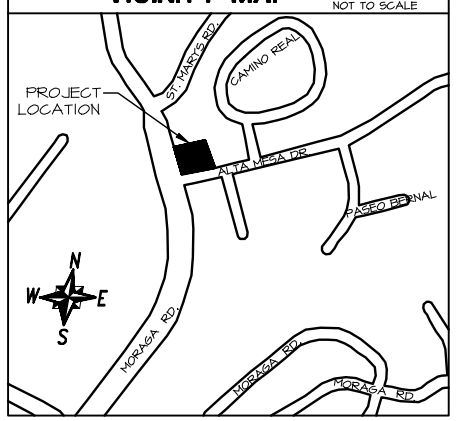
VICINITY MAP

NOT TO SCALE



FIRE DEPARTMENT REQUIREMENTS:

1. TANK VENTING - PER CFC SECTION 3404.2.7.3, TANK VENTS FOR NORMAL VENTING SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SECTIONS 3404.2.7.3.1 THROUGH 3404.2.7.3.6.

2. MANIFOLDING - MANIFOLDING OF UNDERGROUND TANK VENTING SHALL BE PER CFC 3404.2.7.3.5.

3. PROTECTION FROM VEHICLES - VEHICLES CRASH PROTECTION SHALL BE INSTALLED AROUND ENTIRE HEALEY CLEAN AIR SEPARATOR VESSEL AND VENTS PER CFC SECTIONS 2703.9.3, 3404.2.9.6.5 AND 312.

4. SECURITY - SYSTEM SHALL BE SECURED PER CFC SECTION 2703.9.2 INCLUDIN:
   - PROTECTION FROM TAMPERING OF BALL VALVES VIA MANUFACTURES REQUIRED LOCKS.
   - ADDITIONAL APPROVED METHODS SUCH AS ENCLOSURES, ETC.

5. ELECTRICAL - ELECTRICAL WIRING AND EQUIPMENT SHALL BE PER CFC SECTION 2703.9.4.

6. SINSAGE AND LABELING - SIGNAGE AND LABELING SHALL BE PER MANUFACTURERS' REQUIREMENTS FOR HEALEY VESSEL AND PER CFC SECTIONS 3403.5, 2703.5 AND 2703.6. THE NFPA 704 PLACARD SHALL BE POSTED AND NUMBERED AS FOLLOWS:
   HEALTH (BLUE) = 1
   FLAMMABILITY (RED) = 3
   REACTIVITY (YELLOW) = 0
   SPEC. PROP. (WHITE) = BLANK

7. OTHER APPLICABLE SIGNAGE - A "NO SMOKING WITHIN 25 FEET" AND "FLAMMABLE VAPORS" SIGNAGE SHALL BE POSTED AT THE HEALEY UNIT. MINIMUM 3" HIGH LETTERING IS REQUIRED ON A CONTRASTING BACKGROUND.

8. PORTABLE FIRE EXTINGUISHER - A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2A:20BG SHALL BE LOCATED WITHIN 75 FEET OF THE VAPOR RECOVERY SYSTEM.

9. INTENTIONALLY LEFT BLANK

10. OTHER REGULATIONS - APPLICANTS SHALL MEET REQUIREMENTS OF THE CITY PLANNING AND BUILDING DIVISIONS.

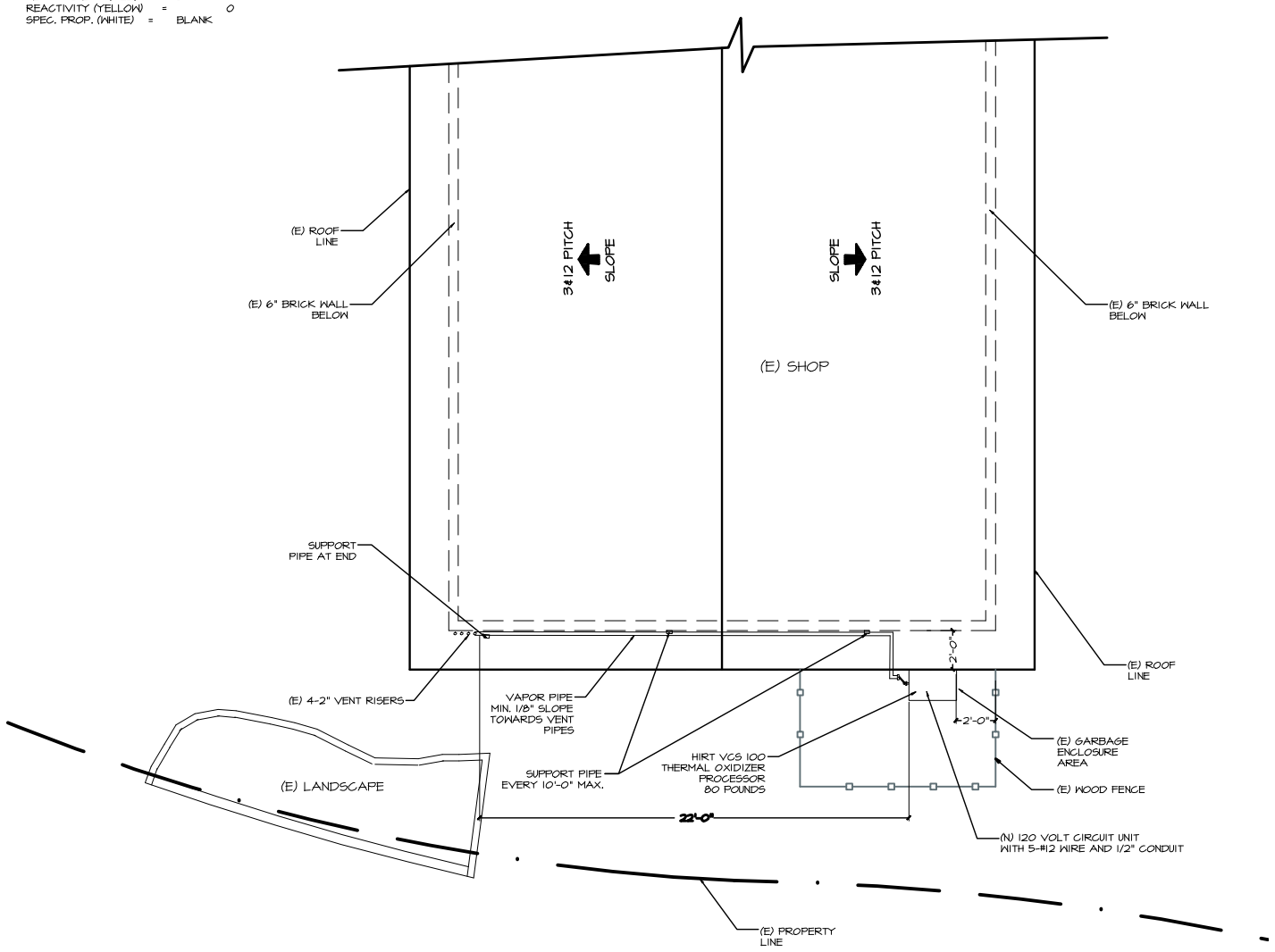
11. UPDATING OF REQUIRED PLANS - MUST UPDATE FACILITY HAZARDOUS MATERIALS BUSINESS PLAN AND THE MONITORING PLAN FOR UNDERGROUND STORAGE ATANKS INCLUDING MAPS/PLOT PLANS.

12. FUNCTIONAL TEST - A FUNCTIONAL TEST IS REQUIRED ON THE TLS-350 MONITORING SYSTEM.

13. INSTALLATION SITE REQUIREMENTS
    INSTALL A MINIMUM HORIZONTAL DISTANCE OF 20 FT. FROM ANY FUEL TRANSFER POINT (I.E. NOZZLES OR STORAGE TANK DROP TUBES).
    INSTALL A MINIMUM HORIZONTAL DISTANCE OF 20 FT. FROM PRESSURE/VACUUM VALVE.
    INSTALL A PROCESSOR SO THERE IS A 2 FT. CLEARANCE ON ALL SIDES FOR MAINTENANCE.
    LOCATE REMOTE FROM WHEEL TRAFFIC, FOOT TRAFFIC, AND VALUABLE GROUND LEVEL SPACE.
    INSTALL / CONNECT PROCESSOR TO THE STORAGE TANK VENT PIPES. NOTE, THE VAPOR PIPING MUST SLOPE 1/8" PER FOOT TO PREVENT CONDENSATE FROM BLOCKING VAPOR PATH, A SLOPE OF 1/4" PER FOOT IS RECOMMENDED RUN CONDUIT TO INDICATOR PANEL.

INSTALL HIRT PROCESSOR SYSTEM WITHOUT ISD. NO OTHER WORK, INCLUDING REPLACEMENT OF DISPENSERS OR MODIFICATION OF UNDERGROUND PIPING IS AUTHORIZED.

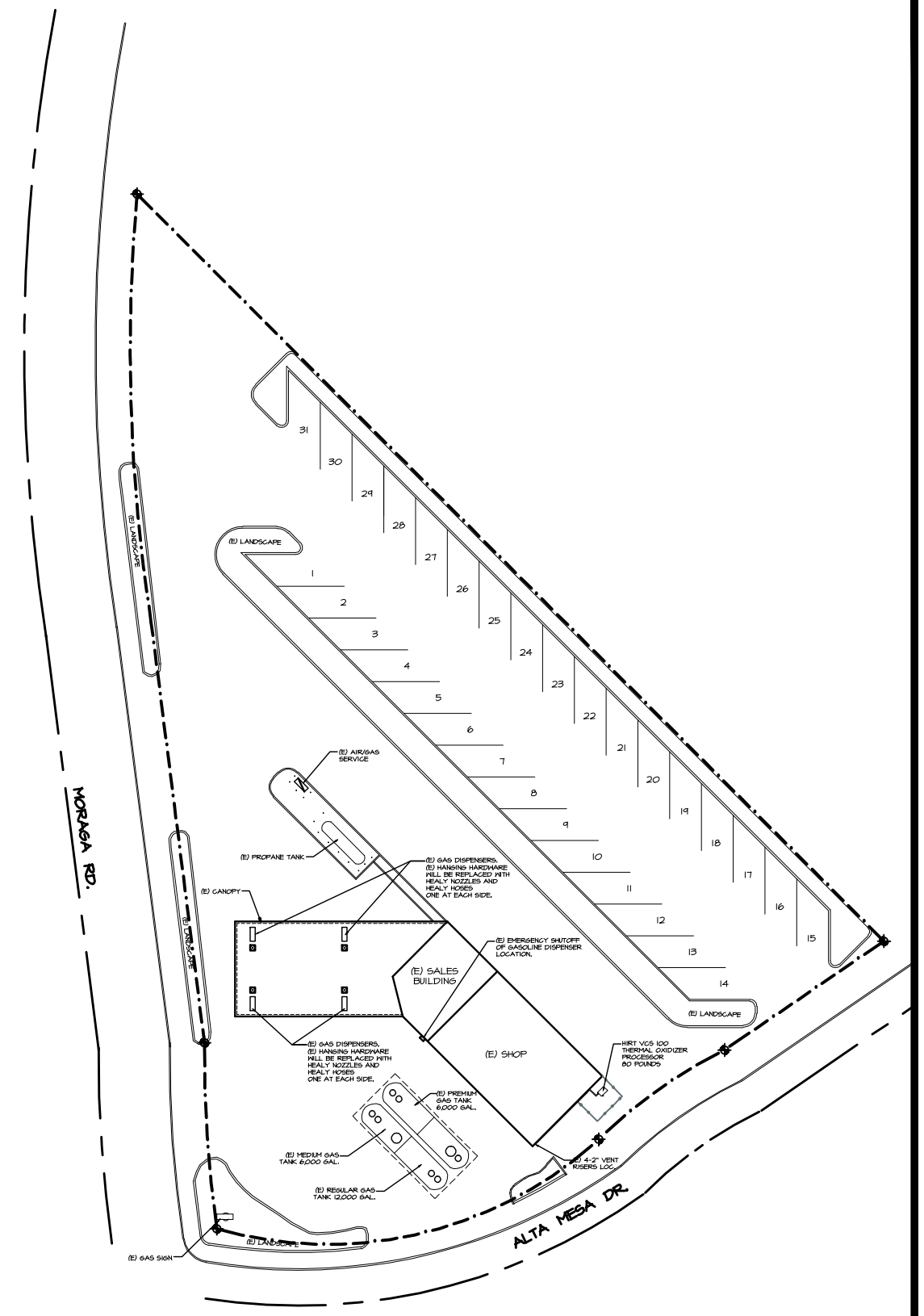
1. HANGING HARDWARE WILL BE REPLACED WITH EVR NOZZLES AND HOSES
2. VAPOR RETURN AND VENT PIPING IS A MINIMUM 2" IN DIAMETER AND IS EQUIPPED WITH AN UNDERGROUND AND/OR VENT MANIFOLD CONNECTING THE HEADSPACES OF ALL GASOLINE STORAGE TANKS.
3. THE VAPOR RETURN PIPING DOES NOT INCLUDE ANY LIQUID CONDENSATE TRAPS
4. VENT PIPING WILL BE SUPPORTED BY AN EXTERNAL STRUCTURE ADEQUATE TO SUPPORT THE VAPOR POLISHER
5. THE OUTLET OF THE VAPOR POLISHER WILL BE 12' ABOVE GRADE.



NORTH

HIRT SYSTEM LAYOUT

1/4"=1'-0"



NORTH

SITE PLAN

1"=20'-0"

REVISIONS	BY

DESIGN BUILD
EVR UPGRADE

APEC
AMERICAN PETROLEUM ENVIRONMENTAL CONSTRUCTION
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(209) 943-3000 FAX (209) 943-3003

LAMORINDA GAS & MOTOR SPORT
1410 MORAGA ROAD.
MORAGA, CA 94556

DATE:	12-09-09
SCALE:	AS SHOWN
DRAWN:	R. MENDEZ
JOB:	09-MORAGA-RD.

SHEET
C-1
OF SHEETS