOUT PERIODS

GENERAL NOTES

- BEGIN SUBCUT AT 24 INCHES FROM PAVEMENT SAWCUT LINE AT STREET CONNECTIONS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS, OR DIRECTED BY THE ENGINEER. REMOVE AND REPLACE BASE COURSE WITH 6 INCHES OF 2" MINUS SHOT ROCK/BASE COURSE TO 12 INCHES FROM PAVEMENT SAWCUT LINE. SAWCUT AS NECESSARY ALONG ALL STREET, DRIVEWAY AND SIDEWALK APPROACHES TO PROVIDE A NEAT MATCH LINE.
- LARGE BOULDERS, STUMPS, LOGS, ORGANICS AND GROUND WATER MAY BE ENCOUNTERED AT VARIOUS DEPTHS DURING TRENCHING AND ROADWAY EXCAVATION OPERATIONS. THESE MATERIALS SHALL BE DISPOSED OF AS REQUIRED BY THE ENGINEER.
- CONTRACTOR SHALL ASSURE GARBAGE PICKUP AND DAILY MAIL SERVICE WILL BE UNINTERRUPTED TO ALL RESIDENCES AFFECTED BY THIS PROJECT.
- CBJ ENGINEERING STANDARD DETAILS 4TH EDITION – AUGUST 2011, IS MADE PART OF THIS CONTRACT, WITH CURRENT REVISIONS AS APPLICABLE.
- ALL EXISTING WATER PIPES (6 INCH DIAMETER AND LARGER), AND APPURTENANCES (TO BE ABANDONED) THAT ARE WITHIN THE STREET AND SIDEWALK LIMITS, SHALL BE REMOVED AND DISPOSED OF, OR FILLED WITH FLOWABLE MIXTURE, UNLESS OTHERWISE NOTED.
- EXISTING PIPE LOCATIONS ARE DERIVED FROM EXISTING AS-BUILTS OR FIELD LOCATED. ACTUAL LOCATIONS MAY VARY FROM THOSE SHOWN. DEPTH OF SOME OF THE EXISTING PIPES SHOWN ON THE ELEVATIONS ARE ASSUMED. DIAL BEFORE YOU DIG 586-1333.
- GRADING AND ALIGNMENT ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER. LOCATION OF PROPOSED WATER AND STORM DRAINAGE FACILITIES ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER. PROVIDE KNOCKOUTS IN CATCH BASINS FOR ALL PIPES SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY CBJ WATER UTILITIES AT 780-6808 OF PROPOSED WATER SERVICE INTERRUPTION AND SUBMIT THE "WATER SYSTEM SPECIAL USE PERMIT" TO CBJ WATER UTILITIES SUPERINTENDENT FOR APPROVAL AT LEAST 48 HOURS PRIOR TO SHUTDOWN OR FLUSHING OF MAINLINE WATER PIPE. NO WATER SERVICE INTERRUPTION MAY PROCEED UNTIL THIS APPROVAL IS OBTAINED.
- PROPERTY LINE LOCATIONS USED IN THESE PLANS ARE DERIVED FROM RECORD PLATS AND DO NOT REPRESENT BOUNDARY SURVEY. EXISTING RECORD PLATS DO NOT CLOSE WITH EACH OTHER IN SOME CASES. THE PROPERTY LINES SHOWN ON THESE PLANS ARE A BEST FIT APPROXIMATION OF CLOSURE.
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING WATER AND SEWER PIPES, INCLUDING ALL SERVICES ALONG THE STORM DRAIN AND WATER PIPE ALIGNMENTS, TO DETERMINE PIPE INSULATION LOCATIONS, AND TO ENSURE DAMAGE DOES NOT OCCUR TO THE SERVICE PIPES.
- ALL ITEMS DESIGNATED TO BE REMOVED SHALL BE DISPOSED OF OFF-SITE, EXCEPT AS NOTED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL REFERENCE ALL EXISTING PROPERTY CORNER MONUMENTS (I.E. BRASS CAP MONUMENTS, REBARS, CONCRETE NAILS, CHISELED X's) PRIOR TO CONSTRUCTION AND REMONUMENT AFTER SURFACING IS REPLACED. EXISTING SURVEY MONUMENTS MAY NOT BE SHOWN ON THE DRAWINGS. ALL WORK SHALL BE DONE BY, OR UNDER THE DIRECTION OF, AN ALASKA REGISTERED LAND SURVEYOR.
- ALL ASPHALT PAVEMENT TO BE REMOVED AND DISPOSED OF SHALL BE DELIVERED TO A STOCKPILE AREA AT THE LEMON CREEK CITY PIT TO BE DESIGNATED BY THE ENGINEER. CONTACT THE ENGINEER FOR THE EXACT LOCATION OF THE STOCKPILE.
- AEL&P, ACS, AND GCI MAY CONDUCT WORK WITHIN THE PROJECT LIMITS TO RELOCATE UTILITIES AND UPGRADE THEIR RESPECTIVE SYSTEMS. THE CONTRACTOR SHALL COORDINATE ITS ACTIVITIES WITH EACH UTILITY COMPANY AND PROVIDE ACCESS AS NECESSARY FOR UTILITY COMPANIES TO CONDUCT THEIR WORK.
- ONLY HORIZONTAL ELBOW FITTINGS (BENDS) ARE SHOWN (NOT ALL ARE LABELED) ON DRAWINGS. ADDITIONAL FITTINGS WILL BE REQUIRED FOR VERTICAL DEFLECTIONS NEAR CONNECTIONS TO EXISTING PIPES, AND AT OTHER LOCATIONS REQUIRING GRADE CHANGES TO AVOID CONFLICTS
- THE CONTRACTOR SHALL RESTRICT ITS COMPACTION AND OTHER VIBRATION INDUCING OPERATIONS AS NECESSARY TO ASSURE NO DAMAGE OCCURS TO ADJACENT BUILDINGS OR STRUCTURES. REFER TO SECTION 01530, ARTICLE 1.7 OF THE STANDARD SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- THE PLAN DRAWINGS DO NOT SHOW ALL TREES, BUSHES AND LANDSCAPING THAT WILL BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. NO TREES, BUSHES OR LANDSCAPING ARE TO BE REMOVED OR DAMAGED, UNLESS SHOWN ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT STORE MATERIALS OR EQUIPMENT, OR OPERATE EQUIPMENT WITH ITS TRACKS OR WHEELS PLACED ON PRIVATE PROPERTY, WITHOUT THE WRITTEN APPROVAL OF THE PROPERTY OWNER.
- THE USE OF GROUT AND QUICKSET CEMENT PRODUCTS WITH ADJUSTING RINGS, BRICKS, WOOD, STONES AND OTHER SIMILAR GRADE ADJUSTMENT DEVICES TO SUPPORT CATCH BASIN FRAMES OVER CATCH BASINS AND MANHOLES WILL NOT BE PERMITTED. SEE THE STANDARD DETAILS AND SECTION 02502 – STORM SEWER MANHOLES, INLETS AND CATCH BASINS FOR CATCH BASIN SUPPORT REQUIREMENTS. CATCH BASIN FRAME AND GRATES SHALL BE SET AT 6-3/4" BELOW TOP BACK OF CURB ELEVATION, WITH 3' LONG CONCRETE GUTTER TRANSITIONS TO BOTH SIDES OF GRATE.
- TEMPORARY RAMPS SHALL BE PROVIDED AS REQUIRED FOR RESIDENT ACCESS TO THEIR WALKWAYS DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL ARRANGE FOR ELECTRICAL UTILITY LOCATES PRIOR TO ANY EXCAVATION. UNDERGROUND ELECTRICAL UTILITIES, IF SHOWN ON THE DRAWINGS, INDICATE THEIR EXISTENCE ONLY, AND MAY NOT SHOW THE ACTUAL LOCATION. OTHER BURIED ELECTRICAL UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THE DRAWINGS. DIAL BEFORE YOU DIG AT 586-1333.
- WATER PIPES WILL BE REQUIRED TO BE INSTALLED WITH MORE THAN 60 INCHES OF COVER IN AREAS WHERE STORM DRAINAGE PIPES ARE CLOSE TO OR BELOW A DEPTH OF 60 INCHES TO INVERT. DEPTHS OF ALL STORM DRAINAGE PIPES SHALL BE DETERMINED PRIOR TO INSTALLING WATER PIPES TO ENSURE CONFLICTS BETWEEN THESE PIPES DO NOT OCCUR. A MINIMUM CLEARANCE OF 8" SHALL BE OBTAINED BETWEEN WATER AND OTHER PIPES.
- THE CONTRACTOR SHALL PROVIDE TOP OF WATER PIPE ELEVATIONS TO THE ENGINEER AT A MAXIMUM SPACING OF 50 FEET AND AT ALL GRADE BREAKS PRIOR TO BACKFILLING OVER THE PIPE. IF THE PIPE IS BACKFILLED PRIOR TO PROVIDING THESE TOP OF PIPE ELEVATIONS, THE PIPE SHALL BE EXPOSED AND THE TOP OF PIPE SURVEYED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY EACH RESIDENT OF EACH DRIVEWAY CLOSURE THE DAY PRECEDING THE DAY THE DRIVEWAY IS TO BE CLOSED TO VEHICULAR ACCESS. THE RESIDENT SHALL BE INFORMED OF THE PERIOD OF TIME THE CLOSURE WILL BE IN EFFECT. NO DRIVEWAY CLOSURES WILL BE PERMITTED UNTIL THIS REQUIREMENT HAS BEEN MET TO THE SATISFACTION OF THE ENGINEER.

ATTACHMENT B

95%
REVIEW



DOWL HKM

Consulting Engineers • Land Surveyors • Construction Administration

5368 Commercial Blvd.
Juneau, Alaska 99801
(907) 780-3533 Office
(907) 780-3535 Fax

JOB NO: J70549.02 | DRAWN BY: STAFF | DESIGNED BY: M. MCGUAN | CHECKED BY: N. HOBBS | DATE: NOVEMBER 2014



CITY/BOROUGH OF JUNEAU
ALASKA'S CAPITAL CITY

DEPARTMENT OF ENGINEERING

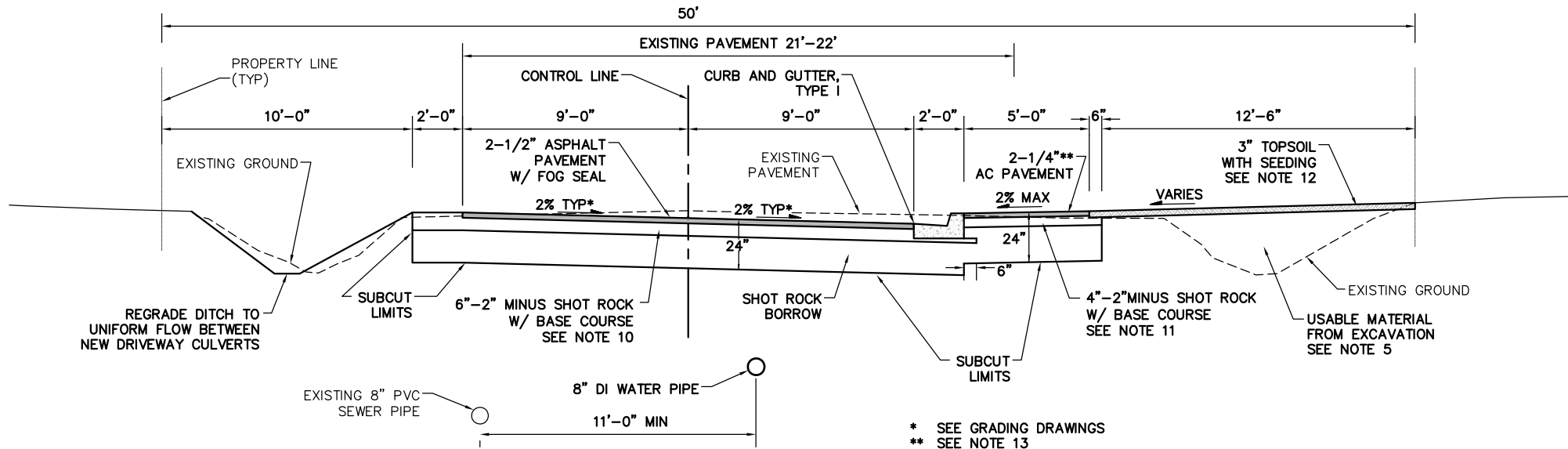
EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025

LEGEND, ABREVIATIONS,
AND GENERAL NOTES

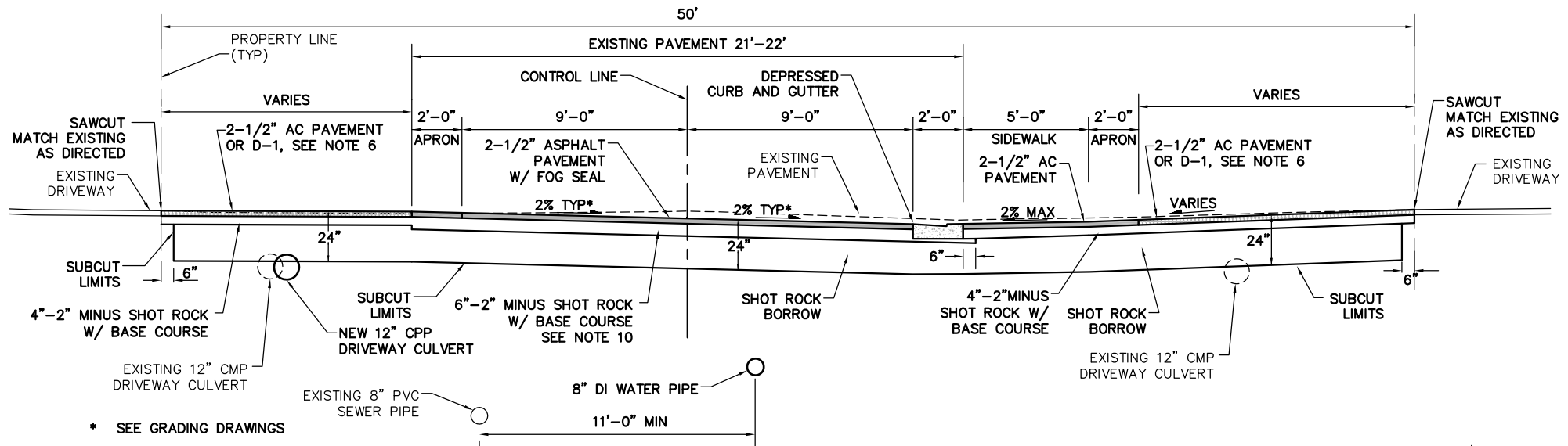
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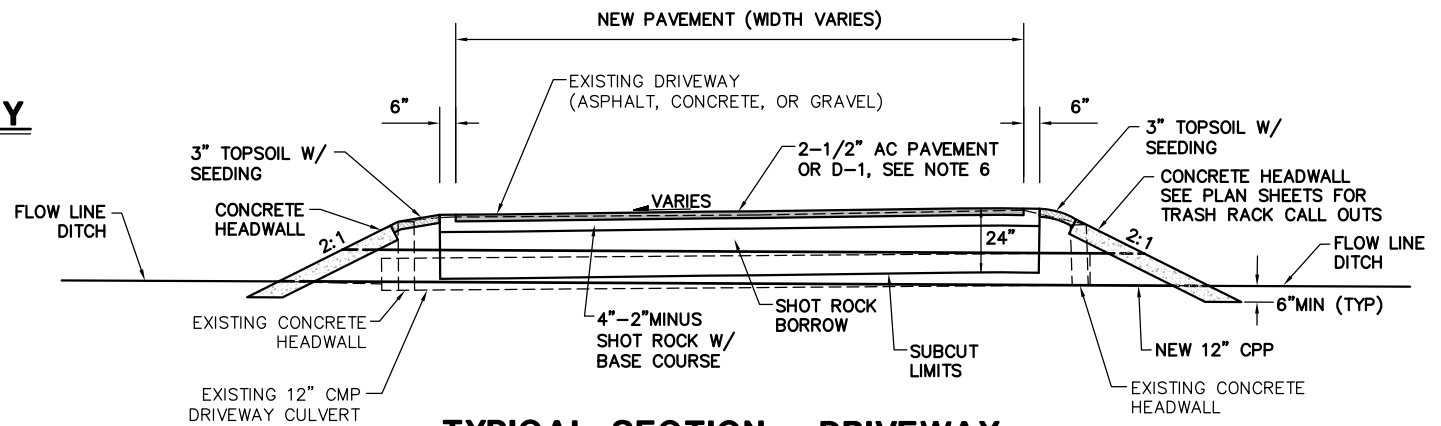
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TYPICAL SECTION - GULL WAY
NTS



TYPICAL SECTION - GULL WAY WITH DRIVEWAY
NTS



TYPICAL SECTION - DRIVEWAY
NTS

NOTES FOR TYPICAL SECTIONS THIS SHEET

1. ADDITIONAL EXCAVATION BELOW THE NEATLINE SUBCUT LEVEL MAY BE REQUIRED, IF ORGANIC OR OTHER UNSUITABLE MATERIALS ARE FOUND AT OR NEAR THE PLANNED SUBCUT LEVEL, AS DIRECTED BY THE ENGINEER. USABLE MATERIAL FROM EXCAVATION SHALL BE USED TO BACKFILL THE ADDITIONAL AREAS OF EXCAVATION, WHICH MAY VARY FROM 6" IN DEPTH TO A DEPTH OF UP TO 5'-0" BELOW FINISH GRADE. THE BACKFILLING WITH USABLE MATERIAL FROM EXCAVATION WILL BE CONSIDERED INCIDENTAL TO OTHER WORK.
2. IF EXISTING SOILS WITHIN THE PLANNED SUBCUT LAYER ARE FOUND TO BE USABLE, AS DETERMINED BY THE ENGINEER, THE DEPTH OF EXCAVATION AND BACKFILL MAY BE DECREASED.
3. SEE HORIZONTAL AND VERTICAL CONTROL, CURB AND GUTTER LAYOUT AND GRADE DRAWINGS FOR GRADING DETAILS.
4. UNDERGROUND ELECTRICAL, SANITARY SEWER, STORM DRAIN, AND WATER AND SERVICES NOT SHOWN IN THE TYPICAL SECTION. SEE PLAN SHEETS FOR APPROXIMATE LOCATIONS.
5. ALL FILL AREAS BEYOND SUBCUT LIMITS SHALL BE BACKFILLED WITH USABLE MATERIAL FROM EXCAVATION AND GRADED TO DRAIN AS SHOWN ON THE PLAN VIEW DRAWINGS.
6. DRIVEWAYS DISTURBED DURING CONSTRUCTION SHALL BE RECONSTRUCTED TO EQUAL, OR BETTER CONDITION WITH SUBGRADE REPLACED IN LAYERS TO MATCH THOSE REMOVED EXCEPT:
 - A) PAVED DRIVEWAYS SHALL BE SUBCUT TO 24 INCHES BELOW FINISH GRADE AND REPLACED WITH 17-1/2 INCHES OF SHOT ROCK BORROW, 4 INCHES OF 2"- MINUS SHOT ROCK WITH BASE COURSE, AND 2-1/2 INCHES OF A.C. PAVEMENT FOR SIDEWALKS AND DRIVEWAYS.
 - B) GRAVEL DRIVEWAYS SHALL BE SUBCUT TO 24 INCHES BELOW FINISH GRADE AND REPLACED WITH 17-1/2 INCHES OF SHOT ROCK BORROW, 4 INCHES OF 2"-MINUS SHOT ROCK WITH BASE COURSE, AND 2-1/2 INCHES OF A.C. PAVEMENT FOR SIDEWALKS AND/OR A 2-FOOT WIDE APRON AT THE BACK OF SIDEWALK OR EDGE OF ROADWAY. FINISH THE REMAINING AREA WITH 2-1/2 INCHES OF BASE COURSE, GRADING D-1.
 - C) ORGANICS, ROOTS, WOOD OR OTHER DELETERIOUS MATERIALS ENCOUNTERED IN THE DRIVEWAYS DURING EXCAVATION OPERATIONS SHALL NOT BE REPLACED, BUT SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE. BACKFILL VOIDS BELOW THE REQUIRED SUBBASE LAYER WITH USABLE MATERIAL FROM EXCAVATION.
7. ACCESS RAMPS SHALL CONFORM TO CBJ STANDARD 105 REGARDING CROSS SLOPES AND TRANSITIONS FOR THE DEPRESSED SIDEWALK. THE CURB AND GUTTER SHALL BE CONSTRUCTED WITH NO LIP.
8. TOP OF A.C. PAVEMENT SHALL BE 1/4 INCH TO 1/2 ABOVE THE TOP EDGE OF CONCRETE GUTTER OR TOP OF CURB. TOP OF PAVEMENT GRADES GIVEN ON THE PLANS ARE 1/4 BELOW ACTUAL FINISH PAVEMENT SURFACE.
9. GRADE TOP OF CURB AT 2%.
10. THE BASE COURSE LAYER SHALL BE 4" TO 5" OF 2-INCH MINUS SHOT ROCK WITH 1" TO 2" TOP LAYER OF BASE COURSE, GRADING D-1 FOR A TOTAL THICKNESS OF 6". THE 2" MINUS SHOT ROCK SHALL BE WELL COMPACTED PRIOR TO PLACING THE BASE COURSE GRADING D-1.
11. BASE COURSE, GRADING D-1, MAY BE USED FOR THE FULL DEPTH OF THE BASE COURSE UNDER THE SIDEWALKS AND DRIVEWAYS AS A NO COST SUBSTITUTION.
12. CATCH LINE FOR USABLE MATERIAL AND TOPSOIL WILL VARY IN DISTANCE FROM RIGHT-OF-WAY LINES. PLACE AND GRADE THESE MATERIALS TO PROVIDE A SMOOTH, WELL DRAINED TRANSITION TO EXISTING GRADES, AS DIRECTED BY THE ENGINEER.
13. ASPHALT THICKNESS FOR DRIVEWAY APPROACHES AND DRIVEWAYS SHALL BE 2 1/2".

ATTACHMENT B

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DEPARTMENT OF ENGINEERING

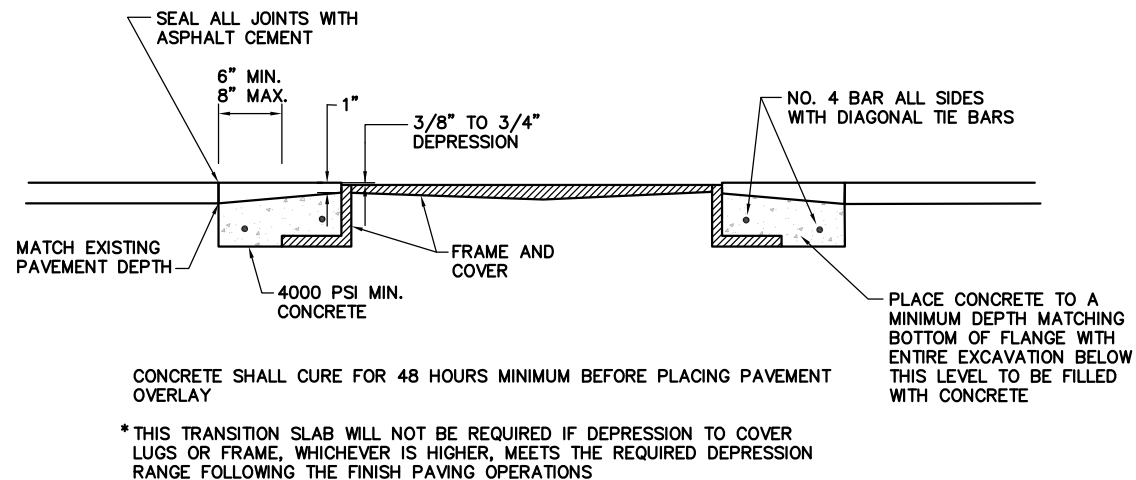
**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

TYPICAL SECTIONS

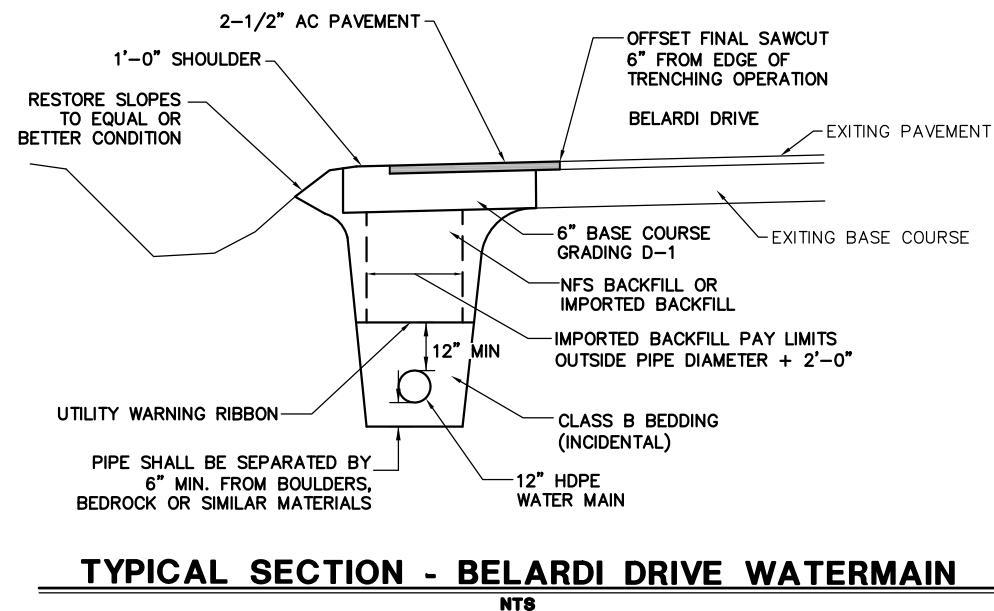
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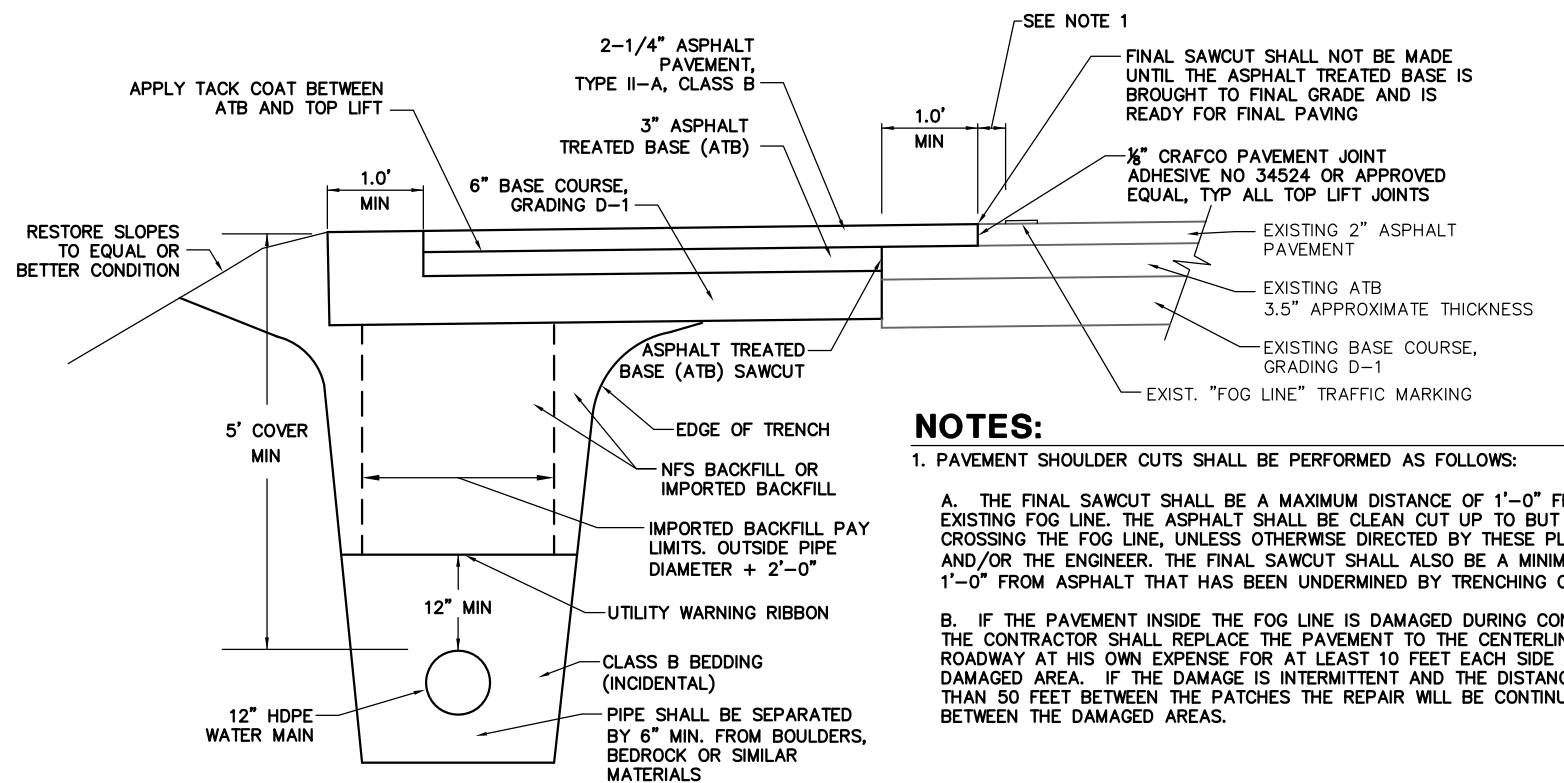
JOB NO: J70549.02 DRAWN BY: STAFF DESIGNED BY: M. MCGUAN CHECKED BY: N. HOBBS DATE: NOVEMBER 2014



TRANSITION SLAB W/ ASPHALT PAVEMENT OVERLAY
NTS



TYPICAL SECTION - BELARDI DRIVE WATERMAIN
NTS



**TYPICAL SECTION AND SHOULDER PAVEMENT DETAIL
GLACIER HIGHWAY WATERMAIN**
NTS

NOTES:

- PAVEMENT SHOULDER CUTS SHALL BE PERFORMED AS FOLLOWS:
 - THE FINAL SAWCUT SHALL BE A MAXIMUM DISTANCE OF 1'-0" FROM THE EXISTING FOG LINE. THE ASPHALT SHALL BE CLEAN CUT UP TO BUT NOT CROSSING THE FOG LINE, UNLESS OTHERWISE DIRECTED BY THESE PLANS AND/OR THE ENGINEER. THE FINAL SAWCUT SHALL ALSO BE A MINIMUM OF 1'-0" FROM ASPHALT THAT HAS BEEN UNDERMINED BY TRENCHING OPERATIONS.
 - IF THE PAVEMENT INSIDE THE FOG LINE IS DAMAGED DURING CONSTRUCTION THE CONTRACTOR SHALL REPLACE THE PAVEMENT TO THE CENTERLINE OF THE ROADWAY AT HIS OWN EXPENSE FOR AT LEAST 10 FEET EACH SIDE OF THE DAMAGED AREA. IF THE DAMAGE IS INTERMITTENT AND THE DISTANCE IS LESS THAN 50 FEET BETWEEN THE PATCHES THE REPAIR WILL BE CONTINUOUS BETWEEN THE DAMAGED AREAS.

ATTACHMENT B

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**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**TYPICAL SECTIONS
AND DETAILS**

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SIGN ASSEMBLY TABLE			
NO.	LOCATION	MUTCD DESIGNATION OR DESCRIPTION	LEGEND AND COMMENTS
1	STA "G" 10+15, 77 LT	W11-2/W16-7P	PED CROSSING (30"x30") W/ DOWNWARD DIAGONAL ARROW (24"x12")
2	STA "G" 10+14, 22 RT	W11-2/W16-9P	PED CROSSING (30"x30") W/ "AHEAD" (24"x12")
3	STA "G" 10+55, 44 RT	W11-2/W16-9P	PED CROSSING (30"x30") W/ "AHEAD" (24"x12")
4	STA "G" 10+50, 128 RT	W11-2/W16-7P	PED CROSSING (30"x30") W/ DOWNWARD DIAGONAL ARROW (24"x12")
5	STA "G" 10+62, 17 LT	R1-1	"STOP" (30"x30") - NEW STREET NAME SIGNS
6	STA "G" 11+64, 18 RT	R2-1/R7-1	"SPEED LIMIT 20" (24"x30") "NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW (SEE NOTE G)
7	STA "G" 12+31, 13 LT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
8	STA "G" 14+35, 18 RT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
9	STA "G" 15+96, 13 LT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
10	STA "G" 15+87 29 RT	R1-1	"STOP" (30"x30") - NEW STREET SIGNS
11	STA "G" 16+37, 18 RT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
12	STA "G" 17+36, 13 LT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
13	STA "G" 18+14, 13 LT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
14	STA "G" 18+30, 18 RT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
15	STA "G" 20+31, 18 RT	R7-1	"NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW (SEE NOTE G)
16	STA "G" 20+50, 13 LT	R2-1/R7-1	"SPEED LIMIT 20" (24"x30") "NO PARKING NOV 1-APR 30" W/ DOUBLE ARROW
17	STA "G" 20+92, 22 RT	R1-1	"STOP" (30"x30") - NEW STREET NAME SIGNS
18	STA "G" 21+00, 45 RT	R2-1	"SPEED LIMIT 20" (24"x30")
A) ALL SIGNS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CITY & BOROUGH STANDARD DETAIL NO. 127.			
B) ALL SIGNS TO BE LOCATED AS DIRECTED BY THE ENGINEER.			
C) SALVAGE ALL SIGN PANELS AND DELIVER TO CBJ STREETS MAINTENANCE SHOP. DISPOSE OF ALL EXISTING POSTS AND POST SOCKETS.			
D) ALL POSTS SHALL BE "TELSPAR", OR APPROVED EQUAL.			
E) POSTS SHALL BE PRE-PUNCHED WITH ALL KNOCKOUTS REMOVED.			
F) REPLACE ALL POST ASSEMBLY MATERIALS.			
G) REMOVE AND REPLACE THE EXISTING "DRIVE SLOWLY WATCH FOR CHILDREN AND ANIMALS" SIGN.			

PAVING SEQUENCE REQUIREMENTS:

- LAYDOWN OPERATIONS SHALL BEGIN AT EITHER ALAWAY AVENUE OR BELARDI DRIVE.
- PAVING SHALL PROCEED TO THE BRITTANY PLACE INTERSECTION IN THIS FIRST LANE AND THE END PREPARED FOR A SAWCUT JOINT.
- LAYDOWN OPERATIONS SHALL THEN MOVE BACK TO THE BEGINNING POINT WITH PAVING BEGINNING IN THE OTHER LANE.
- THE SECOND LANE SHALL BE PAVED TO THE BRITTANY PLACE INTERSECTION.
- LAYDOWN OPERATIONS SHALL THEN CONTINUE IN THE SECOND LANE TO THE TIE-IN AT END OF PROJECT.
- THE FIRST LANE SHALL THEN BE COMPLETED BEGINNING AT THE SAWCUT JOINT.
- ALL ROADWAY PAVING OPERATIONS SHALL BE COMPLETED IN ONE WORK SHIFT.
- THE INTENT OF THE REQUIRED PAVING SEQUENCE IS TO OBTAIN A WELL SEALED AND UNIFORM CENTERLINE JOINT.
- AS AN OPTION, BOTH LANES MAY BE PAVED IN ONE OPERATION IF THE LAYDOWN MACHINE IS EQUIPPED TO PROPERLY PAVE A WIDTH OF 18'.

NOTES FOR GULL WAY TRAFFIC CONTROL:

- ALL TRAFFIC TO BE CONTROLLED PER THE REQUIREMENTS OF THE ALASKA TRAFFIC MANUAL (U.S. DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE ALASKA SUPPLEMENT).
- ALL DETOURS SHALL BE AS APPROVED BY THE ENGINEER.
- ROAD CLOSURES WILL BE PERMITTED ONLY AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR WILL NOT BE PERMITTED TO OBSTRUCT VEHICULAR TRAFFIC BETWEEN THE HOURS OF 4:30pm AND 8:00am SEVEN DAYS A WEEK. DURING THIS PERIOD, TWO LANES SHALL BE OPEN TO VEHICULAR TRAFFIC AND WITH A MINIMUM TOTAL WIDTH OF 18 FEET.
- PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.
- PEDESTRIAN TRAFFIC SHALL BE AVAILABLE ALONG AT LEAST ONE SIDE OF THE STREET AT ALL TIMES. THE PEDESTRIAN PATHWAY SHALL BE CLEARLY MARKED AND SHALL SATISFY THE REQUIREMENTS AS DESCRIBED IN THE SPECIAL PROVISIONS.

ATTACHMENT B

CATCH BASIN FRAME AND GRATE TABLE	
CATCH BASIN No.	EAST JORDAN IRON WORKS, OLYMPIC FOUNDRY CO., CBJ STANDARD No., OR APPROVED EQUAL
CB-1	OF SM18
CB-2	OF MH34SC
CB-3	OF MH34SC
CB-4	OF MH34SC
CB-5	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-6	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-7	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-8	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-9	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-10	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-11	OF MH34SC
CB-12	OF MH34SC
CB-13	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-14	OF MH34SC
CB-15	OF MH34SC
CB-16	OF MH34SC
CB-17	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CB-18	OF MH34SC
CB-19	EJIW 7701 T2 HOOD W/ 7700 M3 GRATE
CATCH BASIN TOP SLAB OPENINGS SHALL BE DIMENSIONED TO FIT THE FRAME DIMENSIONS. ALL COVERS SHALL BE HEAVY DUTY CONSTRUCTION AND BICYCLE SAFE. ALL FRAMES AND GRATES SHALL BE DUCTILE IRON.	
LOCAL FLOW LINE DEPRESSION AT CATCH BASIN SHALL BE ¾ INCH, WITH 36" TRANSITIONS TO EACH SIDE OF FRAME, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.	

RECONSTRUCT MAILBOX TABLE		
HOUSE NUMBER (GULL WAY)	LOCATION	COMMENTS
6042	11+17 LT	SINGLE
6041/6040	11+18 LT	GANG
6039	11+69 LT	SINGLE
6038/6037	11+70 LT	GANG
6036/6035	12+35 LT	GANG
6034/6033	12+87 LT	GANG
6032/6031	13+32 LT	GANG
6030/6029	13+75 LT	GANG
6028	14+24 LT	SINGLE
6027/6026	14+69 LT	GANG
6024	15+16 LT	SINGLE
6022	15+62 LT	SINGLE
6020	15+98 LT	SINGLE
6018	16+56 LT	SINGLE
6015/6016	16+92 LT	GANG
6014	17+61 LT	SINGLE
6013/6012	17+62 LT	GANG
6011/6010	18+16 LT	GANG
6009	18+76 LT	SINGLE
6008/6007	18+77 LT	GANG
6006/6005	19+36 LT	GANG
6004/6003	19+82 LT	GANG
6002	20+08 LT	SINGLE
6001/6000	20+52 LT	GANG
STATION AND OFFSET LOCATIONS ARE GIVEN TO THE FRONT CENTER FACE OF THE MAILBOX. THE CONTRACTOR SHALL STAKE MAILBOX POST LOCATION, AFTER STREET PAVING IS COMPLETE, FOR APPROVAL BY THE ENGINEER.		
REINSTALL EXISTING MAILBOX AND NEWSPAPER RECEPTACLES TO NEW POST ASSEMBLIES. IF THE RECEPTACLES ARE DAMAGED BY THE CONTRACTOR, NEW RECEPTACLES OF SAME SIZE AND COLOR AND NEW HOUSE NUMBERS SHALL BE PROVIDED BY THE CONTRACTOR.		
GANG MAILBOX ASSEMBLIES SHALL BE MEASURED FOR PAYMENT UNDER PAY ITEM 2719.1. RECONSTRUCT MAILBOX, AS ONE PAY UNIT.		
MAIL DELIVERY SERVICE SHALL NOT BE INTERRUPTED AND ACCESS TO EACH MAILBOX RECEPTACLE SHALL BE AVAILABLE TO THE UNITED STATES POSTAL SERVICE AND THE RESIDENTS AT ALL TIMES.		
EXISTING MAILBOXES THAT ARE MOVED BY THE CONTRACTOR SHALL HAVE TEMPORARY SUPPORTS PROVIDED AS REQUIRED FOR CONTINUED USAGE.		

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DEPARTMENT OF ENGINEERING

EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025

TRAFFIC CONTROL NOTES,
TABLES, AND PAVING
SEQUENCE REQUIREMENTS

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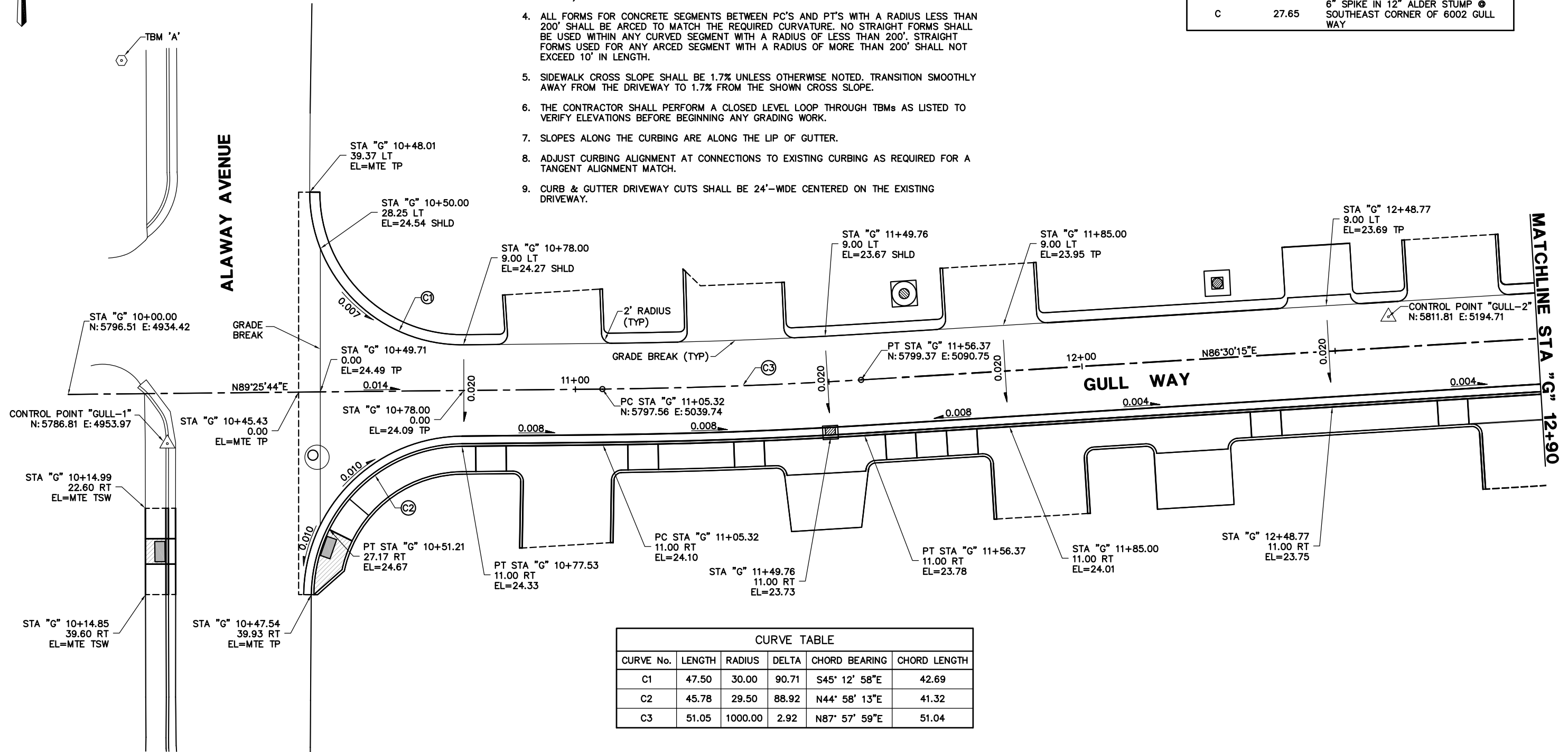
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NOTES

1. STATIONS, OFFSETS, ELEVATIONS AND CURVE INFORMATION ALONG CURBING ARE TO TOP BACK OF CURB (TBC), UNLESS OTHERWISE NOTED. TOP OF PAVEMENT ARE TP. TOP OF SIDEWALK ARE TSW. TOP BACK OF VALLEY GUTTER ARE TBG.
2. SEE TYPICAL SECTIONS FOR OTHER GRADING INFORMATION.
3. ESTABLISH VERTICAL CURVES AS NECESSARY FOR A SMOOTH ALIGNMENT (NO ANGLE POINTS) BY VISUALLY ALIGNING TOP OF CURB THROUGH VERTICAL CONTROL POINTS.
4. ALL FORMS FOR CONCRETE SEGMENTS BETWEEN PC'S AND PT'S WITH A RADIUS LESS THAN 200' SHALL BE ARCED TO MATCH THE REQUIRED CURVATURE. NO STRAIGHT FORMS SHALL BE USED WITHIN ANY CURVED SEGMENT WITH A RADIUS OF LESS THAN 200'. STRAIGHT FORMS USED FOR ANY ARCED SEGMENT WITH A RADIUS OF MORE THAN 200' SHALL NOT EXCEED 10' IN LENGTH.
5. SIDEWALK CROSS SLOPE SHALL BE 1.7% UNLESS OTHERWISE NOTED. TRANSITION SMOOTHLY AWAY FROM THE DRIVEWAY TO 1.7% FROM THE SHOWN CROSS SLOPE.
6. THE CONTRACTOR SHALL PERFORM A CLOSED LEVEL LOOP THROUGH TBM's AS LISTED TO VERIFY ELEVATIONS BEFORE BEGINNING ANY GRADING WORK.
7. SLOPES ALONG THE CURBING ARE ALONG THE LIP OF GUTTER.
8. ADJUST CURBING ALIGNMENT AT CONNECTIONS TO EXISTING CURBING AS REQUIRED FOR A TANGENT ALIGNMENT MATCH.
9. CURB & GUTTER DRIVEWAY CUTS SHALL BE 24'-WIDE CENTERED ON THE EXISTING DRIVEWAY.

VERTICAL CONTROL		
TBM No.	ELEVATION	DESCRIPTION
A	24.73	SPIKE IN POWER POLE ON ALAWAY AVE
B	24.17	NORTHEAST BOLT ON LUMINAIRE @ BRITTANY PLACE AND GULL WAY
C	27.65	6" SPIKE IN 12" ALDER STUMP @ SOUTHEAST CORNER OF 6002 GULL WAY



ATTACHMENT B



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**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**HORIZONTAL AND VERTICAL CONTROL
CURB AND GUTTER LAYOUT AND GRADES
ALAWAY AVE TO STA "G" 12+90**

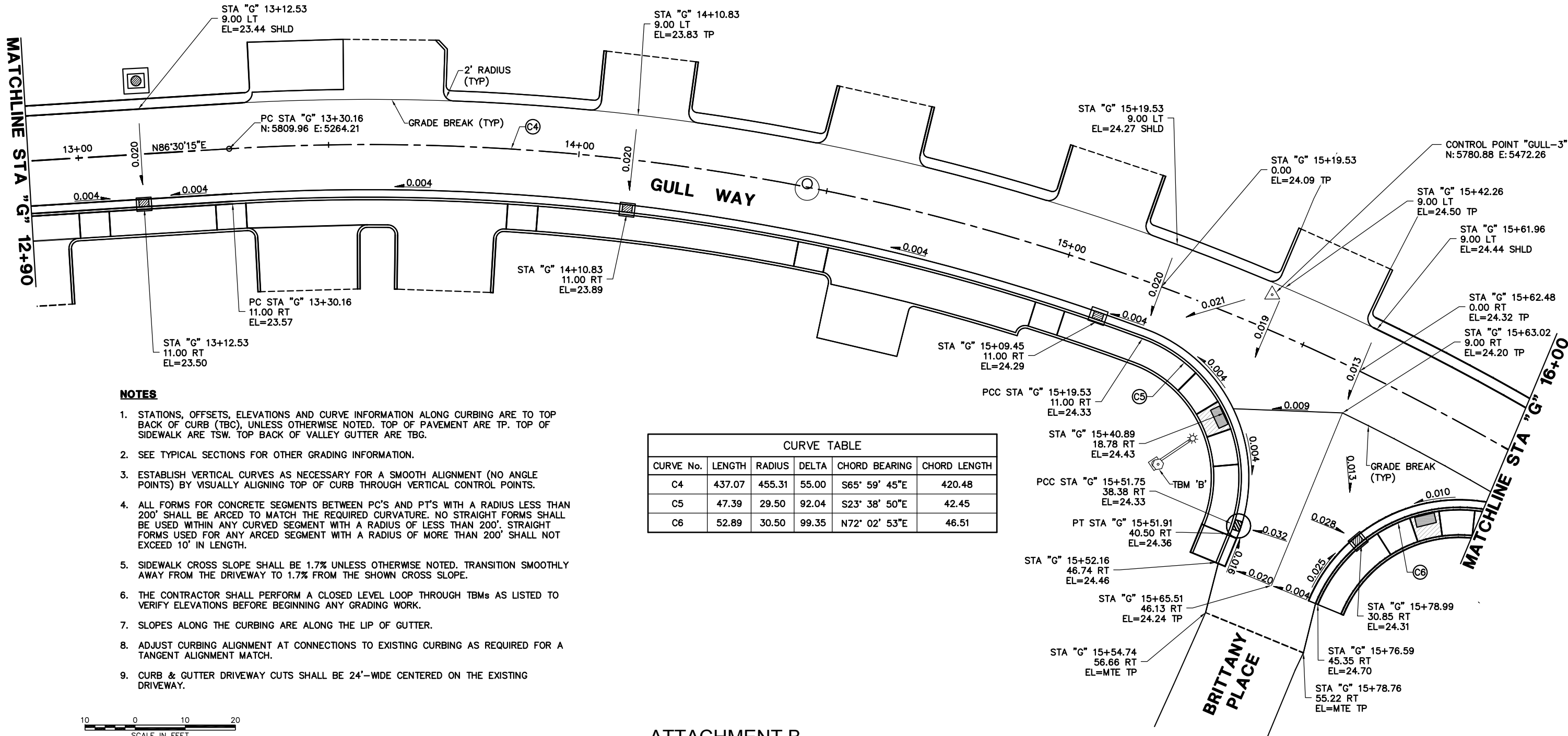
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VERTICAL CONTROL		
TBM No.	ELEVATION	DESCRIPTION
A	24.73	SPIKE IN POWER POLE ON ALAWAY AVE
B	24.17	NORTHEAST BOLT ON LUMINAIRE @ BRITTANY PLACE AND GULL WAY
C	27.65	6" SPIKE IN 12" ALDER STUMP @ SOUTHEAST CORNER OF 6002 GULL WAY



NOTES

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- SEE TYPICAL SECTIONS FOR OTHER GRADING INFORMATION.
- ESTABLISH VERTICAL CURVES AS NECESSARY FOR A SMOOTH ALIGNMENT (NO ANGLE POINTS) BY VISUALLY ALIGNING TOP OF CURB THROUGH VERTICAL CONTROL POINTS.
- ALL FORMS FOR CONCRETE SEGMENTS BETWEEN PC'S AND PT'S WITH A RADIUS LESS THAN 200' SHALL BE ARCED TO MATCH THE REQUIRED CURVATURE. NO STRAIGHT FORMS SHALL BE USED WITHIN ANY CURVED SEGMENT WITH A RADIUS OF LESS THAN 200'. STRAIGHT FORMS USED FOR ANY ARCED SEGMENT WITH A RADIUS OF MORE THAN 200' SHALL NOT EXCEED 10' IN LENGTH.
- SIDEWALK CROSS SLOPE SHALL BE 1.7% UNLESS OTHERWISE NOTED. TRANSITION SMOOTHLY AWAY FROM THE DRIVEWAY TO 1.7% FROM THE SHOWN CROSS SLOPE.
- THE CONTRACTOR SHALL PERFORM A CLOSED LEVEL LOOP THROUGH TBMs AS LISTED TO VERIFY ELEVATIONS BEFORE BEGINNING ANY GRADING WORK.
- SLOPES ALONG THE CURBING ARE ALONG THE LIP OF GUTTER.
- ADJUST CURBING ALIGNMENT AT CONNECTIONS TO EXISTING CURBING AS REQUIRED FOR A TANGENT ALIGNMENT MATCH.
- CURB & GUTTER DRIVEWAY CUTS SHALL BE 24'-WIDE CENTERED ON THE EXISTING DRIVEWAY.

CURVE TABLE

CURVE No.	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C4	437.07	455.31	55.00	S65° 59' 45"E	420.48
C5	47.39	29.50	92.04	S23° 38' 50"E	42.45
C6	52.89	30.50	99.35	N72° 02' 53"E	46.51



ATTACHMENT B

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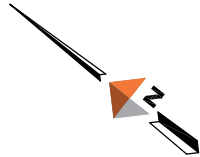
**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
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CONTRACT NO. E15-025**

**HORIZONTAL AND VERTICAL CONTROL
CURB AND GUTTER LAYOUT AND GRADES
STA "G" 12+90 TO STA "G" 16+00**

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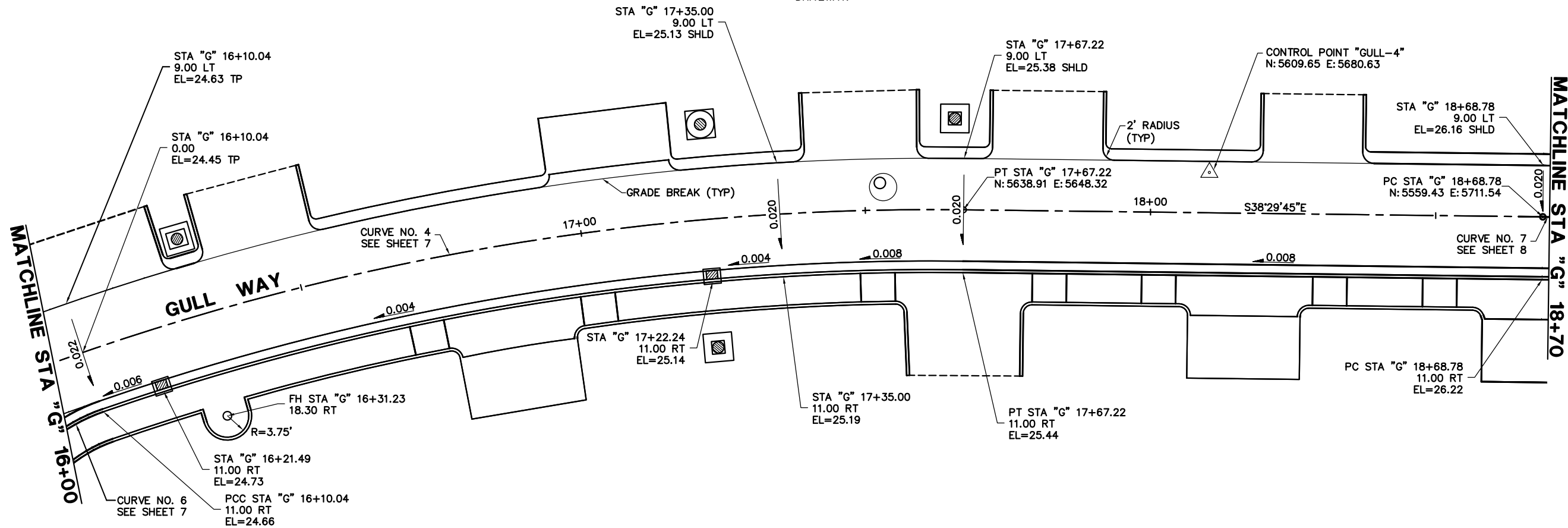
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VERTICAL CONTROL		
TBM No.	ELEVATION	DESCRIPTION
A	24.73	SPIKE IN POWER POLE ON ALAWAY AVE
B	24.17	NORTHEAST BOLT ON LUMINAIRE Ⓢ BRITTANY PLACE AND GULL WAY
C	27.65	6" SPIKE IN 12" ALDER STUMP Ⓢ SOUTHEAST CORNER OF 6002 GULL WAY

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ATTACHMENT B

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WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**HORIZONTAL AND VERTICAL CONTROL
CURB AND GUTTER LAYOUT AND GRADES
STA "G" 16+00 TO STA "G" 18+70**

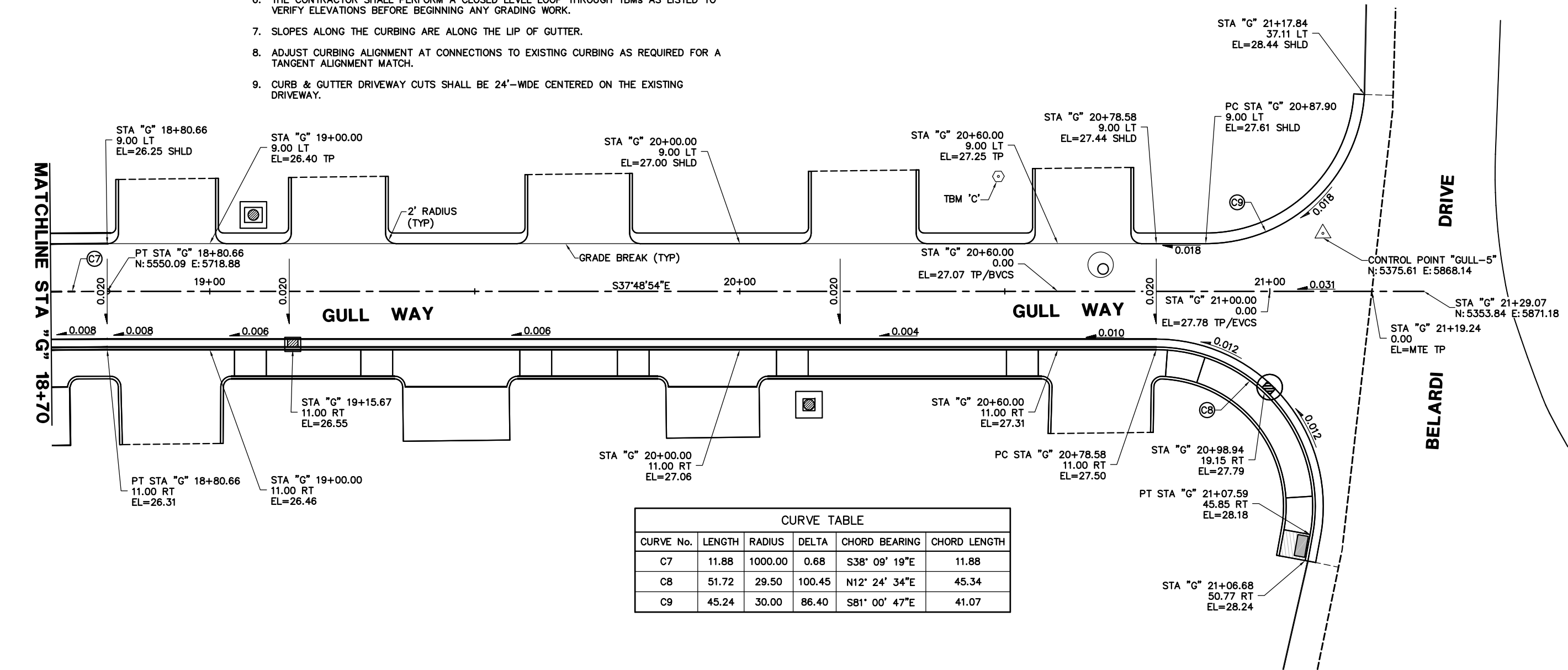
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4. ALL FORMS FOR CONCRETE SEGMENTS BETWEEN PC'S AND PT'S WITH A RADIUS LESS THAN 200' SHALL BE ARCED TO MATCH THE REQUIRED CURVATURE. NO STRAIGHT FORMS SHALL BE USED WITHIN ANY CURVED SEGMENT WITH A RADIUS OF LESS THAN 200'. STRAIGHT FORMS USED FOR ANY ARCED SEGMENT WITH A RADIUS OF MORE THAN 200' SHALL NOT EXCEED 10' IN LENGTH.
5. SIDEWALK CROSS SLOPE SHALL BE 1.7% UNLESS OTHERWISE NOTED. TRANSITION SMOOTHLY AWAY FROM THE DRIVEWAY TO 1.7% FROM THE SHOWN CROSS SLOPE.
6. THE CONTRACTOR SHALL PERFORM A CLOSED LEVEL LOOP THROUGH TBM's AS LISTED TO VERIFY ELEVATIONS BEFORE BEGINNING ANY GRADING WORK.
7. SLOPES ALONG THE CURBING ARE ALONG THE LIP OF GUTTER.
8. ADJUST CURBING ALIGNMENT AT CONNECTIONS TO EXISTING CURBING AS REQUIRED FOR A TANGENT ALIGNMENT MATCH.
9. CURB & GUTTER DRIVEWAY CUTS SHALL BE 24'-WIDE CENTERED ON THE EXISTING DRIVEWAY.

VERTICAL CONTROL		
TBM No.	ELEVATION	DESCRIPTION
A	24.73	SPIKE IN POWER POLE ON ALAWAY AVE
B	24.17	NORTHEAST BOLT ON LUMINAIRE @ BRITTANY PLACE AND GULL WAY
C	27.65	6" SPIKE IN 12" ALDER STUMP @ SOUTHEAST CORNER OF 6002 GULL WAY



ATTACHMENT B

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**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**HORIZONTAL AND VERTICAL CONTROL
CURB AND GUTTER LAYOUT AND GRADES
STA "G" 18+70 TO BELARDI DRIVE**

SHEET NO.

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of
19

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NOTES

1. PROVIDE ALL ADAPTORS, ELBOWS, AND OTHER FITTINGS NECESSARY TO CONNECT TO DISSIMILAR PIPE SIZES, MATERIAL, AND DEPTHS. CONNECT TO EXISTING.
2. PIPE LENGTHS ARE MEASURED ALONG SLOPE FROM CENTER TO CENTER OF STRUCTURES. SLOPES ARE CALCULATED TO ENDS OF PIPE.
3. ALL DRIVEWAY CULVERTS SHALL HAVE CONCRETE HEADWALLS.
4. SALVAGE AND REINSTALL ALL PAVERS, PLANTERS, AND/OR ROCKERY THAT IS DISTURBED DURING EXCAVATION OPERATIONS.

MH-1, EXISTING TYPE I*	
STA "G" 10+48.9, 12.9 RT	
EXISTING COVER	EL=24.50
FG	EL=24.50
INV 8"PVC (IN SOUTH)	EL=14.45
INV 8"PVC (IN EAST)	EL=14.73
INV 8"PVC (OUT NORTH)	EL=14.45
*ADJUST MANHOLE TO GRADE	

CB-1 TYPE III**	
STA "G" 11+49.8, MATCH CURB	
FG	EL=23.17
INV S-1	EL=19.22
INV 6"PVC (ALL)	EL=19.30
**SUMP 12"MAX	

PIPE SUMMARY - STORM DRAINAGE				
PIPE	DIA	LENGTH	TYPE	SLOPE
S-1	12"	30.9	CPP	0.012
S-2	12"	61.8	CPP	0.004
S-3	12"	84.7	CPP	0.004
S-32	15"	106.6	PVC	SLIPLINE

SEE NOTE 2

CB-2 TYPE I*	
STA "G" 11+65.9, 16.5 LT	
FG	EL=22.40
INV S-1	EL=18.90
INV S-2	EL=18.90
INV EXIST 18"CMP	EL=18.74
INV S-32 SLIP LINE	EL=18.80
INV 6"PVC (ALL)	EL=19.50
*W/ AREA DRAIN & CENTERED OPENING	
SUMP 16"MIN	

CB-3 TYPE III*	
STA "G" 12+27.6, 14.8 LT	
FG	EL=22.35
INV S-2	EL=19.14
INV S-3	EL=19.22
INV 6"PVC (ALL)	EL=19.26
*W/ AREA DRAIN	
SUMP 16"MIN	

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**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**GULL WAY - PLAN
ALAWAY AVENUE TO STA "G" 12+90**

SHEET NO.

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of
19**

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MATCHLINE STA "G" 12+90

CB-4 TYPE IV*	
STA "G" 13+12.4, 14.6 LT	
FG	EL=22.65
INV S-3	EL=19.55
INV S-4	EL=19.63
INV S-6	EL=19.63
*W/ AREA DRAIN	
SUMP 16"MIN	

CB-5 TYPE III	
STA "G" 13+12.5, MATCH CURB	
FG	EL=22.94
INV S-4	EL=19.73
INV S-5	EL=19.81
INV 6"PVC (ALL)	EL=20.01
SUMP 16"MIN	

PIPE SUMMARY - STORM DRAINAGE				
PIPE	DIA	LENGTH	TYPE	SLOPE
S-3	SEE SHEET 10			
S-4	12"	24.3	CPP	0.004
S-5	12"	96.5	CPP	0.004
S-6	12"	68.4	CPP	0.023
S-7	12"	31.8	CPP	0.004
S-8	12"	96.4	CPP	0.004
S-9	12"	32.9	CPP	0.004
S-10	12"	32.8	CPP	0.004
S-11	12"	49.3	CPP	0.004
S-12	12"	33.1	CPP	0.004
S-13	12"	17.0	PVC	VARIES
S-14	12"	25.8	CPP	0.004
S-15	12"	19.6	CPP	0.058
SEE NOTE 2				

ATTACHMENT B

CB-6 TYPE III	
STA "G" 14+10.8, MATCH CURB	
FG	EL=23.33
INV S-5	EL=20.19
INV S-8	EL=20.27
INV 6"PVC (ALL)	EL=20.35
SUMP 16"MIN	

CB-7 TYPE III	
STA "G" 15+09.5 MATCH CURB	
FG	EL=23.73
INV S-8	EL=20.66
INV S-11	EL=20.72
INV 6"PVC	EL=20.80
SUMP 16"MIN	

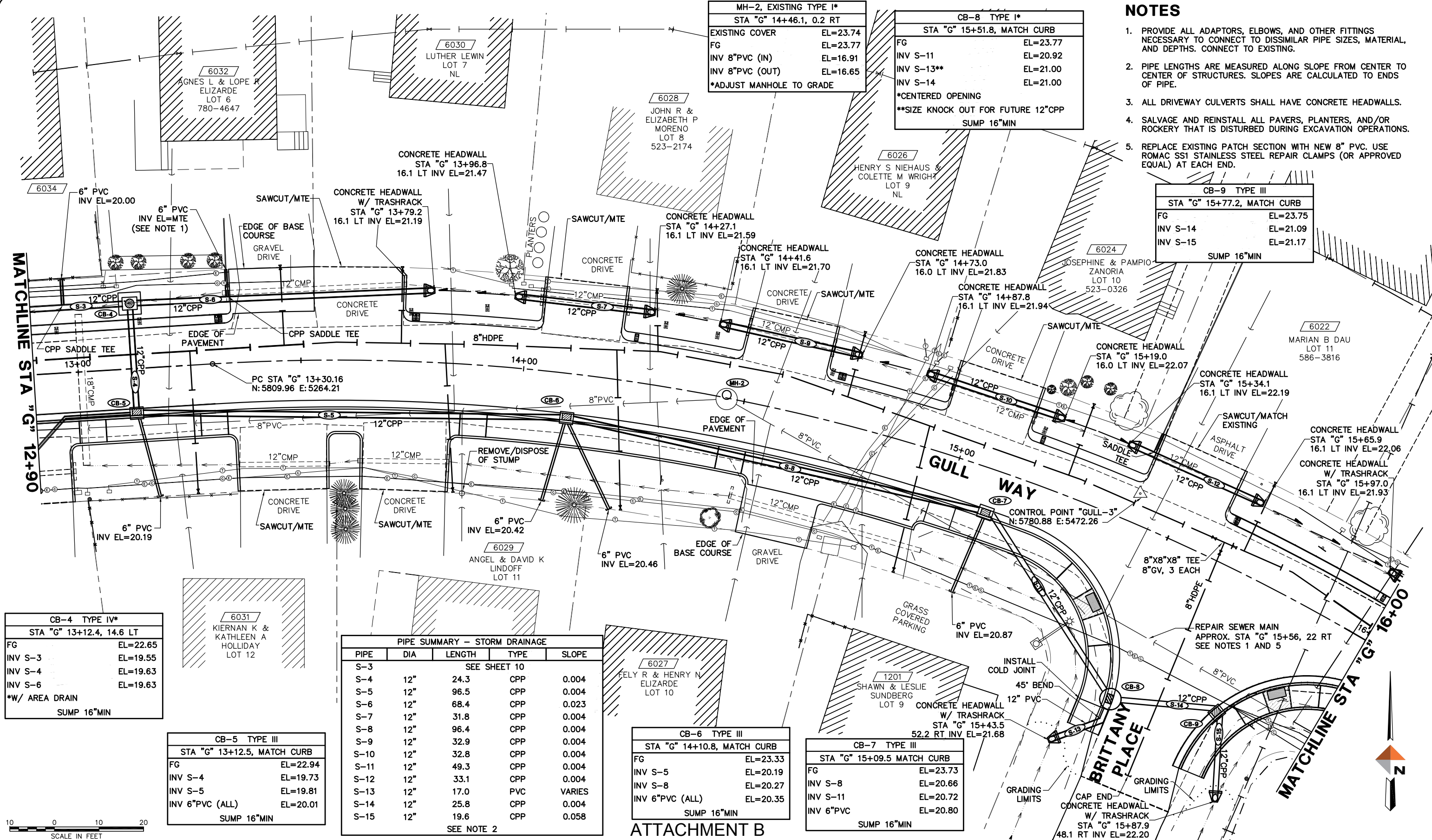
MH-2, EXISTING TYPE I*	
STA "G" 14+46.1, 0.2 RT	
EXISTING COVER	EL=23.74
FG	EL=23.77
INV 8"PVC (IN)	EL=16.91
INV 8"PVC (OUT)	EL=16.65
*ADJUST MANHOLE TO GRADE	

CB-8 TYPE I*	
STA "G" 15+51.8, MATCH CURB	
FG	EL=23.77
INV S-11	EL=20.92
INV S-13**	EL=21.00
INV S-14	EL=21.00
*CENTERED OPENING	
**SIZE KNOCK OUT FOR FUTURE 12"CPP	
SUMP 16"MIN	

CB-9 TYPE III	
STA "G" 15+77.2, MATCH CURB	
FG	EL=23.75
INV S-14	EL=21.09
INV S-15	EL=21.17
SUMP 16"MIN	

NOTES

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2. PIPE LENGTHS ARE MEASURED ALONG SLOPE FROM CENTER TO CENTER OF STRUCTURES. SLOPES ARE CALCULATED TO ENDS OF PIPE.
3. ALL DRIVEWAY CULVERTS SHALL HAVE CONCRETE HEADWALLS.
4. SALVAGE AND REINSTALL ALL PAVERS, PLANTERS, AND/OR ROCKERY THAT IS DISTURBED DURING EXCAVATION OPERATIONS.
5. REPLACE EXISTING PATCH SECTION WITH NEW 8" PVC. USE ROMAC SS1 STAINLESS STEEL REPAIR CLAMPS (OR APPROVED EQUAL) AT EACH END.



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SCALE IN FEET

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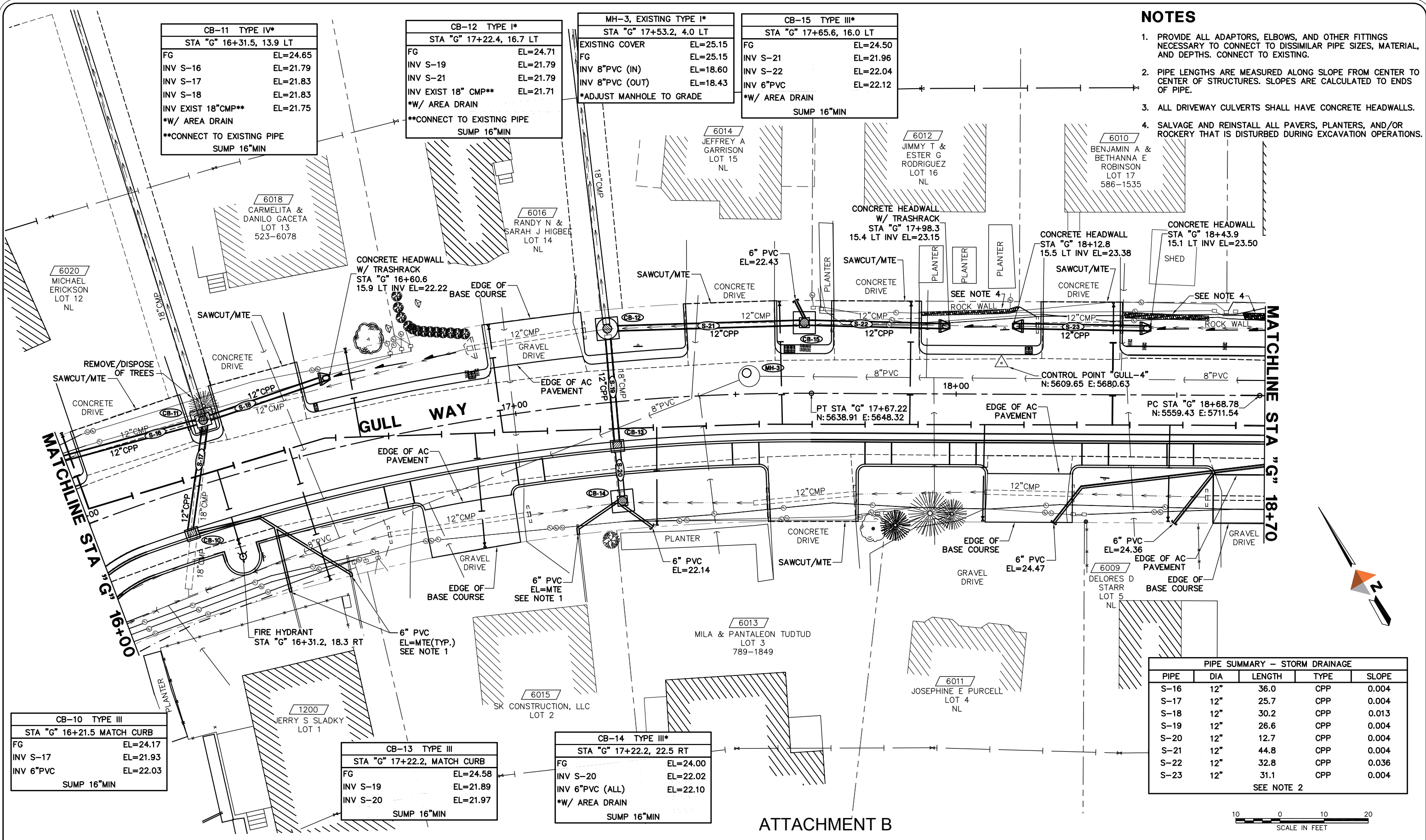
**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**GULL WAY - PLAN
STA "G" 12+90 TO STA "G" 16+00**

SHEET NO.

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19

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- NOTES**
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 2. PIPE LENGTHS ARE MEASURED ALONG SLOPE FROM CENTER TO CENTER OF STRUCTURES. SLOPES ARE CALCULATED TO ENDS OF PIPE.
 3. ALL DRIVEWAY CULVERTS SHALL HAVE CONCRETE HEADWALLS.
 4. SALVAGE AND REINSTALL ALL PAVERS, PLANTERS, AND/OR ROCKERY THAT IS DISTURBED DURING EXCAVATION OPERATIONS.

CB-11 TYPE IV*	
STA "G" 16+31.5, 13.9 LT	
FG	EL=24.65
INV S-16	EL=21.79
INV S-17	EL=21.83
INV S-18	EL=21.83
INV EXIST 18" CMP**	EL=21.75
*W/ AREA DRAIN	
**CONNECT TO EXISTING PIPE	
SUMP 16" MIN	

CB-12 TYPE I*	
STA "G" 17+22.4, 16.7 LT	
FG	EL=24.71
INV S-19	EL=21.79
INV S-21	EL=21.79
INV EXIST 18" CMP**	EL=21.71
*W/ AREA DRAIN	
**CONNECT TO EXISTING PIPE	
SUMP 16" MIN	

MH-3, EXISTING TYPE I*	
STA "G" 17+53.2, 4.0 LT	
EXISTING COVER	EL=25.15
FG	EL=25.15
INV 8" PVC (IN)	EL=18.60
INV 8" PVC (OUT)	EL=18.43
*ADJUST MANHOLE TO GRADE	

CB-15 TYPE III*	
STA "G" 17+65.6, 16.0 LT	
FG	EL=24.50
INV S-21	EL=21.96
INV S-22	EL=22.04
INV 6" PVC	EL=22.12
*W/ AREA DRAIN	
SUMP 16" MIN	

CB-10 TYPE III	
STA "G" 16+21.5 MATCH CURB	
FG	EL=24.17
INV S-17	EL=21.93
INV 6" PVC	EL=22.03
SUMP 16" MIN	

CB-13 TYPE III	
STA "G" 17+22.2, MATCH CURB	
FG	EL=24.58
INV S-19	EL=21.89
INV S-20	EL=21.97
SUMP 16" MIN	

CB-14 TYPE III*	
STA "G" 17+22.2, 22.5 RT	
FG	EL=24.00
INV S-20	EL=22.02
INV 6" PVC (ALL)	EL=22.10
*W/ AREA DRAIN	
SUMP 16" MIN	

PIPE SUMMARY - STORM DRAINAGE				
PIPE	DIA	LENGTH	TYPE	SLOPE
S-16	12"	36.0	CPP	0.004
S-17	12"	25.7	CPP	0.004
S-18	12"	30.2	CPP	0.013
S-19	12"	26.6	CPP	0.004
S-20	12"	12.7	CPP	0.004
S-21	12"	44.8	CPP	0.004
S-22	12"	32.8	CPP	0.036
S-23	12"	31.1	CPP	0.004
SEE NOTE 2				


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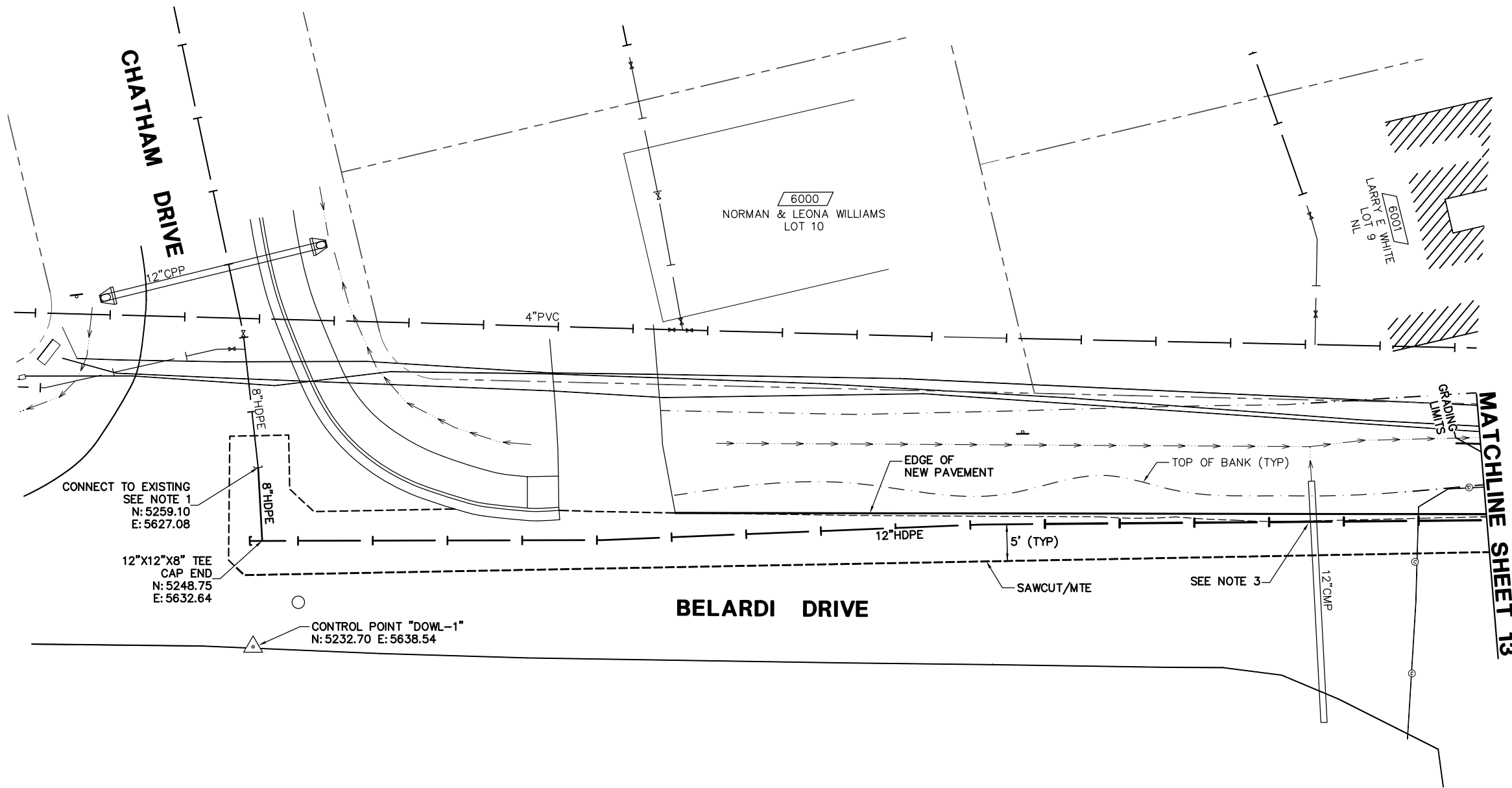
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DEPARTMENT OF ENGINEERING

**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**GULL WAY - PLAN
STA "G" 16+00 TO STA "G" 18+70**

SHEET NO.
12
of
19



NOTES

1. PROVIDE ALL ADAPTORS, ELBOWS, AND OTHER FITTINGS NECESSARY TO CONNECT TO DISSIMILAR PIPE SIZES, MATERIAL, AND DEPTHS. CONNECT TO EXISTING.
2. NORTHING AND EASTING COORDINATES SHOWN FOR REFERENCE ONLY. ACTUALLY FIELD LOCATIONS MAY VARY.
3. NEW 12" HDPE WATER MAIN TO PASS MINIMUM 18" BELOW EXISTING CULVERT. CUT AND PATCH EXISTING CULVERT AS NEEDED, MAINTAIN EXISTING OUTFALL ELEVATION.



ATTACHMENT B

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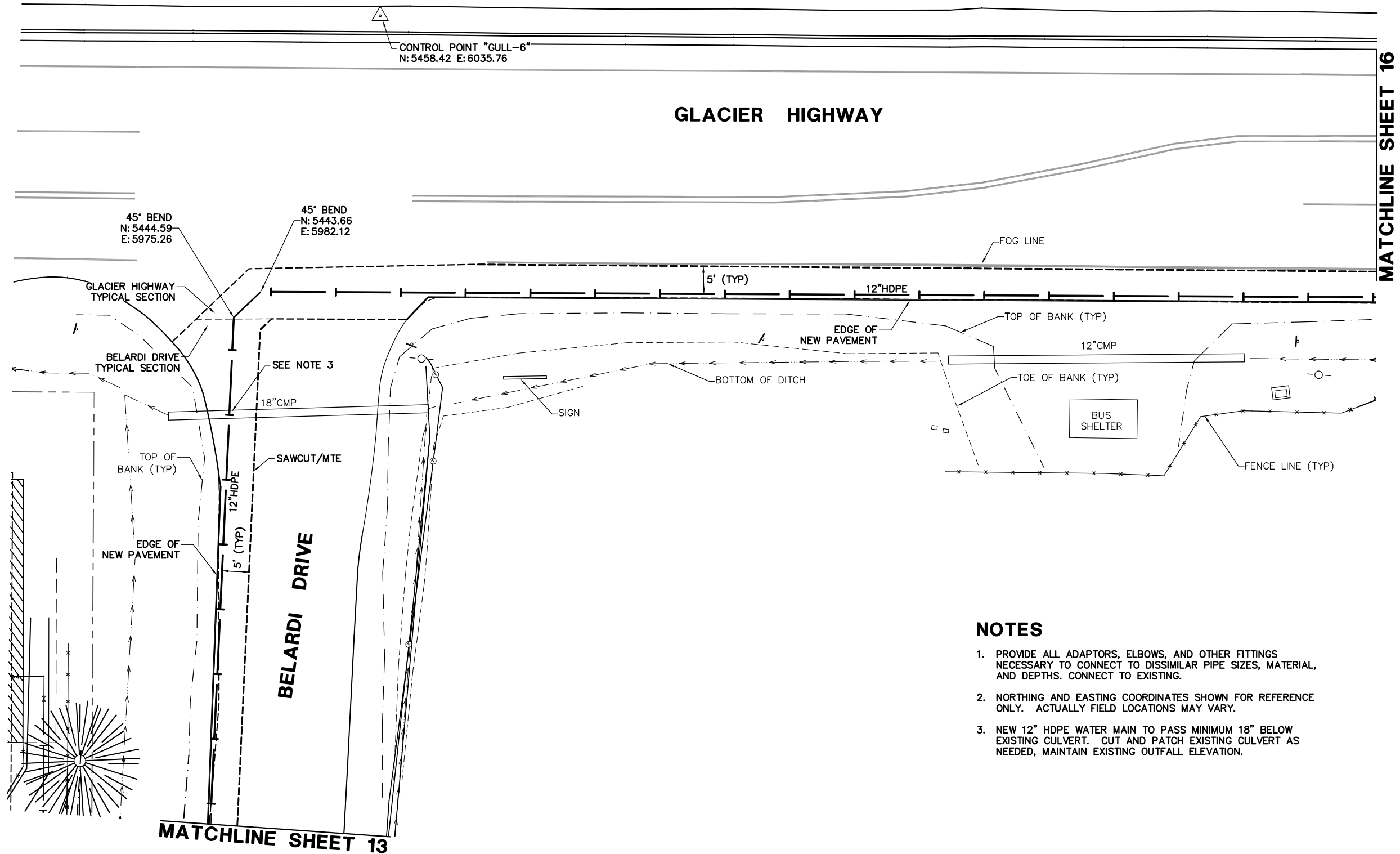
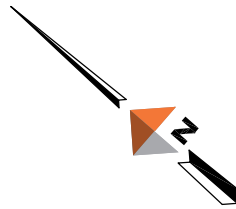
**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**WATER MAIN - PLAN
CHATHAM DRIVE TO GULL WAY**

SHEET NO.

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of
19**

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NOTES

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3. NEW 12" HDPE WATER MAIN TO PASS MINIMUM 18" BELOW EXISTING CULVERT. CUT AND PATCH EXISTING CULVERT AS NEEDED, MAINTAIN EXISTING OUTFALL ELEVATION.



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**EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**WATER MAIN - PLAN
GULL WAY TO GLACIER HIGHWAY**

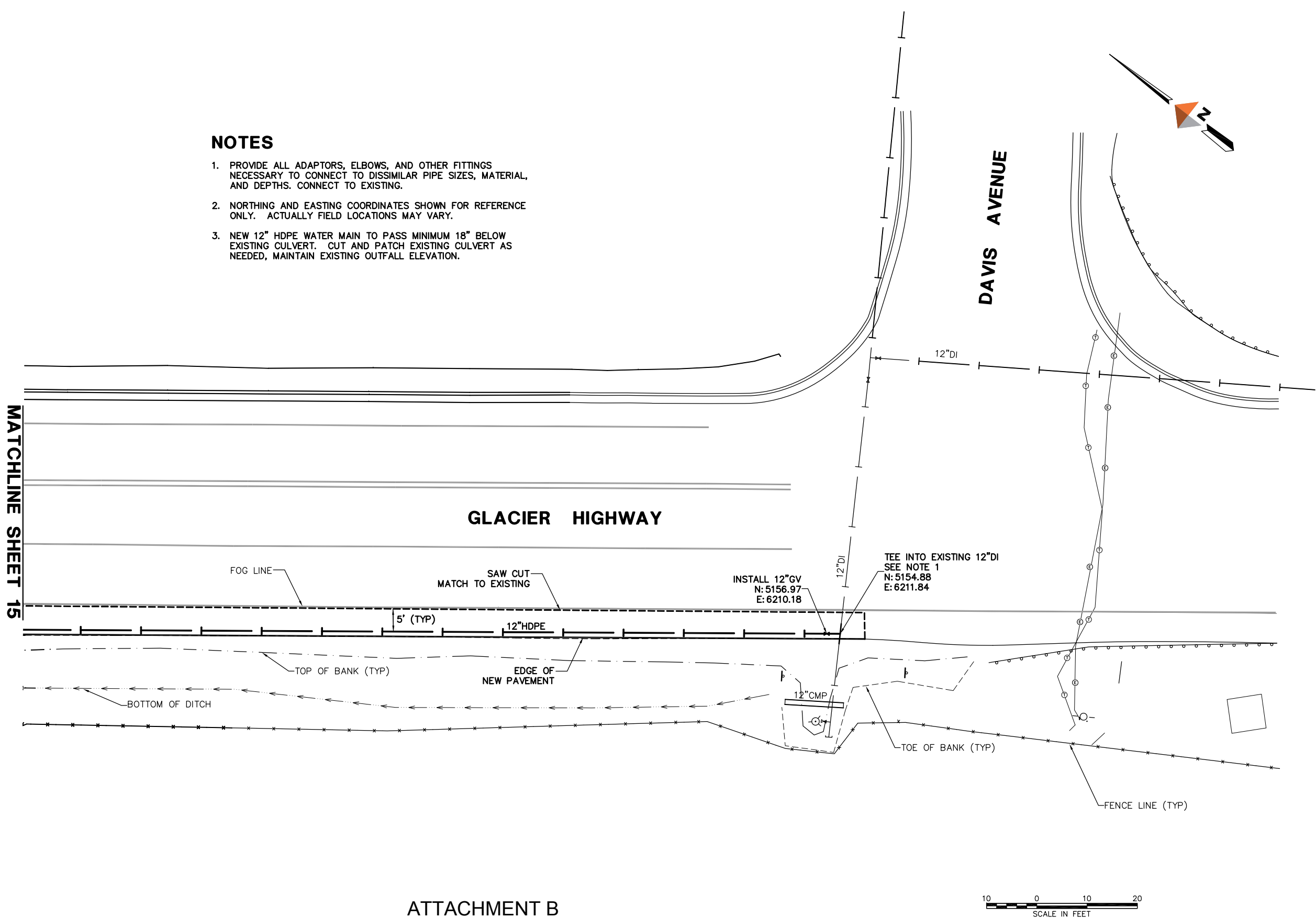
SHEET NO.

**15
of
19**

MATCHLINE SHEET 15

NOTES

1. PROVIDE ALL ADAPTORS, ELBOWS, AND OTHER FITTINGS NECESSARY TO CONNECT TO DISSIMILAR PIPE SIZES, MATERIAL, AND DEPTHS. CONNECT TO EXISTING.
2. NORTHING AND EASTING COORDINATES SHOWN FOR REFERENCE ONLY. ACTUALLY FIELD LOCATIONS MAY VARY.
3. NEW 12" HDPE WATER MAIN TO PASS MINIMUM 18" BELOW EXISTING CULVERT. CUT AND PATCH EXISTING CULVERT AS NEEDED, MAINTAIN EXISTING OUTFALL ELEVATION.



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PHASE II
CONTRACT NO. E15-025**

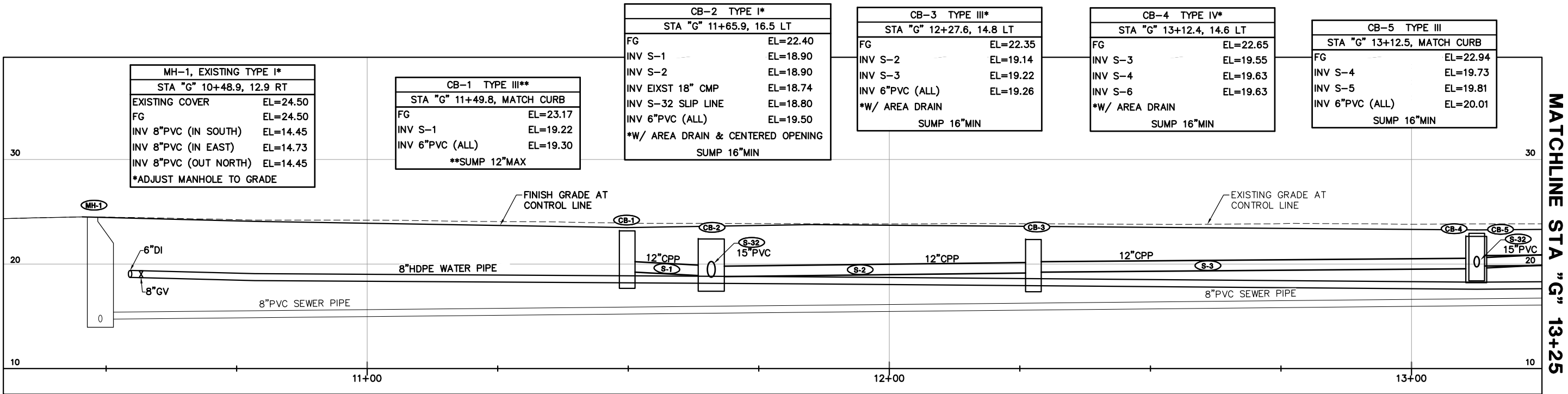
**WATER MAIN - PLAN
GLACIER HIGHWAY TO DAVIS AVENUE**

SHEET NO.

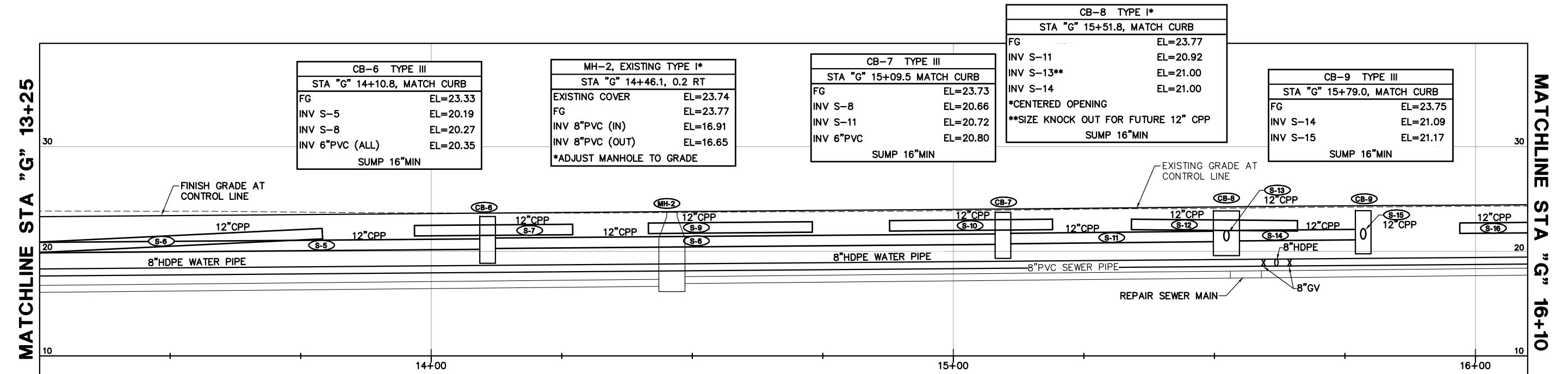
**16
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19**

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MATCHLINE STA "G" 13+25



MATCHLINE STA "G" 13+25



MATCHLINE STA "G" 16+10

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PHASE II
CONTRACT NO. E15-025**

**GULL WAY - PROFILE
ALAWAY AVENUE TO STA "G" 16+10**

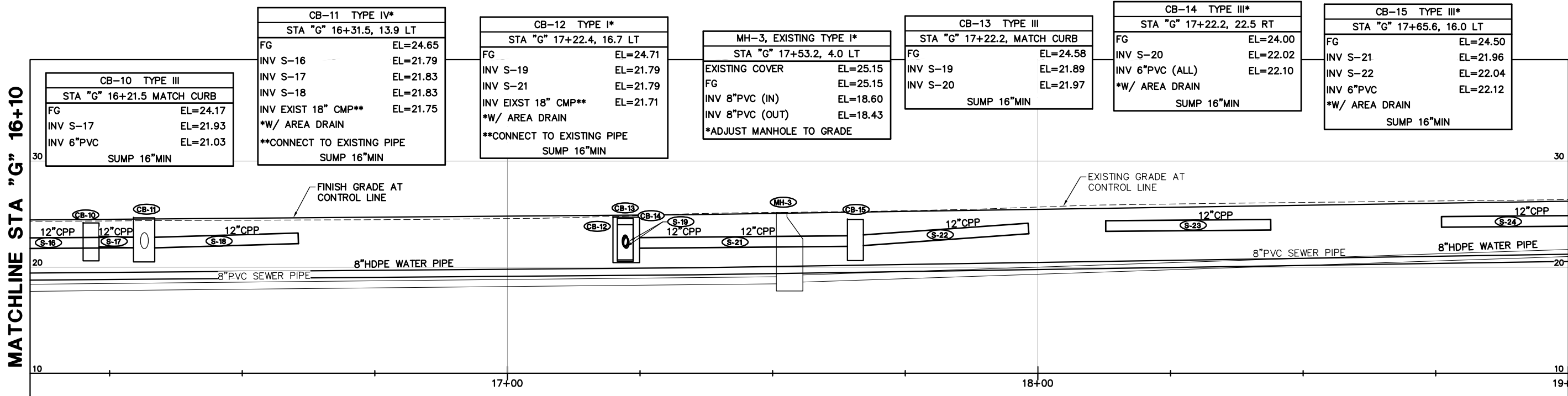
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of
19**

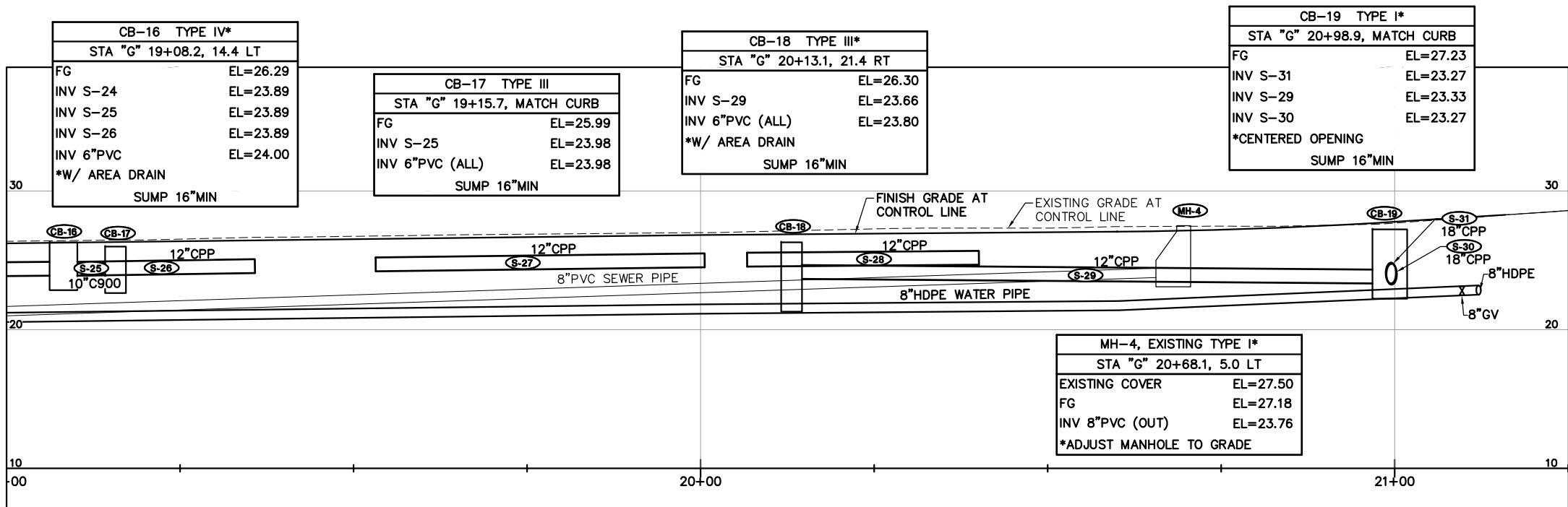
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MATCHLINE STA "G" 16+10

MATCHLINE STA "G" 19+00



MATCHLINE STA "G" 19+00



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WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025**

**GULL WAY - PROFILE
STA "G" 16+10 TO BELARDI DRIVE**

SHEET NO.

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of
19**

TRAFFIC CONTROL NOTES:

1. THE TRAFFIC CONTROL PLAN (TCP) SHOWN IS INTENDED TO BE USED AS A GUIDE FOR THE CONTRACTOR IN HIS/HER PREPARATION OF HIS TCP. THE CONTRACTOR SHALL SUBMIT THE TCP TO THE ENGINEER WITH THE D.O.T.&P.F. RIGHT-OF-WAY PERMIT APPLICATION. CONTRACTOR RESPONSIBLE FOR OBTAINING D.O.T. & P.F. RIGHT-OF-WAY/LANE CLOSURE PERMITS.

2. TAPER LENGTHS SHALL BE AS SHOWN FOR THE GIVEN OFFSETS. IF DIFFERENT OFFSETS ARE USED, TAPER LENGTHS SHALL BE COMPUTED USING THE FOLLOWING FORMULA:

WHERE: $L = S \times W$
 L = MINIMUM LENGTH OF TAPER IN FEET
 S = POSTED SPEED LIMIT
 W = WIDTH OF OFFSET

3. ALL TRAFFIC CONTROL ELEMENTS SHALL BE MAINTAINED 24 HOURS A DAY. DURING NON-CONSTRUCTION HOURS THE GLACIER HIGHWAY WILL NEED TO BE OPEN TO TWO-LANE TRAFFIC.

4. ALL CONSTRUCTION SIGNING SHALL REMAIN IN PLACE UNTIL THE CONDITIONS IN WHICH THEY DELINEATE NO LONGER EXIST.

5. THE CONTRACTOR SHALL CONDUCT OPERATIONS TO MINIMIZE INTERFERENCE WITH TRAFFIC ON GLACIER HIGHWAY.

6. THE CONTRACTOR SHALL PROVIDE VEHICULAR ACCESS AT ALL TIMES THROUGH THE WORK ZONES ALONG GLACIER HIGHWAY AND TO DRIVEWAYS.

7. TEMPORARY PAVEMENT TRANSITIONS SHALL BE CONSTRUCTED AT ALL VERTICAL DROPS OF 1-1/2" OR GREATER IN THE TRAVEL LANE.

8. TRAFFIC CONES SHALL BE 28" HIGH AND SPACED AS PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, BUT NOT MORE THAN A 50' SPACING.

9. ALL PERMANENT CONSTRUCTION SIGNING SHALL BE POST MOUNTED.

10. DRIVING LANES THROUGH WORK AREAS SHALL BE A MINIMUM WIDTH OF 11'.

11. TWO LANE TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING NON WORKING HOURS.

12. CHANNELIZATION DEVICES, IF USED AT NIGHT, SHALL BE RETRO REFLECTIVE IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE ALASKA TRAFFIC MANUAL (US DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND ALASKA SUPPLEMENT).

13. THE CONTRACTOR SHALL GIVE 24 HOURS ADVANCE NOTICE TO PROPERTY OWNERS AND ENGINEER BEFORE WORKING ON DRIVEWAYS.

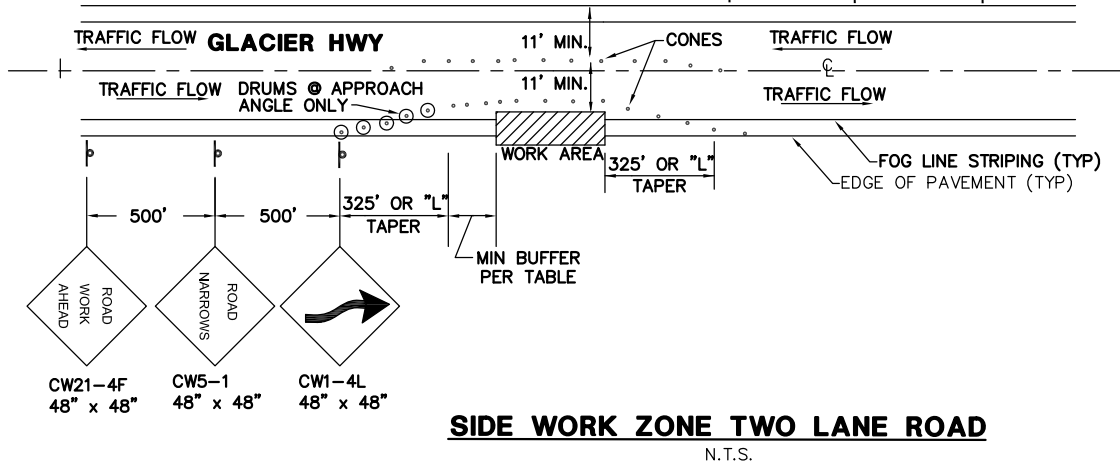
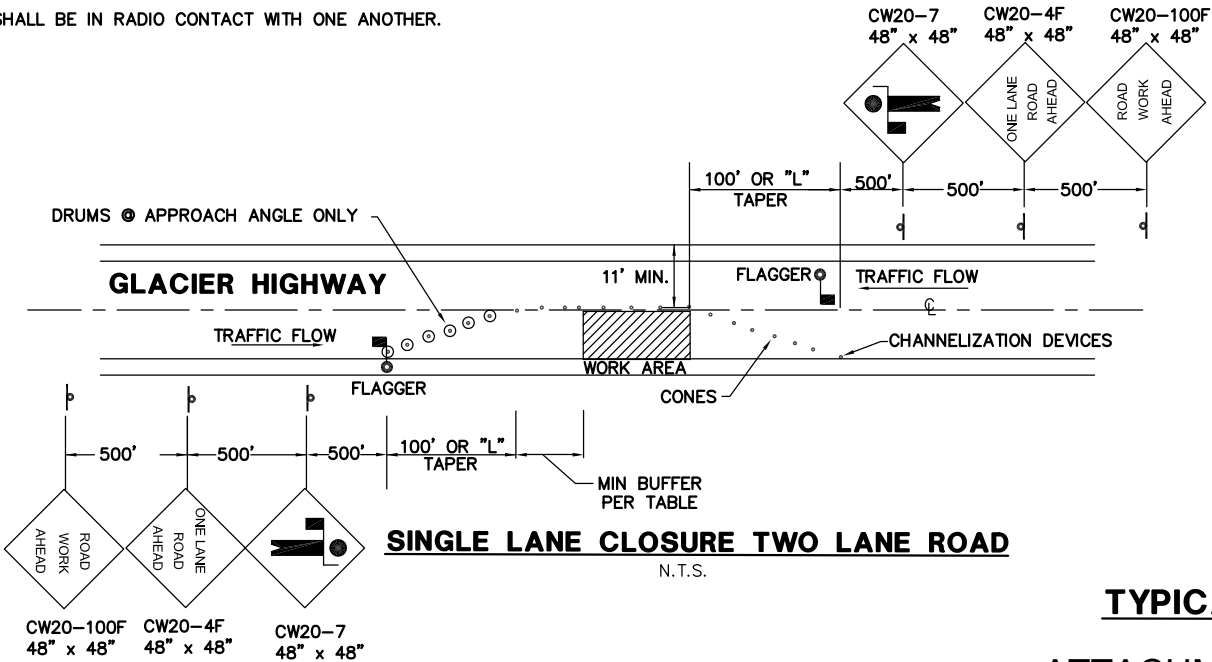
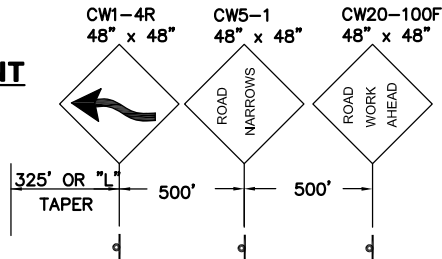
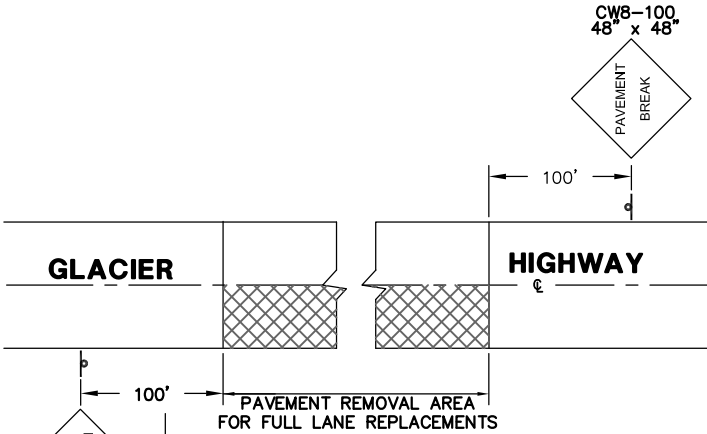
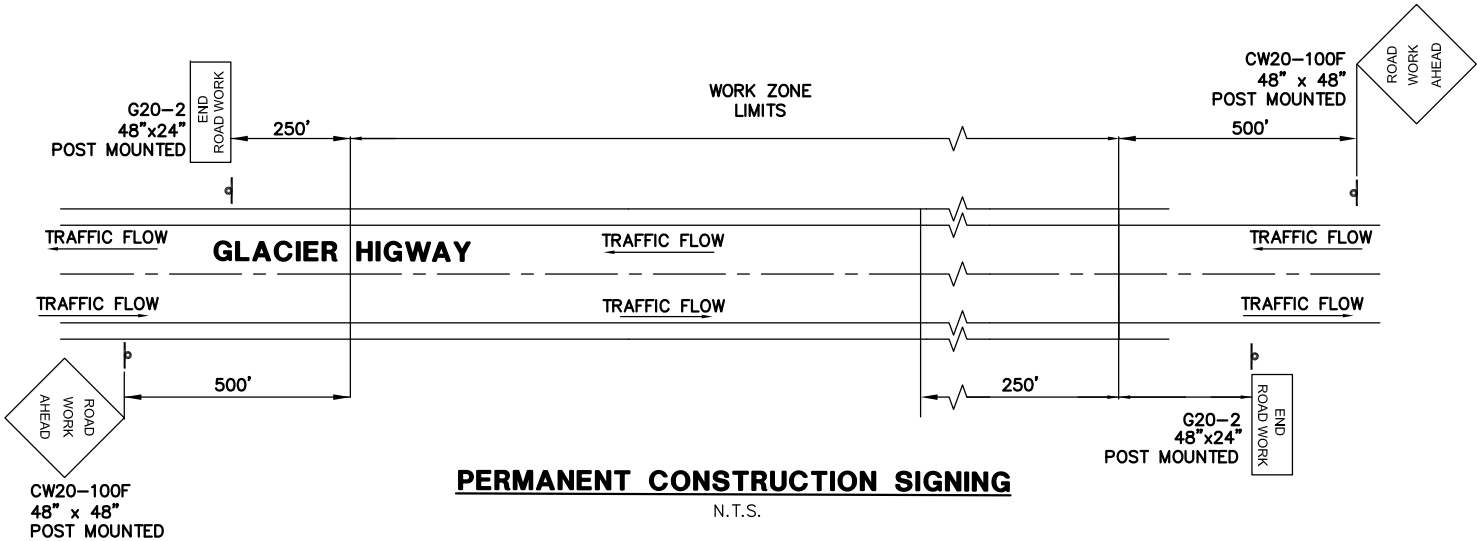
14. THE CONTRACTOR SHALL GIVE 24 HOURS ADVANCE NOTICE TO THE PUBLIC AND EMERGENCY SERVICES FOR THE CLOSURE OF LANES REQUIRED FOR THE PROJECT.

15. THE MAXIMUM LENGTH OF A ONE LANE, TWO-WAY WORK ZONE (FLAGGER SETUP) SHALL BE RESTRICTED BY THE LENGTH OF VEHICLE STOP TIME AND THE LENGTH OF STACKING TRAFFIC. IF VEHICLE STOP TIME EXCEEDS THREE (3) MINUTES AND/OR IF STACKING TRAFFIC IS DISRUPTING THE NORMAL TRAFFIC FLOW THROUGH INTERSECTIONS, THE CONTRACTOR SHALL SHORTEN HIS/HER WORK ZONE OR RESCHEDULE HIS/HER WORK TO A LESS BUSY HOUR.

16. FLAGGERS SHALL BE IN RADIO CONTACT WITH ONE ANOTHER.

TRAFFIC CONTROL LEGEND	
○	TRAFFIC CONE
I	TYPE II BARRICADE
⌐	SIGN
⊙	DRUM
⚑	FLAGGING STATION

STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED	
SPEED(MPH)	DISTANCE(FEET)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



TYPICAL WORK ZONE TRAFFIC CONTROL DETAILS

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CITY/BOROUGH OF JUNEAU
ALASKA'S CAPITAL CITY

DEPARTMENT OF ENGINEERING

EAGLE'S EDGE SUBDIVISION
WATER SYSTEM IMPROVEMENTS,
PHASE II
CONTRACT NO. E15-025

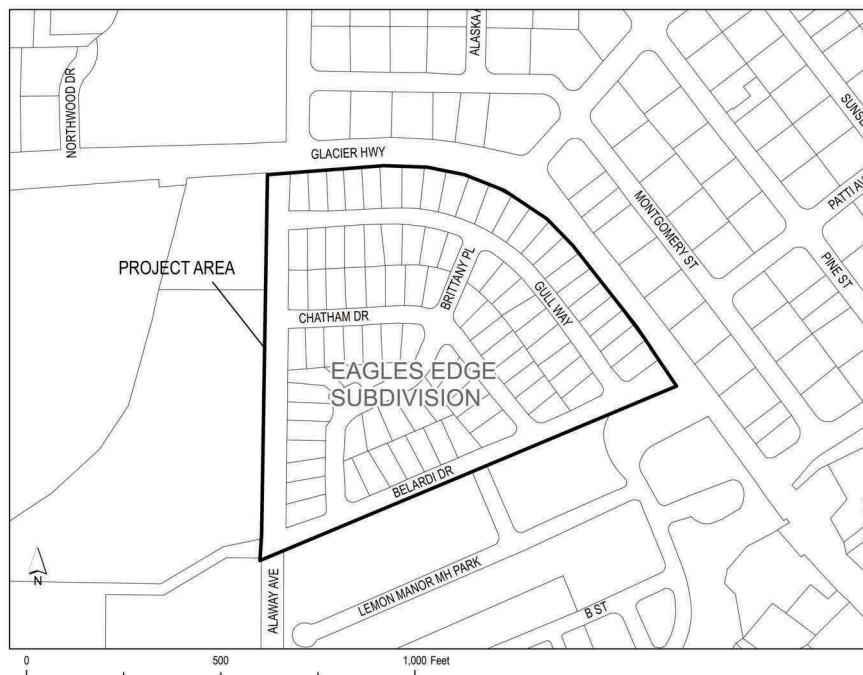
GLACIER HIGHWAY
TRAFFIC CONTROL PLAN

SHEET NO.

19
of
19



NOTICE OF PUBLIC HEARING



City & Borough of Juneau
Community Development Department
155 S Seward Street • Juneau, Alaska 99801

SHIP TO:



PROPOSAL: A City Project Review of Eagles Edge subdivision water system and drainage improvements.

File No:	CSP2014 0021	Applicant:	City and Borough of Juneau
To:	Adjacent Property Owners	Property PCN:	Multiple
Hearing Date:	December 9, 2014	Owner:	Multiple
Hearing Time:	7:00 PM	Project Area:	Gull Way
Place:	Assembly Chambers Municipal Building 155 South Seward Street Juneau, Alaska 99801	Zoned:	D-15
		Site Address:	Eagles Edge Subdivision
		Accessed Via:	Alway Avenue and Belardi Drive

PROPERTY OWNERS PLEASE NOTE:

You are invited to attend this Public Hearing and present oral testimony. The Planning Commission will also consider written testimony. You are encouraged to submit written material to the Community Development Department 14 days prior to the Public Hearing. Materials received by this deadline are included in the information packet given to the Planning Commission a week before the Public Hearing. Written material received after the deadline will be provided to the Planning Commission at the Public Hearing.

*If you have questions, please contact Jonathan Lange at
jonathan.lange@juneau.org or at 586-0218*



Planning Commission Agendas, Staff Reports and Meeting Results can be viewed at
www.juneau.org/plancomm.

ATTACHMENT C

Date notice was printed: November 4, 2014

Jonathan Lange

From: Joe Castillo
Sent: Wednesday, October 29, 2014 3:31 PM
To: Jonathan Lange
Subject: Eagles Edge Subd. Water Improvements Ph. II

Jonathan,

Only two project area residents attended the public information meeting last night for Gull Way. They viewed the display plan drawing to see where their new water service would be located. Matt McGuan, DOWL design engineer, then gave a project description of the planned improvements. One resident asked what the construction period would be. I said it was expected for April to September of 2015. They also inquired about access to their driveways. It was mentioned that the contractor would provide access to residential driveways, except during the times driveways are reconstructed, placing concrete driveway cuts, and placing the asphalt sidewalk and asphalt driveway aprons. The contractor is required to provide a minimum 24 hour notice for temporary driveway closures.

It was mentioned that the Eagles Edge Homeowners Association would make a separate contract arrangement with the construction contractor to install the new water services from the residences to the new water services at the right of line. Once all the residences are connected to the new water services, the old water main will be disconnected and abandoned in place.

They were looking forward the planned street improvements and the new water system, then left around 7:00 and the meeting ended.

{Thx, JC}

Thanks.

PLEASE NOTE MY NEW CBJ EMAIL ADDRESS: Jonathan.Lange@juneau.org



