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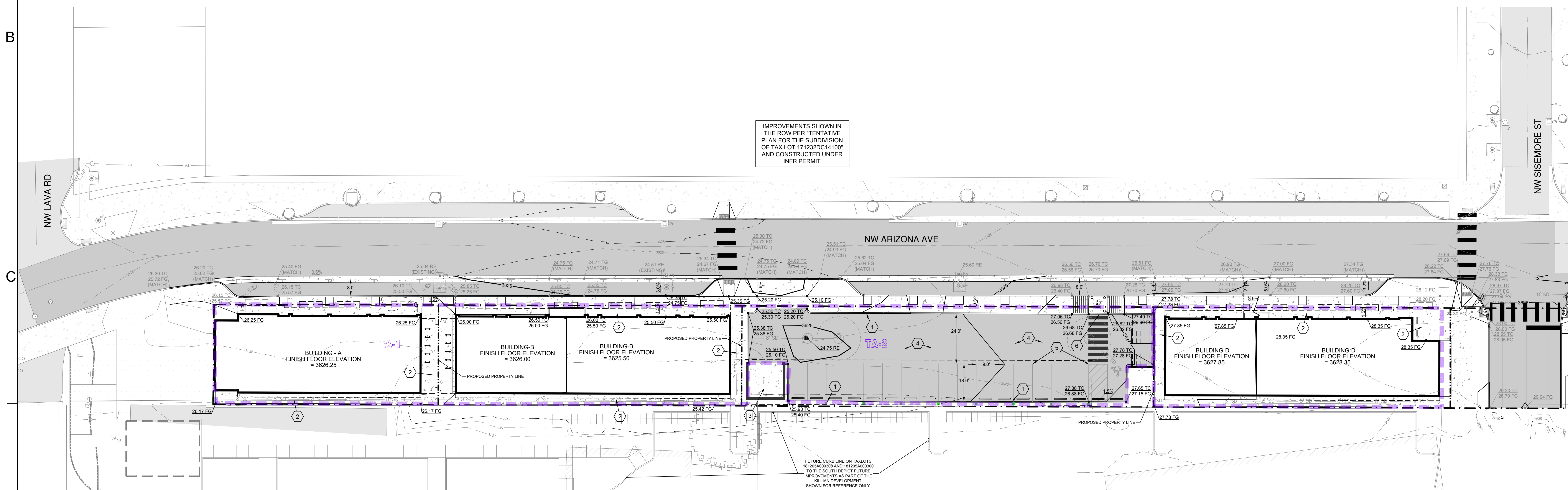
BLACK DIAMOND MIXED-USE
NW ARIZONA AVE

GRADING AND DRAINAGE PLAN

C2.0

GRADING AND
DRAINAGE PLAN

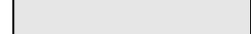
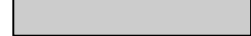
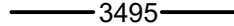
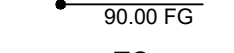
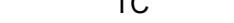
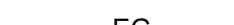
SITE PLAN AND DESIGN REVIEW



AREA I.D.	DESCRIPTION	DISPOSAL TYPE	TRIBUTARY AREA (SQ. FT.)	TRIBUTARY AREA (ACRE)	25-YR STORM PEAK RUNOFF RATE (CFS / GPM)	TOTAL INFLOW DESIGN VOLUME (CU. FT. / GAL.)
TA-1	PVMT / ROOF	DW #1	20,641	0.47	0.80 / 131	3,632 / 27,169
TA-2	PVMT / ROOF	DW #2	6,566	0.15	0.26 / 117	1,159 / 8,670

25-YR = 2.5
TIME OF CONCENTRATION $T_c = 5$ MIN
STORM TYPE - I
CN = 98 (IMPERVIOUS)

- | | |
|---|--|
| 1 | PROPOSED 12" CONCRETE CURB
(6" REVEAL) |
| 2 | PROPOSED LIGHT-DUTY PCC PAVEMENT |
| 3 | PROPOSED HEAVY-DUTY PCC PAVEMENT |
| 4 | PROPOSED HMAC PAVEMENT |
| 5 | PROPOSED PARKING LOT STRIPING |
| 6 | PROPOSED PARALLEL CURB RAMP
(TYP. OF 2) |

- | | | | |
|---|--|---|----------------------------------|
|  | DRAINAGE BASIN BOUNDARY |  | PROPOSED CATCH BASIN |
|  | EXISTING PROPERTY LINE |  | EXISTING HMAc PAVEMENT TO REMAIN |
|  | PROPOSED PROPERTY LINE |  | PROPOSED HMAc PAVEMENT |
|  | EXISTING CURB |  | EXISTING CONCRETE TO REMAIN |
|  | PROPOSED 12" CONCRETE CURB (6" REVEAL) |  | PROPOSED LIGHT-DUTY PCC PAVEMENT |
|  | EXISTING 1' GROUND SURFACE CONTOUR | | |
|  | EXISTING 5' GROUND SURFACE CONTOUR | | |
|  | PROPOSED 1' GROUND SURFACE CONTOUR | | |
|  | PROPOSED 5' GROUND SURFACE CONTOUR | | |
|  | PROPOSED SPOT ELEVATION | | |
|  | TOP OF CURB | | |
|  | FINISH GRADE | | |
|  | EXISTING GRADE | | |
- NOTE: ADD 3600.00 FT TO ALL SPOT ELEVATIONS
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