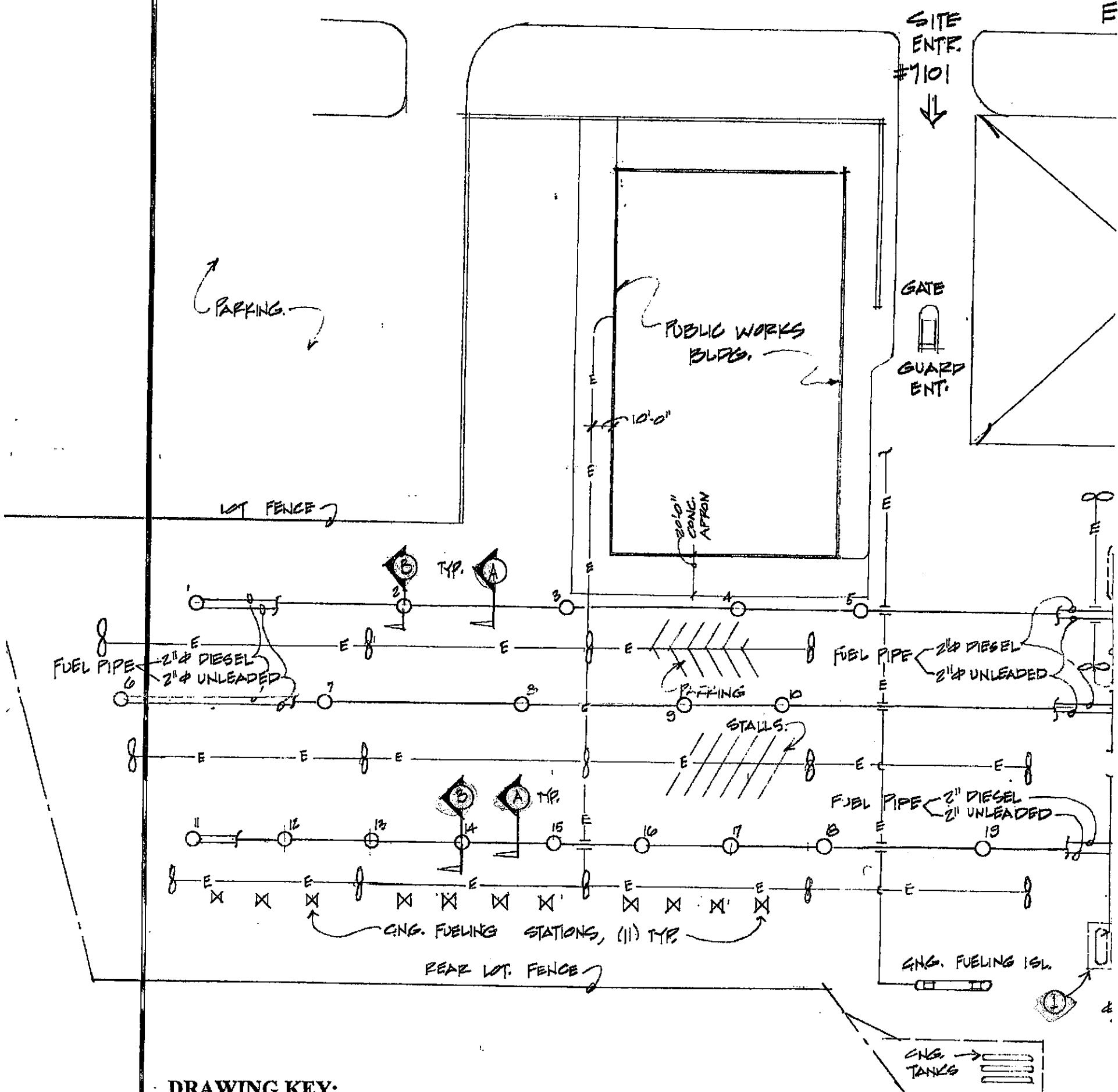


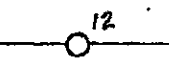
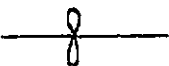
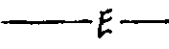
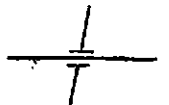
CIRCLED NOTES:

- ① Former location of (3) - 5K gal., U.S.T.'s that supplied fuel to the hydrant system. Tanks were leaded and unleaded gasoline, and diesel fuel. These single-walled tanks were removed in July, 1997.
- ①a Location of existing 2" dia., steel, unleaded, leaded and diesel fuel pipes, approx., 30" below surface, to be removed.
- ①b Existing atmospheric vent pipes, and elec. conduit run for pumps from storage building to former U.S.T.'s. Conduit and pipes are abandoned, and to remain.
- ② Location of existing fueling island shown in archival site drawings of 1971, but not found in the field survey. The island may have never been constructed. All subterranean fuel piping if found in this area, should be removed. Do not include island removal in the base bid, see note ⑭
- ③ Location of existing cold water, and compressed air lines from crafts building, out to fueling island. (Pipes shown in 1971 archival drawings, but may not have been constructed). Lines to be capped and abandoned in place. Do not include capping in the base bid, see note ⑭
- ④ Fueling Hydrants # 27, 28, & 29 and the associated underground fuel pipe is shown in the archival site drawings from 1971, but not found in the field survey. They may never have been constructed. Do not include their removal in the base bid, see note ⑭

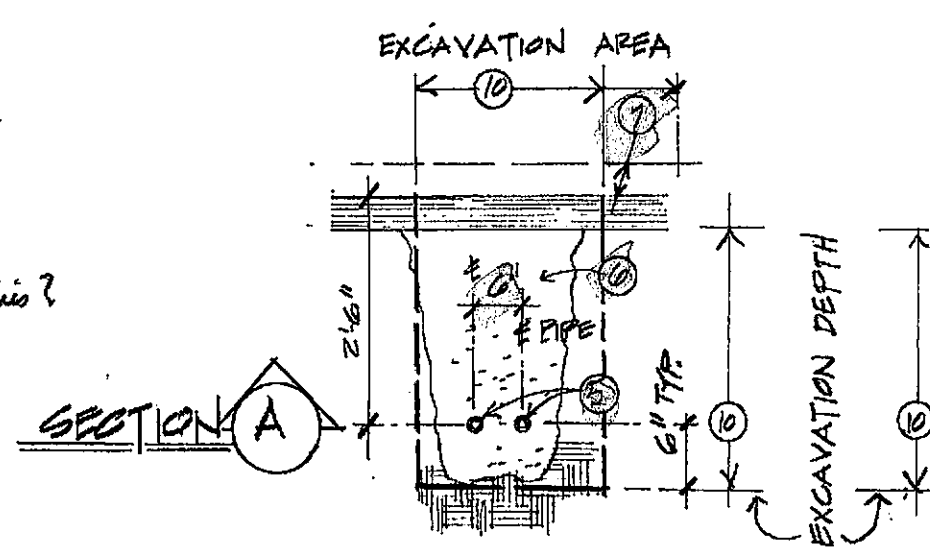
5
6
7
8
9
9a
9b



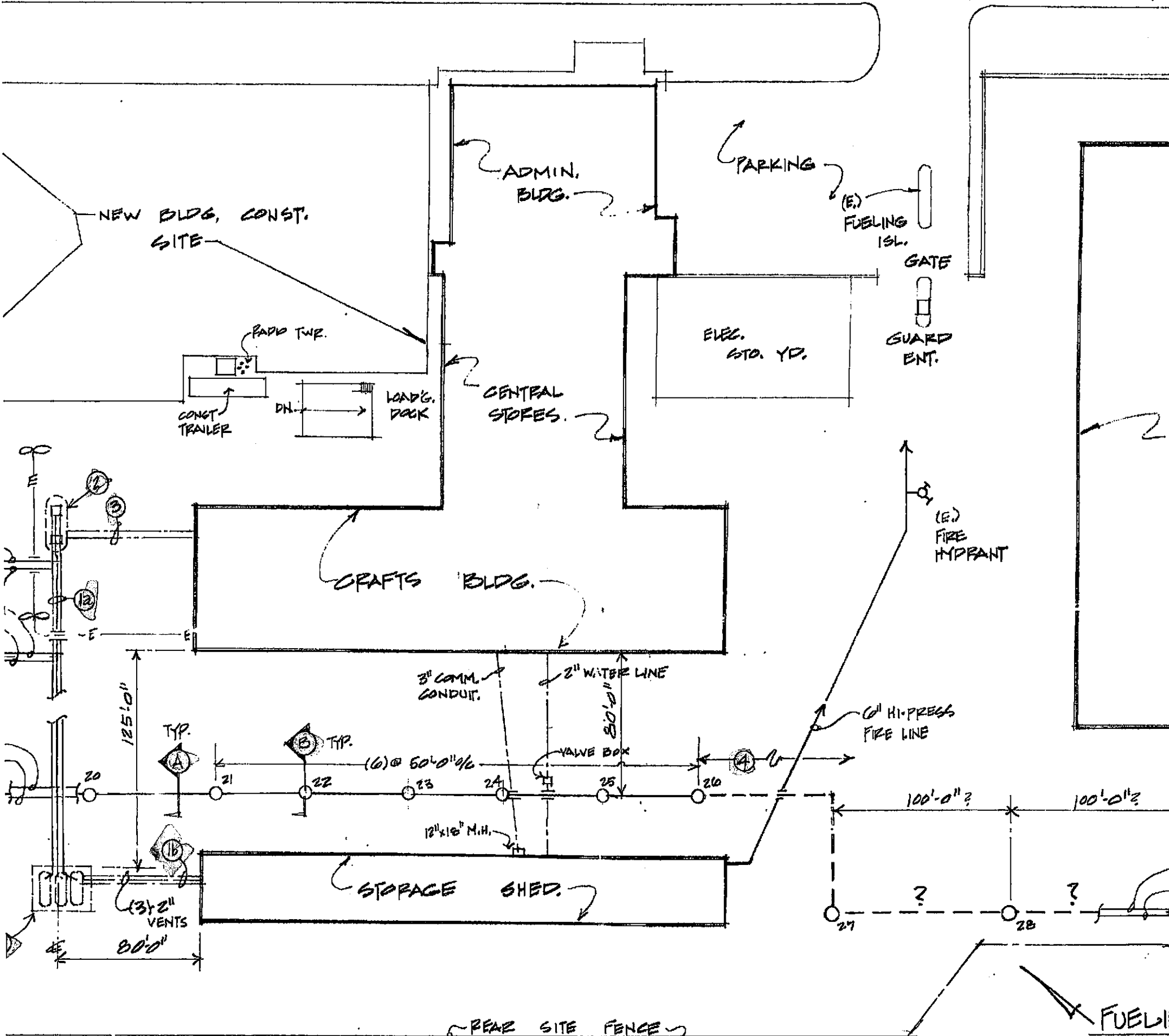
DRAWING KEY:

-  Vehicle fueling station under parking lot. (Typical of 26) per section B, see notes ⑤ ⑨
-  30'-0" high light standard
-  Under ground site lighting conduit.
-  Utility conduit/pipe believed to traverse across fuel piping to be excavated. Contractor to carefully hand excavate in these areas in order not to damage traversing pipe/conduit.

- 5 Existing 2" dia., threaded steel fuel supply pipe, to be purged, rinsed, excavated and removed. There are two pipes, laid 6" apart, one gasoline, and one diesel fuel. Pipe to be disposed of, legally, off-site.
- 6 Existing Sand bedding 6" min., below, and backfill above all fuel pipes.
- 7 Existing Asphalt concrete paving. Paved over the top of the original 1971 parking lot paving, and fueling hydrant system.
- 8 Existing cast iron fueling hydrant access lid. Paved over in most locations.
- 9 Existing Fueling hydrant dry break fueling riser with dust cap, terminating 3" below grade, min., with a fusible link and emergency valve. There are two risers per hydrant box, rising 6" apart, one gasoline and one diesel fuel. Boxes, all piping and valves to be excavated, removed and disposed of, legally, off-site.
- 9a Pavement back fill and densification shall be mechanically densified in 12" lifts, until the 90% relative compaction is attained. Rocks greater than 2-1/2" in any dimension, will not be permitted in the backfill within 3" below the pavement subgrade. Broken bituminous pavement will be permitted if no piece is larger than 2-1/2" in any dimension.
- 9b When pavement is placed directly on the subgrade, (w/o aggregate base), the top 6" shall be densified to 95% relative compaction.

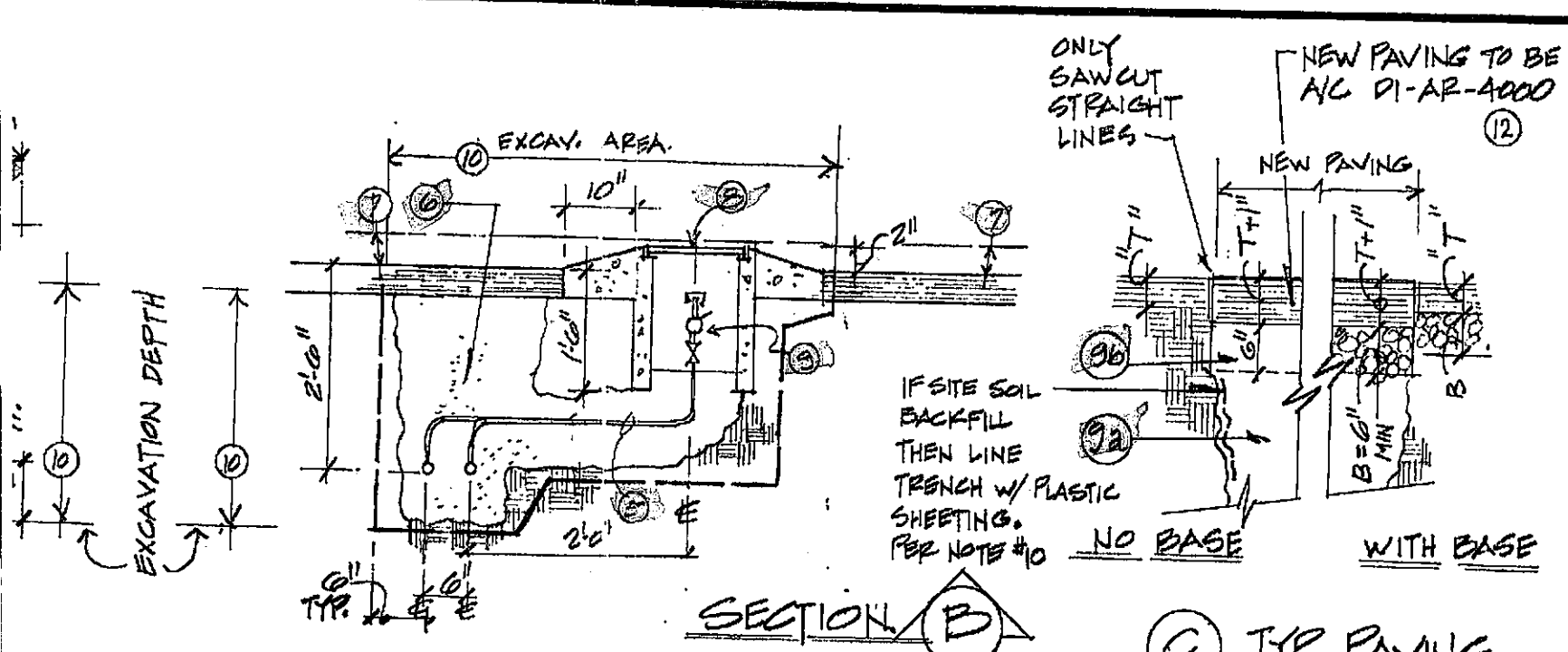


EDGE WATER DRIVE



- 10 Area contractor shall bid for soil excavation. Area is to be 6" below and to the sides of all hydrant system fuel piping, as shown in the 1" = 60'-0" site plan. Contractor's base bid for all paving, pipe and soil removal shall be this 6" envelope. For purposes of calculating the base bid the contractor shall assume backfilling with site soil once all piping, risers and curb boxed are removed, and then re-paving to match the existing per detail "C". Before backfilling, the trench is to be continuously lined with 6 mil. (.006"), polyethylene sheeting with taped and lapped edges to prevent contact of backfilled soil with the undisturbed soil surrounding the trench. Sheeting edge laps to be 6", min, and end laps to be 1'-6" min., Sheeting edges to be continuously taped with duct tape.
- 11 Imported Backfill Materials: Backfill material shall be naturally rounded aggregate (pea gravel), with particle size no less than 1/8" or more than 3/4" in diameter, clean and free flowing. Class 2 backfill is acceptable with approved compaction and inspection prior to covering.

FUELING SITE



SECTION B
C TYP PAVING REPLACEMENT

12 Asphalt-Concrete Materials: New asphalt paving over trenches shall extend 1' below the thickness of the surrounding existing pavement. Asphalt Concrete Paving shall comply with City of Oakland Standard Specifications for Public Works Construction, Sect. 203-6. The Asphalt Concrete mixture shall be in accordance with Section 203-6.3.2 as follows:

Application	A.C. Class	Liquid Asphalt	Aggregate
Driveway and Parking lots	D1	Viscosity Grade AR-4000 Flash point 440 degF.	3/8" dia., 5 to 8% Asphalt binder

New trenching paving to be installed in one course. Asphalt to be applied within the temperature range of 285 to 350 degrees F. Spread new paving out over a compacted, rock, or non-rock base, (to match existing). Once base is compacted, and prepared, a prime coat of consisting of Grade SC-250 liquid asphalt shall be applied to fill all voids, and make a smooth, surface. Apply at a rate of 0.10 - 0.25 gallons per square yard.

The testing laboratory will perform one series of compaction tests for the stabilizing base course and for asphalt pavement. Payment for costs of additional testing required due to improper performance of work, will be borne by the Contractor. Do not place asphalt pavement until results of the density test performed by the testing laboratory have been verified and base course installation approved. Furnish a certified weight or load slip to the City Inspector for each load of material used in the construction of the asphaltic concrete pavement.

As soon as all paving is placed, it shall be thoroughly compacted by rolling with a self-propelled roller capable of at least 325 lbs./per sq. in. of tire width.

13 Prime Coat/Tack Coat Materials: Liquid Asphalt tack coat shall be AR-4000 in accordance with subsection 203-1 of the Standard Specifications Grade SS-1h, emulsified asphalt, spray applied at a rate of 0.05 to 0.10 gallons per square yard. The tack coat shall be applied within the temperature range of 290 to 365 degrees F.

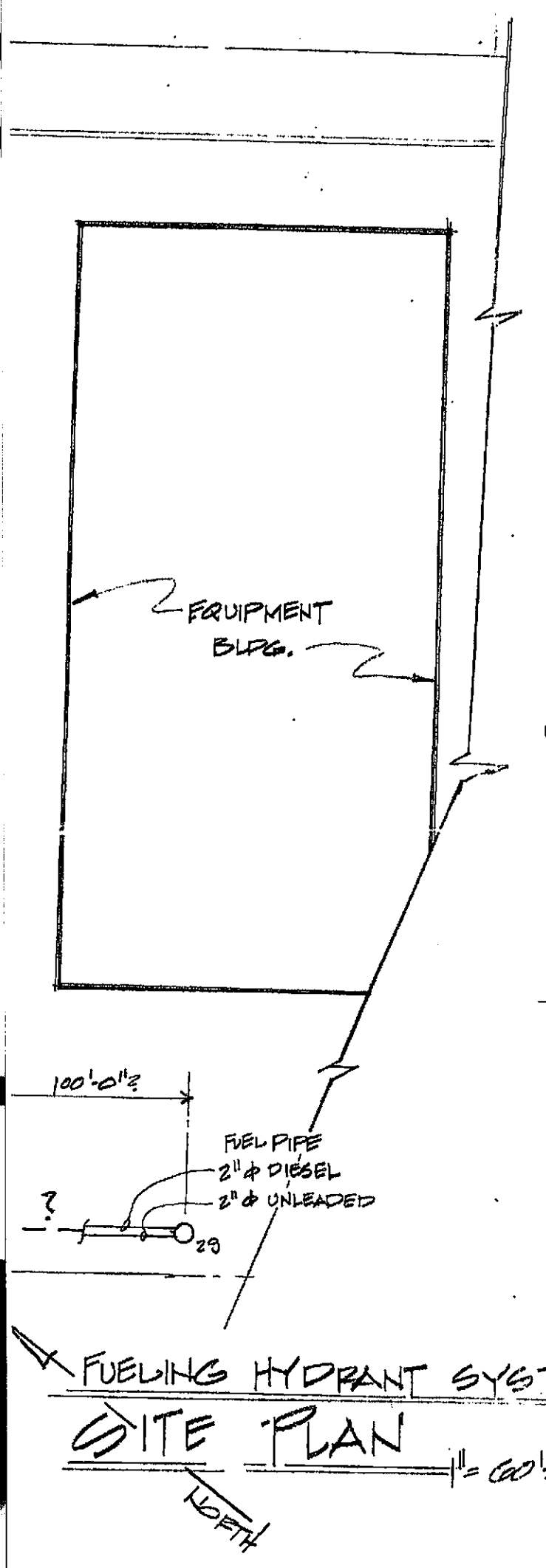
14 Contractor to also provide a bid price for each item a to m.:

- Pipe/Hydrant Station Removal**
- a) Fuel pipe excavation, removal and legal off-site disposal. Price per one linear foot for a pair of 2" dia., steel pipes, buried 40" max., below grade, and laid 6" apart. Price includes break up and removal or existing surface paving, 5" thk., max.
 - b) One fuel hydrant station removal. Price includes legal off-site disposal of pipe, removal of curb box and lid and break up and removal of existing surface paving, 5" thk., max.

- Re-paving/Backfilling**
- c) Re-paving over compacted excavation per drawing detail "C", and Note #12. Price per one sq. ft. of new paving surface.
 - d) Soil backfilling and compaction per detail "C". Price per one cu. yd. of soil placed.
 - e) Importing pea gravel to be used for backfill, or paving base, delivered to the site. Price per one cu. yd. of gravel, (material only).
 - f) Labor to place imported backfill. Price per one cu. yd. Of soil placed.

- Contaminated Soil Disposal**
- g) Excavation and site stockpiling of soil. Price per one cu. yd. of soil.
- Transport and legally dispose of stockpiled soil from site to one of the following landfills. Price per one cu. yd. of soil. Provide a price for each, (h-k).
- h) Class I, (RCRA)
 - i) Class I, (non-RCRA)
 - j) Class II
 - k) Class III

- Items not found in site survey**
- l) Removal of fueling Island piping per note 2
 - m) Capping of abandoned lines per note 3



FUELING HYDRANT SYSTEM
SITE PLAN
 NORTH

COST CENTER NO. 6820
 PROJECT NO. C
 SHEET NO. FHSR-1 OF 1
 DATE: 10/31/97
 DRAWN BY: JK.
 CHECKED BY:
 DRAWING NO. 2B-1540

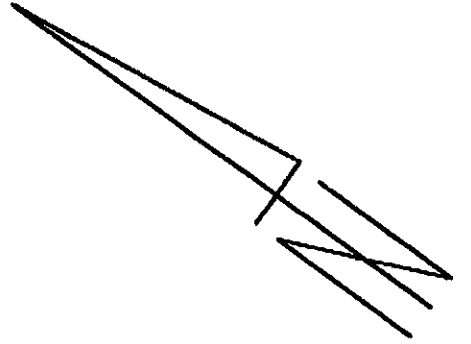
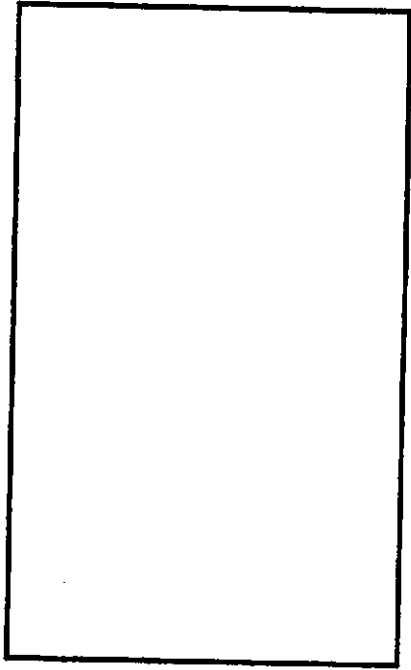
FUELING HYDRANT SYSTEM. REMOVAL.
EXCAVATE & REMOVE AUTO FUELING HYDRANT SYSTEM
IN REAR PARKING LOT AT
MUNICIPAL SERVICE CENTER
 7101 EDGEWATER DRIVE

CITY OF OAKLAND
PUBLIC WORKS AGENCY

60 8
 700 60
 480 480

7.27 7.70
MW 2 ○ MW 2 CAP
TOP OF CASING

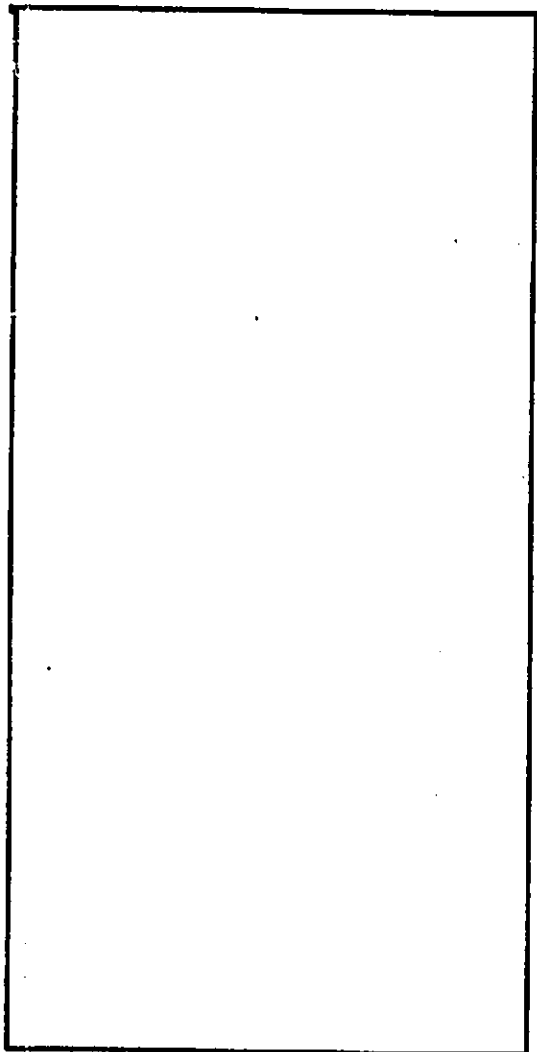
6.83 7.16
MW 1 ○ MW 1 CAP
TOP OF CASING



NOTES:

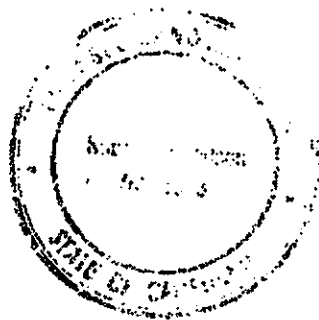
- 1) Elevations are based on City of Oakland Datum.
- 2) Bench mark used is designated by the City as "BM 26 NE 6 eastside SW area bridge south of Hassler, EL. = 9.48 (used for service settlement only)"
- 3) Field work was performed on 6-16-95.

8.45
MW 5 CAP
8.15
MW 5 Top of Casing

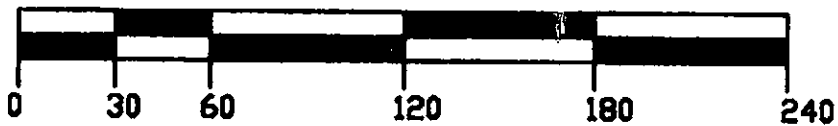


8.66
OMW 7 CAP
8.48
MW 7 Top of Casing

8.33
OMW 6 CAP
7.93
MW 6 Top of Casing



GRAPHIC SCALE



SURVEY OF : Wells and Buildings at
7101 Edgewater Dr., Oakland

FOR : BASELINE ENVIRONMENTAL CONSULTING

BATES AND BAILEY

LAND SURVEYORS

15 SHATTUCK SQ., BERKELEY, CA 94704

PHONE 510-843-1111

SCALE : SEE GRAPHIC

DATE : 7-14-95

DRAWN BY :

JOB NUMBER :

Laura M. Bates