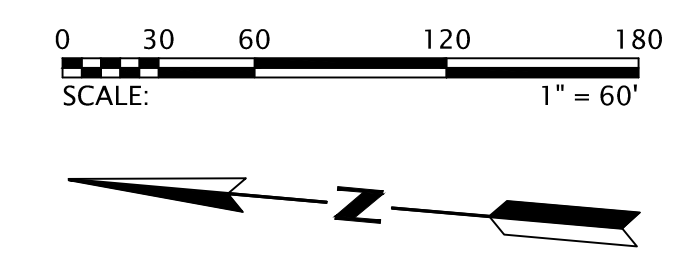
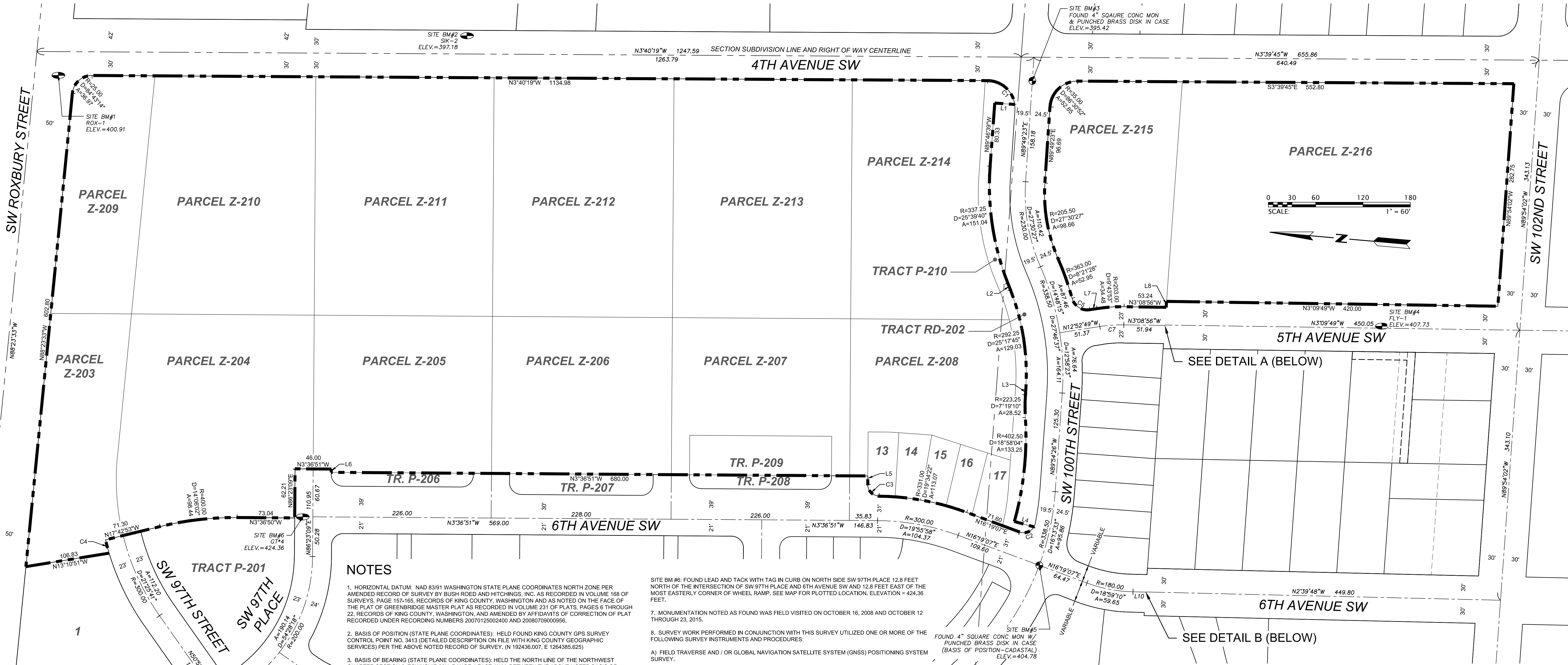


SEC. 6, T.23 N., R.4E., W.M.



NOTES

- HORIZONTAL DATUM: NAD 83/91 WASHINGTON STATE PLANE COORDINATES NORTH ZONE PER AMENDED RECORD OF SURVEY BY BUSH ROED AND HITCHINGS, INC. AS RECORDED IN VOLUME 168 OF SURVEYS, PAGE 157-165, RECORDS OF KING COUNTY, WASHINGTON AND AS NOTED ON THE FACE OF THE PLAT OF GREENBRIDGE MASTER PLAT AS RECORDED IN VOLUME 231 OF PLATS, PAGES 6 THROUGH 22, RECORDS OF KING COUNTY, WASHINGTON, AND AMENDED BY AFFIDAVITS OF CORRECTION OF PLAT RECORDED UNDER RECORDING NUMBERS 20070125002400 AND 20080709000956.
- BASIS OF POSITION (STATE PLANE COORDINATES): HELD FOUND KING COUNTY GPS SURVEY CONTROL POINT NO. 3413 (DETAILED DESCRIPTION ON FILE WITH KING COUNTY GEOGRAPHIC SERVICES) PER THE ABOVE NOTED RECORD OF SURVEY. (N 192436.007, E 1264385.625)
- BASIS OF BEARING (STATE PLANE COORDINATES): HELD THE NORTH LINE OF THE NORTHWEST QUARTER SECTION 6, TOWNSHIP 23N, RANGE 4E, W.M. BETWEEN THE ABOVE NOTED BASIS OF POSITION AND THE CALCULATED LOCATION OF THE NORTH QUARTER CORNER OF SECTION 6, TOWNSHIP 23 NORTH, RANGE 4 EAST AS RE-ESTABLISHED FROM THE FOUND OFFSET MONUMENT NOTED ON THE BRH SURVEY (SEE NOTE NO. 1) TO BE N 88°22'35" W.
- BASIS OF POSITION (CADASTRAL): HELD MONUMENTED INTERSECTION OF 6TH AVENUE SW AND SW 100TH ST. - FOUND 4" SQUARE CONCRETE MONUMENT WITH BRASS DISK AND PUNCH IN CASE (N 191.016, 191. E 1,267,538.156 GROUND).
- BASIS OF BEARING (CADASTRAL): HELD THE CALCULATED BEARING BETWEEN THE ABOVE NOTED BASIS OF POSITION (CADASTRAL) AND MONUMENTED CENTERLINE OF SW 100TH ST., 30.0 FEET WEST OF THE CENTERLINE OF 4TH AVE. SW - FOUND 4" SQUARE CONCRETE MONUMENT WITH PUNCHED BRASS DISK IN CASE (N 191.069, 828. E 1,268,150.103 GROUND) TO BE N 85°10'36" E PER THE ABOVE NOTED PLAT.
- VERTICAL DATUM: NAVD 1988.

- SITE BM #6: FOUND LEAD AND TACK WITH TAG IN CURB ON NORTH SIDE SW 97TH PLACE 12.8 FEET NORTH OF THE INTERSECTION OF SW 97TH PLACE AND 6TH AVENUE SW AND 12.8 FEET EAST OF THE MOST EASTERLY CORNER OF WHEEL RAMP. SEE MAP FOR PLOTTED LOCATION. ELEVATION = 424.36 FEET.
7. MONUMENTATION NOTED AS FOUND WAS FIELD VISITED ON OCTOBER 16, 2008 AND OCTOBER 12 THROUGH 23, 2015.
8. SURVEY WORK PERFORMED IN CONJUNCTION WITH THIS SURVEY UTILIZED ONE OR MORE OF THE FOLLOWING SURVEY INSTRUMENTS AND PROCEDURES:
- FIELD TRAVERSE AND / OR GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) POSITIONING SYSTEM SURVEY.
 - ELECTRONIC TOTAL STATIONS, INCLUDING TOPCON GPT 3005, TOPCON PS-103A, NIKON DTM-430, NIKON DTM-530 OR LEICA TCPR1201+.
 - TOPCON HIPER LITE PLUS GNSS EQUIPMENT.
 - TOPCON GR-3 GNSS EQUIPMENT.
 - ALL FIELD TRAVERSE WORK COMPLIES WITH CURRENT STANDARDS AS OUTLINED IN WAC 332-130-070, 080 AND 090. ALL INSTRUMENTS MAINTAINED TO MANUFACTURER'S SPECIFICATIONS AS REQUIRED BY WAC 332-130-100.
9. DISTANCES SHOWN HEREON ARE GROUND DISTANCES UNLESS NOTED OTHERWISE. THE COMBINATION FACTOR USED FOR THIS SITE IS 0.9999767712, WHERE GRID DISTANCE DIVIDED BY COMBINATION FACTOR EQUALS GROUND DISTANCE. THEREFORE THE ONLY TRUE WASHINGTON STATE PLANE COORDINATE IS THE BASIS OF POSITION (STATE PLANE COORDINATES).
10. EASEMENTS SHOWN HEREON ARE PER CHICAGO TITLE INSURANCE COMPANY SUBDIVISION COMMITMENT ORDER NO. 0054194-06 DATED OCTOBER 29, 2015. ONLY THOSE EASEMENTS OR EXCEPTIONS DISCLOSED IN SCHEDULE B OF THE ABOVE REFERENCED REPORT THAT CAN BE PLOTTED ARE SHOWN HEREON.
11. TOPOGRAPHIC AND PLANIMETRIC INFORMATION SHOWN HEREON WAS OBTAINED IN APRIL 2013, OCTOBER 2015, FEBRUARY/MARCH 2016, SEPTEMBER 2016, MAY AND JUNE 2017, AND MARCH 2018 AND IS CURRENT TO THOSE DATES ONLY. INFORMATION SHOWN HEREON WAS LOCATED FOR TWO SEPARATE CLIENTS AND IS A COMPOSITE OF BOTH SURVEY EFFORTS. ADDITIONALLY, INFORMATION WAS OBTAINED FROM ELECTRONIC DRAWING FILES FROM A TOPOGRAPHIC SURVEY FOR KING COUNTY HOUSING AUTHORITY BY BUSH, ROED AND HITCHINGS DATED NOVEMBER 2002 AND FIELD VERIFIED BY GOLDSMITH.
12. UNDERGROUND UTILITY INFORMATION SHOWN HEREON IS SHOWN PER A COMBINATION OF FIELD LOCATED SURFACE FEATURES, RECORDS OF THE APPLICABLE UTILITY, DESIGN LOCATIONS PER ELECTRONIC DRAWING FILES PROVIDED BY KPFF ENGINEERS, PAINTED LOCATIONS BY APPLIED PROFESSIONAL SERVICES (APS) (FOR A PORTION OF 4TH AVENUE SW ONLY) AND ELECTRONIC DRAWING FILES FROM BUSH, ROED AND HITCHINGS. SOME UNDERGROUND WATER PIPES WERE NON-CONDUCTIBLE AND COULD NOT BE LOCATED BY APS AND THEREFORE ARE SHOWN PER THE BEST AVAILABLE RECORDS. SOME UTILITIES WERE LOCATED BY APS BUT COULD NOT BE IDENTIFIED AND ARE SHOWN HEREON AS "PAINTED UTILITY - UNABLE TO IDENTIFY". THE ELECTRIC FACILITIES SHOWN HEREON ARE PER A COMBINATION OF SURFACE FEATURES AND VERY SCHEMATIC PLANS PROVIDED BY SEATTLE CITY LIGHT. ALL UTILITIES SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION. THE FOLLOWING PURVEYORS SERVE THIS PROPERTY:
- SANITARY SEWER: SOUTHWEST SUBURBAN SEWER DISTRICT
 WATER: WATER DISTRICT NO. 45
 ELECTRIC: SEATTLE PUBLIC UTILITIES

STORM SEWER: KING COUNTY
 CABLE TV: COMCAST
 TELEPHONE: QUEST
 GAS: PUGET SOUND ENERGY

LEGAL DESCRIPTION

LOTS 13 THROUGH 17, INCLUSIVE, PARCELS Z-203, Z-204, Z-205, Z-206, Z-207, Z-208, Z-209, Z-210, Z-211, Z-212, Z-213, Z-214, Z-215 AND Z-216, TRACTS P-209 AND P-210, ALL IN GREENBRIDGE DIVISION 2, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 250 OF PLATS, PAGES 1 THROUGH 10, INCLUSIVE, IN KING COUNTY, WASHINGTON.

LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	N0° 06' 57"E	25.40
L2	N64° 33' 41"E	8.99
L3	N89° 51' 26"E	6.89
L4	N11° 25' 47"E	25.77
L5	N86° 23' 09"E	10.51
L6	N86° 23' 09"E	4.17
L7	N12° 52' 49"W	9.29
L8	N89° 54' 26"W	7.54
L9	N39° 08' 33"W	39.17
L10	N2° 40' 04"W	16.14

CURVE TABLE

CURVE NO.	RADIUS	DELTA ANGLE	ARC LENGTH
C1	R=35.00	D=81°51'06"	50.00
C2	R=15.00	D=80°03'17"	20.96
C3	R=15.00	D=89°38'25"	23.47
C4	R=323.00	D=3°06'12"	17.49
C5	R=20.00	D=83°33'13"	29.17
C6	R=180.00	D=40°45'32"	128.05
C7	R=180.00	D=9°43'53"	30.57

BENCHMARK "B": SOUTHERLY TOP FLANGE BOLT BETWEEN THE LETTERS E AND L IN THE WORD MUELLER ON FIRE HYDRANT AT SOUTHWEST CORNER OF INTERSECTION OF 8TH AVE SW AND SW 102ND ST. ELEVATION = 407.61 FEET.

BENCHMARK "C": CHISELED SQUARE AT INTERSECTION OF BACK OF CONCRETE WALKS AND BACK OF CURBS AT THE NORTHEAST CORNER OF 4TH AVE. SW AND SW 102ND ST. ELEVATION = 423.37 FEET

SITE BM #1: FOUND LEAD AND TACK WITH TAG AT THE SOUTHWEST FILLET OF THE INTERSECTION OF 4TH AVE SW AND SW ROXBURY ST. THE BM IS 2.2 FEET SOUTHWEST OF THE TOP BACK OF CURB AND 4.0 FEET NORTHEAST OF A FOOT HIGH FENCE POST. SEE MAP FOR PLOTTED LOCATION. ELEVATION = 397.16 FEET.

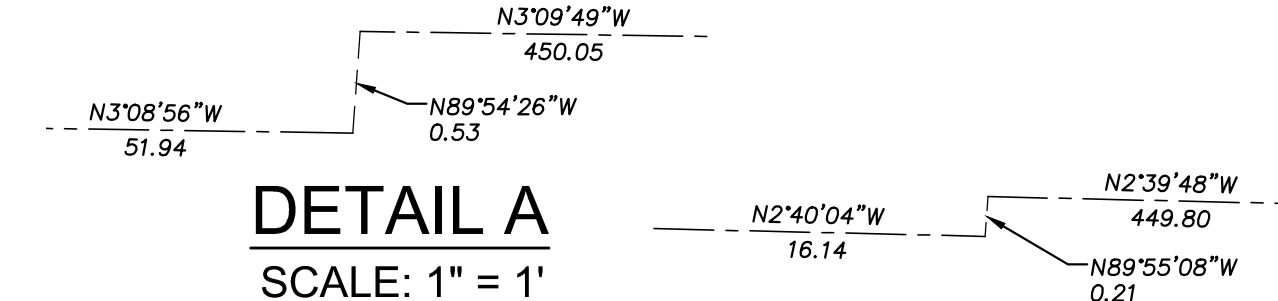
SITE BM #2: GOLDSMITH SURVEY CONTROL POINT SIK*2 - SET CONCRETE NAIL AND TAG IN ASPHALT AT SOUTHEAST FILLET OF THE INTERSECTION OF 4TH AVENUE SW AND SW 97TH PLACE. NAIL IS 1.25 WEST OF THE TOP FACE OF CURB AND 7.3 FEET NORTH OF THE NORTH EDGE OF WHEEL RAMP. SEE MAP FOR PLOTTED LOCATION. ELEVATION = 397.16 FEET.

SITE BM #3: MONUMENTED CENTERLINE OF SW 100TH ST., 30.0 FEET WEST OF THE CENTERLINE OF 4TH AVE. SW - FOUND 4" SQUARE CONCRETE MONUMENT WITH PUNCHED BRASS DISK IN CASE SEE MAP FOR PLOTTED LOCATION. ELEVATION = 395.42 FEET.

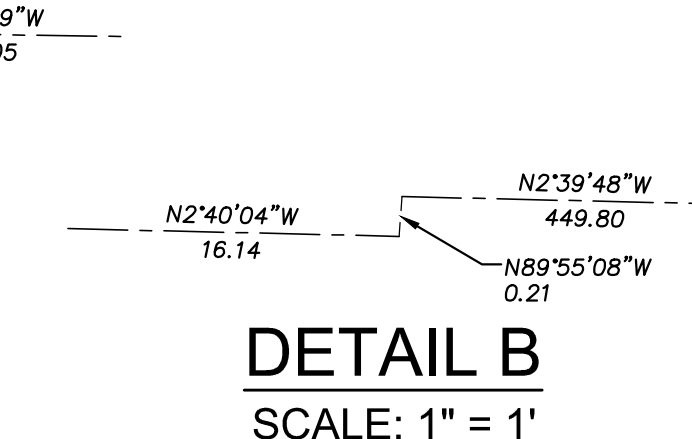
SITE BM #4: GOLDSMITH SURVEY CONTROL POINT FLY*1 - SET CONCRETE NAIL AND TAG IN ASPHALT 2.3 FEET EAST OF THE INTERSECTION OF 4TH PLACE SW AND 5TH AVENUE SW. NAIL IS 37.6 NORTHERLY OF THE SPEED SIGN AT THE SOUTHEAST FILLET OF SAID INTERSECTION. SEE MAP FOR PLOTTED LOCATION. ELEVATION = 407.73 FEET.

SITE BM#5: MONUMENTED INTERSECTION OF SW 100TH STREET AND 6TH AVENUE SW - FOUND 4" SQUARE CONCRETE MONUMENT WITH PUNCHED BRASS DISK IN CASE. SEE MAP FOR PLOTTED LOCATION. ELEVATION = 404.78 FEET.

DETAIL A
SCALE: 1" = 1'



DETAIL B
SCALE: 1" = 1'



KING COUNTY DLSPD APPROVAL

Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION

Final Corrected Plans

 Date

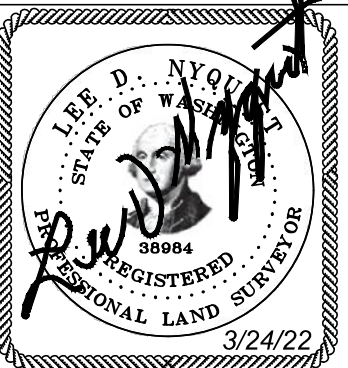
NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	LN	LN	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: HW
 DESIGNED BY: MAB
 CHECKED BY: MAB
 APPROVED BY: MAB
 DATE: JULY 18, 2019
 JOB No.: 1600206



GOLDSMITH
 LAND DEVELOPMENT SERVICES
 1215 11th Ave SE, Bellevue, WA 98003 | PO Box 3564, Bellevue, WA 98007
 T: 425-462-1080 F: 425-462-7719 www.goldsmitthengineering.com

Greenbridge
 King County Housing Authority



KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON
 GREENBRIDGE DIVISION 8
 HORIZONTAL CONTROL

SHEET
HC1

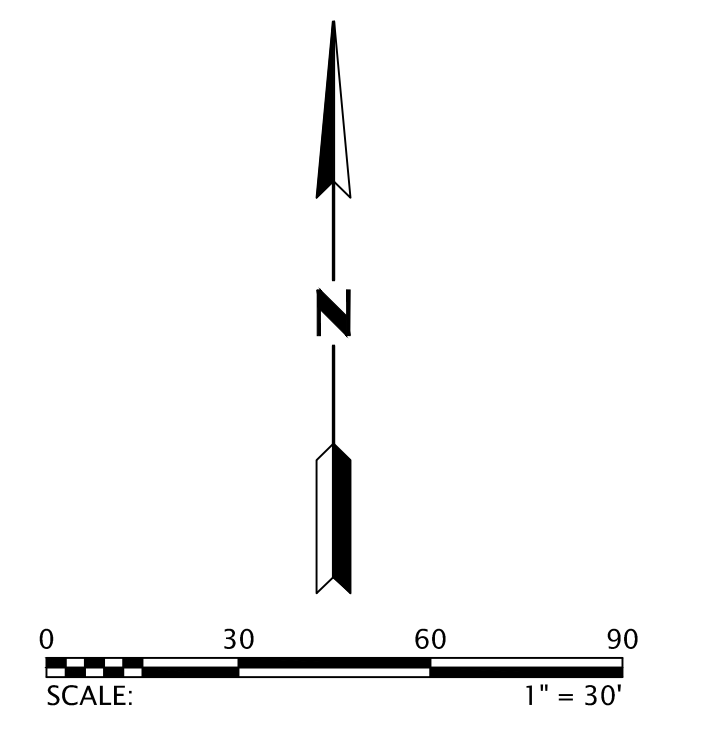
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RECORD NUMBER STRV17-006

SEC. 6, T.23 N., R.4E., W.M.
SW ROXBURY STREET



REFER TO PARK PLANS FOR HORIZONTAL CONTROL



AREA OF PRIVATE DRAINAGE EASEMENT

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L6	S86° 23' 09" W	4.17

CURVE TABLE			
CURVE NO.	RADIUS	DELTA ANGLE	ARC LENGTH
C8	R=78.00	D=7° 51' 59"	10.71
C16	R=15.00	D=15° 31' 25"	4.06
C17	R=15.00	D=15° 24' 30"	4.03
C18	R=15.00	D=15° 31' 25"	4.06
C29	R=32.00	D=48° 59' 08"	27.36
C30	R=15.00	D=74° 32' 02"	19.51
C31	R=15.00	D=74° 32' 02"	19.51
C32	R=15.00	D=74° 32' 02"	19.51

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans

KING COUNTY DLSPD APPROVAL	
Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

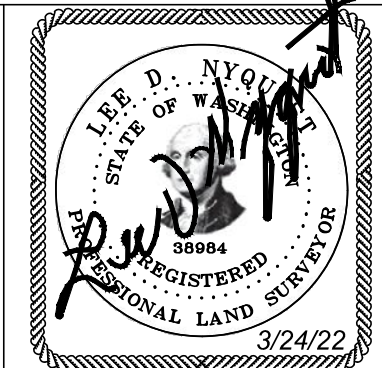
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NO.	DATE	BY	CHD.	APPR.	REVISION
3/18/22	HW	LN	LN		FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: HW
DESIGNED BY: LN
CHECKED BY: MAB
APPROVED BY: MAB
DATE: JULY 18, 2019
JOB No.: 1600206



GOLDSMITH
LAND DEVELOPMENT SERVICES
1215 11th Ave SE, Bellevue, WA 98003 | PO Box 3563, Bellevue, WA 98009
T: 425-462-1000 F: 425-462-7719 www.goldsmithland.com

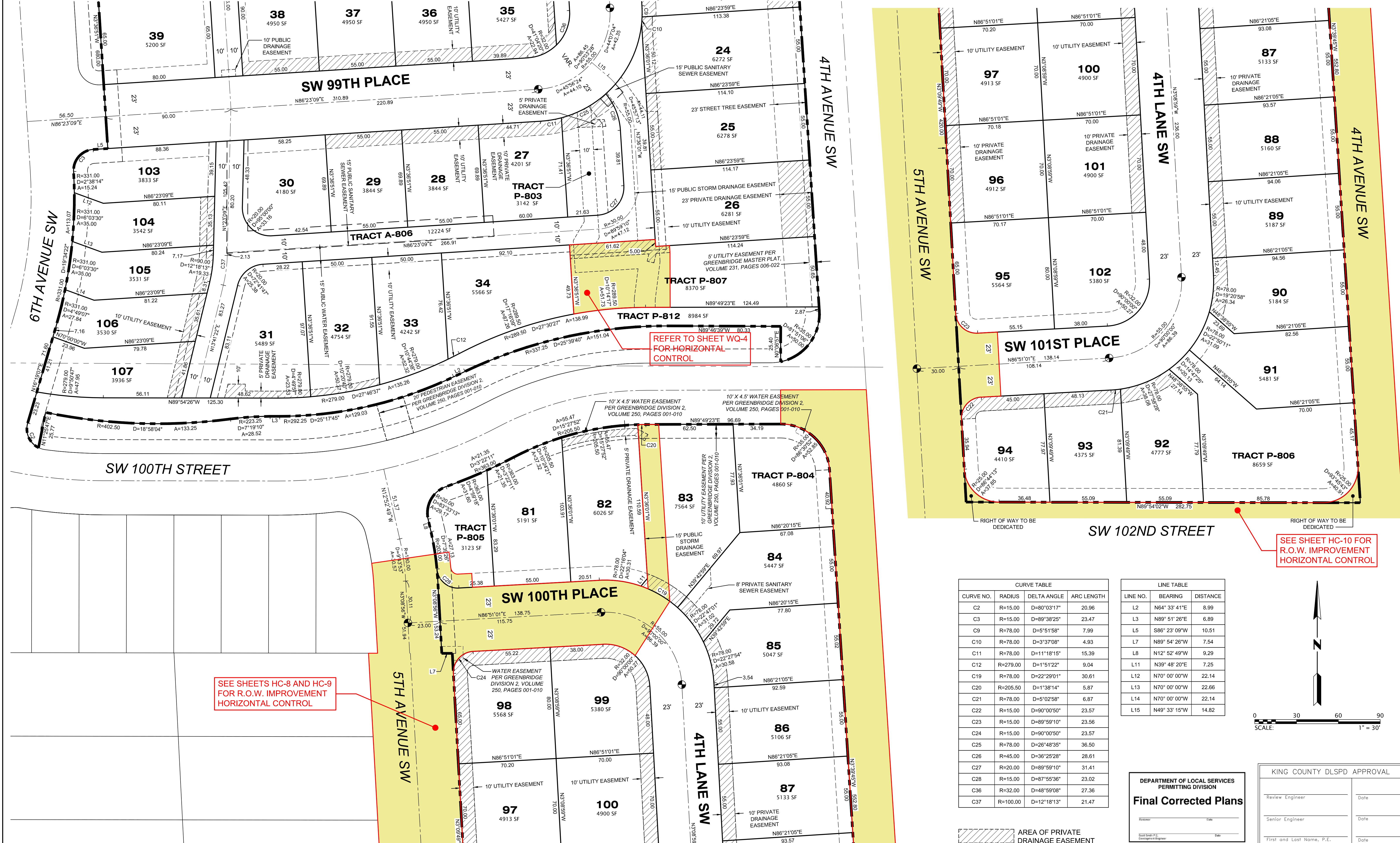


KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
HORIZONTAL CONTROL

SHEET
HC2

RECORD NUMBER STRV17-006

SEC. 6, T.23 N., R.4E., W.M.

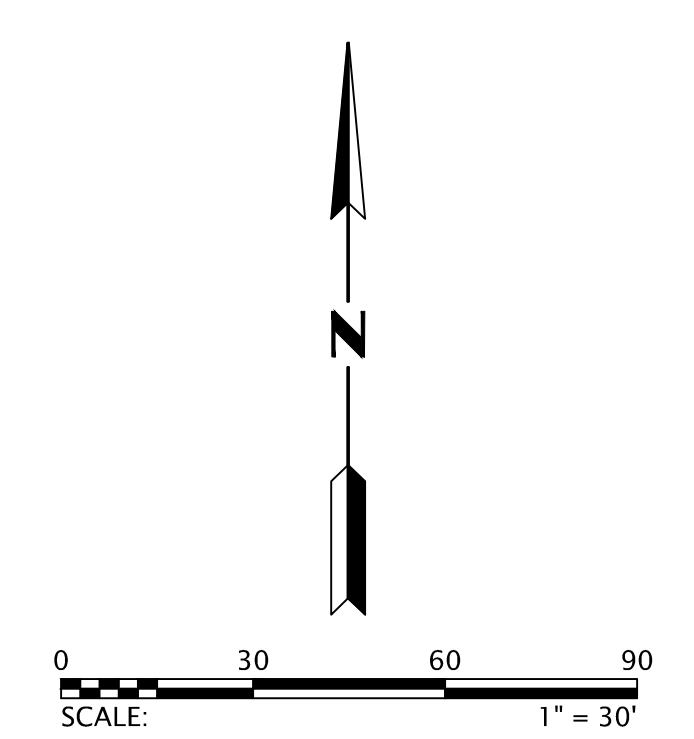


CURVE TABLE

CURVE NO.	RADIUS	DELTA ANGLE	ARC LENGTH
C2	R=15.00	D=80°03'17"	20.96
C3	R=15.00	D=89°38'25"	23.47
C9	R=78.00	D=5°51'58"	7.99
C10	R=78.00	D=3°37'08"	4.93
C11	R=78.00	D=11°18'15"	15.39
C12	R=279.00	D=1°51'22"	9.04
C19	R=78.00	D=22°29'01"	30.61
C20	R=205.50	D=1°38'14"	5.87
C21	R=78.00	D=5°02'58"	6.87
C22	R=15.00	D=90°00'50"	23.57
C23	R=15.00	D=89°59'10"	23.56
C24	R=15.00	D=90°00'50"	23.57
C25	R=78.00	D=26°48'35"	36.50
C26	R=45.00	D=36°25'28"	28.61
C27	R=20.00	D=89°59'10"	31.41
C28	R=15.00	D=87°55'36"	23.02
C36	R=32.00	D=48°59'08"	27.36
C37	R=100.00	D=12°18'13"	21.47

LINE TABLE

LINE NO.	BEARING	DISTANCE
L2	N84°33'41"E	8.99
L3	N89°51'26"E	6.89
L5	S86°23'09"W	10.51
L7	N89°54'26"W	7.54
L8	N12°52'49"W	9.29
L11	N39°48'20"E	7.25
L12	N70°00'00"W	22.14
L13	N70°00'00"W	22.66
L14	N70°00'00"W	22.14
L15	N49°33'15"W	14.82



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans

KING COUNTY DLSPD APPROVAL

Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	LN	LN	FINAL CORRECTED PLANS - PHASE 1

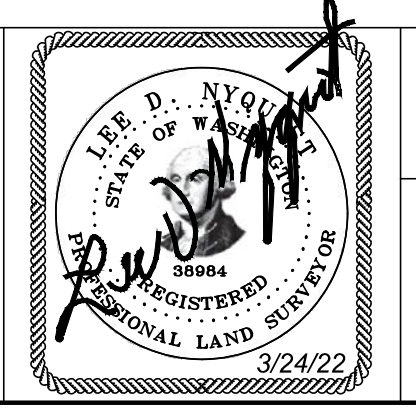
DRAWN BY: HW
DESIGNED BY: MAB
CHECKED BY: MAB
APPROVED BY: MAB
DATE: JULY 18, 2019
JOB No.: 1600206

811 Call 811
two business days
before you dig

SCALE: AS NOTED

GOLDSMITH
LAND DEVELOPMENT SERVICES
1215 11th Ave SE, Bellevue, WA 98003 | PO Box 3563, Bellevue, WA 98009
T 206 462 1000 F 425 442 7719 www.goldsmitheng.com

Greenbridge
King County
Housing
Authority

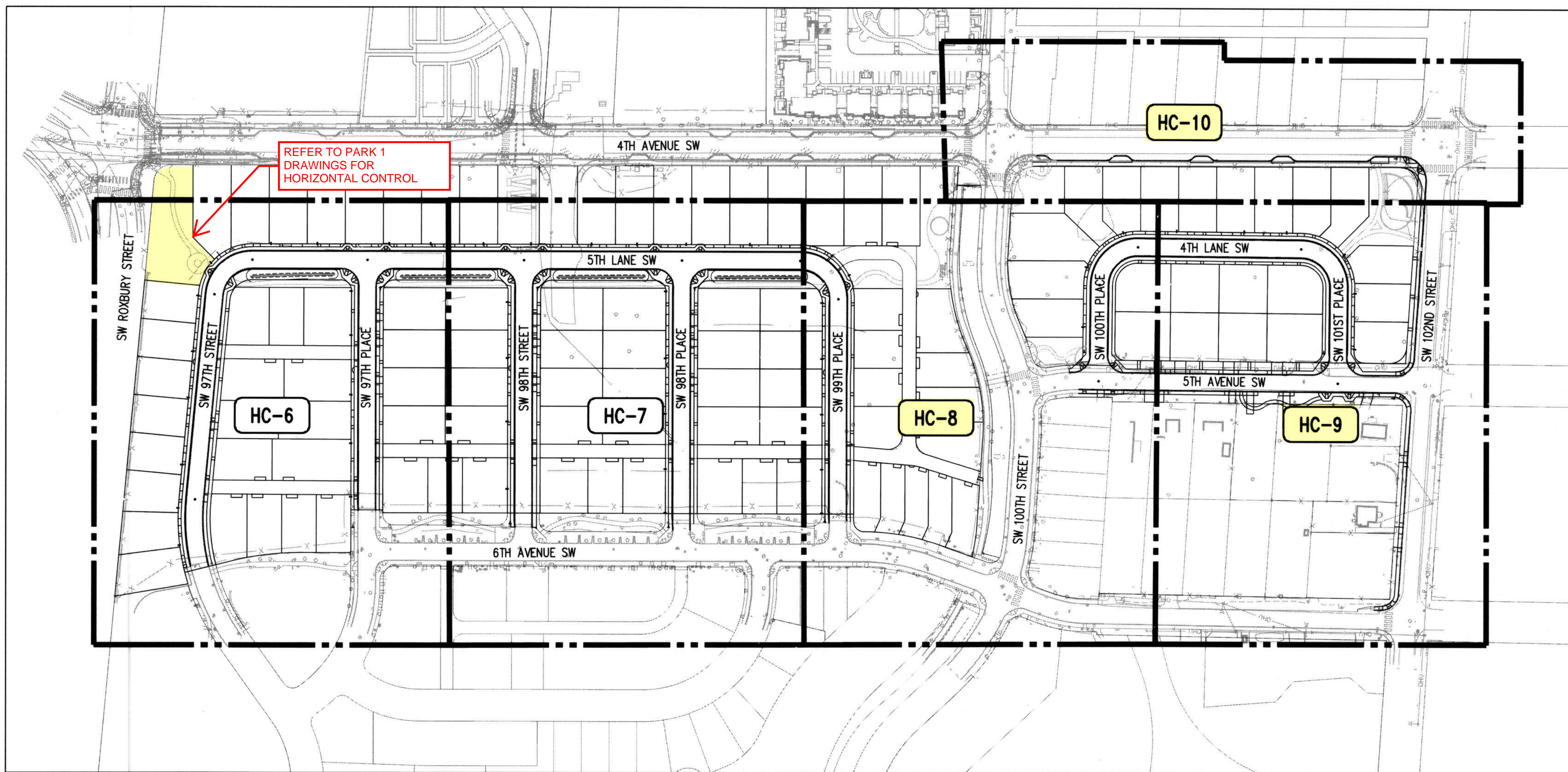


KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
HORIZONTAL CONTROL

SHEET
HC4

RECORD NUMBER STRV17-006

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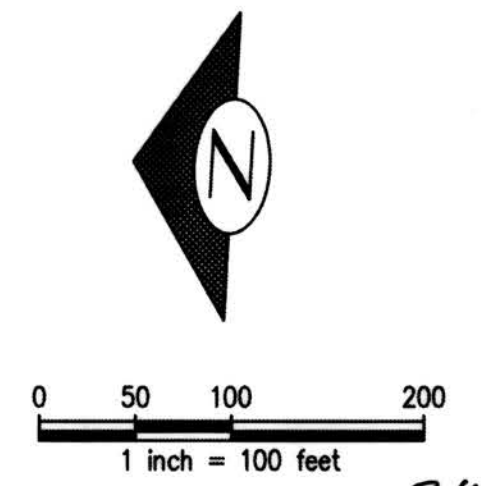


DATUM
 HORIZONTAL DATUM:
 NAD 83/91 WASHINGTON STATE PLANE
 COORDINATES NORTH ZONE PER KING
 COUNTY GPS CONTROL

 VERTICAL DATUM:
 NAVD 88

CONTRACTOR IS ALERTED TO THE FACT THAT WORK WILL BE ACCOMPLISHED AROUND ACTIVE PSE GAS AND ENERGIZED SEATTLE CITY LIGHT (SCL) FACILITIES THAT ARE SERVING EXISTING CUSTOMERS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO DETERMINE WHICH FACILITIES ARE ACTIVE AND ENERGIZED AND SHALL IMPLEMENT SAFETY PROCEDURES PER PSE AND SCL REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO ENSURE THAT FACILITIES ARE IN PLACE TO MAINTAIN SERVICE TO CUSTOMERS THROUGHOUT CONSTRUCTION.

RECORD DRAWINGS
 THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.



DEPARTMENT OF LOCAL SERVICES
 PERMITTING DIVISION
Final Corrected Plans
 Reviewer _____ Date _____
 Scott Smith P.E.
 Development Engineer

Jul 16, 2019 - 2:57pm KewB Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\Coding & Drainage\04-CB HC-00-11.dwg

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
KMB, TAD
 DESIGNED BY
BB, SZ
 CHECKED BY
JCG
 APPROVED BY
MAV
 DATE
JULY 18, 2019
 JOB No.: 1600206



kpff
 1601 5th Avenue, Suite 1600
 Seattle, WA 98101
 206.632.5822
 www.kpff.com



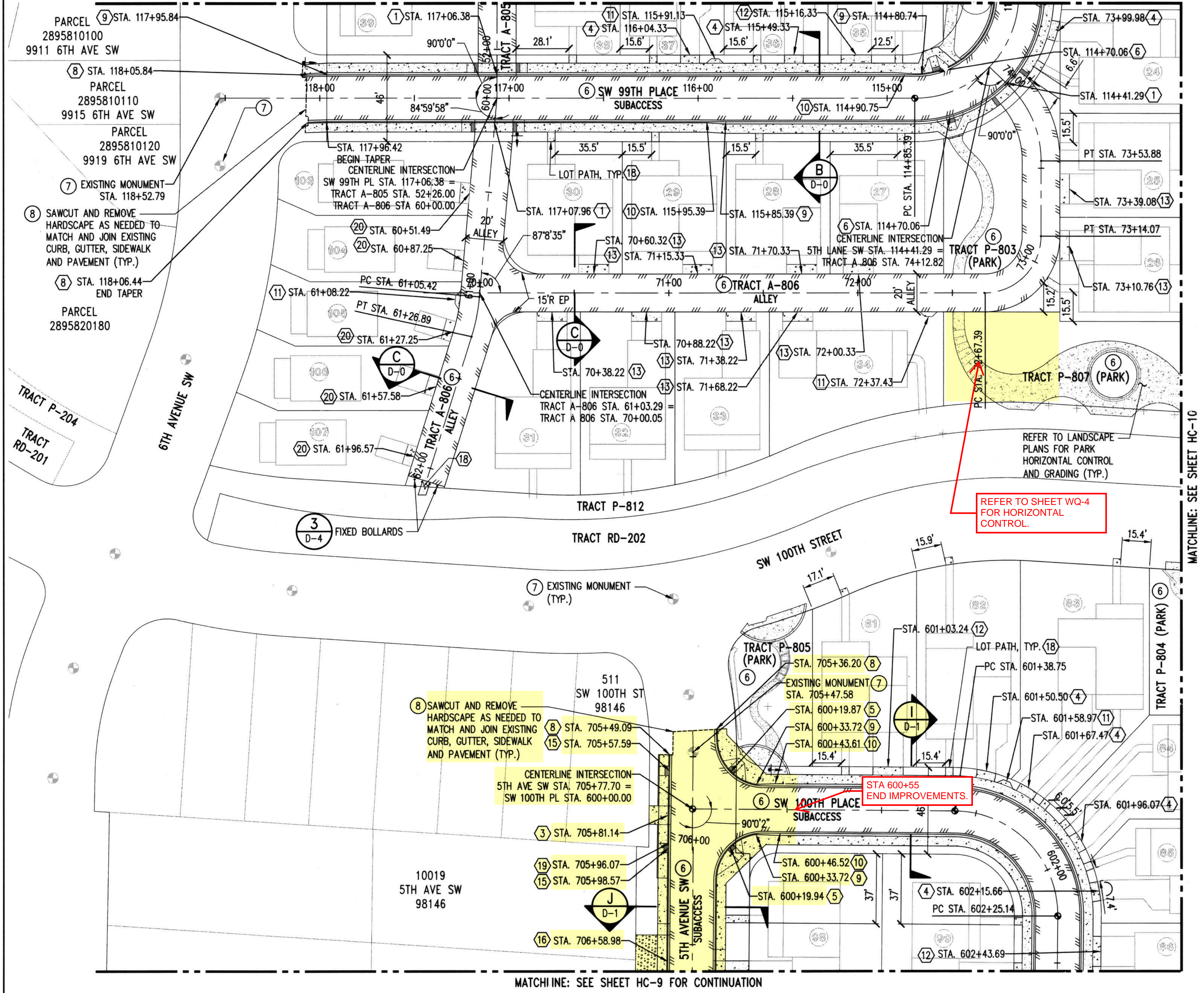
KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
 HORIZONTAL CONTROL OVERVIEW

SHEET
HC-5

PROJECT NO. STRV17-0006
 ACTIVITY NO.

MATCHLINE: SEE SHEET HC-7

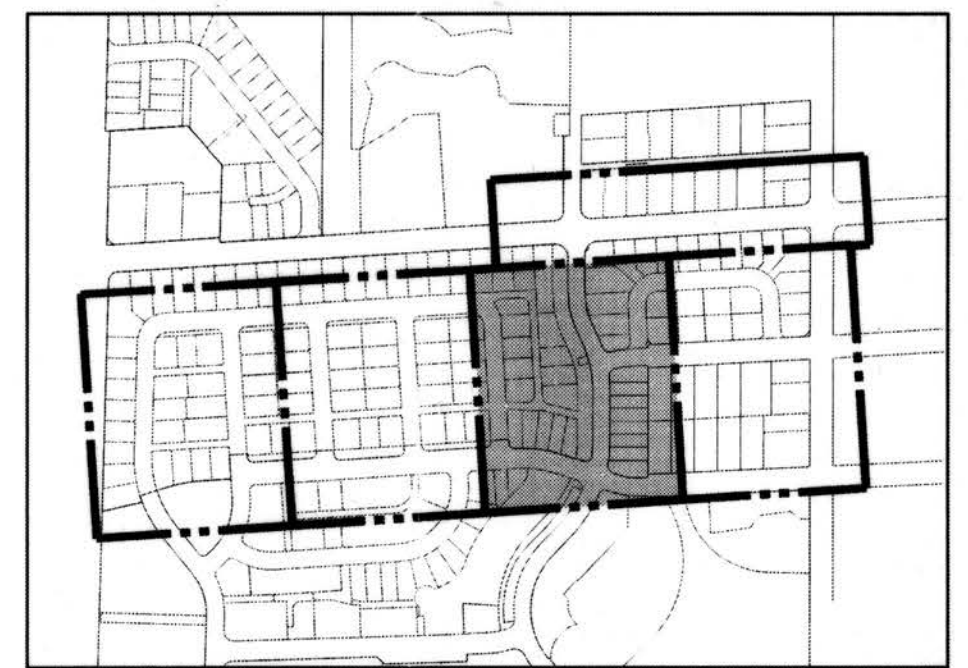
SEC. 6, T.23 N., R.4E., W.M.



MATCHLINE: SEE SHEET HC-9 FOR CONTINUATION

HORIZONTAL CONTROL NOTES:

- REFER TO HUGH G. GOLDSMITH & ASSOCIATES, INC., HORIZONTAL CONTROL SHEETS HC-1 THROUGH HC-4 FOR BOUNDARY, RIGHT OF WAY AND CENTERLINE INFORMATION.
- REFER TO GD AND D SHEETS FOR DETAILS AND ROAD SECTIONS WITH DIMENSIONS. REFER TO LANDSCAPE PLANS FOR SIDEWALK SCORING AND FINISHES.
- UNLESS OTHERWISE NOTED, SIDEWALK RAMPS ARE PER DETAILS ON SHEET D-2.
- CONTRACTOR SHALL COORDINATE WITH KING COUNTY TRAFFIC ENGINEERING AND K.C. METRO FOR THE PROTECTION, SALVAGE, REMOVAL, AND REPLACEMENT OF EXISTING SIGNAGE. PROPOSED SIGNAGE SHOWN ON THESE PLANS IS APPROXIMATE. KING COUNTY SHALL DETERMINE TYPE OF SIGN AND INSTALLATION LOCATION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING (206-263-6110) AT LEAST TEN WORKING DAYS PRIOR TO STRIPING TO COORDINATE CHANNELIZATION LAYOUT AND SIGN INSTALLATION.
- CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE COUNTY FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- PER KORDCS 9.04, ALL MATERIALS USED IN THE KING COUNTY RIGHT OF WAY OR TRACTS REQUIRE MATERIAL CERTIFICATIONS, TYPICAL.
- PROTECT ALL EXISTING SURVEY MONUMENTS. ALL EXISTING MONUMENTS, WHICH ARE DISTURBED, LOST, OR DESTROYED DURING CONSTRUCTION OR SURVEYING, SHALL BE REPLACED BY A WASHINGTON STATE REGISTERED PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR PER KORDCS 5.06.
- MINIMUM SAWCUT LIMITS ARE SHOWN FOR CONNECTION TO THE EXISTING STREET IMPROVEMENTS, BASED ON FIELD SURVEY PROVIDED TO THE DESIGN TEAM. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXACT JOINTING LOCATION IN THE FIELD WITH THE KOPER INSPECTOR AND CONSTRUCT A SEAMLESS TRANSITION OF IMPROVEMENTS AS DIRECTED/AGREED WITH THE INSPECTOR WITHOUT ANY ADDITIONAL CHANGE ORDER COSTS TO THE PROJECT.



KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 20' WIDE DRIVEWAY
- 2 16' WIDE DRIVEWAY
- 3 10' WIDE DRIVEWAY
- 4 10' WIDE DRIVEWAY PAD
- 5 4' WIDE CURB RAMP
- 6 4' WIDE CURB RAMP
- 7 BEGIN/END 6" BARRIER CURB
- 8 BEGIN CURB AND GUTTER
- 9 BEGIN CURB TRANSITION
- 10 BEGIN ROLLED CURB
- 11 MAIL BOX PAD
- 12 16' WIDE DRIVEWAY PAD
- 13 16' WIDE DRIVEWAY PAD
- 14 18' WIDE DRIVEWAY PAD
- 15 5' WIDE CURB RAMP
- 16 28' WIDE DRIVEWAY
- 17 14' WIDE DRIVEWAY
- 18 4' WIDE LOT PATH
- 19 ANGLE POINT - CURB AND GUTTER
- 20 11' WIDE DRIVEWAY PAD

LEGEND

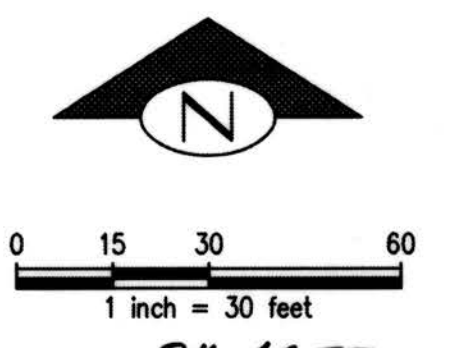
- LOT NUMBER
- SURVEY MONUMENT
- STOP SIGN PER MUTCD STANDARD, SEE NOTE 4
- ASPHALT PAVING
- CONCRETE PAVING
- GRAVEL (REFER TO P SHEETS)

RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\CDDing & Drainage\04-08-HC-06.dwg
Jul 16, 2019 - 2:57pm Kamb

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV

DATE: JULY 18, 2019

JOB No.: 1600206

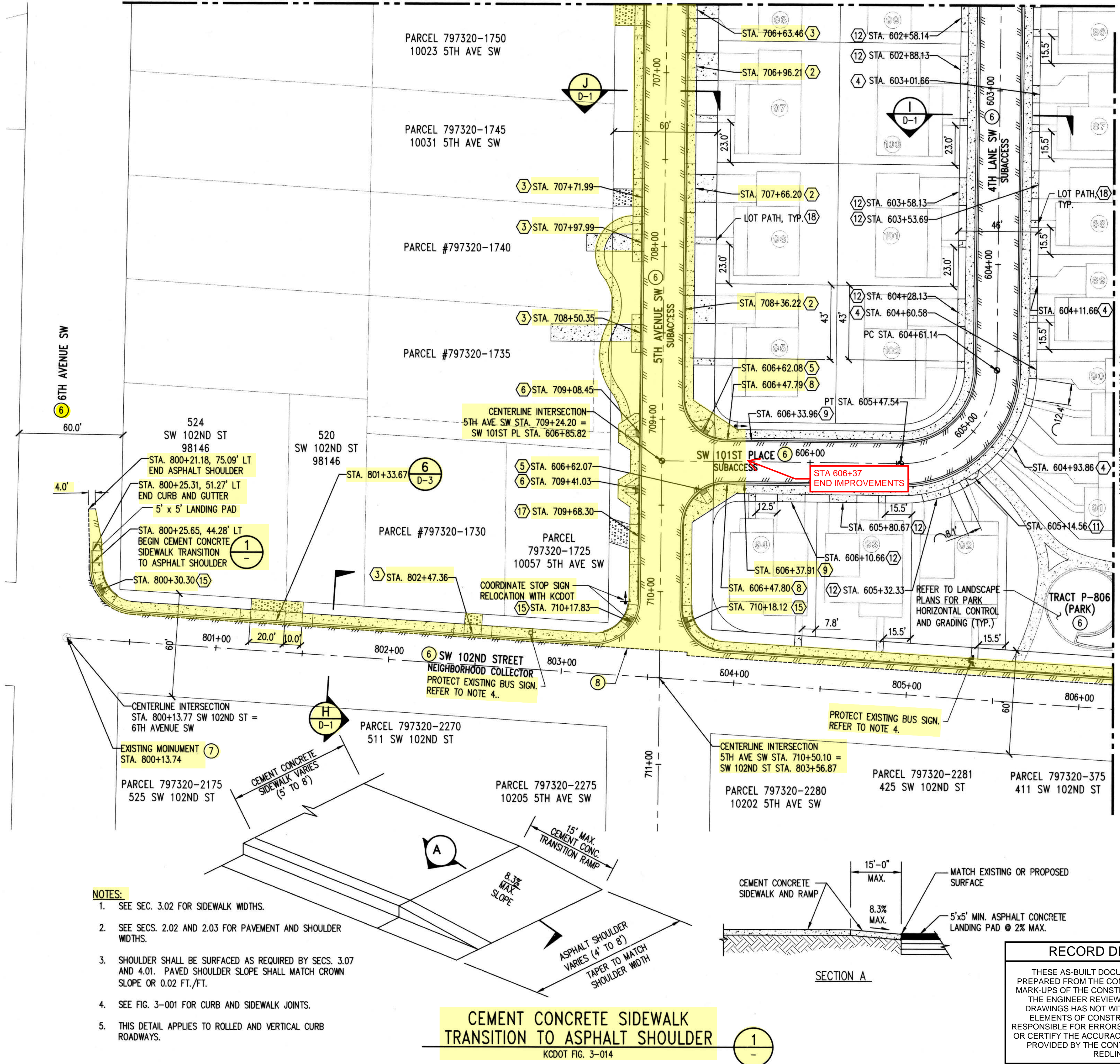


KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

HORIZONTAL CONTROL AND PAVING PLAN

SHEET
HC-8



- HORIZONTAL CONTROL NOTES:**
- REFER TO HUGH G. GOLDSMITH & ASSOCIATES, INC., HORIZONTAL CONTROL SHEETS HC-1 THROUGH HC-4 FOR BOUNDARY, RIGHT OF WAY AND CENTERLINE INFORMATION.
 - REFER TO GD AND D SHEETS FOR DETAILS AND ROAD SECTIONS WITH DIMENSIONS. REFER TO LANDSCAPE PLANS FOR SIDEWALK SCORING AND FINISHES.
 - UNLESS OTHERWISE NOTED, SIDEWALK RAMPS ARE PER DETAILS ON SHEET D-2.
 - CONTRACTOR SHALL COORDINATE WITH KING COUNTY TRAFFIC ENGINEERING AND K.C. METRO FOR THE PROTECTION, SALVAGE, REMOVAL, AND REPLACEMENT OF EXISTING SIGNAGE. PROPOSED SIGNAGE SHOWN ON THESE PLANS IS APPROXIMATE. KING COUNTY SHALL DETERMINE TYPE OF SIGN AND INSTALLATION LOCATION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING (206-263-6110) AT LEAST TEN WORKING DAYS PRIOR TO STRIPING TO COORDINATE CHANNELIZATION LAYOUT AND SIGN INSTALLATION.
 - CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE COUNTY FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
 - PER KCRDCS 9.04, ALL MATERIALS USED IN THE KING COUNTY RIGHT OF WAY OR TRACTS REQUIRE MATERIAL CERTIFICATIONS, TYPICAL.
 - PROTECT ALL EXISTING SURVEY MONUMENTS. ALL EXISTING MONUMENTS, WHICH ARE DISTURBED, LOST, OR DESTROYED DURING CONSTRUCTION OR SURVEYING, SHALL BE REPLACED BY A WASHINGTON STATE REGISTERED PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR PER KCRDCS 5.06.
 - MINIMUM SAWCUT LIMITS ARE SHOWN FOR CONNECTION TO THE EXISTING STREET IMPROVEMENTS, BASED ON FIELD SURVEY PROVIDED TO THE DESIGN TEAM. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXACT JOINTING LOCATION IN THE FIELD WITH THE KOPER INSPECTOR AND CONSTRUCT A SEAMLESS TRANSITION OF IMPROVEMENTS AS DIRECTED/AGREED WITH THE INSPECTOR WITHOUT ANY ADDITIONAL CHANGE ORDER COSTS TO THE PROJECT.

ADA NOTE:
PER DON BLEASDALE, KCDOT, ON OCTOBER 9, 2018 IT WAS DETERMINED THAT THE HEARING EXAMINERS CONDITIONS OF ONLY PROVIDING FRONTAGE IMPROVEMENTS SHALL OVER RIDE KCRDCS SECTION 3.05 THAT REQUIRES COMPANION RAMPS.

LEGEND

- LOT NUMBER
- SURVEY MONUMENT
- STOP SIGN PER MUTCD STANDARD, SEE NOTE 4
- ASPHALT PAVING
- CONCRETE PAVING
- GRAVEL (REFER TO P SHEETS)
- GRAVEL DRIVEWAY PAD

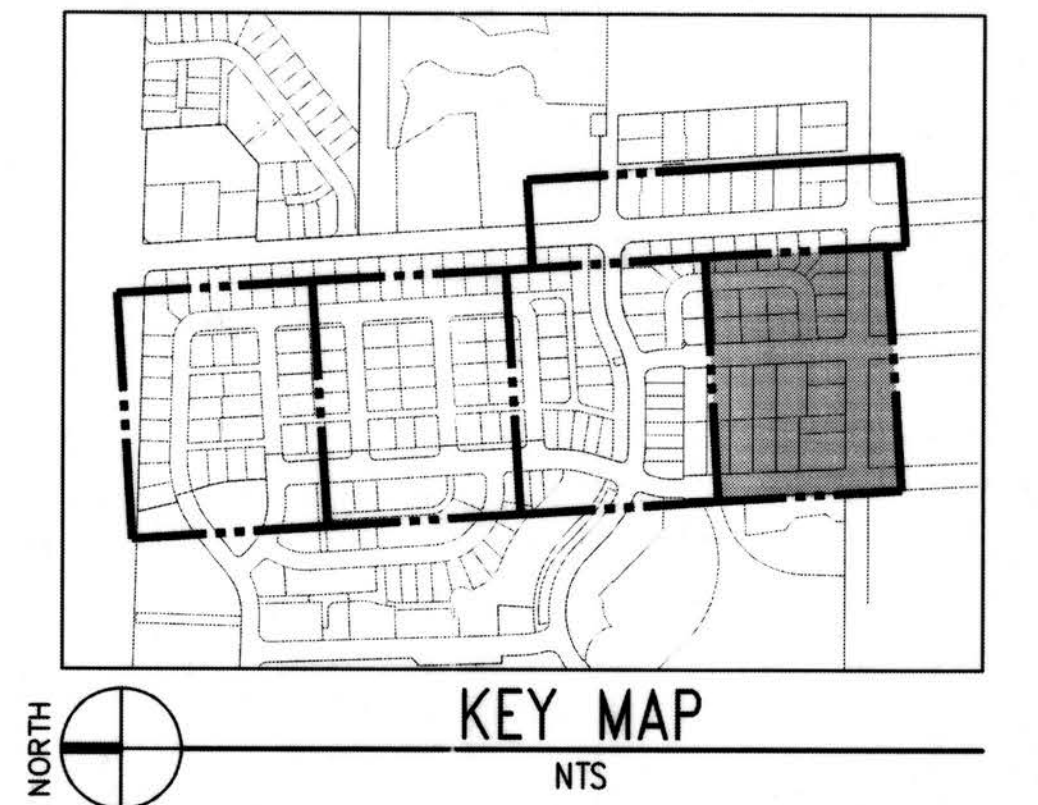
RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

DATUM
HORIZONTAL DATUM: NAD 83/91 WASHINGTON STATE PLANE COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.
VERTICAL DATUM: NAVD 88

1 inch = 30 feet

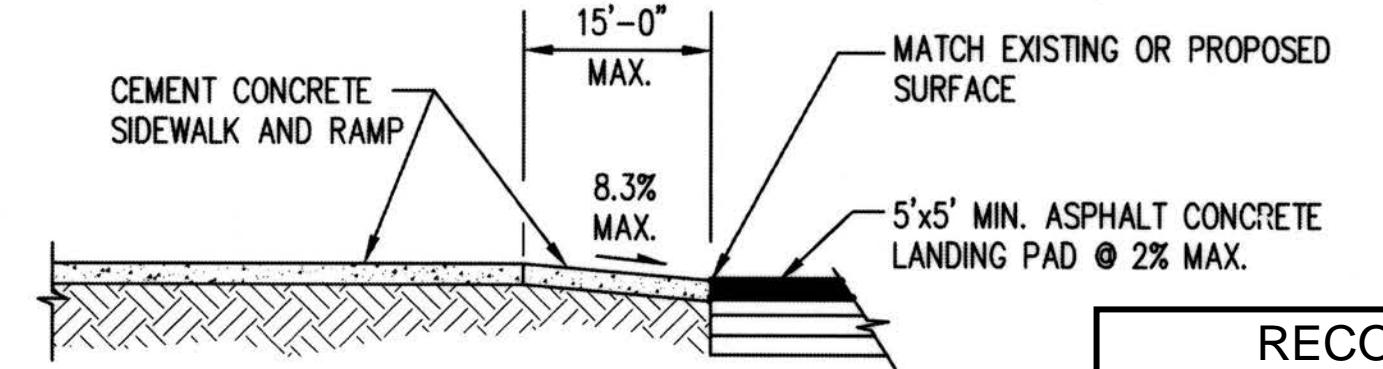
P# 4477



- CONSTRUCTION NOTES:**
- 20' WIDE DRIVEWAY
 - 16' WIDE DRIVEWAY
 - 10' WIDE DRIVEWAY
 - 10' WIDE DRIVEWAY PAD
 - 4' WIDE CURB RAMP
 - 4' WIDE CURB RAMP
 - NOT USED
 - BEGIN CURB AND GUTTER
 - BEGIN CURB TRANSITION
 - BEGIN ROLLED CURB
 - MAIL BOX PAD
 - 16' WIDE DRIVEWAY PAD
 - 16' WIDE DRIVEWAY PAD
 - 18' WIDE DRIVEWAY PAD
 - 5' WIDE CURB RAMP
 - 28' WIDE DRIVEWAY
 - 14' WIDE DRIVEWAY
 - 4' WIDE LOT PATH
 - NOT USED
 - 11' WIDE DRIVEWAY PAD

- NOTES:**
- SEE SEC. 3.02 FOR SIDEWALK WIDTHS.
 - SEE SECS. 2.02 AND 2.03 FOR PAVEMENT AND SHOULDER WIDTHS.
 - SHOULDER SHALL BE SURFACED AS REQUIRED BY SECS. 3.07 AND 4.01. PAVED SHOULDER SLOPE SHALL MATCH CROWN SLOPE OR 0.02 FT./FT.
 - SEE FIG. 3-001 FOR CURB AND SIDEWALK JOINTS.
 - THIS DETAIL APPLIES TO ROLLED AND VERTICAL CURB ROADWAYS.

CEMENT CONCRETE SIDEWALK TRANSITION TO ASPHALT SHOULDER
KCDOT FIG. 3-014



Jul 16, 2019 - 2:57pm
 Kevind
 Z:\160001-160099\1600206 (Greenbridge)\CAD\Design\02-Design Development\Grading & Drainage\04-CB-HC-06.dwg

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY	DESIGNED BY
KMB, TAD	BB, SZ
CHECKED BY	APPROVED BY
JCG	MAV
DATE	
JULY 18, 2019	
J O B No. : 1600206	

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SCALE: AS NOTED

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King County Housing Authority

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
HORIZONTAL CONTROL AND PAVING PLAN

DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION
Final Corrected Plans

REVIEWER: _____ DATE: _____
SCOTT SMITH, P.E. DEVELOPMENT ENGINEER

SHEET **HC-9**

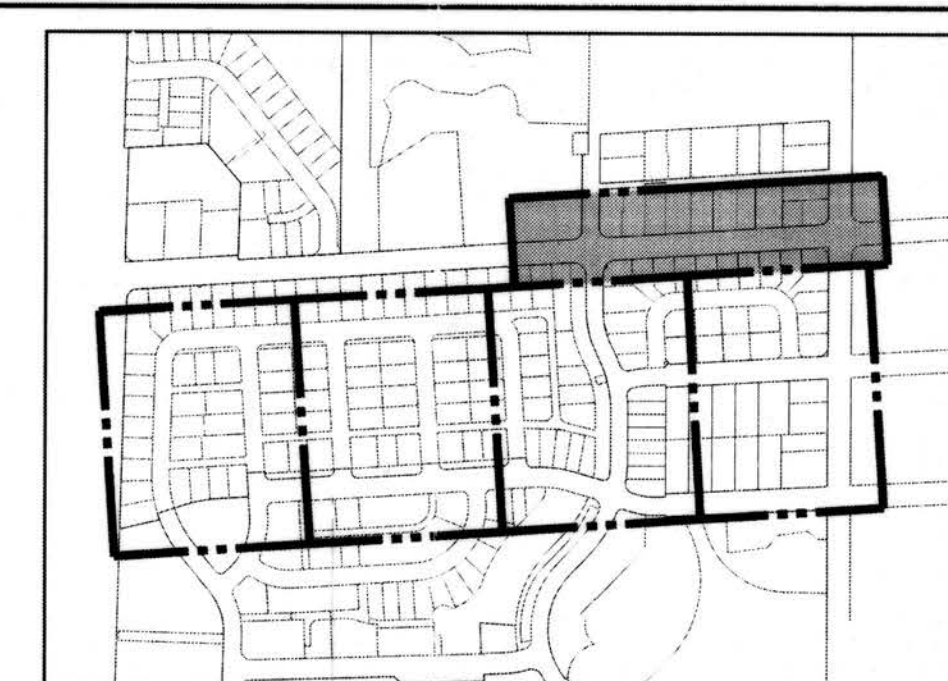
PROJECT NO. STRV17-0006
ACTIVITY NO.

HORIZONTAL CONTROL NOTES:

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KEY MAP
NTS

CONSTRUCTION NOTES:

- 20' WIDE DRIVEWAY
- 16' WIDE DRIVEWAY
- 10' WIDE DRIVEWAY
- 10' WIDE DRIVEWAY PAD
- 4' WIDE CURB RAMP
- 4' WIDE CURB RAMP
- NOT USED
- BEGIN CURB AND GUTTER
- BEGIN CURB TRANSITION
- BEGIN ROLLED CURB
- MAIL BOX PAD
- 16' WIDE DRIVEWAY PAD
- 18' WIDE DRIVEWAY PAD
- 5' WIDE CURB RAMP
- 28' WIDE DRIVEWAY
- 14' WIDE DRIVEWAY
- 4' WIDE LOT PATH
- NOT USED
- 11' WIDE DRIVEWAY PAD

LEGEND

- LOT NUMBER
- SURVEY MONUMENT
- STOP SIGN PER MUTCD STANDARD, SEE NOTE 4
- ASPHALT PAVING
- CONCRETE PAVING
- GRAVEL (REFER TO P SHEETS)

DATUM

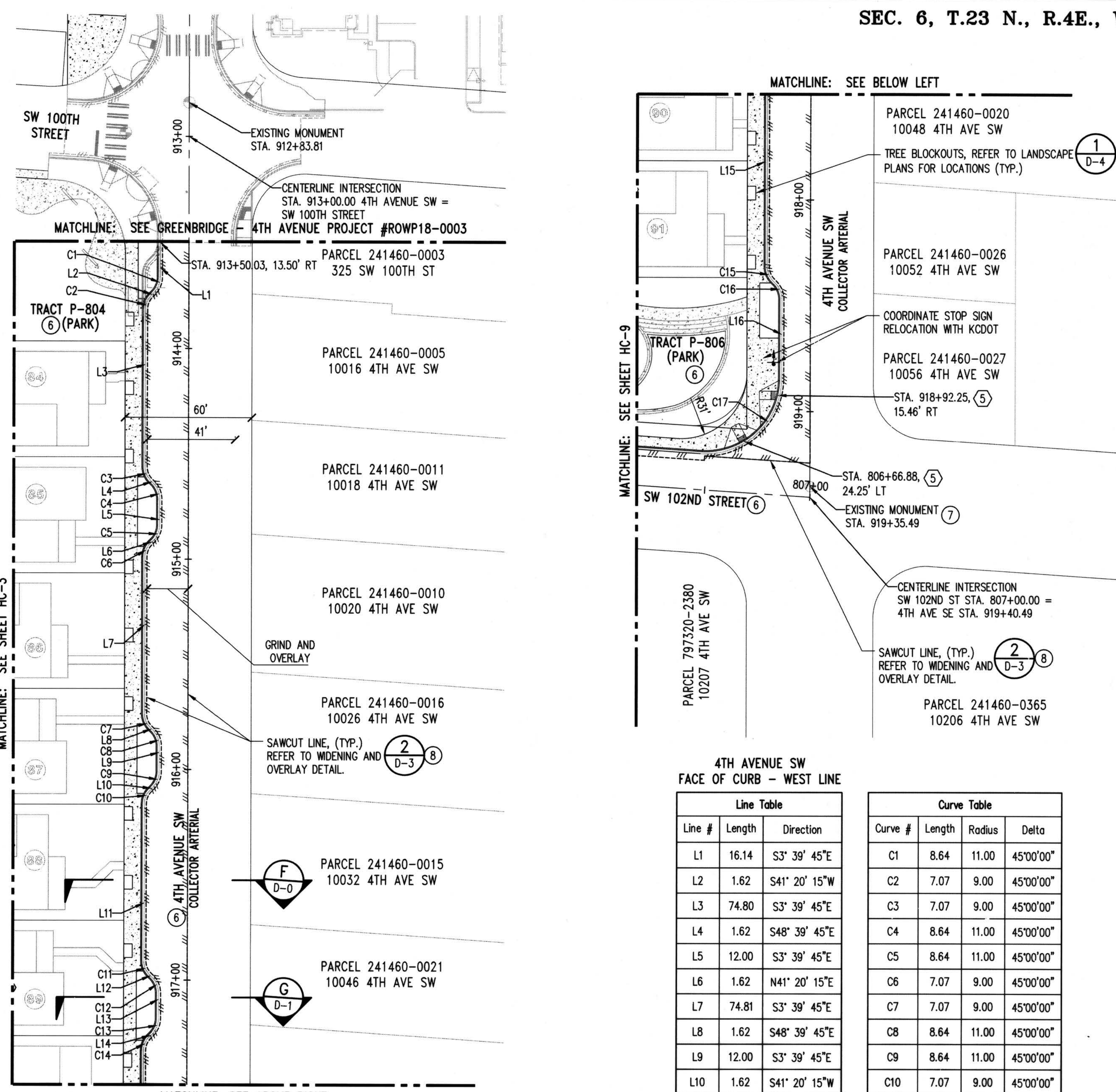
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE COORDINATES
NORTH ZONE PER KING COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



0 15 30 60
1 inch = 30 feet

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans
Reviewer: _____ Date: _____
Scott Smith P.E.
Development Engineer



**4TH AVENUE SW
FACE OF CURB - WEST LINE**

Line #	Length	Direction
L1	16.14	S3° 39' 45"E
L2	1.62	S41° 20' 15"W
L3	74.80	S3° 39' 45"E
L4	1.62	S48° 39' 45"E
L5	12.00	S3° 39' 45"E
L6	1.62	N41° 20' 15"E
L7	74.81	S3° 39' 45"E
L8	1.62	S48° 39' 45"E
L9	12.00	S3° 39' 45"E
L10	1.62	S41° 20' 15"W
L11	74.70	S3° 39' 45"E
L12	1.62	S48° 39' 45"E
L13	12.00	S3° 39' 45"E
L14	1.62	S41° 20' 15"W
L15	98.03	N3° 39' 45"W
L16	37.35	S3° 39' 45"E

Curve #	Length	Radius	Delta
C1	8.64	11.00	45°00'00"
C2	7.07	9.00	45°00'00"
C3	7.07	9.00	45°00'00"
C4	8.64	11.00	45°00'00"
C5	8.64	11.00	45°00'00"
C6	7.07	9.00	45°00'00"
C7	7.07	9.00	45°00'00"
C8	8.64	11.00	45°00'00"
C9	8.64	11.00	45°00'00"
C10	7.07	9.00	45°00'00"
C11	7.07	9.00	45°00'00"
C12	8.64	11.00	45°00'00"
C13	8.64	11.00	45°00'00"
C14	7.07	9.00	45°00'00"
C15	7.07	9.00	45°00'00"
C16	8.64	11.00	45°00'00"
C17	58.91	36.00	93°45'43"

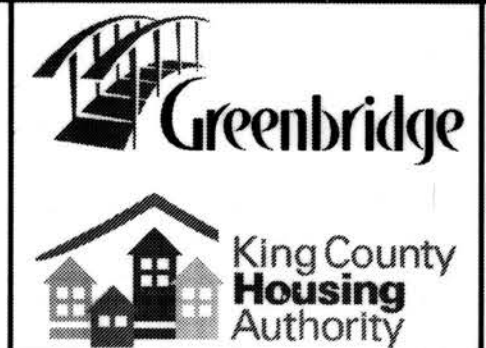
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Z:\1600001-1600995\1600206 (Greenbridge)\CAD\Design\02-Design Development\Grading & Drainage\04-CB-HC-06.dwg Jul 16, 2019 - 2:57pm KewB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

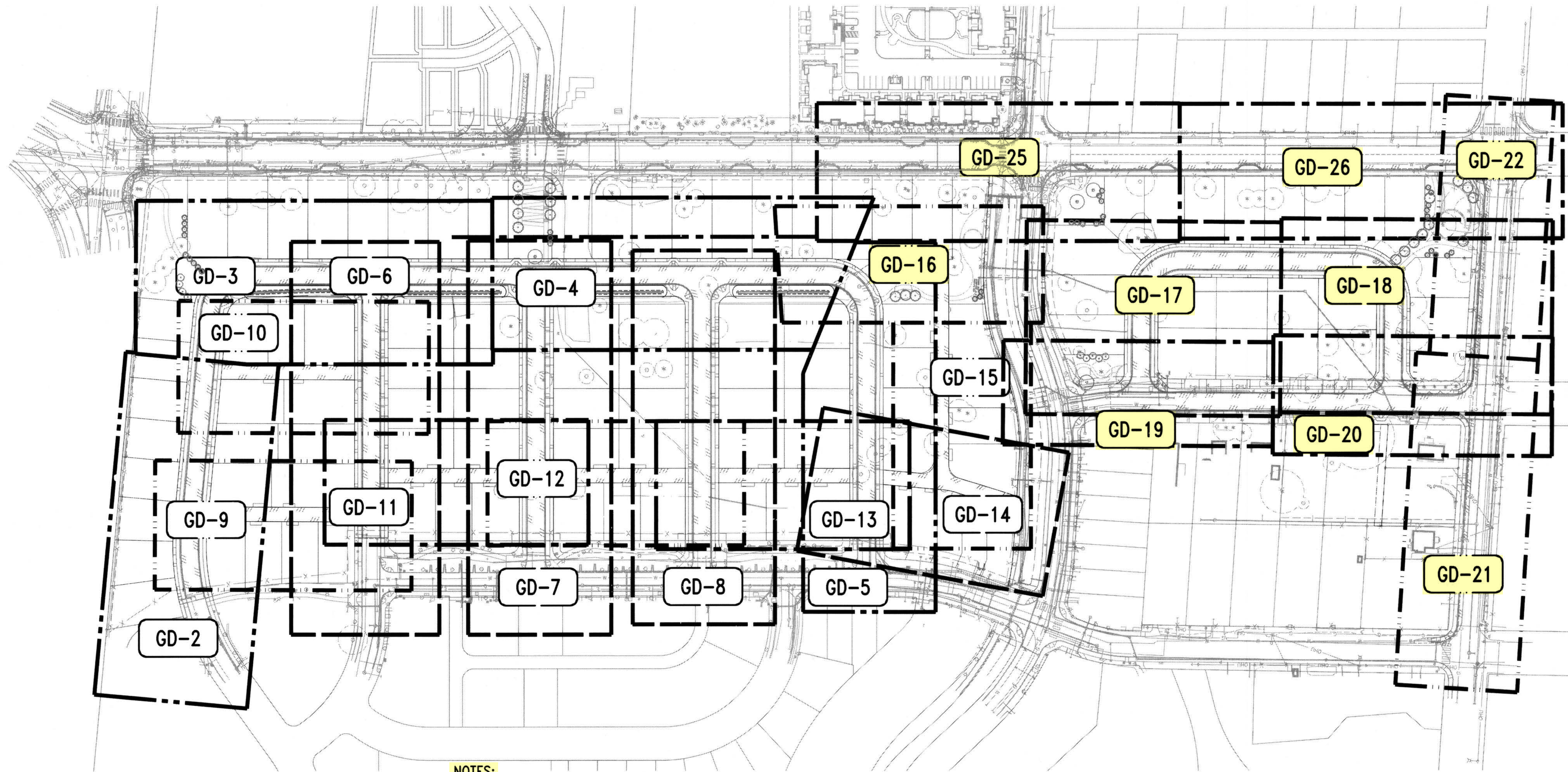
DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
JOB No.: 1600206	



KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
HORIZONTAL CONTROL AND PAVING PLAN

SHEET
HC-10

PROJECT NO. STRV17-0006
ACTIVITY NO.



NOTES:

1. FOR HORIZONTAL CONTROL OF CURBS, ADA RAMP AND OTHER RAMP SEE SHEETS HC-5 THROUGH HC-10.
2. STORM DRAINAGE STRUCTURES SHALL HAVE VANED GRATES PER KORDCS, UNLESS OTHERWISE NOTED.
3. DRAINAGE STRUCTURE OFFSETS SHALL BE TO FLOWLINE OF ADJACENT CURB PER ROAD SECTIONS ON SHEETS D-0 AND D-1. CONTRACTOR IS RESPONSIBLE FOR FINAL PLACEMENT OF THE STRUCTURE AND GRATES RELATIVE TO THE CURB FLOWLINE IN CONFORMANCE WITH DETAILS A & B, SHEET GD-27. WHERE STRUCTURES ARE NOT ADJACENT TO A CURB THE OFFSET PROVIDED IS TO CENTER OF STRUCTURE. A B
4. CONTRACTOR SHALL ADJUST EXISTING STRUCTURE RIMS, TO REMAIN, TO FINISHED GRADE.
5. NOTIFY PROJECT ARBORIST ONE WEEK IN ADVANCE PRIOR TO EXCAVATING NEAR PROTECTED TREES. REFER TO SHEET TESC-1.
6. STORM DRAINAGE PROFILE LENGTHS OF PIPE DO NOT MATCH TO PLAN VIEW DUE TO THE CURVATURE OF THE ROAD CENTERLINE. DRAINAGE STRUCTURES ARE IN LINE WITH ROAD CENTERLINE STATIONS.
7. EXISTING FEATURES ARE NOT SHOWN FOR CLARITY. CONTRACTOR SHALL REFER TO THE SURVEY PLANS AND FIELD OBSERVATION FOR UTILITIES AND EXISTING STRUCTURES THAT MAY BE ENCOUNTERED DURING TRENCHING.
8. CONTRACTOR SHALL SAWCUT 18" MIN. OF EXISTING ASPHALT. MATCH TO EXISTING ROAD. 2
D-3
9. CONTRACTOR SHALL REPLACE DAMAGED EXISTING SURFACES IN KIND PER KORDCS STANDARDS. ALL SIDEWALK AND CURB REPLACEMENT SHALL BE TO NEAREST JOINT.
10. SEE GRADING SHEETS FOR PROJECT LIMITS AND CURVE DATA TABLES.
11. ALL PIPE MATERIAL SHALL MEET THE REQUIREMENTS FOR THE KING COUNTY SURFACE WATER MANUAL, KING COUNTY ROAD STANDARDS, AND PROJECT SPECIFICATIONS, UNLESS OTHERWISE NOTED.
12. ROOF DRAIN SLOPE TRANSITIONS OCCUR AT CLEANOUTS. INSTALL CLEANOUTS TO FINISHED GRADE.
13. CONNECT EXISTING SD TO CB. ADJUST CB PLACEMENT AS NEEDED.
14. CONTRACTOR SHALL GRADE TO ENSURE POSITIVE DRAINAGE TO CB ALONG ROW.
15. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL POTHOLE EXISTING DUCT BANKS AT INTERSECTION OF PROPOSED SW 100TH PLACE AND 5TH AVENUE SW AND SHALL NOTIFY ENGINEER IF DESIGN MODIFICATIONS ARE NECESSARY TO MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION PER SEATTLE CITY LIGHT STANDARDS.
16. TRANSITION FROM PERFORATED FRENCH DRAIN PIPE TO SOLID PIPE OCCURS AT CLEANOUT WHERE INDICATED ON PLAN.
17. CONTRACTOR SHALL PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING BIORETENTION SWALE/RAINGARDEN FACILITIES DURING CONSTRUCTION. IF AMENDED SOILS FOR THESE FACILITIES BECOMES PLUGGED FROM CONSTRUCTION SEDIMENT OR UNSUITABLE FROM CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF THESE FACILITIES.

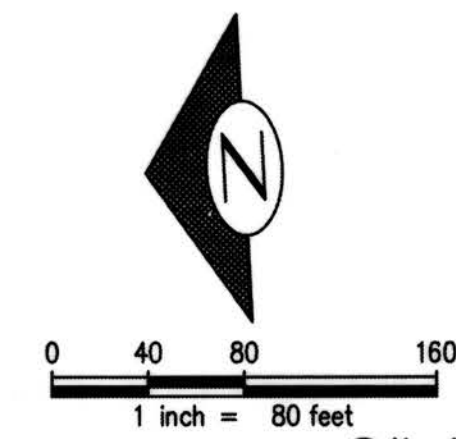
CONTRACTOR IS ALERTED TO THE FACT THAT WORK WILL BE ACCOMPLISHED AROUND ACTIVE PSE GAS AND ENERGIZED SEATTLE CITY LIGHT (SCL) FACILITIES THAT ARE SERVING EXISTING CUSTOMERS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO DETERMINE WHICH FACILITIES ARE ACTIVE AND ENERGIZED AND SHALL IMPLEMENT SAFETY PROCEDURES PER PSE AND SCL REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO ENSURE THAT FACILITIES ARE IN PLACE TO MAINTAIN SERVICE TO CUSTOMERS THROUGHOUT CONSTRUCTION.

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING
COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88

RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____
Scott Smith P.E. Development Engineer

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
JOB No. : 1600206	

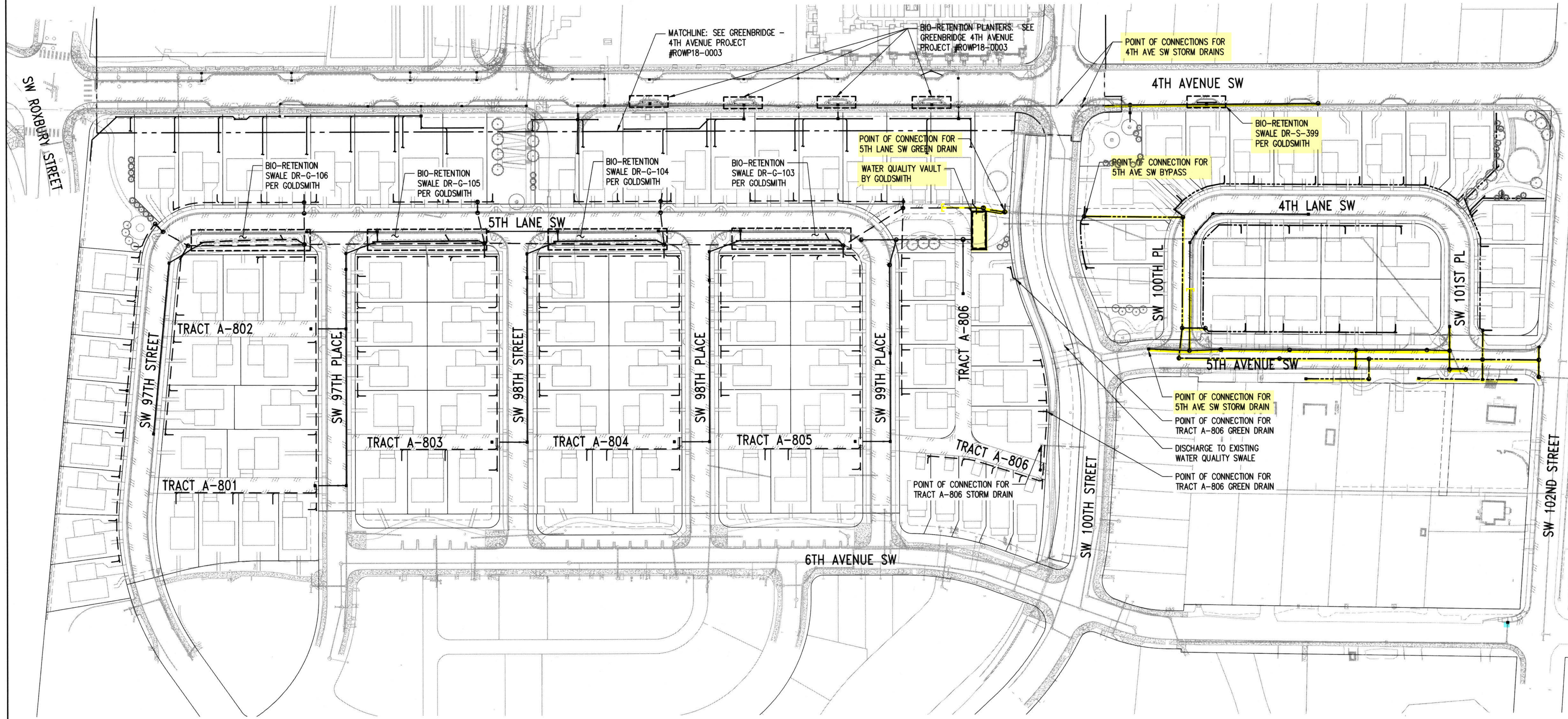


KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
DRAINAGE NOTES

SHEET
GD-0

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Jul 16, 2019 - 2:58pm
KevinB

ACTIVITY NO. PROJECT NO. STRV7-0006



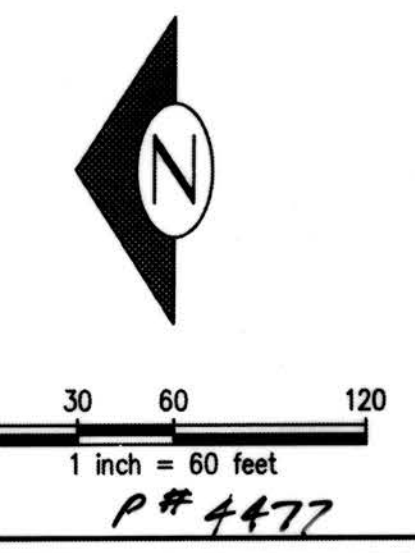
- LEGEND**
- PROPOSED GREEN DRAIN
 - PROPOSED STORM DRAIN
 - - - - - PROPOSED BYPASS DRAIN
 - EXISTING STORM DRAIN
 - - - - - PROPOSED RAIN GARDEN/BIOSWALE

RECORD DRAWINGS

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DATUM
 HORIZONTAL DATUM:
 NAD 83/91 WASHINGTON STATE PLANE
 COORDINATES NORTH ZONE PER KING
 COUNTY GPS CONTROL.

VERTICAL DATUM:
 NAVD 88



DEPARTMENT OF LOCAL SERVICES
 PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
 Development Engineer

Jul 16, 2019 - 2:59pm KevdB Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\Grading & Drainage\09-C8-C0-01 Overall.dwg

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
 KMB, TAD
 CHECKED BY
 JCG
 DESIGNED BY
 BB, SZ
 APPROVED BY
 MAV
 DATE
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 King County
 Housing
 Authority

SCALE:
 AS NOTED

KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

OVERALL DRAINAGE PLAN

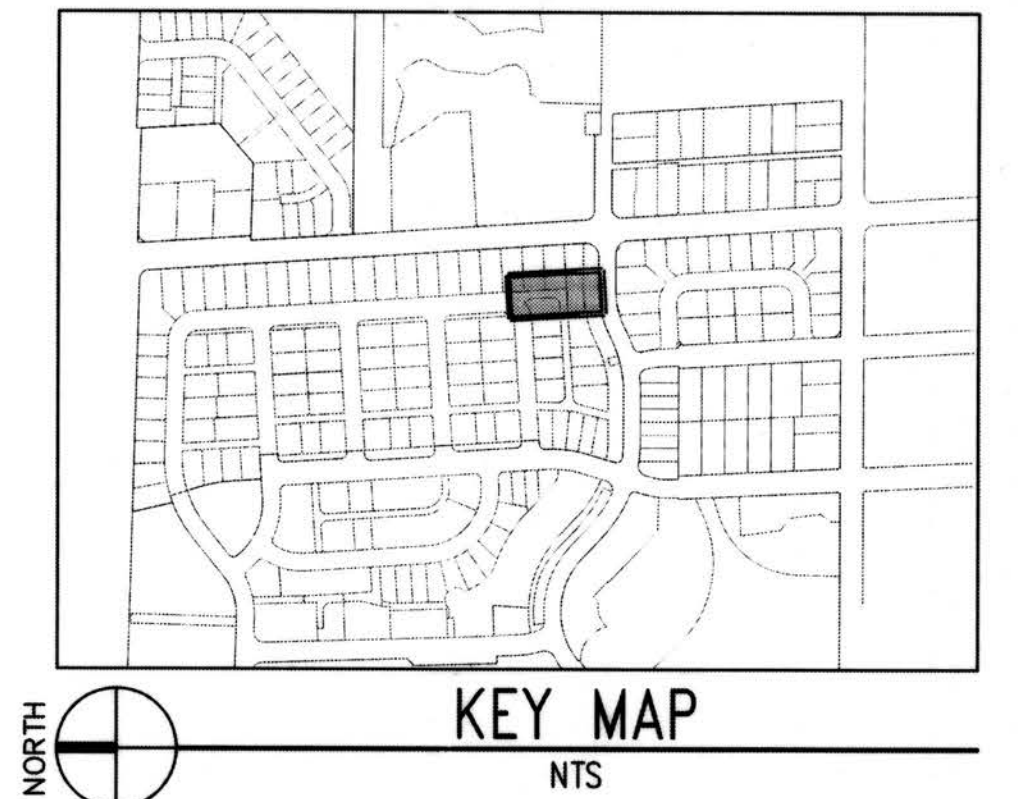
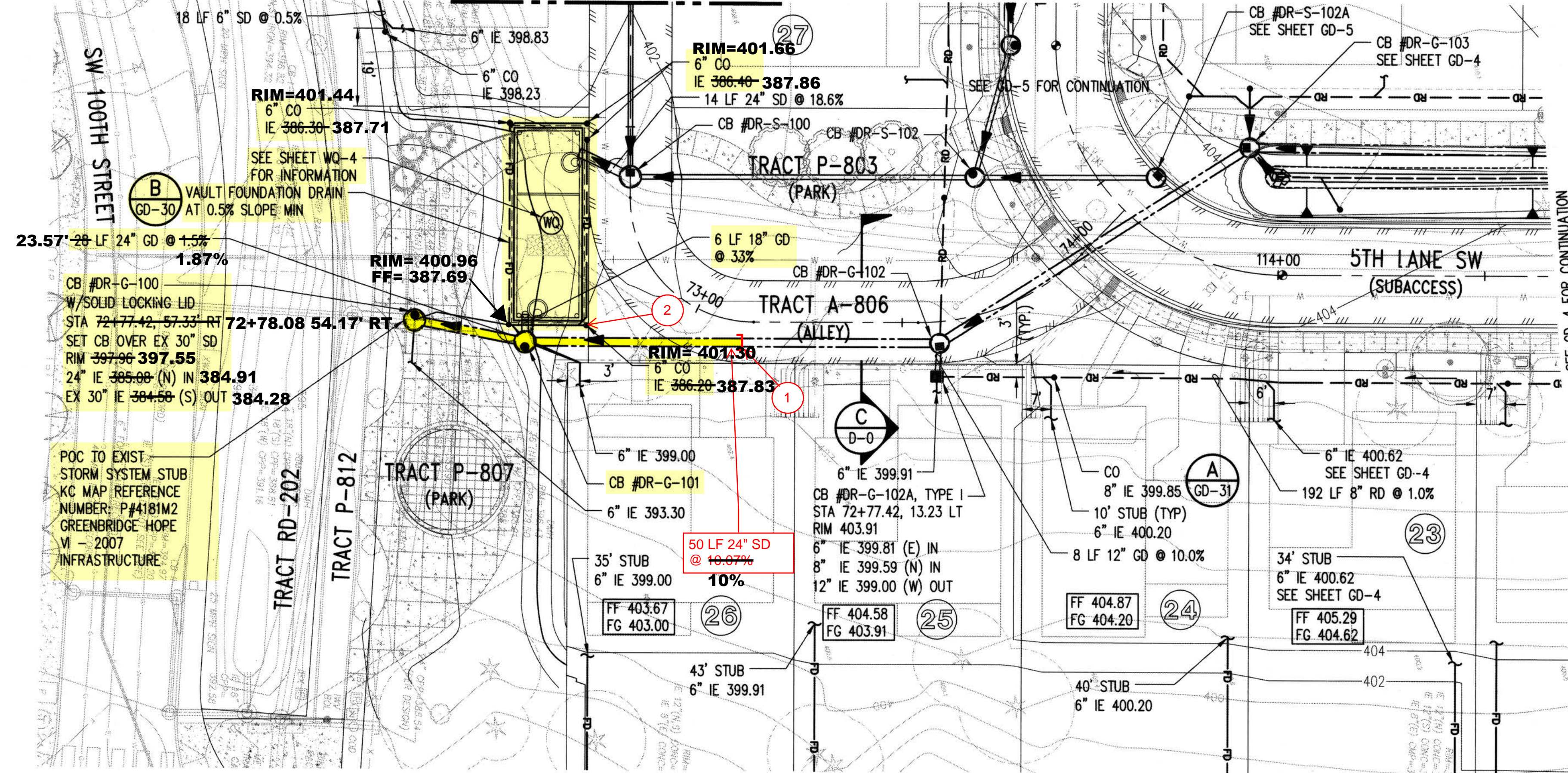
SHEET

GD-1

PROJECT NO. STRV17-0006
 ACTIVITY NO.

SEC. 6, T.23 N., R.4E., W.M.

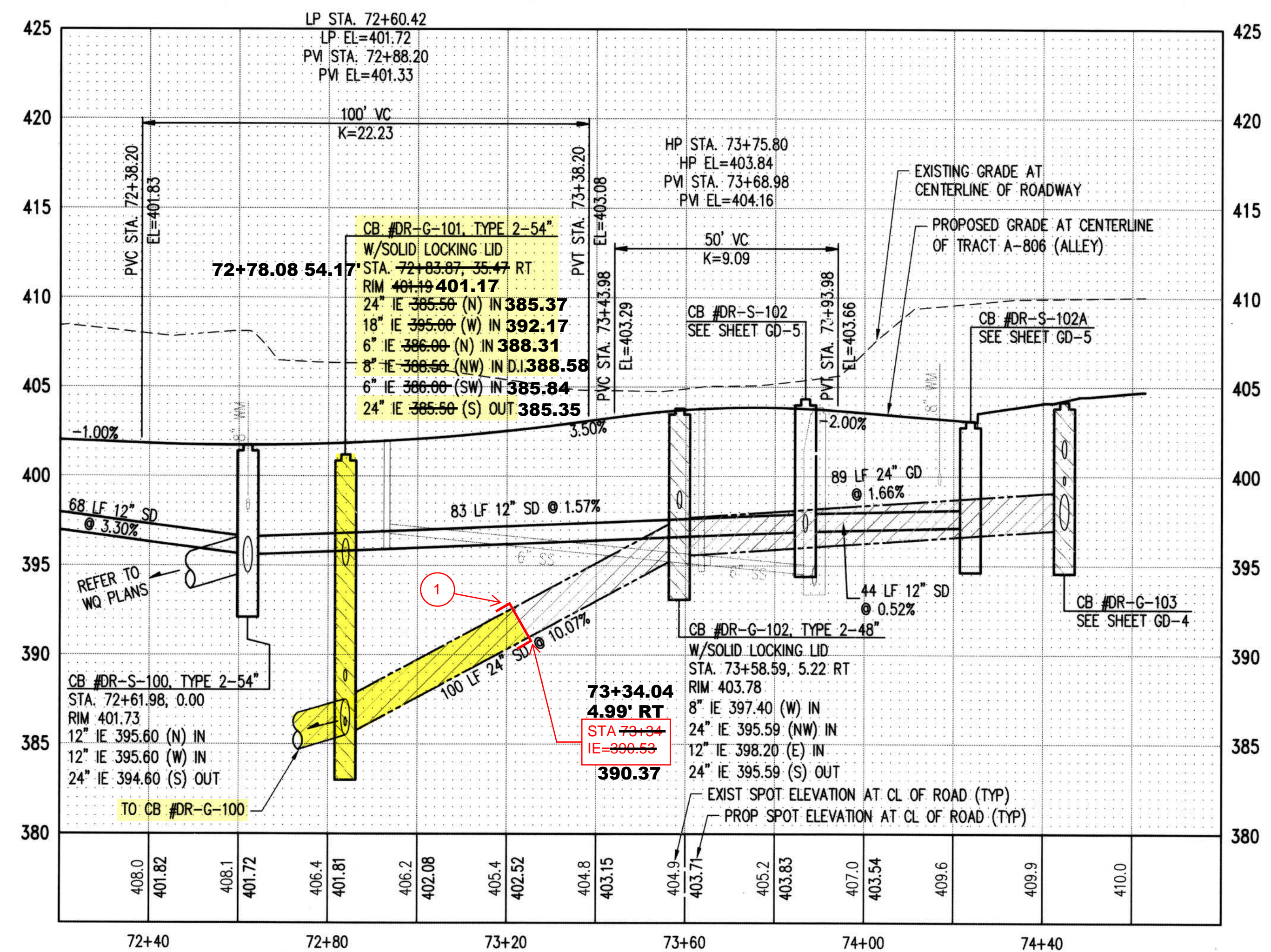
MATCHLINE: STA 72+20.00
SEE SHEET GD-15



NOTES:
1. REFER TO GD-0 FOR GENERAL NOTES

- LEGEND:**
- KCC TYPE 1 CATCH BASIN
 - KCC TYPE 2 CATCH BASIN
 - CLEANOUT
 - ==== STORM DRAIN (PLAN)
 - ==== STORM DRAIN (PROFILE)
 - ==== GREEN STORM DRAIN (PLAN)
 - ==== GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - RD--- ROOF DRAIN
 - FRENCH DRAIN

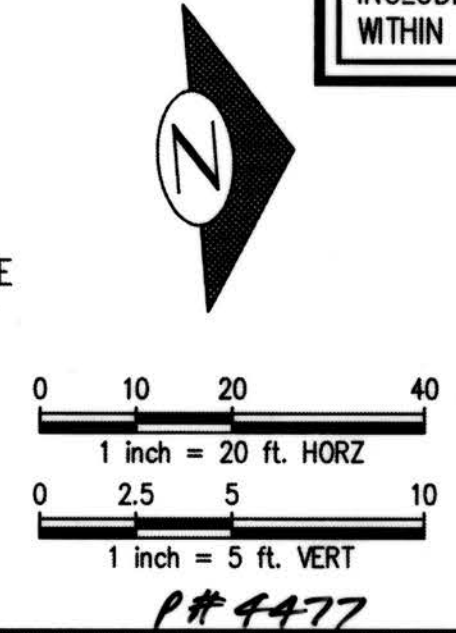
- ① CAP END OF STUB. INSTALL END POST MARKER PER SPECIFICATIONS.
- ② PROVIDE CONCRETE COLLAR FOR CLEANOUTS. REFER TO DETAIL B, SHEET GD-30.



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TRACT RD-2 AND TRACT RD-202 NOTE:
TRACT RD-2 AND TRACT RD-202 ARE KING COUNTY PROPERTY. NO WORK SHALL OCCUR WITHIN TRACT RD-202. ANY WORK WITHIN TRACT RD-2 SHALL REQUIRE PERMISSION FROM KING COUNTY FOR RIGHT OF ENTRY AND SHALL REQUIRE A SPECIAL USE PERMIT. THIS INCLUDES WORK ALLOWED WITHIN PRIOR EASEMENT AREAS WITHIN THE TRACTS.

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.
VERTICAL DATUM:
NAVD 88



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans
Reviewer: _____ Date: _____
Scott Smith P.E.
Development Engineer

Z:\160001-1600206 (Greenbridge) CAD\Design\02-Design Development\Grading & Drainage\02-CB-GD-15 Alley C.dwg
Jul 16, 2019 - 3:07pm
KewB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV
DATE: JULY 18, 2019
JOB No.: 1600206

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two business days before you dig

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206.622.5822
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Greenbridge
King County
Housing
Authority

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
TRACT A-806 PLAN AND PROFILE

SHEET: **GD-16**

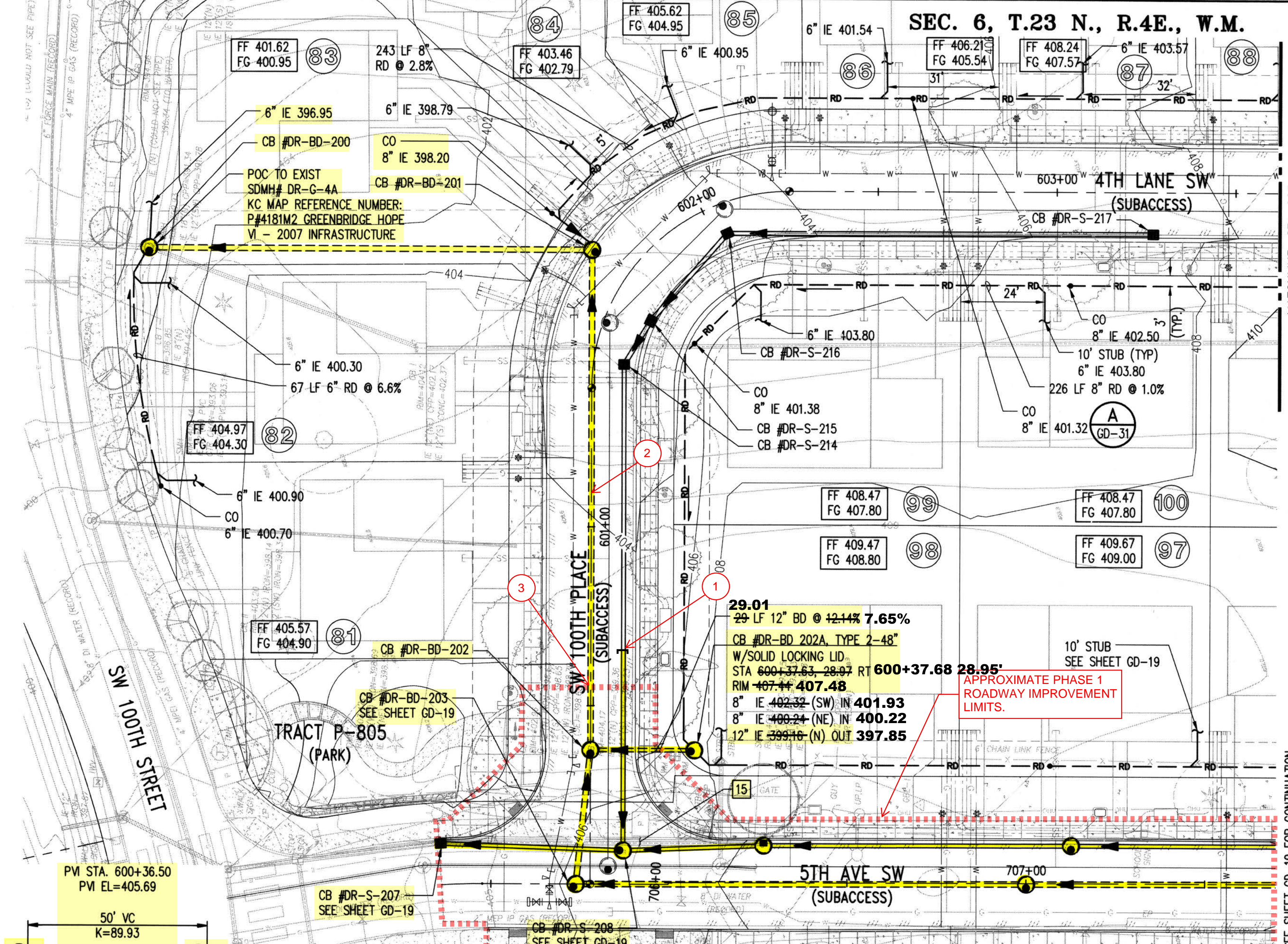
PROJECT NO. STRV17-0006
ACTIVITY NO.

Z:\1600001 - 1600099\1600206 (Greenbridge)\CAD\Design\02-Design Development\Crossing & Drainage\02-CB-GD-17-5th_P1_SW.dwg

KenB

Jul 16, 2019 - 3:08pm

SEC. 6, T.23 N., R.4E., W.M.



NORTH
KEY MAP
NTS

- NOTES:**
- CAP END OF STUB, 10' PAST ROADWAY IMPROVEMENTS. INSTALL END POST MARKER PER PROJECT SPECIFICATIONS.
 - REFER TO INTERIM GRADING EXHIBIT FIGURE 3/4 FOR GRADING BEHIND THE SIDEWALK.
 - END STREET, SIDEWALK, CURB AND GUTTER IMPROVEMENTS AT STA 600+55.

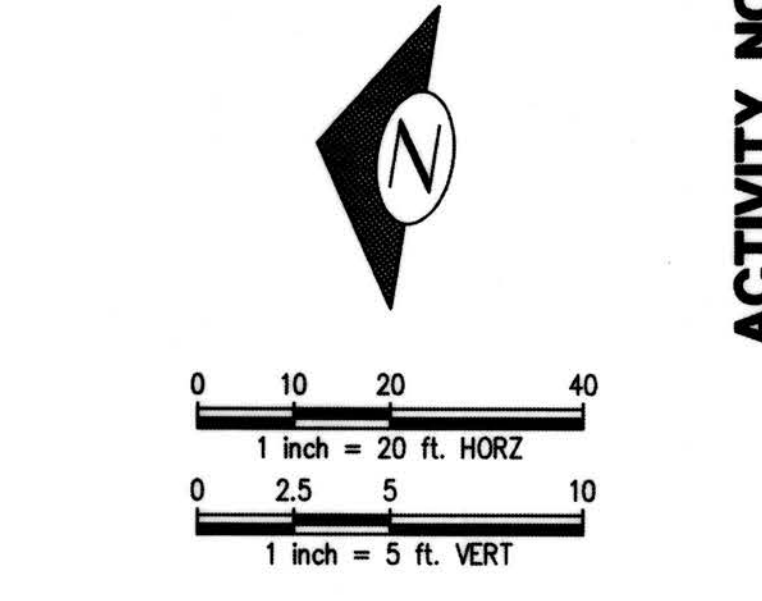
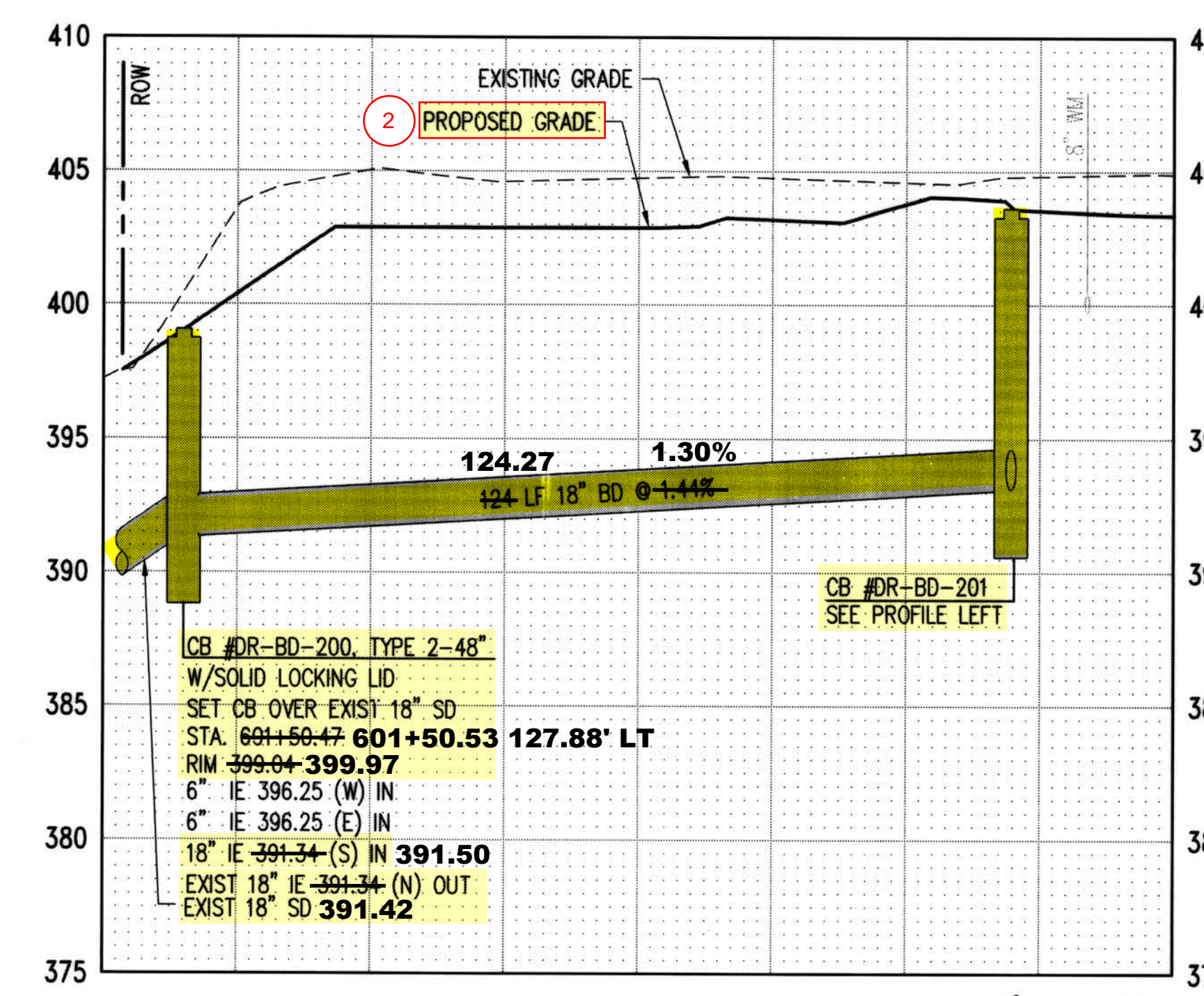
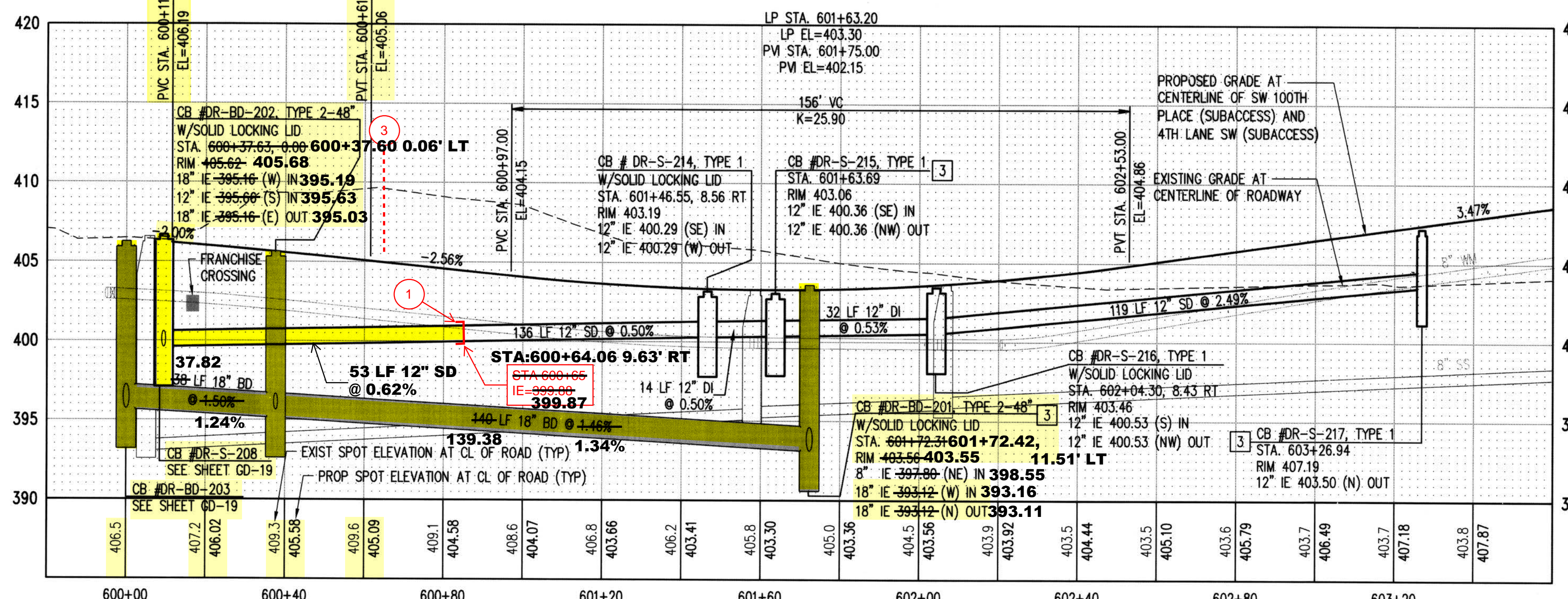
NOTES:

- REFER TO GD-0 FOR GENERAL NOTES

- LEGEND:**
- KCC TYPE 1 CATCH BASIN
 - KCC TYPE 2 CATCH BASIN
 - CLEANOUT
 - STORM DRAIN (PLAN)
 - STORM DRAIN (PROFILE)
 - GREEN STORM DRAIN (PLAN)
 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - ROOF DRAIN
 - FRENCH DRAIN

RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.



DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING
COUNTY GPS CONTROL

VERTICAL DATUM:
NAVD 88

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

NO.	DATE	BY	CHD.	APPR.	REVISION
03/18/22	SJZ	JCG	JF		FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV

DATE: JULY 18, 2019

JOB No.: 1600206



KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

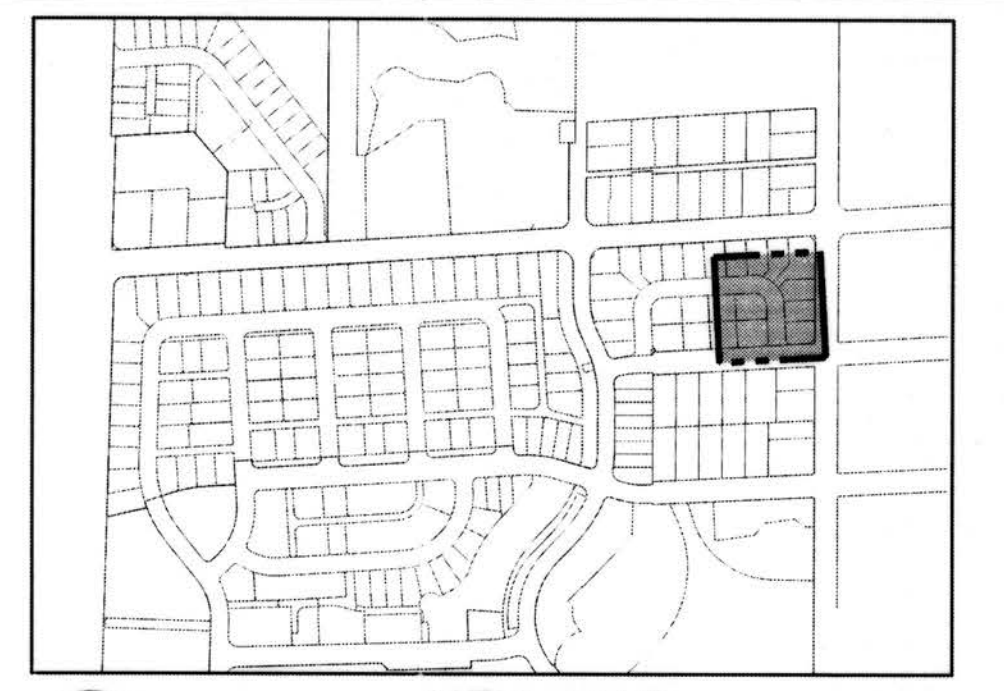
GREENBRIDGE DIVISION 8

SW 100TH PLACE AND 4TH LANE SW PLAN AND PROFILE

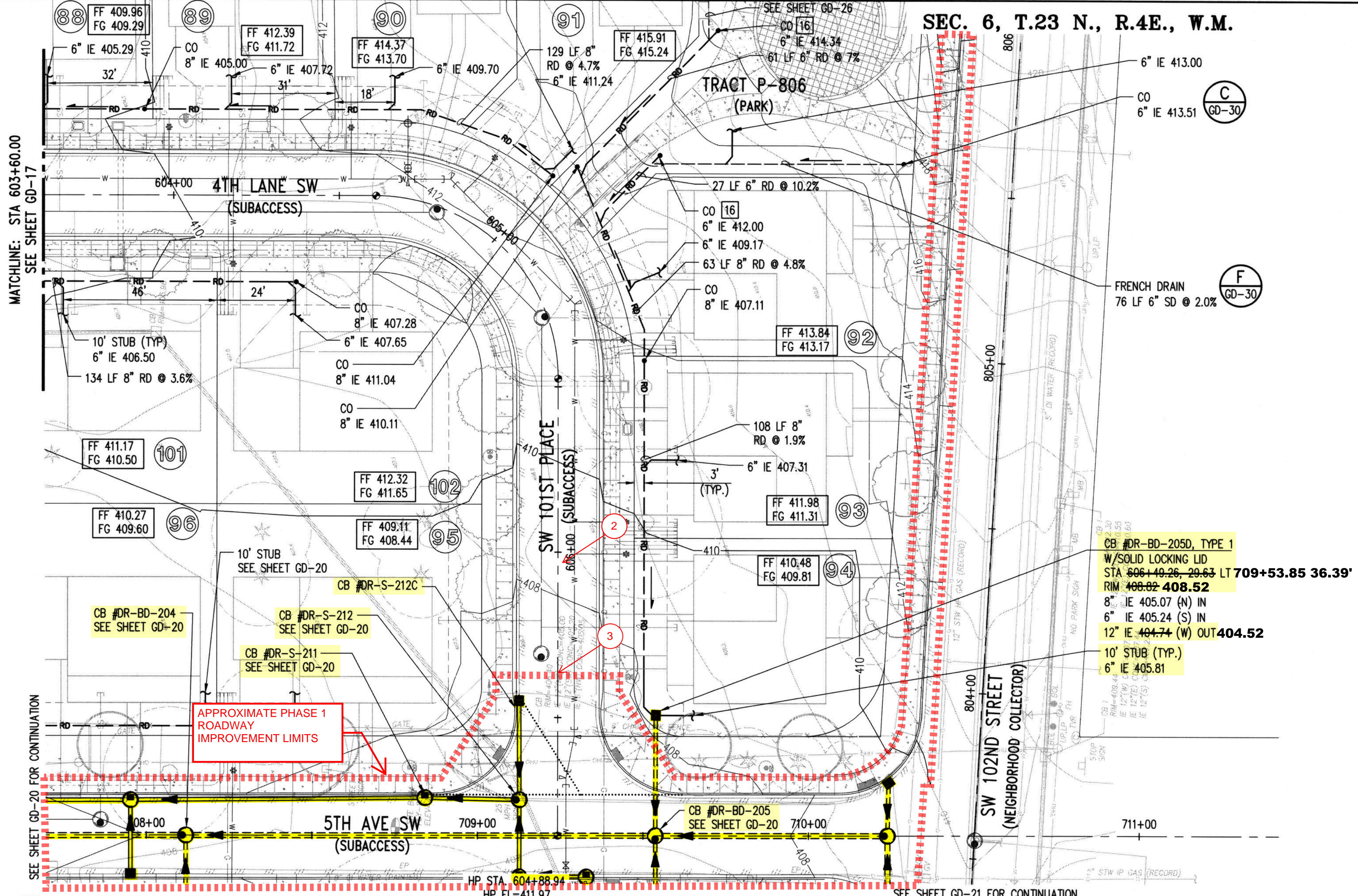
SHEET: GD-17

PROJECT NO. STRV17-0006
ACTIVITY NO.

SEC. 6, T.23N., R.4E., W.M.



KEY MAP
NTS



1. CAP END OF STUB, 10' PAST ROADWAY IMPROVEMENTS. INSTALL END POST MARKER PER PROJECT SPECIFICATIONS.
2. REFER TO INTERIM GRADING EXHIBIT FIGURE 3/4 FOR GRADING BEHIND THE SIDEWALK.
3. END STREET, SIDEWALK, CURB AND GUTTER IMPROVEMENTS AT STA 606+37

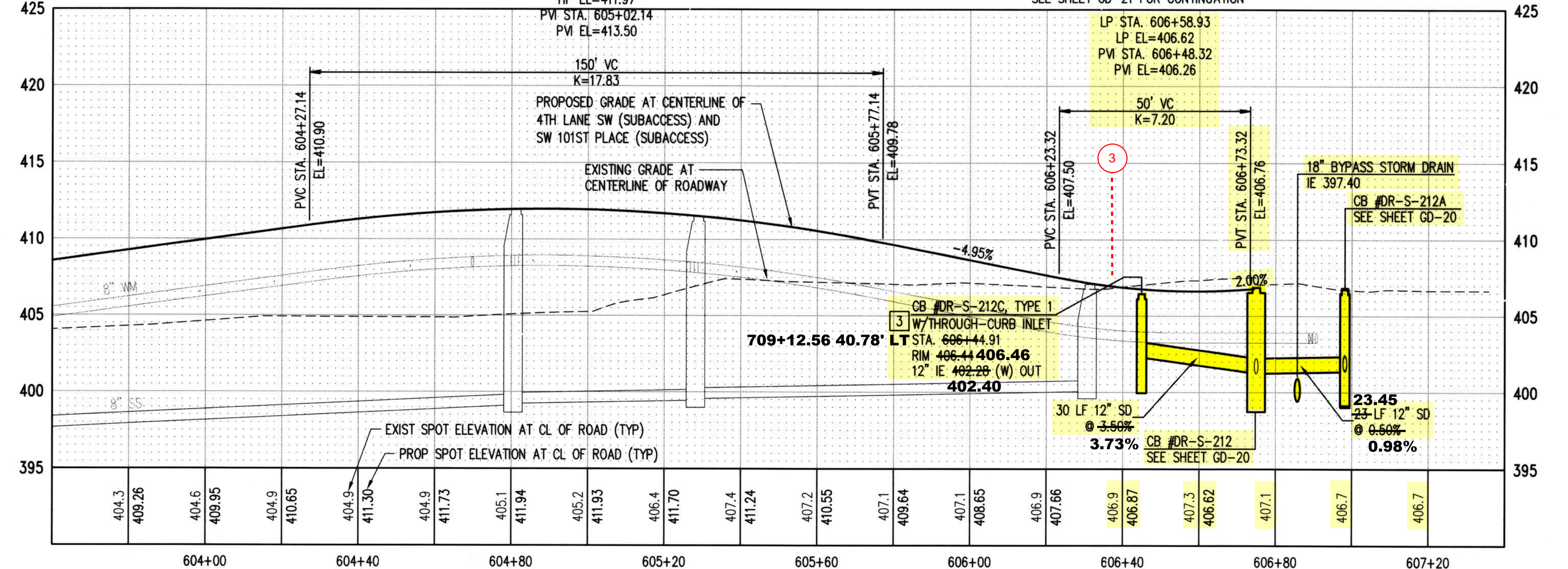
NOTES:

1. REFER TO GD-0 FOR GENERAL NOTES

LEGEND:

- KCC TYPE 1 CATCH BASIN
- KCC TYPE 2 CATCH BASIN
- CLEANOUT
- STORM DRAIN (PLAN)
- STORM DRAIN (PROFILE)
- GREEN STORM DRAIN (PLAN)
- GREEN STORM DRAIN (PROFILE)
- BYPASS STORM DRAIN (PLAN)
- BYPASS STORM DRAIN (PROFILE)
- ROOF DRAIN
- FRENCH DRAIN

APPROXIMATE PHASE 1 ROADWAY IMPROVEMENT LIMITS



RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

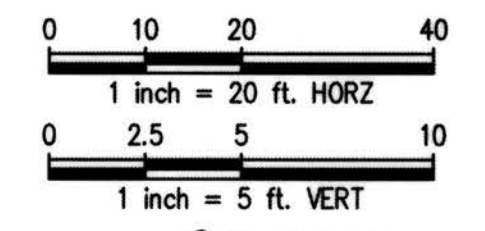
Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING
COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



P# 4477

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KevB

NO.	DATE	BY	CHD.	APPR.	REVISION
03/18/22		SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
KMB, TAD

DESIGNED BY
BB, SZ

CHECKED BY
JCG

APPROVED BY
MAV

DATE
JULY 18, 2019

J O B No. : 1600206

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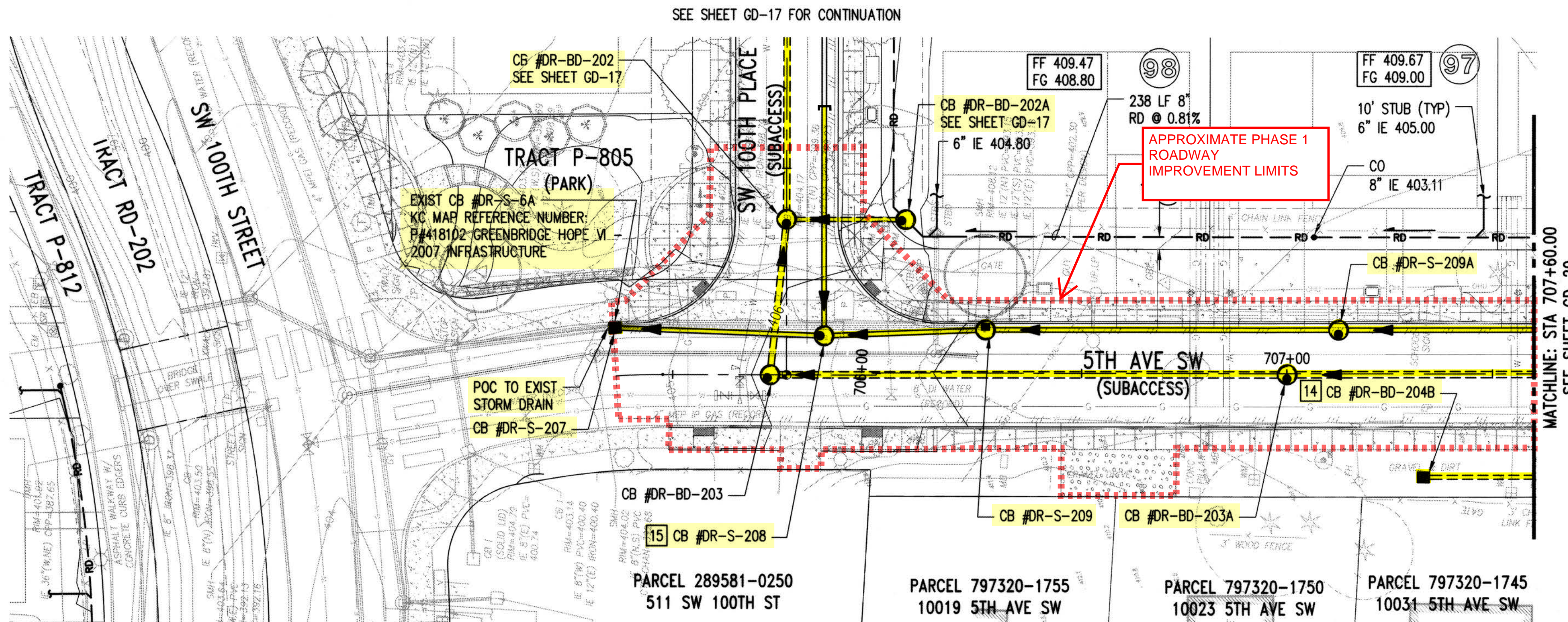
GREENBRIDGE DIVISION 8

4TH LANE SW AND SW 101ST PLACE PLAN AND PROFILE

SHEET
GD-18

PROJECT NO. STRV17-0006
ACTIVITY NO.

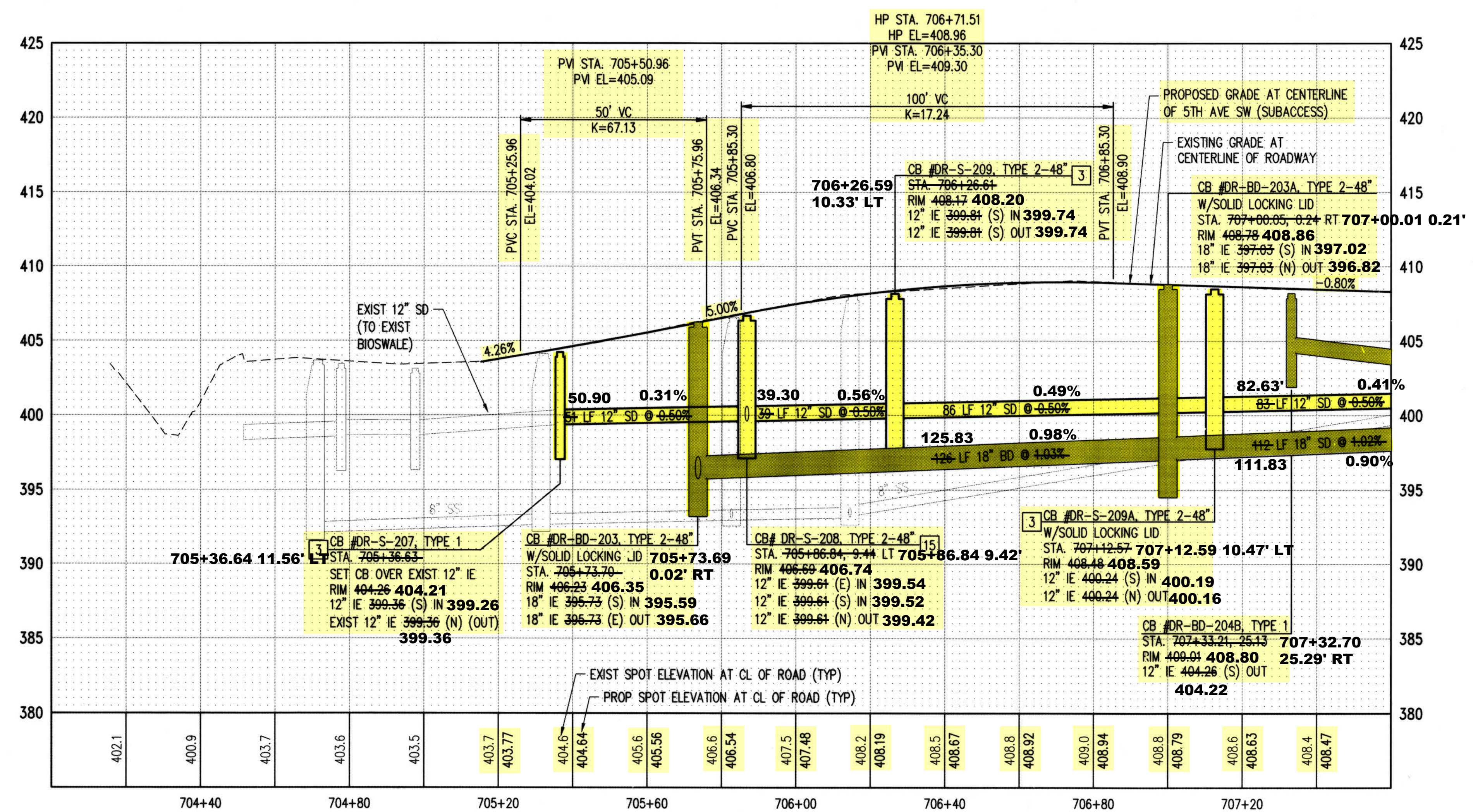
SEC. 6, T.23 N., R.4E., W.M.



KEY MAP
NTS

NOTES:
1. REFER TO GD-0 FOR GENERAL NOTES

- LEGEND:
- KC TYPE 1 CATCH BASIN
 - KKC TYPE 2 CATCH BASIN
 - CLEANOUT
 - STORM DRAIN (PLAN)
 - STORM DRAIN (PROFILE)
 - GREEN STORM DRAIN (PLAN)
 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - ROOF DRAIN
 - FRENCH DRAIN

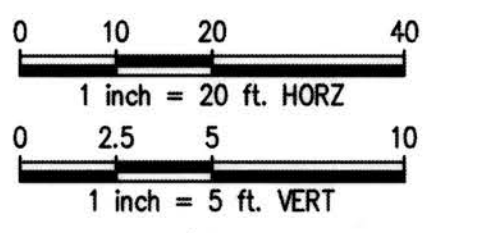


RECORD DRAWINGS

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TRACT RD-2 AND TRACT RD-202 NOTE:
TRACT RD-2 AND TRACT RD-202 ARE KING COUNTY PROPERTY. NO WORK SHALL OCCUR WITHIN TRACT RD-202. ANY WORK WITHIN TRACT RD-2 SHALL REQUIRE PERMISSION FROM KING COUNTY FOR RIGHT OF ENTRY AND SHALL REQUIRE A SPECIAL USE PERMIT. THIS INCLUDES WORK ALLOWED WITHIN PRIOR EASEMENT AREAS WITHIN THE TRACTS.

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

Z:\1600001-1600999\1600206 (Greenbridge)\CAD\02-Design Development\Grading & Drainage\22-08 GD-19 5th Ave SW.dwg
KevinB
Jul 16, 2019 - 3:09pm

NO.	DATE	BY	CHD.	APPR.	REVISION
03/18/22		SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV

DATE: JULY 18, 2019

JOB No.: 1600206



SCALE: AS NOTED

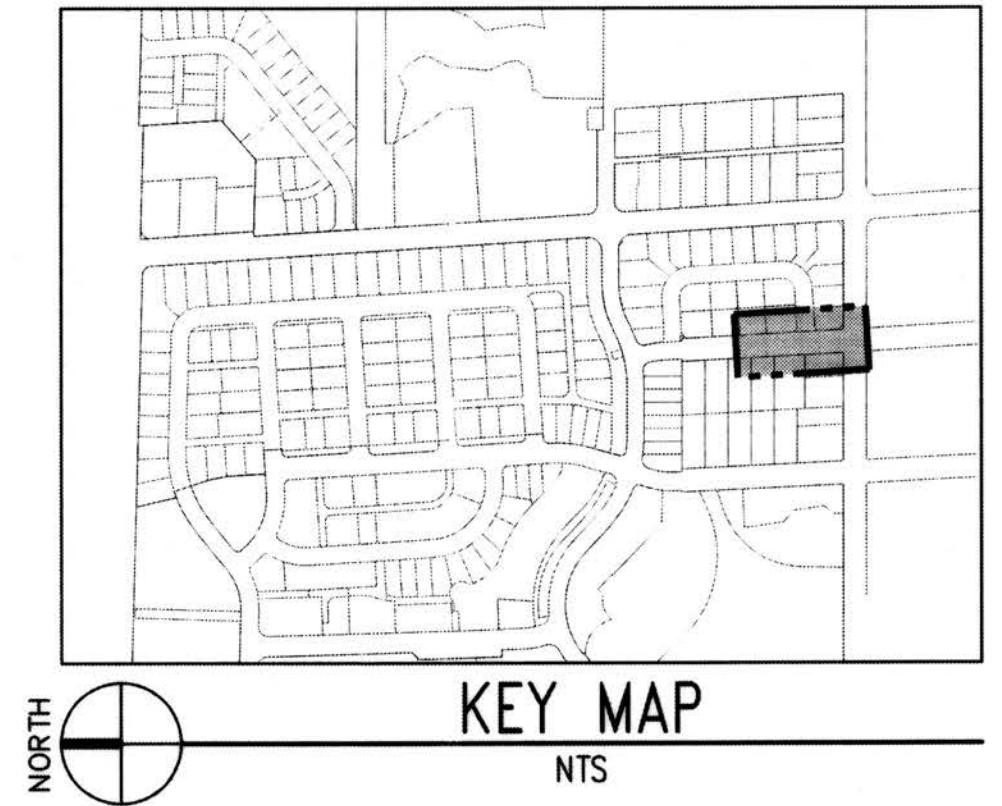
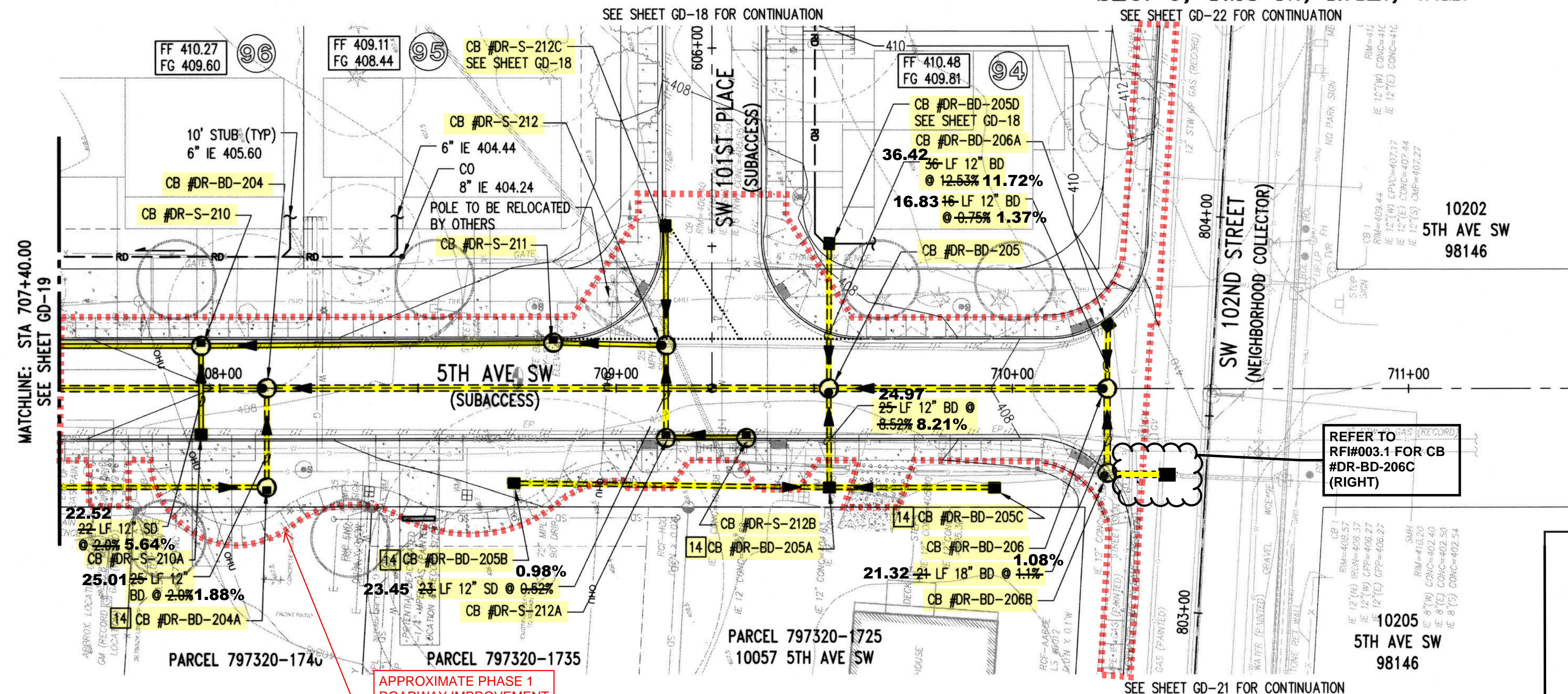
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

5TH AVENUE SW PLAN AND PROFILE

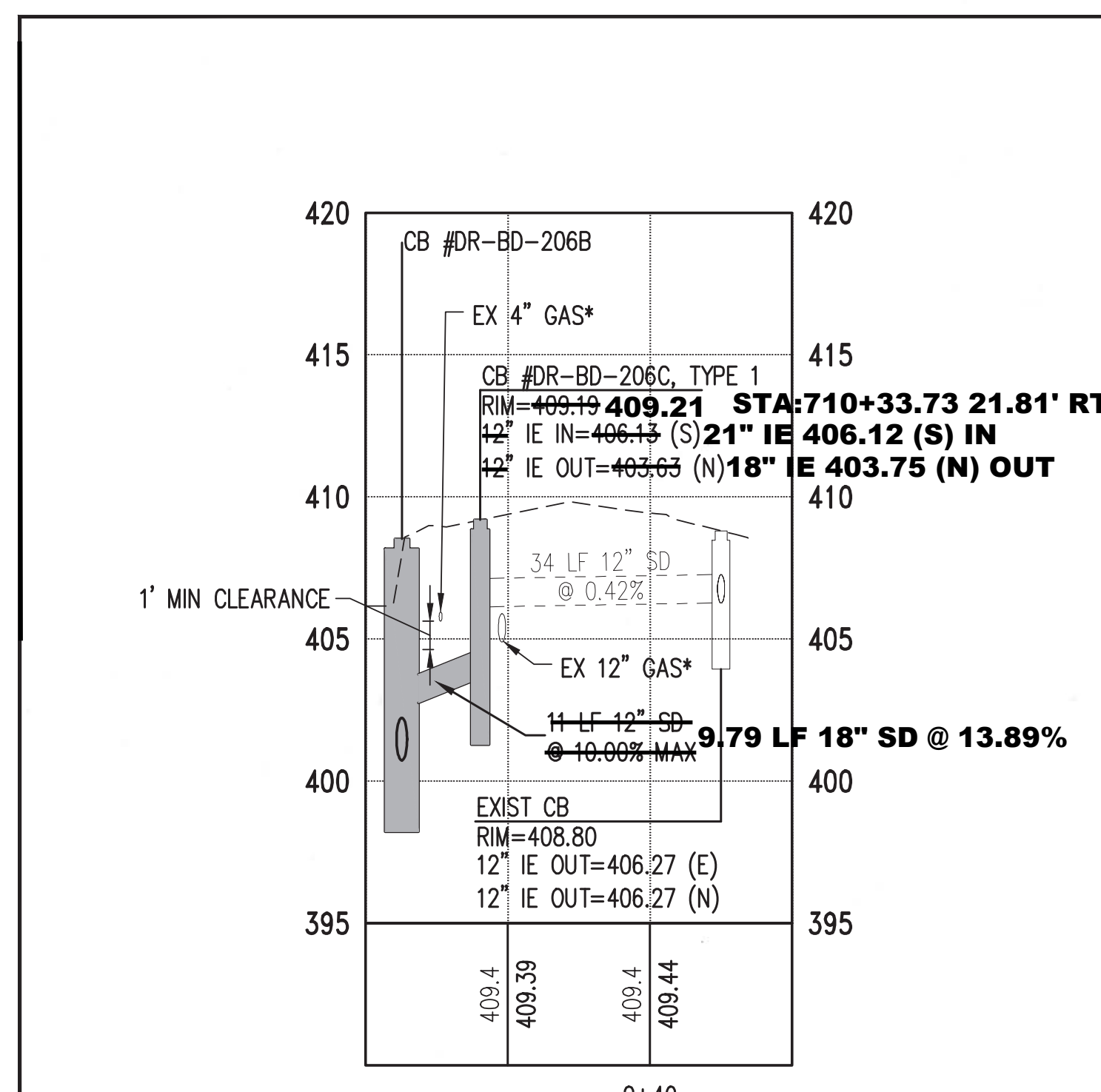
SHEET
GD-19

SEC. 6, T.23 N., R.4E., W.M.



NOTES:
1. REFER TO GD-0 FOR GENERAL NOTES

- LEGEND:**
- KC TYPE 1 CATCH BASIN
 - KKC TYPE 2 CATCH BASIN
 - CLEANOUT
 - STORM DRAIN (PLAN)
 - STORM DRAIN (PROFILE)
 - GREEN STORM DRAIN (PLAN)
 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - ROOF DRAIN
 - FRENCH DRAIN



*ASSUMED DEPTH POTHOLE GAS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES

0 10' 20' 40'
1 inch = 20 ft. HORZ
0 2.5' 5' 10'
1 inch = 5 ft. VERT

Project Title: GREENBRIDGE 8	Drawing Title: CB 206C CONNECTION	RFI #003.1
Client: KCHA	kpff	AS NOTED
	2020-07-24	TD/SZ/JG

RECORD DRAWINGS

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DATUM

HORIZONTAL DATUM: NAD 83/91 WASHINGTON STATE PLANE COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.

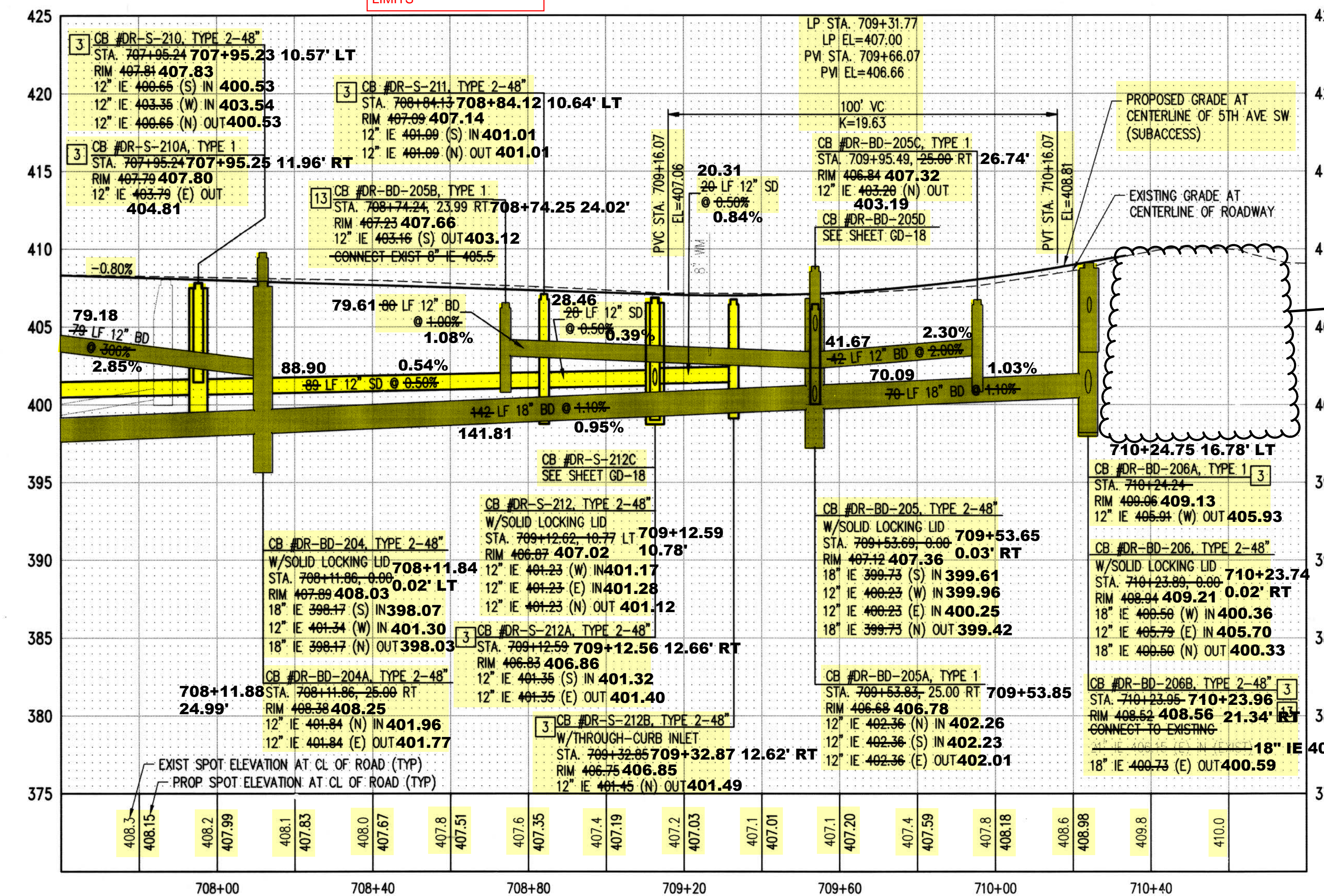
VERTICAL DATUM: NAVD 88

DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E., Development Engineer



REFER TO RFI#003.1 FOR CB #DR-BD-206C (RIGHT)

Z:\1600001-1600206 (Greenbridge)\1600206 (Greenbridge)\02-Design Development\Grading & Drainage\12-CB-GD-19-5th Ave SW.dwg
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KevB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV
DATE: JULY 18, 2019
JOB No.: 1600206

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Seattle, WA 98101
206.622.5822
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King County Housing Authority

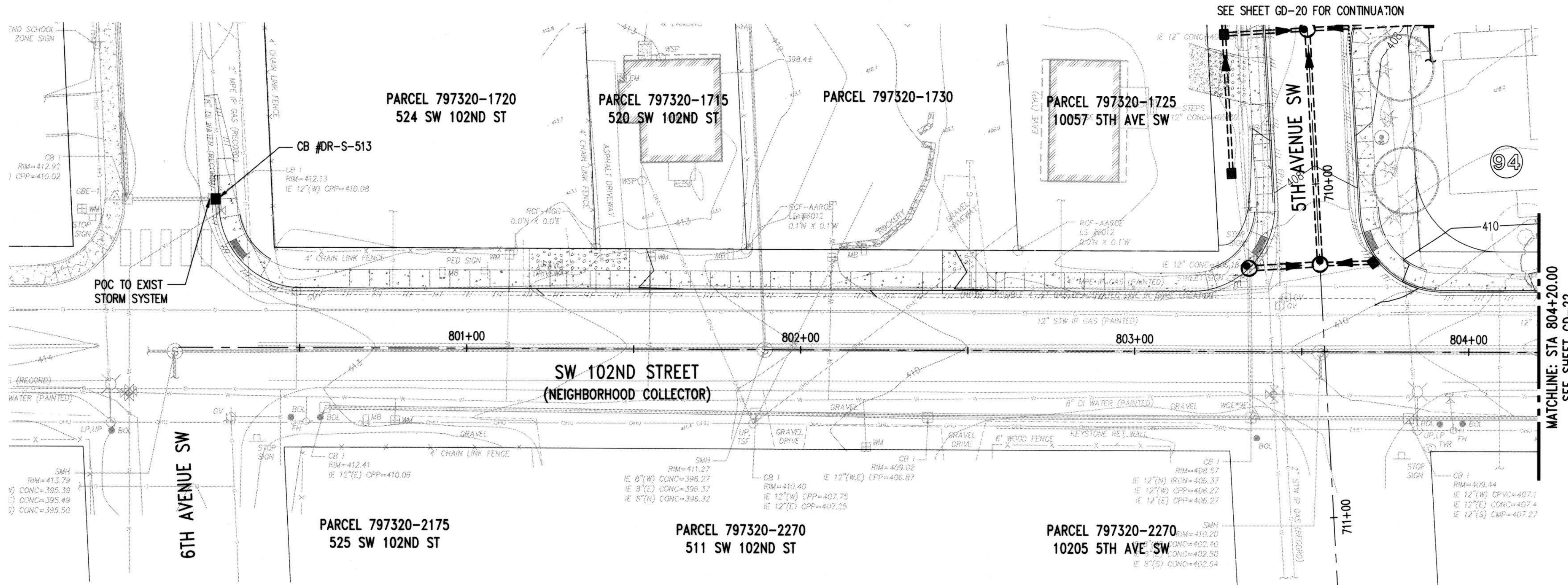
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

5TH AVENUE SW PLAN AND PROFILE

SHEET: **GD-20**

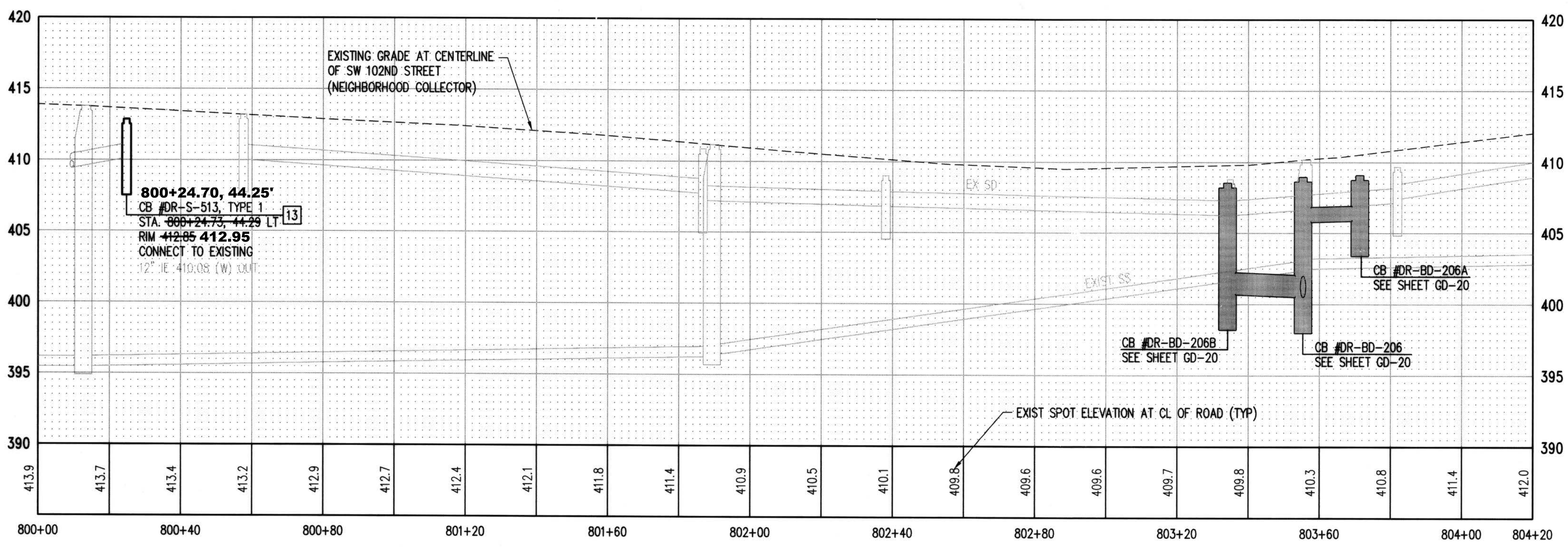
SEC. 6, T.23 N., R.4E., W.M.



KEY MAP
NTS

NOTES:
1. REFER TO GD-0 FOR GENERAL NOTES

- LEGEND:
- KC TYPE 1 CATCH BASIN
 - KKC TYPE 2 CATCH BASIN
 - CLEANOUT
 - STORM DRAIN (PLAN)
 - STORM DRAIN (PROFILE)
 - GREEN STORM DRAIN (PLAN)
 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - ROOF DRAIN
 - FRENCH DRAIN

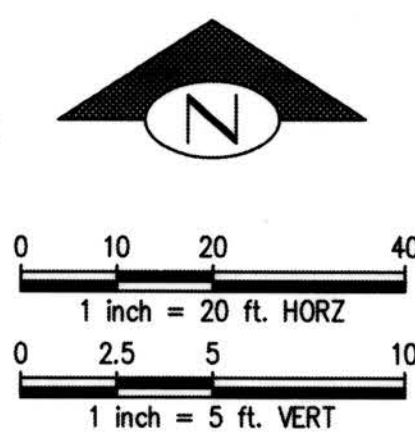


RECORD DRAWINGS

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DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____
Scott Smith P.E., Development Engineer

Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\102-Design Development\Coding & Draining\23-CB-GD-21 SW 102nd St.dwg
KensB
Jul 16, 2019 - 3:10pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
KMB, TAD

DESIGNED BY
BB, SZ

CHECKED BY
JCG

APPROVED BY
MAV

DATE
JULY 18, 2019

J O B No. : 1600206

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WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

SW 102ND STREET PLAN AND PROFILE

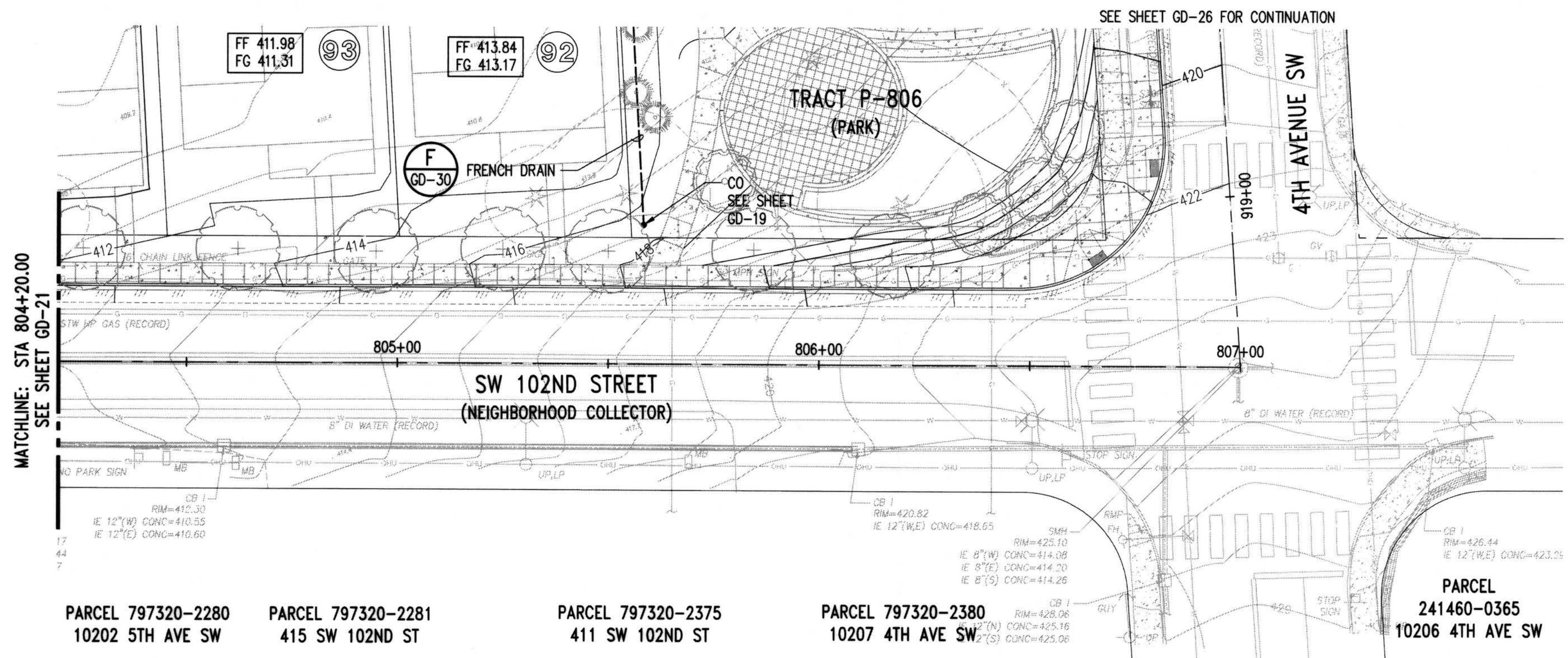
SHEET
GD-21

PROJECT NO. STRV17-0006
ACTIVITY NO.

SEC. 6, T.23 N., R.4E., W.M.



KEY MAP
NTS



NOTES:

- REFER TO GD-0 FOR GENERAL NOTES

LEGEND:

- KC TYPE 1 CATCH BASIN
- KKC TYPE 2 CATCH BASIN
- CLEANOUT
- STORM DRAIN (PLAN)
- STORM DRAIN (PROFILE)
- GREEN STORM DRAIN (PLAN)
- GREEN STORM DRAIN (PROFILE)
- BYPASS STORM DRAIN (PLAN)
- BYPASS STORM DRAIN (PROFILE)
- ROOF DRAIN
- FRENCH DRAIN

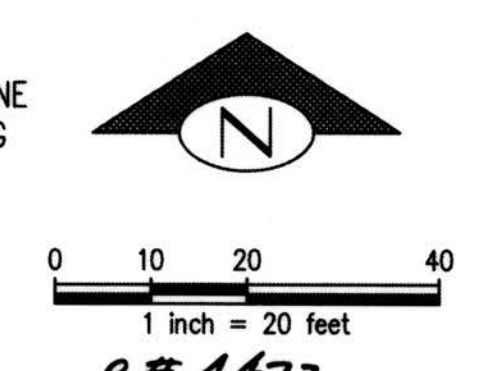
PROJECT NO. STRV17-0006
ACTIVITY NO.

RECORD DRAWINGS

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COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

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Jul 16, 2019 - 3:10pm KevB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

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KMB, TAD

DESIGNED BY
BB, SZ

CHECKED BY
JCG

APPROVED BY
MAV

DATE
JULY 18, 2019

J O B No. : 1600206



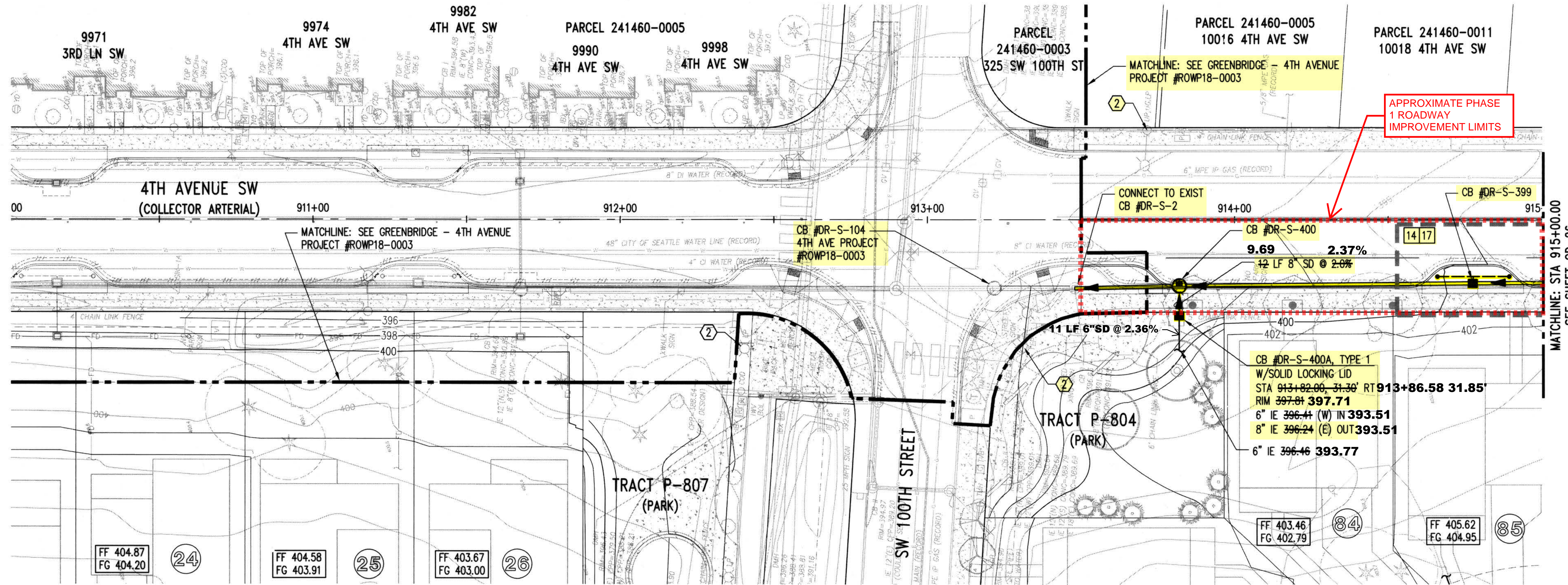
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

SW 102ND STREET PLAN

SHEET
GD-22

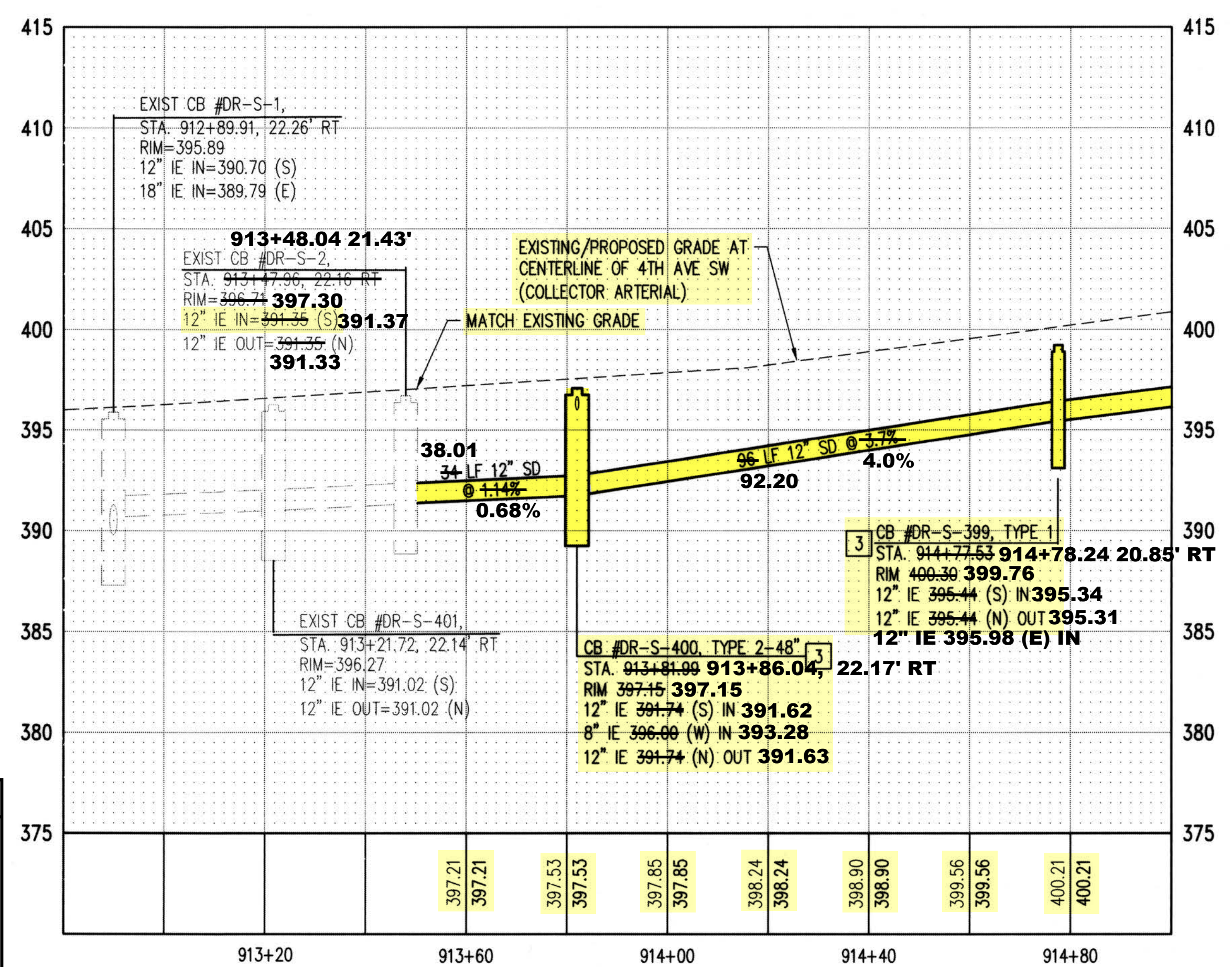
SEC. 6, T.23 N., R.4E., W.M.



KEY MAP
NTS

- NOTES:**
- REFER TO GD-0 FOR GENERAL NOTES
 - EXISTING UTILITY POLE AND STREET LIGHT TO REMAIN. REFER TO LIGHTING PLANS.

- LEGEND:**
- KC TYPE 1 CATCH BASIN
 - KKC TYPE 2 CATCH BASIN
 - CLEANOUT
 - STORM DRAIN (PLAN)
 - STORM DRAIN (PROFILE)
 - GREEN STORM DRAIN (PLAN)
 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - RD ROOF DRAIN
 - FRENCH DRAIN



DATUM
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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans
Reviewer: _____ Date: _____
Scott Smith P.E.
Development Engineer

RECORD DRAWINGS
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Kewab
Jul 16, 2019 - 3:12pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

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DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV
DATE: JULY 18, 2019
J O B No. : 1600206

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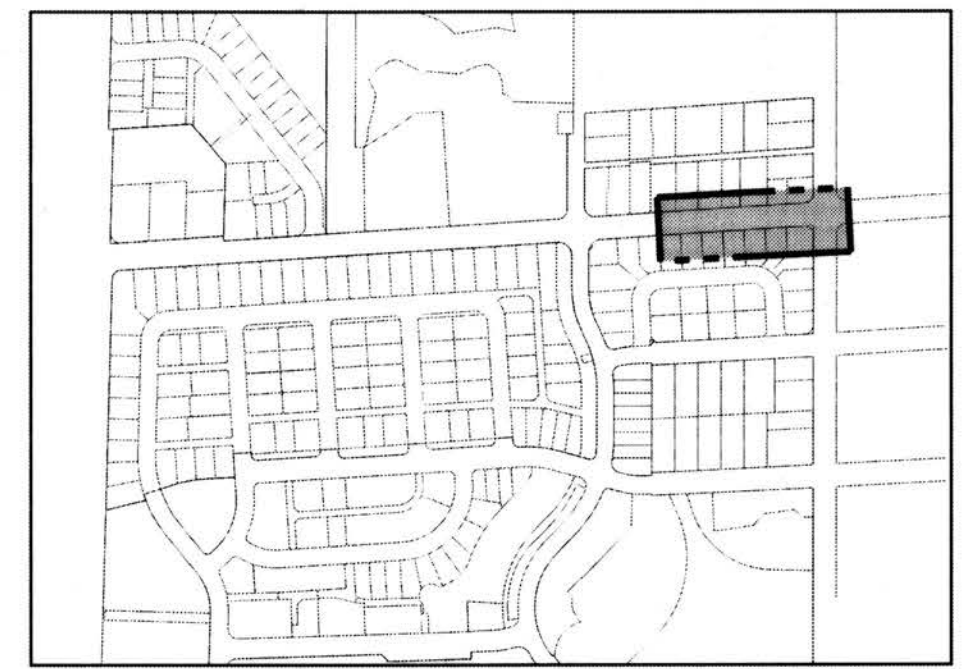
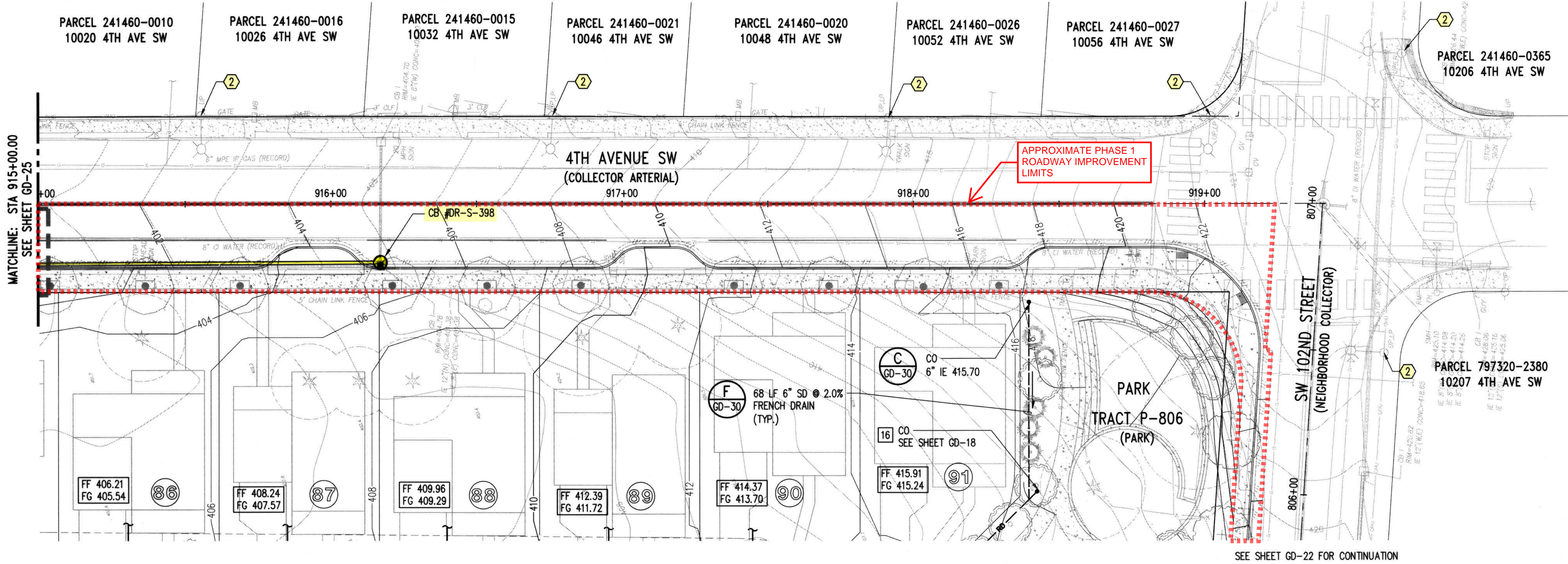
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GREENBRIDGE DIVISION 8
4TH AVENUE SW PLAN AND PROFILE

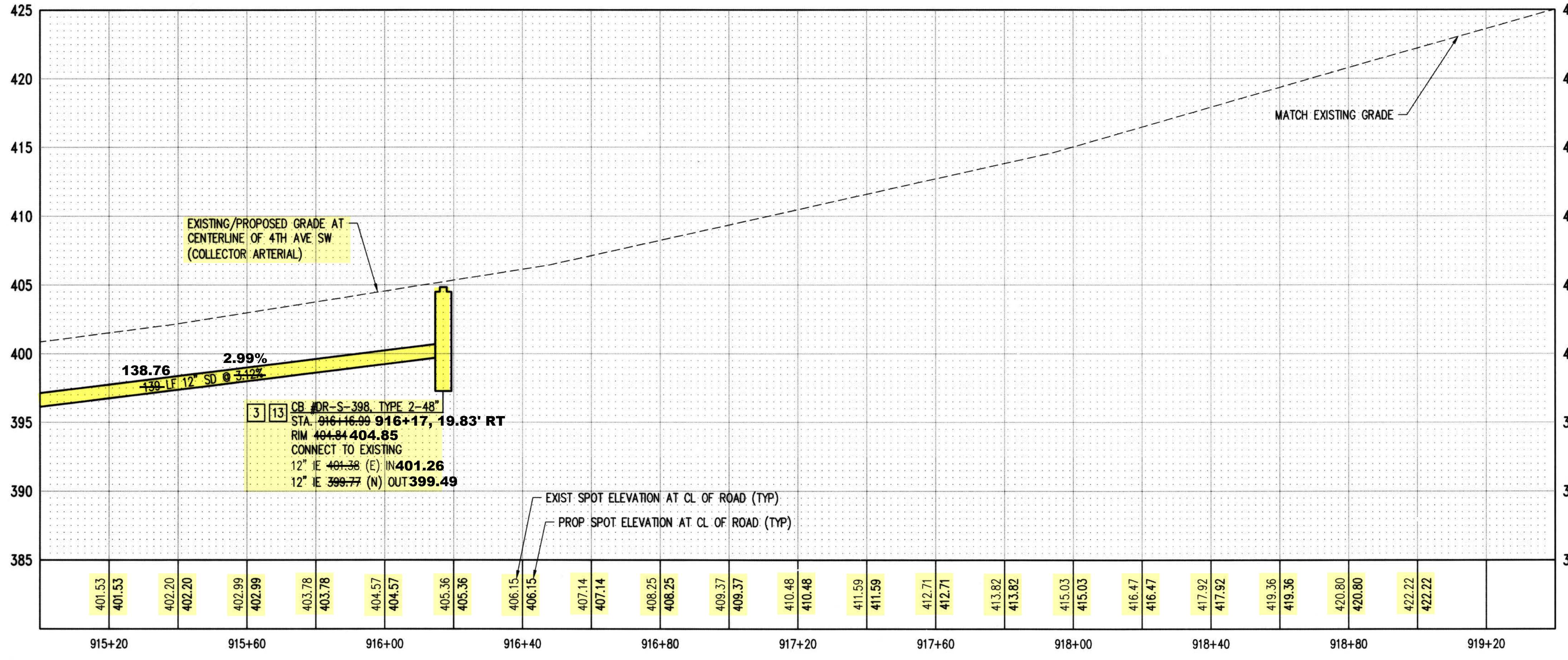
SHEET
GD-25

SEC. 6, T.23 N., R.4E., W.M.



- NOTES:**
- REFER TO GD-0 FOR GENERAL NOTES
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- LEGEND:**
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 - STORM DRAIN (PROFILE)
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 - GREEN STORM DRAIN (PROFILE)
 - BYPASS STORM DRAIN (PLAN)
 - BYPASS STORM DRAIN (PROFILE)
 - ROOF DRAIN
 - FRENCH DRAIN

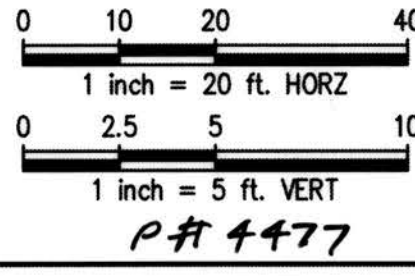
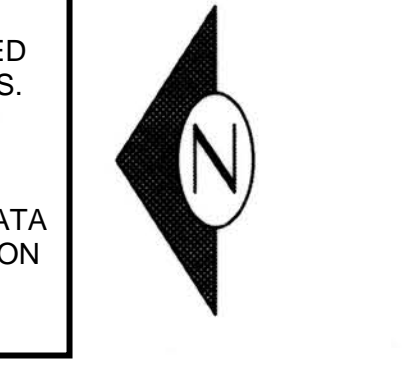


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DATUM
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VERTICAL DATUM:
 NAVD 88



DEPARTMENT OF LOCAL SERVICES
 PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
 Development Engineer

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 Jul 16, 2019 - 3:12pm
 KevdB

NO.	DATE	BY	CHD.	APPR.	REVISION				
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1				

DRAWN BY
KMB, TAD

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BB, SZ

CHECKED BY
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APPROVED BY
MAV

DATE
JULY 18, 2019

J O B No. : 1600206

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KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON

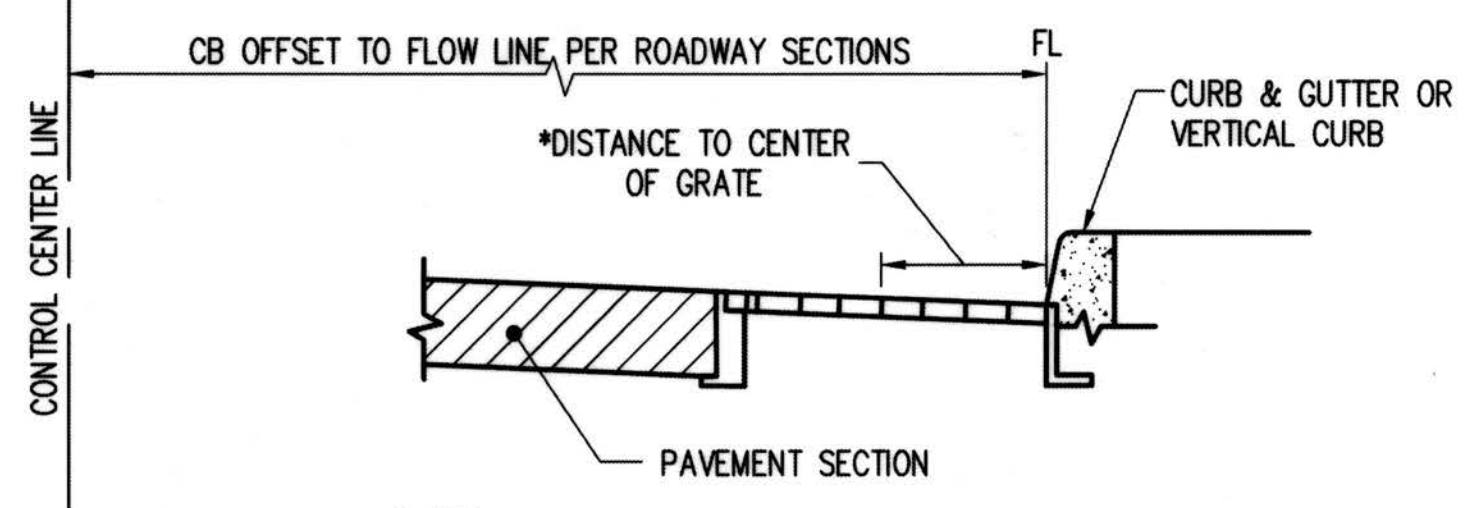
GREENBRIDGE DIVISION 8

4TH AVENUE SW PLAN AND PROFILE

SHEET
GD-26

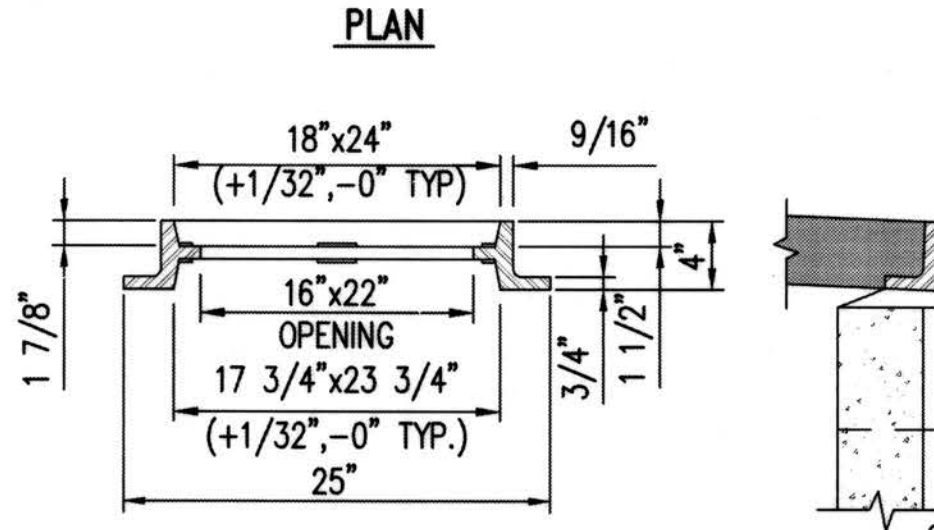
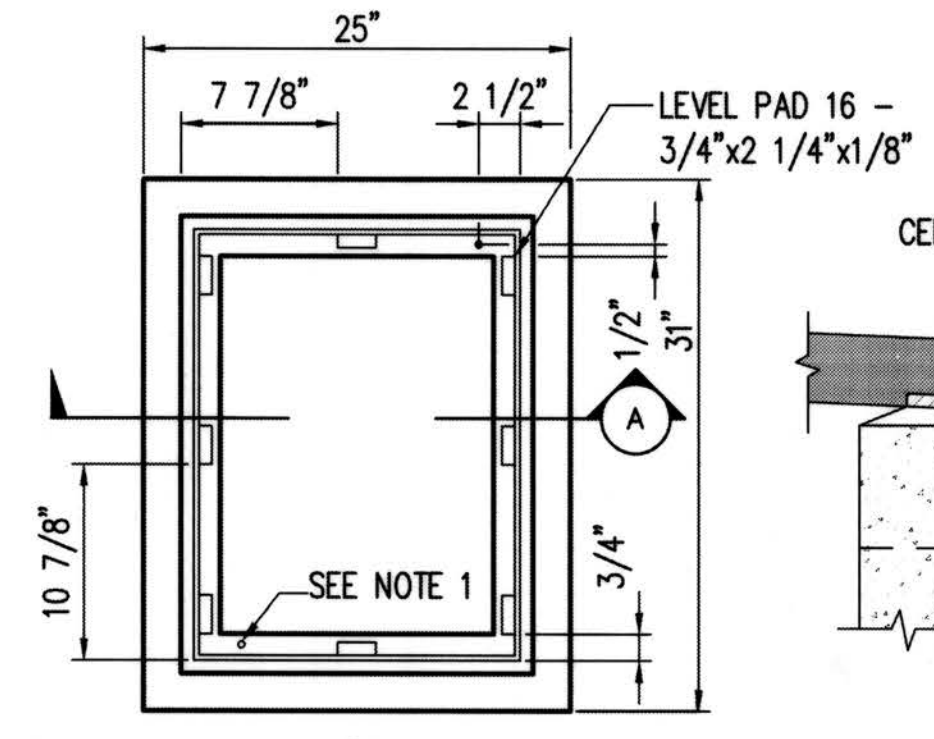
PROJECT NO. STRV7-0006
 ACTIVITY NO.

SEC. 6, T.23 N., R.4E., W.M.



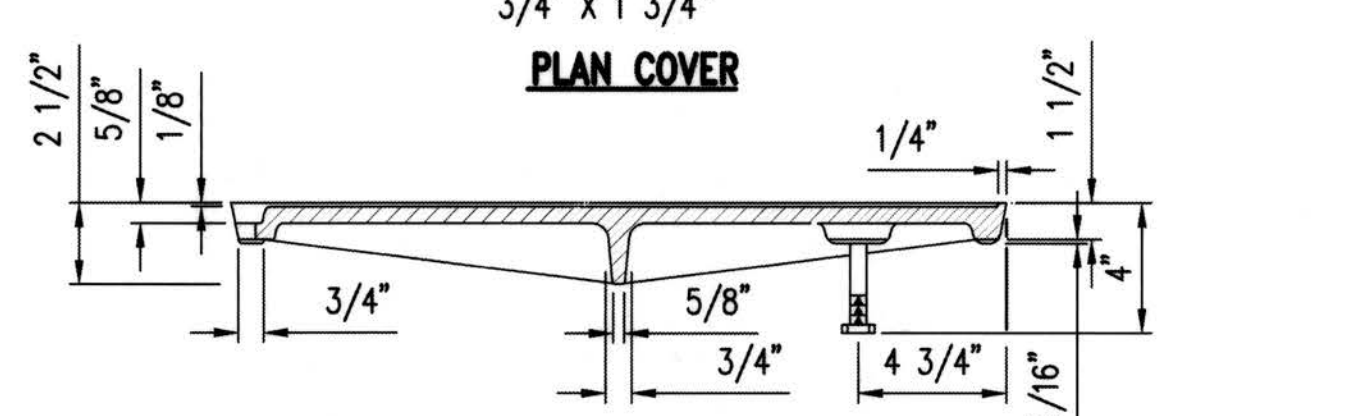
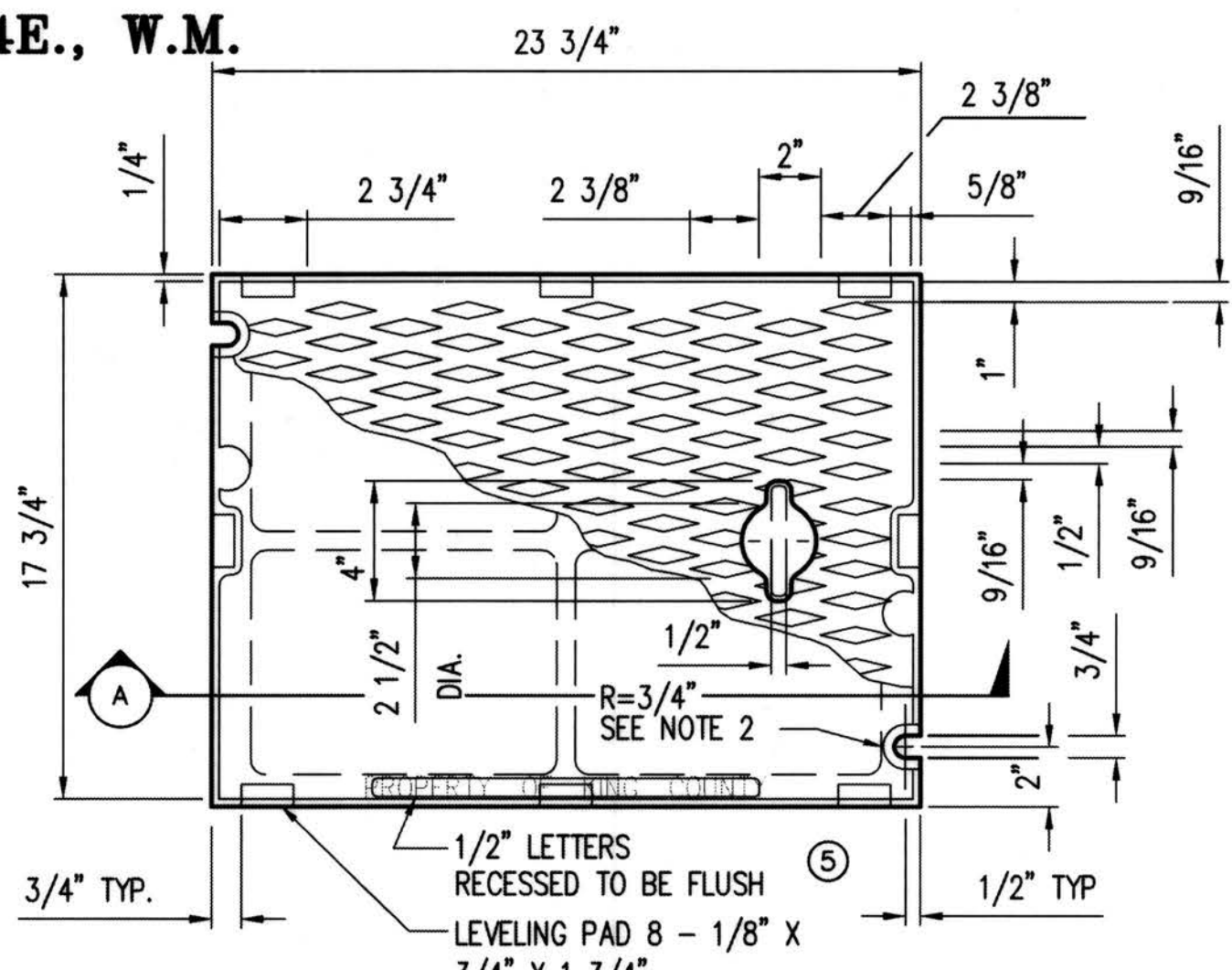
- NOTES:**
- FOR STRUCTURES NOT ADJACENT TO CURB, OFFSET IS MEASURED TO CENTER OF STRUCTURE.
 - REFER TO KCRS DETAILS FOR STRUCTURE TO GRATE RELATIONSHIP.
 - SEE SHEET D-3 FOR CURB DETAIL.
- * FOR THROUGH CURB INLETS, ADJUST ACCORDINGLY FOR THROUGH CURB FRAME

CONCRETE CURB & GUTTER OR VERTICAL CURB TYPICAL CATCH BASIN DIMENSION DETAIL
KING CO. STD. DRAWING NO. 7-018



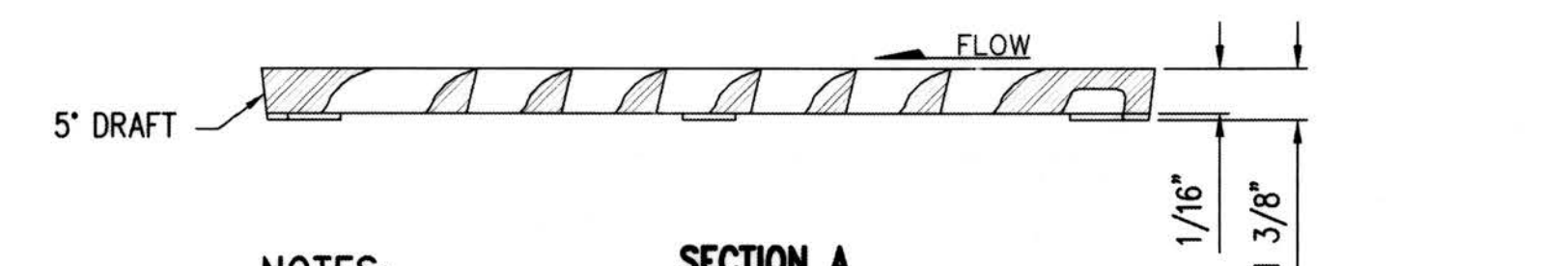
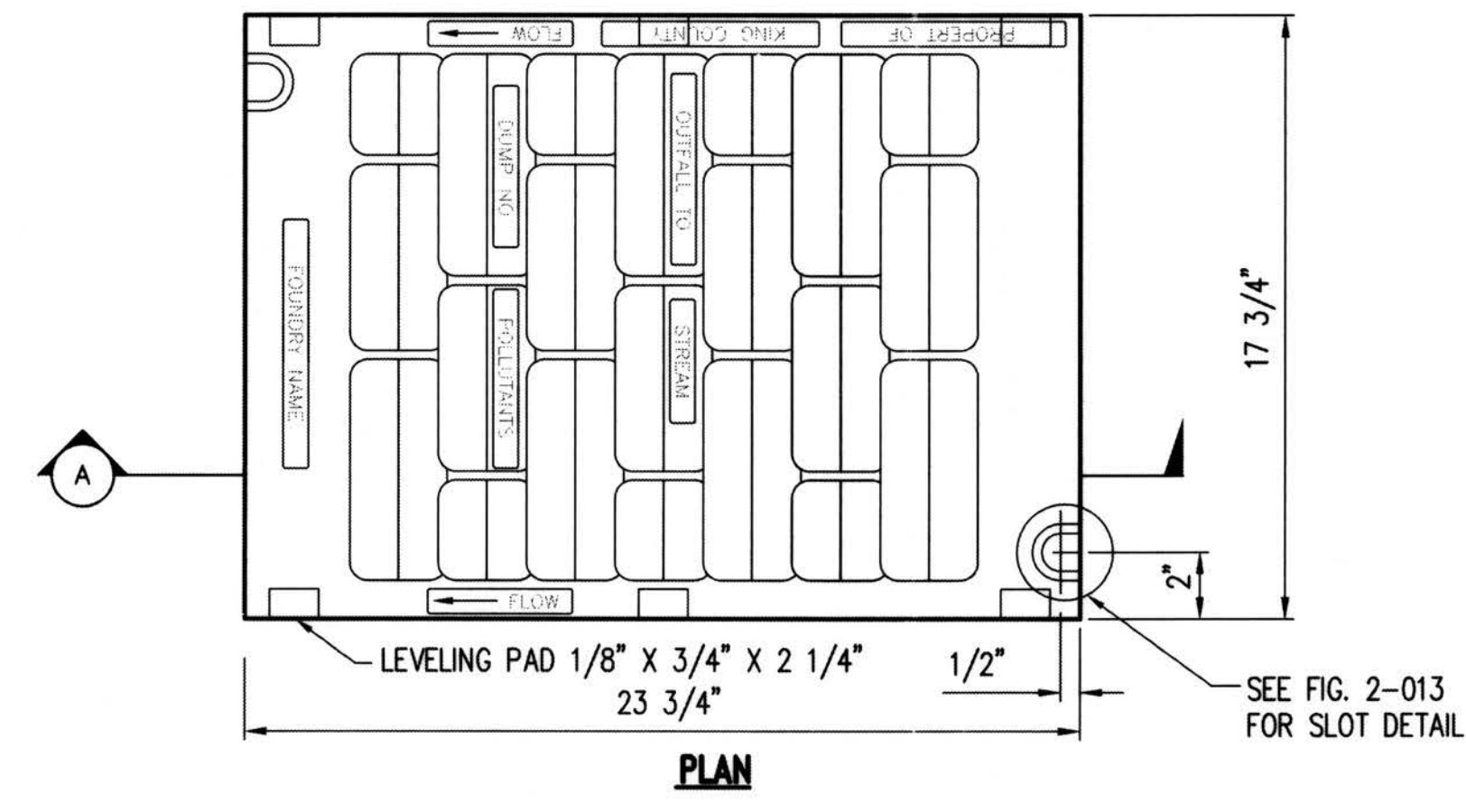
- NOTES:**
- DRILL AND TAP FOR, AND PROVIDE, TWO LOCKING BOLTS 5/8 IN.-11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2 IN. LONG WHEN USED WITH SOLID COVER (FIG. 7-015) OR WHEN SPECIFIED BY ENGINEER.
 - FRAME MATERIAL IS DUCTILE IRON PER ASTM A48 CLASS 30.
 - SET FRAME TO GRADE AND CONSTRUCT ROAD AND GUTTER TO BE FLUSH WITH FRAME.
 - SEE SEC. 7.05.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

STANDARD FRAME W/VERTICAL OR EXTRUDED CURB INSTALLATION
KING CO. STD. DRAWING NO. 7-014



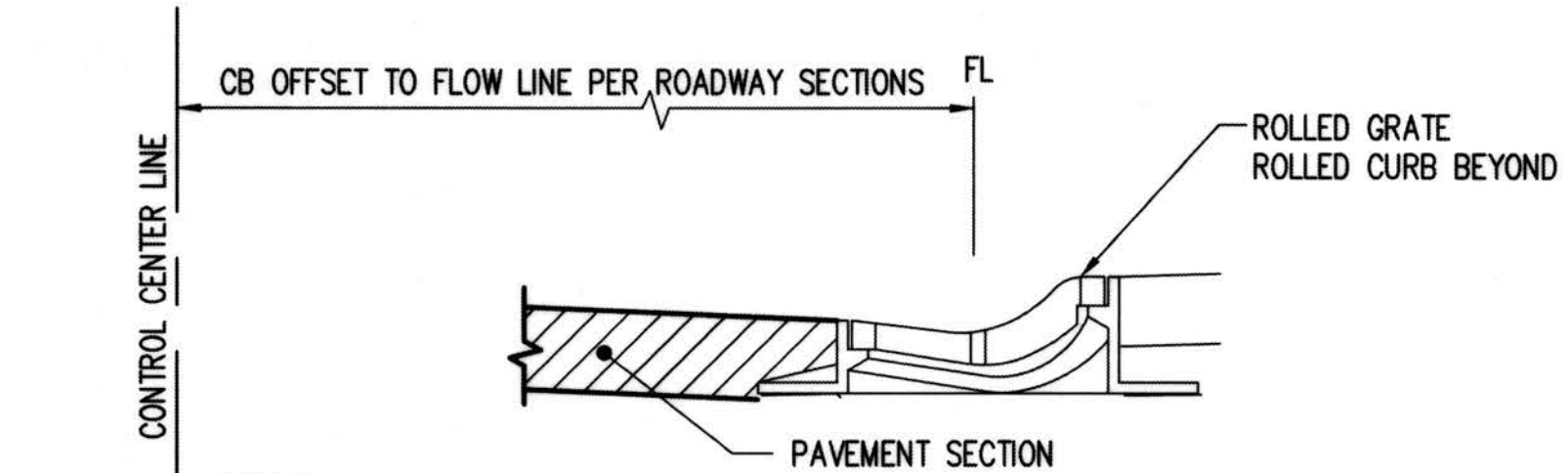
- NOTES:**
- USE WITH FRAME (FIG. 7-014) DRILLED AND TAPPED FOR LOCKING BOLTS.
 - USE WITH TWO LOCKING BOLTS 5/8 IN.-11 NC STAINLESS STEEL TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS, MIN. 2 IN. LONG.
 - MATERIAL IS CAST IRON PER ASTM A48 CLASS 30.
 - SEE SEC. 7.05.
 - THE WORDS "PROPERTY OF KING COUNTY" SHALL BE OMITTED IF COVER IS ON A PRIVATE SYSTEM.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

LOCKING SOLID COVER
KING CO. STD. DRAWING NO. 7-015



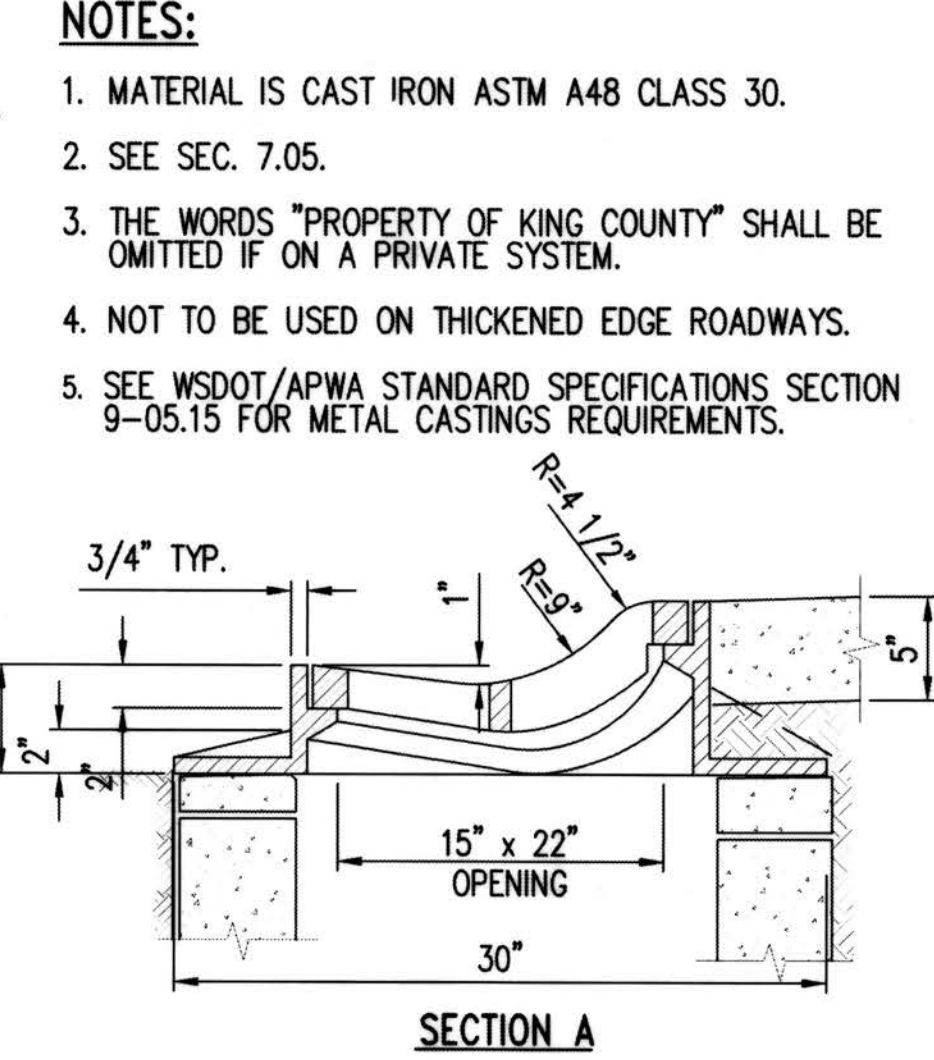
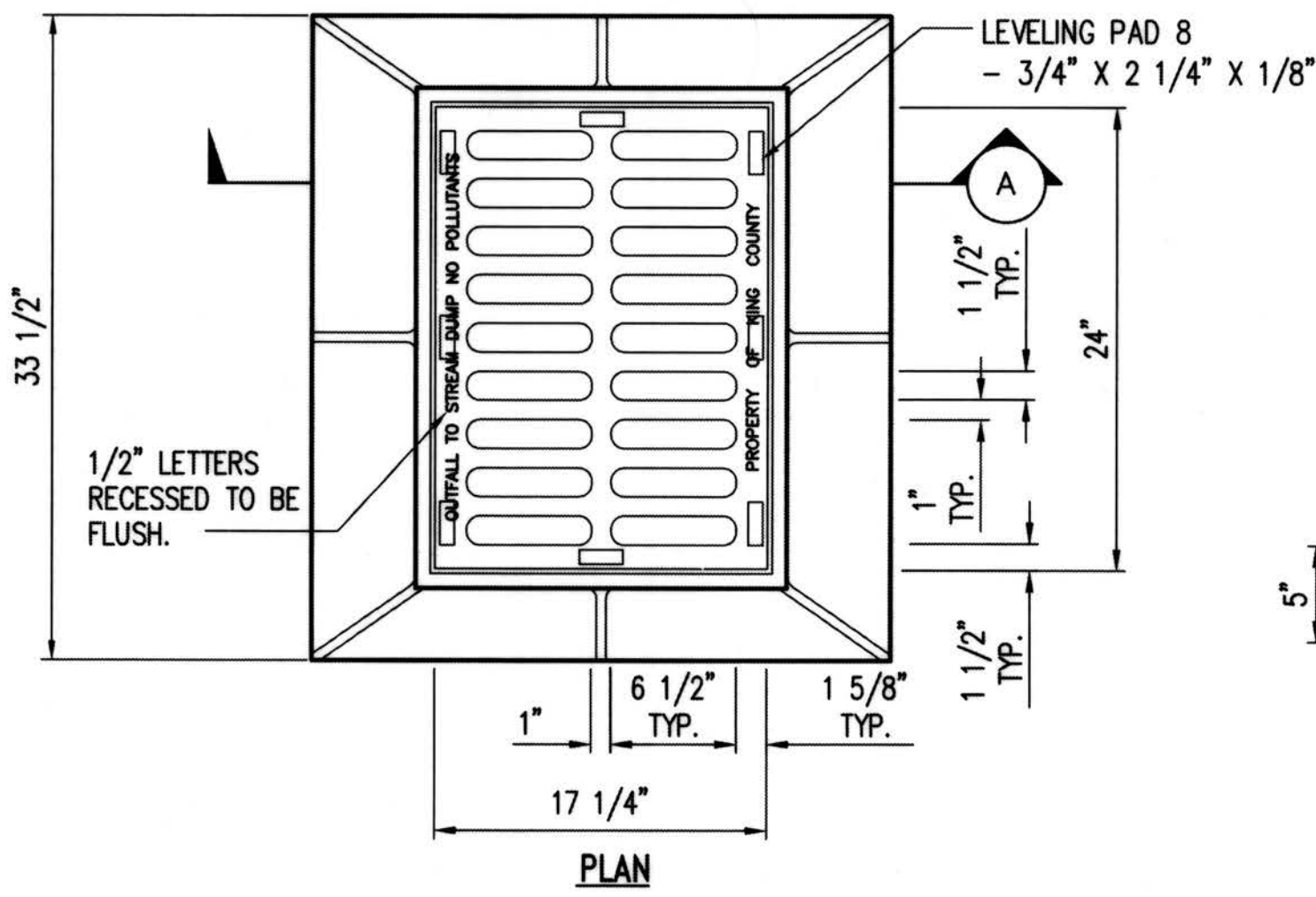
- NOTES:**
- SELF-LOCK VANED GRATE MANUFACTURER SUBJECT TO APPROVAL BY ENGINEER.
 - USE WITH TWO LOCKING BOLTS 5/8 IN.-11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2 IN. LONG. NOTE SLOT DETAIL.
 - MATERIAL IS DUCTILE IRON ASTM A536 GRADE 80-55-06.
 - "OUTFALL TO STREAM DUMP NO POLLUTANTS" MAY BE LOCATED ON BORDER AREA.
 - SEE SEC. 7.05.
 - THE WORDS "PROPERTY OF KING COUNTY" SHALL BE OMITTED IF GRATE IS ON PRIVATE SYSTEM.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

LOCKING VANED GRATE
KING CO. STD. DRAWING NO. 7-018

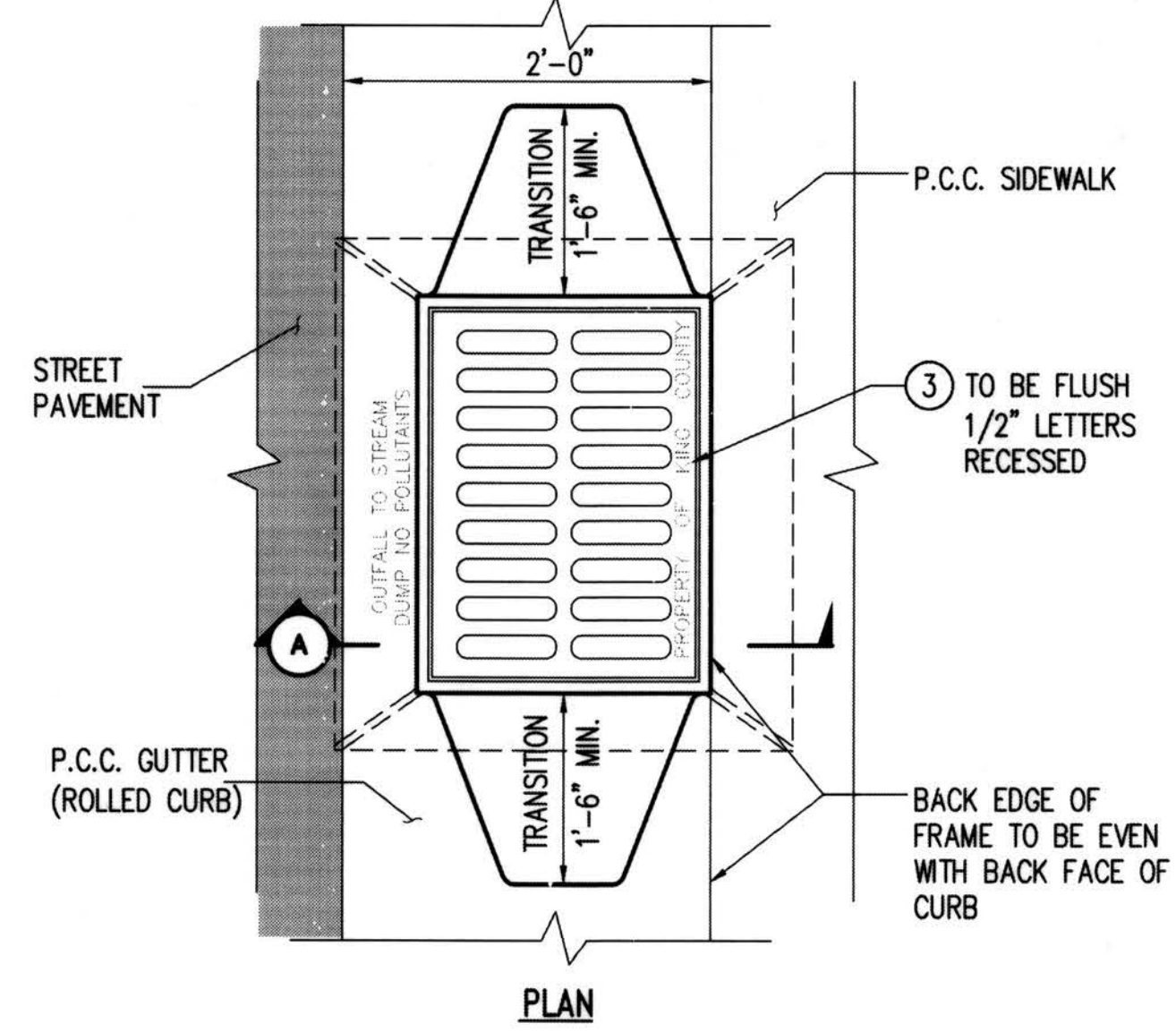


- NOTES:**
- FOR STRUCTURES NOT ADJACENT TO CURB, OFFSET IS MEASURED TO CENTER OF STRUCTURE.
 - REFER TO KCRS DETAILS FOR STRUCTURE TO GRATE RELATIONSHIP.
 - SEE SHEET D-3 FOR CURB DETAIL.

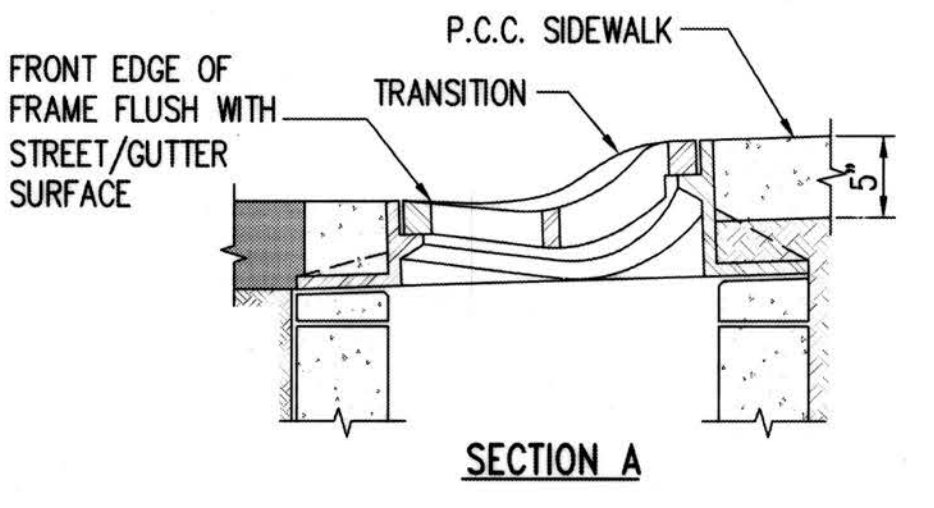
ROLLED CURB TYPICAL CATCH BASIN DIMENSION DETAIL
KING CO. STD. DRAWING NO. 7-019



ROLLED CURB FRAME & GRATE
KING CO. STD. DRAWING NO. 7-019



ROLLED CURB FRAME & GRATE INSTALLATION
KING CO. STD. DRAWING NO. 7-020



- NOTES:**
- SET FRAME TO GRADE AND CONSTRUCT ROAD AND CURB TO BE FLUSH AT FRONT AND BACK OF FRAME.
 - SEE SEC. 7.05.
 - THE WORDS "PROPERTY OF KING COUNTY" SHALL BE OMITTED IF GRATE IS ON A PRIVATE SYSTEM.
 - NOT TO BE USED ON THICKENED EDGE ROADWAYS.
 - SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

ROLLED CURB VANED GRATE
KING CO. STD. DRAWING NO. 7-021

RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION

Final Corrected Plans

Reviewer _____ Date _____

Scott Smith P.E. Development Engineer Date _____

Z:\1600001-1600999\1600206 (Greenbridge) CADD\Design\2-Design Development\Grading & Drainage\25-08 GD-27 GD07.dwg Jul 16, 2019 - 3:20pm KevinB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY	DESIGNED BY
KMB, TAD	BB, SZ
CHECKED BY	APPROVED BY
JCG	MAV
DATE	
JULY 18, 2019	
JOB No.: 1600206	

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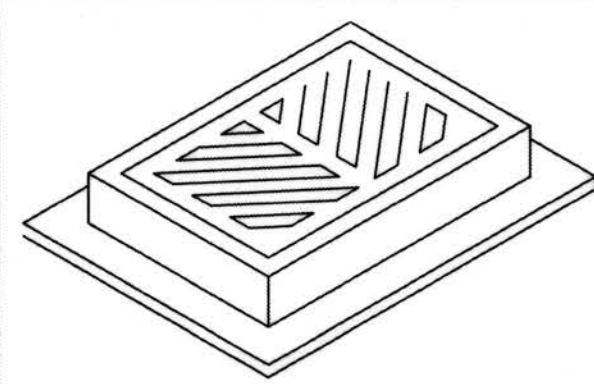
King County Housing Authority

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

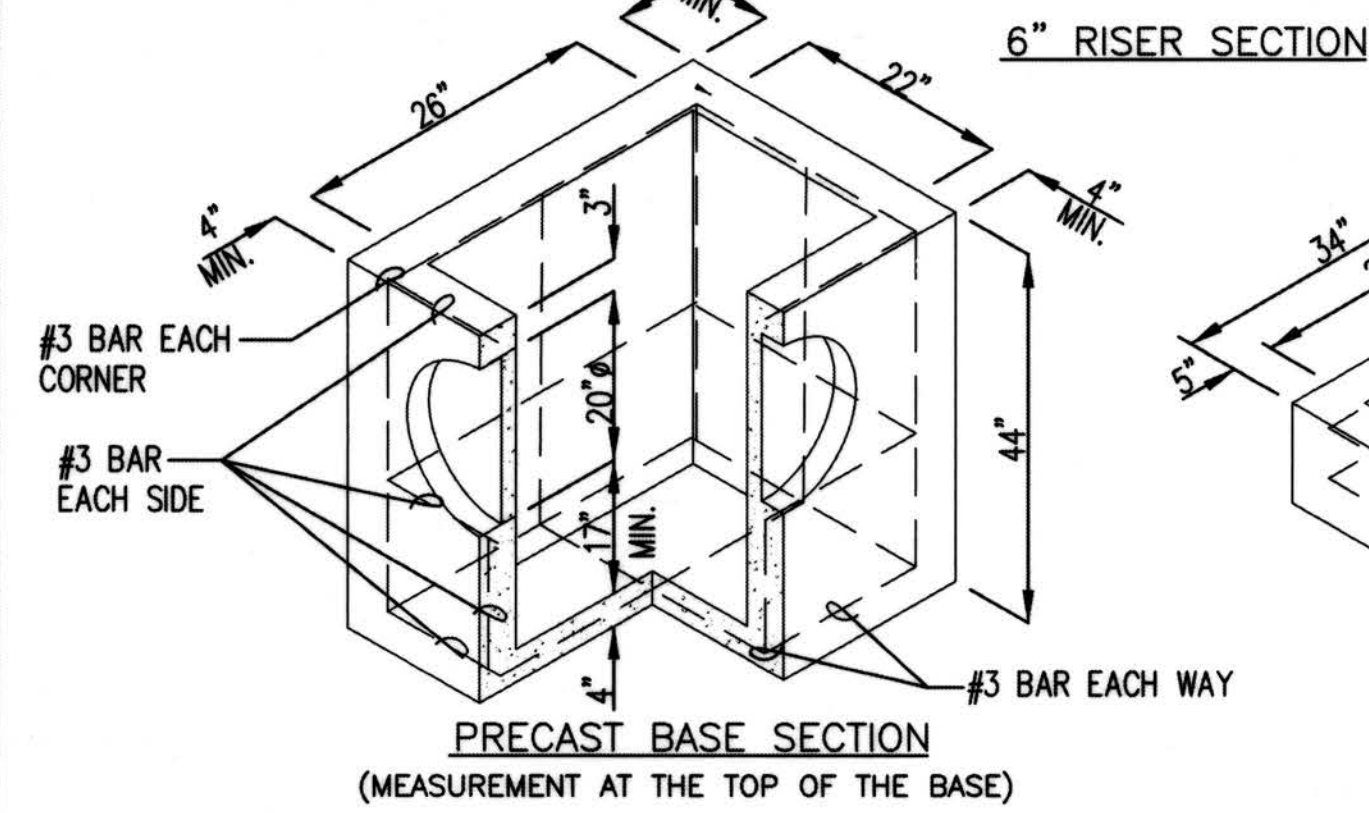
GREENBRIDGE DIVISION 8
GRADING AND DRAINAGE DETAILS

SHEET **GD-27**

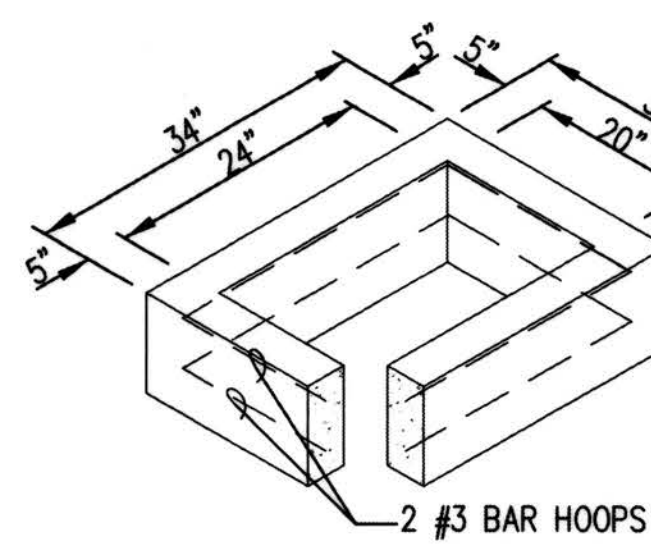
PROJECT NO. STRV7-0006 ACTIVITY NO.



FRAME AND GRATE
SEE SEC. 7.05 AND
APPLICABLE DETAILS.



6" RISER SECTION



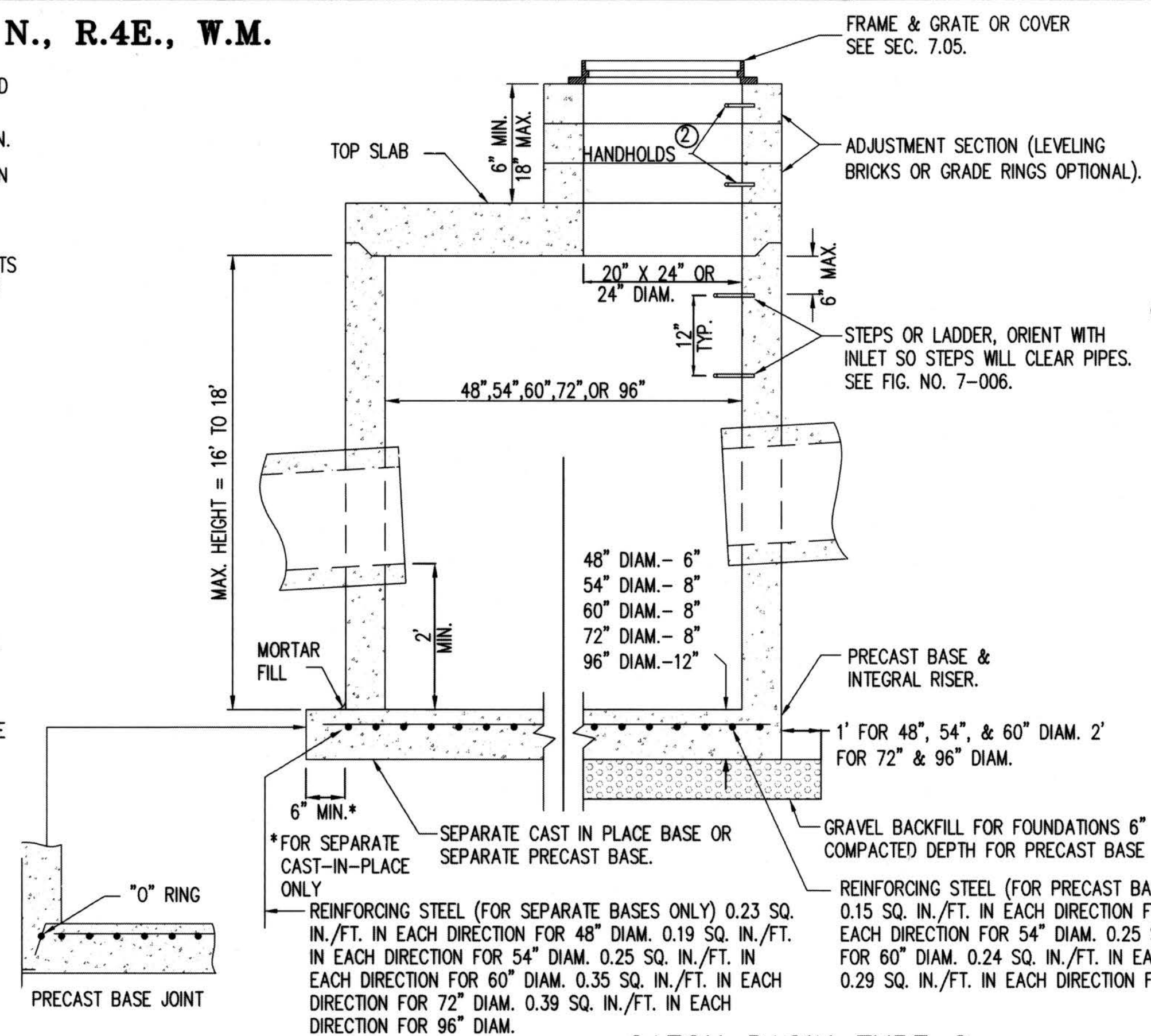
12" RISER SECTION

CATCH BASIN TYPE 1

KING CO. STD. DRAWING NO. 7-003
NTS

SEC. 6, T.23 N., R.4E., W.M.

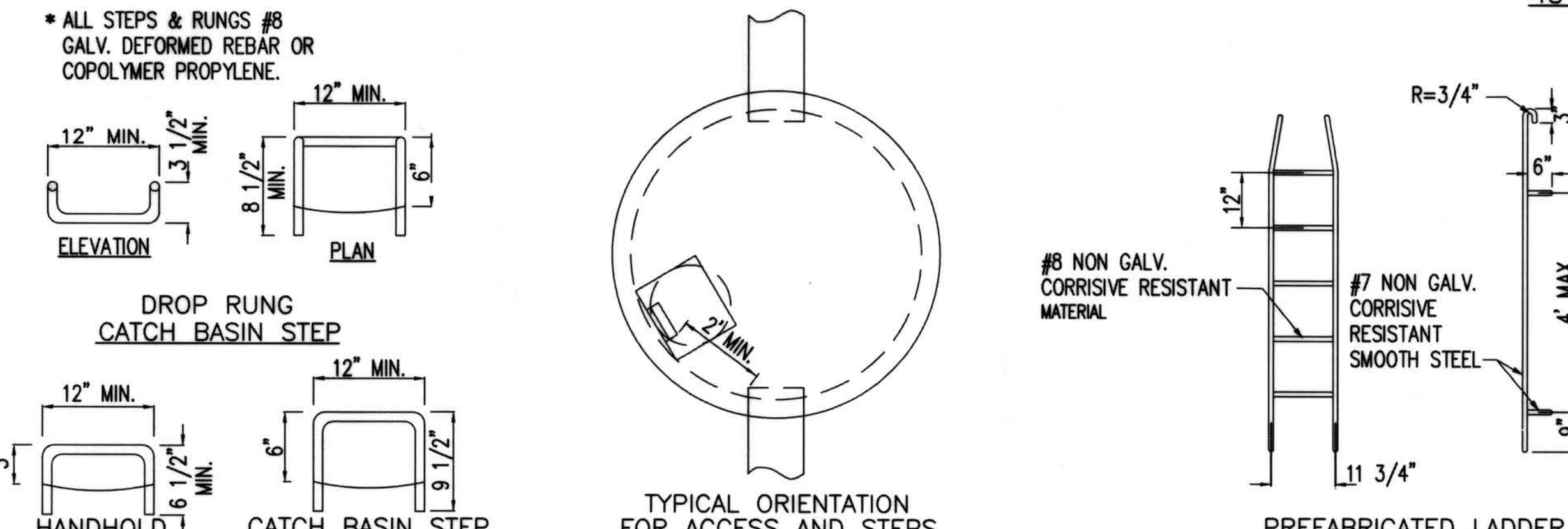
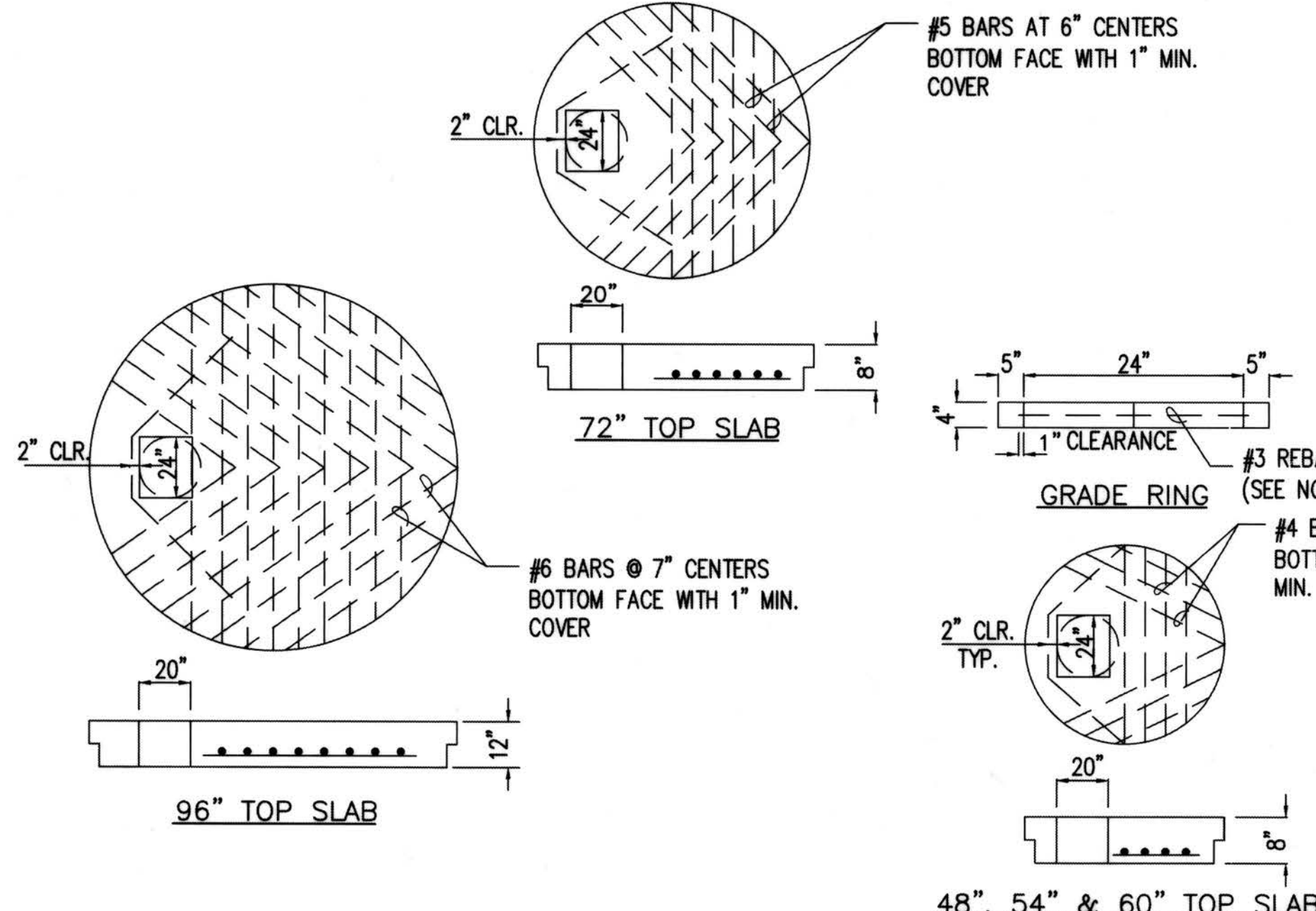
- NOTES:
- CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M 199 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
 - AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQ. IN. PER FT. MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
 - ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
 - PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN. MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
 - KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
 - ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES WITH MAX. DIAM. OF 20 IN. KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
 - THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5 FT.
 - THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2" PER FT.
 - CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62IE. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
 - FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
 - FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT/APWA STANDARD DWG. B-5.60-01.
 - EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2 IN. FROM VERTICAL EDGE OF CATCH BASIN WALL.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.



CATCH BASIN TYPE 2
48", 54", 60", & 96"

KING CO. STD. DRAWING NO. 7-005
NTS

- NOTES:
- PROPRIETARY CATCH BASIN HANDHOLDS AND STEPS ARE ACCEPTABLE, PROVIDED THAT THEY CONFORM TO SEC. R, ASTM C478, AASHTO M-199 AND MEET ALL WISHA REQUIREMENTS.
 - CATCH BASIN STEP/HANDHOLD LEGS SHALL BE PARALLEL OR APPROXIMATELY RADIAL AT THE OPTION OF THE MANUFACTURER, EXCEPT THAT ALL STEPS IN ANY CATCH BASIN SHALL BE SIMILAR. PENETRATION OF OUTER WALL BY A LEG IS PROHIBITED.
 - HANDHOLDS AND STEPS SHALL HAVE "DROP" RUNGS AS SHOWN ON DETAIL OR PROTUBERANCES TO PREVENT SIDEWAYS SLIP.
 - SLAB OPENING MAY BE 24" X 20" OR 24" DIAM.
 - AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQ. IN. PER FT. MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497.
 - LADDERS OR STEPS SHALL EXTEND TO WITHIN 16 IN. OF BOTTOM OF CATCH BASIN.
 - HANGING LADDERS SHALL BE PERMANENTLY FASTENED AT TOP BY HANGING ON STEP OR BY BOLTING OR EMBEDDING IN CONCRETE. EACH SHALL BE EMBEDDED AT BOTTOM IN BASE.
 - ADDITIONAL SAFETY FEATURES MAY BE REQUIRED IN VERY DEEP OR UNUSUAL STRUCTURES.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.



CATCH BASIN DETAILS

KING CO. STD. DRAWING NO. 7-006
NTS

RECORD DRAWINGS
THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

- NOTES:
- CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
 - HANDHOLDS IN ADJUSTMENT SECTION SHALL HAVE 3" MIN. CLEARANCE. STEPS IN CATCH BASIN SHALL HAVE 6" MIN. CLEARANCE. SEE FIG. NO. 7-006 CATCH BASIN DETAILS. HANDHOLDS SHALL BE PLACED IN ALTERNATING GRADE RINGS OR LEVELING BRICK COURSE WITH A MIN. OF ONE HANDHOLD BETWEEN THE LAST STEP AND TOP OF THE MANHOLE.
 - ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000. ALL PRECAST CONCRETE SHALL BE CLASS 4000.
 - PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN. MIN. UNUSUED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT. PIPES SHALL BE INSTALLED ONLY IN FACTORY KNOCKOUTS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 - KNOCKOUT OR CUTOUT HOLE SIZE SHALL EQUAL PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS. MAX. HOLE SIZE SHALL BE 36 IN. FOR 48 IN. CATCH BASIN, 42 IN. FOR 54 IN. C.B., 48 IN. FOR 60 IN. C.B., 60 IN. FOR 72 IN. C.B., 84 IN. FOR 96 IN. C.B. MIN. DISTANCE BETWEEN HOLES SHALL BE 8 IN. FOR 48 IN., 54 IN. AND 60 IN. C.B.; 12 IN. FOR 72 IN. AND 96 IN. C.B.
 - CATCH BASIN FRAMES AND GRATES OR COVERS SHALL BE IN ACCORDANCE WITH SEC. 7.05 AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62IE. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
 - ALL BASE REINFORCING STEEL SHALL HAVE A MIN. YIELD STRENGTH OF 60,000 PSI AND BE PLACED IN THE UPPER HALF OF THE BASE WITH 1 IN. MIN. CLEARANCE.
 - MIN. SOIL BEARING VALUE SHALL EQUAL 3,300 POUNDS PER SQUARE FOOT.
 - FOR DETAILS SHOWING LADDER, STEPS, HANDRAILS AND TOP SLABS. SEE FIG. 7-006.
 - SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SEC. 7-05.3 FOR JOINT REQUIREMENTS.
 - SEE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

- NOTES:
- CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO M199 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
 - AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQ. IN. PER FT. MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
 - ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
 - PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN. MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
 - KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
 - KNOCKOUTS MAY BE ON ALL 4 SIDES WITH MAX. DIAM. OF 28 IN. KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
 - THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2" PER FT.
 - CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62IE. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
 - FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
 - MAX. DEPTH FROM FINISHED GRADE TO PIPE INVERT SHALL BE 5 FT.
 - EDGE OF REDUCING SECTION OR BRICK SHALL NOT BE MORE THAN 2 IN. FROM VERTICAL EDGE OF CATCH BASIN WALL.
 - SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

CATCH BASIN TYPE 1L

KING CO. STD. DRAWING NO. 7-004
NTS

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans
Reviewer: _____ Date: _____
Scott Smith P.E.
Development Engineer

Z:\16000001-16000991\1600206 (Greenbridge) CAD\Design\02-Design Development\Grading & Drainage\25-08 GD-27 GD07.dwg
KevinB
Jul 16, 2019 - 3:12pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY	DESIGNED BY
KMB, TAD	BB, SZ
CHECKED BY	APPROVED BY
JCG	MAV
DATE	
JULY 18, 2019	
JOB No. : 1600206	

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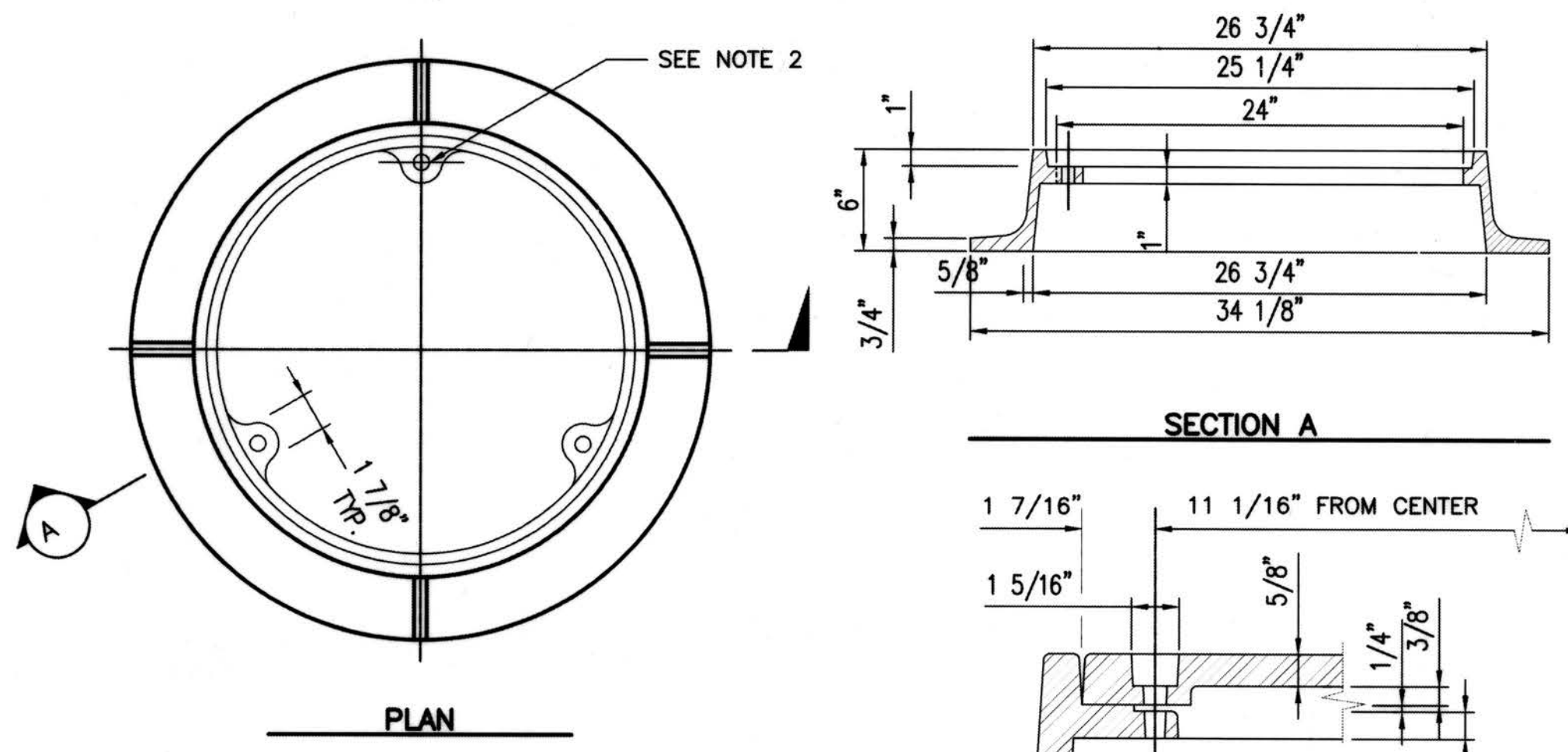
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GREENBRIDGE DIVISION 8
GRADING AND DRAINAGE DETAILS

SHEET
GD-28

SEC. 6, T.23 N., R.4E., W.M.

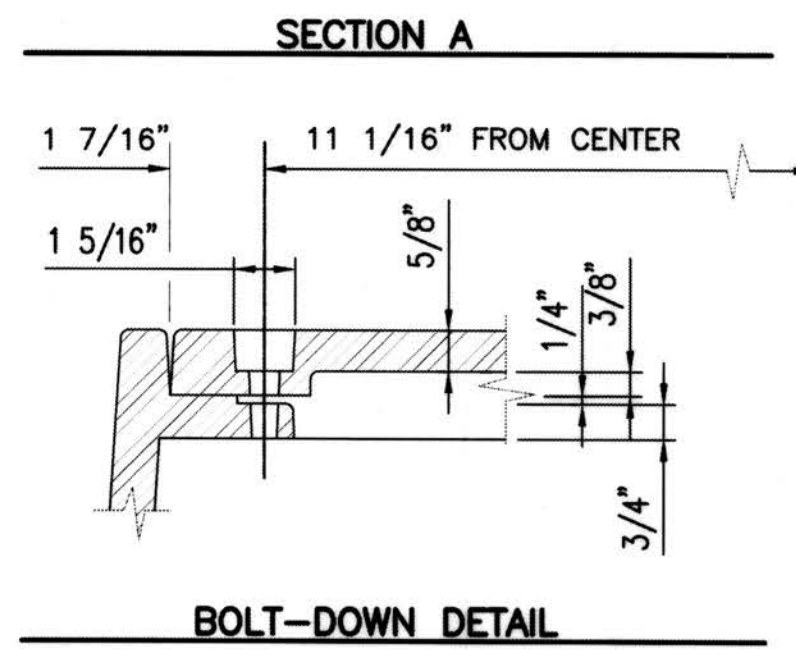


NOTES:

1. MATERIAL IS CAST IRON ASTM A48 CLASS 30.
2. DRILL AND TAP THREE 5/8 IN.-11 NC HOLES THROUGH FRAME AT 120° AND 11 1/16 IN. RADIUS.
3. SEE SEC. 7.05.
4. SEE THE WSDOT/APWA STANDARD SPECIFICATION SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

LOCKING MANHOLE FRAME

KING CO. STD. DRAWING NO. 7-023
NTS

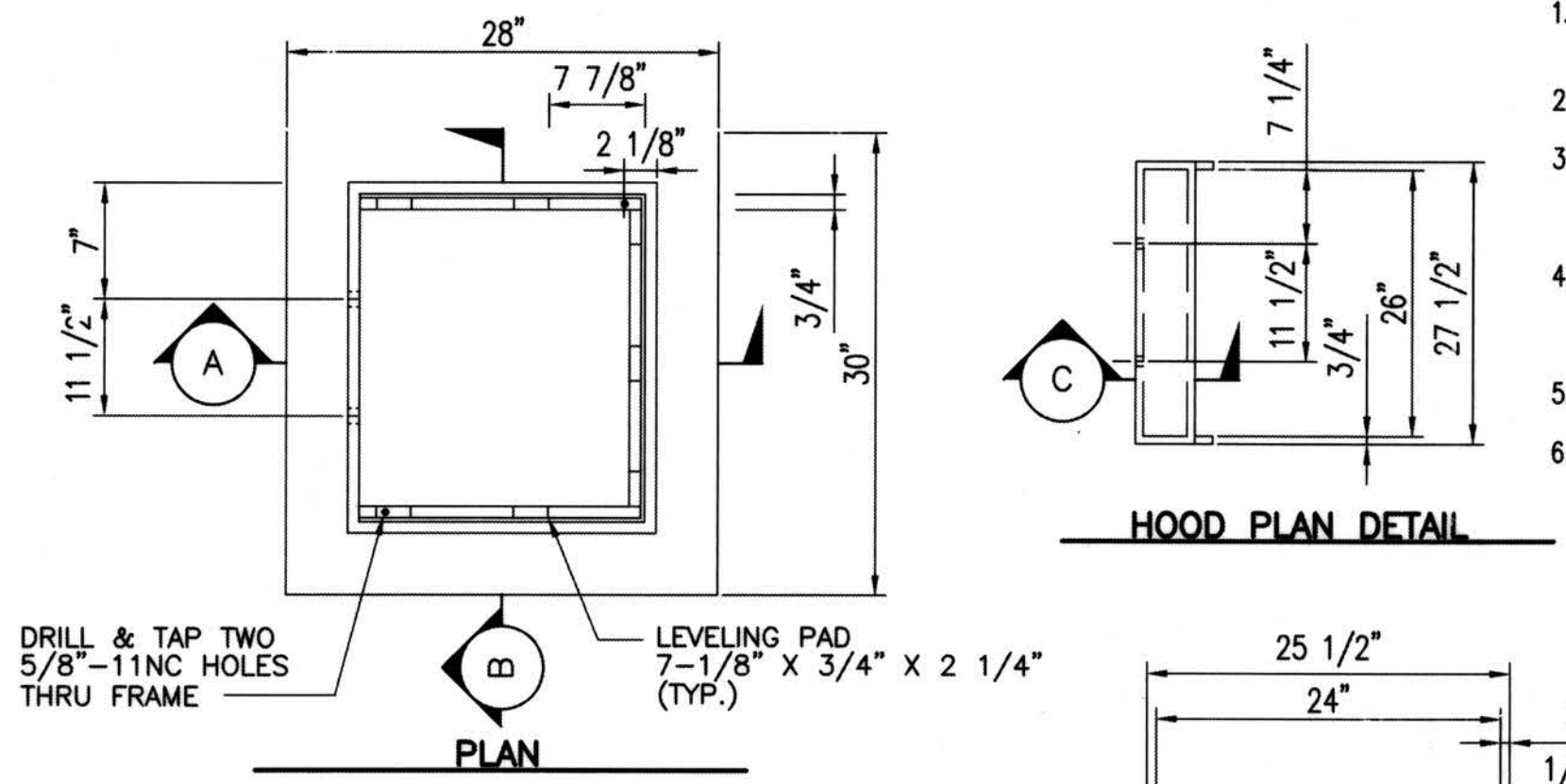


NOTES:

1. USE WITH THREE LOCKING BOLTS 5/8 IN.-11 NC STAINLESS TYPE 304 STEEL SOCKET HEAD (ALLEN HEAD) CAP SCREWS 2 IN. LONG. DRILL HOLES SPACED 120° AT 11 1/16 IN. RADIUS.
2. MATERIAL IS DUCTILE IRON ASTM A536 GRADE 80-55-06
3. SEE SEC. 7.05.
4. DRILL THREE 1 IN. HOLES SPACED AT 120° AND 9 1/2 IN. RADIUS.
5. SEE THE WSDOT/APWA STANDARD SPECIFICATION SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

SOLID LOCKING LID DETAIL

KING CO. STD. DRAWING NO. 7-022
NTS

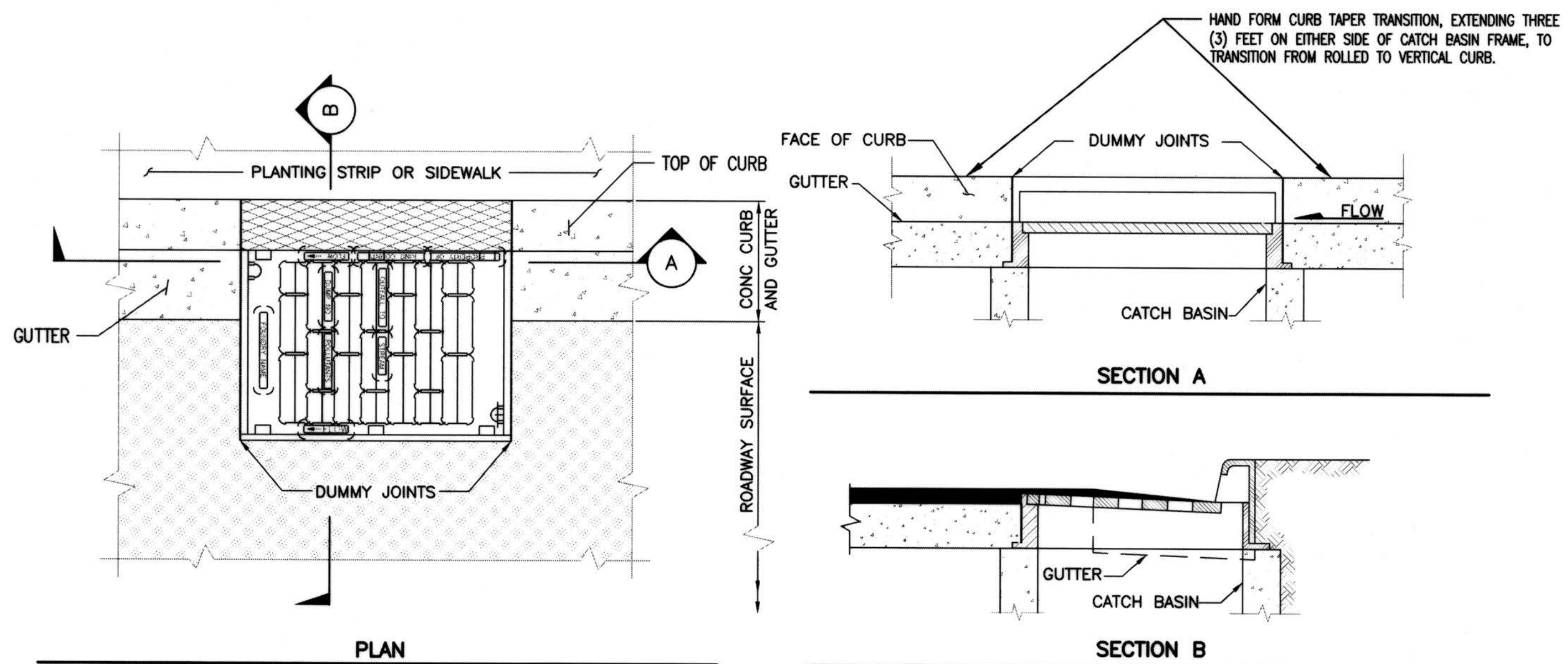


NOTES:

1. MATERIAL IS CAST IRON ASTM A48 CLASS 30.
2. SEE FIG. 7-018 FOR VANED GRATE.
3. PATTERN ON TOP SURFACE OF HOOD SHALL BE 3/16 IN. NON-SKID DIAMOND.
4. BOLT, WASHER, AND NUT SHALL BE GALVANIZED OR CORROSION RESISTANT.
5. SEE SEC. 7.05.
6. SEE THE WSDOT/APWA STANDARD SPECIFICATION SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

THROUGH-CURB INLET FRAME

KING CO. STD. DRAWING NO. 7-016
NTS

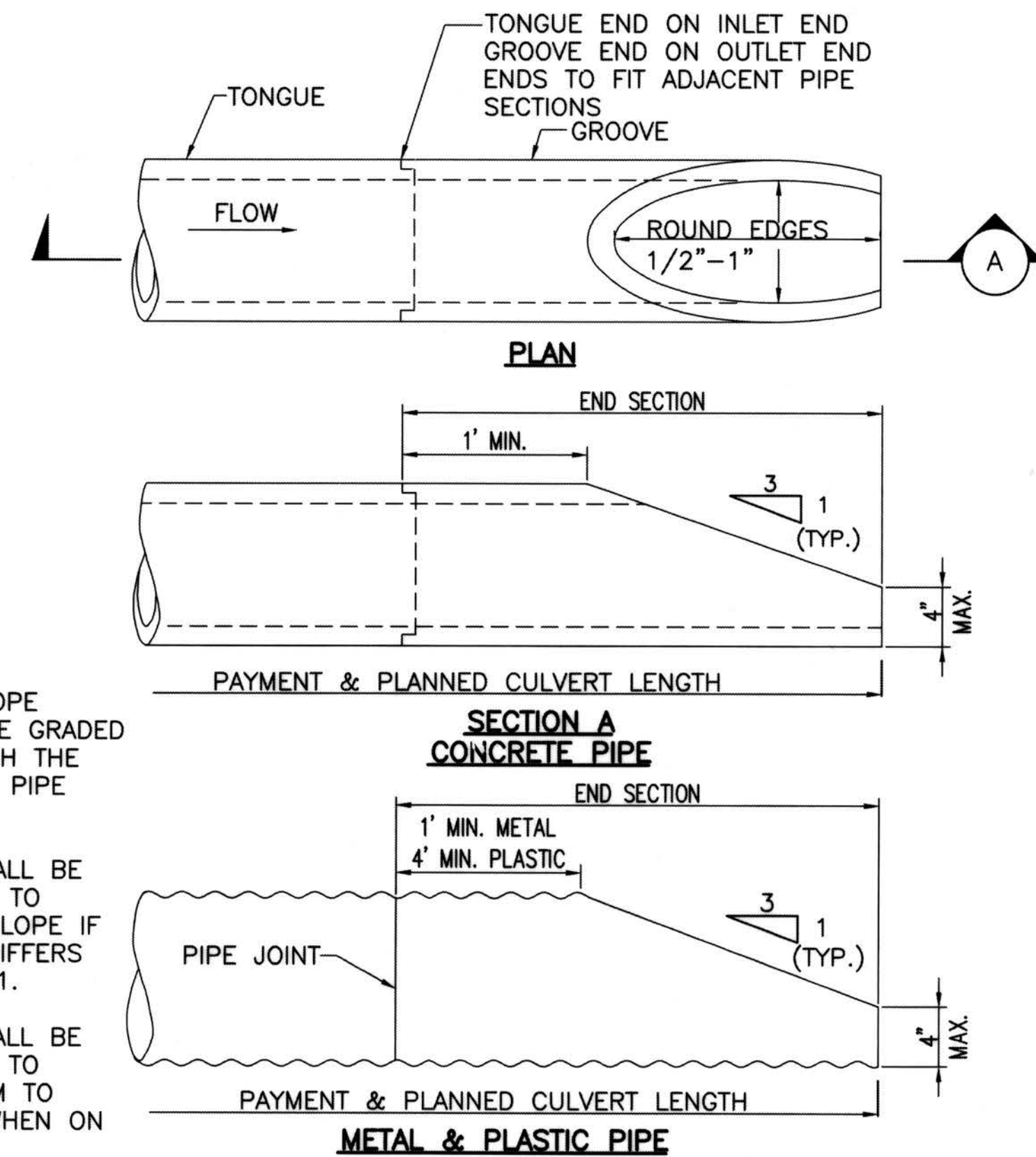


NOTES:

1. SET TO GRADE AND CONSTRUCT ROAD AND GUTTER TO BE FLUSH WITH FRAME.
2. SEE SEC. 3.04 FOR JOINT REQUIREMENTS.
3. SEE THE WSDOT/APWA STANDARD SPECIFICATION SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

THROUGH-CURB INLET FRAME & GRATE WITH VERTICAL CURB INSTALLATION

KING CO. STD. DRAWING NO. 7-017 (MODIFIED)
NTS



NOTES:

1. SIDE SLOPE SHALL BE GRADED TO MATCH THE BEVELED PIPE END.
2. PIPE SHALL BE BEVELED TO MATCH SLOPE IF SLOPE DIFFERS FROM 3:1.
3. PIPE SHALL BE POTATED TO CONFORM TO SLOPE WHEN ON SKEW.

BEVELED END PIPE SECTION

KING CO. STD. DRAWING NO. 7-001
NTS

RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____
Scott Smith P.E. Development Engineer

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KMB
Jul 16, 2019 - 3:12pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
JOB No. : 1600206	

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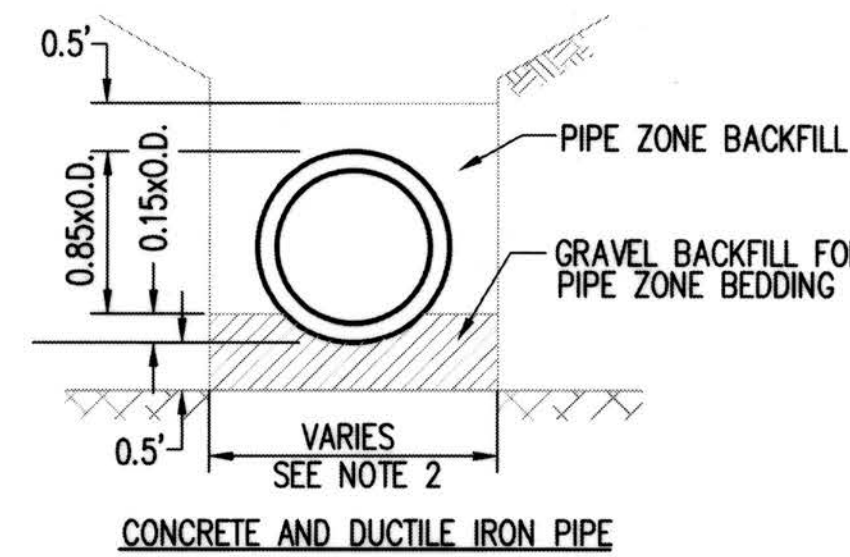
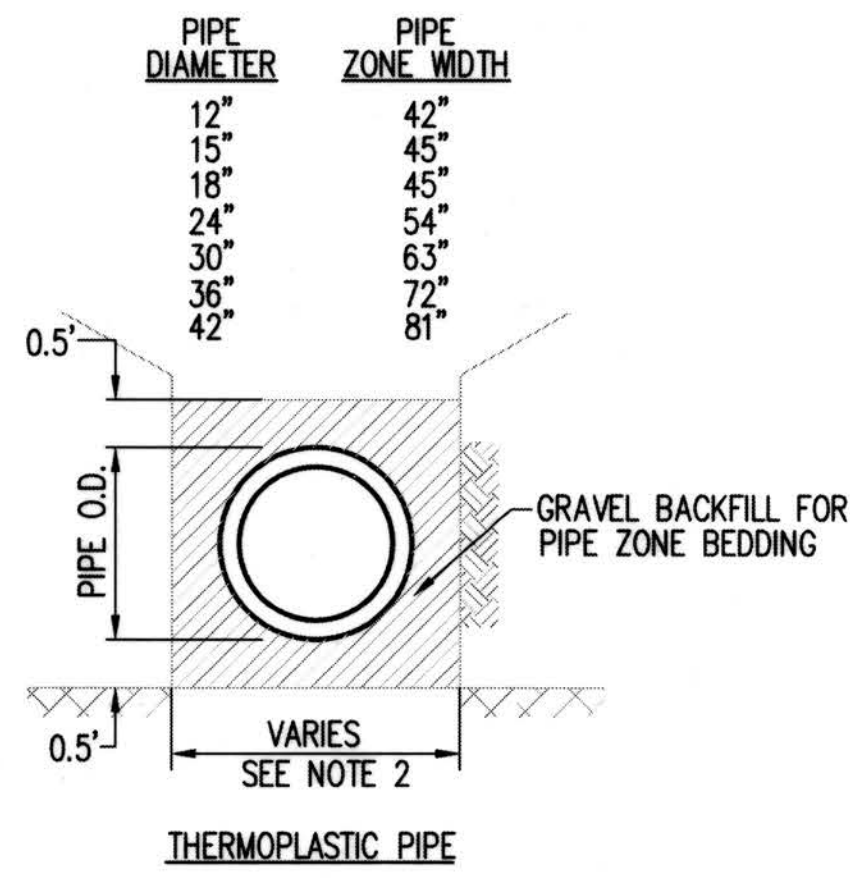
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PROJECT NO. STRV17-0006
ACTIVITY NO.

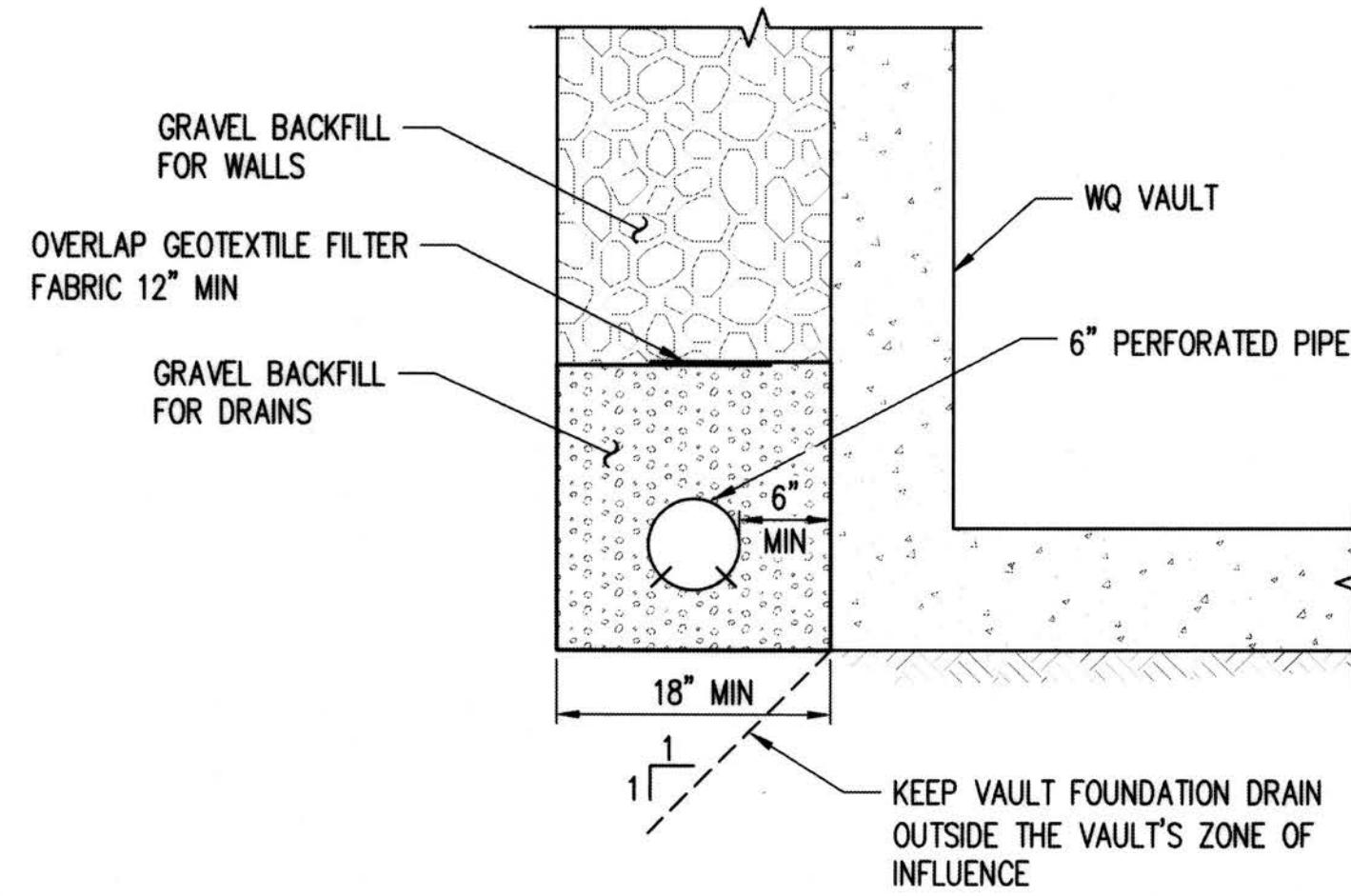
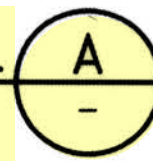


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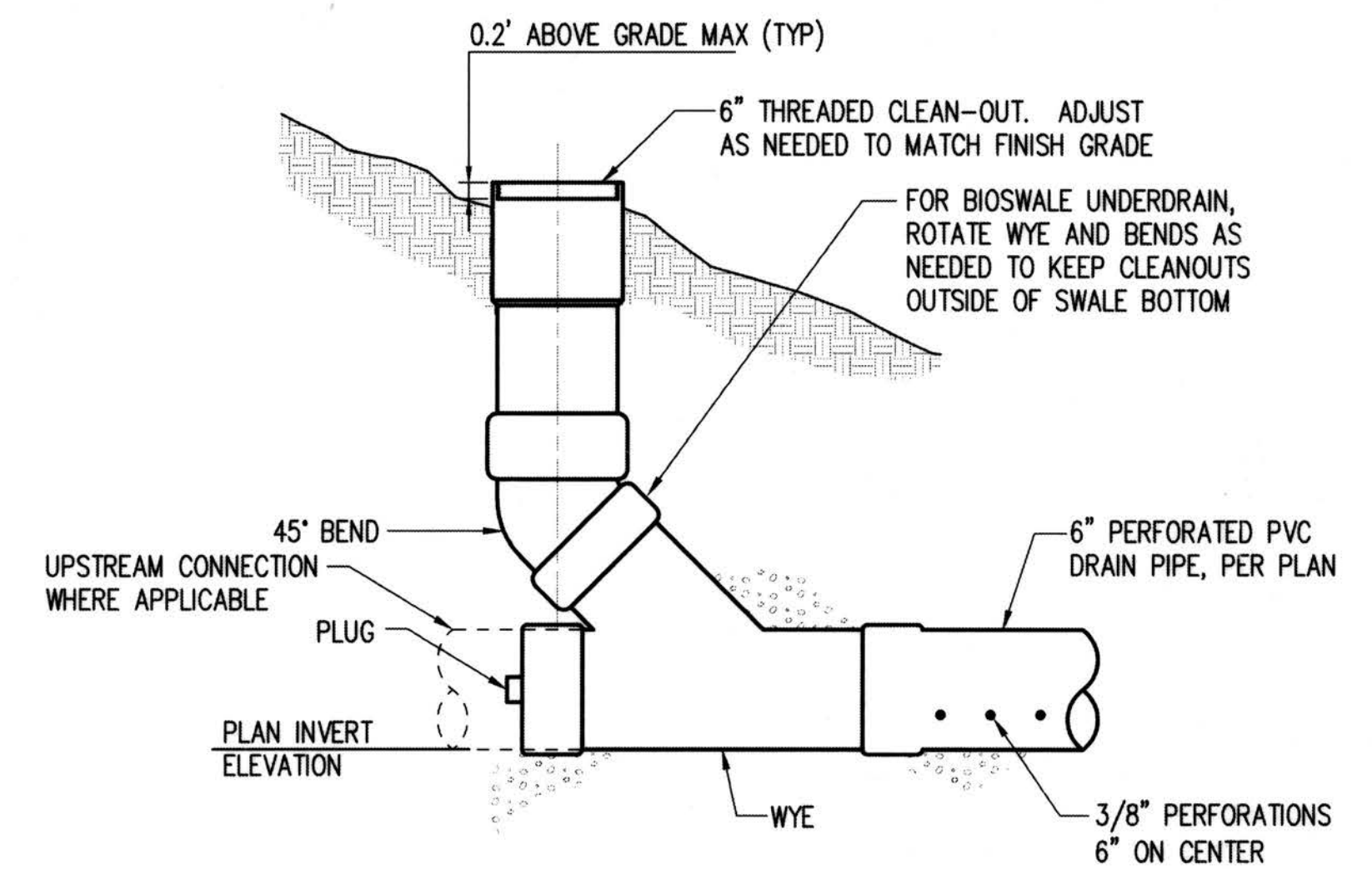
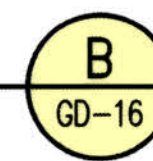
- SEE STANDARD SPECIFICATIONS SECTION 7-08.3(3) FOR PIPE ZONE BACKFILL.
- TRENCH WIDTH SHALL BE AS SPECIFIED BELOW. TAKEN FROM WSDOT/APWA STD. SPECS. SEC. 2-09.4

PIPE ZONE BEDDING & BACKFILL DETAIL

WSDOT/APWA STD. PLAN B-55.20-00
NTS

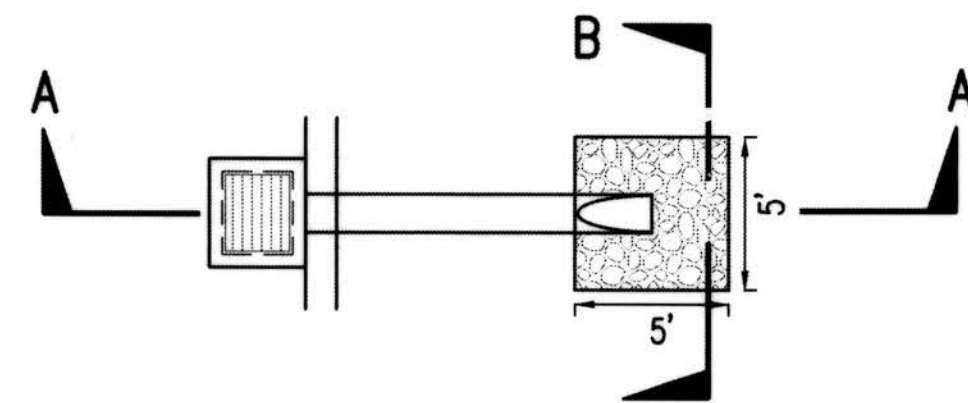
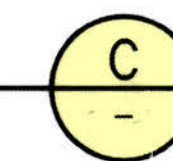


VAULT FOUNDATION DRAIN

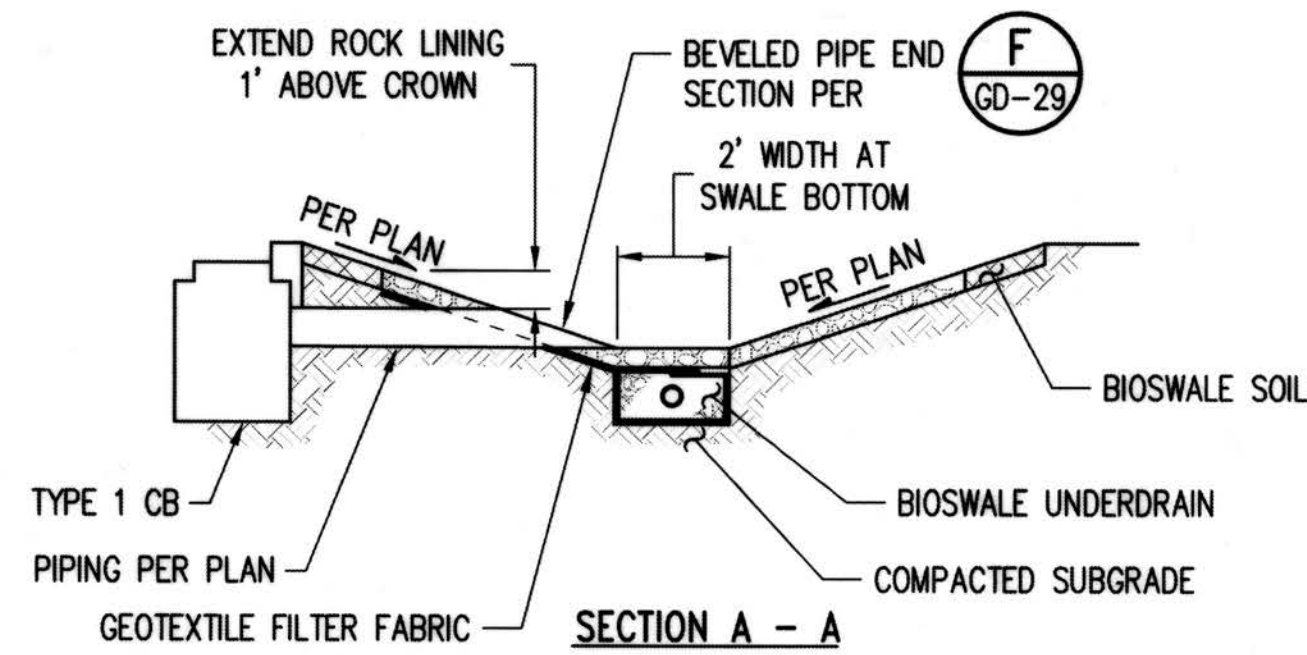


BIOSWALE UNDERDRAIN AND FRENCH DRAIN CLEANOUT DETAIL

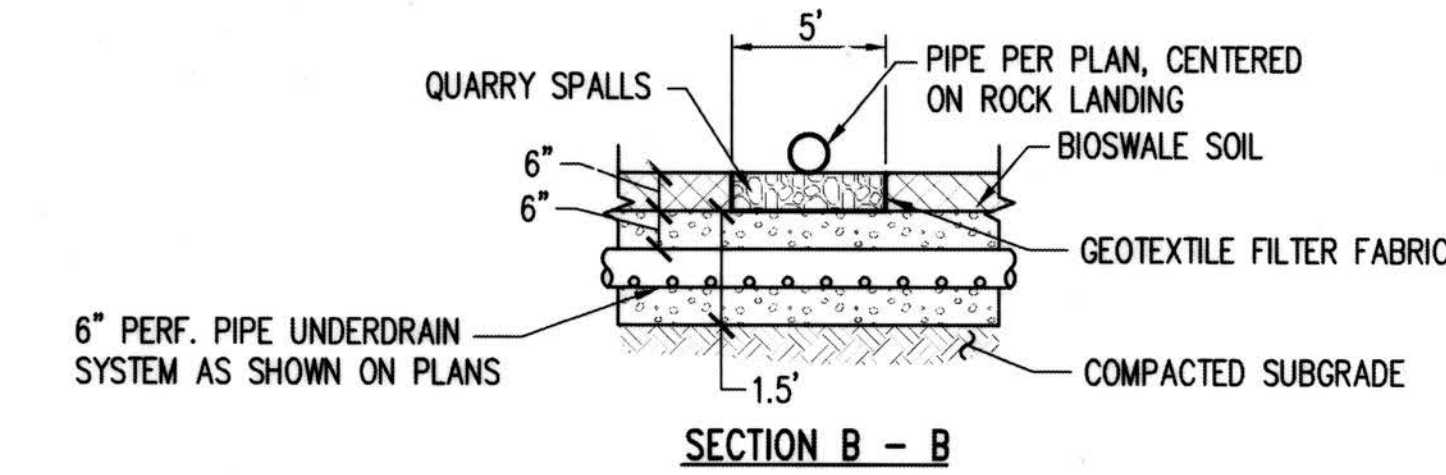
NTS



PLAN VIEW



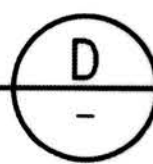
SECTION A - A



SECTION B - B

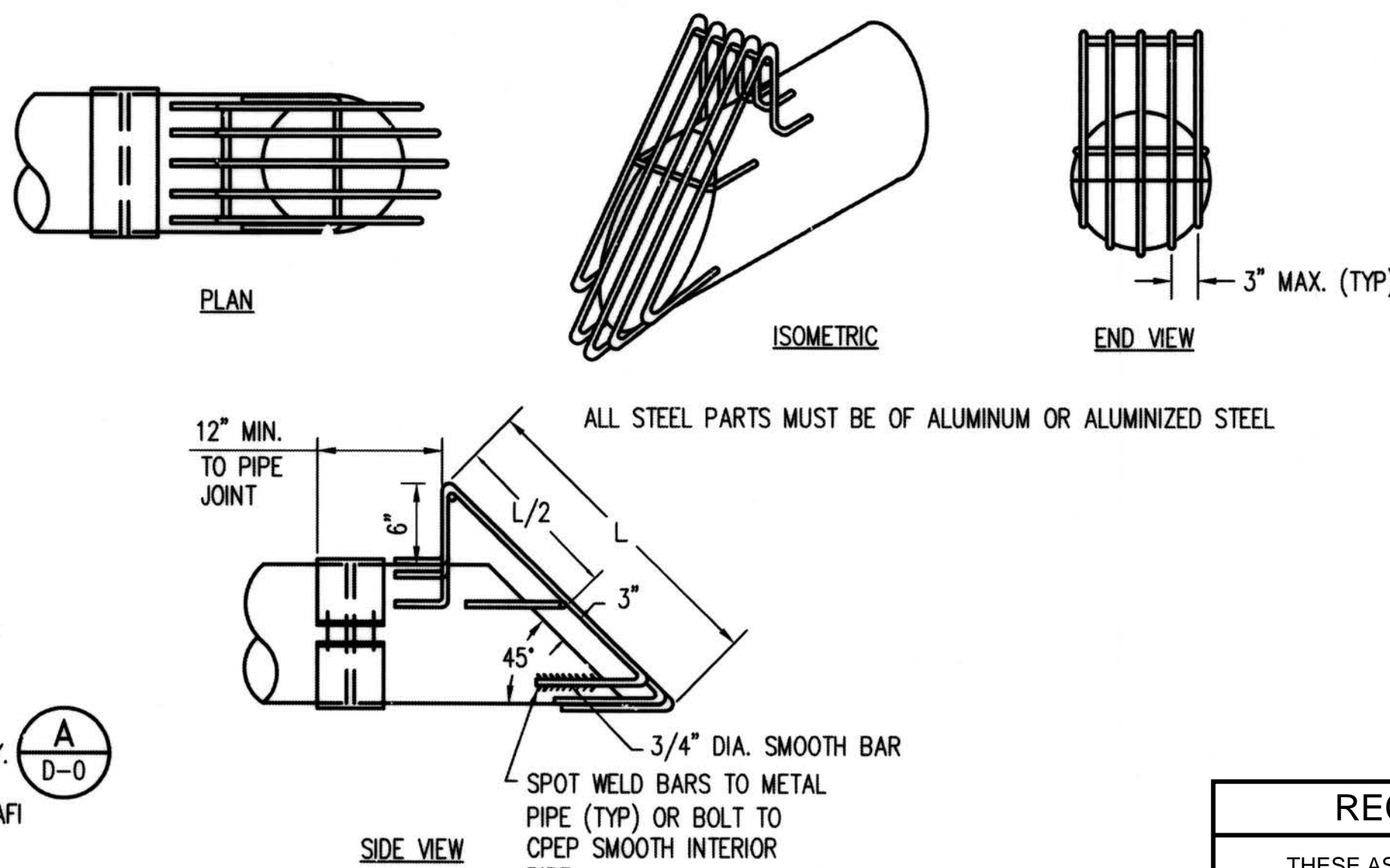
OUTFALL AND INLET PROTECTION LEVEL SPREADER DETAIL

NTS



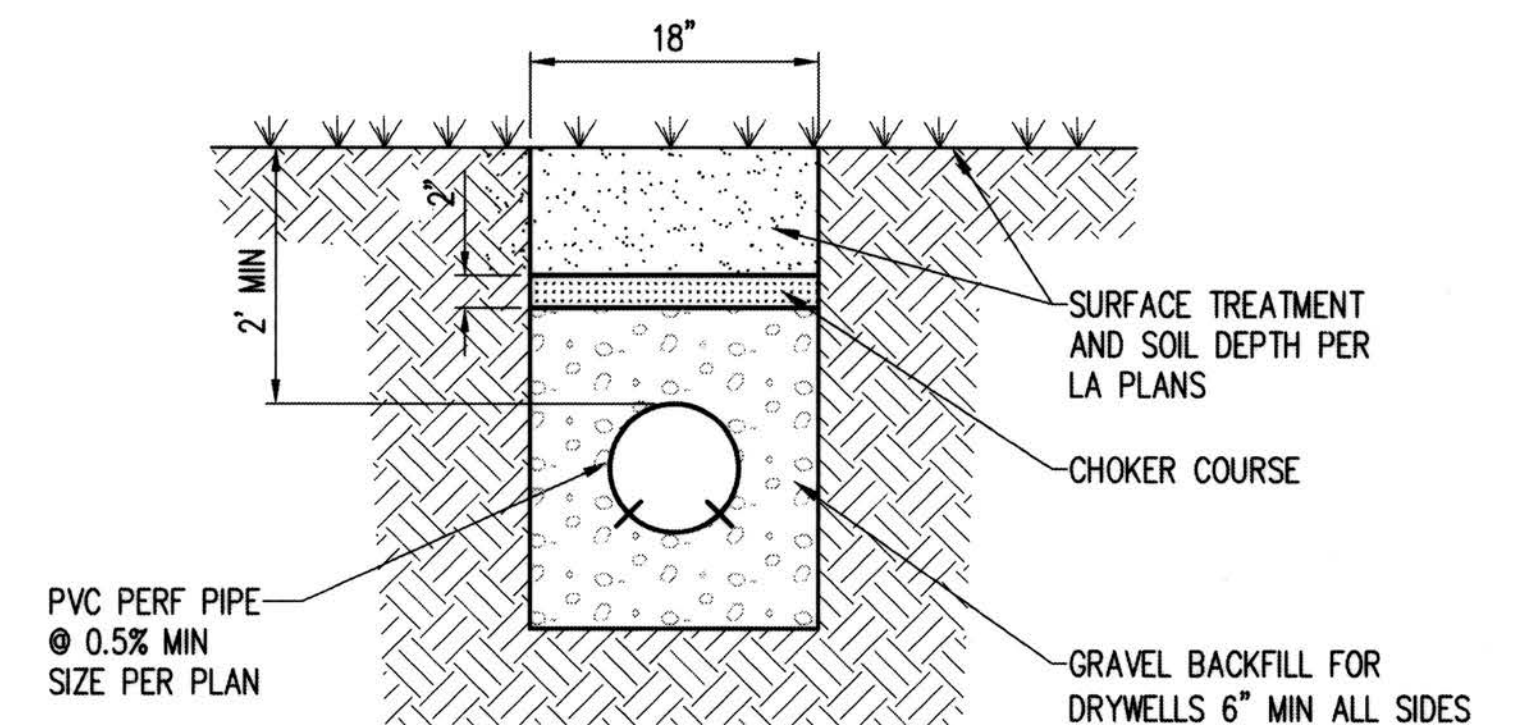
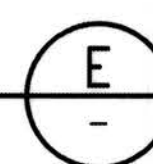
NOTES:

- QUARRY SPALL TRENCH TO BE INSTALLED PERPENDICULAR AND LEVEL TO THE BIOSWALE.
- SEE ROAD SECTION FOR SWALE GEOMETRY.
- GEOTEXTILE FILTER FABRIC SHALL BE MIRAFI 140N OR EQUIVALENT.
- FOR PIPE INLET PROTECTION AT SWALE OUTLET, PROVIDE 4'x4' PROTECTION PER SECTION B-B.



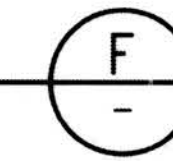
DEBRIS BARRIER

KCSWDM FIG. 4.2.1.0
NTS



FRENCH DRAIN DETAIL

NTS



RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\Grading & Drainage\25-08-GD-27-GD07.dwg Jul 16, 2019 3:12pm KmsB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
JOB No. : 1600206	



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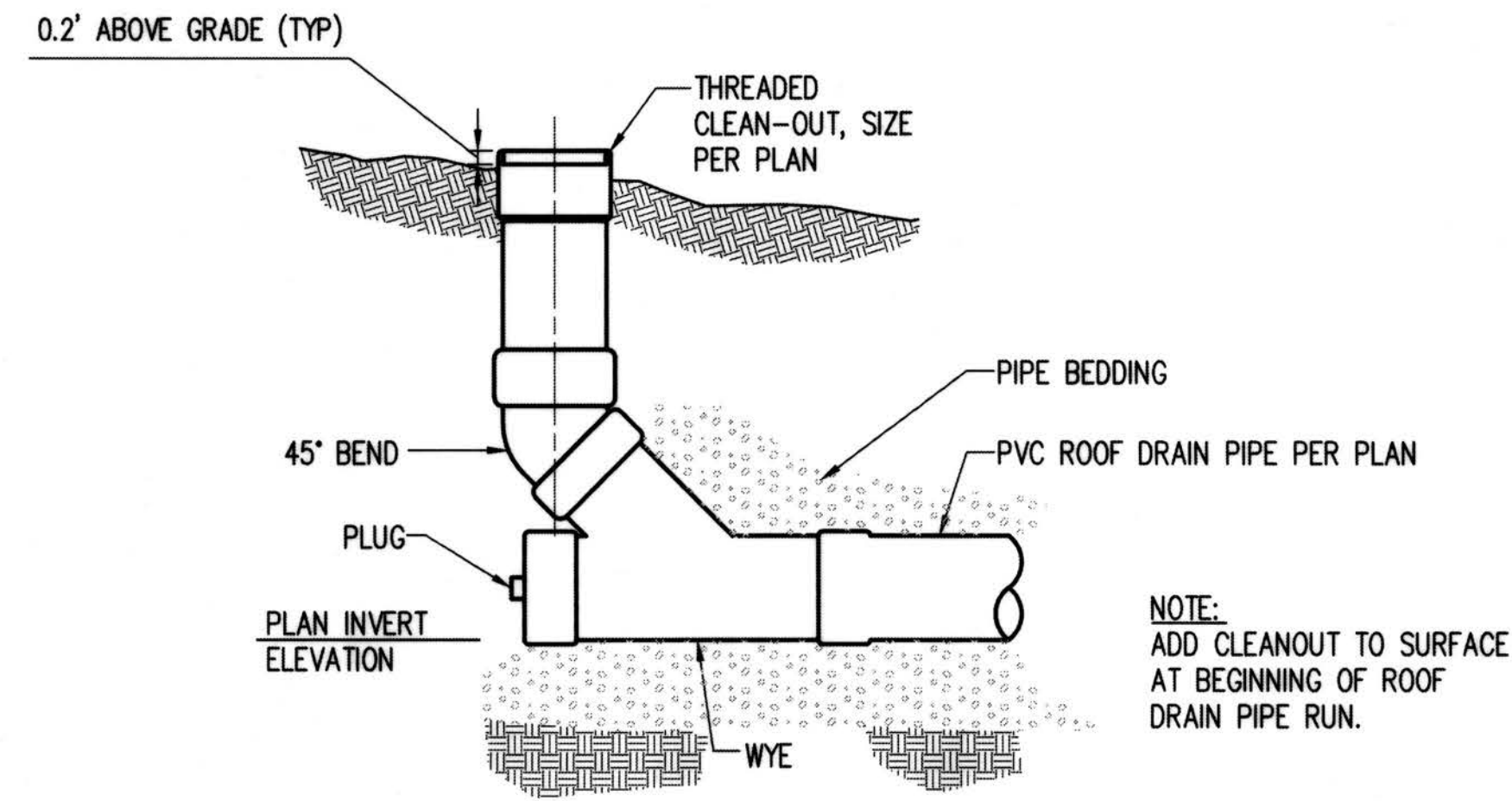
GREENBRIDGE DIVISION 8
GRADING AND DRAINAGE DETAILS

SHEET

GD-30

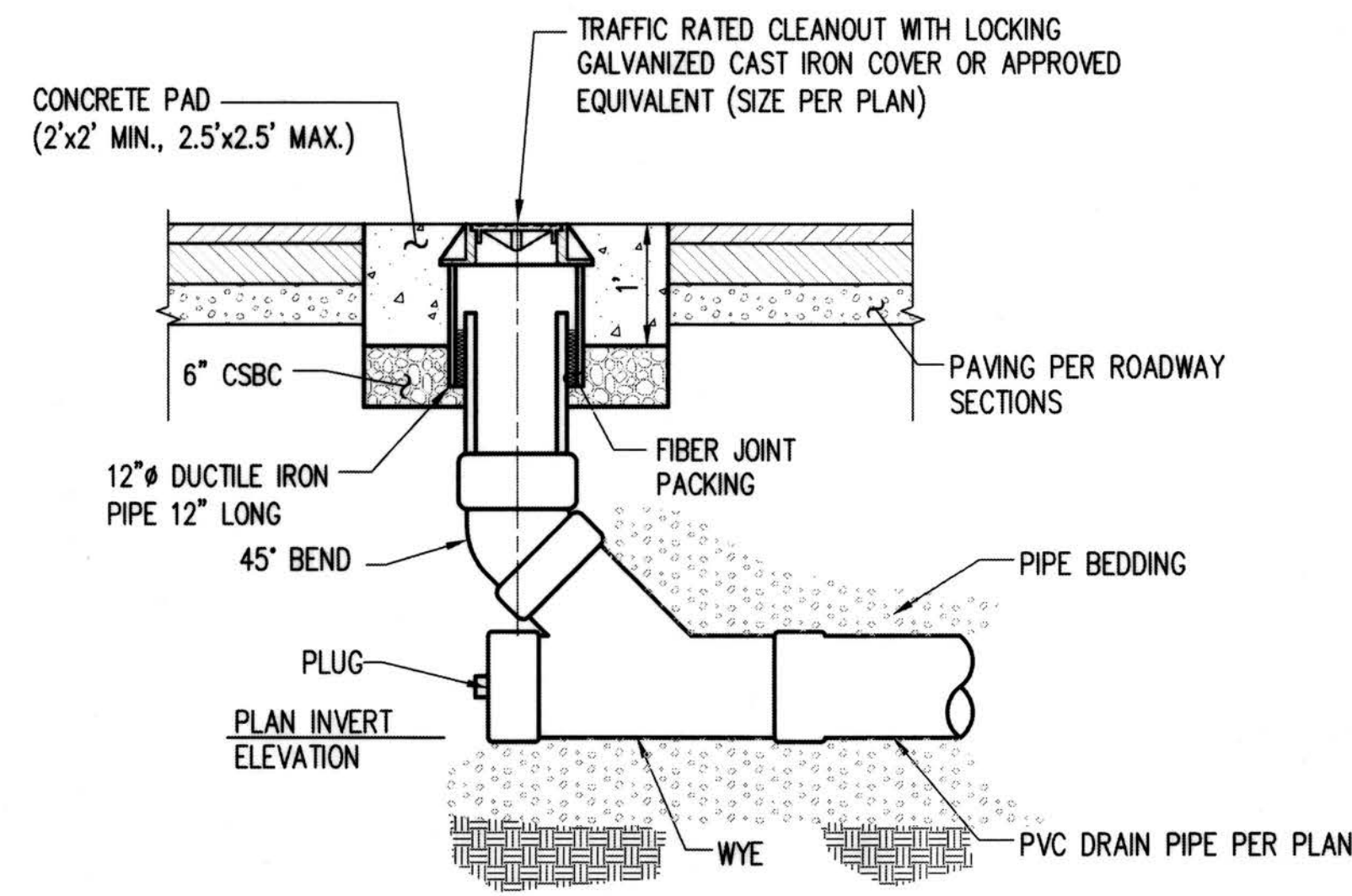
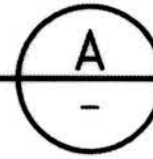
PROJECT NO. STRV17-0006
ACTIVITY NO.

SEC. 6, T.23 N., R.4E., W.M.



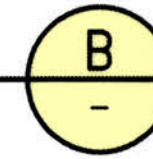
ROOF DRAIN CLEANOUT IN LANDSCAPE AREA

NTS



ROOF DRAIN CLEANOUT IN PAVED AREA

NTS



RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

DEPARTMENT OF LOCAL SERVICES PERMITTING DIVISION

Final Corrected Plans

Reviewer _____ Date _____
Scott Smith P.E. Development Engineer

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Jul 16, 2019 - 3:12pm KevinB

ACTIVITY NO. PROJECT NO. STRV17-0006

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GREENBRIDGE DIVISION 8
GRADING AND DRAINAGE DETAILS

SHEET

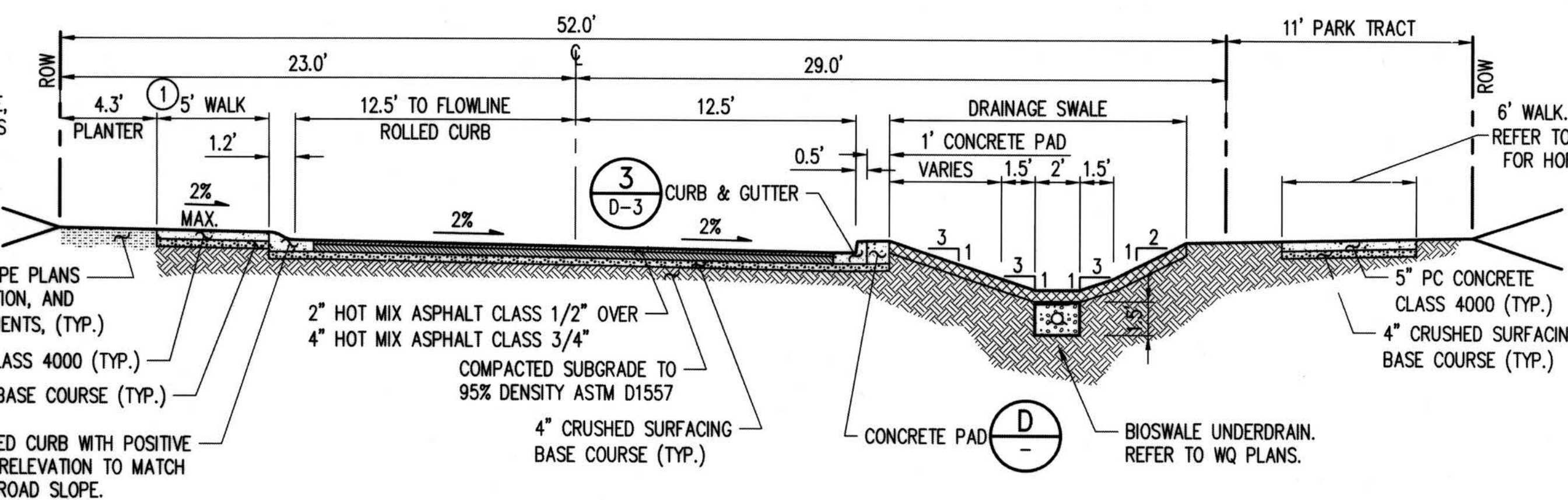
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PK 4477

SEC. 6, T.23 N., R.4E., W.M.

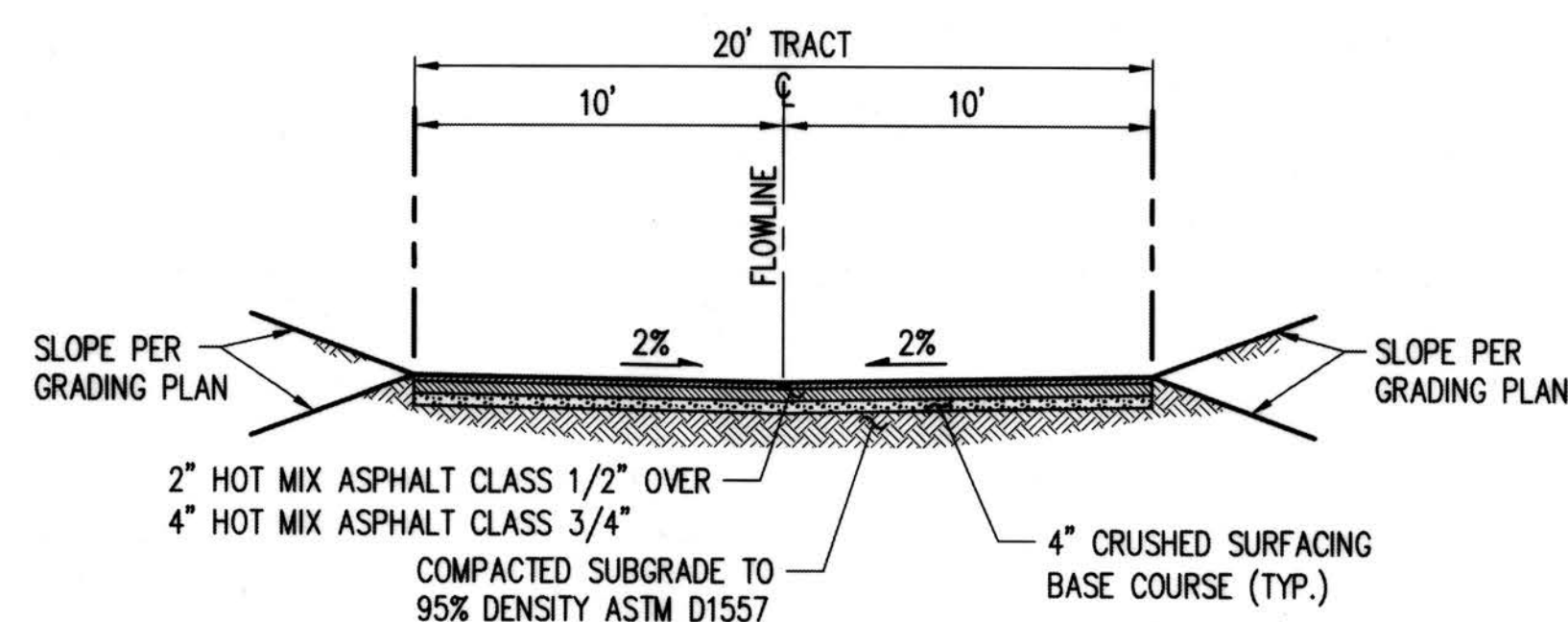
SECTION A NOTES:

- REFER TO THE HORIZONTAL CONTROL PLANS FOR DRIVEWAY PAD LOCATIONS, LOT PATH LOCATIONS AND CURB TRANSITIONS.
- TO ACCOMMODATE THE STORM CATCH BASIN FRAME, THE ROLLED CURB REQUIRES A HAND FORMED TAPER EXTENDING A MINIMUM OF 3- FEET ON EITHER SIDE OF THE CATCH BASIN FRAME.
- ROLLED CURB WITH POSITIVE SUPERELEVATION TO MATCH THE ROAD SLOPE.
- REFER TO LANDSCAPE PLANS FOR SOIL, COMPACTION, AND PLANTING REQUIREMENTS, (TYP.)
- 5" PC CONCRETE CLASS 4000 (TYP.)
- 4" CRUSHED SURFACING BASE COURSE (TYP.)
- 2" HOT MIX ASPHALT CLASS 1/2" OVER 4" HOT MIX ASPHALT CLASS 3/4"
- COMPACTED SUBGRADE TO 95% DENSITY ASTM D1557
- 4" CRUSHED SURFACING BASE COURSE (TYP.)
- CONCRETE PAD
- BIOSWALE UNDERDRAIN. REFER TO WQ PLANS.
- 5" PC CONCRETE CLASS 4000 (TYP.)
- 4" CRUSHED SURFACING BASE COURSE (TYP.)
- 6" WALK. LOCATION VARIES REFER TO LANDSCAPE PLANS FOR HORIZONTAL CONTROL



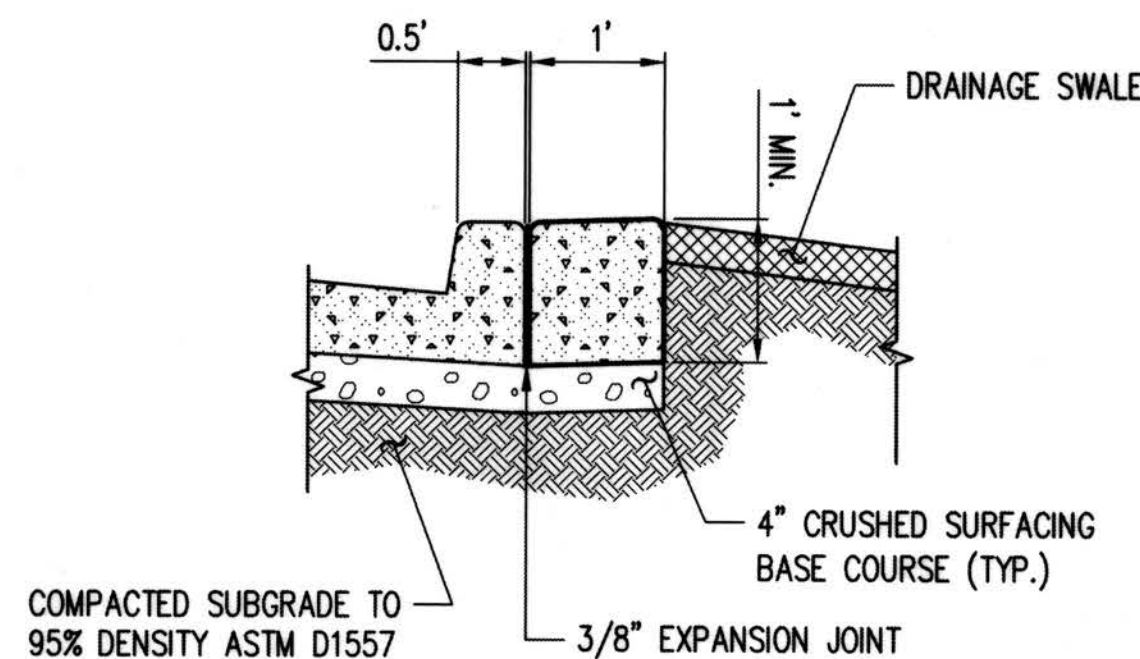
ROADWAY SECTION - SUBACCESS
5TH LANE SW
SCALE: 1" = 5'

A



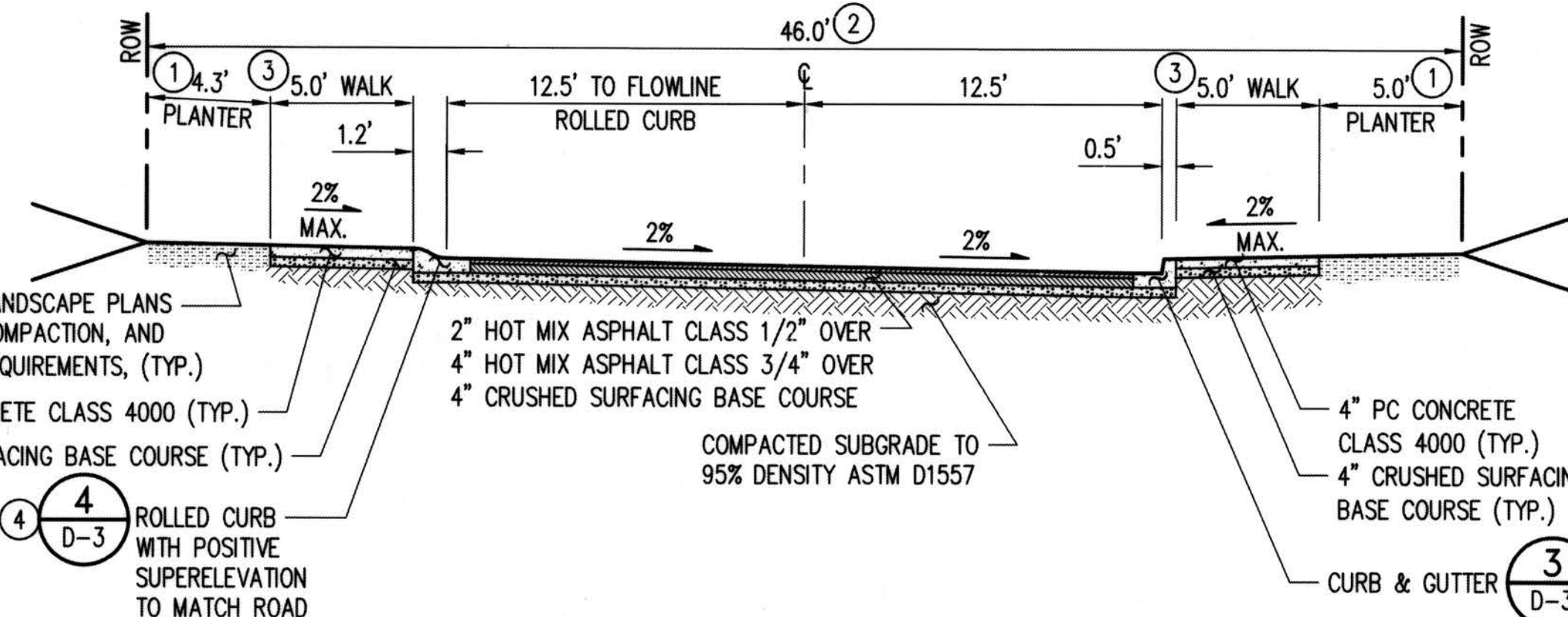
ROADWAY SECTION - ALLEY
TRACT A -
801, 802, 803, 804, 805, AND 806
SCALE: 1" = 5'

C



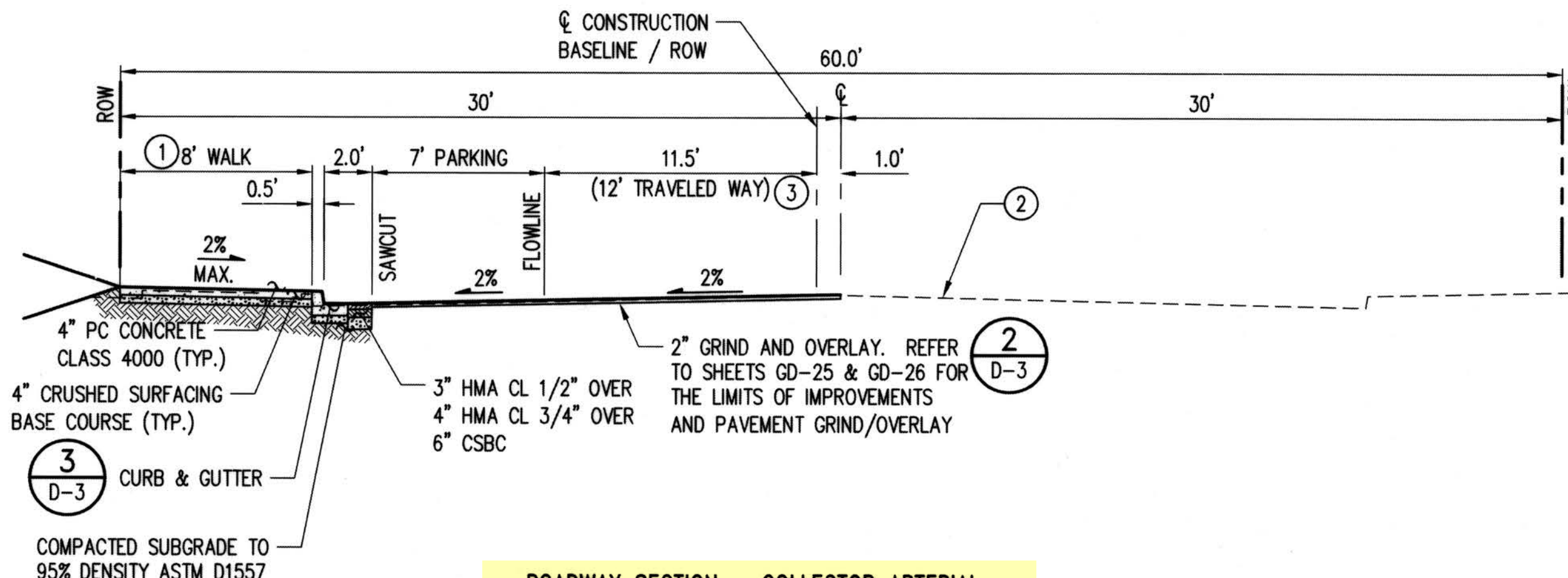
CONCRETE PAD
NTS

D



ROADWAY SECTION - SUBACCESS
SW 97TH ST, SW 97TH PL, SW 98TH ST
SW 98TH PL AND SW 99TH PL
SCALE: 1" = 5'

B



ROADWAY SECTION - COLLECTOR ARTERIAL
4TH AVE SW - WITH PARKING
SCALE: 1" = 5'

F

4TH AVENUE SW SECTION NOTES:

- REFER TO LANDSCAPE PLANS FOR LOCATIONS AND DIMENSIONS OF TREE BLOCKOUTS OR THE WQ PLANS FOR BIORETENTION CELL REQUIREMENTS. REFER TO D-4 FOR STANDARD TREE BLOCKOUT DETAIL.
- ON 4TH AVE SW, FROM SW 100TH ST TO SW 102ND ST SHALL BE HALF STREET IMPROVEMENTS ON THE WEST SIDE TO THE CENTERLINE ONLY. PROTECT EXISTING STREET, HARDSCAPE AND UTILITIES FROM DAMAGE DURING CONSTRUCTION.
- REFER TO CHANNELIZATION PLANS FOR LANE STRIPING.

SECTION B NOTES:

- PLANTER WIDTH VARIES IN RESPONSE TO CURB SECTION.
- THE RIGHT OF WAY WIDTH FOR SW 98TH ST IS 47' AND THE SOUTHERN SIDEWALK IS 6 FEET IN WIDTH.
- REFER TO THE HORIZONTAL CONTROL PLANS FOR DRIVEWAY LOCATIONS, LOT PATH LOCATIONS, AND CURB TRANSITIONS.
- TO ACCOMMODATE THE STORM CATCH BASIN FRAME, THE ROLLED CURB REQUIRES A HAND FORMED TAPER EXTENDING A MINIMUM OF 3- FEET ON EITHER SIDE OF THE CATCH BASIN FRAME.

RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer _____ Date _____

Scott Smith P.E.
Development Engineer

P# 4477

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KewB
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NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: KMB, TAD
DESIGNED BY: BB, SZ
CHECKED BY: JCG
APPROVED BY: MAV

DATE: JULY 18, 2019

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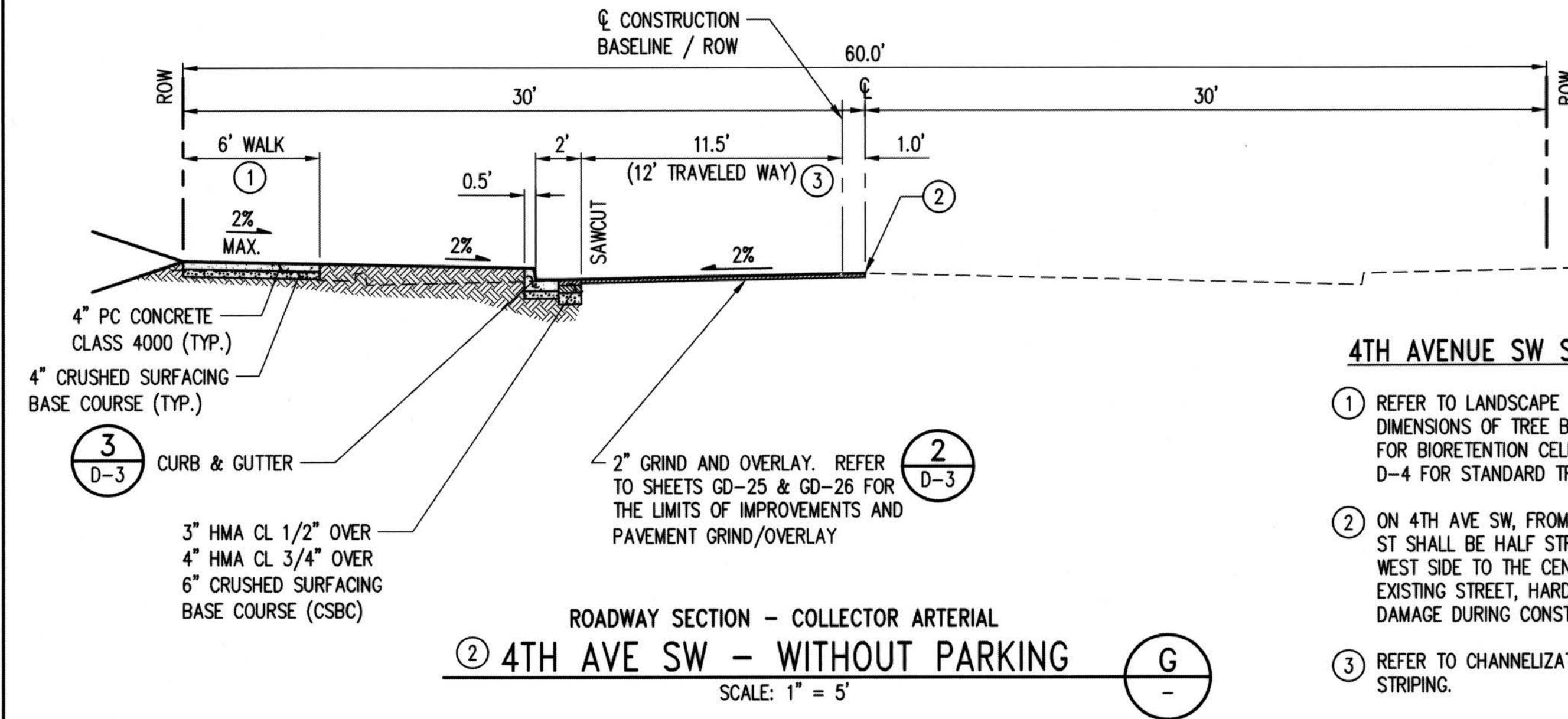
GREENBRIDGE DIVISION 8

ROADWAY SECTIONS

SHEET

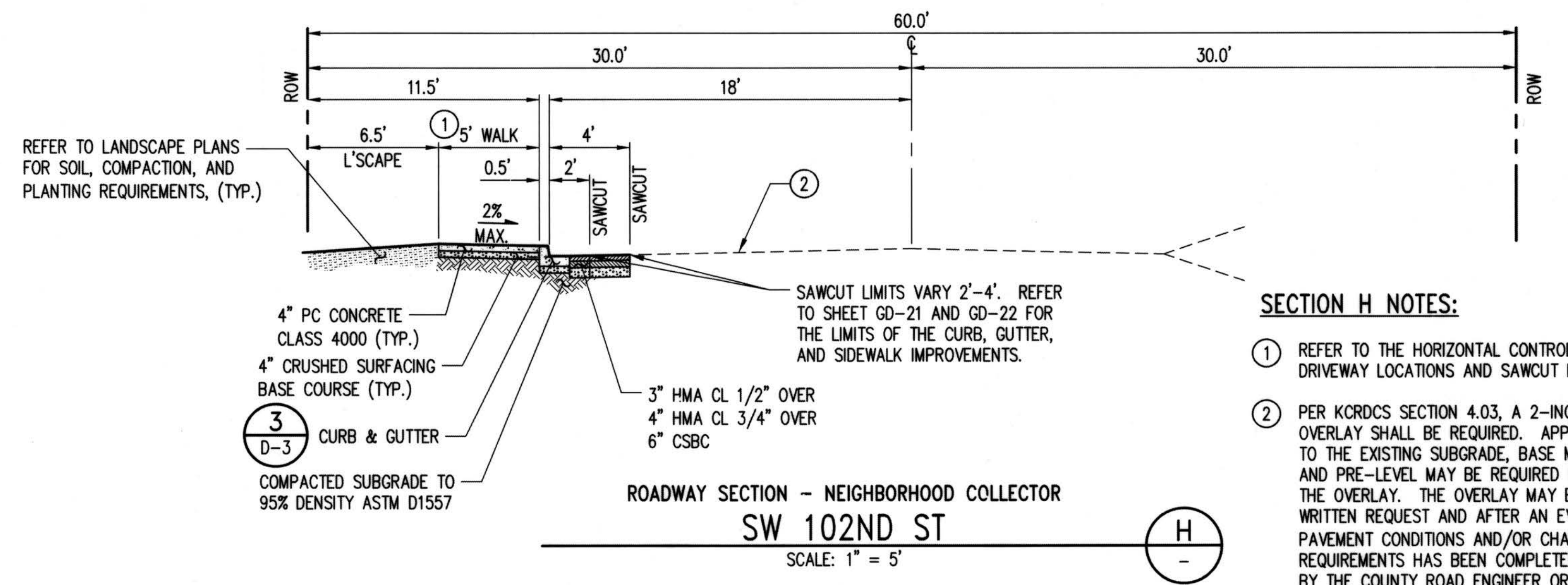
D-0

PROJECT NO. STRV17-0006
ACTIVITY NO.



4TH AVENUE SW SECTION NOTES:

- ① REFER TO LANDSCAPE PLANS FOR LOCATIONS AND DIMENSIONS OF TREE BLOCKOUTS OR THE WQ PLANS FOR BIORETENTION CELL REQUIREMENTS. REFER TO D-4 FOR STANDARD TREE BLOCKOUT DETAIL.
- ② ON 4TH AVE SW, FROM SW 100TH ST TO SW 102ND ST SHALL BE HALF STREET IMPROVEMENTS ON THE WEST SIDE TO THE CENTERLINE ONLY. PROTECT EXISTING STREET, HARDSCAPE AND UTILITIES FROM DAMAGE DURING CONSTRUCTION.
- ③ REFER TO CHANNELIZATION PLANS FOR LANE STRIPING.

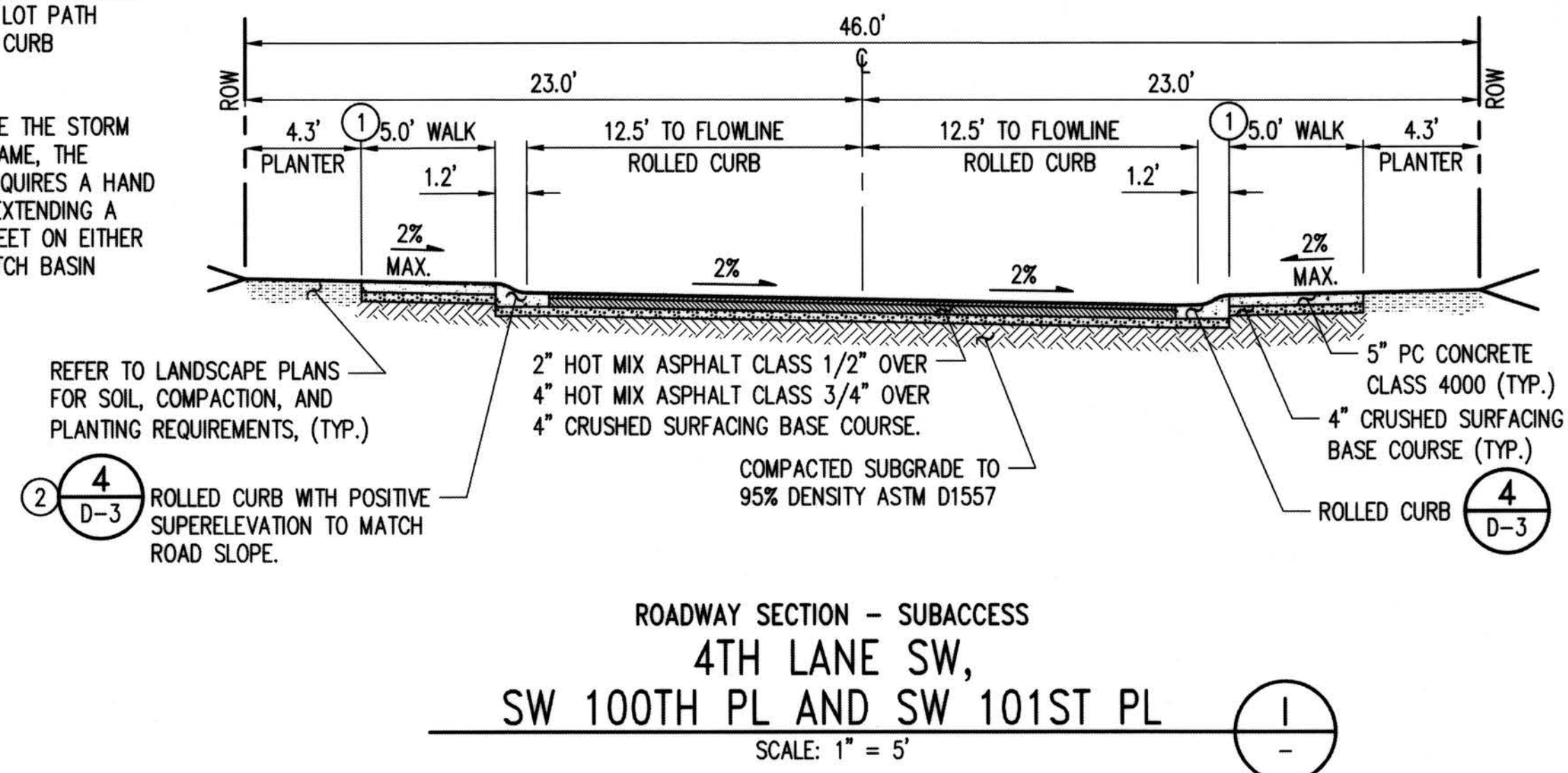


SECTION H NOTES:

- ① REFER TO THE HORIZONTAL CONTROL PLANS FOR DRIVEWAY LOCATIONS AND SAWCUT LIMITS.
- ② PER KCRDCS SECTION 4.03, A 2-INCH FULL WIDTH OVERLAY SHALL BE REQUIRED. APPROPRIATE REPAIRS TO THE EXISTING SUBGRADE, BASE MATERIAL, SURFACING AND PRE-LEVEL MAY BE REQUIRED PRIOR TO PLACING THE OVERLAY. THE OVERLAY MAY BE WAIVED UPON WRITTEN REQUEST AND AFTER AN EVALUATION OF PAVEMENT CONDITIONS AND/OR CHANNELIZATION REQUIREMENTS HAS BEEN COMPLETED AND APPROVED BY THE COUNTY ROAD ENGINEER OR DEVELOPMENT ENGINEER.

SECTION I NOTES:

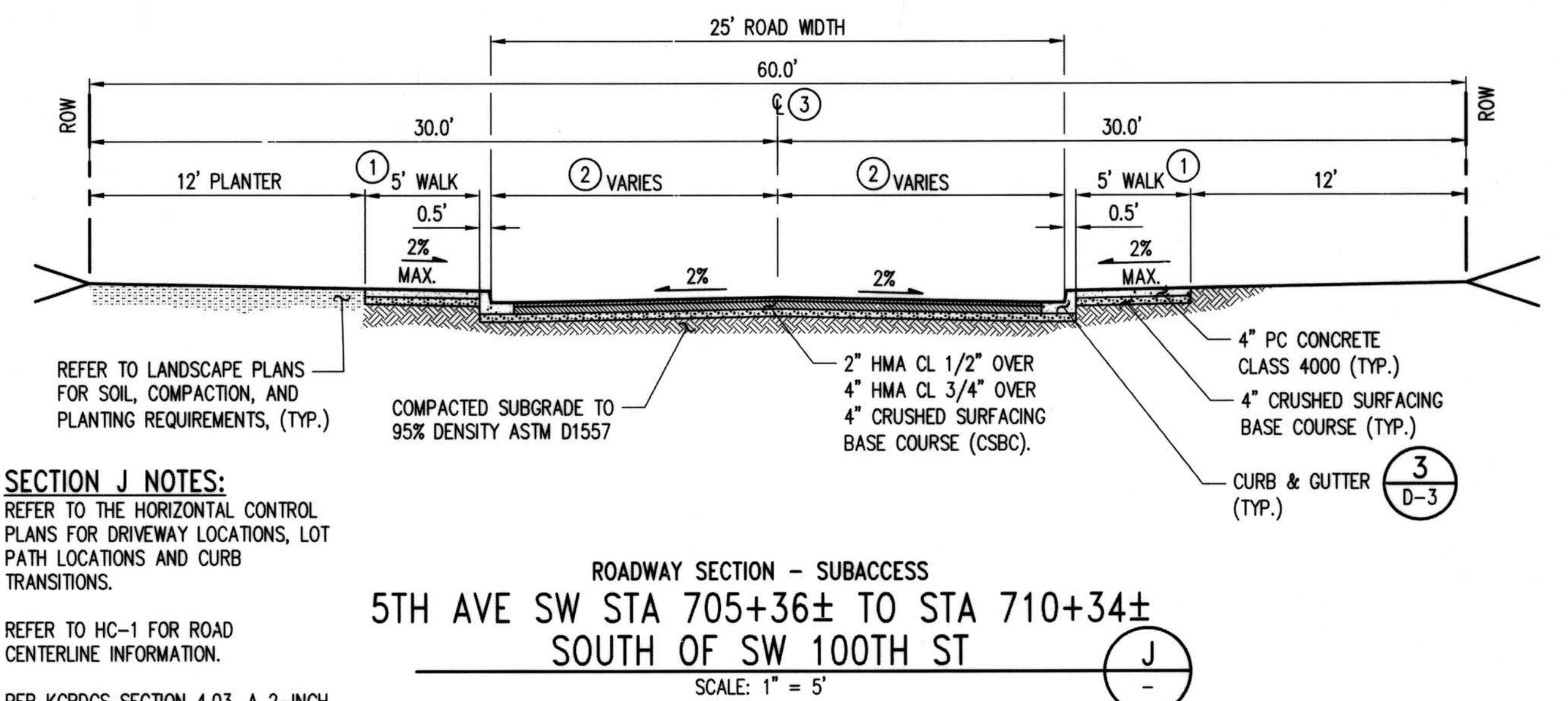
- ① REFER TO THE HORIZONTAL CONTROL PLANS FOR DRIVEWAY PAD LOCATIONS, LOT PATH LOCATIONS, AND CURB TRANSITIONS.
- ② TO ACCOMMODATE THE STORM CATCH BASIN FRAME, THE ROLLED CURB REQUIRES A HAND FORMED TAPER EXTENDING A MINIMUM OF 3- FEET ON EITHER SIDE OF THE CATCH BASIN FRAME.



ROADWAY SECTION - SUBACCESS

**4TH LANE SW,
SW 100TH PL AND SW 101ST PL**

SCALE: 1" = 5'



SECTION J NOTES:

- ① REFER TO THE HORIZONTAL CONTROL PLANS FOR DRIVEWAY LOCATIONS, LOT PATH LOCATIONS AND CURB TRANSITIONS.
- ② REFER TO HC-1 FOR ROAD CENTERLINE INFORMATION.
- ③ PER KCRDCS SECTION 4.03, A 2-INCH FULL WIDTH OVERLAY SHALL BE REQUIRED. APPROPRIATE REPAIRS TO THE EXISTING SUBGRADE, BASE MATERIAL, SURFACING AND PRE-LEVEL MAY BE REQUIRED PRIOR TO PLACING THE OVERLAY. THE OVERLAY MAY BE WAIVED UPON WRITTEN REQUEST AND AFTER AN EVALUATION OF PAVEMENT CONDITIONS AND/OR CHANNELIZATION REQUIREMENTS HAS BEEN COMPLETED AND APPROVED BY THE COUNTY ROAD ENGINEER OR DEVELOPMENT ENGINEER.

ROADWAY SECTION - SUBACCESS
5TH AVE SW STA 705+36± TO STA 710+34±
SOUTH OF SW 100TH ST

SCALE: 1" = 5'

RECORD DRAWINGS

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DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____
Scott Smith P.E., Development Engineer

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NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
KMB, TAD
DESIGNED BY
BB, SZ
CHECKED BY
JCG
APPROVED BY
MAV
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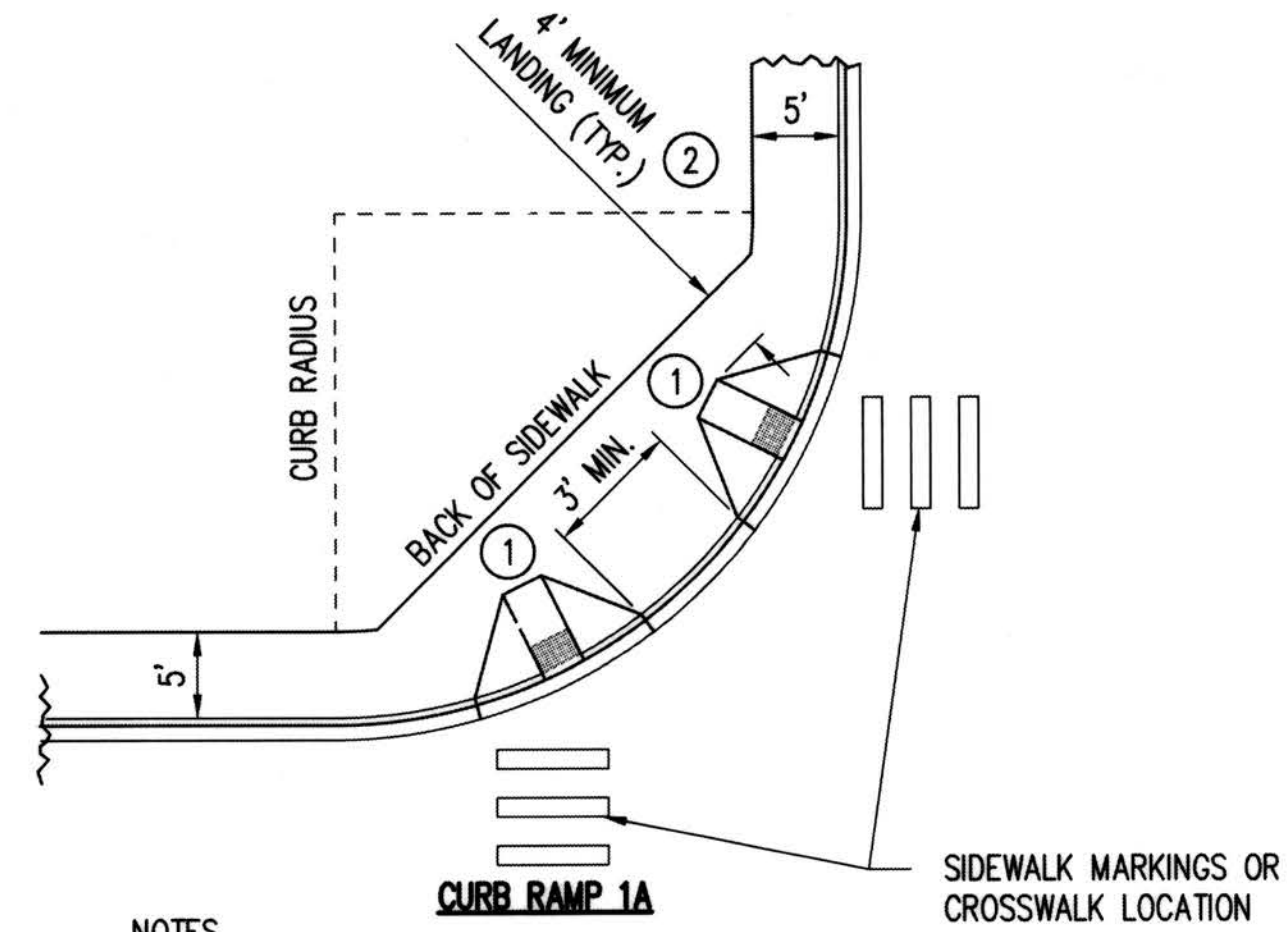
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KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
ROADWAY SECTIONS

SHEET
D-1

PROJECT NO. STRV17-0006
ACTIVITY NO.

PH 4477

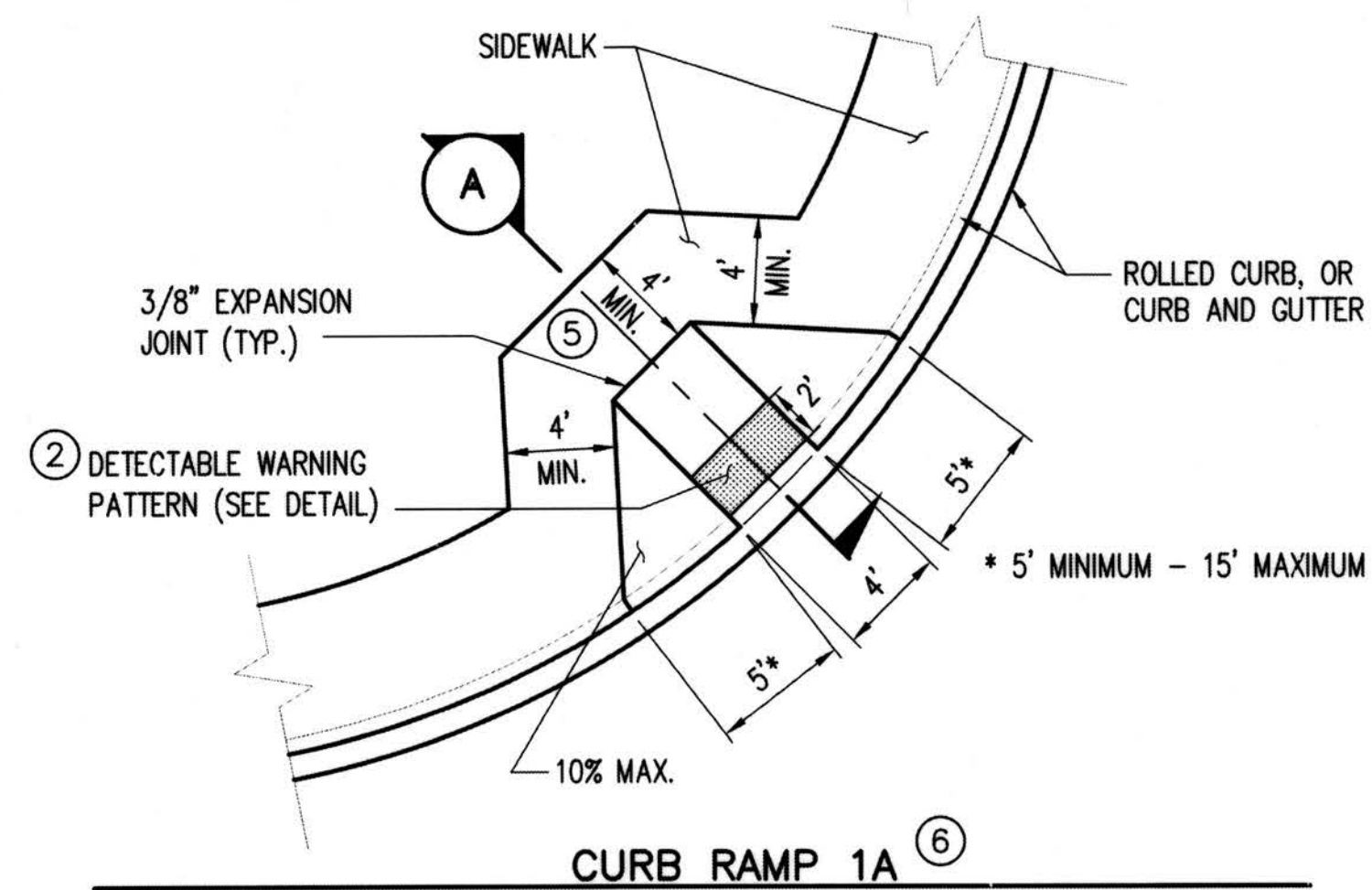
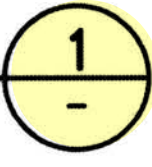


NOTES

- ① RAMP SHALL BE CONTRASTING COLOR OF LIGHT TO DARK OR DARK TO LIGHT AND COLORING MUST BE INTEGRATED PART OF THE RAMP.
- ② LANDING SHALL BE MINIMUM 4' x 4'.

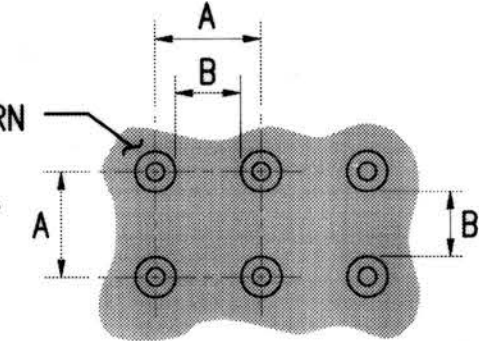
CURB RAMP WITH RADIUS

KCDOT FIG. 3-013 (MODIFIED)
NTS

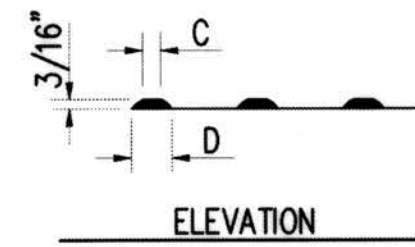


CURB RAMP 1A

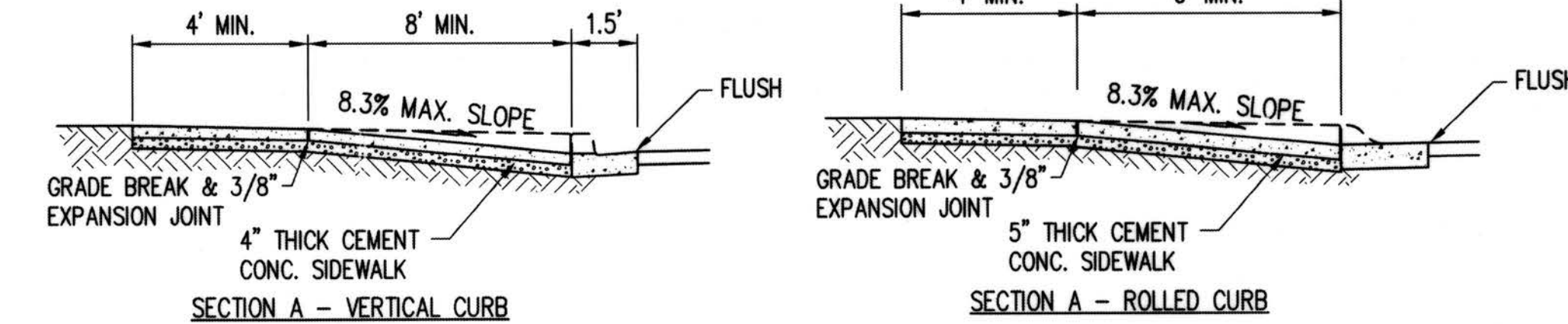
DETECTABLE WARNING PATTERN AREA SHALL BE YELLOW, IN COMPLIANCE WITH STD. SPEC. 8-14.3(3)



	MIN.	MAX.
A	1 5/8"	2 3/8"
B	5/8"	1 1/2"
C	7/16"	3/4"
D	7/8"	1 7/16"

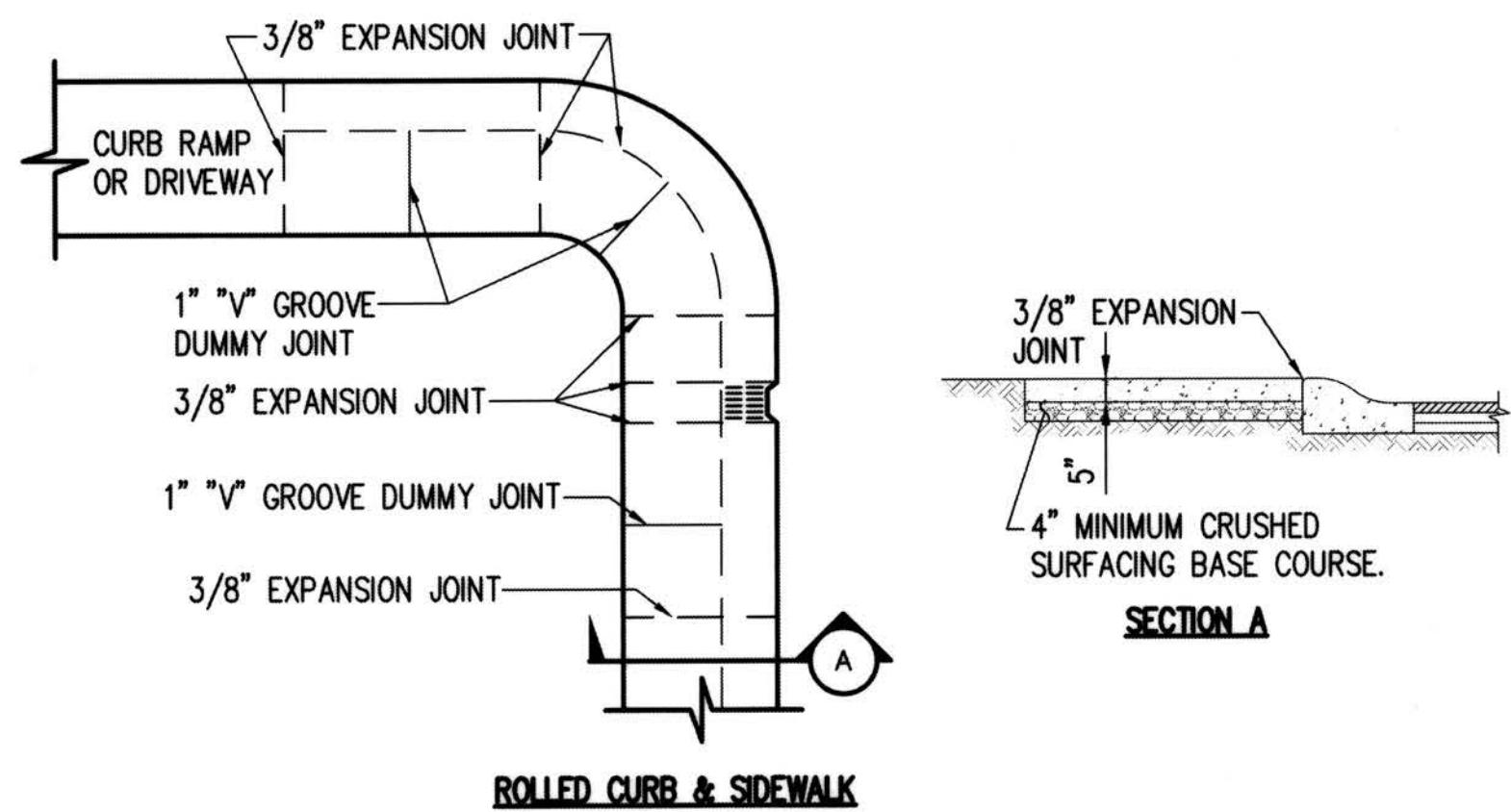


DETECTABLE WARNING PATTERN DETAIL

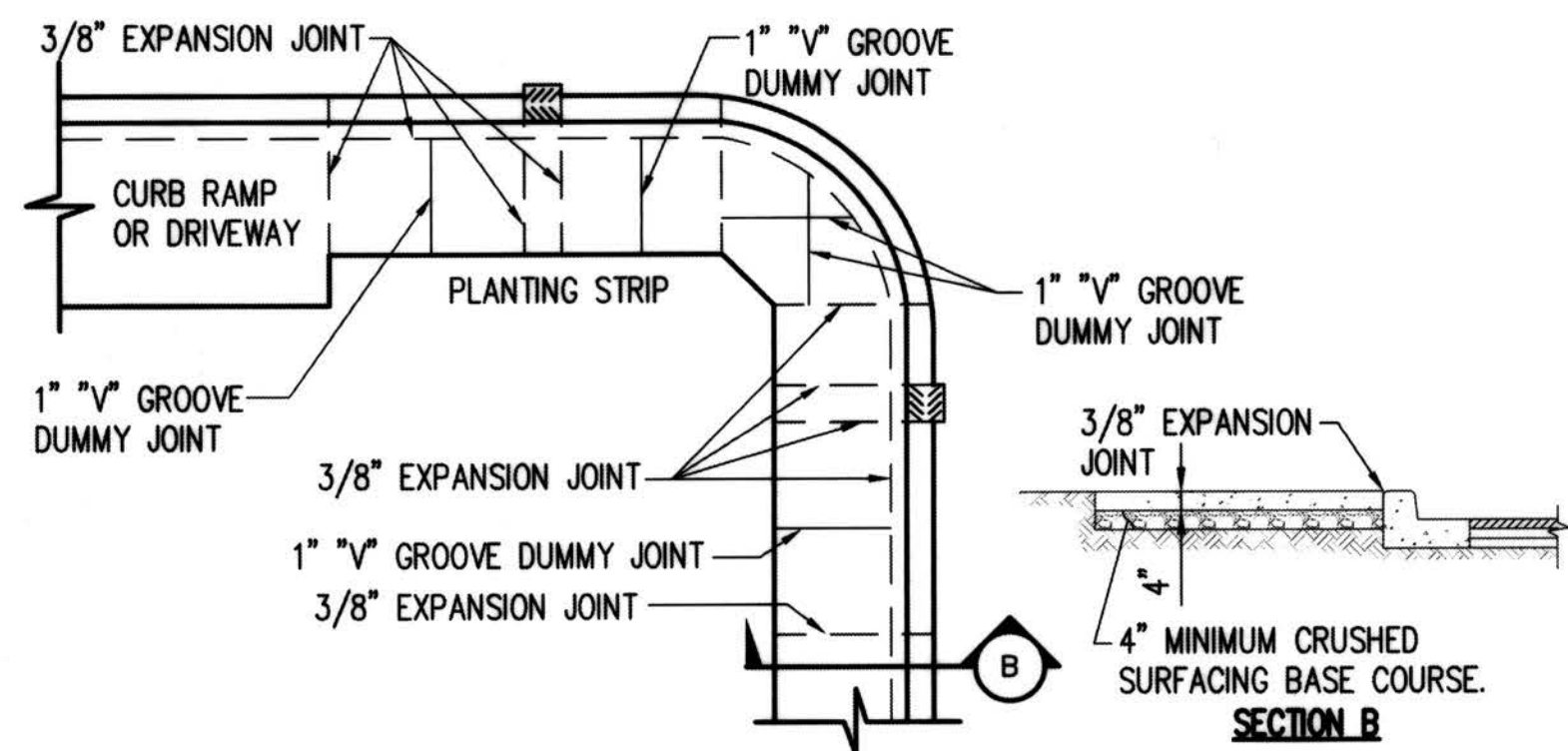


NOTES

- 1. PLACEMENT OF GRATINGS, ACCESS COVERS AND OTHER APPURTENANCES SHALL NOT BE LOCATED ON CURB RAMPS, LANDINGS AND GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.
- ② RAMPS SHALL BE TEXTURED USING TRUNCATED DOME PATTERN (SEE DETAIL THIS PAGE). DETECTABLE WARNING PATTERN SHALL BE YELLOW IN COMPLIANCE WITH WSDOT STANDARD SPECIFICATION 8-14.3(3)
- 3. RAMP CENTER LINE SHALL BE PERPENDICULAR TO OR RADIAL TO CURB RETURNS UNLESS OTHERWISE APPROVED BY THE COUNTY ROAD ENGINEER.
- 4. RAMPS SHALL BE CONSTRUCTED AT CORRESPONDING SIDEWALK LOCATIONS ON OPPOSITE SIDE OF STREETS WHEN RAMPS ARE CONSTRUCTED ON ONE SIDE OF STREET. SEE FIG. 3-010.
- ⑤ LANDING SHALL BE MINIMUM 4 X 4'.
- ⑥ CURB RAMP 1A (FIG. 3-011) MUST BE INSTALLED UNLESS OTHERWISE APPROVED.
- 7. SEE FIGURE 3-001 FOR CURB AND SIDEWALK JOINT PLACEMENT.



SECTION A



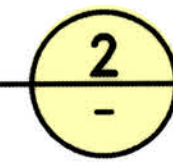
VERTICAL CURB & SIDEWALK

LEGEND

- 1- SEE SEC. 3.04 FOR JOINT REQUIREMENTS.
- 3/8" EXPANSION JOINT ALONG CURB AT MAX. 10' O.C.
- 1" "V" GROOVE DUMMY JOINT AT MAX. 5' O.C.

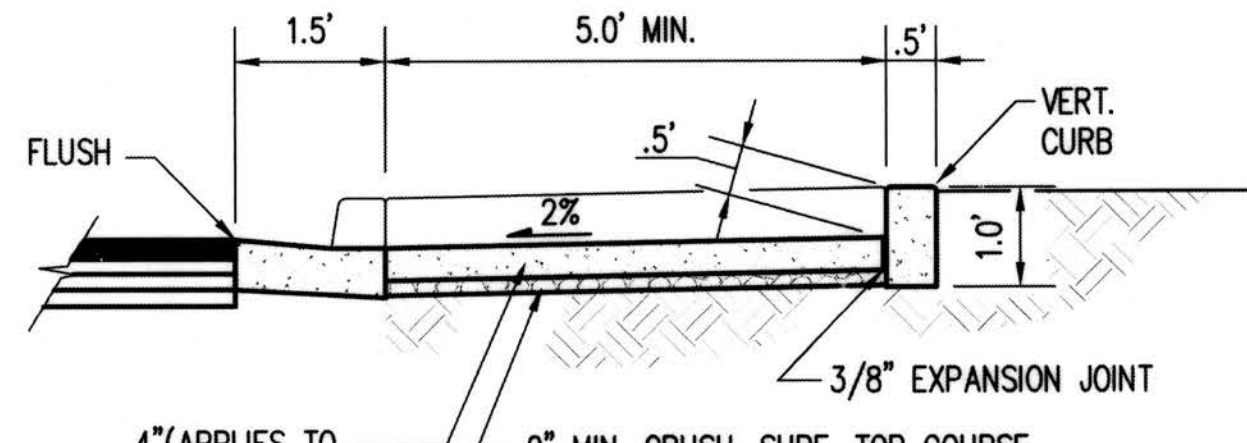
CURB & SIDEWALK JOINTS

KCDOT FIG. 3-001 (MODIFIED)
NTS

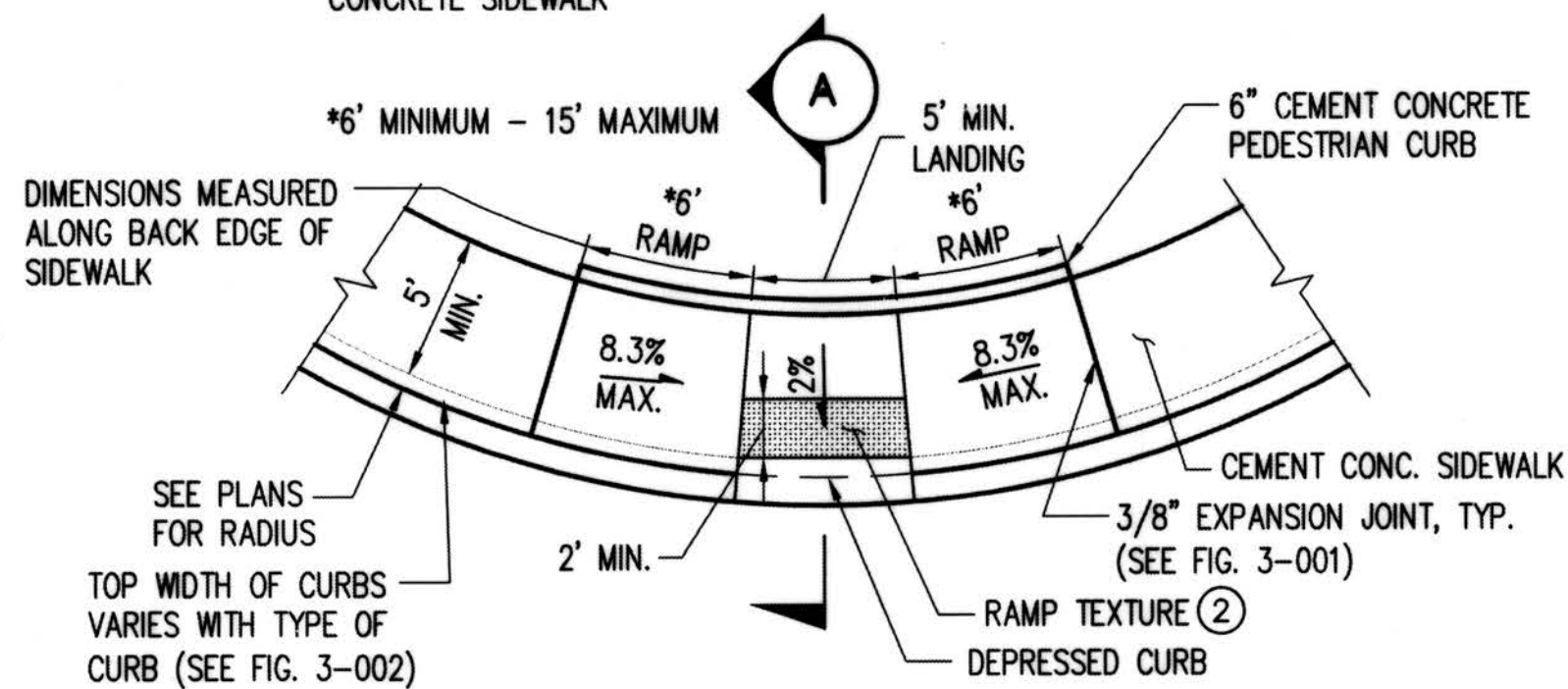


NOTES:

- 1. PLACEMENT OF GRATINGS, ACCESS COVERS AND OTHER APPURTENANCES SHALL NOT BE LOCATED ON CURB RAMPS, LANDINGS AND GUTTERS WITHIN THE PEDESTRIAN ACCESS ROUTE.
- ② RAMPS SHALL BE TEXTURED USING TRUNCATED DOME PATTERN (SEE FIGURE 3-011). DETECTABLE WARNING PATTERN SHALL BE YELLOW IN COMPLIANCE WITH WSDOT STANDARD SPECIFICATION 8-14.3(3)
- 3. RAMP CENTER LINE SHALL BE PERPENDICULAR TO OR RADIAL TO CURB RETURNS UNLESS OTHERWISE APPROVED BY THE COUNTY ROAD ENGINEER.
- 4. RAMPS SHALL BE CONSTRUCTED AT CORRESPONDING SIDEWALK LOCATIONS ON OPPOSITE SIDE OF STREETS WHEN RAMPS ARE CONSTRUCTED ON ONE SIDE OF STREET. SEE FIG. 3-010.
- 5. THIS DETAIL APPLIES TO BOTH ROLLED AND VERTICAL CURB ROADWAYS.
- 6. SEE FIGURE 3-001 FOR CURB AND SIDEWALK JOINT PLACEMENT.

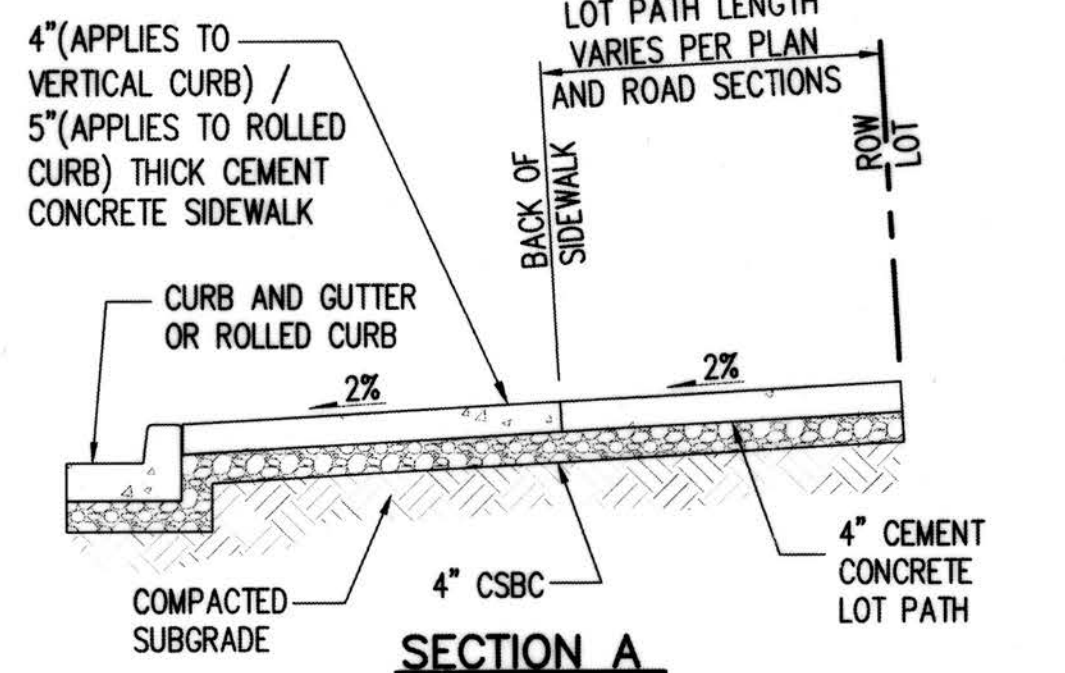
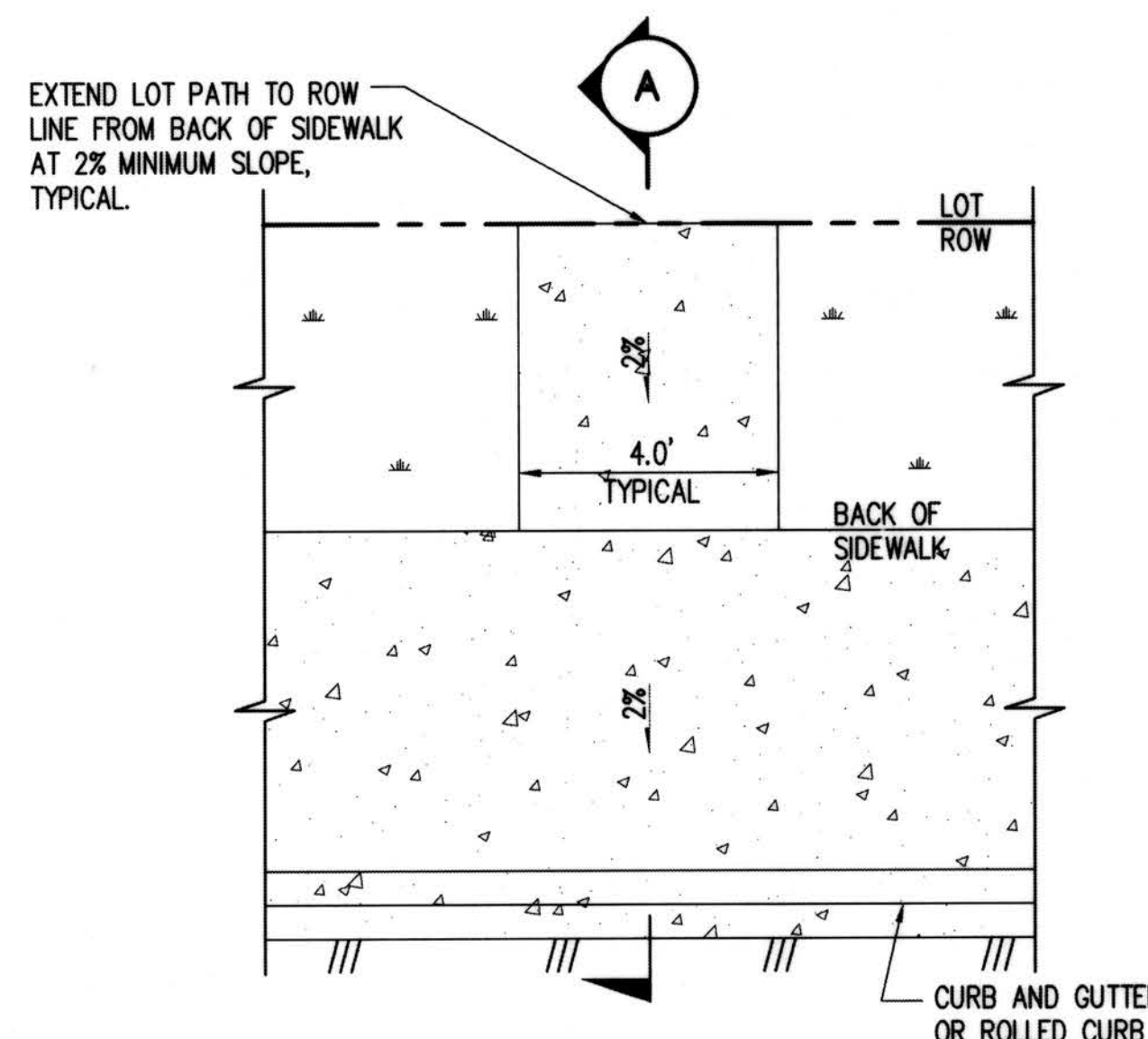
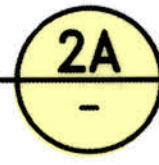


SECTION A



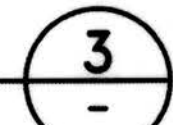
CURB RAMP ALTERNATE 2A

KCDOT FIG. 3-015 (MODIFIED)
NTS



LOT PATH DETAIL

NTS



RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewer: _____ Date: _____

Scott Smith P.E.
Development Engineer

P# 4477

Z:\1600001-1600999 (Greenbridge) (CAD) Design\02-Design Development\Grading & Drainage\26-09 RD DT.dwg
Jul 16, 2019 - 3:13pm
KevinB

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
J O B No.: 1600206	



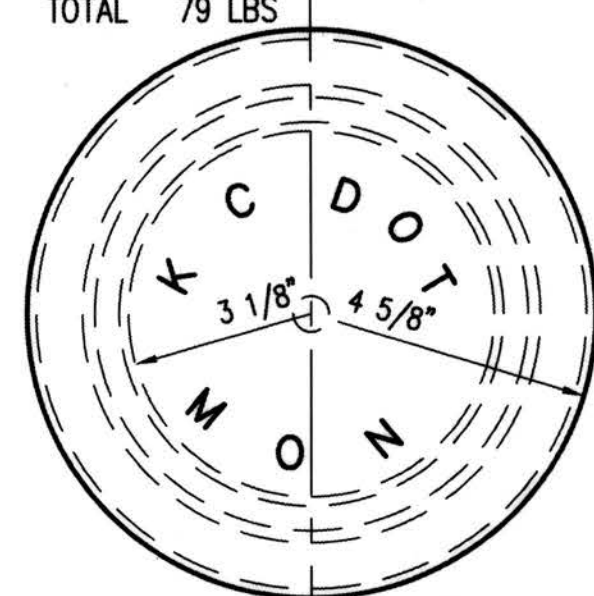
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
ROADWAY DETAILS

PROJECT NO. STRV17-0006
ACTIVITY NO.

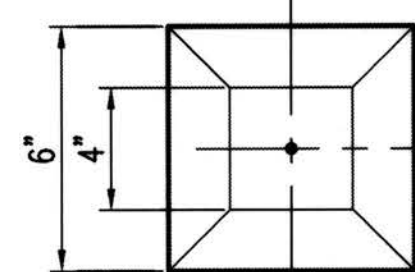
SHEET
D-2

NOTES

- CASTINGS SHALL BE GRAY IRON ASTM A48, AASHTO M 105, CLASS 30.
- COVER AND SEAT SHALL BE MACHINED FOR PERFECT CONTACT AROUND CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.
- APPROXIMATE WEIGHTS, STANDARD.
CASE 60 LBS
COVER 19 LBS
TOTAL 79 LBS
- PAVEMENT SHALL BE HOT MIX ASPHALT OR APPROVED SUBSTITUTE.
- CONCRETE SHALL BE CLASS 4000.



PLAN OF COVER

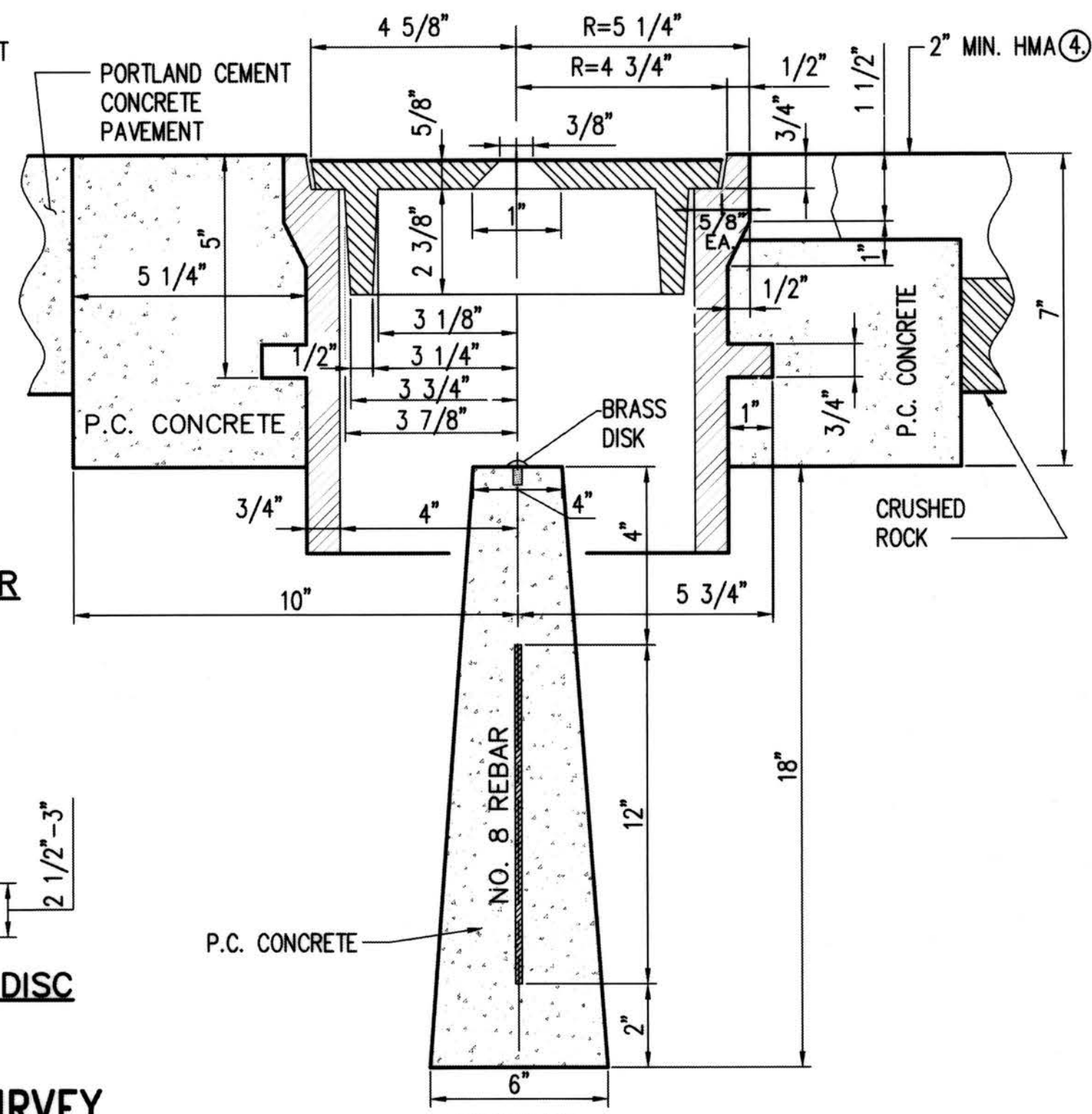


PLAN OF MONUMENT

ROADWAY SURVEY MONUMENT IN CASE & COVER

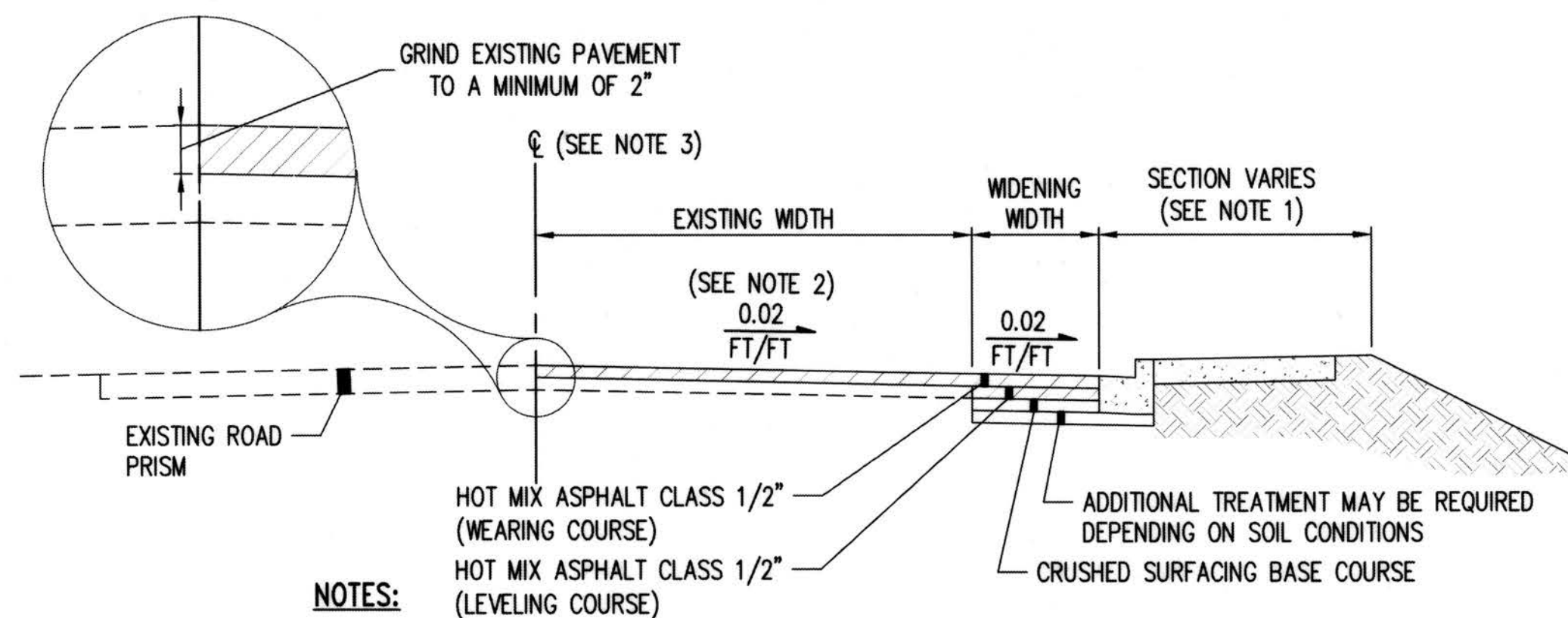
KING COUNTY STD DWG NO. 5-019
NTS

1



SECTION

SEC. 6, T.23 N., R.4E., W.M.



NOTES:

- PRELEVELING AND GRINDING MAY BE NECESSARY TO MEET CROSS SLOPE.
- NON-CONFORMING CENTERLINE AND CROWN PROFILE MAY REQUIRE THE OVERLAY OF THE ENTIRE ROADWAY.
- ENGINEERED PAVEMENT DESIGN REQUIRED FOR ARTERIAL ROADWAYS.

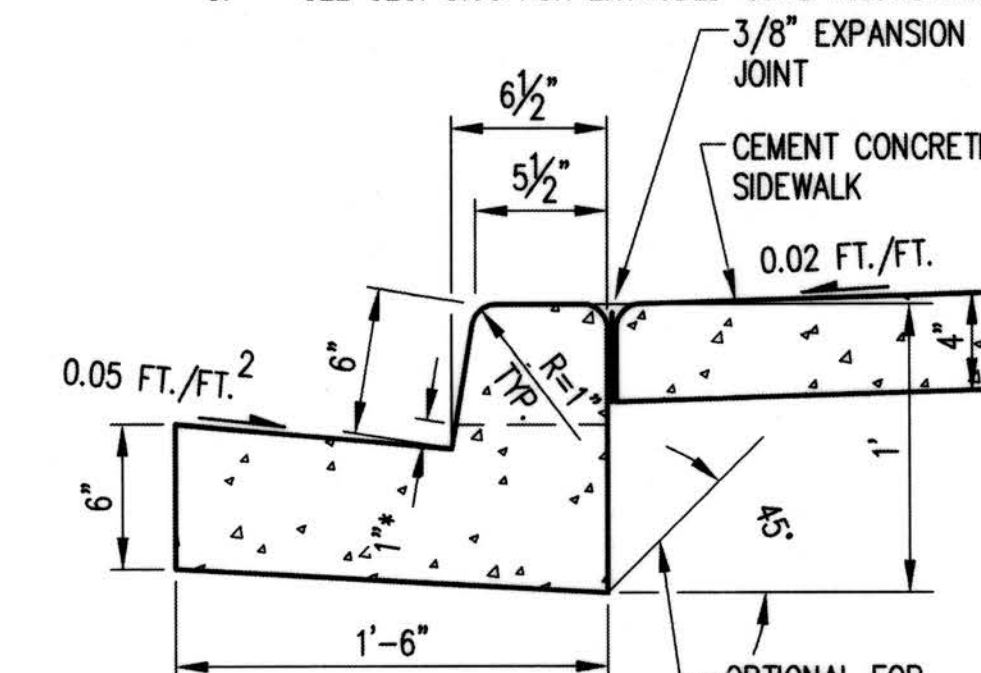
WIDENING AND OVERLAY

KING COUNTY STD DWG NO. 2-015
NTS

2

NOTES

- SEE SEC. 3.04 K.C.R.S. FOR JOINT REQUIREMENTS.
- ROLL GUTTER TO MATCH POSITIVE SUPERELEVATION SLOPE.
- SEE FIG. NO. 2-005 FOR CONFIGURATION OF FILL AND WALKWAY BEHIND CURB IF REQUIRED.
- 1 IN. EDGED GROOVE MAY REPLACE 3/8 IN. EXPANSION JOINT AT INTERFACE BETWEEN CURB AND ADJACENT SIDEWALK FOR SEPARATE POUR CONSTRUCTION.
- SEE SEC. 3.03 FOR EXTRUDED CURB ANCHORAGE.



CEMENT CONCRETE CURB & GUTTER

KING COUNTY STD DWG NO. 3-002 (MODIFIED)
NTS

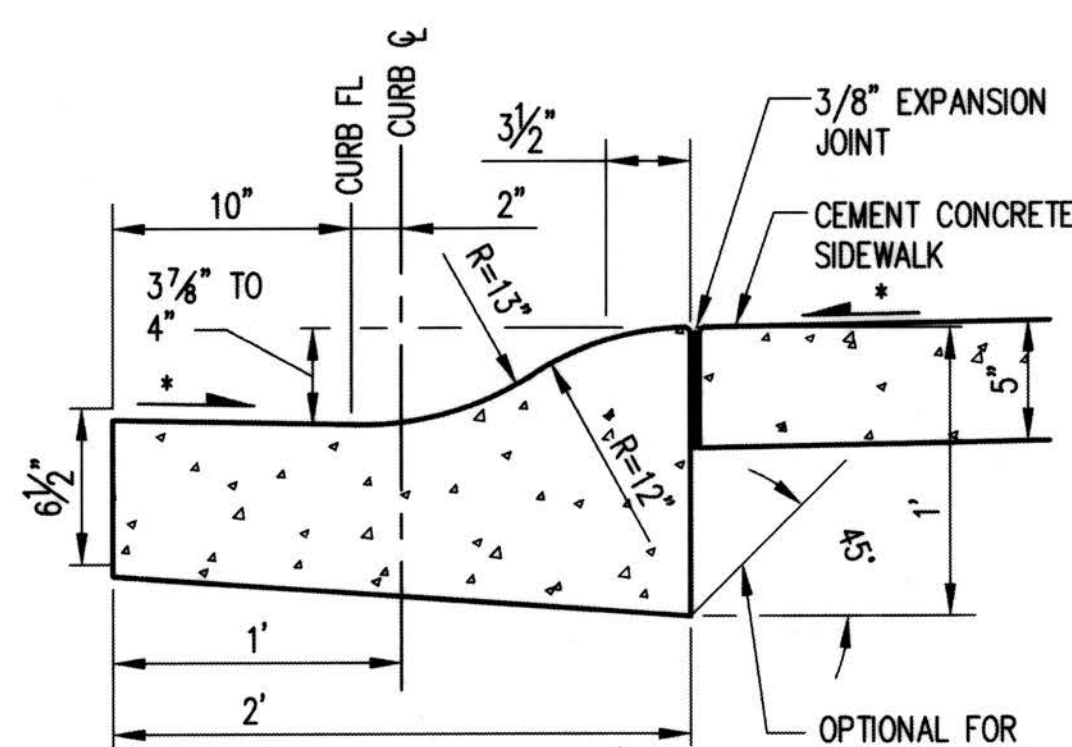
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RECORD DRAWINGS

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NOTES

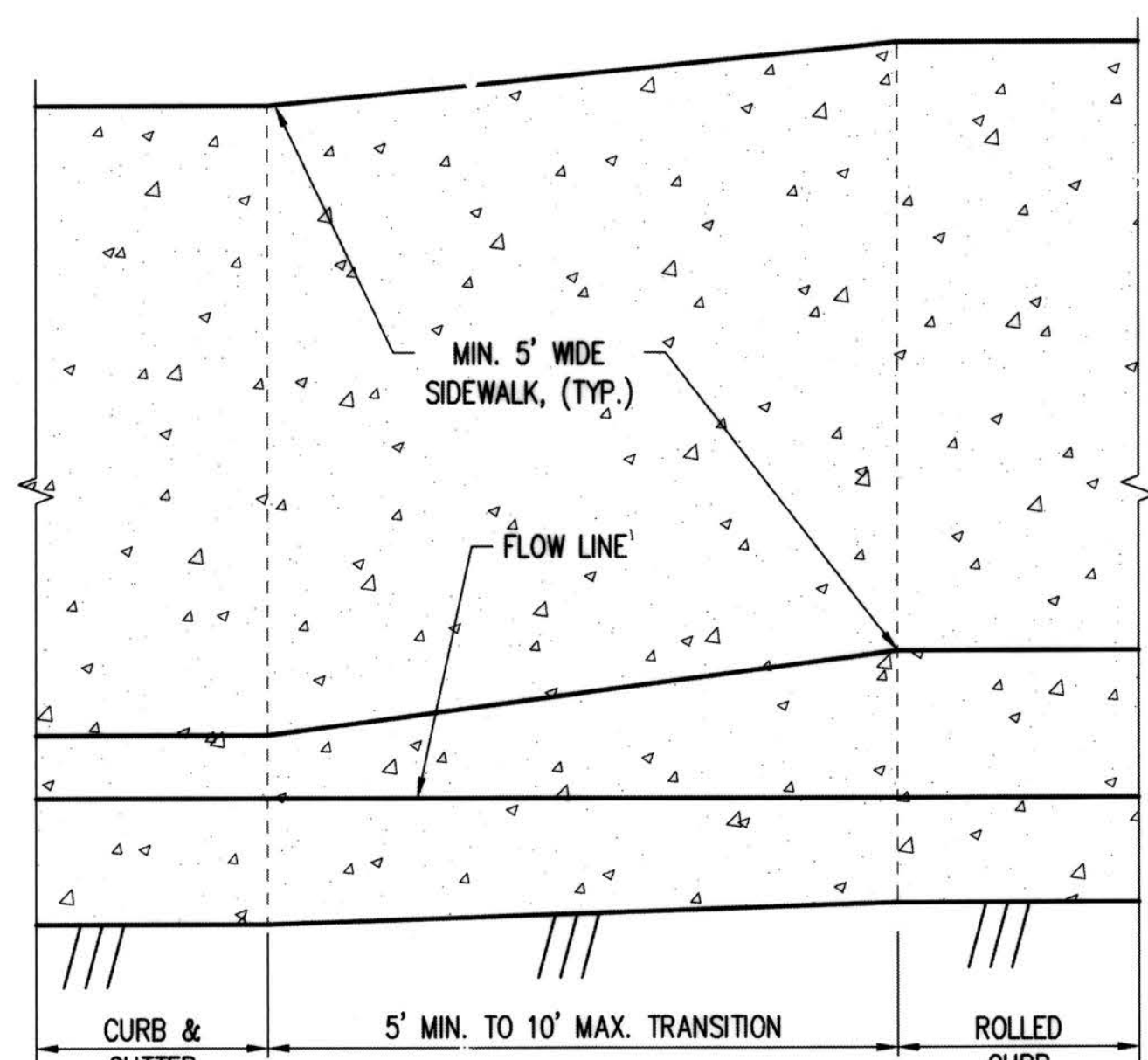
- SEE SEC. 3.04 K.C.R.S. FOR JOINT REQUIREMENTS.
- ROLL AND VERTICAL GUTTER TO MATCH POSITIVE SUPERELEVATION SLOPE.
- SEE FIG. NO. 2-005 FOR CONFIGURATION OF FILL AND WALKWAY BEHIND CURB IF REQUIRED.
- 1 IN. EDGED GROOVE MAY REPLACE 3/8 IN. EXPANSION JOINT AT INTERFACE BETWEEN CURB AND ADJACENT SIDEWALK FOR SEPARATE POUR CONSTRUCTION.
- SEE SEC. 3.03 FOR EXTRUDED CURB ANCHORAGE.



CEMENT CONCRETE ROLLED CURB

KING COUNTY STD DWG NO. 3-002 (MODIFIED)
NTS

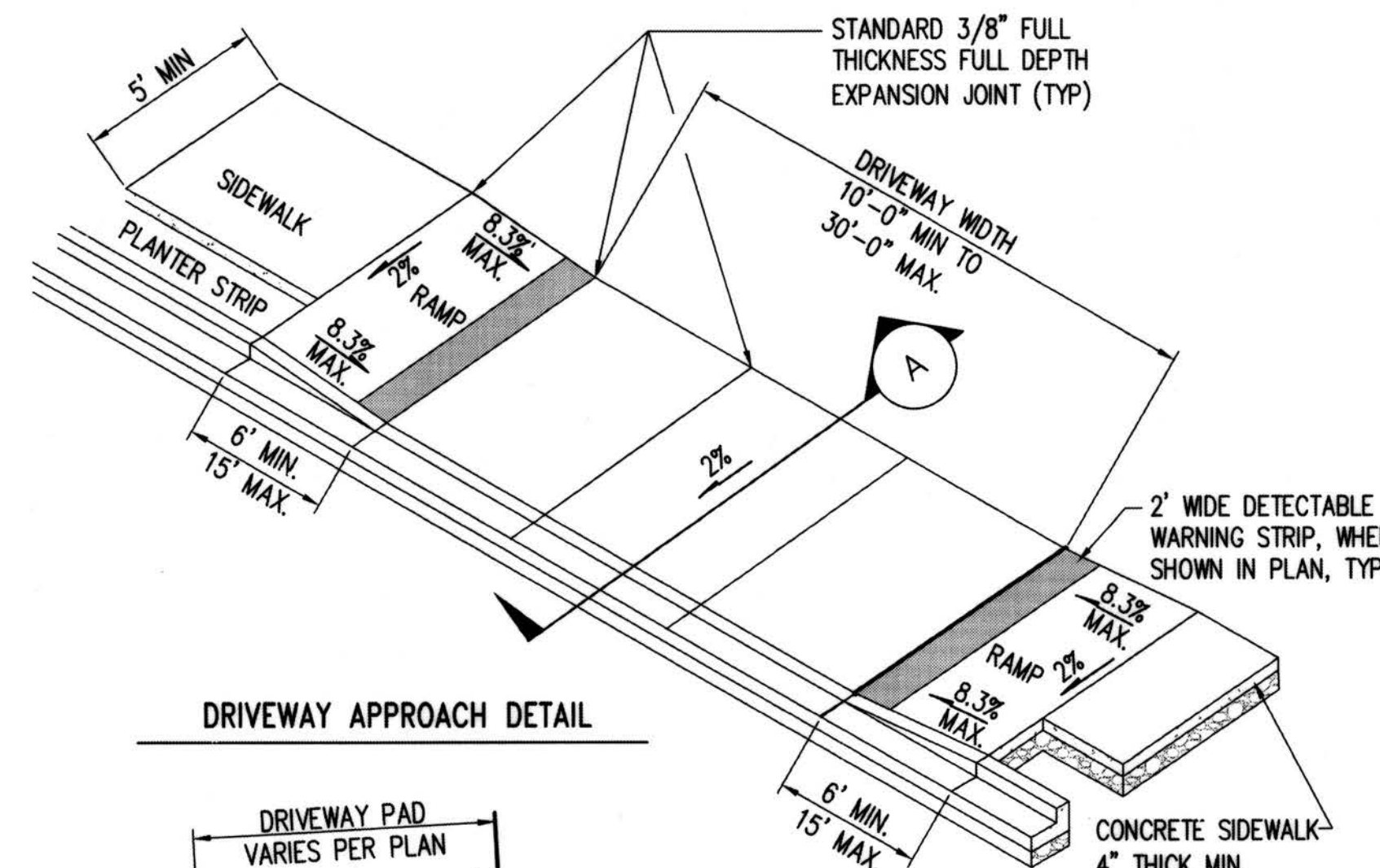
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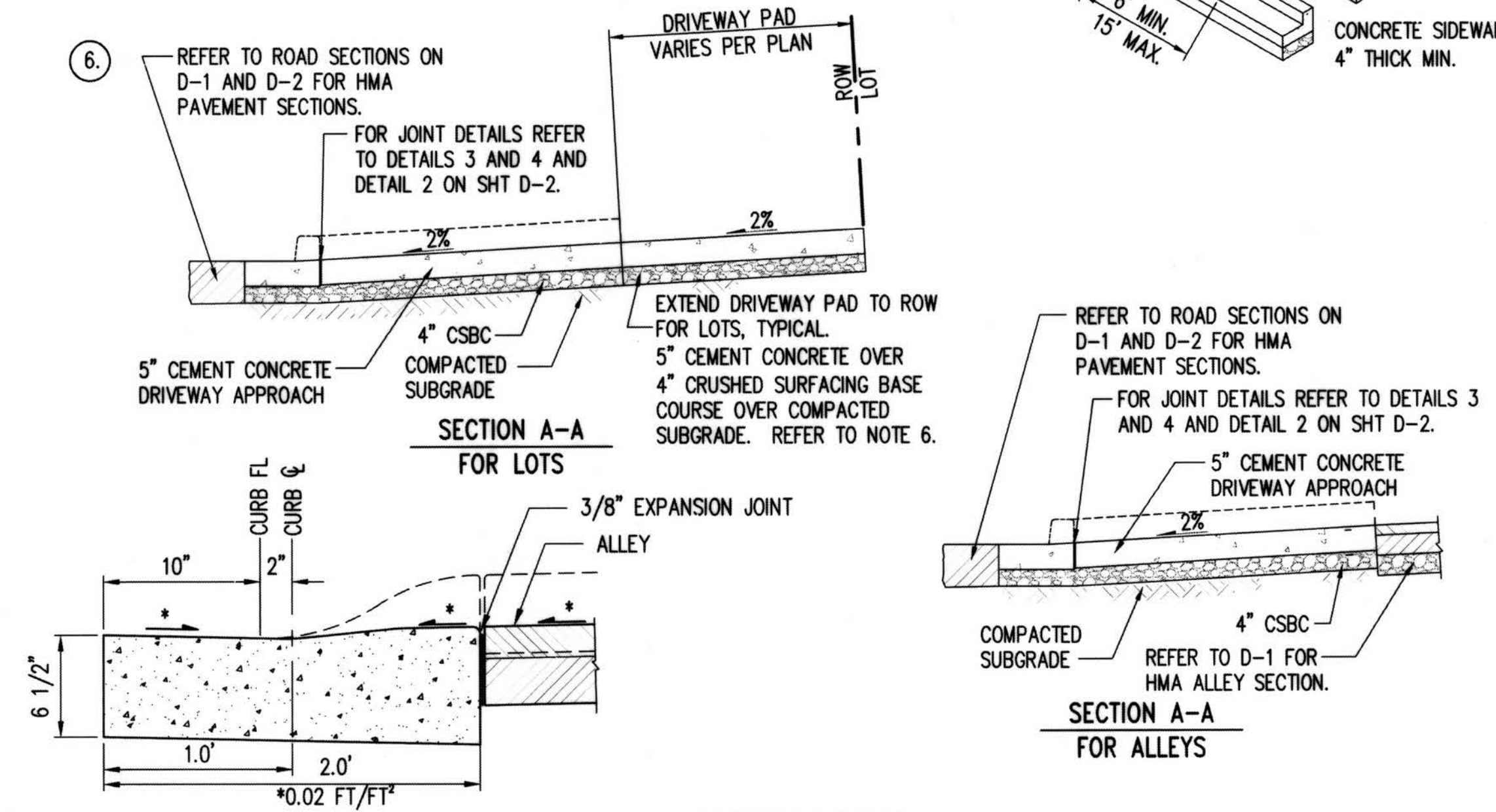
TYPICAL CURB & GUTTER TO ROLLED CURB TRANSITION

NTS

5



DRIVEWAY APPROACH DETAIL



RESIDENTIAL DRIVEWAY APPROACH

KING COUNTY STD DWG NO. 3-004 (MODIFIED)
NTS

6

NOTES

- ALL JOINTS SHALL BE CLEANED AND EDGED.
- SEE SECTION 4.01 FOR SURFACING REQUIREMENTS
- CONCRETE PAVEMENT SHALL BE BRUSHED TRANSVERSELY WITH A FIBER OR WIRE BRUSH OF A TYPE APPROVED BY THE ENGINEER.
- 3/8" THRU EXPANSION JOINTS SHALL BE PLACED AT BACK, SIDES AND FRONT. MAXIMUM EXPANSION JOINT SPACING IS 14' CENTER TO CENTER.
- SEE SECTION 3.01 FOR ADDITIONAL DRIVEWAY REQUIREMENTS.
- DRIVEWAY PADS FOR THE CEMENT CONCRETE DRIVEWAY APPROACHES FRONTING SW 102ND ST AND THE WEST SIDE OF 5TH AVE SW (BETWEEN SW 100TH ST AND SW 102ND ST) SHALL BE CONSTRUCTED WITH A MINIMUM OF 5" THICK CRUSHED SURFACING TOP COURSE OVER COMPACTED SUBGRADE BLENDED FROM THE BACK OF THE CEMENT CONCRETE DRIVEWAY APPROACH TO THE RIGHT OF WAY'S EXISTING GRADE.

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION

Final Corrected Plans

Reviewed: _____ Date: _____
Scott Smith P.E. Development Engineer

Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\Grading & Drainage\26-GB-RO-D1.dwg
KewB
Jul 16, 2019 - 3:13pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JULY 18, 2019	
JOB No.: 1600206	



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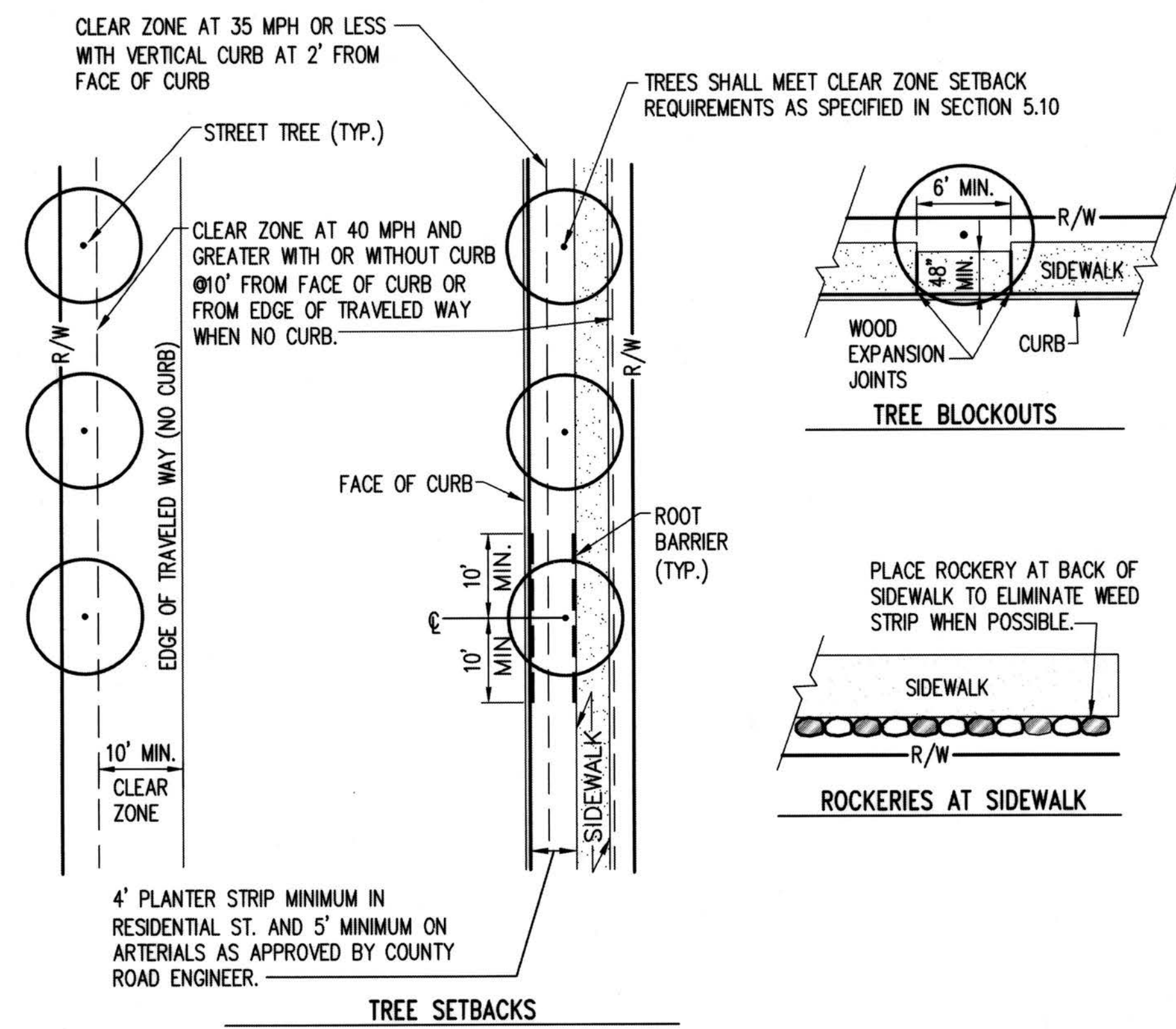
SCALE:
AS NOTED

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
ROADWAY DETAILS

SHEET

D-3

PROJECT NO. STRV7-0006
ACTIVITY NO.

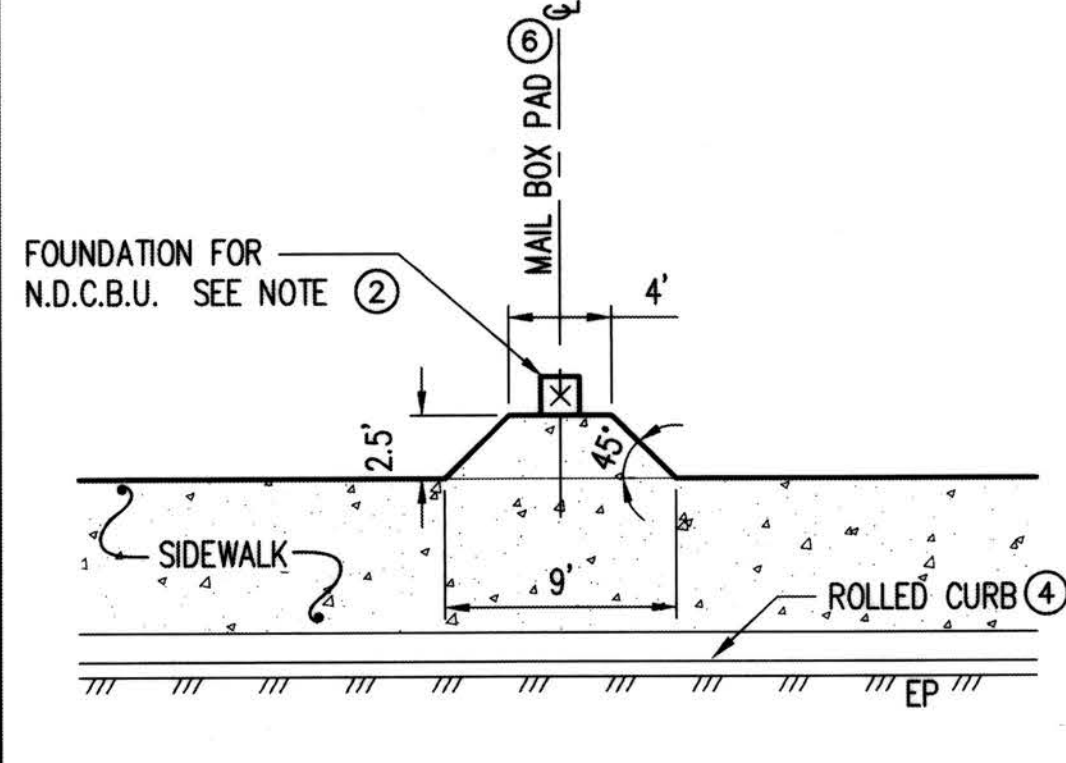


TREE SETBACKS

- NOTES:**
1. ROOTBARRIERS REQUIRED FOR ALL TREES IN PLANTER STRIP (UNLESS WAIVED BY K.C.D.O.T.)
 2. REFER TO FIG. NO. 5-009 FOR SPECIFIC SETBACKS.

TREE BLOCKOUTS

KCDOT FIG. 5-010
NTS



MAIL BOX PAD DETAIL
NTS

NOTES:

1. REFER TO KCRDCS SEC. 5.04
2. INSTALLATION OF N.D.C.B.U., BASE AND ANCHOR BOLTS SHALL BE BY THE CONTRACTOR.
3. REFER TO KCRDCS SEC. 3.04 FOR JOINT REQUIREMENTS.
4. WHEN A N.D.C.B.U. IS INSTALLED ALONG A ROLLED CURB SECTION, IT SHALL COMPLY WITH KCRDCS SECTION 5.10 AND MAIL BOX PAD DETAIL.
5. MAIL BOX PAD: 5" PC CONCRETE CLASS 4000 OVER 4" CRUSHED SURFACING BASE COURSE OVER COMPACTED SUBGRADE 95% DENSITY ASTM D 1557.
6. STATION LABELS ON SHEETS HC-5 THROUGH HC-8 ARE TO THE MAILBOX FOUNDATION CENTERLINE.

MAILBOX INSTALLATION - NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNIT

KCDOT FIG. 5-017 (MODIFIED)
NTS

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DATE JULY 18, 2019	
NO. DATE BY CHD. APPR. REVISION	
03/18/22 SJZ JCG JF FINAL CORRECTED PLANS - PHASE 1	
J O B No. : 1600206	

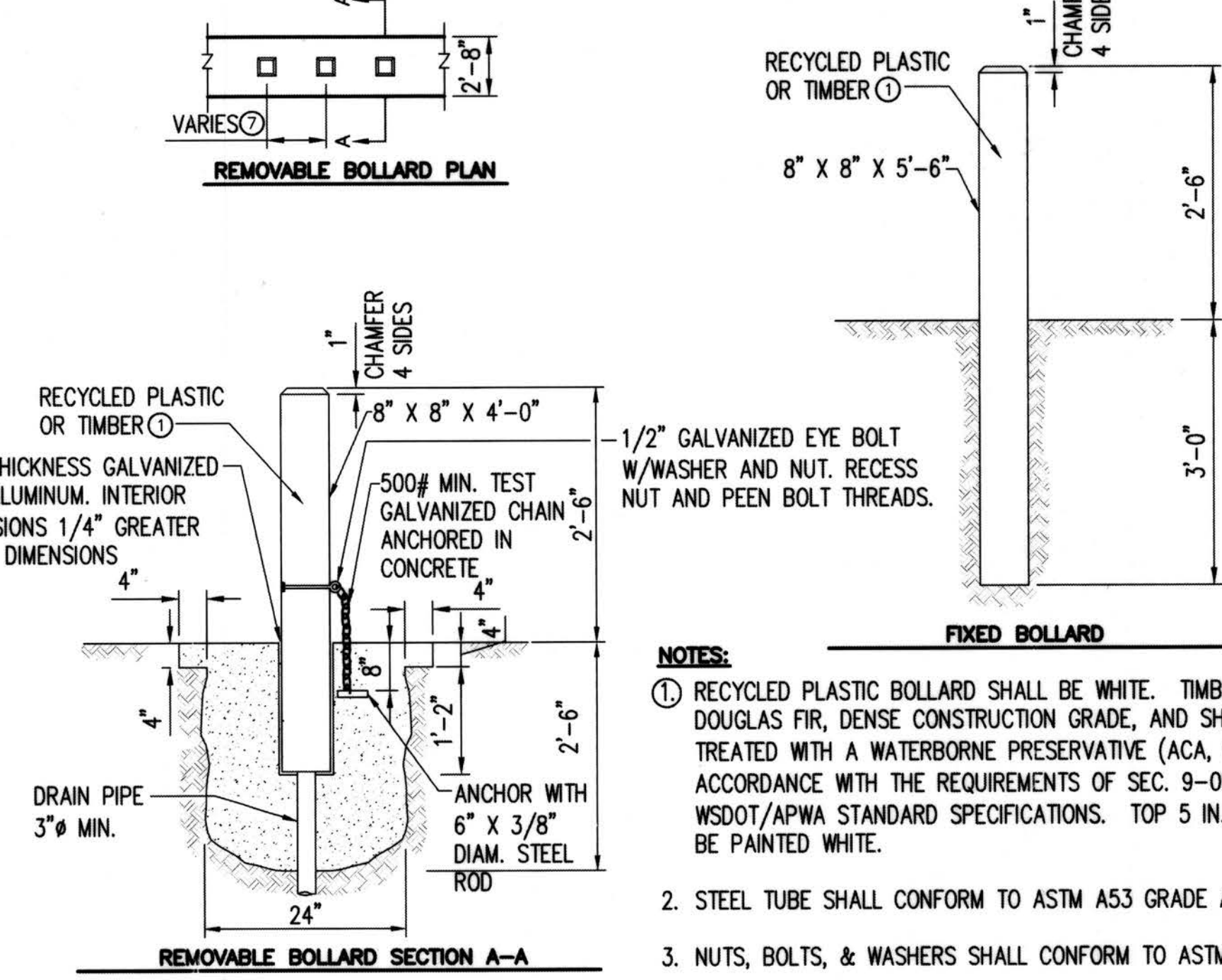


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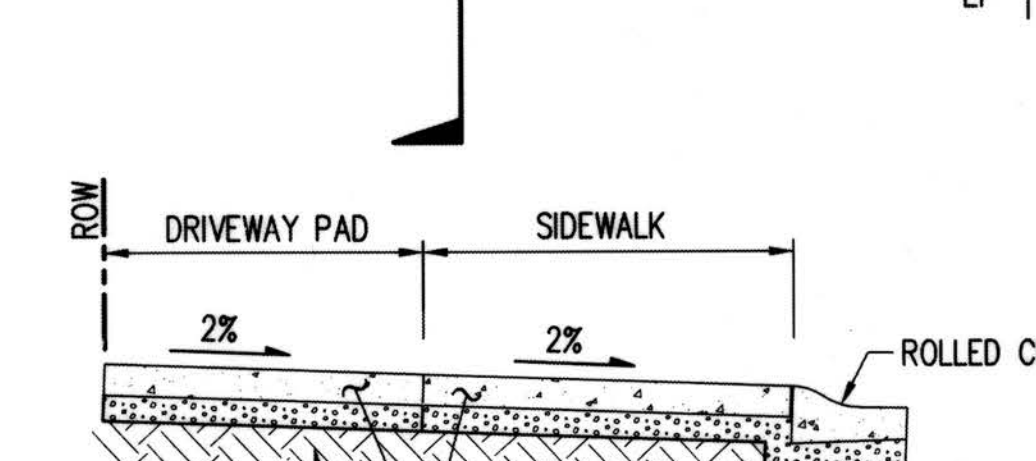
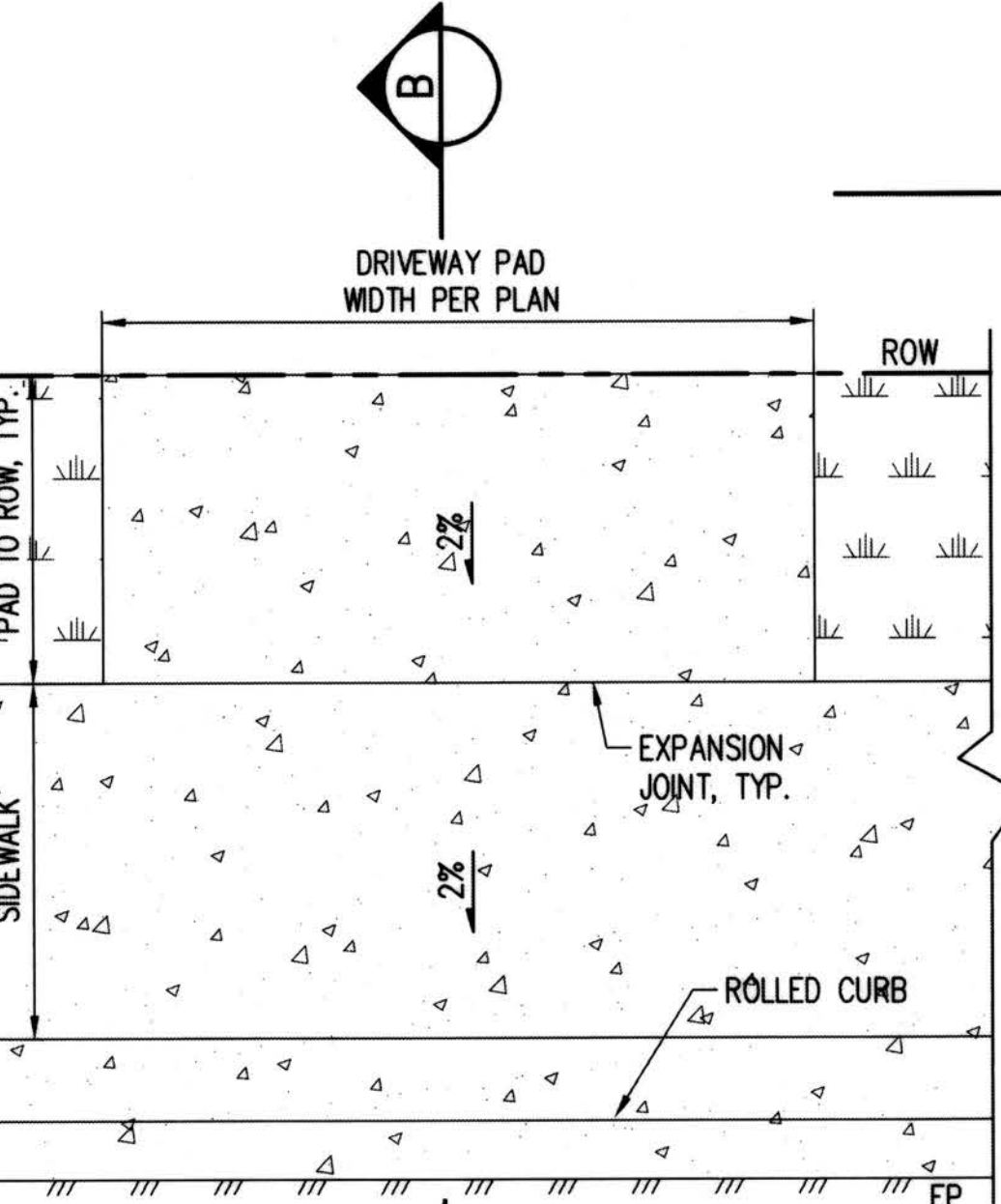


REMOVABLE BOLLARD SECTION A-A

NOTES:

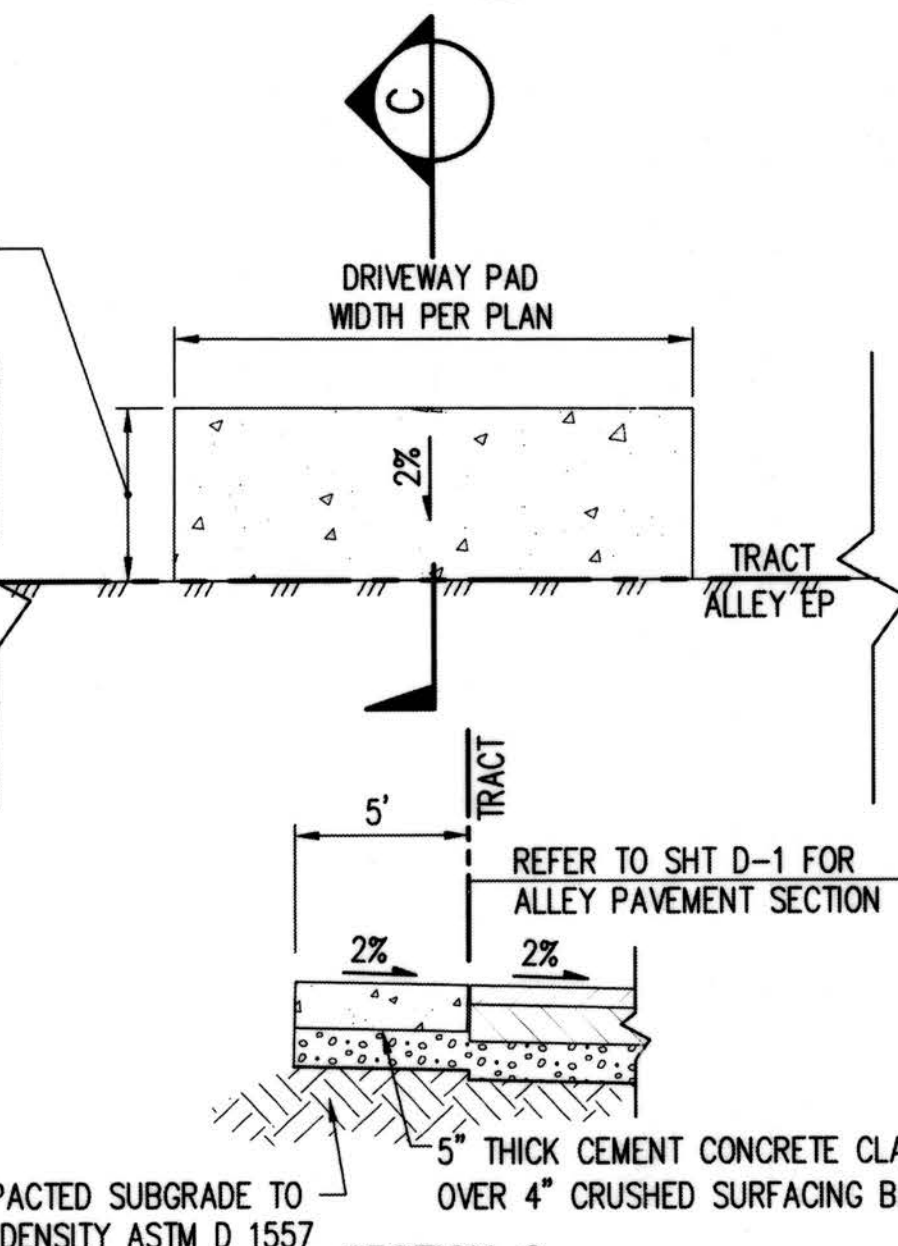
1. RECYCLED PLASTIC BOLLARD SHALL BE WHITE. TIMBER SHALL BE DOUGLAS FIR, DENSE CONSTRUCTION GRADE, AND SHALL BE PRESSURE TREATED WITH A WATERBORNE PRESERVATIVE (ACA, CCA, ACZA) IN ACCORDANCE WITH THE REQUIREMENTS OF SEC. 9-09.3(1) OF THE WSDOT/APWA STANDARD SPECIFICATIONS. TOP 5 IN. OF TIMBER SHALL BE PAINTED WHITE.
2. STEEL TUBE SHALL CONFORM TO ASTM A53 GRADE A.
3. NUTS, BOLTS, & WASHERS SHALL CONFORM TO ASTM A307.
4. ALL STEEL PARTS SHALL BE GALVANIZED.
5. CONCRETE SHALL BE CLASS 4000.
6. SEE SEC. 5.08.
7. MIN. 50 IN. SPACING ON TRAILS LESS THAN 10 FT. WIDE. 60 IN. SPACING ON TRAILS 10 FT. OR WIDER.

NOT USED
NTS



BOLLARDS

KCDOT FIG. 5-018
NTS



SECTION C
DRIVEWAY PAD AT ALLEY PAVEMENT EDGE
NTS

DRIVEWAY PAD BEHIND SIDEWALK WITH ROLLED CURB

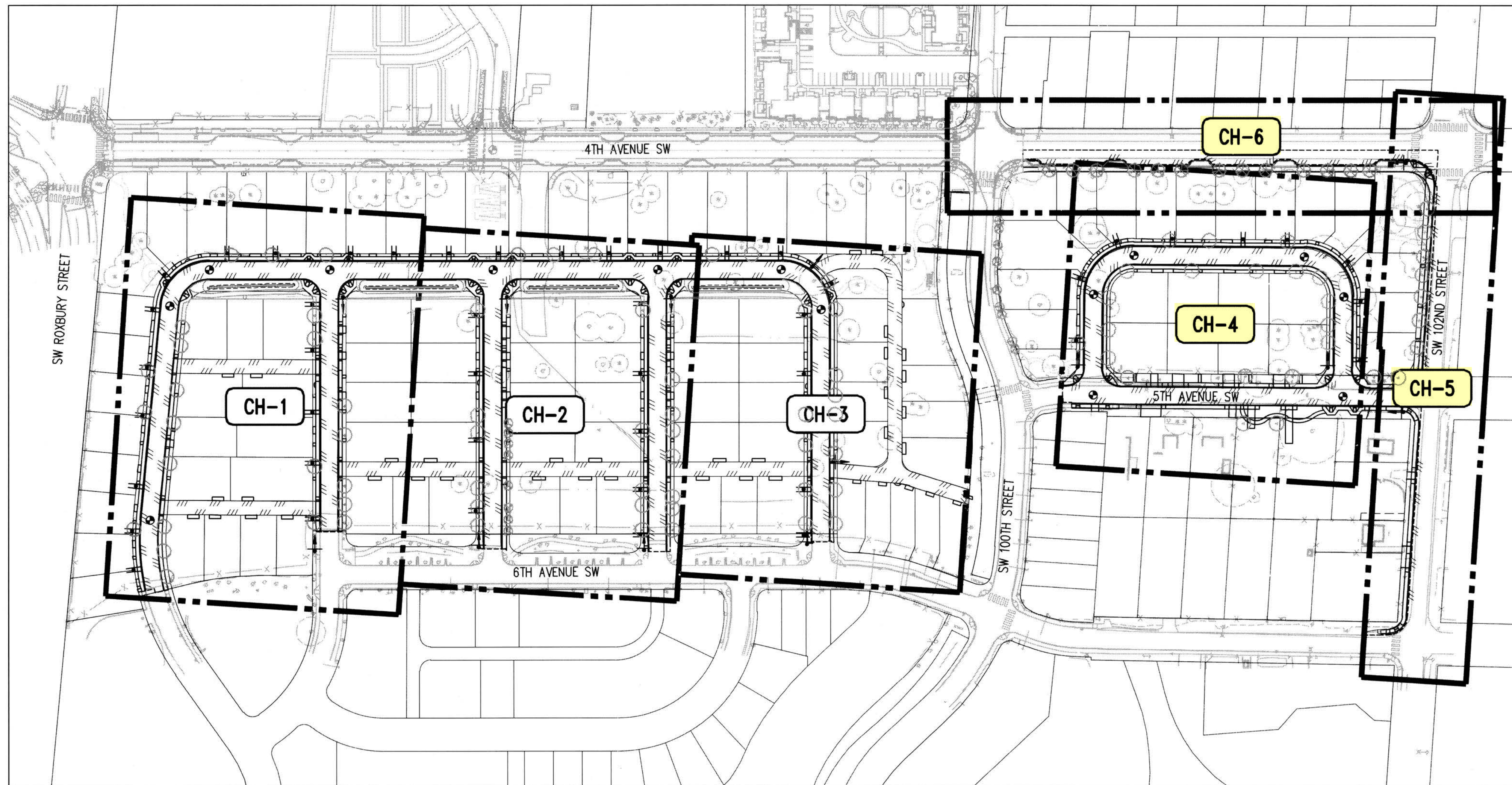
NTS

RECORD DRAWINGS
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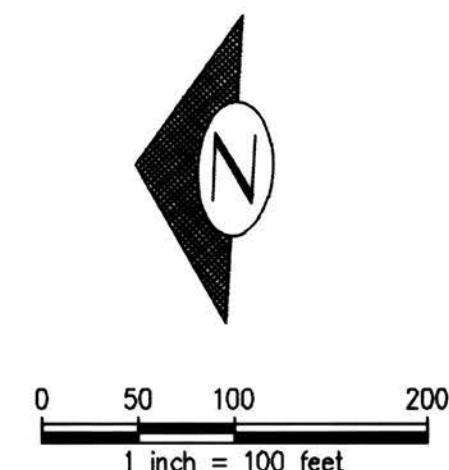
DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans
Reviewer _____ Date _____
Scott Smith P.E., Development Engineer

Jul 16, 2019 - 3:13pm
 KevinB
 Z:\1600001-1600999\1600206 (Greenbridge)\CADD\Design\02-Design Development\Grading & Drainage\26-08 RD 07.dwg

PROJECT NO. STRV7-0006
ACTIVITY NO.



ACTIVITY NO. PROJECT NO. STRV17-0006



NOTE:
SIGNAGE AND STRIPING SHOWN ON THESE PLANS ARE APPROXIMATE. KING COUNTY SHALL DETERMINE SIGN TYPE AND LOCATION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING (206-263-6110) AT LEAST TEN (10) WORKING DAYS PRIOR TO STRIPING TO COORDINATE CHANNELIZATION LAYOUT AND SIGN INSTALLATION.

**Final Corrected Plans
For Reference Only**

CONTRACTOR IS ALERTED TO THE FACT THAT WORK WILL BE ACCOMPLISHED AROUND ACTIVE PSE GAS AND ENERGIZED SEATTLE CITY LIGHT (SCL) FACILITIES THAT ARE SERVING EXISTING CUSTOMERS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO DETERMINE WHICH FACILITIES ARE ACTIVE AND ENERGIZED AND SHALL IMPLEMENT SAFETY PROCEDURES PER PSE AND SCL REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH PSE AND SCL TO ENSURE THAT FACILITIES ARE IN PLACE TO MAINTAIN SERVICE TO CUSTOMERS THROUGHOUT CONSTRUCTION.

RECORD DRAWINGS
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DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88

P# 4477

Jun 25, 2019 - 12:36pm (revised) Z:\1600001-1600206 (Greenbridge) (CAD) (Design) (2-Design Development) (Grading & Drainage) 17-06 CH-00-17.rvt

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD	DESIGNED BY BB, SZ
CHECKED BY JCG	APPROVED BY MAV
DATE JUNE 25, 2019	
JOB No. : 1600206	

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King County
Housing
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KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

SURFACE IMPROVEMENTS AND CHANNELIZATION NOTES

SHEET
CH-0



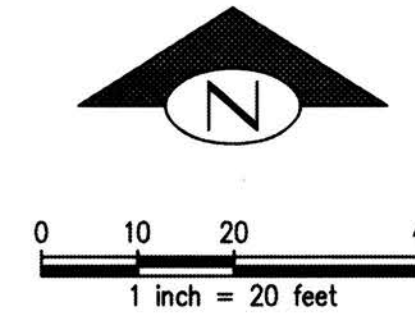
KEY MAP
NTS

LEGEND

- CEMENT CONCRETE
- EDGE OF PAVEMENT
- CURB
- SAWCUT LINE
- "STOP" SIGN
- FIRE LANE SIGN
- FIRE HYDRANT
- RIGHT OF WAY
- CENTERLINE

DATUM
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE
COORDINATES NORTH ZONE PER KING
COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88



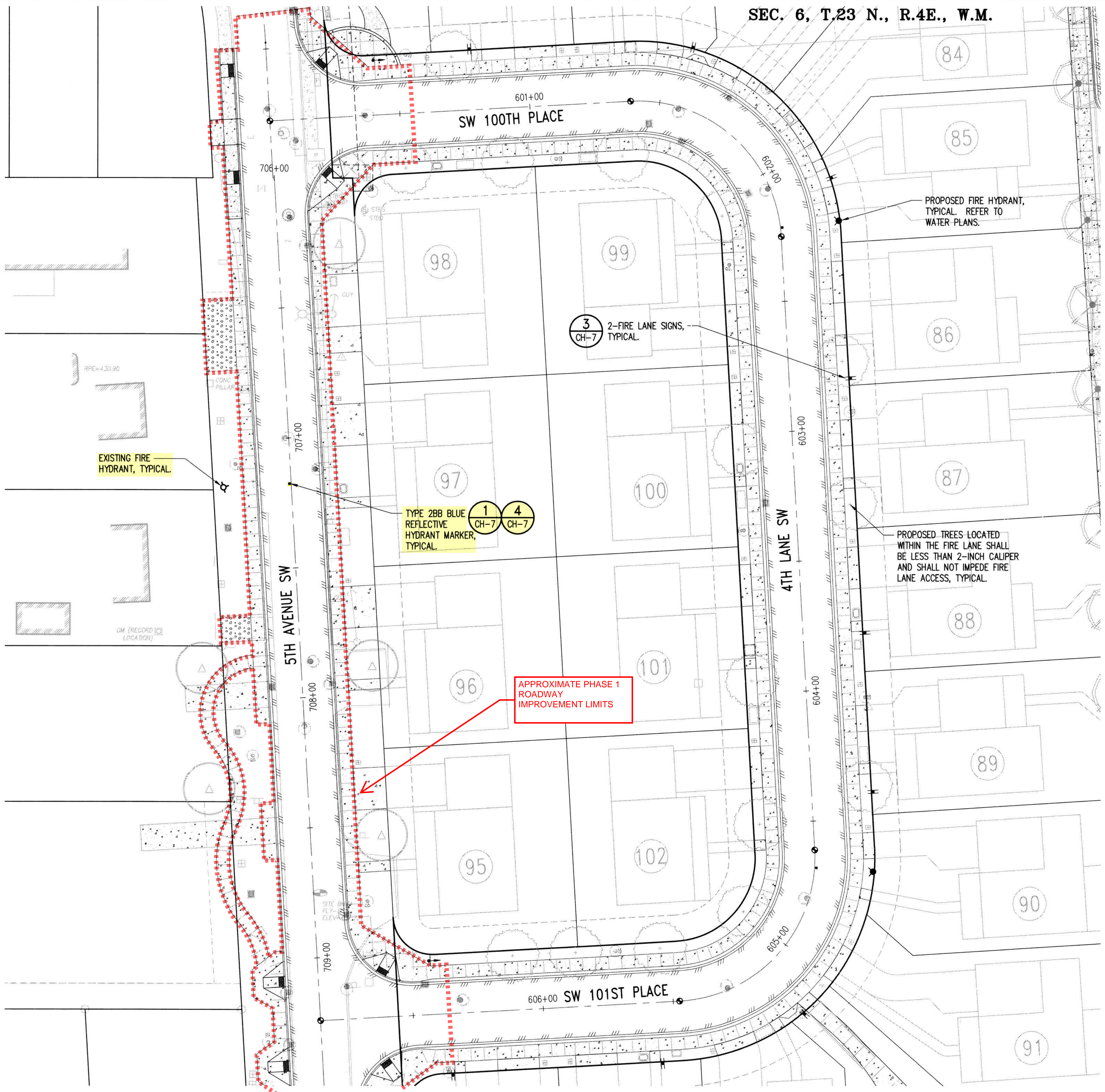
NOTE:
SIGNAGE AND STRIPING SHOWN ON THESE PLANS ARE APPROXIMATE. KING COUNTY SHALL DETERMINE SIGN TYPE AND LOCATION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING (206-263-6110) AT LEAST TEN (10) WORKING DAYS PRIOR TO STRIPING TO COORDINATE CHANNELIZATION LAYOUT AND SIGN INSTALLATION.

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**Final Corrected Plans
For Reference Only**

P# 4477



Z:\1600001-1600999\1600206 (Greenbridge)\CAD\Design\02-Design Development\Crafting & Details\27-08 CH-4 SW 98TH PL.dwg Jun 25, 2019 - 12:37pm kered

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

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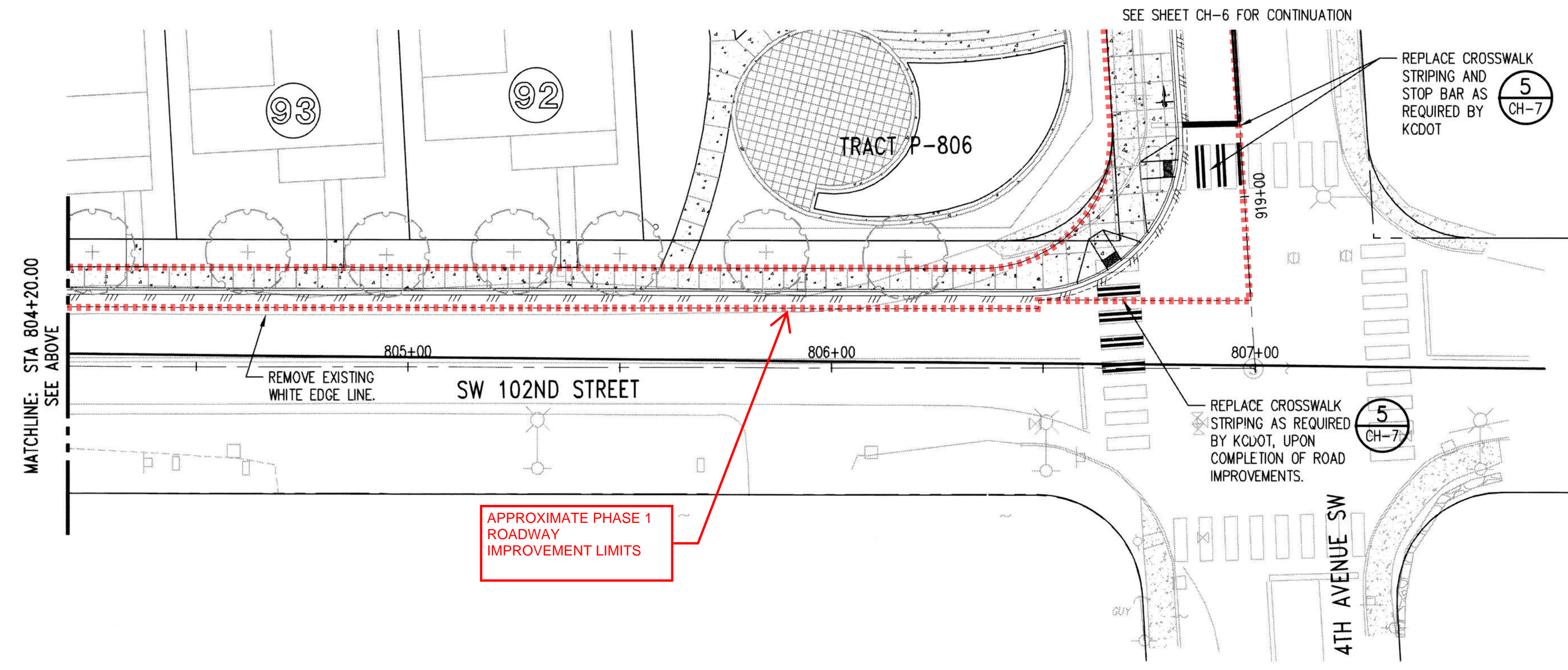
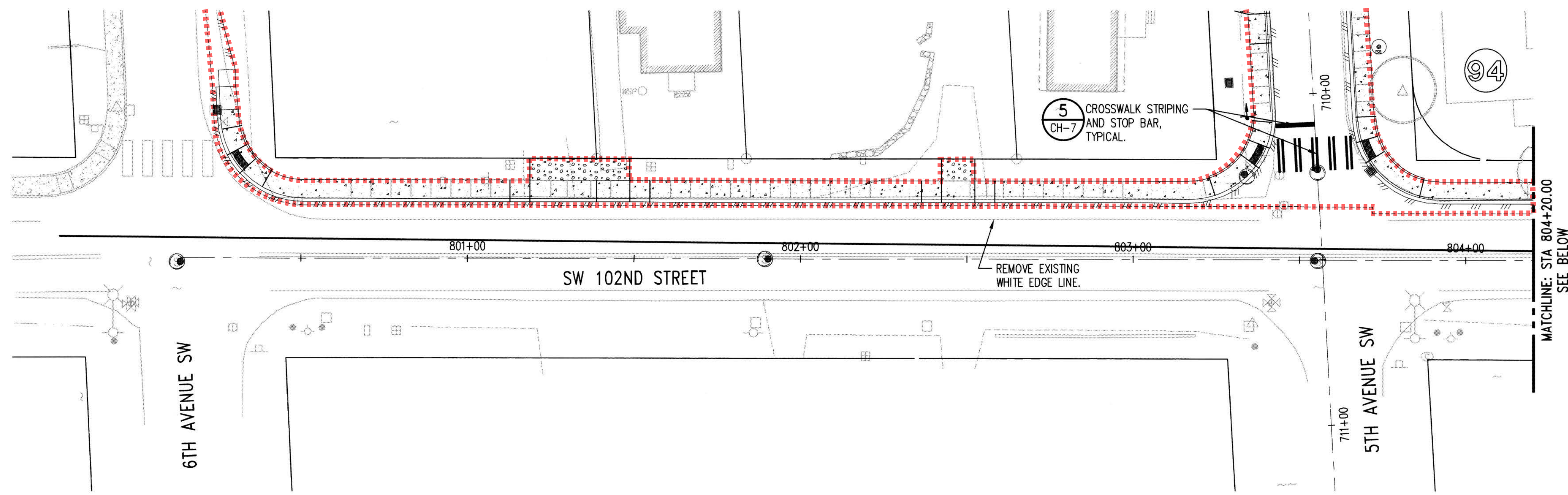
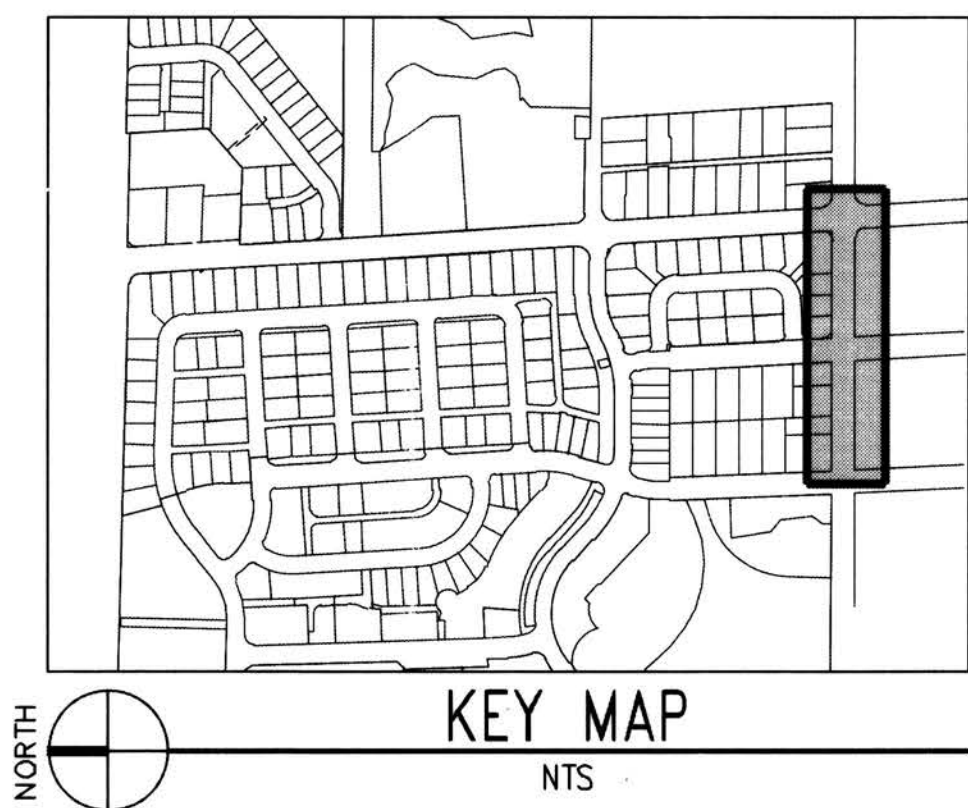
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8
SW 100TH PLACE, 4TH LANE SW, SW 101ST PLACE
SURFACE IMPROVEMENTS AND CHANNELIZATION PLAN

SHEET
CH-4

PROJECT NO. STRV17-0006
ACTIVITY NO.

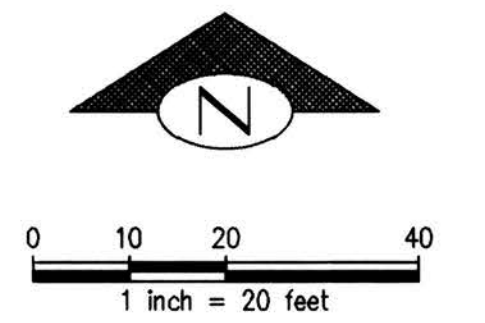
SEC. 6, T.23 N., R.4E., W.M.



- LEGEND**
- CEMENT CONCRETE
 - EDGE OF PAVEMENT
 - CURB
 - SAWCUT LINE
 - "STOP" SIGN
 - FIRE LANE SIGN
 - FIRE HYDRANT
 - RIGHT OF WAY
 - CENTERLINE

DATUM
 HORIZONTAL DATUM:
 NAD 83/91 WASHINGTON STATE PLANE
 COORDINATES NORTH ZONE PER KING
 COUNTY GPS CONTROL.

VERTICAL DATUM:
 NAVD 88



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**Final Corrected Plans
 For Reference Only**

P# 4477

Jun 25, 2019 - 12:37pm (revised) 21:1600001 - 1600206 (Greenbridge) [CAD] [Design] [02-Design Development] [Crosby & Drainage] [28-08] CH-5 SW 102nd Street

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY KMB, TAD
 CHECKED BY JCG
 DESIGNED BY BB, SZ
 APPROVED BY MAV
 DATE: JUNE 25, 2019
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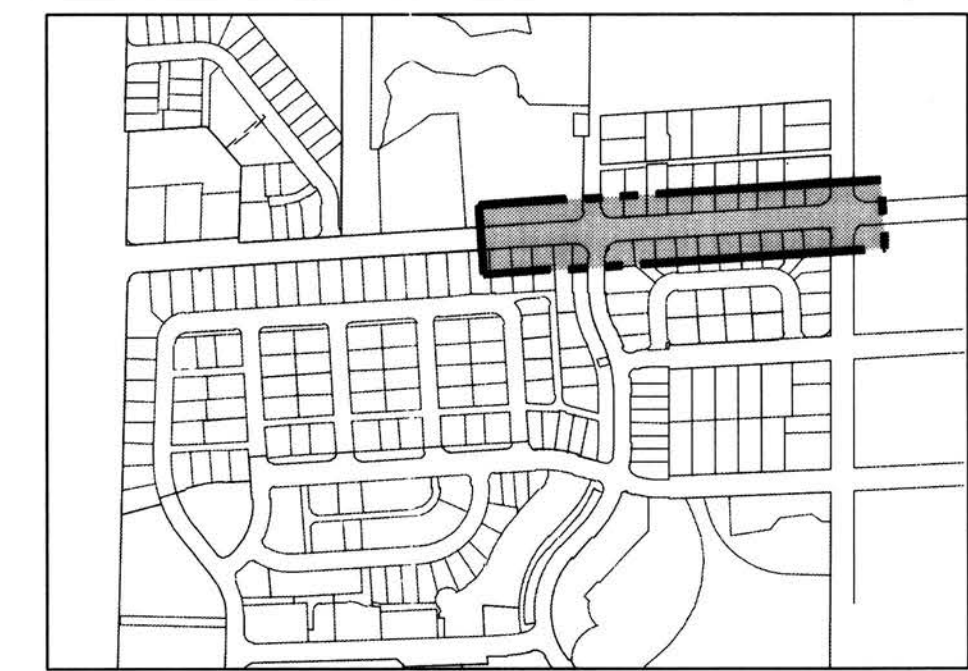
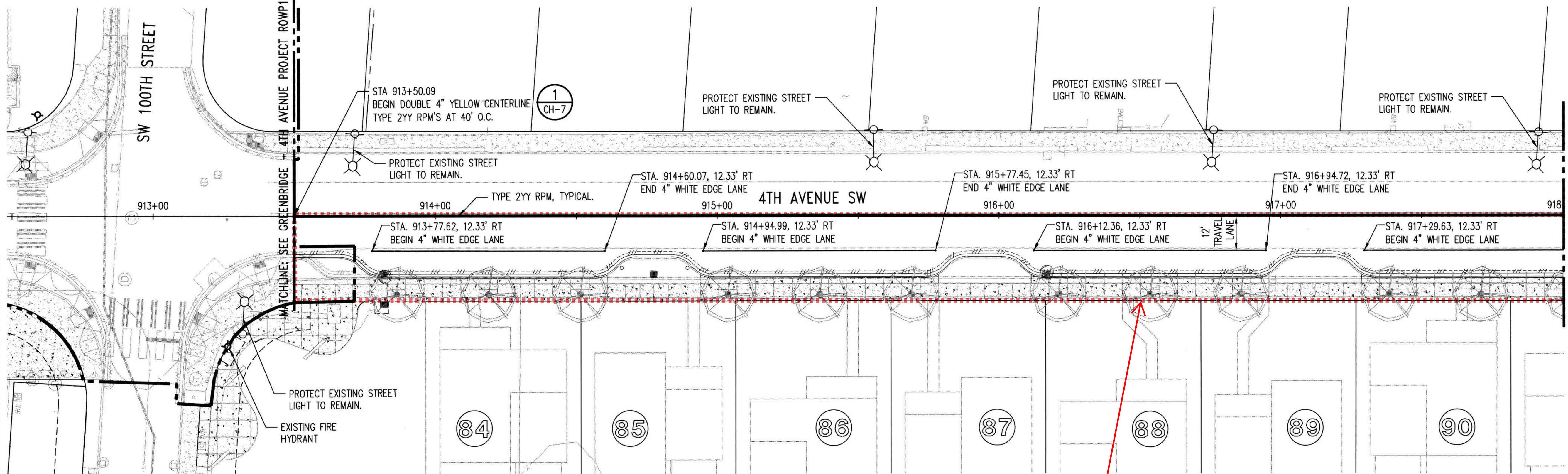
GREENBRIDGE DIVISION 8
 SW 102ND STREET

SURFACE IMPROVEMENTS AND CHANNELIZATION PLAN

SHEET
CH-5

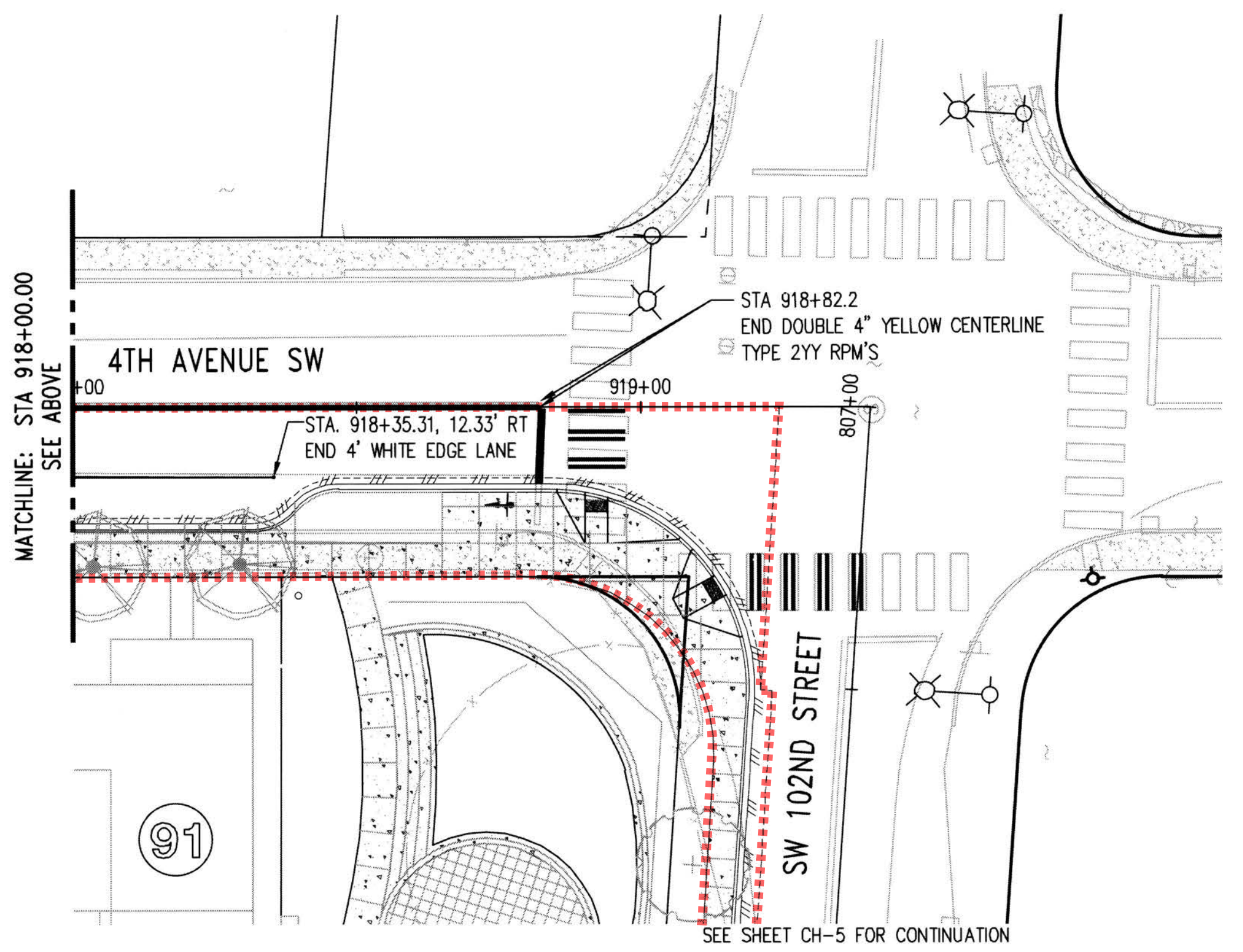
PROJECT NO. STRV17-0006 ACTIVITY NO.

SEC. 6, T.23 N., R.4E., W.M.



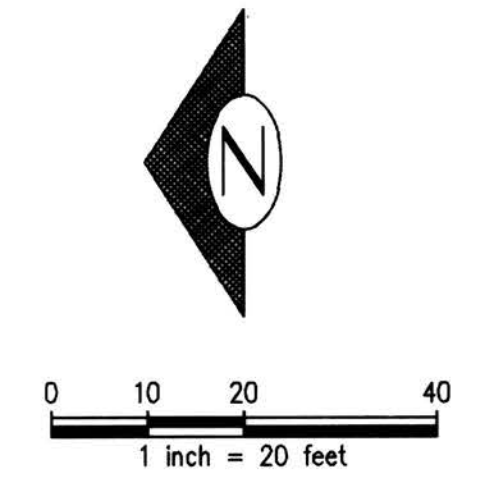
- LEGEND**
- CEMENT CONCRETE
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 - CURB
 - SAWCUT LINE
 - "STOP" SIGN
 - FIRE LANE SIGN
 - FIRE HYDRANT
 - RIGHT OF WAY
 - CENTERLINE

APPROXIMATE PHASE 1 ROADWAY IMPROVEMENT LIMITS.



DATUM
 HORIZONTAL DATUM:
 NAD 83/91 WASHINGTON STATE PLANE
 COORDINATES NORTH ZONE PER KING
 COUNTY GPS CONTROL.

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NOTE:
 SIGNAGE AND STRIPING SHOWN ON THESE PLANS ARE APPROXIMATE. KING COUNTY SHALL DETERMINE SIGN TYPE AND LOCATION. CONTRACTOR SHALL NOTIFY TRAFFIC ENGINEERING (206-263-6110) AT LEAST TEN (10) WORKING DAYS PRIOR TO STRIPING TO COORDINATE CHANNELIZATION LAYOUT AND SIGN INSTALLATION.

RECORD DRAWINGS

THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED FROM THE CONTRACTOR'S REDLINED MARK-UPS OF THE CONSTRUCTION DOCUMENTS. THE ENGINEER REVIEWING THESE RECORD DRAWINGS HAS NOT WITNESSED ALL OF THE ELEMENTS OF CONSTRUCTION AND IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS IN DATA OR CERTIFY THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR'S AS-BUILT REDLINES.

Final Corrected Plans
 For Reference Only

P# 4477

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY
KMB, TAD

DESIGNED BY
BB, SZ

CHECKED BY
JCG

APPROVED BY
MAV

DATE
JUNE 25, 2019

JOB No. : 1600206

Call 811
two business days before you dig

SCALE:
AS NOTED

1601 5th Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
www.kpff.com

King County
Housing
Authority

KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON

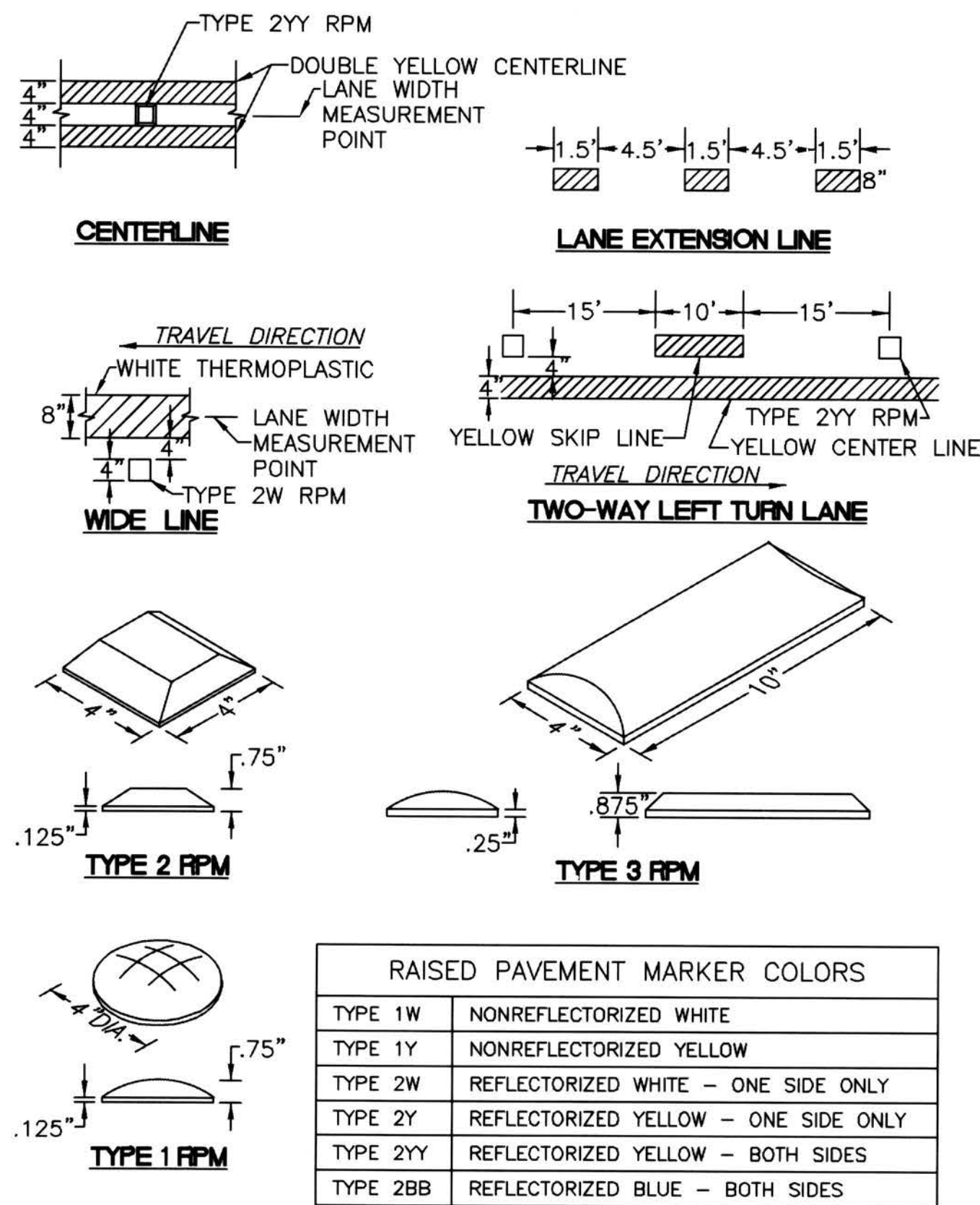
GREENBRIDGE DIVISION 8
 4TH AVENUE SW

SURFACE IMPROVEMENTS AND CHANNELIZATION PLAN

SHEET
CH-6

Jun 25, 2019 - 12:37pm
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PROJECT NO. STRV17-0006
 ACTIVITY NO.

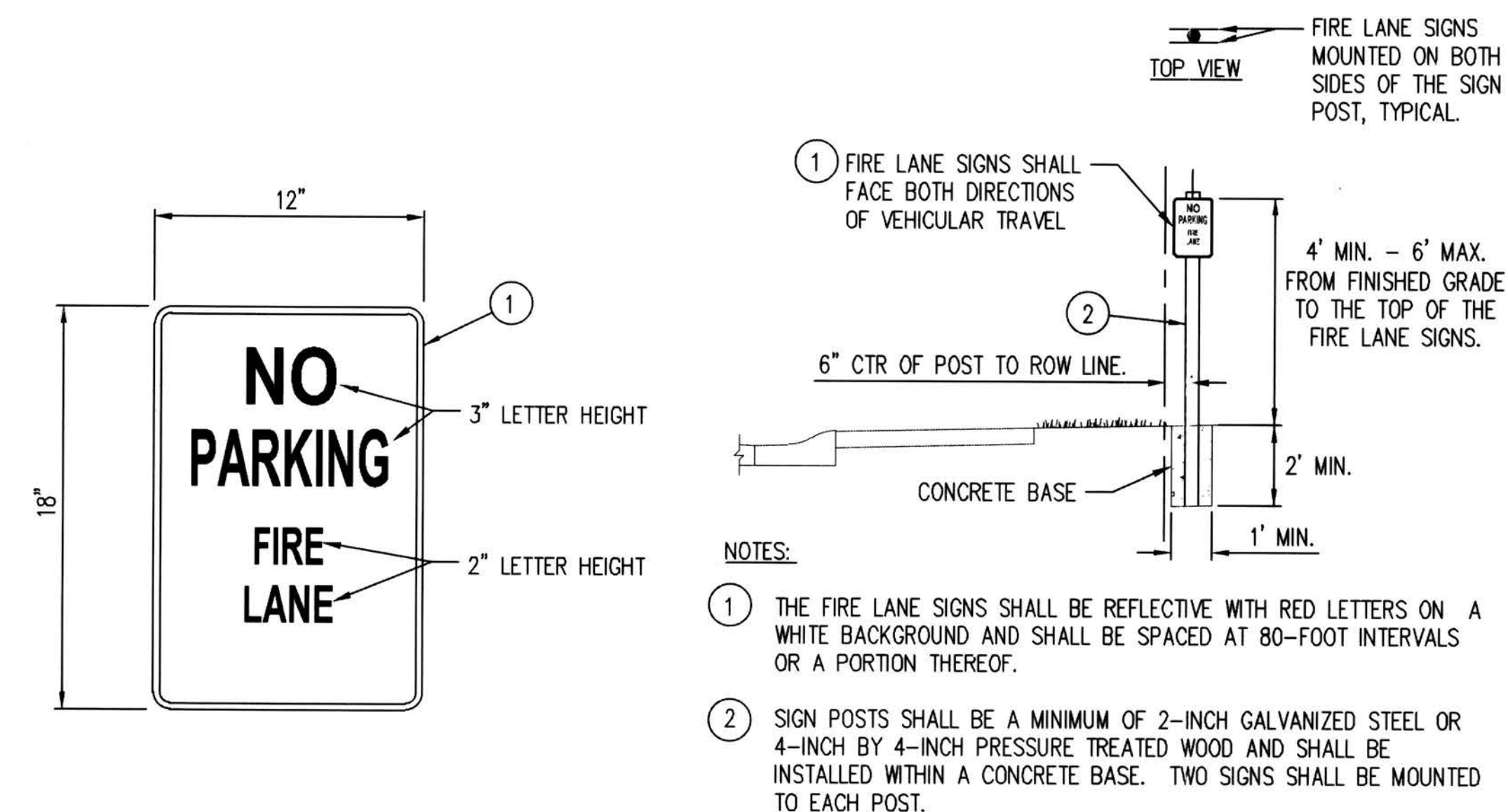


RAISED PAVEMENT MARKERS (RPM)
NTS

1
-

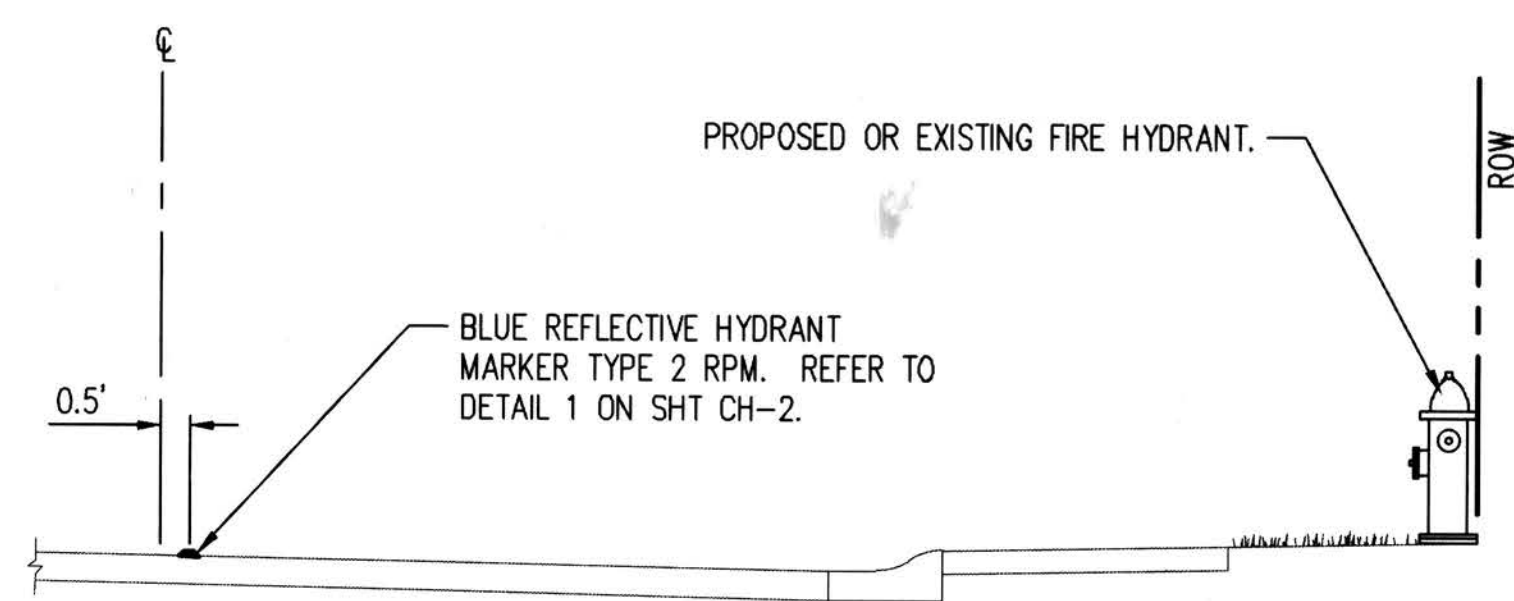
NOT USED
NTS

2
-



FIRE LANE SIGN DETAILS
NTS

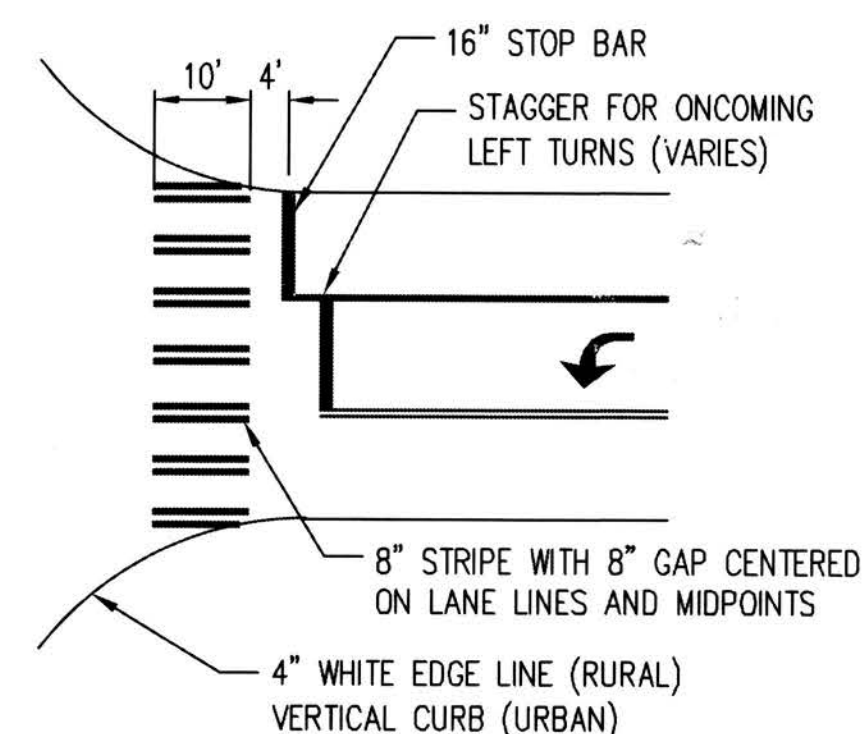
3
-



- NOTES:
1. SET THE CENTER OF THE BLUE REFLECTIVE HYDRANT MARKER 6-INCHES FROM THE ROAD CENTERLINE ON THE SAME SIDE AS THE PROPOSED OR EXISTING FIRE HYDRANT.
 2. COORDINATE ALL CHANNELIZATION WITH KCDOT.
 3. REFER TO D-1 AND D-2 FOR ROAD SECTIONS.

BLUE REFLECTIVE HYDRANT MARKER DETAIL
NTS

4
-



CROSSWALK STRIPING
KING COUNTY STD DWG NO. 4-001
NTS

5
-

RECORD DRAWINGS

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Final Corrected Plans
For Reference Only

P# 4477

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

SURFACE IMPROVEMENTS AND CHANNELIZATION DETAILS

SHEET

CH-7

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Jun 25, 2019 - 12:37pm

NO.	DATE	BY	CHD.	APPR.	REVISION
	03/18/22	SJZ	JCG	JF	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY	DESIGNED BY
KMB, TAD	BB, SZ
CHECKED BY	APPROVED BY
JCG	MAV
DATE	
JUNE 25, 2019	
JOB No. : 1600206	

811 Call 811
two business days before you dig

kpff

1601 5th Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
www.kpff.com

Greenbridge

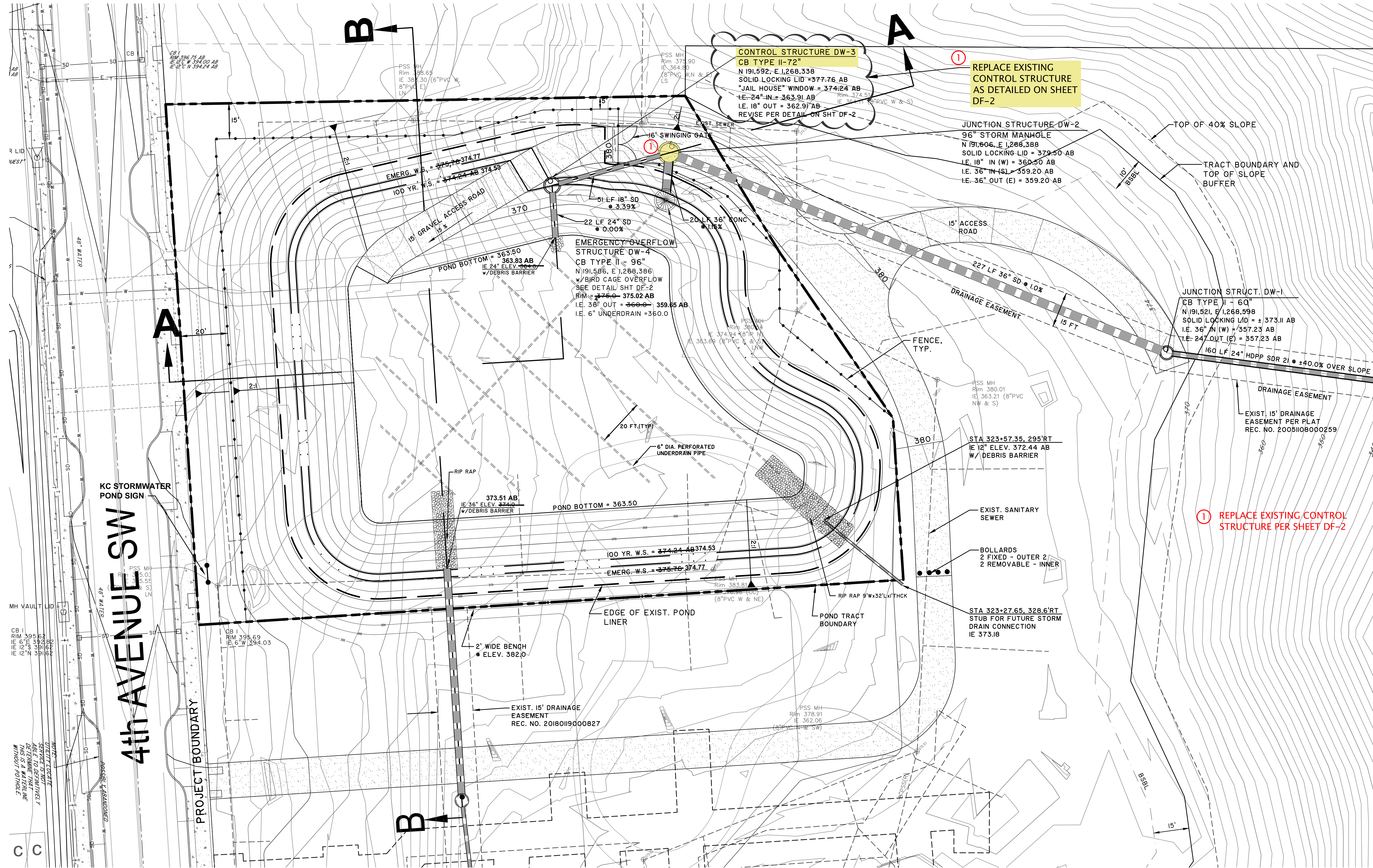
King County Housing Authority

SCALE:
AS NOTED

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON

GREENBRIDGE DIVISION 8

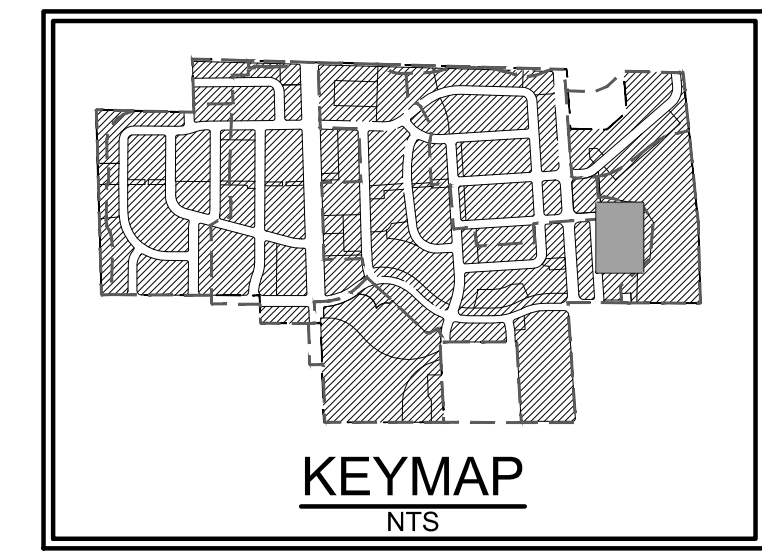
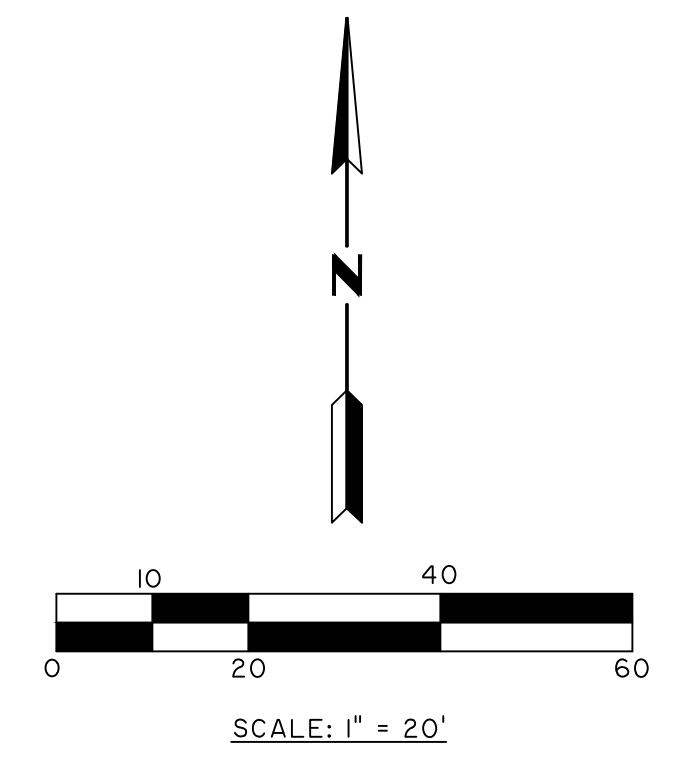
SURFACE IMPROVEMENTS AND CHANNELIZATION DETAILS



STORMWATER FACILITY
 FACILITY TYPE: PUBLIC DETENTION POND
 DETENTION POND: LEVEL POND 3 FLOW CONTROL
 REQUIRED LIVE STORAGE VOLUME = 5.32 AC.FT.
 DESIGN LIVE STORAGE VOLUME = 5.85 AC.FT.
 DETENTION (LIVE) W.S. = 374.24 AB 374.53
 OVERFLOW W.S. = 374.71 AB 375.03
 EMER. OVERFLOW W.S. = 375.76 AB 375.77
 BERM EL. = ACCESS ROAD 380±

DATUM:
 HORIZONTAL DATUM:
 NAD 83/91 WASHINGTON STATE PLANE
 COORDINATES NORTH ZONE PER KING
 COUNTY / GPS CONTROL.
 VERTICAL DATUM:
 NAVD 88

NOTE:
 THIS PLAN IS BASED ON THE AS-BUILT
 FINAL CORRECTED PLANS FOR THE
 STORMWATER DETENTION FACILITY
 DR-2 CONSTRUCTED UNDER KING
 COUNTY PERMIT P#4048.
 THIS PLAN HAS BEEN INCLUDED TO
 SHOW THE LOCATION OF THE
 CONTROL STRUCTURE TO BE MODIFIED
 AS PART OF GREENBRIDGE SITE
 IMPROVEMENTS.



DEPARTMENT OF LOCAL SERVICES
 PERMITTING DIVISION
Final Corrected Plans



KING COUNTY DLSPD APPROVAL	
Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	MB	MB	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY: HW
 DESIGNED BY: MAB
 CHECKED BY: MAB
 APPROVED BY: MAB
 DATE: JULY 18, 2019
 JOB No.: 1600206

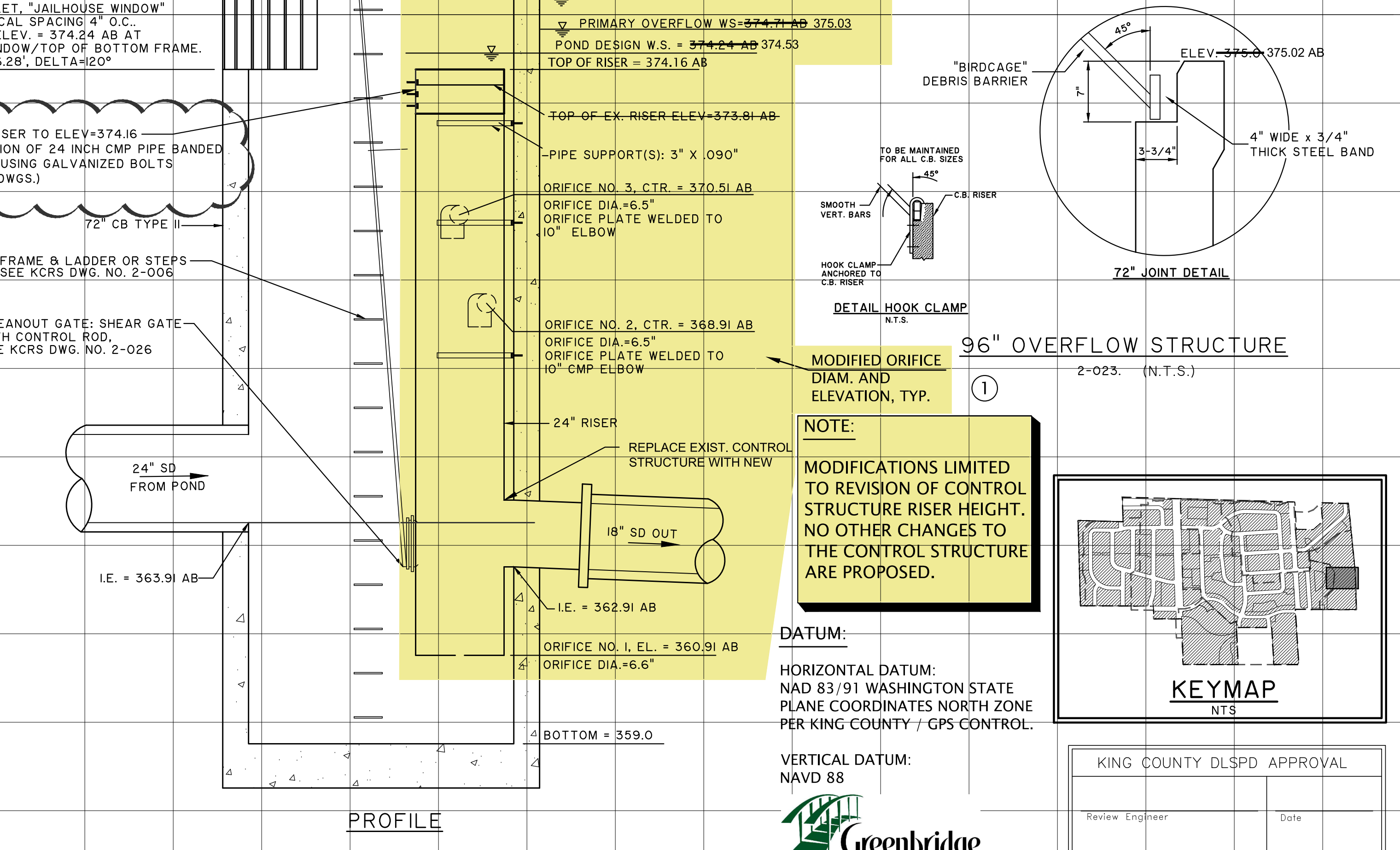
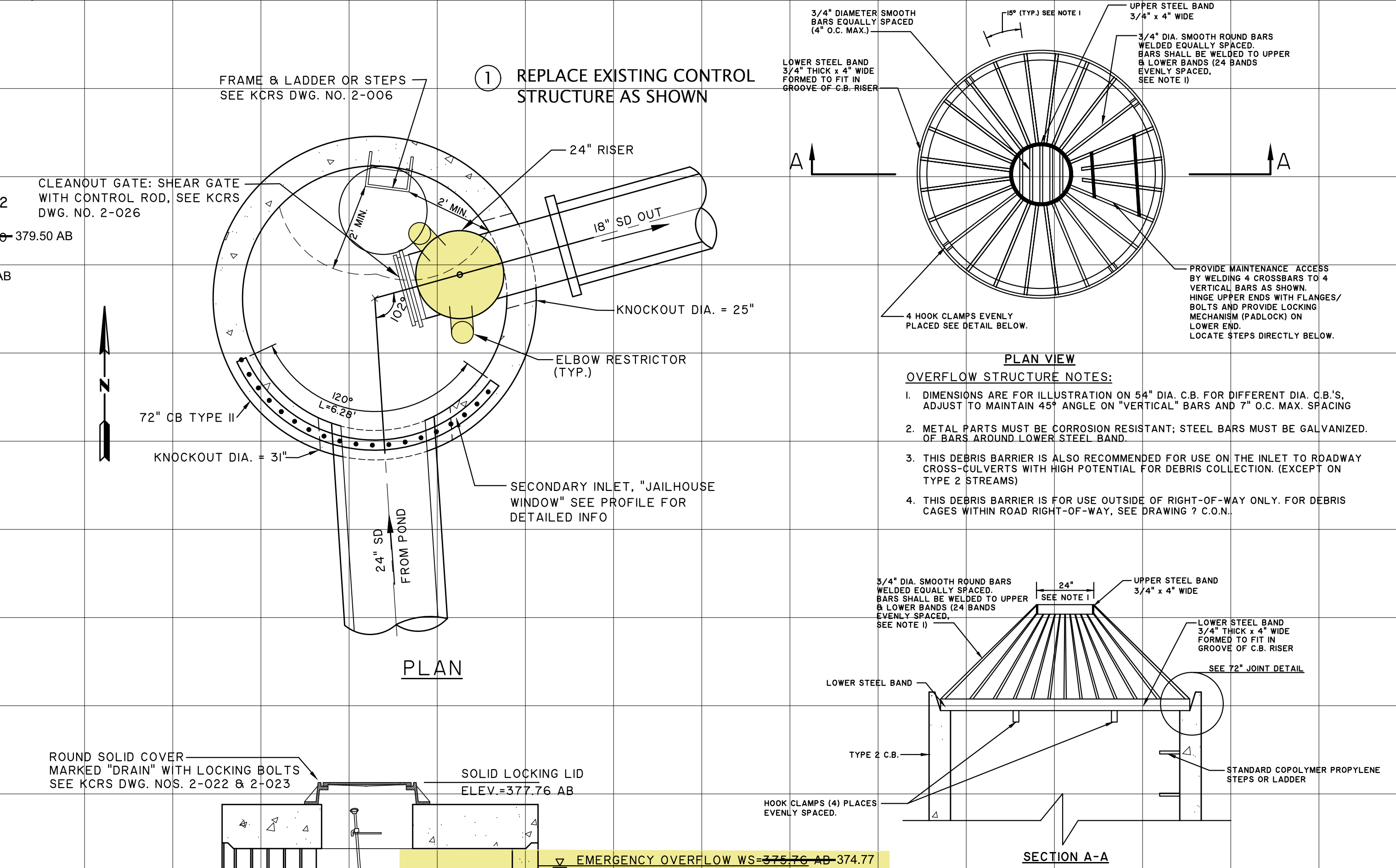
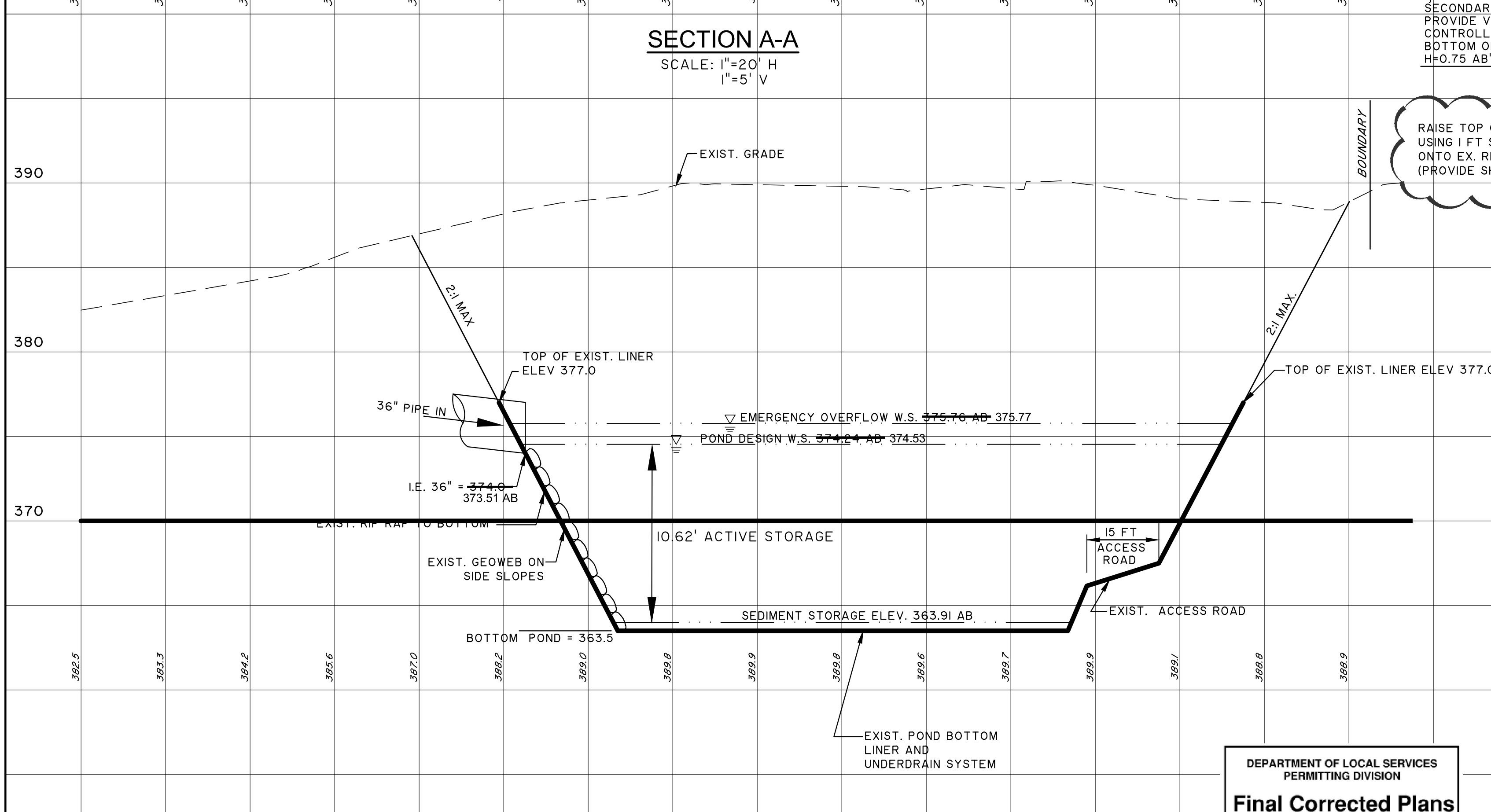
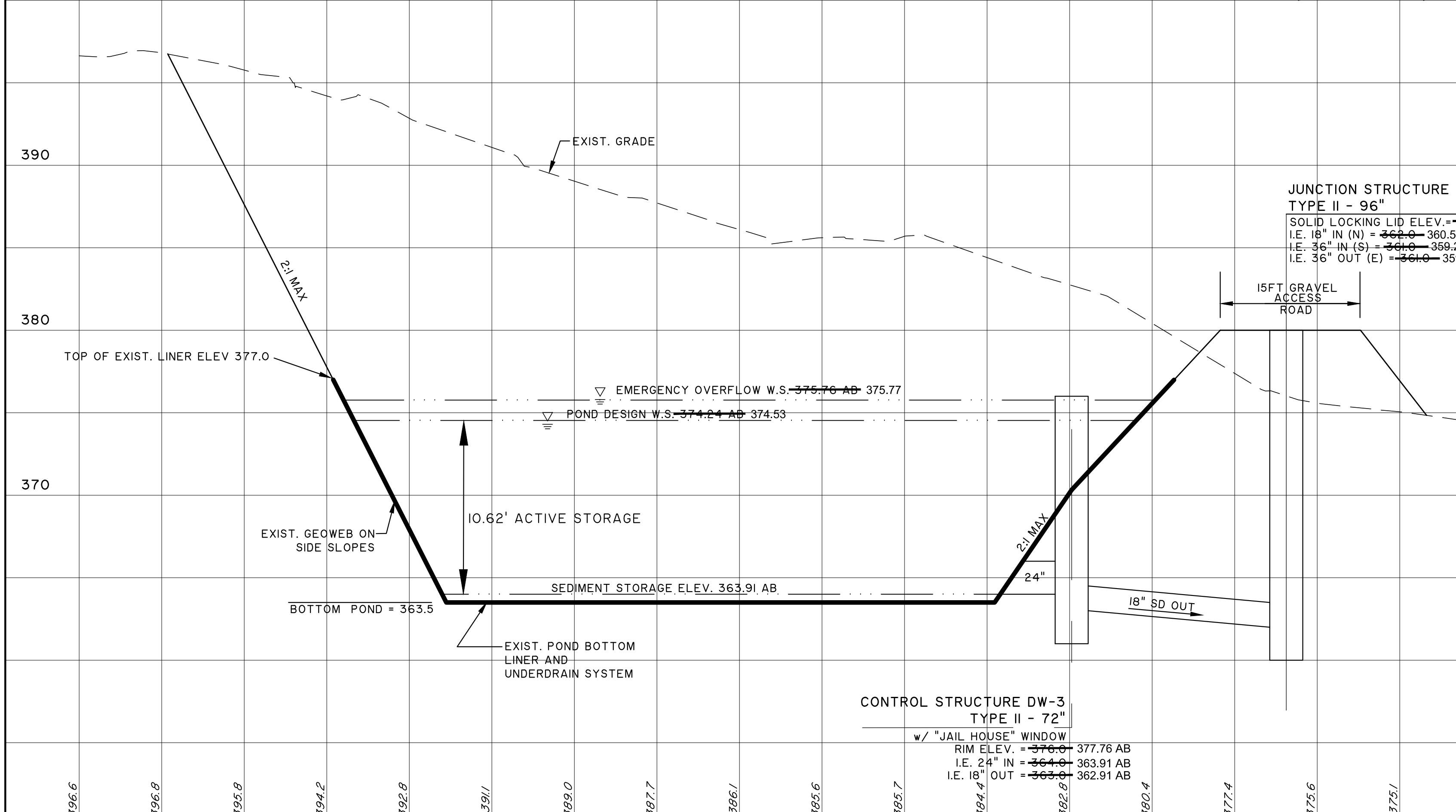


KING COUNTY HOUSING AUTHORITY
 WHITE CENTER, WASHINGTON
 GREENBRIDGE DIVISION 8
STORMWATER DETENTION DR-2 FACILITY PLAN

SHEET
DF-1

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 WA CAD SURVEY US 16053101.PDF Sheet 1 FINAL CORRECTED ED 16053101.dwg

RECORD NUMBER STRV17-006



SECTION A-A
SCALE: 1"=20' H
1"=5' V

SECTION B-B
SCALE: 1"=20' H

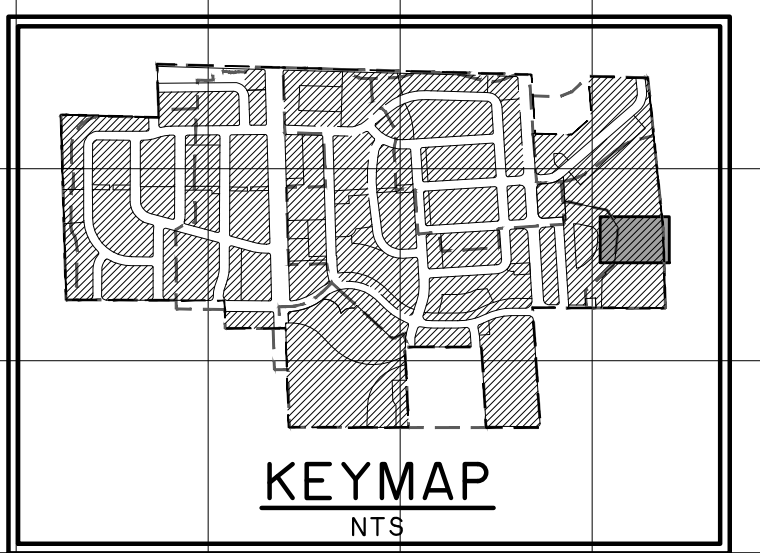
NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	MB	MB	FINAL CORRECTED PLANS - PHASE 1

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans

MODIFIED DETAIL CONTROL STRUCTURE DW-3, 72" TYPE II
SCALE: 1"=2'

NOTE:
MODIFICATIONS LIMITED TO REVISION OF CONTROL STRUCTURE RISER HEIGHT. NO OTHER CHANGES TO THE CONTROL STRUCTURE ARE PROPOSED.

DATUM:
HORIZONTAL DATUM:
NAD 83/91 WASHINGTON STATE PLANE COORDINATES NORTH ZONE PER KING COUNTY / GPS CONTROL.
VERTICAL DATUM:
NAVD 88



KING COUNTY DLSPD APPROVAL

Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

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DRAWN BY	DESIGNED BY
CHECKED BY	APPROVED BY
DATE	
JOB No. : 1600206	

811 Call 811
two business days before you dig

SCALE: AS NOTED

GOLDSMITH
LAND DEVELOPMENT SERVICES
1215 11th Ave SE, Bellevue, WA 98001 | PO Box 3563, Bellevue, WA 98009
T: 425-462-1000 F: 425-462-7719 www.golsmithengineering.com

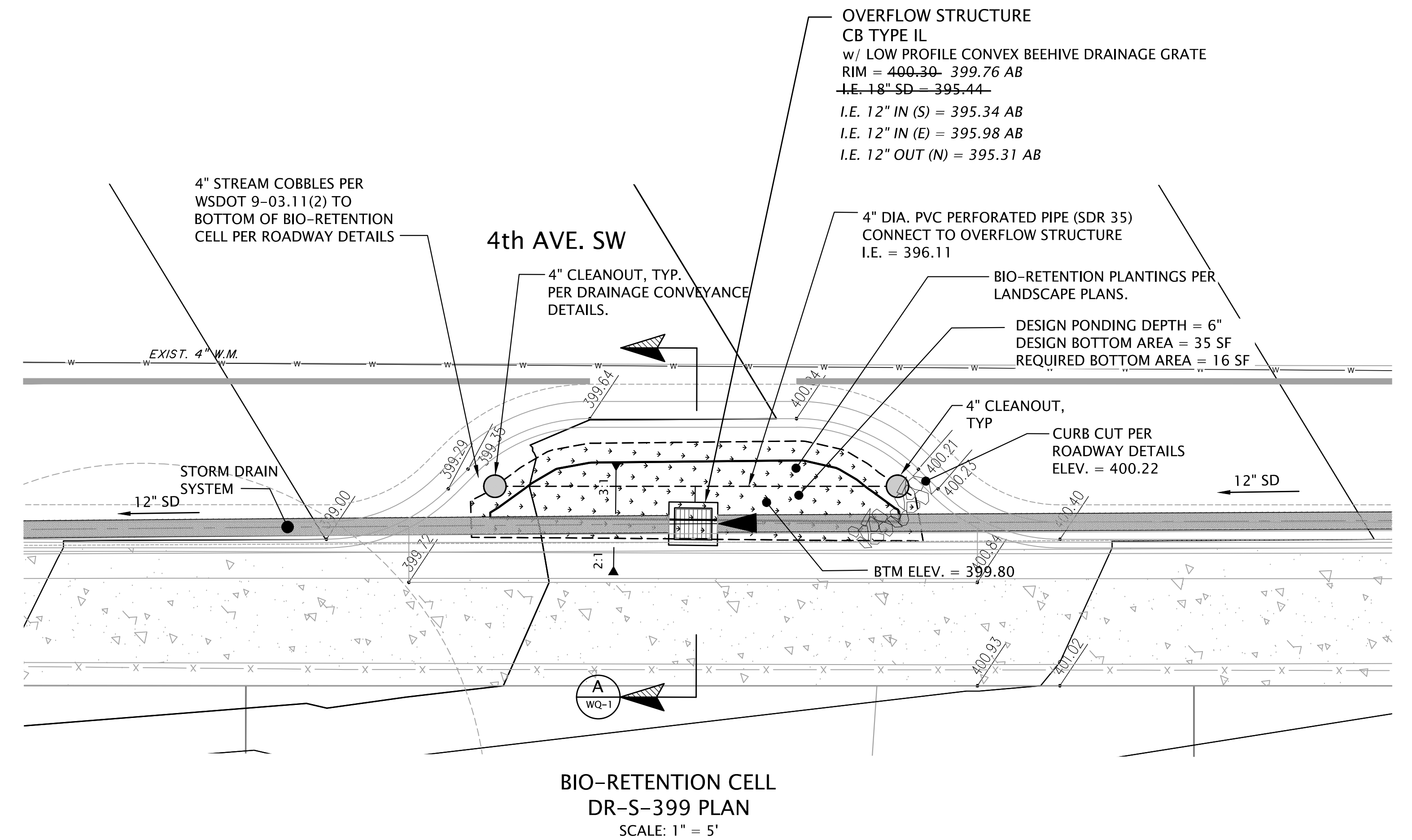
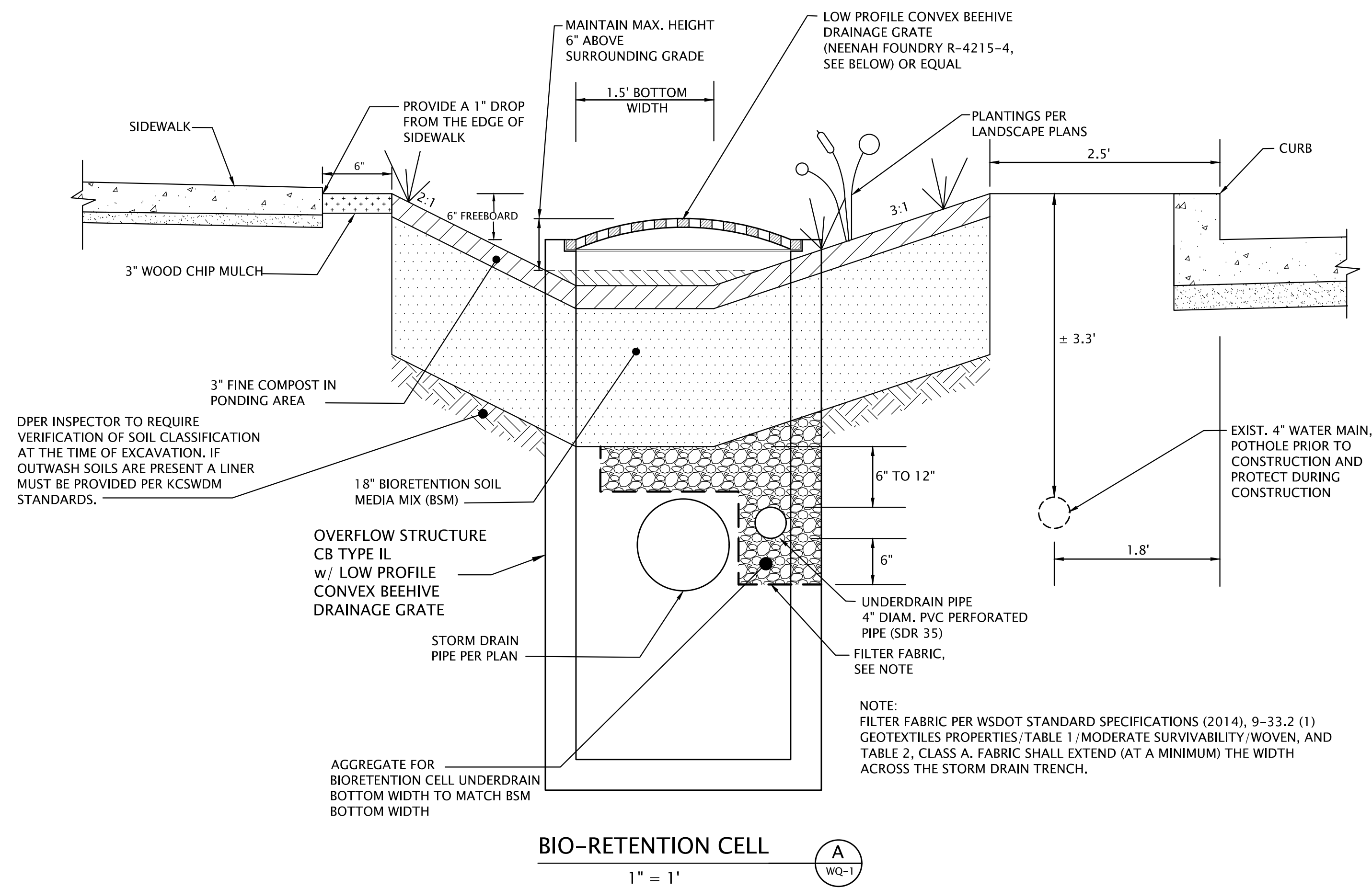
Greenbridge
King County Housing Authority

MARK A. WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
36000
3/24/2022

KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
STORMWATER DETENTION FACILITY SECTION AND DETAILS

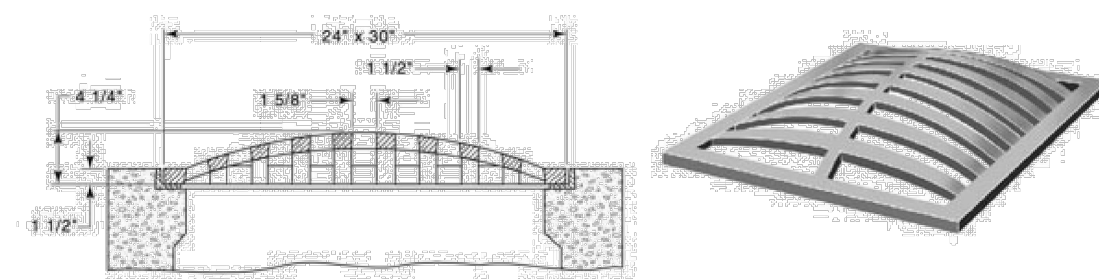
SHEET **DF-2**

RECORD NUMBER STRV17-006



R-4215-A

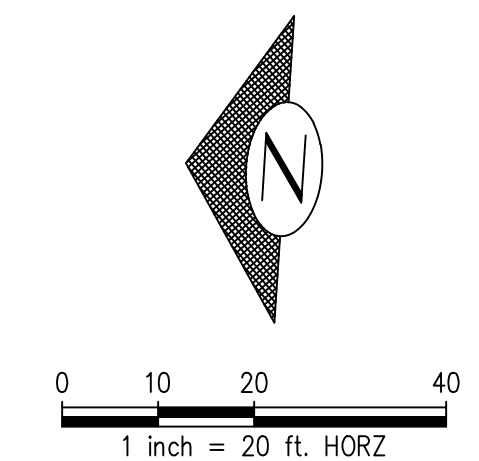
Convex Grate
Heavy Duty



- Available with or without angle frame, please specify.
- For side ditch drainage.

LOW PROFILE CONVEX BEEHIVE DRAINAGE GRATE

DEPARTMENT OF LOCAL SERVICES
PERMITTING DIVISION
Final Corrected Plans



HORIZONTAL DATUM:
NAD 83/91 WASHINGTON
STATE PLANE COORDINATES
NORTH ZONE PER KING
COUNTY GPS CONTROL.

VERTICAL DATUM:
NAVD 88

KING COUNTY DLSPD APPROVAL	
Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	MB	MB	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY HW
DESIGNED BY MAB
CHECKED BY MAB
APPROVED BY MAB
DATE JULY 18, 2019
JOB No.: 1600206



SCALE: AS NOTED

GOLDSMITH
LAND DEVELOPMENT SERVICES
1215 11th Ave SE, Bellevue, WA 98001 | PO Box 3563, Bellevue, WA 98009
T: 425 462 1000 F: 425 462 7719 www.goldsmitheng.com

Greenbridge
King County Housing Authority

MARK A. WARDEN
36000
REGISTERED PROFESSIONAL ENGINEER
3/24/2022

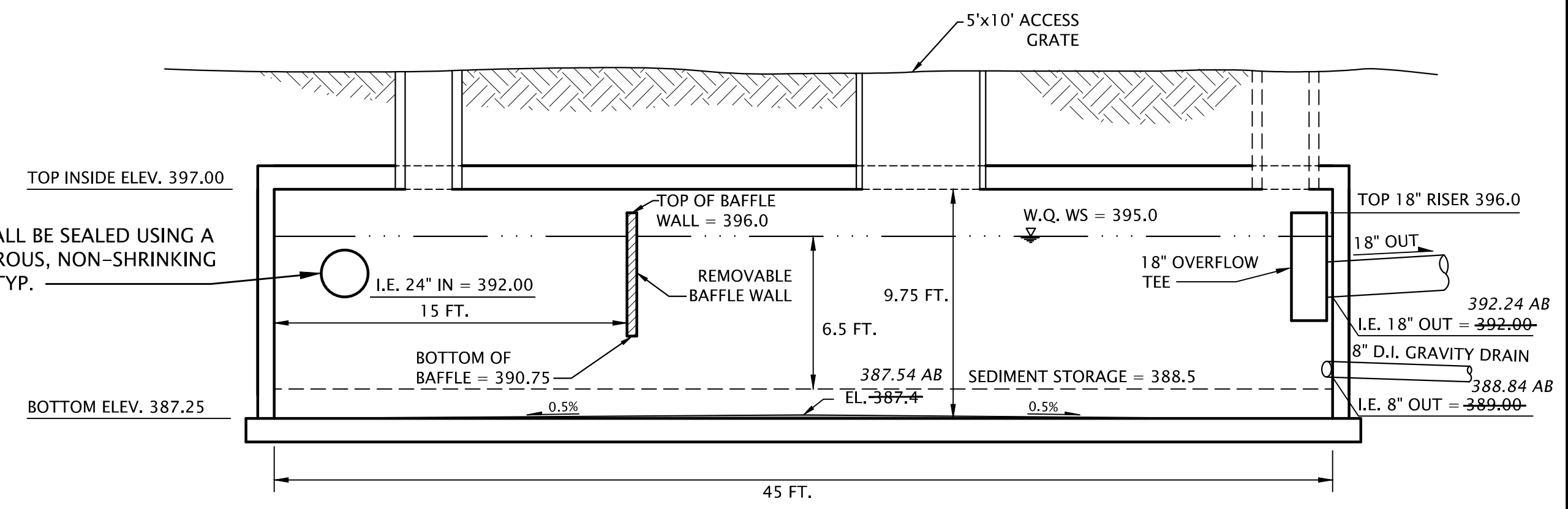
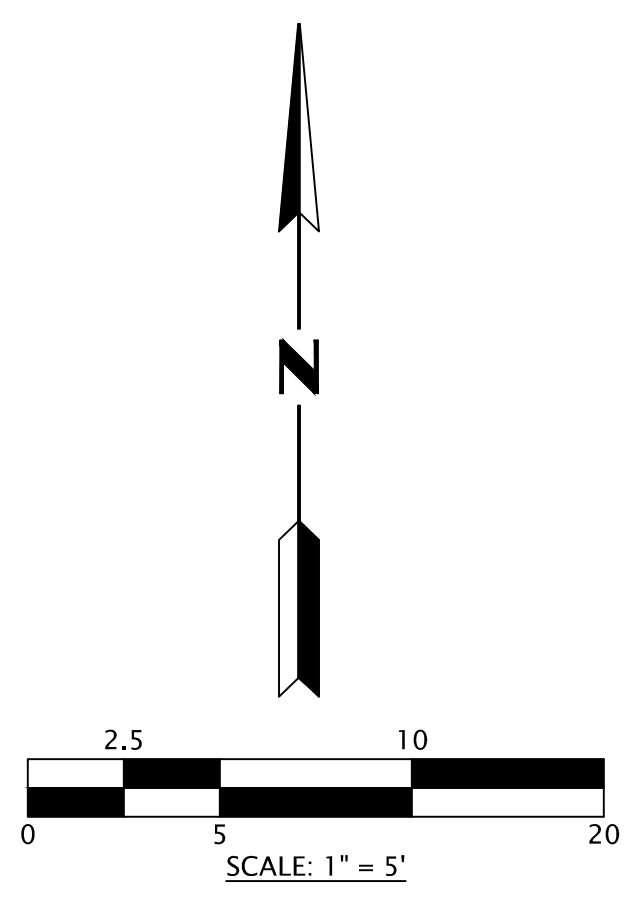
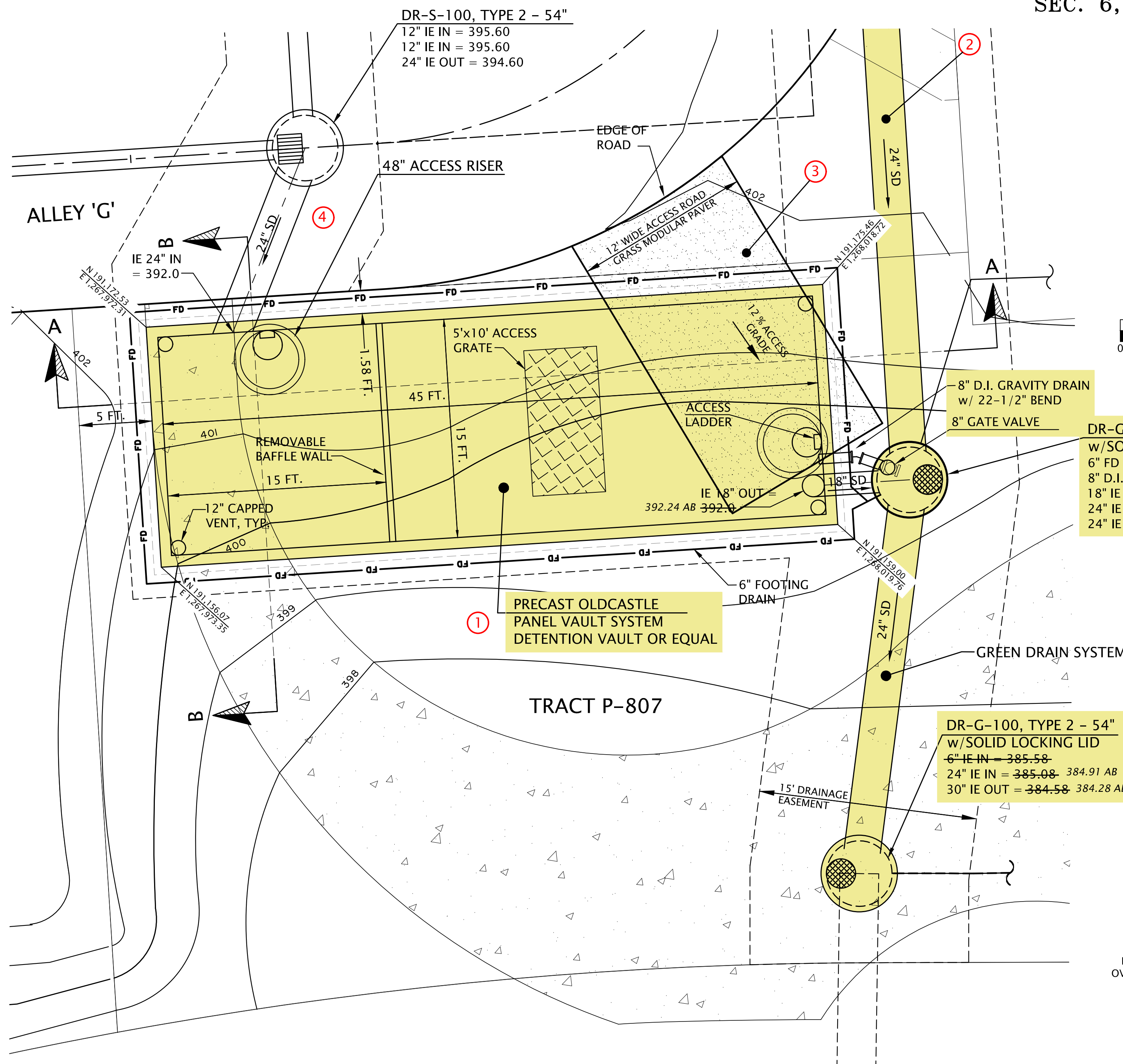
KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
4th AVE. SW BIO-RETENTION CELL PLAN

SHEET

WQ-1

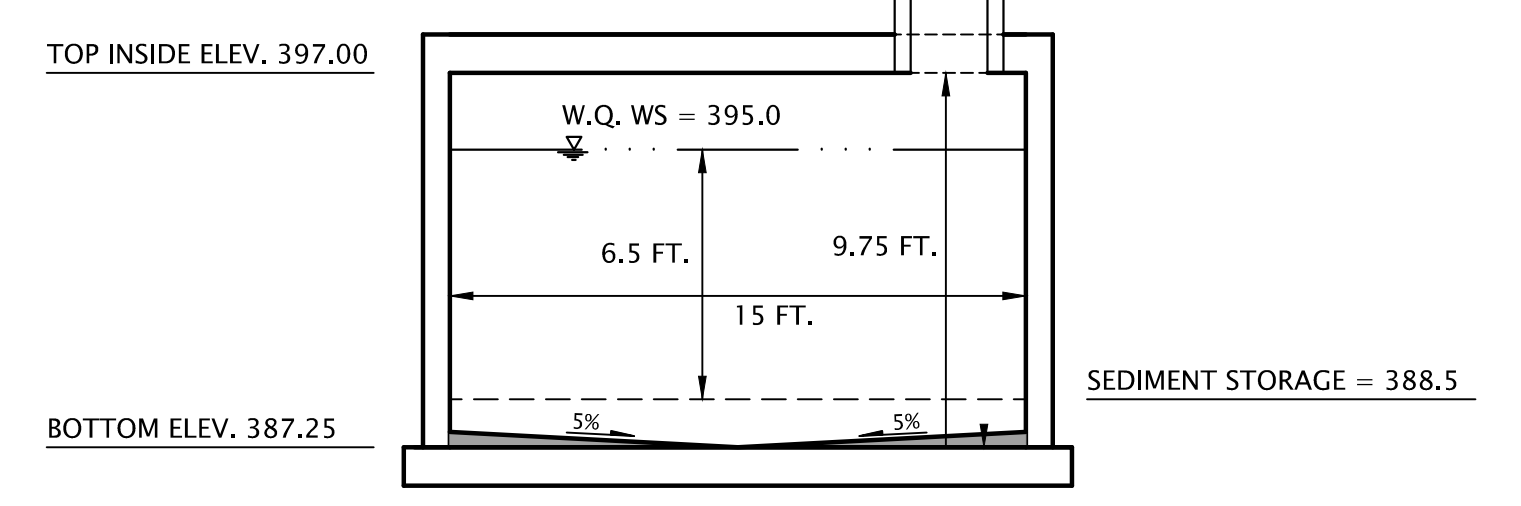
RECORD NUMBER STRV17-006

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NOTE: VAULT SHALL BE DESIGNED FOR OVERBURDEN SUPPORT AND H-20 LOADING.

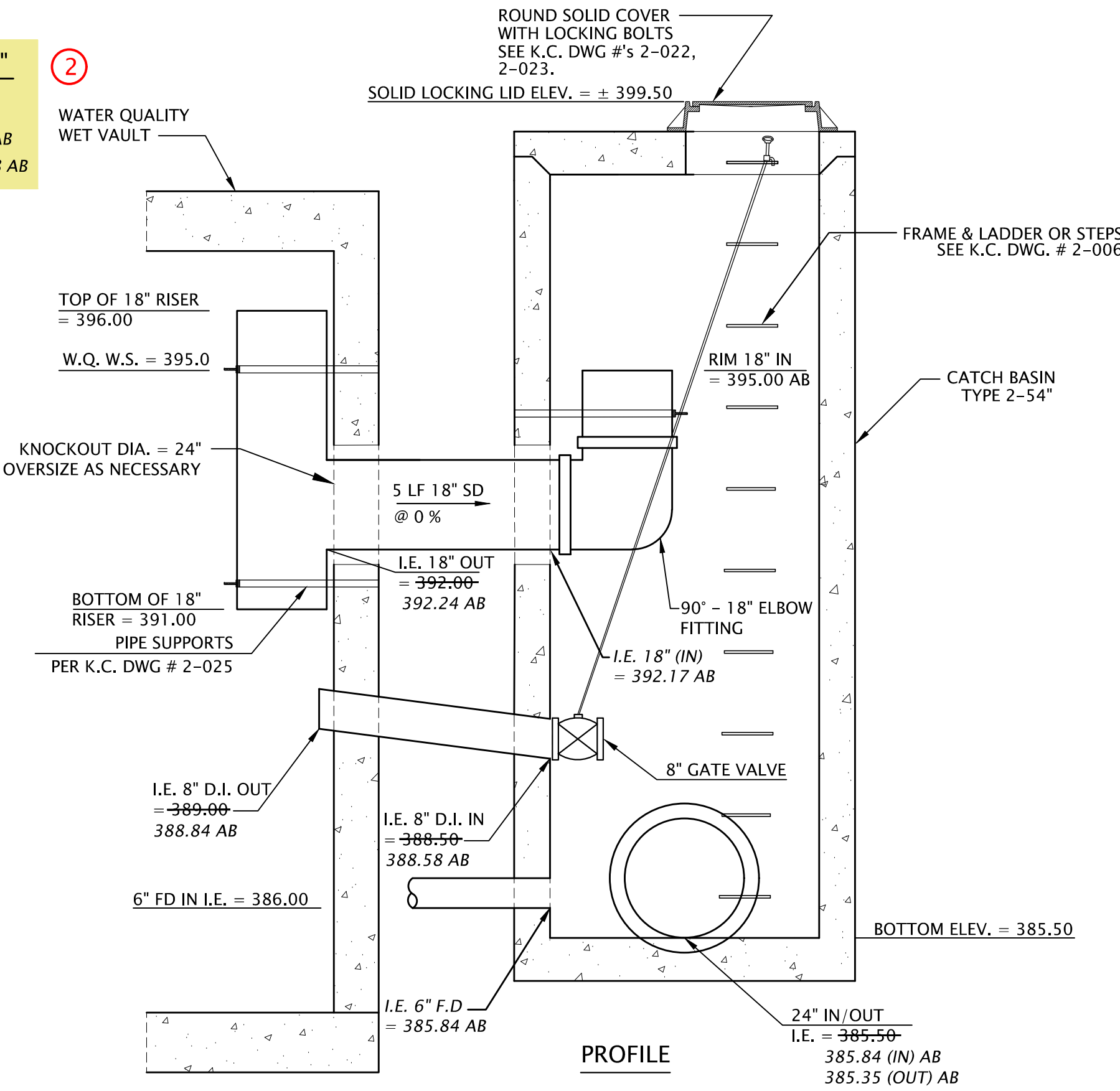
WATER QUALITY WET VAULT SECTION A-A
SCALE: 1" = 5'



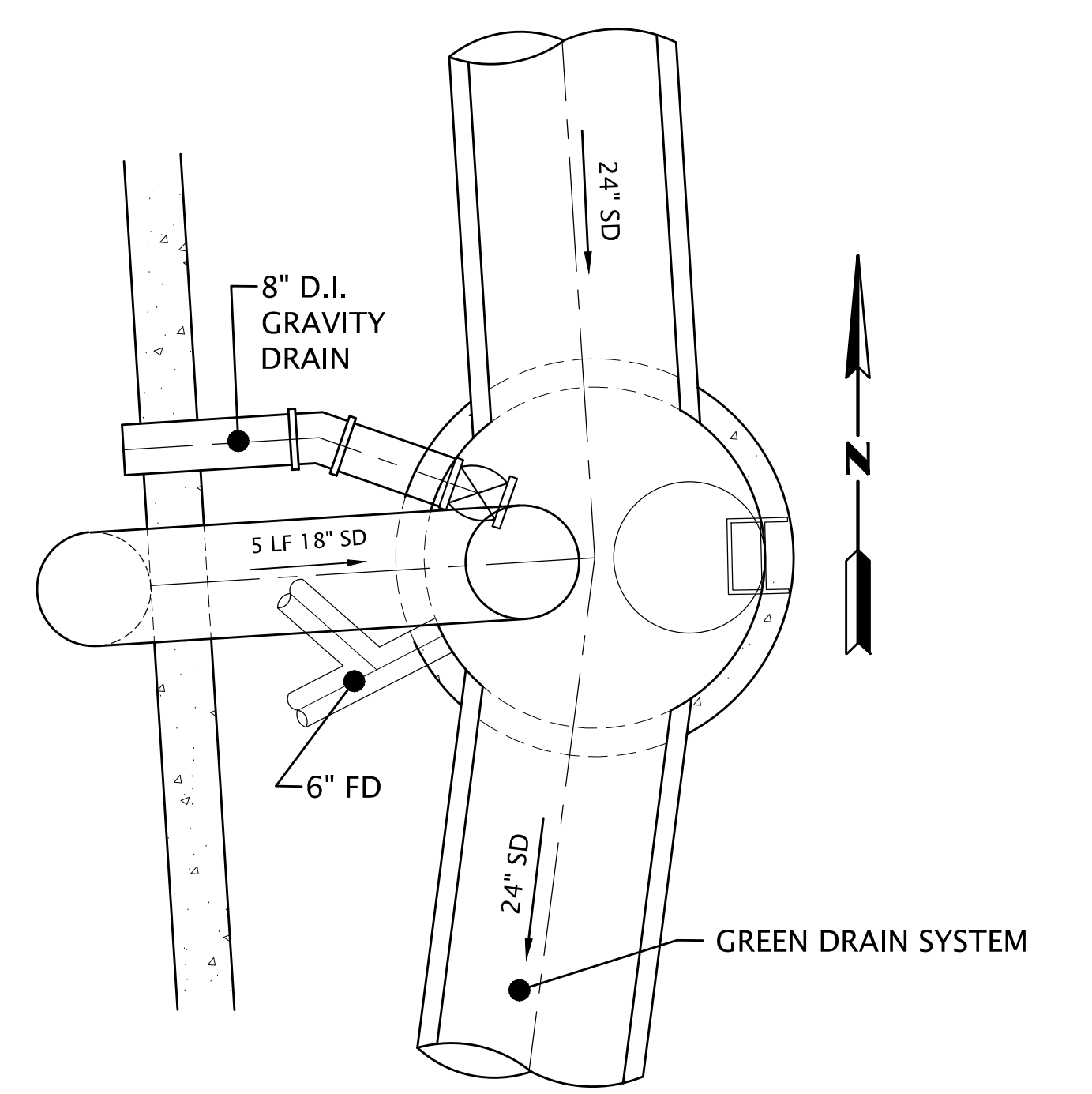
WATER QUALITY WET VAULT SECTION B-B
SCALE: 1" = 5'

VAULT VENTILATION

- 1) 1'-1" DIAM. VENT OPENINGS ARE DETAILED ON THE STRUCTURAL PLANS.
- 2) VENTS IN PARK / LANDSCAPE AREAS SHALL BE 12" DIAM. IPS SCH 40 PVC PIPE (OR EQUAL) WITH LIGHT DUTY DROP-IN GRATES.
- 3) VENTS IN PAVED AREAS SUBJECT TO VEHICULAR TRAFFIC SHALL BE 12" DIAM. CLASS 50 DUCTILE IRON PIPE w/ 12" DIAM. CAST IRON RING AND COVER (OLYMPIC FOUNDRY, INC. PART NO. MH5, OR EQUAL) w/ 2' SQUARE x 1' DEPTH CONC. CL. 5(S) COLLAR.



PROFILE



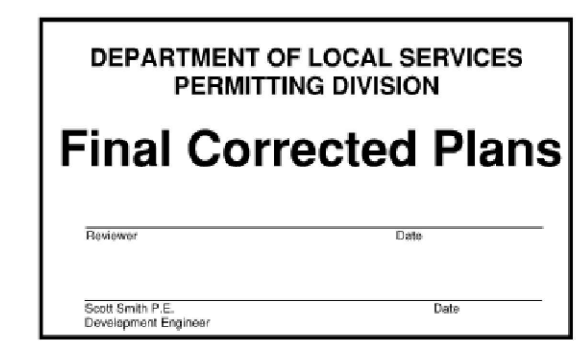
PLAN

REQUIRED WETPOND VOLUME (3 x ANN. RUNOFF) = 4,306 CF
DESIGNED WETPOND VOLUME = 4,388 CF
AS-BUILT WETPOND VOLUME = 4,388 CF

WATER QUALITY WET VAULT TREATMENT BMP DR-G-101-A

- 1) CONSTRUCT WATER QUALITY VAULT AS SHOWN, INCLUDING OUTLET PIPE, FOOTING DRAINS AND GRAVITY DRAIN.
- 2) CONSTRUCT STORM DRAIN AND STRUCTURES PER SHEET GD-16.
- 3) GRASS MODULAR PAVERS TO BE CONSTRUCTED WITH LATER CONSTRUCTION PHASE.
- 4) INLET PIPE NOT PART OF PHASE I, PROVIDE KNOCKOUT IN WALL.

DATUM:
HORIZONTAL DATUM:
NAD 83 / 91 WASHINGTON STATE PLANE COORDINATES NORTH ZONE PER KING COUNTY / GPS CONTROL.
VERTICAL DATUM:
NAVD 88



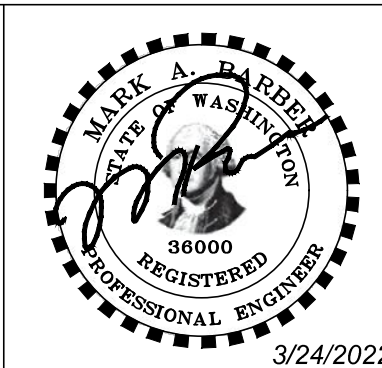
CONTROL STRUCTURE DR-G-101
TYPE 2 - 54"
SCALE: 1" = 2'

KING COUNTY DLSPD APPROVAL	
Review Engineer	Date
Senior Engineer	Date
First and Last Name, P.E. DEVELOPMENT ENGINEER	Date

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NO.	DATE	BY	CHD.	APPR.	REVISION
	3/18/22	HW	MB	MB	FINAL CORRECTED PLANS - PHASE 1

DRAWN BY HW	DESIGNED BY MAB
CHECKED BY MAB	APPROVED BY MAB
DATE JULY 18, 2019	
JOB No. : 1600206	



KING COUNTY HOUSING AUTHORITY
WHITE CENTER, WASHINGTON
GREENBRIDGE DIVISION 8
WATER QUALITY TREATMENT WET VAULT PLAN AND DETAILS

SHEET
WQ-4

RECORD NUMBER STRV17-006