

GENERAL NOTES

MOHAVE COUNTY, AZ CODE OF ORDINANCES

SECTION 30-142 - CONSTRUCTION IMPROVEMENT PLANS

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH COUNTY STANDARD SPECIFICATIONS AND STANDARD DETAILS, AND OTHER COUNTY-ADOPTED STANDARDS, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER, OR UNLESS APPROVED AS AN EXCEPTION FROM STANDARD BY HEARING OF THE PLANNING AND ZONING COMMISSION AND THE BOARD OF SUPERVISORS.
- THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY USE PERMIT FROM MOHAVE COUNTY FOR ANY WORK TO BE PERFORMED WITHIN RIGHTS-OF-WAY UNDER THE OWNERSHIP OR CONTROL OF THE COUNTY.
- THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH COUNTY REQUIREMENTS PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE COUNTY FROM REQUIRING CORRECTION OF ERRORS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE. REVIEW AND APPROVAL OF PLANS DOES NOT RELEASE ANY DEVELOPER OR PROJECT ENGINEER FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS ON SAID PLANS.
- IMPROVEMENTS WILL NOT BE ACCEPTED UNTIL CERTIFIED RECORD DRAWINGS (AS-BUILTS), INCLUDING ALL TEST RESULTS, HAVE BEEN SUBMITTED AND ACCEPTED BY THE COUNTY.
- THE DEVELOPER, ANY SUCCESSORS, AND ASSIGNS, WILL HOLD THE COUNTY, ITS OFFICERS, EMPLOYEES, AND AGENTS HARMLESS FROM ANY AND ALL CLAIMS FOR DAMAGES RELATED TO THE USE OF THIS DEVELOPMENT AS SHOWN HEREON, NOW AND IN THE FUTURE, BY REASON OF FLOODING, FLOWAGE, EROSION, OR DAMAGE CAUSED BY WATER, WHETHER SURFACE FLOOD OR RAINFALL.
- DRAINAGE WILL REMAIN IN ITS NATURAL STATE AND WILL NOT BE ALTERED, DISTURBED, OR OBSTRUCTED OTHER THAN AS SHOWN ON THIS DEVELOPMENT PLAN.
- A FLOODPLAIN USE PERMIT AND FINISHED FLOOR ELEVATION CERTIFICATE ARE REQUIRED FOR ALL PARCELS LOCATED WITHIN THE FEDERAL EMERGENCY MANAGEMENT AGENCY DESIGNATED AREAS OF SPECIAL FLOOD HAZARD FOR THE 100-YEAR STORM.
- ANY RELOCATION, MODIFICATION, ETC., OF EXISTING UTILITIES AND/OR PUBLIC IMPROVEMENTS NECESSITATED BY THE PROPOSED DEVELOPMENT SHALL BE AT NO EXPENSE TO THE COUNTY.
- THE CONTRACTOR SHALL FOLLOW ALL BLUE STAKE LAWS AND NOTIFY BLUE STAKE (AZ 811) BEFORE DIGGING.
- ALL GRADING SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF THE BUILDING CODES, AS ADOPTED AND MODIFIED BY THE COUNTY.
- WHERE SOIL IS TO BE REMOVED FROM THE SITE, THE CONTRACTOR SHALL DESIGNATE THE LOCATION WHERE THE FILL WILL BE PLACED AND OBTAIN A LETTER FROM THE OWNER OF THAT PROPERTY ALLOWING THE PLACEMENT OF THE MATERIAL. PLACEMENT OF THIS MATERIAL SHALL BE SUBJECT TO THE APPLICABLE REQUIREMENTS AND PERMITS OF THE GOVERNING JURISDICTION.
- ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- EXCEPT FOR THE WORK PERFORMED UNDER THE TERMS OF A FRANCHISE, OR WORK PERFORMED BY A GOVERNMENTAL AGENCY, THE OWNER SHALL BE RESPONSIBLE FOR ENSURING THAT ALL WORK IS INSPECTED AND TESTED BY OR UNDER THE DIRECT SUPERVISION OF A PROJECT ENGINEER.
- ALL PIPE BACKFILL SHALL CONFORM TO MOHAVE COUNTY STANDARD DETAIL 200-1.
- ALL CONCRETE DRIVEWAYS SHALL CONFORM TO MOHAVE COUNTY STANDARD DETAIL 250-C.
- ALL ASPHALT DRIVEWAYS SHALL CONFORM TO MOHAVE COUNTY STANDARD DETAIL 250-A1.

SURVEY NOTES

- TOPOGRAPHIC SURVEY DATA PROVIDED BY THE CITY OF KINGMAN
220 N. 4TH STREET
KINGMAN, ARIZONA 86401
(928)753-8134
- THE ROADWAY RIGHT-OF-WAY LIMITS AS SHOWN ON THESE PLANS WERE DETERMINED FROM FOUND CENTERLINE MONUMENTS. A BOUNDARY SURVEY WAS NOT CONDUCTED AS PART OF THIS PROJECT.
- PARCEL LINES WERE ESTABLISHED FROM CITY GIS DATA.

UTILITY CONTACTS

UNISOURCE ELECTRIC:
2498 AIRWAY AVE.
KINGMAN, AZ 86409
ATTN: MARVIN YARBROUGH
(928) 681-8928

UNISOURCE GAS:
3436 N. EVANS
KINGMAN, AZ 86409
ATTN: JEFF FIELD
(928) 681-6503

FRONTIER COMMUNICATIONS:
3405 NORTHERN AVE.
KINGMAN, AZ 86401
ATTN: MARC LOREQUE
(928) 757-0273

SUDENLINK, INC.
2900 AIRWAY AVE.
KINGMAN, AZ 86401
ATTN: WAYNE LANGLEY
(928) 208-2012

**CITY OF KINGMAN
WATER & SEWER
PUBLIC WORKS DEPT.**
3700 E. ANDY DEVINE
KINGMAN, AZ 86401
(928) 757-7467



WATER SPECIFICATIONS

- ENGINEERING DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE (928) 753-8195.
- ALL WATER VALVE BOXES SHALL BE PER CITY OF KINGMAN DETAIL 391-1 & 392-2.
- ALL CONSTRUCTION TO CONFORM TO M.A.G. SPECIFICATIONS AND DETAILS AND CITY OF KINGMAN SUPPLEMENT TO M.A.G. SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE PLANS.
- COMPACTION SHALL COMPLY WITH M.A.G. SECTION 601 & CITY OF KINGMAN SUPPLEMENTS.
- THIS SET OF PLANS HAS BEEN INITIALLY REVIEWED BY THE CITY OF KINGMAN. SUCH REVIEW IS PART OF THE PROCESS THAT DEVELOPER(S)/CONTRACTOR(S) MUST GO THROUGH IN ORDER TO OBTAIN A CONSTRUCTION PERMIT. THE RESULTS OF SUCH INITIAL REVIEW SHALL NOT DICTATE THE CITY OF KINGMAN'S FINAL DETERMINATION AS TO THE ACCEPTABILITY OF THE PLANS, NOR SHALL IT PREVENT THE CITY OF KINGMAN FROM REQUIRING ERRORS AND OMISSIONS, AS FOUND ON PLANS, BE ADDRESSED BY DEVELOPER(S)/CONTRACTOR(S). WHERE SUCH ERRORS AND OMISSIONS CAUSE THE PLANS TO BE IN VIOLATION OF OR INADEQUATE UNDER APPLICABLE FEDERAL/STATE/COUNTY/LOCAL CODES, ORDINANCES, REGULATIONS, OR OTHER LAWS. THIS REVIEWED AND STAMPED SET OF PLANS MUST BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.
- ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR IS TO NOTIFY THE PUBLIC THAT WILL BE AFFECTED BY ANY SHUTDOWNS A MINIMUM OF 48 HOURS IN ADVANCE.
- A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION FROM ANY UNDERGROUND UTILITY SHALL BE PROVIDED FOR SEWER MAINS AND WATER MAINS. THE MINIMUM HORIZONTAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN OR WATER MAIN TO OUTSIDE OF UNDERGROUND UTILITY.
- A ONE (1) FOOT MINIMUM VERTICAL SEPARATION FROM ANY DRY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS, AND WATER SERVICES. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN, SEWER SERVICE, WATER MAIN OR WATER SERVICE TO OUTSIDE OF DRY UNDERGROUND UTILITY.
- A TWO (2) FOOT MINIMUM VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN ANY SEWER MAIN AND STORM DRAIN CROSSING A WATER MAIN. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF WATER MAIN TO OUTSIDE OF SEWER MAIN OR STORM DRAIN MAIN. SEE CITY OF KINGMAN STANDARD DETAIL 404 FOR ADDITIONAL INFORMATION AND/OR PROVISIONS FOR CLEARANCE.
- EXCEPTIONS OR DEVIATIONS FROM THE ABOVE MINIMUM CLEARANCES MUST BE APPROVED AND SHOWN ON THE APPROVED WATER AND SEWER PLANS. WHEN UTILITY CONFLICTS ARE FOUND DURING CONSTRUCTION, ALL CHANGES AND REVISIONS MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
- ANY AND ALL MORE STRINGENT REQUIREMENTS REQUIRED BY FEDERAL, STATE, COUNTY, OR LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- WATER SERVICES SHALL BE INSTALLED PERPENDICULAR TO THE WATER MAIN. WATER SERVICES AT THE END OF CUL-DE-SACS MAY VARY AS NECESSARY.
- ALL SERVICES SHALL RUN IN A STRAIGHT LINE FROM THE WATER MAIN TO THE METER BOX.
- NEITHER WATER SERVICE METER BOX NOR ANY PORTION OF A WATER SERVICE SHALL BE INSTALLED UNDER AN EXISTING OR PROPOSED DRIVEWAY OR SIDEWALK RAMP.
- CONCRETE OR ASPHALT DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED AND REPLACED IN KIND PRIOR TO FINAL INSPECTION.
- PLAN APPROVAL IS VALID FOR ONE YEAR.

SEWER SPECIFICATIONS

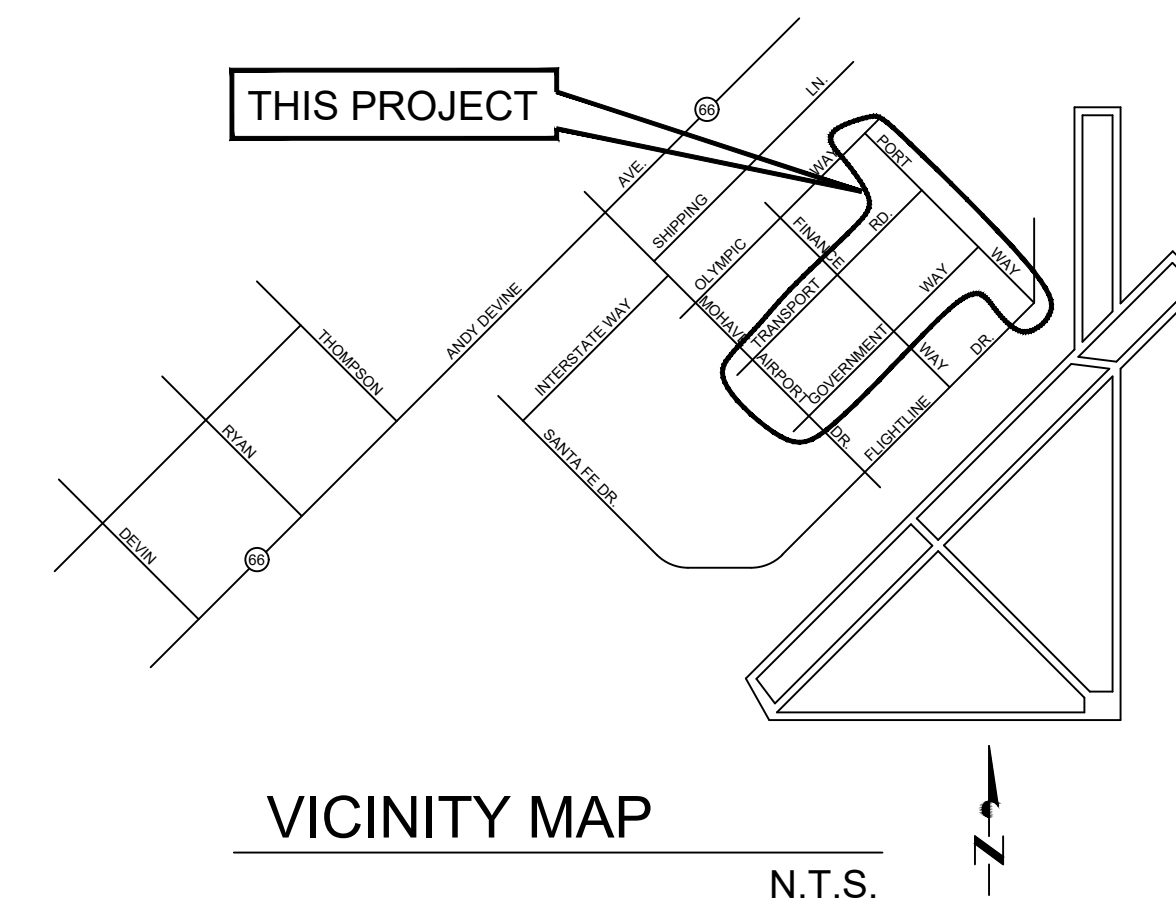
- ENGINEERING DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE (928) 753-8195.
- ANY SEWER MAIN OR STORM DRAIN 24" IN DEPTH, OR GREATER, REQUIRES 5" MANHOLES.
- ALL CONSTRUCTION TO CONFORM TO M.A.G. SPECIFICATIONS AND DETAILS AND CITY OF KINGMAN SUPPLEMENT TO M.A.G. SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE PLANS.
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- CONCRETE OR ASPHALT DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED AND REPLACED IN KIND PRIOR TO FINAL INSPECTION.
- PLAN APPROVAL IS VALID FOR ONE YEAR.

PAVING PLANS

FOR

KINGMAN MUNICIPAL AIRPORT INDUSTRIAL PARK

KINGMAN, MOHAVE COUNTY, ARIZONA



SITE AREA
GROSS AREA OF SITE: 216,586 S.F. (4.972 AC.)

LEGAL DESCRIPTION
A PORTION OF THE EAST HALF OF SECTION 26, TOWNSHIP 22 N, RANGE 16 W, OF THE GILA AND SLAT RIVER BASE AND MERIDIAN, MOHAVE COUNTY, ARIZONA

ELEVATION BENCHMARK
THE ELEVATION BENCHMARKS FOR THIS PROJECT ARE:
COK BM#105 (NGVD29 ELEV: 3365.87)
COK BM#106 (NGVD29 ELEV: 3373.89)
COK BM#112 (NGVD29 ELEV: 3364.54)
COK BM#113 (NGVD29 ELEV: 3372.22)
COK BM#116 (NGVD29 ELEV: 3362.15)
COK BM#117 (NGVD29 ELEV: 3369.17)
COK BM#118 (NGVD29 ELEV: 3375.38)
BENCHMARKS ARE DESCRIBED AS BRASS DISK ON IRON PIN.

SHEET INDEX

SHEET #	ID	DESCRIPTION
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5 OF 12	C1.05	PLAN AND PROFILE - GOVERNMENT WAY
6 OF 12	C1.06	PLAN AND PROFILE - GOVERNMENT WAY
7 OF 12	C1.07	PLAN AND PROFILE - PORT WAY
8 OF 12	C1.08	PLAN AND PROFILE - PORT WAY
9 OF 12	C1.09	PLAN AND PROFILE - PORT WAY
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11 OF 12	C1.11	SECTIONS AND DETAILS
12 OF 12	C1.12	HORIZONTAL CONTROL

LEGEND

---	CONSTRUCTION CENTERLINE	
---	PROPERTY LINE	
---	EASEMENT LINE	
---	OHE	OVER HEAD ELECTRIC
---	EXISTING DIRT ROAD	
---	EXISTING WATER LINE	
---	EXISTING SEWER LINE	
---	SURFACE FLOWLINE	
---	EXISTING CONTOUR	
---	PROPOSED CONTOUR	
---	EXISTING FENCE	
□	MAIL BOX	
□	FIRE HYDRANT	
□	SANITARY SEWER MANHOLE	
□	POWER POLE	
□	GUY WIRE	
□	STREET SIGN	
□	BRASS CAP SURVEY MONUMENT	
□	LIGHT POLE	
□	WATER VALVE	
→	FLOW DIRECTION	
□	WATER METER	
□	PAVEMENT	
□	CONCRETE	

ABBREVIATION

H.P.	HIGH POINT
L.P.	LOW POINT
B.V.C.S.	BEGIN VERTICAL CURVE STATION
B.V.C.E.	BEGIN VERTICAL CURVE ELEVATION
E.V.C.S.	END VERTICAL CURVE STATION
E.V.C.E.	END VERTICAL CURVE ELEVATION
ELEV.	ELEVATION
STA.	STATION
BCR	BEGIN CURVE RETURN
ECR	END CURVE RETURN
G.B.	GRADE BREAK
FL	SURFACE FLOW LINE
C	CONCRETE PAVEMENT
EX	EXISTING
FC	FACE OF CURB
FD	FOUND
FFE	FINISHED FLOOR ELEVATION
G	GUTTER GRADE
TC	TOP OF CURB GRADE
GR	GRATE
OH	OVERHEAD UTILITY LINES
P	ASPHALT PAVEMENT
ROW	RIGHT OF WAY
SF	SQUARE FEET
SW	TOP OF SIDEWALK
WV	WATER VALVE

RIGHT-OF-WAY IMPROVEMENTS ESTIMATED QUANTITIES

ITEM:	TRANSPORT DR	GOVERNMENT WAY	PORT WAY
DRIVEWAY - CONCRETE	1,434 S.F.	N/A	871 S.F.
DRIVEWAY - MILLINGS	N/A	1,165 S.F.	2,155 S.F.
ASPHALT PAVEMENT (R&R)	2,586 S.F.	2,586 S.F.	3,148 S.F.
CONCRETE VALLEY GUTTER	144 S.F.	144 S.F.	591 S.F.
STREET SIGN (R&R)	1 EACH	1 EACH	3 EACH
ADJUST WATER VALVE	2 EACH	0 EACH	4 EACH
ADJUST FIRE HYDRANT	2 EACH	0 EACH	2 EACH
EROSION CONTROL WATTLES	40 L.F.	50 L.F.	225 L.F.
ADJUST SEWER M.H. RIM	1 EACH	1 EACH	2 EACH
MAILBOX (RELOCATE)	0 EACH	2 EACH	0 EACH
GUY WIRE DOWN (RELOCATE)	0 EACH	2 EACH	0 EACH
1-1/2" WATER SERVICE	0 EACH	0 EACH	1 EACH
ASPHALT REMOVAL	1955 S.F.	1790 S.F.	1840 S.F.
CONCRETE REMOVAL	0 S.F.	0 S.F.	111 S.F.
REMOVE POST BOLLARD	8 EACH	0 EACH	0 EACH

AS-BUILT CERTIFICATION
I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION, OR AS NOTED, AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED ENGINEER _____ DATE _____
REGISTRATION NUMBER _____

WATER AND SEWER ONLY
APPROVED FOR:
THE CITY OF KINGMAN
Nathan Cottrell
CITY ENGINEER (OR DESIGNEE) 1/14/2021 DATE

ENGINEER
PRE-CEG
12409 W INDIAN SCHOOL RD
AVONDALE, ARIZONA 85392
NATHAN.COTTRELL@DSAZ.COM
623.536.1993 x101

COVER SHEET
KINGMAN MUNICIPAL AIRPORT INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY:	ALB
CHECKED BY:	RAL
DATE:	11/23/20
SCALE:	AS NOTED
PROJECT #:	19-058
LAST MODIFIED:	
LAST MODIFIED BY:	



SHEET 1 OF 12
C1.01



- EXISTING SITE** Ⓢ
1. EXISTING PAVEMENT
 2. EXISTING CONCRETE
 3. EXISTING CONCRETE APRON
 4. EXISTING FENCE
 5. EXISTING DIRT ROAD OR DRIVE
 6. EXISTING MAILBOX
 7. RELOCATE EXISTING SIGN
-
- NEW CONSTRUCTION** #
1. NEW PAVEMENT.
 2. NEW CONCRETE DRIVEWAY.
 3. NEW 6" CONCRETE VALLEY GUTTER.
 4. 20'-0" TRANSITION FROM 24'-0" WIDE STREET TO EXISTING CONCRETE APRON.
 5. NEW MILLINGS.
 6. 2'-0" SAWCUT AT EXISTING PAVEMENT.

ENGINEER

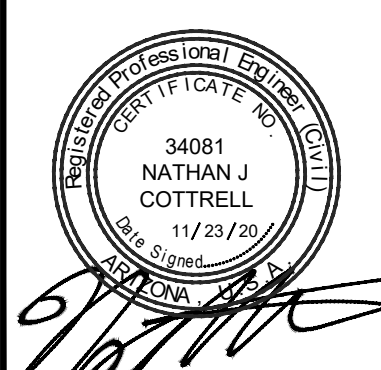
PRE-CEG
 12409 W INDIAN SCHOOL RD
 AVONDALE, ARIZONA 85392
 NATHAN.COTTRELL@KDSAZ.COM
 623.536.1993 x101

PROJECT OVERVIEW
KINGMAN MUNICIPAL AIRPORT INDUSTRIAL PARK
 KINGMAN, MOHAVE COUNTY, ARIZONA

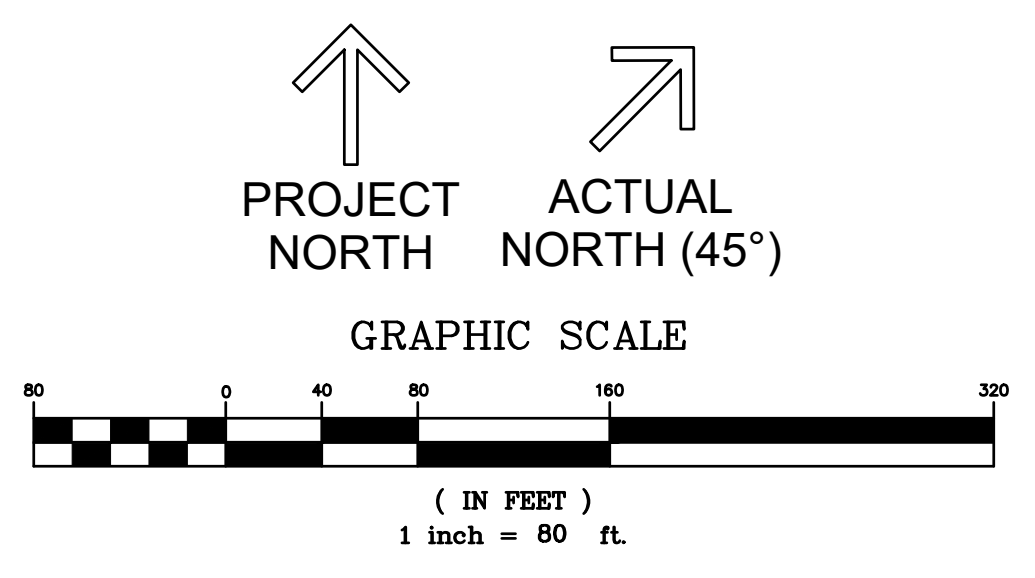
DRAWN BY:	ALB
CHECKED BY:	RAL
DATE:	11/23/20
SCALE:	AS NOTED
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LAST MODIFIED BY:	

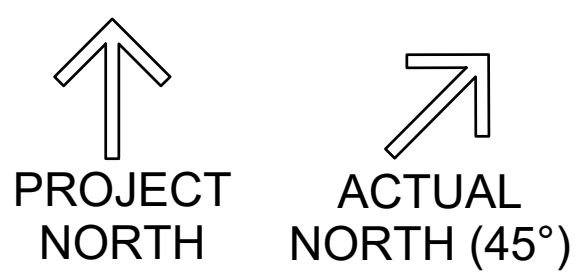
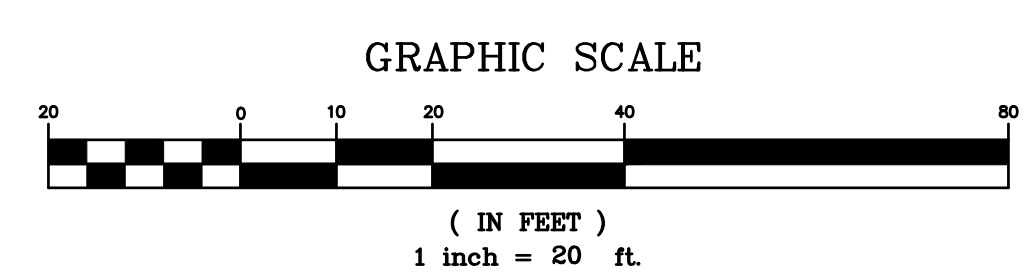
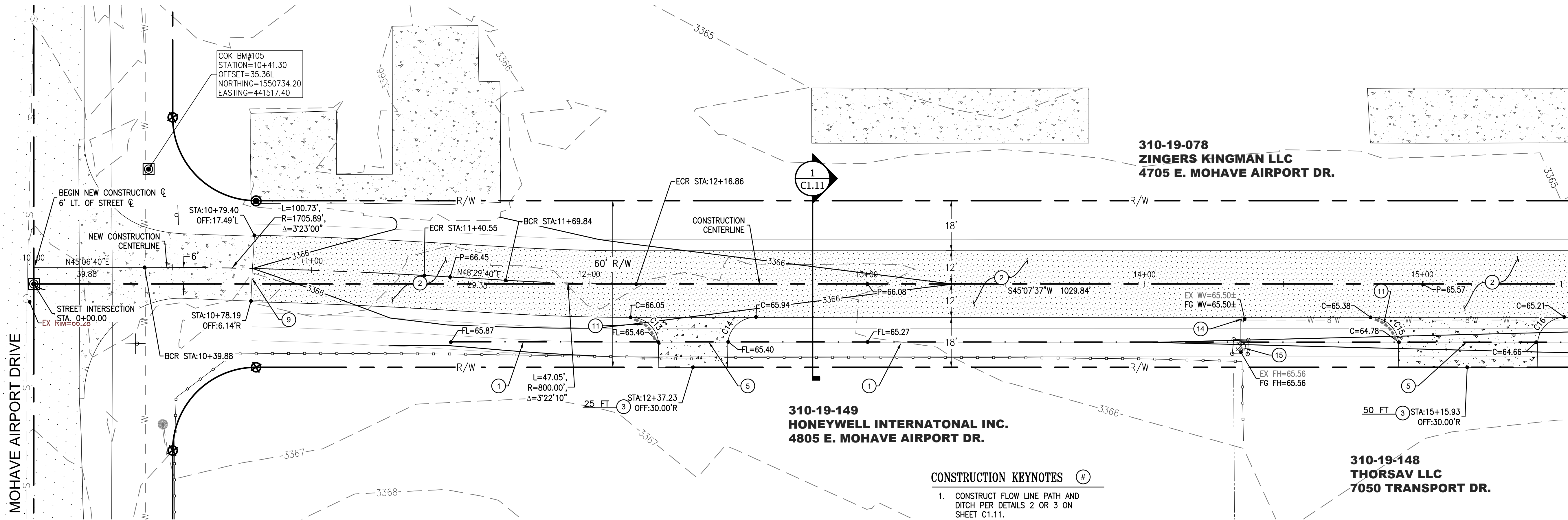
PRE-CEG

12409 W INDIAN SCHOOL RD., AVONDALE, AZ 85392
 PHONE: 623.536.1993 FAX: 623.746.9008



SHEET 2 OF 12
C1.02





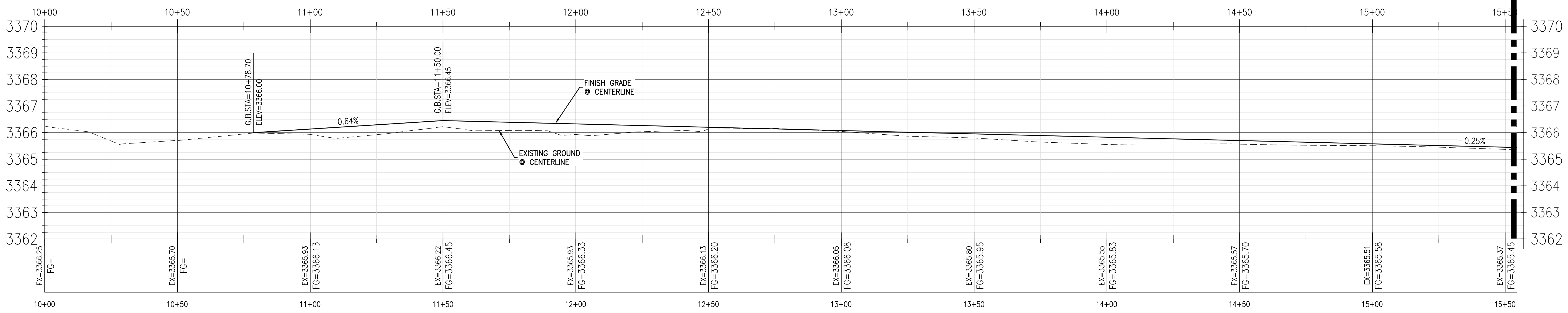
TRANSPORT DRIVE - PLAN
SCALE: 1"=20' HORIZ.

NOTE: CERTAIN AS-BUILTS INDICATE AN EXISTING MANHOLE IN TRANSPORT DRIVE IN THE VICINITY OF STATION 11+80 NEAR THE CENTERLINE OF THE ROAD. CONTRACTOR TO INVESTIGATE AND LOCATE EXISTING MANHOLE PRIOR TO CONSTRUCTION. COORDINATE FINDINGS WITH CITY ENGINEER.

CONSTRUCTION KEYNOTES #

1. CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
2. CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
3. CONSTRUCT NEW CONCRETE DRIVEWAY PER DETAIL 7 ON SHEET C1.11. WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW LINE.
5. FLOWLINE ACROSS DRIVEWAY AT 9 FEET FROM EDGE OF PAVEMENT.
9. CONCRETE TO ASPHALT CONNECTION.
11. INSTALL DRAINAGE EROSION CONTROL WATTLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
14. ADJUST EXISTING WATER VALVE BOX & COVER TO PROPOSED GRADE PER C.O.K. STD. DET. 391-1.
15. ADJUST EXISTING FIRE HYDRANT ABOVE FINISH GRADE PER C.O.K. STD. DTL. 360.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C13	15.82'	10.00	90°37'46"
C14	15.62'	10.00	89°28'09"
C15	15.87'	10.00	90°57'15"
C16	15.54'	10.00	89°02'45"



TRANSPORT DRIVE - PROFILE
SCALE: 1"=20' HORIZ.
1"=2' VERT.

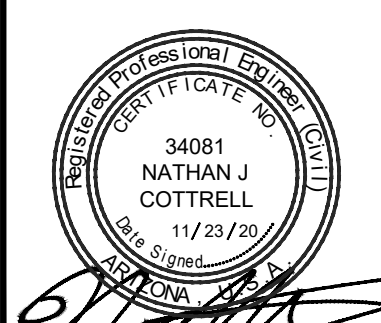
MATCH LINE - SEE SHEET C1.04 15+55

ENGINEER
PRE-CEG
12409 W INDIAN SCHOOL RD
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NATHAN.COTTRELL@KDSAZ.COM
623.536.1993 x101

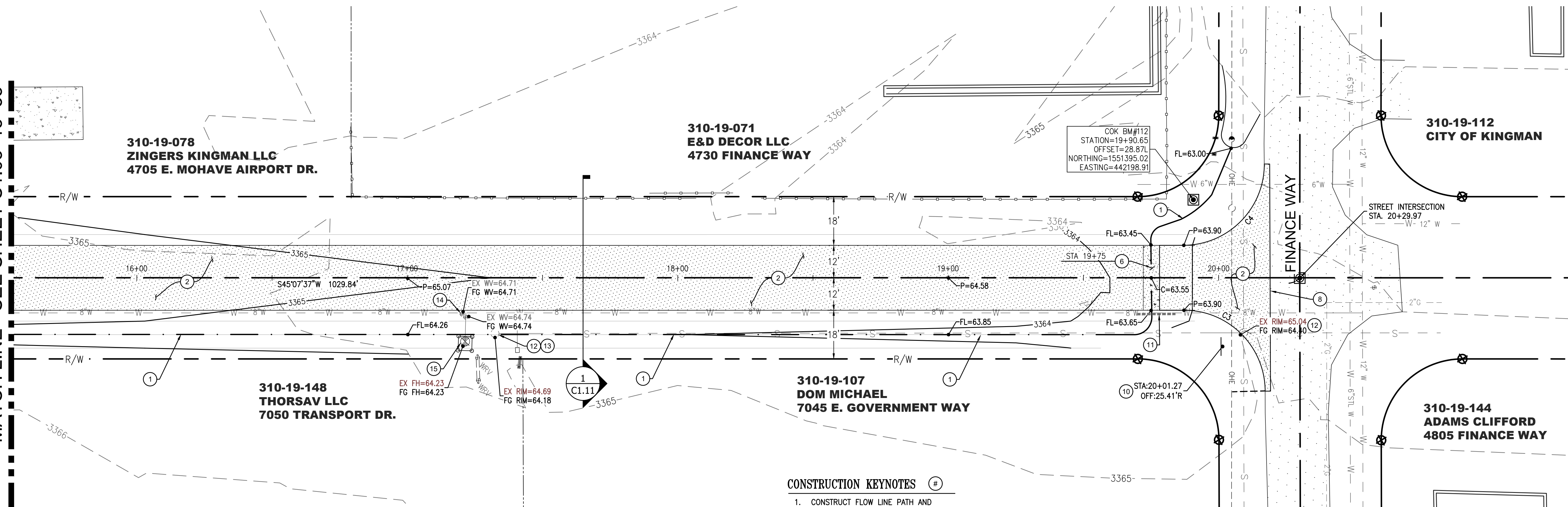
PLAN & PROFILE - TRANSPORT DRIVE
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
 KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
 CHECKED BY: RAL
 DATE: 11/23/20
 SCALE: AS NOTED
 PROJECT #: 19-058
 LAST MODIFIED: 11/23/20
 LAST MODIFIED BY:

PRE-CEG
 12409 W INDIAN SCHOOL RD., AVONDALE, AZ 85392
 PHONE: 623.536.1993 FAX: 623.746.8008



MATCH LINE - SEE SHEET C1.03 15+55



310-19-078
ZINGERS KINGMAN LLC
4705 E. MOHAVE AIRPORT DR.

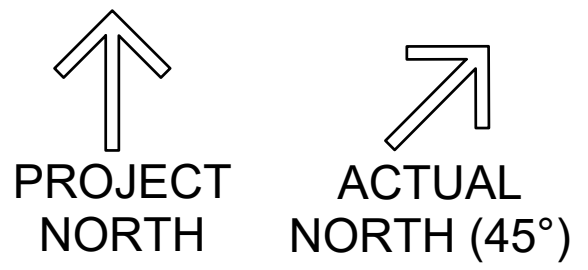
310-19-071
E&D DECOR LLC
4730 FINANCE WAY

310-19-112
CITY OF KINGMAN

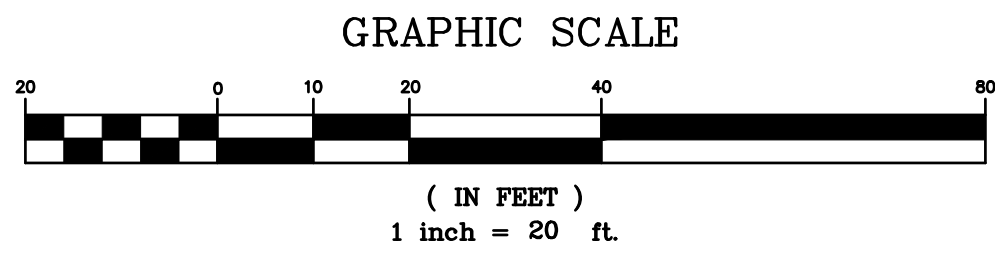
310-19-148
THORSAV LLC
7050 TRANSPORT DR.

310-19-107
DOM MICHAEL
7045 E. GOVERNMENT WAY

310-19-144
ADAMS CLIFFORD
4805 FINANCE WAY



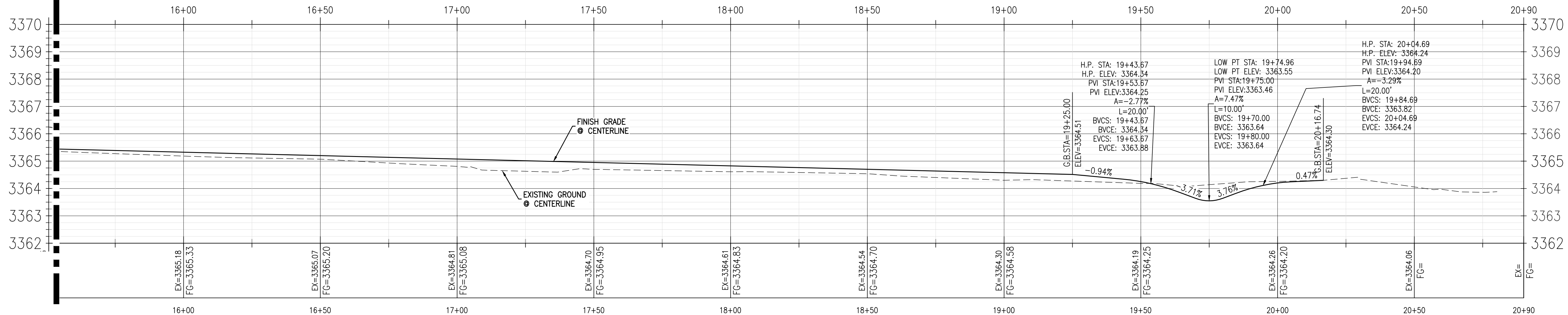
TRANSPORT DRIVE - PLAN
SCALE: 1"=20' HORIZ.



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- CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
- 6 FOOT CONCRETE VALLEY GUTTER PER DETAIL 4 ON SHEET C1.11.
- SAWCUT, TRIM, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT. MINIMUM SAWCUT WIDTH IS 2.0 FEET.
- INSTALL NEW STOP SIGN PER MC STD. DTL. 131-1. MOUNT SALVAGED STREET SIGN ONTO STOP SIGN PER MC STD. DTL. 132.
- INSTALL DRAINAGE EROSION CONTROL WATTLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
- ADJUST EXISTING SEWER MANHOLE RING AND COVER TO FINISH GRADE PER C.O.K. STD. DET. 422.
- FURNISH WITH WATERTIGHT FRAME AND COVER PER M.A.G. STD. DTL. 424-1.
- ADJUST EXISTING WATER VALVE BOX & COVER TO PROPOSED GRADE PER C.O.K. STD. DET. 391-1.
- ADJUST EXISTING FIRE HYDRANT ABOVE FINISH GRADE PER C.O.K. STD. DTL. 360.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C3	47.05'	30.00	89°51'58"
C4	46.94'	30.00	89°38'44"



TRANSPORT DRIVE - PROFILE
SCALE: 1"=20' HORIZ.
1"=2' VERT.

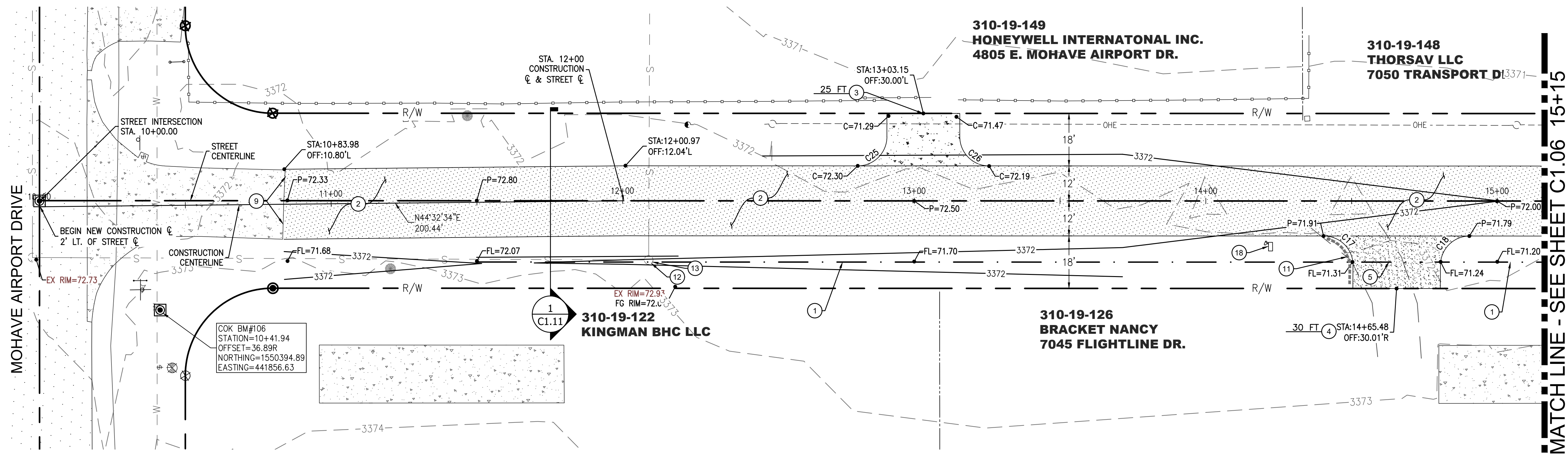
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PLAN & PROFILE - TRANSPORT DRIVE
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
CHECKED BY: RAL
DATE: 11/23/20
SCALE: AS NOTED
PROJECT #: 19-058
LAST MODIFIED: 11/23/20
LAST MODIFIED BY:

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11/23/20



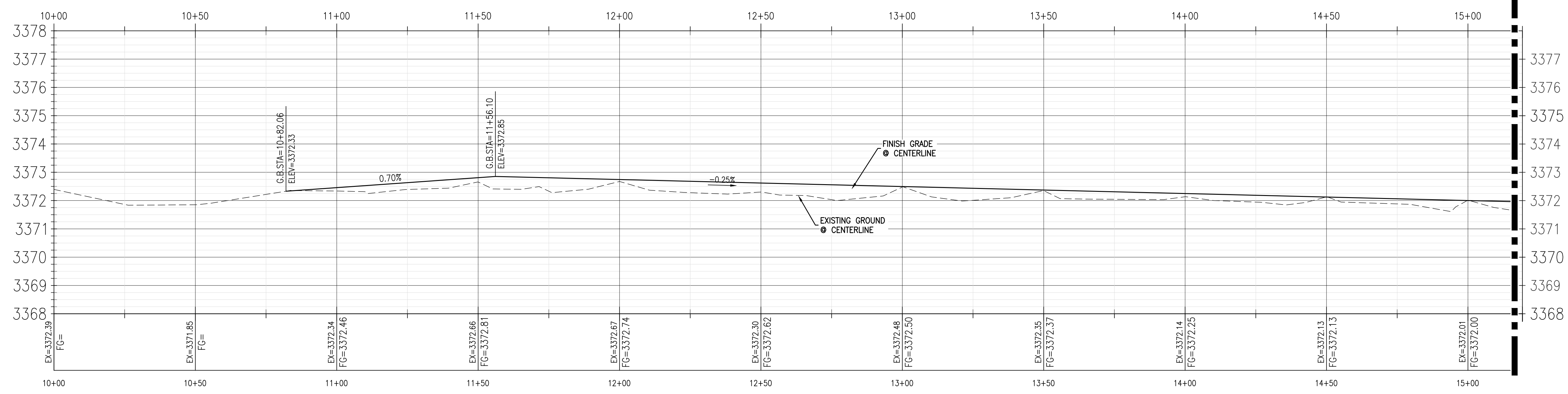
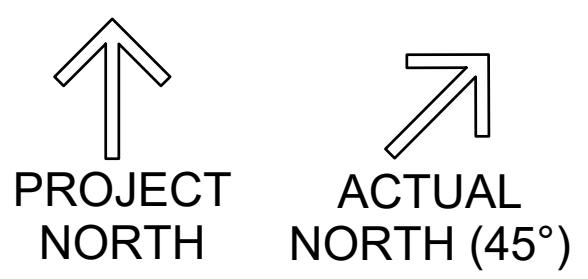
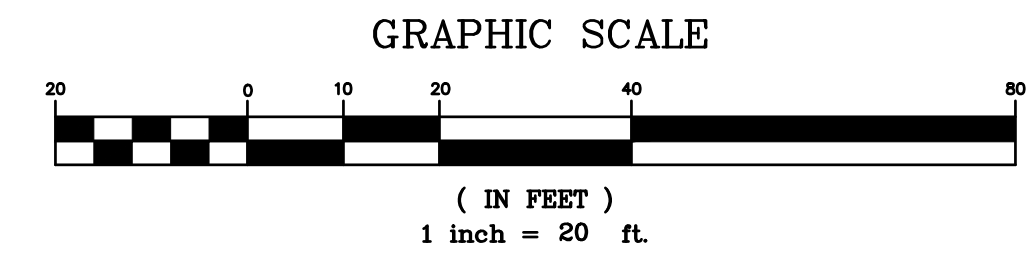
CONSTRUCTION KEYNOTES

1. CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
2. CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
3. CONSTRUCT NEW CONCRETE DRIVEWAY PER DETAIL 7 ON SHEET C1.11. WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW
4. CONSTRUCT NEW DRIVEWAY CONSISTING OF MILLINGS PER DETAIL 7 ON SHEET C1.11. WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW LINE.
5. FLOWLINE ACROSS DRIVEWAY AT 9 FEET FROM EDGE OF PAVEMENT.
9. CONCRETE TO ASPHALT CONNECTION.
11. INSTALL DRAINAGE EROSION CONTROL WATLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
12. ADJUST EXISTING SEWER MANHOLE RING AND COVER TO FINISH GRADE PER C.O.K. STD. DET. 422.
13. FURNISH WITH WATERTIGHT FRAME AND COVER PER M.A.G. STD. DTL. 424-1.
18. INSTALL SALVAGED MAILBOX ON NEW 2" DIA. STEEL POST IN 12" DIA. (24" DEEP MAX.) CONCRETE.

GOVERNMENT WAY - PLAN

SCALE: 1"=20' HORIZ.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C17	15.87'	10.00	90°57'15"
C18	15.54'	10.00	89°02'45"
C25	15.71'	10.00	90°00'00"
C26	15.71'	10.00	90°00'00"



GOVERNMENT WAY - PROFILE

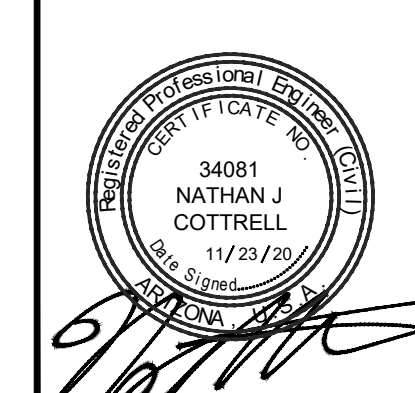
SCALE: 1"=20' HORIZ. 1"=2' VERT.

PLAN & PROFILE - GOVERNMENT WAY
KINGMAN MUNICIPAL AIRPORT INDUSTRIAL PARK
 KINGMAN, MOHAVE COUNTY, ARIZONA

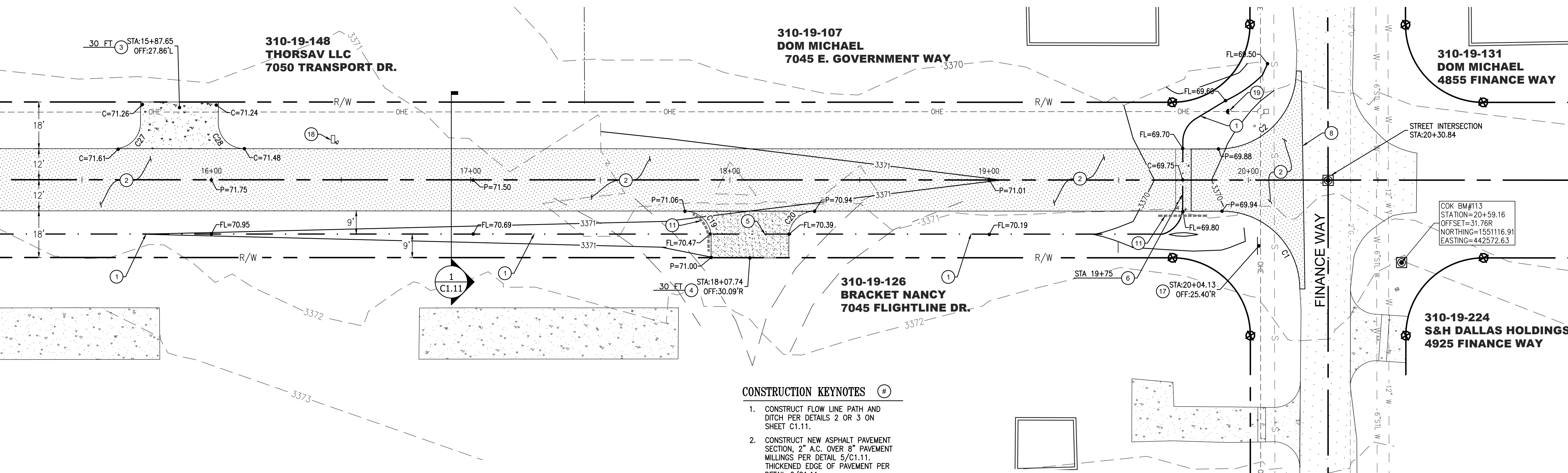
DRAWN BY:	ALB
CHECKED BY:	RAL
DATE:	11/23/20
SCALE:	AS NOTED
PROJECT #:	19-058
LAST MODIFIED:	
LAST MODIFIED BY:	

PRE-CEG

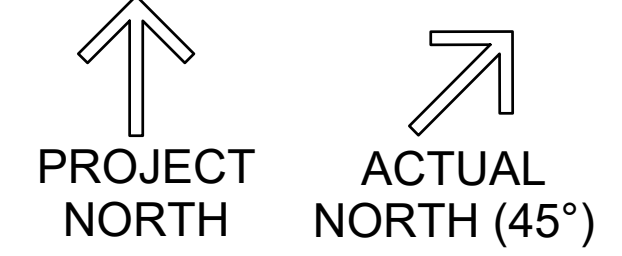
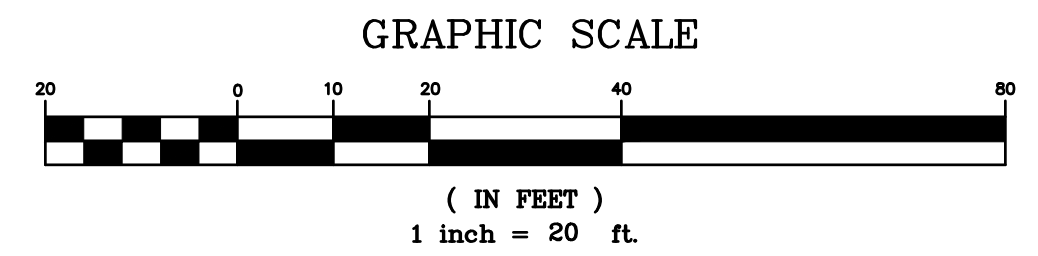
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MATCHLINE - SEE SHEET C1.05 15+15



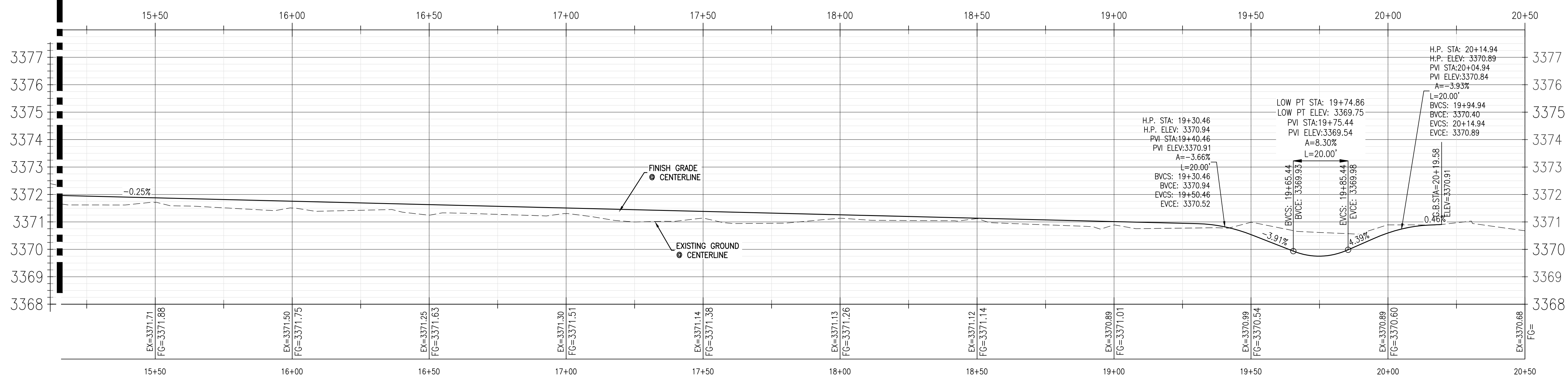
GOVERNMENT WAY - PLAN
SCALE: 1"=20' HORIZ.



CONSTRUCTION KEYNOTES

1. CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
2. CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
3. CONSTRUCT NEW DRIVEWAY CONSISTING OF MILLINGS PER DETAIL 7 ON SHEET C1.11, WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW LINE.
4. FLOWLINE ACROSS DRIVEWAY AT 9 FEET FROM EDGE OF PAVEMENT.
5. 6 FOOT CONCRETE VALLEY CUTTER PER DETAIL 4 ON SHEET C1.11.
6. REMOVE EXISTING WATER METER, SEE DEMOLITION PLAN.
7. SAWCUT, TRIM, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT. MINIMUM SAWCUT WIDTH IS 2.0 FEET.
8. INSTALL DRAINAGE EROSION CONTROL WATTLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
9. INSTALL SALVAGED STOP SIGN ONTO ANCHOR AND POST PER MC STD. DTL. 131-2. MOUNT SALVAGED STREET SIGN ONTO STOP SIGN PER MC STD. DTL. 132.
10. INSTALL SALVAGED MAILBOX ON NEW 2" DIA. STEEL POST IN 12" DIA. (24" DEEP MAX.) CONCRETE.
11. REMOVE AND RELOCATE EXISTING GUY DOWN. COORDINATE RELOCATION WITH UNISOURCE.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C1	47.12'	30.00	89°59'30"
C2	47.20'	30.00	90°09'14"
C19	15.87'	10.00	90°57'15"
C20	15.54'	10.00	89°02'45"
C27	15.54'	10.00	89°02'45"
C28	15.87'	10.00	90°57'15"



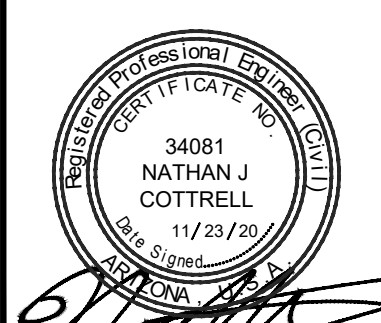
GOVERNMENT WAY - PROFILE
SCALE: 1"=20' HORIZ.
1"=2' VERT.

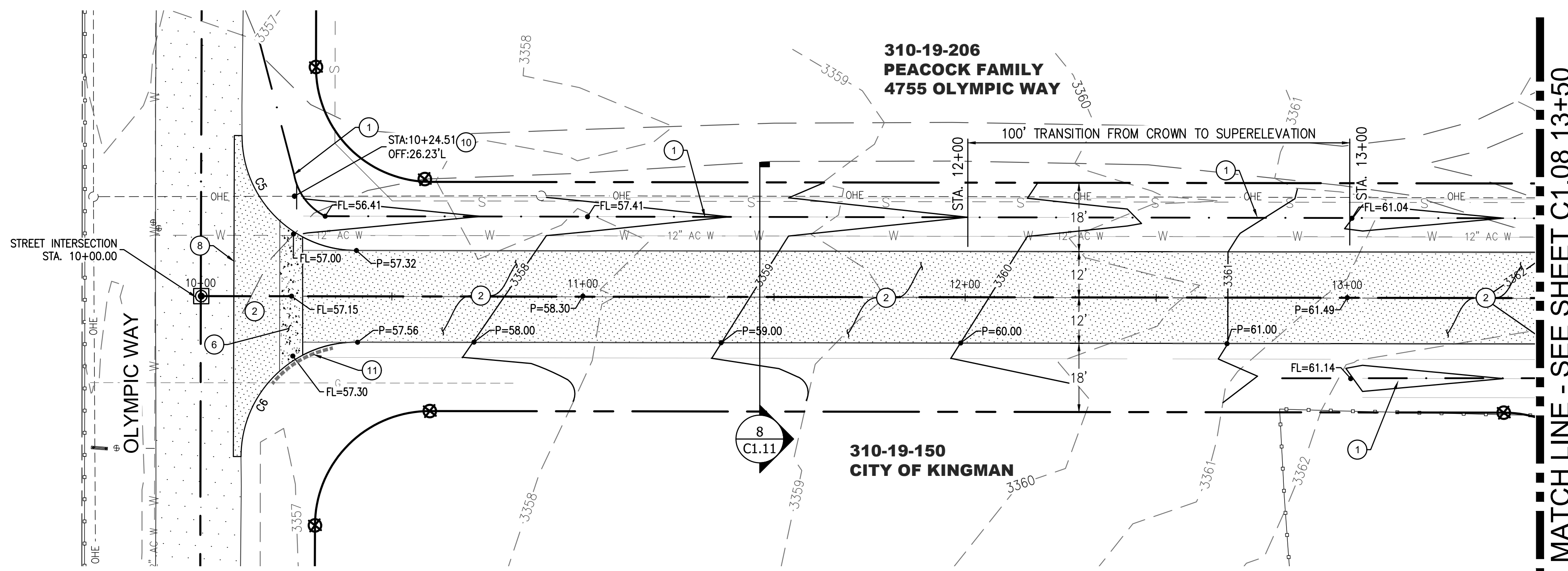
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PLAN & PROFILE - GOVERNMENT WAY
 KINGMAN MUNICIPAL AIRPORT
 INDUSTRIAL PARK
 KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
 CHECKED BY: RAL
 DATE: 11/23/20
 SCALE: AS NOTED
 PROJECT #: 19-058
 LAST MODIFIED: 11/23/20
 LAST MODIFIED BY:

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PORT WAY - PLAN

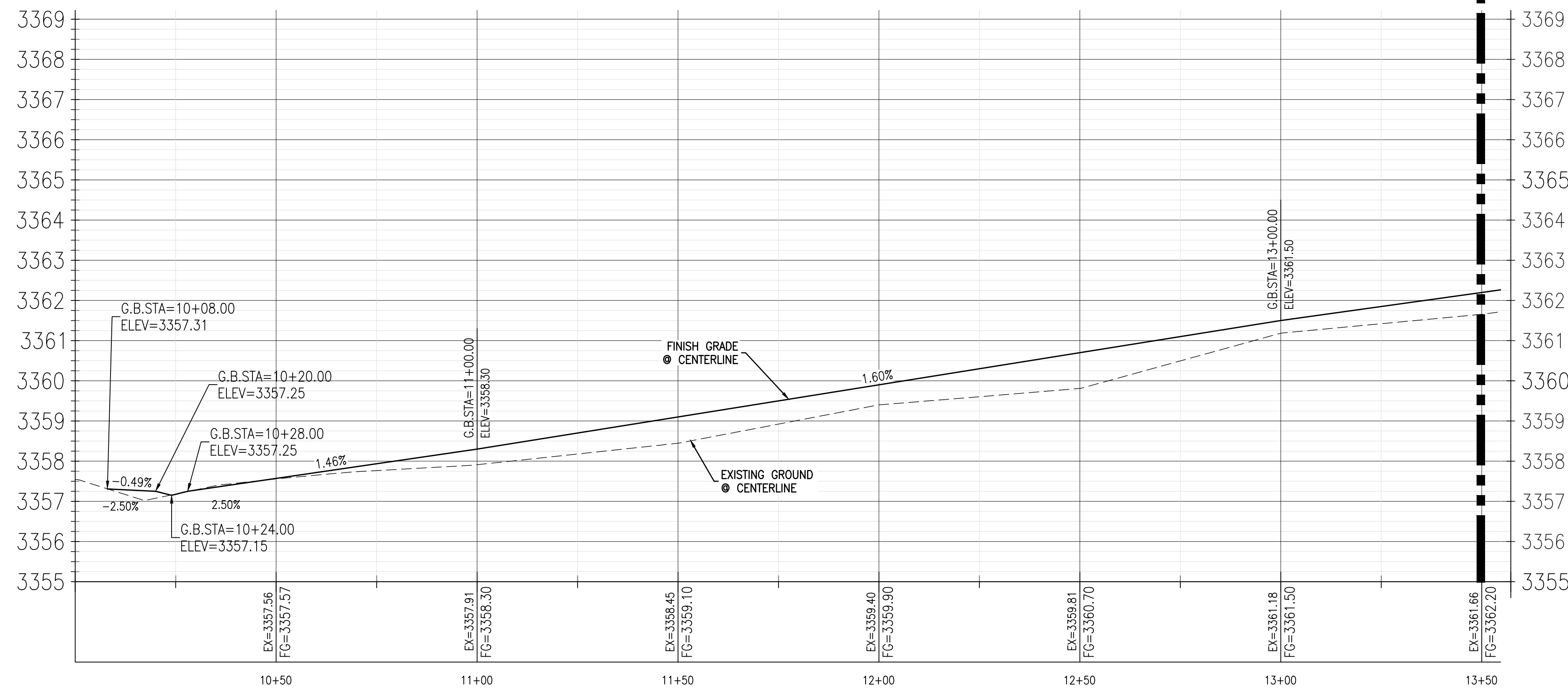
SCALE: 1"=20' HORIZ.

PROJECT NORTH
ACTUAL NORTH (45°)

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.



PORT WAY - PROFILE

SCALE: 1"=20' HORIZ.
1"=2' VERT.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C5	47.16'	30.03	89°58'55"
C6	47.09'	30.03	89°51'44"

CONSTRUCTION KEYNOTES #

1. CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
2. CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
6. 6 FOOT CONCRETE VALLEY CUTTER PER DETAIL 4 ON SHEET C1.11.
8. SAWCUT, TRIM, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT. MINIMUM SAWCUT WIDTH IS 2.0 FEET.
10. INSTALL NEW STOP SIGN PER MC STD. DTL. 131-1. MOUNT SALVAGED STREET SIGN ONTO STOP SIGN PER MC STD. DTL. 132.
11. INSTALL DRAINAGE EROSION CONTROL WATTLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.

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**PLAN & PROFILE - PORT WAY
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK**
KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
CHECKED BY: RAL
DATE: 11/23/20
SCALE: AS NOTED
PROJECT #: 19-058
LAST MODIFIED: 19-058
LAST MODIFIED BY:

PRE-CEG
12409 W INDIAN SCHOOL RD., AVONDALE, AZ 85392
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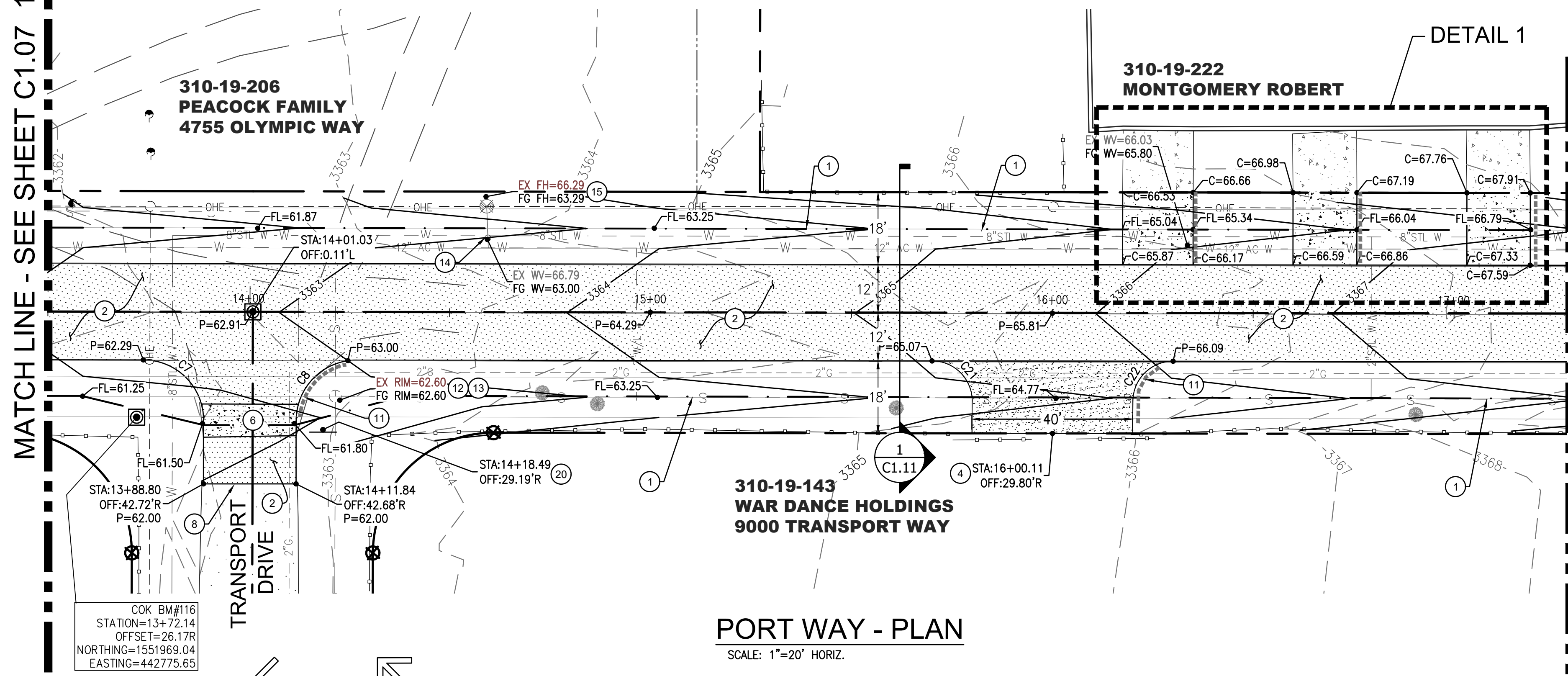
34081
NATHAN J
COTTRELL
11/23/20

SHEET 7 OF 12

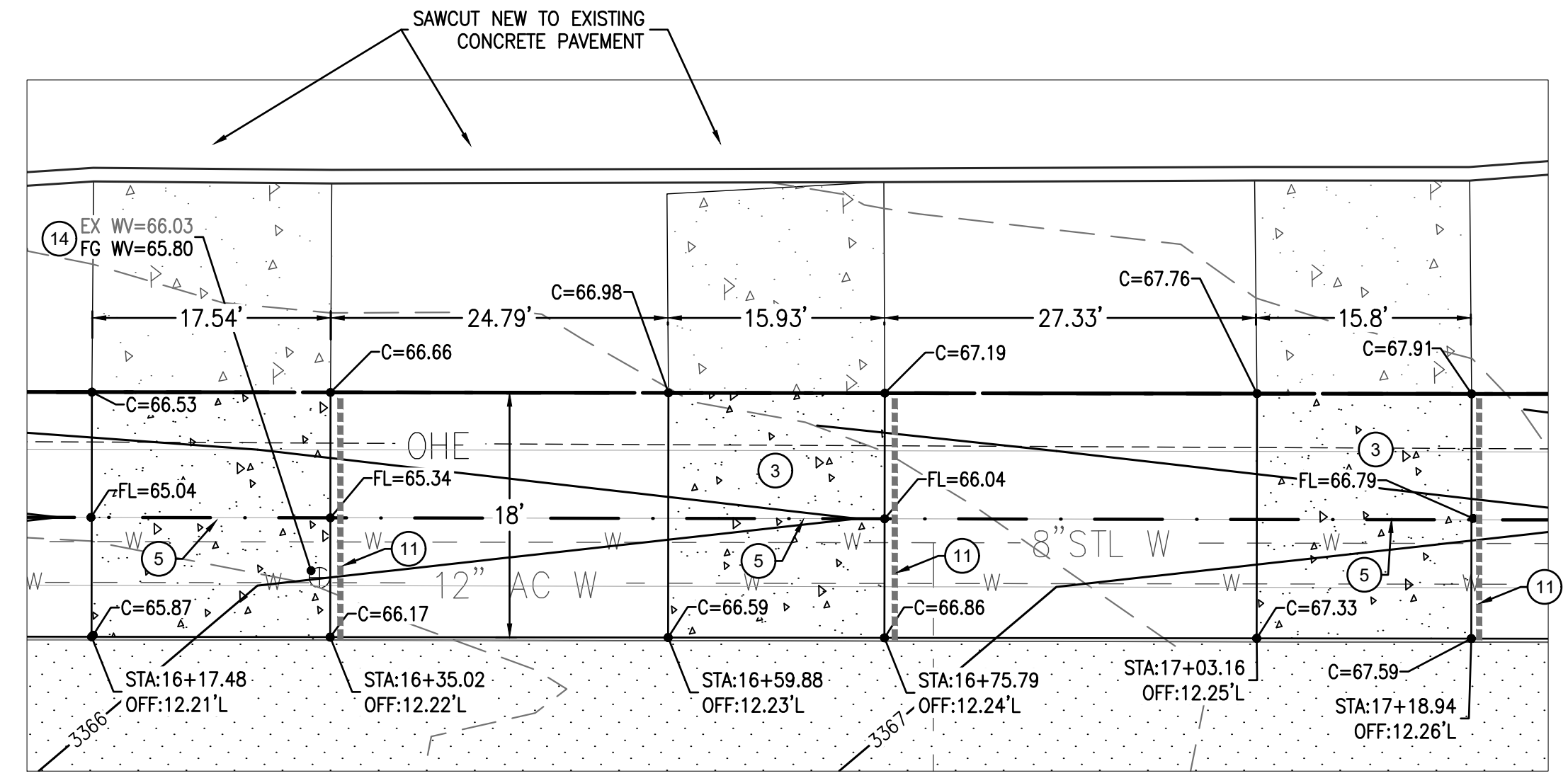
C1.07

MATCH LINE - SEE SHEET C1.07 13+50

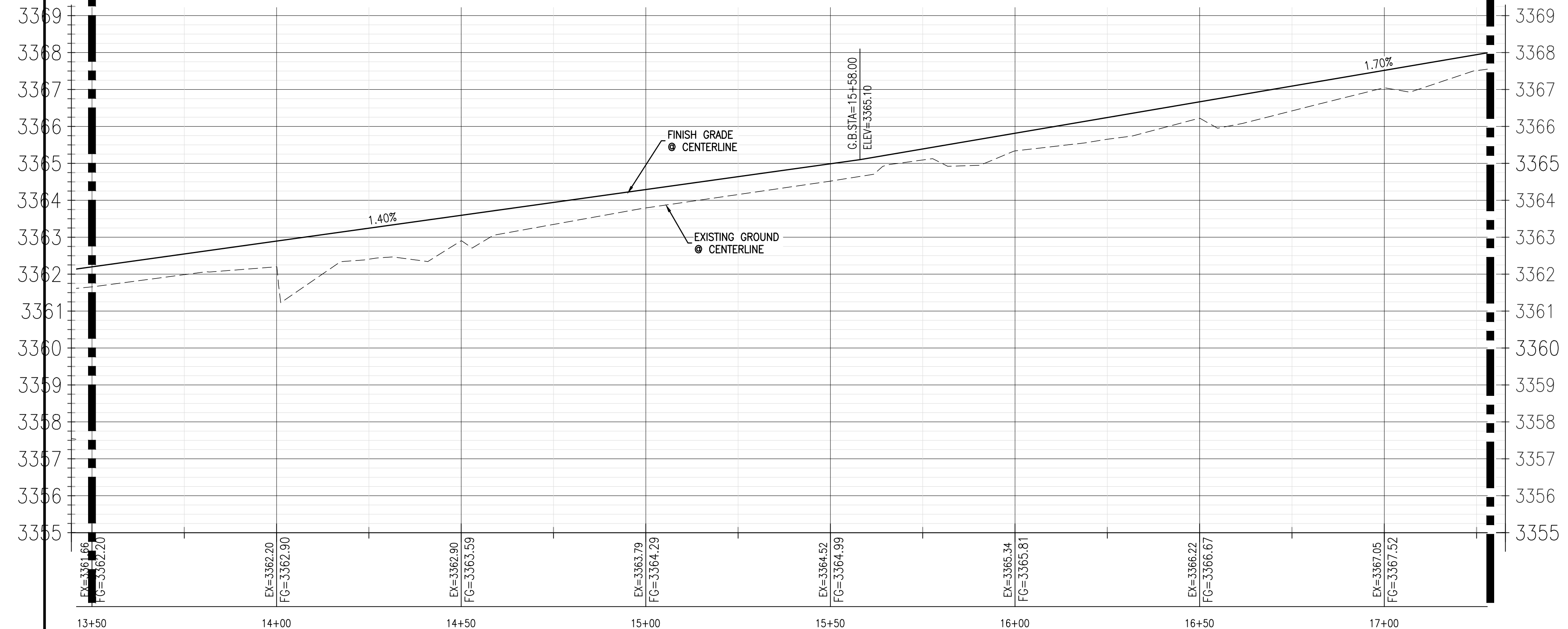
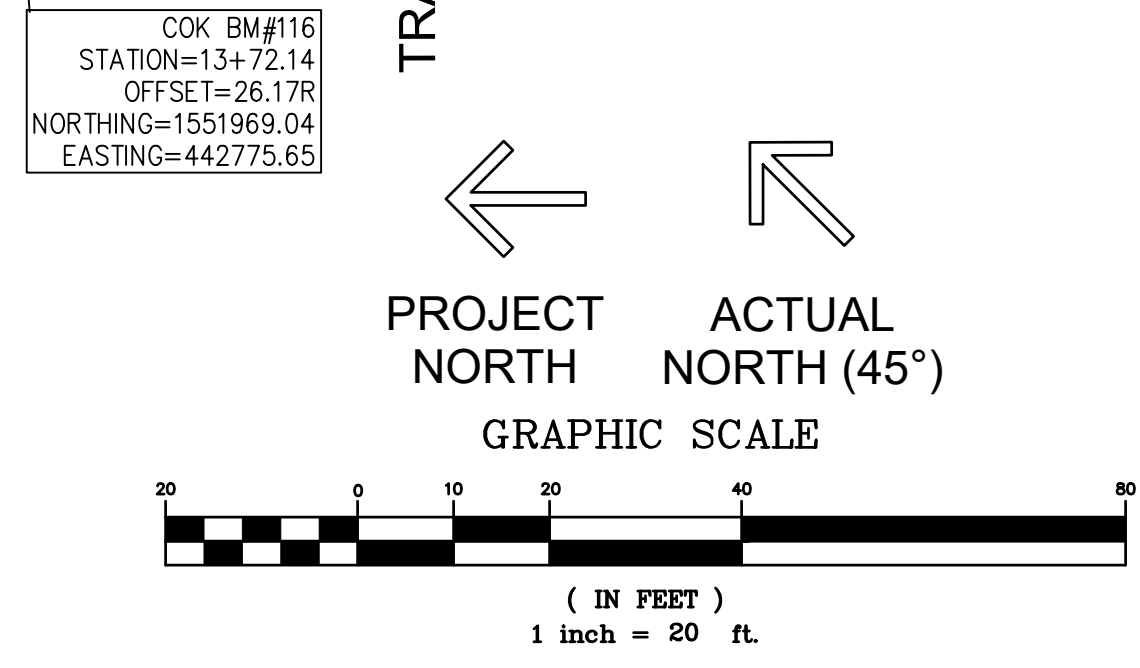
MATCH LINE - SEE SHEET C1.09 17+25



PORT WAY - PLAN
SCALE: 1"=20' HORIZ.



DETAIL 1
SCALE: 1"=10'



PORT WAY - PROFILE
SCALE: 1"=20' HORIZ.
1"=2' VERT.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C7	23.57'	15.00	90°00'56"
C8	23.55'	15.00	89°58'23"
C21	15.76'	10.00	90°19'32"
C22	15.65'	10.00	89°40'28"

CONSTRUCTION KEYNOTES #

- CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
- CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
- CONSTRUCT NEW DRIVEWAY CONSISTING OF MILLINGS PER DETAIL 7 ON SHEET C1.11, WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW LINE.
- FLOWLINE ACROSS DRIVEWAY AT 9 FEET FROM EDGE OF PAVEMENT.
- 6 FOOT CONCRETE VALLEY GUTTER PER DETAIL 4 ON SHEET C1.11.
- SAWCUT, TRIM, TACK AND JOIN PAVEMENT TO EXISTING PAVEMENT. MINIMUM SAWCUT WIDTH IS 2.0 FEET.
- INSTALL DRAINAGE EROSION CONTROL WATTLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
- ADJUST EXISTING SEWER MANHOLE RING AND COVER TO FINISH GRADE PER C.O.K. STD. DET. 422.
- FURNISH WITH WATERTIGHT FRAME AND COVER PER M.A.G. STD. DTL. 424-1.
- ADJUST EXISTING WATER VALVE BOX & COVER TO PROPOSED GRADE PER C.O.K. STD. DET. 391-1.
- ADJUST EXISTING FIRE HYDRANT ABOVE FINISH GRADE PER C.O.K. STD. DTL. 360.
- INSTALL R1-1 STOP SIGN AND POST PER MC DTL. 131-1 & 131-2.

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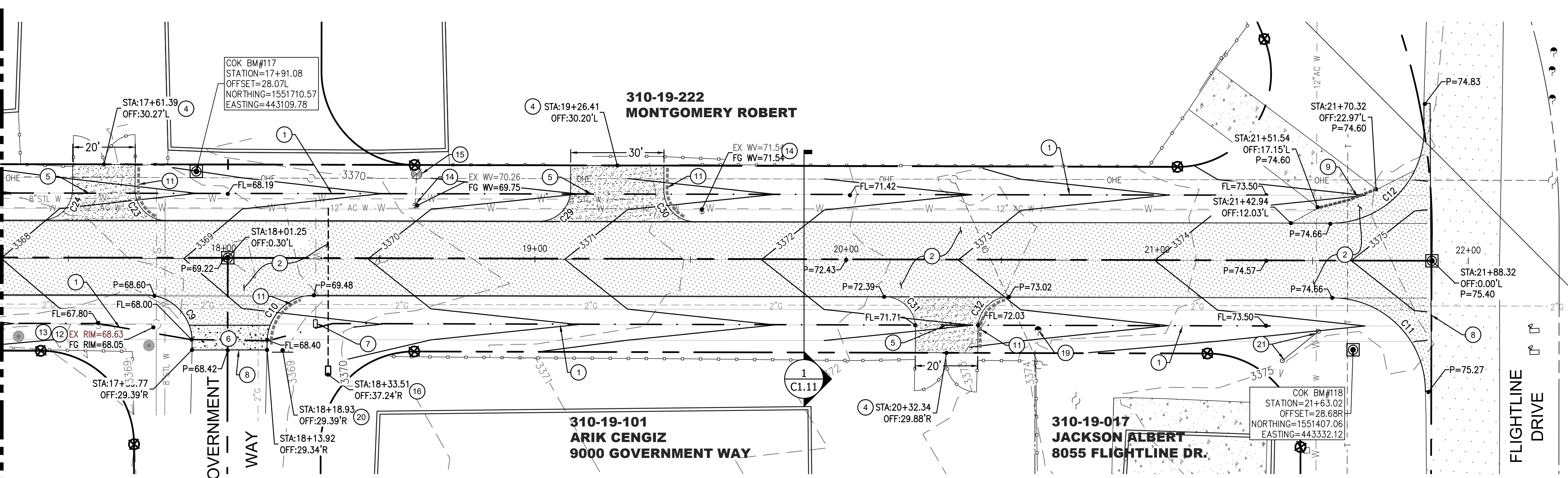
PLAN & PROFILE - PORT WAY
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
CHECKED BY: RAL
DATE: 11/23/20
SCALE: AS NOTED
PROJECT #: 19-058
LAST MODIFIED: 11/23/20
LAST MODIFIED BY:

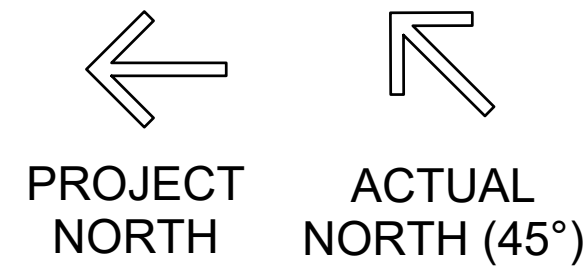
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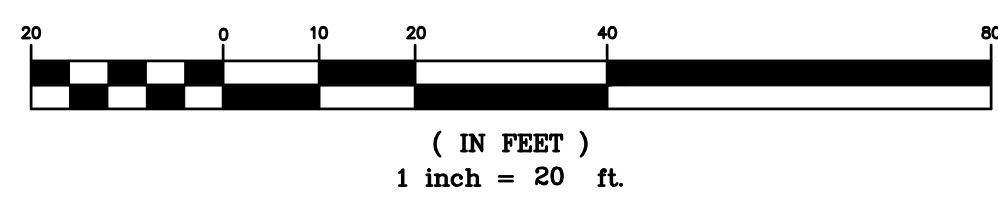
MATCH LINE - SEE SHEET C1.08 17+25



PORT WAY - PLAN
SCALE: 1"=20' HORIZ.



GRAPHIC SCALE

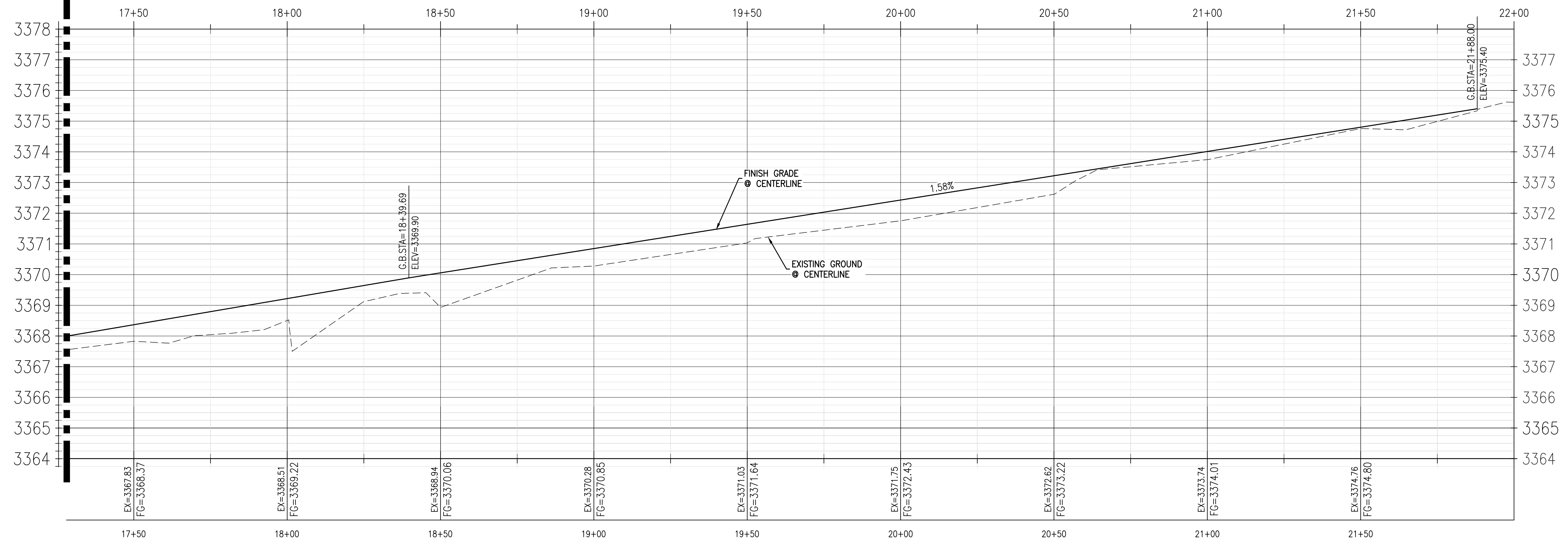


CONSTRUCTION KEYNOTES #

1. CONSTRUCT FLOW LINE PATH AND DITCH PER DETAILS 2 OR 3 ON SHEET C1.11.
2. CONSTRUCT NEW ASPHALT PAVEMENT SECTION, 2" A.C. OVER 8" PAVEMENT MILLINGS PER DETAIL 5/C1.11. THICKENED EDGE OF PAVEMENT PER DETAIL 6/C1.11.
4. CONSTRUCT NEW DRIVEWAY CONSISTING OF MILLINGS PER DETAIL 7 ON SHEET C1.11. WIDTH AND CENTERLINE STATION AS SHOWN. D/W TO EXTEND TO ROW LINE.
5. FLOWLINE ACROSS DRIVEWAY AT 9 FEET FROM EDGE OF PAVEMENT.
6. 6 FOOT CONCRETE VALLEY GUTTER PER DETAIL 4 ON SHEET C1.11.
8. SAWCUT, TRIM, TACK AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT. MINIMUM SAWCUT WIDTH IS 2.0 FEET.
9. CONCRETE TO ASPHALT CONNECTION.
11. INSTALL DRAINAGE EROSION CONTROL WATLES AT LOCATION SHOWN. SEE SHEET C1.11 FOR DETAIL.
12. ADJUST EXISTING SEWER MANHOLE RING AND COVER TO FINISH GRADE PER C.O.K. STD. DET. 422.
13. FURNISH WITH WATERTIGHT FRAME AND COVER PER M.A.G. STD. DTL. 424-1.
14. ADJUST EXISTING WATER VALVE BOX & COVER TO PROPOSED GRADE PER C.O.K. STD. DET. 391-1.
15. ADJUST EXISTING FIRE HYDRANT ABOVE FINISH GRADE PER C.O.K. STD. DTL. 360.
16. INSTALL 1-1/2" WATER SERVICE CONNECTION PER C.O.K. STD/ DET. 344-1. INSTALL SALVAGED 1" METER IN NEW METER BOX PER C.O.K. STD. DET. 320 AND CONNECT TO EXISTING WATER SERVICE LINE. NEW METER BOX LOCATION STATION AS SHOWN.
19. REMOVE AND RELOCATE EXISTING GUY DOWN. COORDINATE RELOCATION WITH UNISOURCE.
20. INSTALL R1-1 STOP SIGN AND POST PER MC DTL. 131-1 & 131-2.
21. EXISTING STOP SIGN AND STREET NAME SIGN. PROTECT IN PLACE DURING CONSTRUCTION.

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PLAN & PROFILE - PORT WAY
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

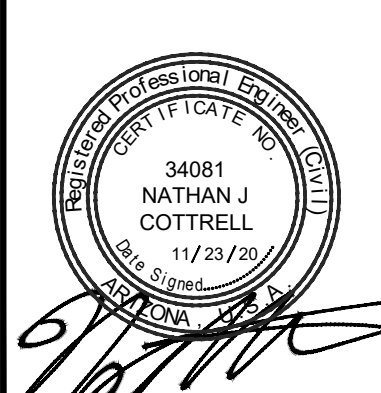


PORT WAY - PROFILE
SCALE: 1"=20' HORIZ.
1"=2' VERT.

CURVE TABLE			
CURVE#	LENGTH	RADIUS	DELTA
C9	23.40'	15.00	89°23'07"
C10	23.52'	15.00	89°50'40"
C11	46.90'	30.00	89°34'41"
C12	33.79'	30.00	64°31'34"
C23	15.87'	10.00	90°57'15"
C24	15.54'	10.00	89°02'45"
C29	15.54'	10.00	89°02'45"
C30	15.87'	10.00	90°57'15"
C31	15.87'	10.00	90°57'15"
C32	15.54'	10.00	89°02'45"

DRAWN BY: ALB
CHECKED BY: RAL
DATE: 11/23/20
SCALE: AS NOTED
PROJECT #: 19-058
LAST MODIFIED: 11/23/20
LAST MODIFIED BY:

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SHEET 9 OF 12
C1.09

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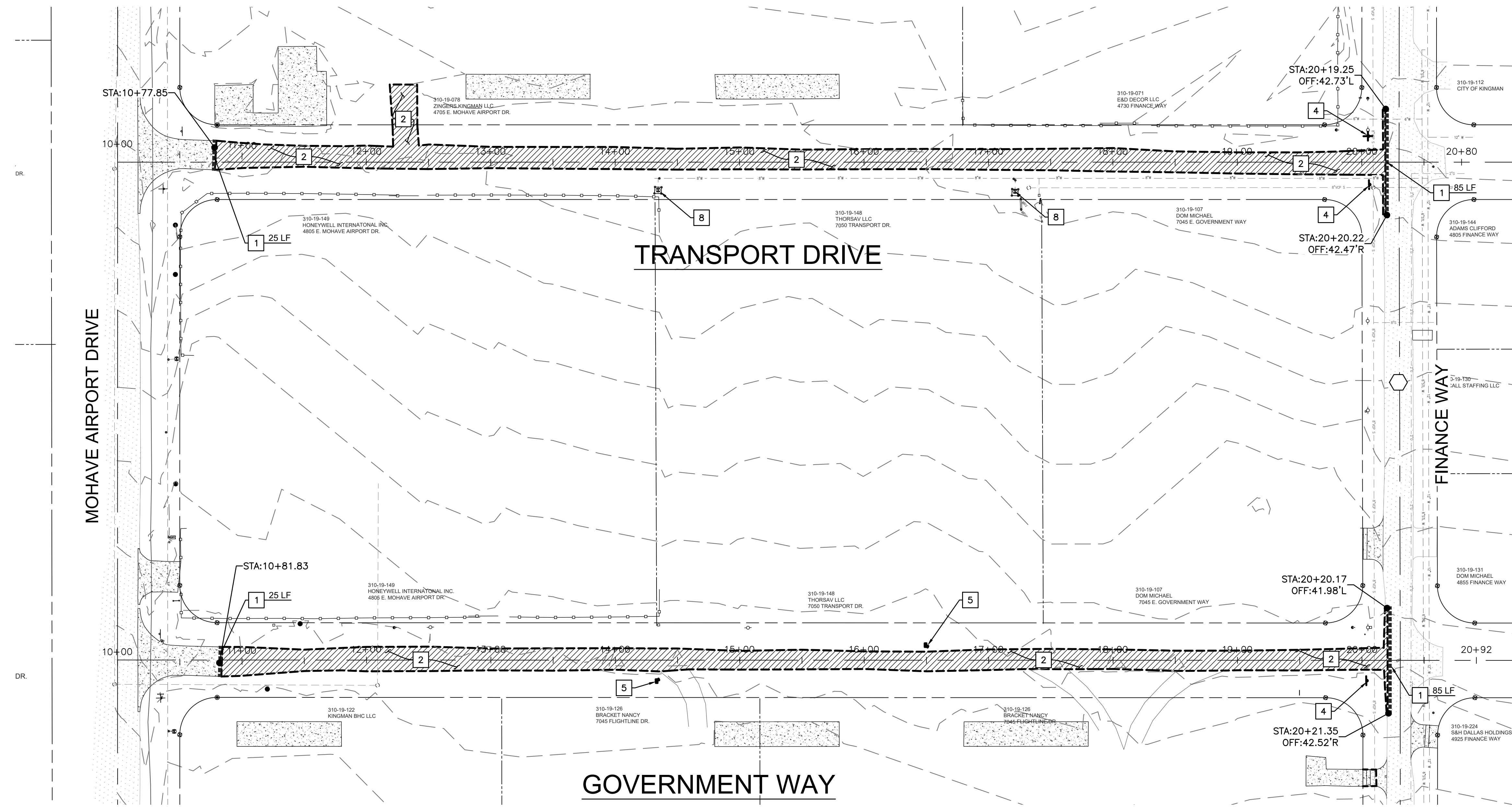
DEMOLITION PLAN
 KINGMAN MUNICIPAL AIRPORT
 INDUSTRIAL PARK
 KINGMAN, MOHAVE COUNTY, ARIZONA

DRAWN BY: ALB
 CHECKED BY: RAL
 DATE: 11/23/20
 SCALE: AS NOTED
 PROJECT #: 19-058
 LAST MODIFIED: 11/23/20
 LAST MODIFIED BY:

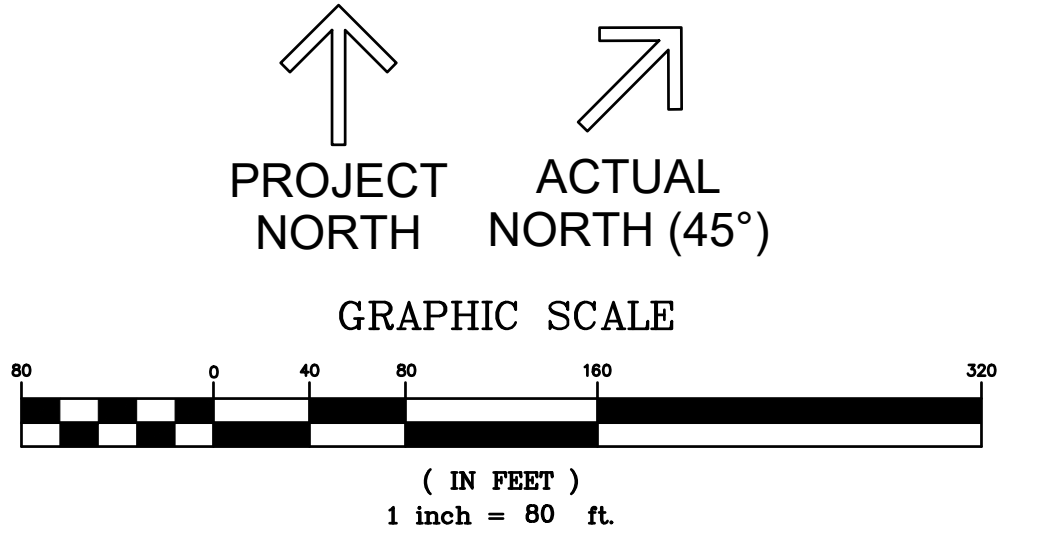
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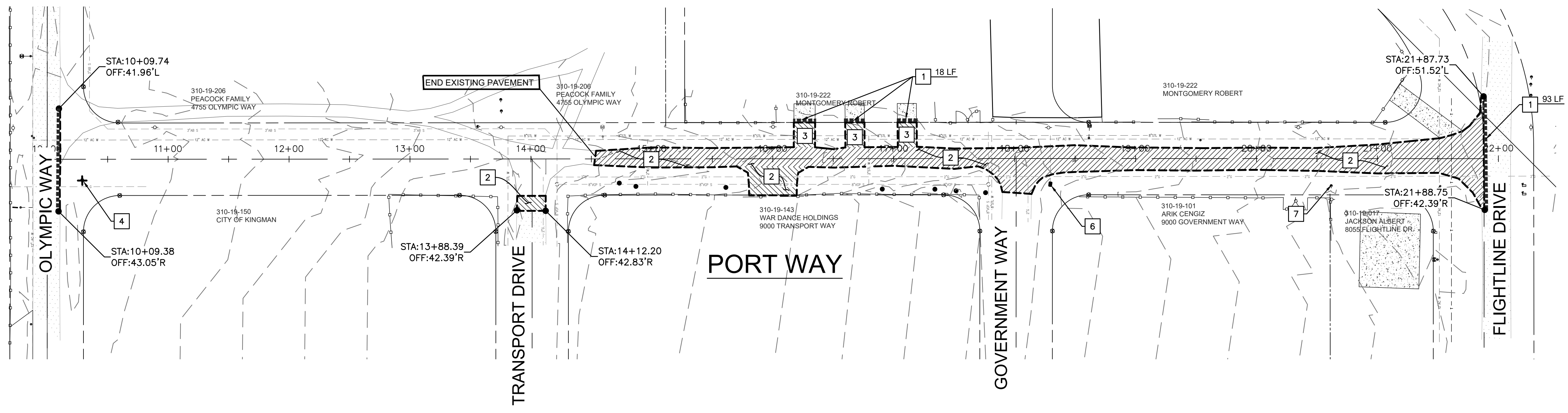
SHEET 10 OF 12
 C1.10



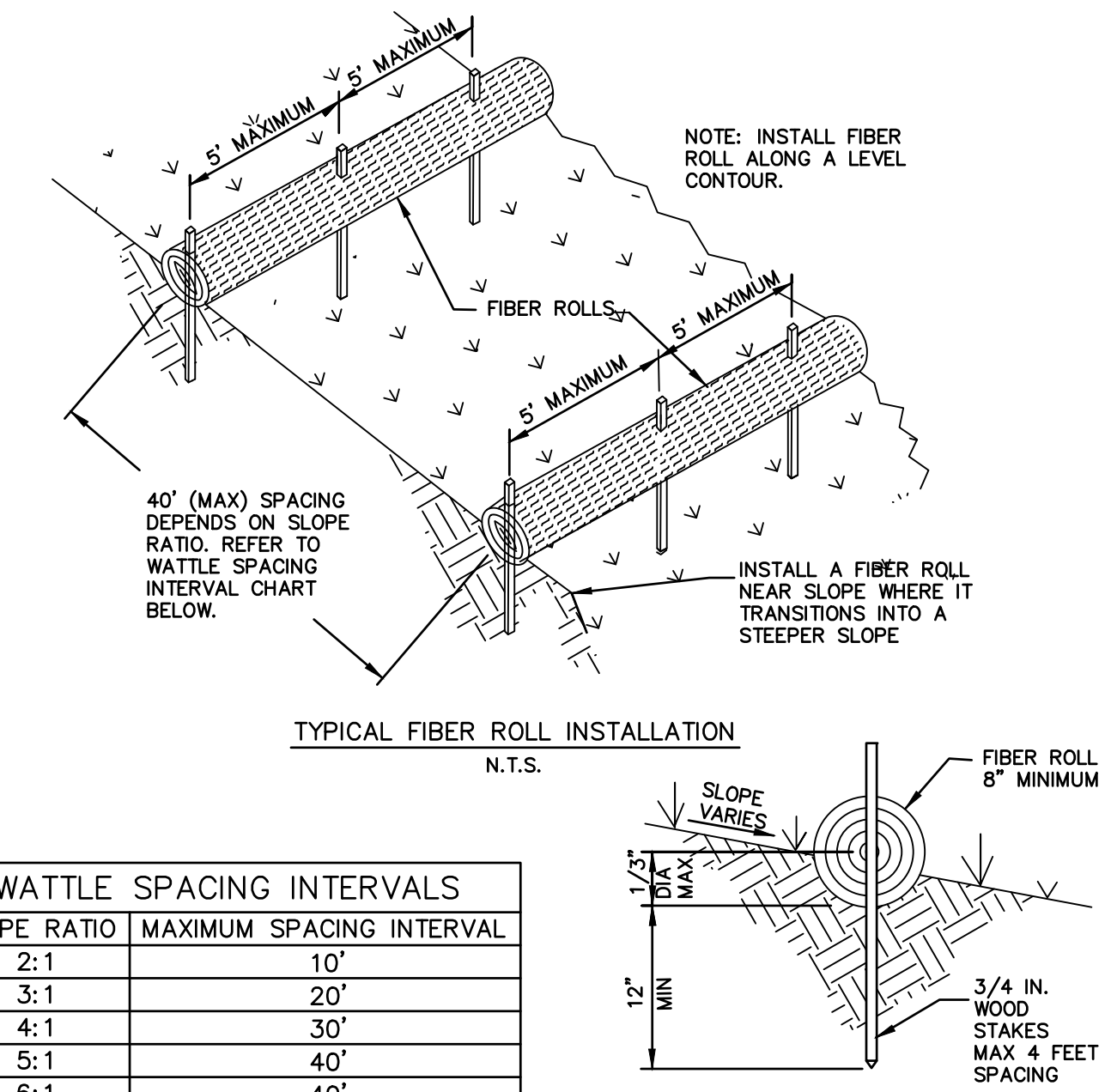
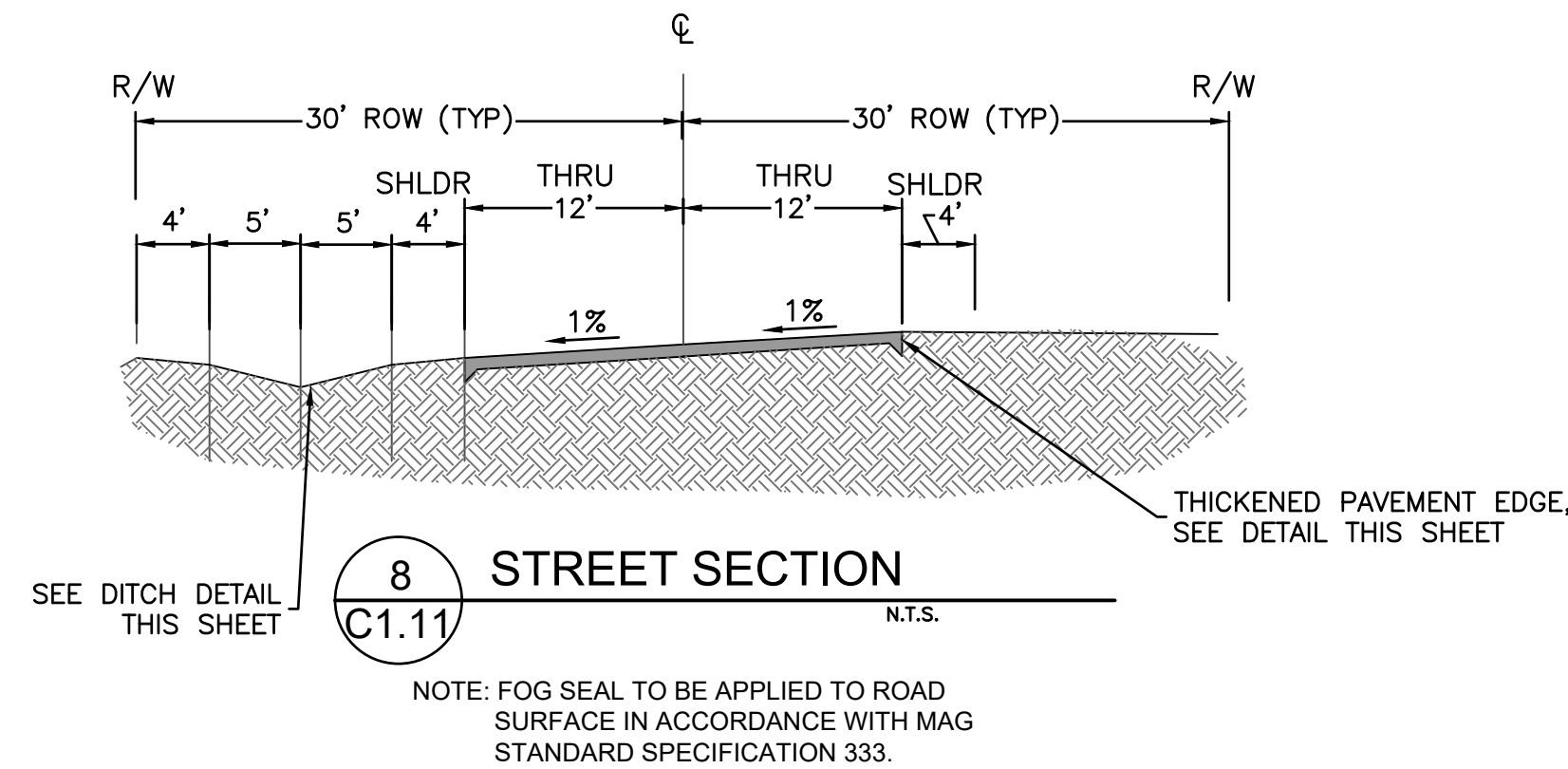
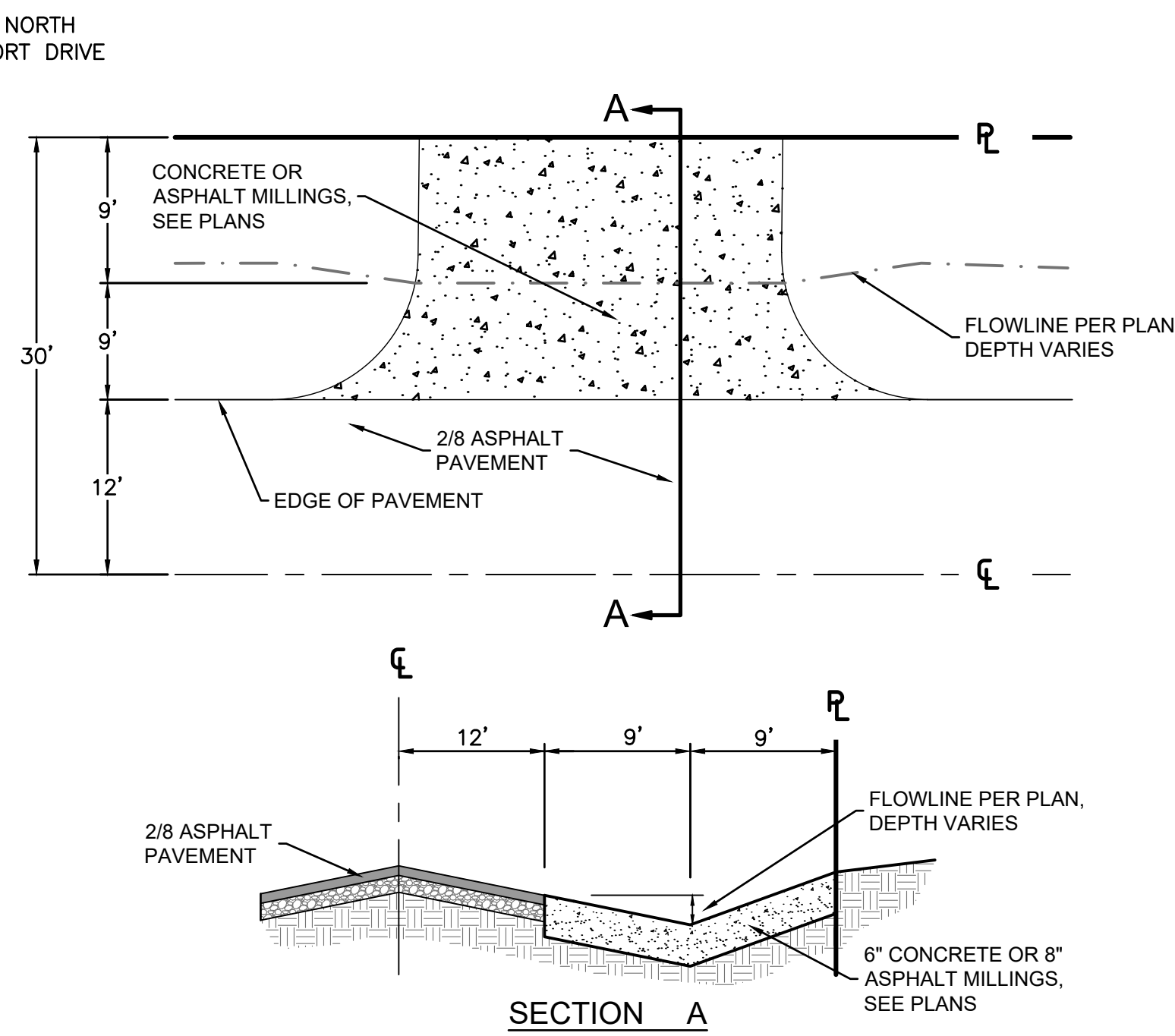
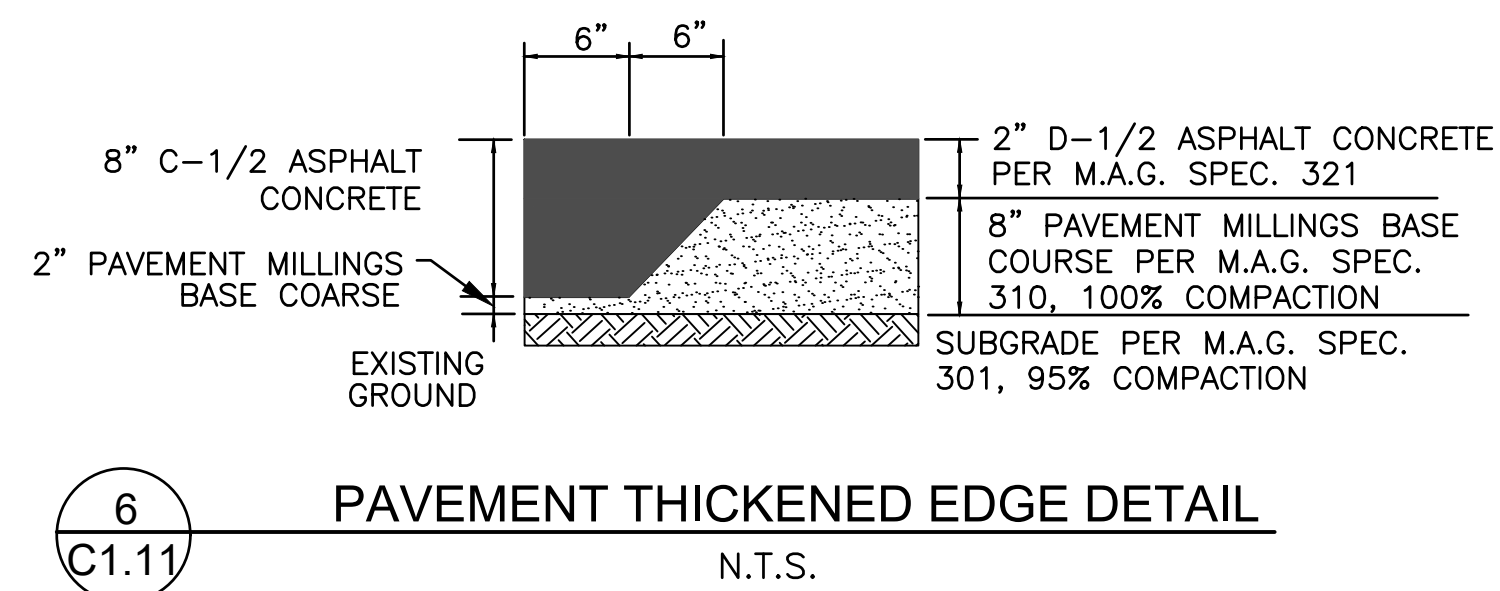
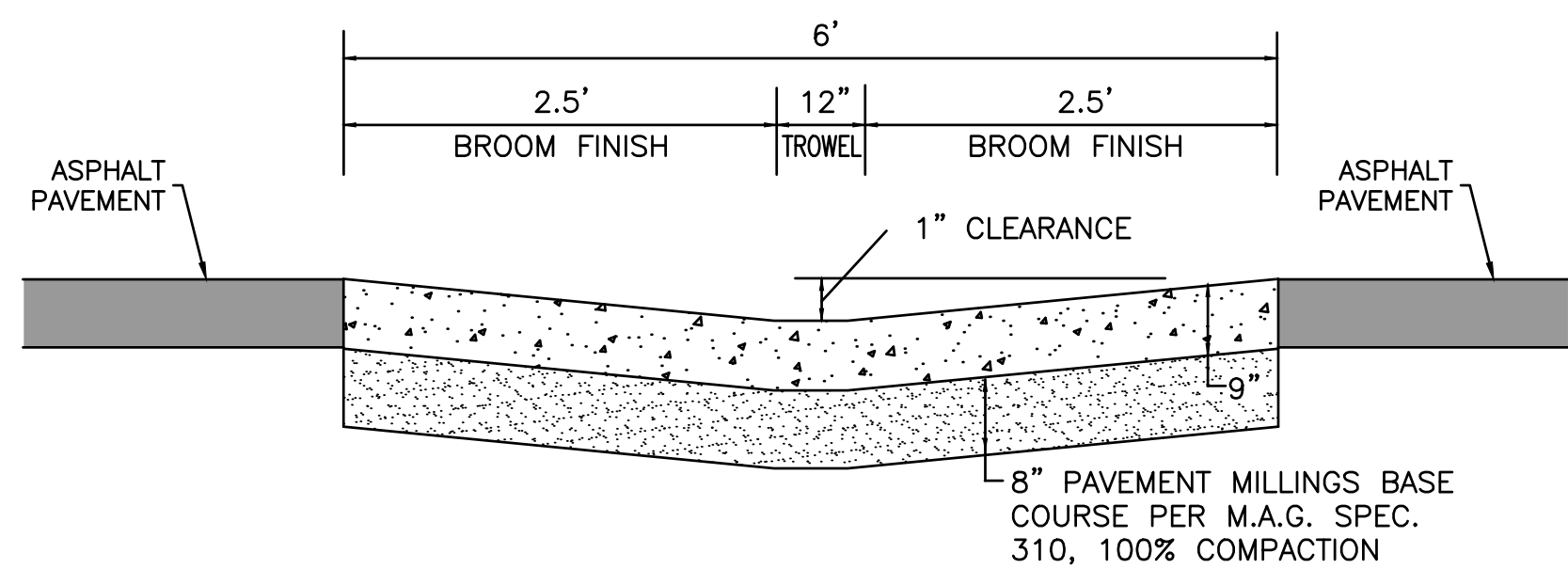
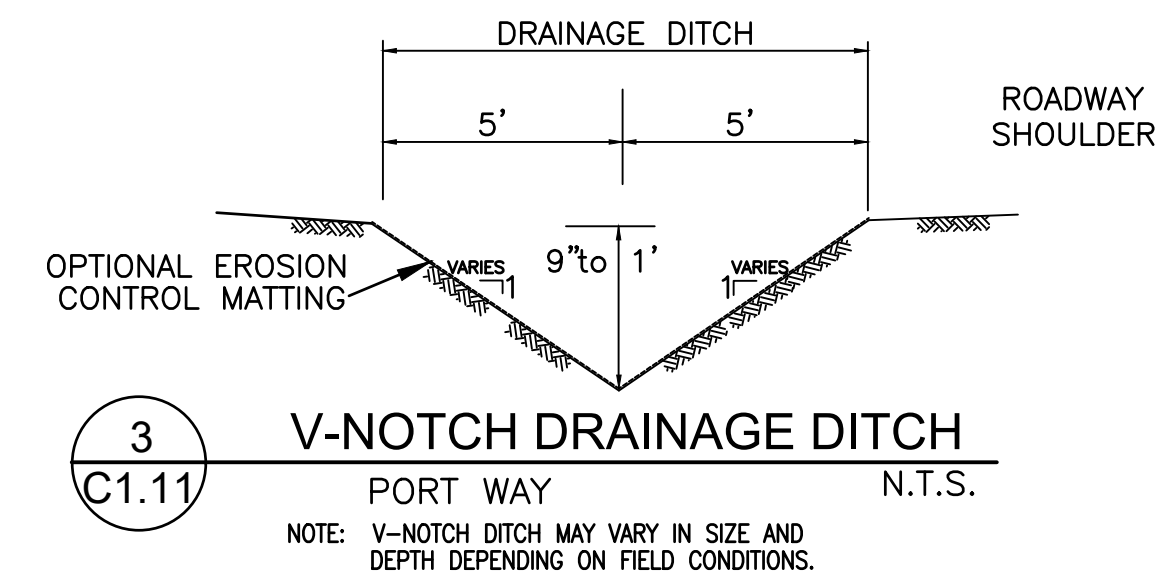
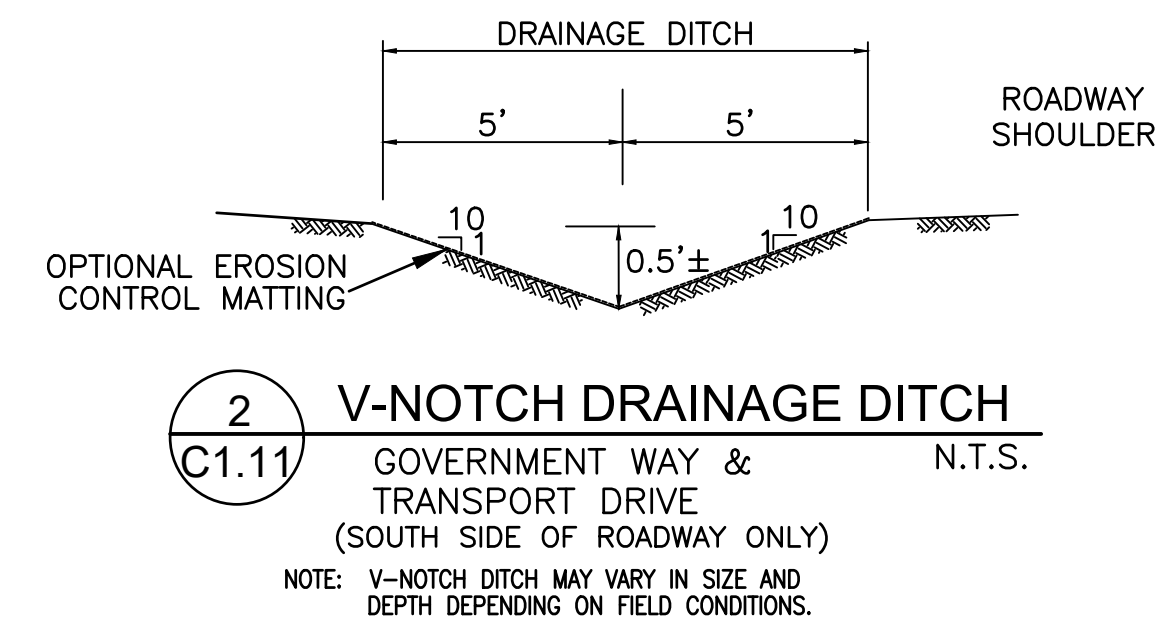
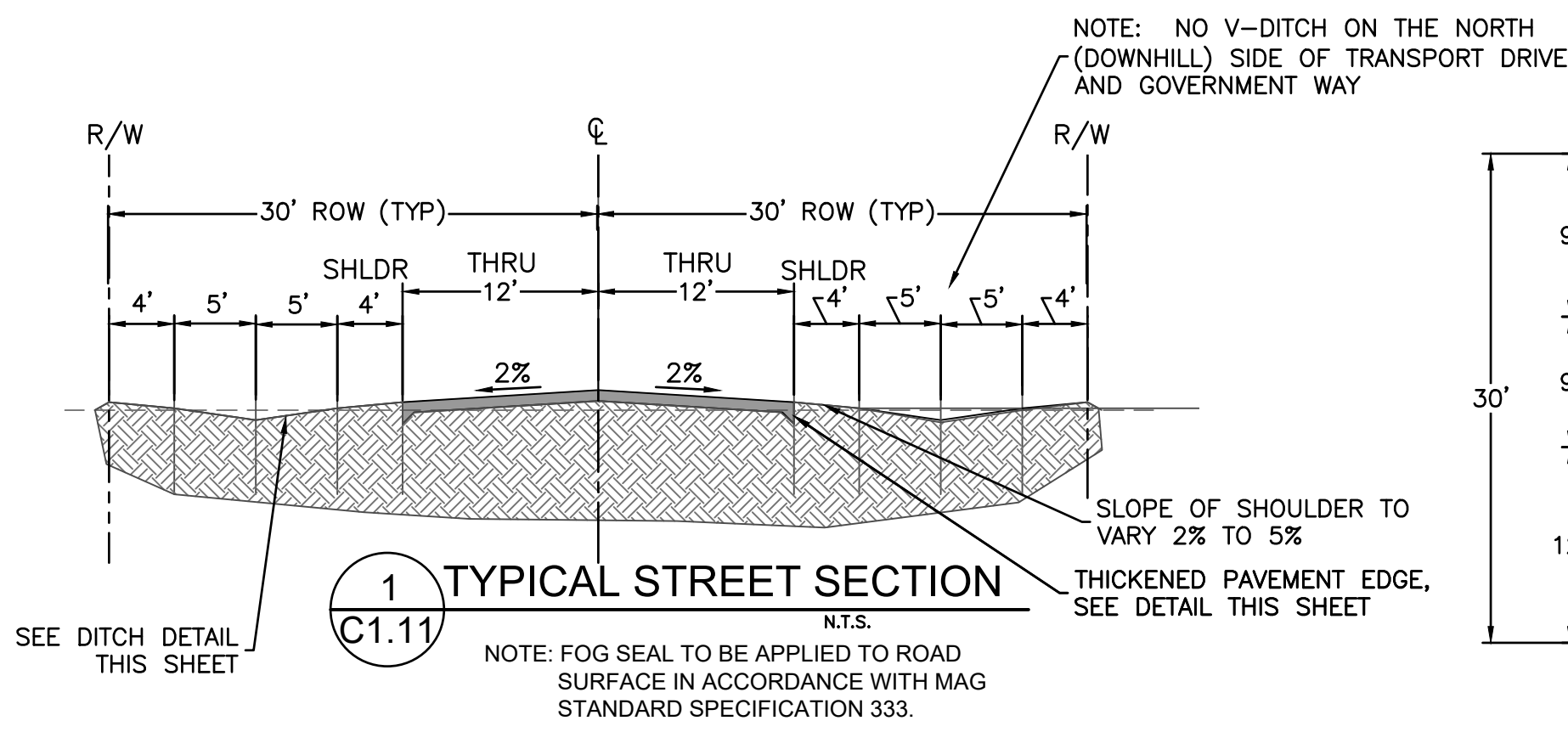
- DEMOLITION NOTES**
- 2" MIN. SAWCUT. LENGTH AS SHOWN.
 - DEMO AND REMOVE EXISTING ASPHALT
 - DEMO AND REMOVE EXISTING CONCRETE
 - REMOVE AND SALVAGE EXISTING SIGNS AND REMOVE SIGN POST AND BASE.
 - REMOVE AND SALVAGE EXISTING MAILBOX AND REMOVE POST AND BASE.
 - REMOVE EXISTING METER BOX, SALVAGE EXISTING WATER METER AND PLUG EXISTING 2" WATER SERVICE.
 - REMOVE AND RELOCATE EXISTING DOWN GUY. COORDINATE RELOCATION WITH UNISOURCE ELECTRIC.
 - REMOVE EXISTING POST BOLLARDS.



NOTE:
 CONTRACTOR SHALL LEAVE ONE DRIVEWAY ACCESS OPEN AND CLEARLY DELINEATED DURING CONSTRUCTION.



PROJECT NORTH



WATTLE SPACING INTERVALS	
SLOPE RATIO	MAXIMUM SPACING INTERVAL
2:1	10'
3:1	20'
4:1	30'
5:1	40'
6:1	40'

- * NOTES
1. TOP FLOW SHALL NOT BE PLACED WITHIN 6'-0" OF EDGE OF PAVEMENT AND 9'-0" FROM OUTSIDE SURFACE OF BARRIER.
 2. FOR EROSION SOILS, PLACE ROWS OF WATTLES CLOSER TOGETHER.
 3. FOR SOILS WITH LOW EROSION POTENTIAL, PLACE ROWS OF WATTLES FURTHER APART.

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SECTIONS & DETAILS
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

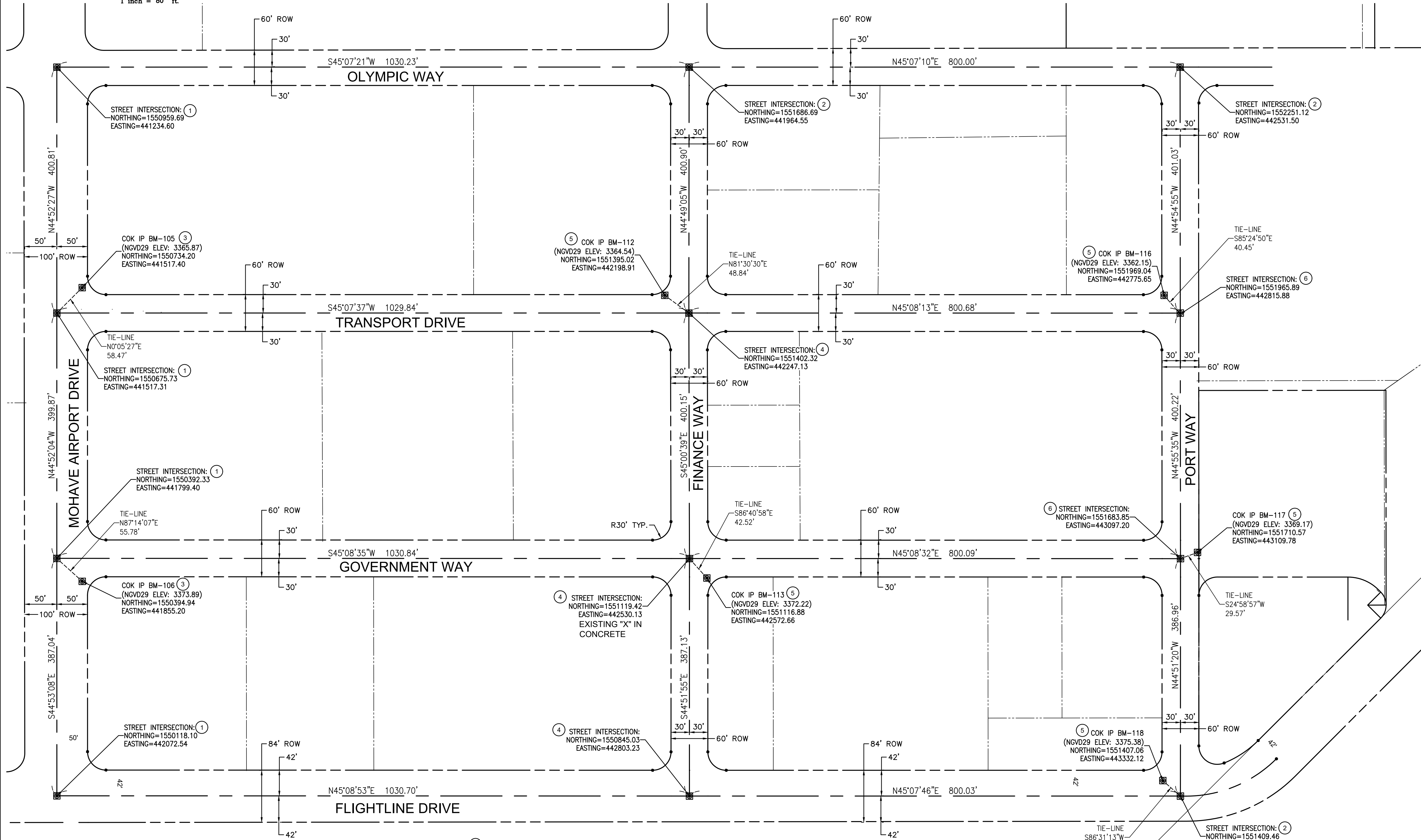
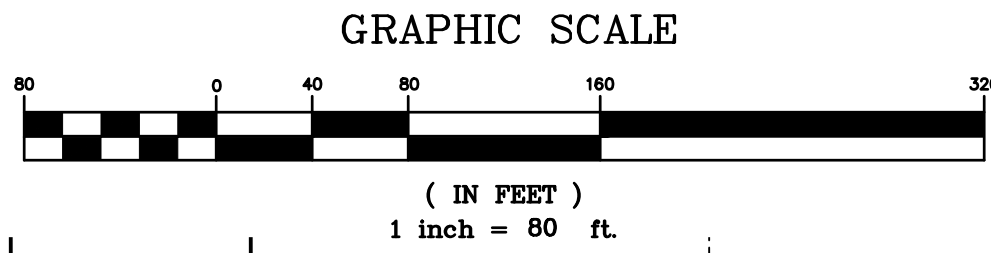
DRAWN BY: ALB
CHECKED BY: RAL
DATE: 11/23/20
SCALE: AS NOTED
PROJECT #: 19-058
LAST MODIFIED: 19-058
LAST MODIFIED BY:

PRE-CEG
12409 W INDIAN SCHOOL RD., AVONDALE, AZ 85392
PHONE: 623.536.1993 FAX: 623.746.8008

34081
NATHAN J
COTTRELL
11/23/20

SHEET 11 OF 12
C1.11

PROJECT NORTH
ACTUAL NORTH (45°)



- ① FOUND 2" BRASS DISK ON IRON PIN
- ② FOUND 3" BRASS DISK ON IRON PIN
- ③ FOUND IRON PIN
- ④ FOUND BRASS DISK IN CONCRETE
- ⑤ FOUND MONUMENT
- ⑥ FOUND 1-1/2" ALUMINUM CAP IN IRON PIN

NOTE: CONTRACTOR SHALL REPLACE ALL CENTERLINE MONUMENTS AND BENCHMARKS REMOVED BY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH M.A.G. STANDARD DETAIL 120, TYPE 'B'. ANY PROPERTY CORNER MARKERS THAT ARE DISTURBED OR REMOVED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE BY A LAND SURVEYOR REGISTERED IN THE STATE OF ARIZONA.

BEARINGS, DISTANCES, AND MONUMENTATION SHOWN ARE FOR CONSTRUCTION PURPOSES ONLY

ENGINEER
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HORIZONTAL CONTROL
KINGMAN MUNICIPAL AIRPORT
INDUSTRIAL PARK
KINGMAN, MOHAVE COUNTY, ARIZONA

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