St. Adelaide Catholic Church - Campo

Legend

Carrier 48HJ (HVAC) Identification Chart

HVAC Unit

Location	Nominal Capacity (Ton)	Sound Rating	Location	Nominal Capacity (Ton)	Sound Rating
1	7.5	82	9	4	76
2	10	84	10	4	76
3	10	84	11	4	76
4	4	76	12	4	76
5	4	76	13	10	84
6	4	76	14	6.5	80
7	4	76	15	8	82
8	4	76	16	8	82

Noise source corresponding with area of children activity (88 dBA @ 3ft)

Receptor Locations

Summary of Mitigation

Mitigation Walls

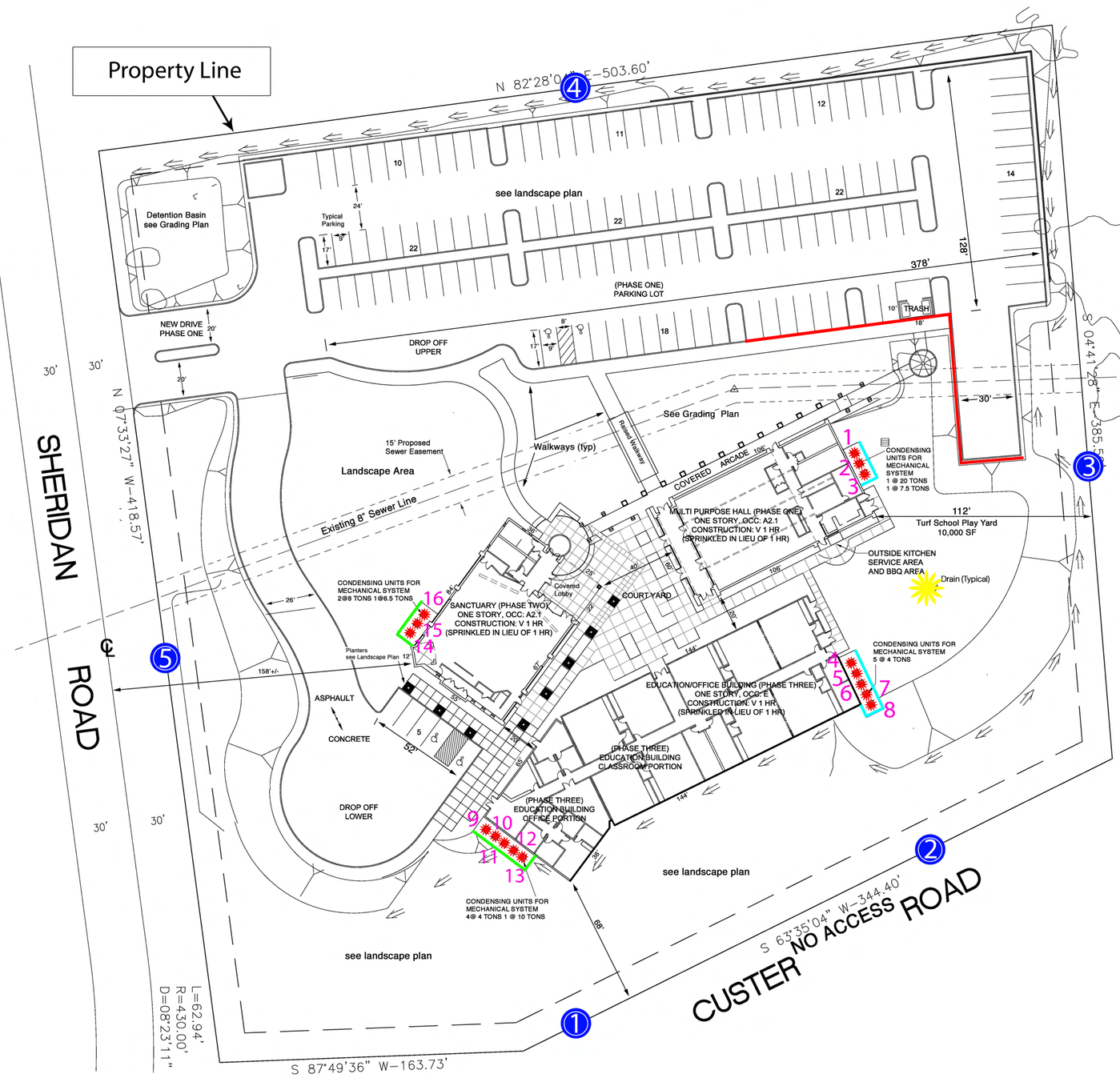
Six Foot Wall around HVAC units
Multipurpose Hall (Phase One)
Education/Office Building (Phase Three)

Five Foot Wall around HVAC units
Sanctuary (Phase Two)
Education Building Office Portion (Phase Three)

Varying Wall (Top of Wall 2,619 ft msl)
Southeast portion of parking lot (Phase Three)

Full Buildout
Estimated Receptor Results

1. = 40 dBA as per Figure 8c
2. = 40 dBA as per Figure 8c
3. = 44 dBA as per Figure 8c
4. = 44 dBA as per Figure 8b
5. = 40 dBA as per Figure 6c



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PLOT PLAN
MITIGATION
SUMMARY

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