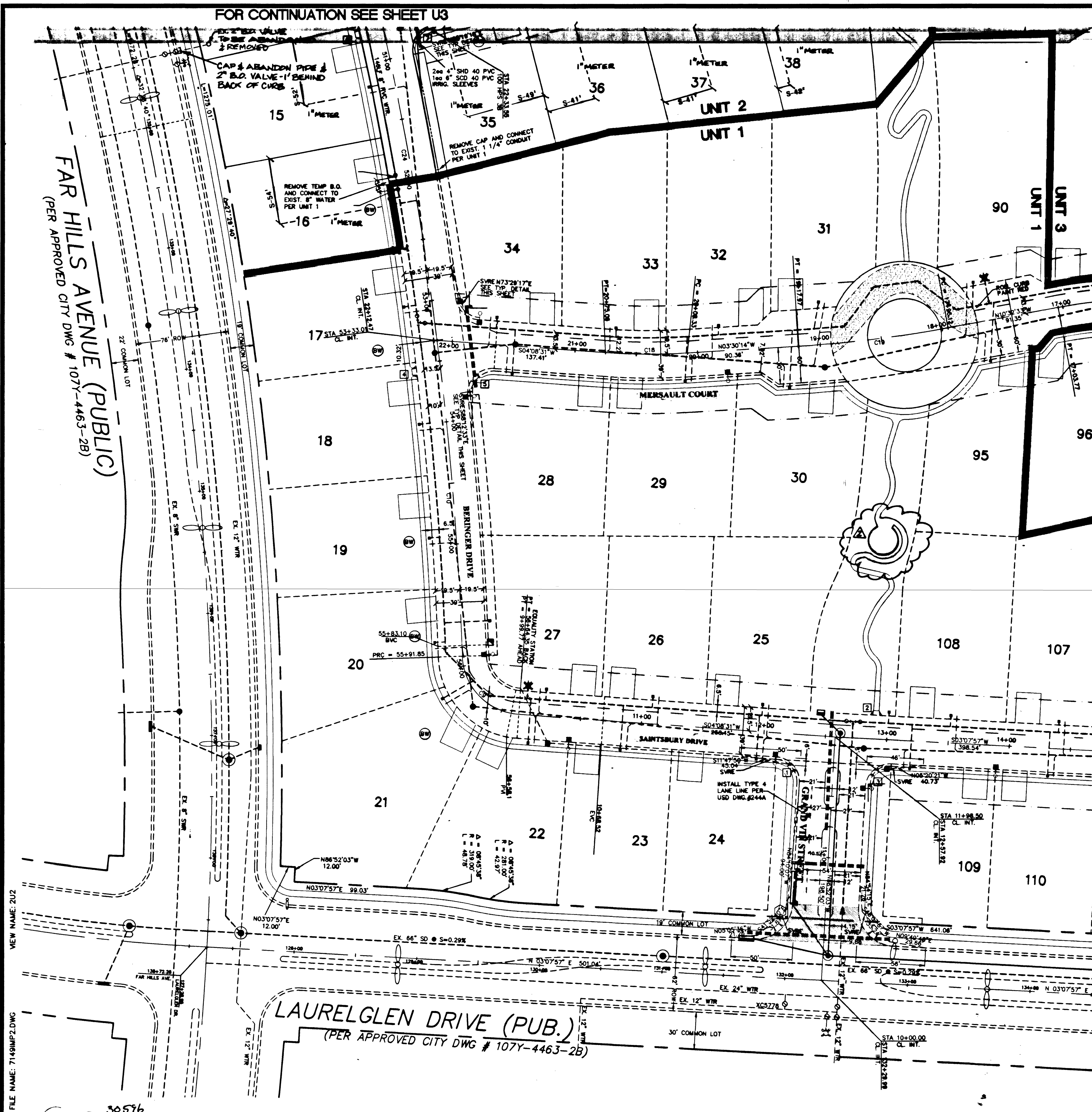




HC RAMP DATA

CASE III PER USD DWG. NO. 235

	SLOPE	A (FT)	B (FT)
1	-1.51%	8.0	8.0
2	0.60%	8.0	8.0
3	-0.57%	8.0	8.0
4	-4.90%	4.5	15.0
5	6.70%	21.5	4.5
6	-4.90%	4.5	15.0
7	7.46%	21.5	4.5
8	-4.90%	4.5	15.0
9	7.82%	21.5	4.5
10	5.0%	15.0	4.5
11	-5.5%	4.5	21.5
12	4.02%	15.0	4.5
13	-5.12%	4.5	21.5

ABANDONED VALVES

All valves to be abandoned shall be abandoned in the closed position, unless shown otherwise, by removing a minimum of the top 12 inches of the valve box and then filling the remaining portion of the valve box with concrete having a compressive strength of at least 2,000 psi. The remainder of the hole shall be filled with concrete or asphaltic cement.

LEGEND

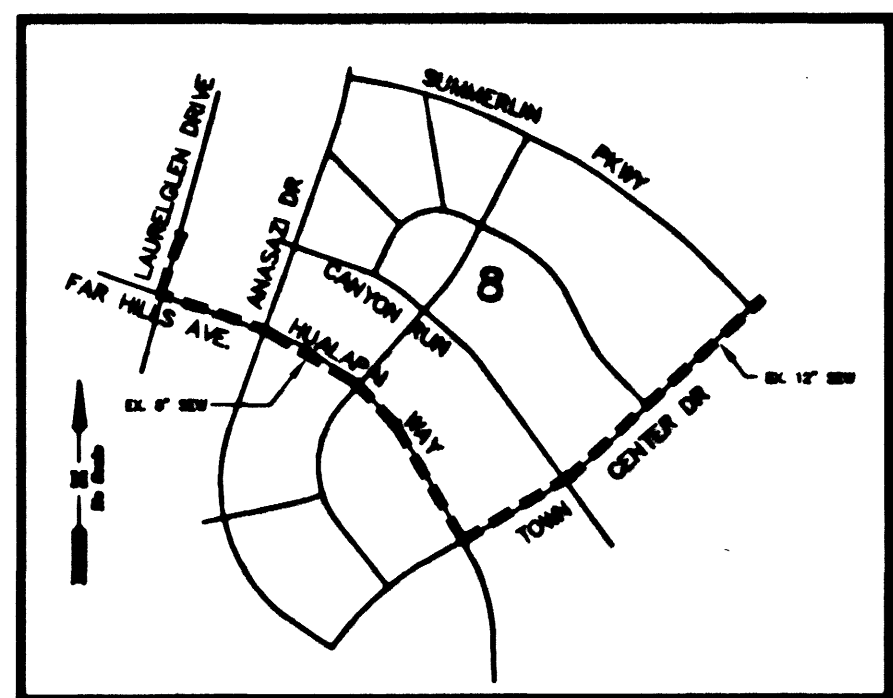
- EXISTING STREET LIGHT
- NEW STREET LIGHT (UNLESS NOTED AS EXISTING)
- PHOTO EYE
- ELECTRICAL PEDISTAL
- PULL BOX AS SHOWN
- GATE VALVE
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT (UNLESS NOTED AS EXISTING)
- BACKWATER VALVE
- SEWER MANHOLE
- EXISTING SEWER MANHOLE
- STORM DRAIN MANHOLE
- SEWER AND WATER SERVICE WITH PRESSURE REDUCING VALVE
- STREET NAME SIGN
- STREET SIGN (SPEED LIMIT 25) (R2-1)
- STOP SIGN (R1-1)
- FUTURE IMPROVEMENTS
- EX. IMPROVEMENTS
- STREET LIGHT CONDUIT
- UNIT LINE

FIRE DEPARTMENT NOTE

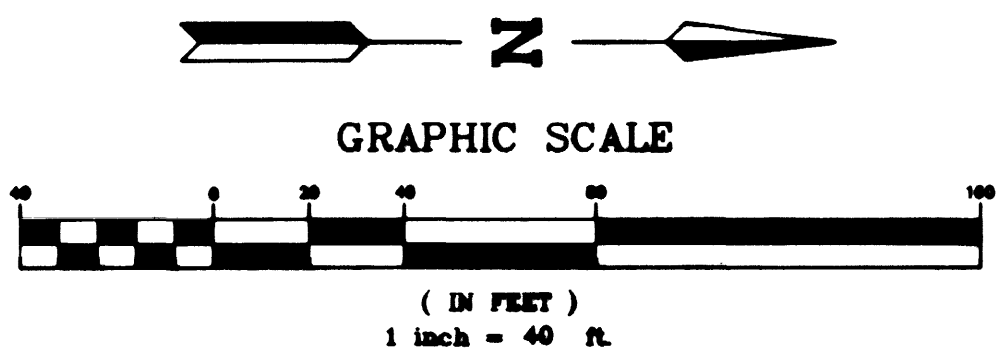
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVWD. HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

FIRE HYDRANT INSTALLATION

FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7 (ESN. 014)



EX. SEWER CONTINUATION THROUGH VILLAGE 8



APPROVALS:

[Signature] 5-1-98
CITY OF LAS VEGAS FIRE MARSHALL DATE

[Signature] 7-22-98
LAS VEGAS VALLEY WATER DISTRICT DATE

[Signature] 5-4-98
NEVADA POWER COMPANY DATE

THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATIONS.

PROJECT NAME: VINEYARDS UNIT 2
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a water commitment.

[Signature] 5-6-98
DATE

CUT AND CAP

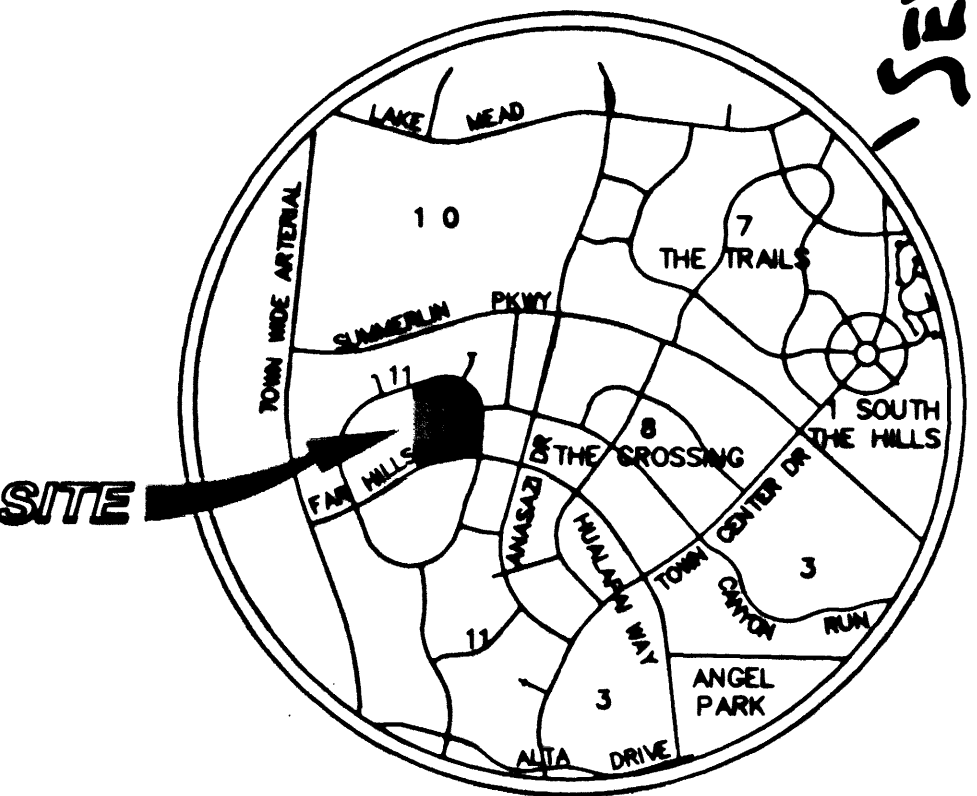
The contractor shall cut the existing pipe where shown on the drawing and install a cap complete with thrust block. Where a joint or coupling in the existing pipe is uncovered at the cut and cap locations, the installation of a plug may be permitted with Agency approval.

NOTES

- ALL "B" SEWER AND "WATER ARE PUBLIC
- ALL INTERIOR STREETS ARE PRIVATE
- SEE SHEET U4 FOR FIRE HYDRANT AND STREET LIGHT DETAILS

BENCHMARK

CITY OF LAS VEGAS BENCHMARK
CLV0001954 RIVET & PLATE IN TOP OF CURB NW SIDE OF
TOWN CENTER DRIVE & SOUTH CIRCLE ISLAND.
2725.923 NAVD 1928 DATUM
2728.37 NAVD 1988 DATUM (831.6074 M)
2728.19 SUMMERLIN DATUM (USED IN THIS PROJECT)
SUMMERLIN DATUM + 2.18 FEET = NAVD 1988 DATUM



LOCATION MAP

SERVICE LATERALS FOR LOT 10 BLOCK A WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF LAS VEGAS VALLEY WATER DISTRICT.

NOTICE: EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

ENGINEERING COMPANY	ALPHA & CHRISTOPHER HOMES
50 So. Jones #202, Las Vegas, NV 89107	9500 HILLWOOD DRIVE, LAS VEGAS, NEVADA 89134
Telephone: (702) 877-1300	(702) 360-3200
UTILITY PLAN SOUTHWEST	VINEYARDS UNIT 2 THE ARBORS & SUMMERLIN
DRAWN BY: EFT	DESIGNED BY: RCY
CHECKED BY: EFT	PROJECT NO: 714905
SCALE: 1"=40'	SHEET U2 OF 14 SHEETS
3074-4546-2	As-Built



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

	NAME LAST FIRST MIDDLE		GRADE 1 2 3 4 5 6 7 8 9 10 11 12		ADDRESS STREET CITY STATE ZIP PHONE NO.
	SCHOOL NAME ADDRESS CITY STATE ZIP		HOME ADDRESS CITY STATE ZIP		
ORGANIZATION NAME ADDRESS CITY STATE ZIP			COMMENTS NAME ADDRESS CITY STATE ZIP		