CONSTRUCTION NOTES

1. CONSTRUCT WALL OPENING PER DETAIL ON SHEET 8.
2. INSTALL SCUPPER PER M.A.G. STANDARD DETAIL 203. PROVIDE OPENING IN GRATE FOR DOWNSPOUTS WHEREVER IT OCCURS.
3. CONSTRUCT 2.5' WIDE VALLEY GUTTER PER M.A.G. STANDARD DETAIL 240 MODIFIED.
4. CONSTRUCT RAMP WITH HANDRAILS PER ELEVATIONS SHOWN (30' LONG @ S=8.33% SLOPE MAX.)
5. CONSTRUCT THICKENED EDGE PER M.A.G. STANDARD DETAIL 201, TYPE "A"
6. INSTALL CATCH BASIN PER M.A.G. STANDARD DETAIL TYPE "F" WITH 2' WIDE CONCRETE COLLAR AND CONNECT TO EXISTING PIPE AS SHOWN. INVERT TO MATCH THAT OF EXISTING PIPE.
7. CONSTRUCT VERTICAL CURB & GUTTER PER M.A.G. STANDARD DETAIL 220-1, TYPE "A".
8. TOP OF PAVEMENT TO BE 6" BELOW EXISTING TOP OF CURB.
9. CONSTRUCT RAMP WITH HANDRAILS PER ELEVATIONS ON PLANS (27' LONG @ S=8.15% SLOPE MAX.)
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12. NEW A.C. PAVEMENT. 3" A.C. (C- 3/4) OVER 5" A.B.C OR CONCRETE SLAB (5" THICK) OVER 95% COMPACTED SUBGRADE.
13. CONSTRUCT 3' WIDE, 9" THICK GROUTED RIP-RAP PAD.(D_{50}=6") ROCKS TO BE HAND PLACED AND EXPOSED PORTION TO BE FREE OF GROUT.
14. CONSTRUCT CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL 230.
15. RE-ROUTED EXISTING ROOF DRAIN. SEE ARCHITECTURAL PLANS FOR DETAILS AND LOCATIONS.
16. INSTALL TRENCH DRAIN WITH SLOPED CHANNEL. ACO DRAIN TYPE 478Q GRATE. CONTACT BEN WHEELIS / NITZA VERDUGO AT (520) 421-9968 FOR ACO DRAIN SHOP SUBMITTALS AND INFORMATION.
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20. INSTALL 4" PVC (SCHEDULE 40) PIPE UNDERNEATH WALL.
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24. INSTALL 8" PVC (SDR-35) PIPE..
25. REMOVE EXISTING 4" WATERLINE BETWEEN NEW CONNECTIONS.
26. CONTRACTOR TO FIELD LOCATE EXISTING 4" WATERLINE AT POINTS OF CONNECTION WHERE SHOWN. CONNECT NEW 4" WATERLINE PVC (C-900) WITH 90° BENDS.
27. INSTALL NEW 4" WATERLINE PVC (C-900) - 36" MINIMUM COVER - INSTALL MINIMUM 18 GAUGE COPPER TRACER WIRE OVER TOP OF PIPE. COMPACTION SHALL COMPLY WITH M.A.G. SPECIFICATION 601, 95 % COMPACTION.

LEGEND

	EXISTING BUILDING w/ OVERHANG		
	EXISTING PAVEMENT		
	EXISTING CONCRETE		
x	EXISTING FENCE		
	EXISTING TRENCH DRAIN		
TC	TOP OF CURB		
VC&G	VERTICAL CURB AND GUTTER		
WV	WATER VALVE		
CO	CLEANOUT		
C/P	CONCRETE AND PAVEMENT		
C	CONCRETE		
GB	GRADE BREAK		
LT	LIGHT		
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GM	GAS METER	TD	TRENCH DRAIN
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FF	FINISHED FLOOR	RD	ROOF DRAIN
CONC	CONCRETE	S	SEWER LINE
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MH	MANHOLE	P	PAVEMENT
SD	STORM DRAIN	HW	HIGHWATER
BW	BLOCK WALL	W	WATER
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CB	CATCH BASIN	COM	COMMUNICATION LINE
EB	ELECTRICAL BOX	S	SAWCUT & MATCH EXISTING
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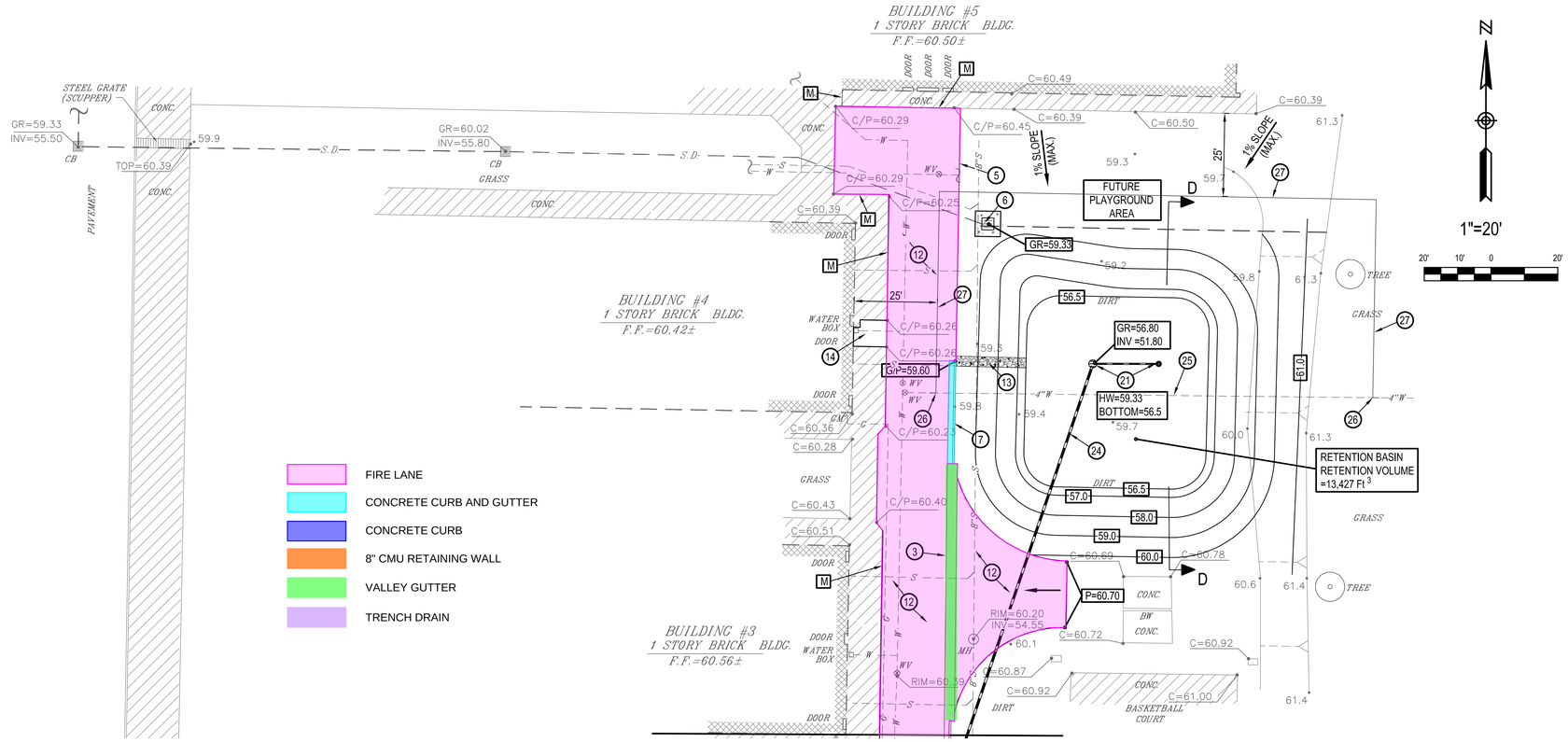
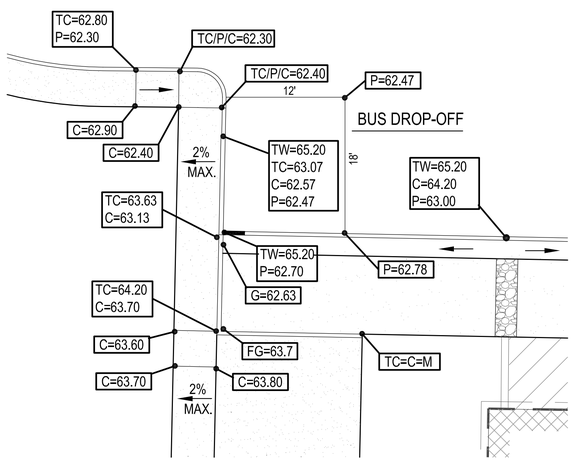
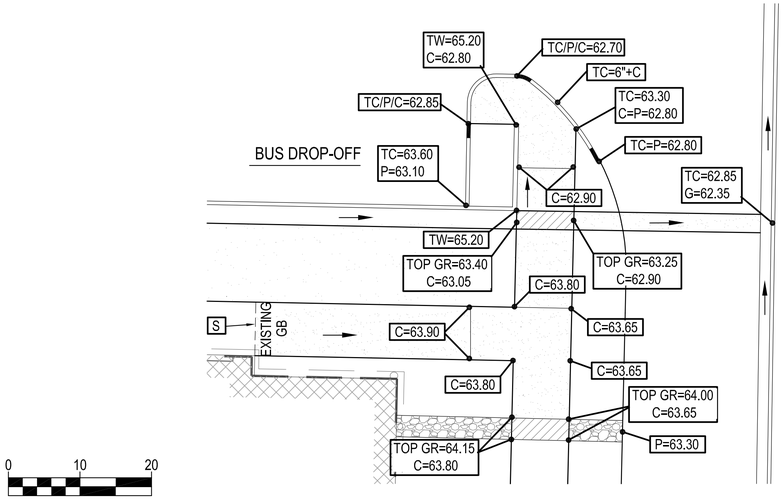
62.3	EXISTING SPOT ELEVATION	C=63.70	NEW ELEVATION
C=60.37	EXISTING ELEVATION	56.5	NEW CONTOUR
	DIRECTION OF DRAINAGE		NEW SLOPE (5:1 MAX)





AREA 1
1"=10'



AREA 2
1"=10'

0 10 20
Horz. 1 in. = 10 ft.

MARTIN ENGINEERING & SURVEYING, INC.
1734 E. FRIER DRIVE, PHOENIX ARIZONA, 85020 (602)944-5829

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE NO.
10787
DENIS H. MARTIN
ARIZONA, U.S.A.
EXPIRES 9/30/21

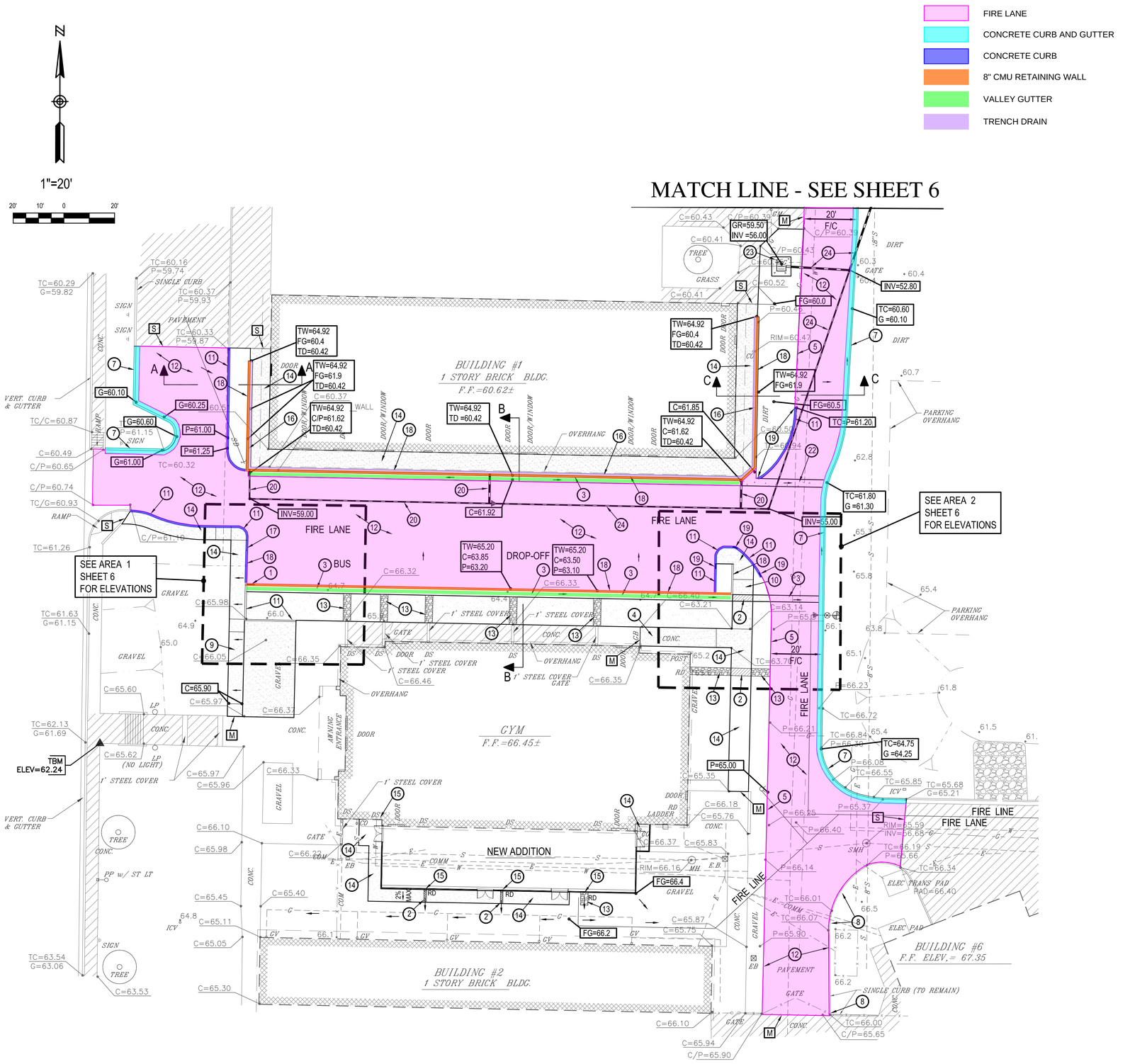
Designed	Drafted	Checked
D.H.M.	B.C.T.	S.A.M.

GRADING AND DRAINAGE PLAN
AT
FLORENCE ELEMENTARY SCHOOL
460 SOUTH PARK STREET
FLORENCE, ARIZONA 85132

Job No.	Date	Revised
39009D	10/24/2018	

Call at least two full working days before you begin excavation.
ARIZONA811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

Sht. 6 of 10



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REGISTERED PROFESSIONAL ENGINEER — CERTIFICATE NO. 10787 — DENIS H. MARTIN — STATE OF ARIZONA — EXPIRES 9/30/21

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