

UNDERGROUND

Street lighting standards shall be as shown by Drawing No. 400.1 page 40 of Uniform Standard Drawings and must conform to Sections 400 and 405 and any other applicable sections of the Uniform Standard Specifications.

On 80' R/W streets there shall be 2 poles on diagonal corners.

On 100' R/W streets there shall be one pole at each corner.

High Pressure Sodium Luminaires to be used on 51' R/W and 60' R/W streets shall be 100 watt, 240 volt I.E.S. distribution type 3, with integral constant wattage ballasts, similar to General Electric Type M250A catalogue #7286584 or approved equal.

High Pressure Sodium Luminaires to be used on 80' R/W streets and over, shall be 250 watt 240 volt, I.E.S. distribution type 3 with integral constant wattage ballast similar to General Electric Type M-400A, Catalogue #7246804 or approved equal.

100 watt High Pressure Sodium Lamps shall be Sylvania LU100 or approved equal.

250 watt High Pressure Sodium Lamps shall be Sylvania LU250 or approved equal.

Photo Cell and Control to be 120 Volts. Fisher-Pierce 6660 or approved equal.

Spacing of standards shall be 180 feet maximum on 51' R/W and 60' R/W streets on one side.

Spacing of standards shall be 180 feet maximum on 80' R/W streets on each side and staggered.

Spacing of standards on 100' R/W streets or more shall be 120 feet maximum on each side and staggered.

Sch. 40 Rigid Non-Metallic Conduit (PVC) or approved equal complying with Article 347 of the National Electrical Code may be used for underground applications and to be within 12" back of curb and 24" cover.

Fuse Holders and Connectors shall be installed in the bases of all lighting standards, the fuse holders shall be Buss-Tron-Hex-AA, with rubber boots.

Base covers for lighting standards are not to be installed before breakout caps are placed and inspected. All material used in underground wiring, in breakout caps and under base covers to be inspected before installation.

Foundations shall be constructed and located to line and grade as directed by the Field Engineer.

Lighting Standard and Mast Arm Cable to luminaire shall be 10/2 U.F. Type 600 Volt copper cable.

The Contractor shall be responsible for avoiding damage to property, either public or private and in the event of such damage, shall make satisfactory repairs at his own expense.

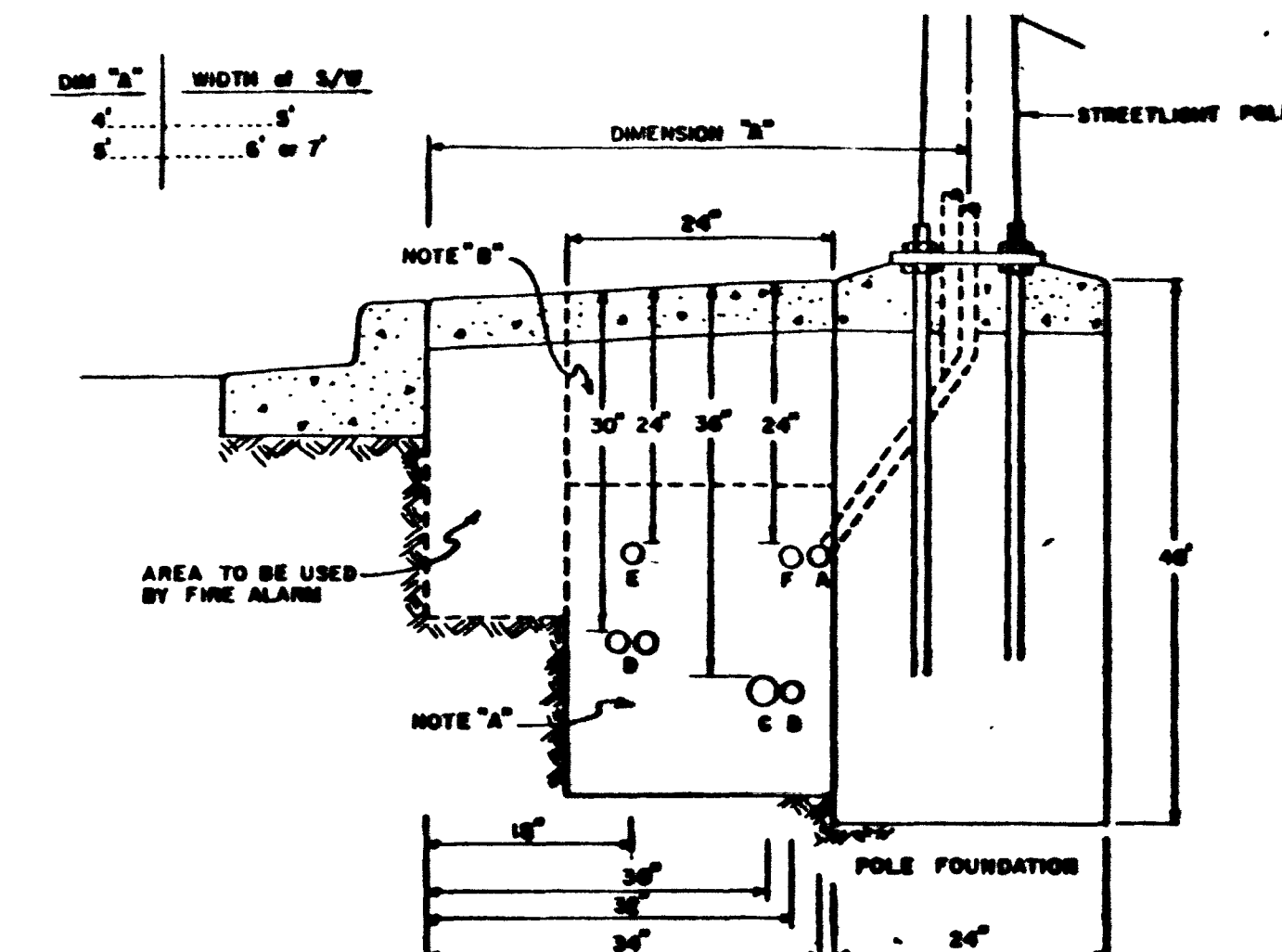
The Contractor shall furnish complete service to transformers and control systems, if required.

The Service Point standard is to be installed at the approved location shown on plans and to conform to drawing #401.1 page 44 of the Uniform Standard Drawings.

In the selection of 100 and 250 Watt High Pressure Sodium Luminaires to be used in a particular development one approved manufacturer shall be specified.

These specifications to become effective on all City of Las Vegas Multiple Street Lighting Designs approved on or after June 1, 1977.

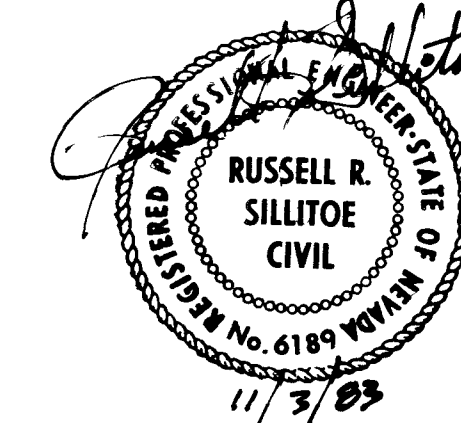
These specifications shall be superseded by any revised specifications in existence at the time of installation.



APP'D./DIR. OF PUBLIC SERVICES	SPECIFICATION REFERENCE
623 6.02.01	623 6.03.08
623 6.03.04	
TYPICAL UTILITY LOCATIONS IN A COMMON TRENCH IN SUBDIVISIONS	UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION CITY OF LAS VEGAS

REVISIONS

SOUTHERN NEVADA MEMORIAL HOSPITAL
LAS VEGAS, NEVADA
PAVING PLAN FOR LOTS 9-15
(WOODLAND PARK SUBDIVISION)



ALCA ENGINEERING & SURVEYING INC.	CIVIL ENGINEERING - SURVEYING
2765 SOUTH HIGHLAND DRIVE • SUITE NO. 103 LAS VEGAS, NEVADA 89109 • (702) 732-2105	
SCALE (H) 1" = 20'	SCALE (V) 1" = 10'
DR. M.E.F.	JOB NO. 7712-1-12
SECTION 23 T 205, R 6 E (T-1 & T-2)	SHEET 9 OF 4

LEGEND	
EX. CONC. BLOCKWALL	
EXISTING CHAIN LINK FENCE	
EX 1 1/4" STREET LIGHT CONDUIT	
PROPERTY LINE	
AC PAVMT.	A.C. PAVEMENT
SW	SIDEWALK
BC	BACK OF CURB
TC	TOP OF CURB
PP	POWER POLE
FL	FLOWLINE
(6.00)	EXIST. ELEVATION
0.00	DESIGN ELEVATION
EDGE PAVING	
PROPERTY LINE	
NEW A.C. PAVEMENT	
GRADE BREAK	
W.V.	WATER VALVE
STREET LIGHT 100 W. H.P.S.	

QUANTITY ESTIMATE

OFF-SITE

4" CONCRETE SIDEWALK

TYPE II GRAVEL BASE

REMOVE & REPLACE EX. DRIVEWAYS - LUMP SUM

- 1 100 W. HIGH PRESSURE SODIUM LUMINAIRE 1 EACH
- 2 1 1/4" R.V.C. CONDUIT 140 LF

ON-SITE

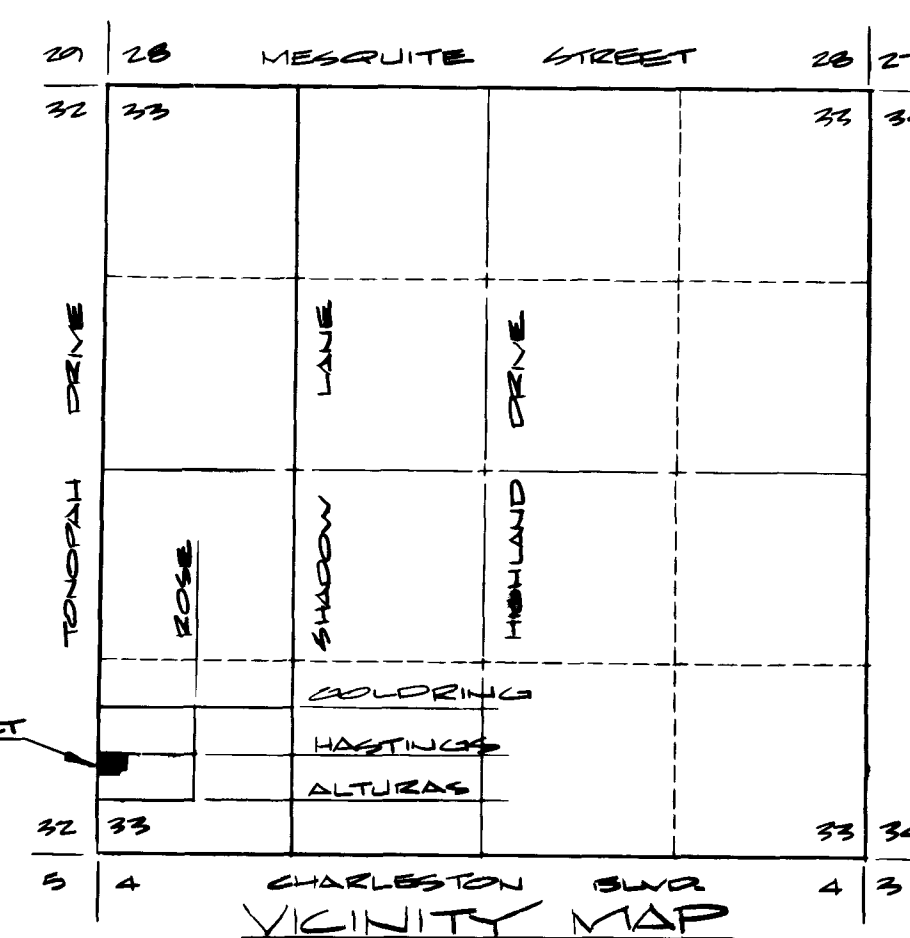
2" A.C. PAVEMENT

2" x 6" REDWOOD HEADER

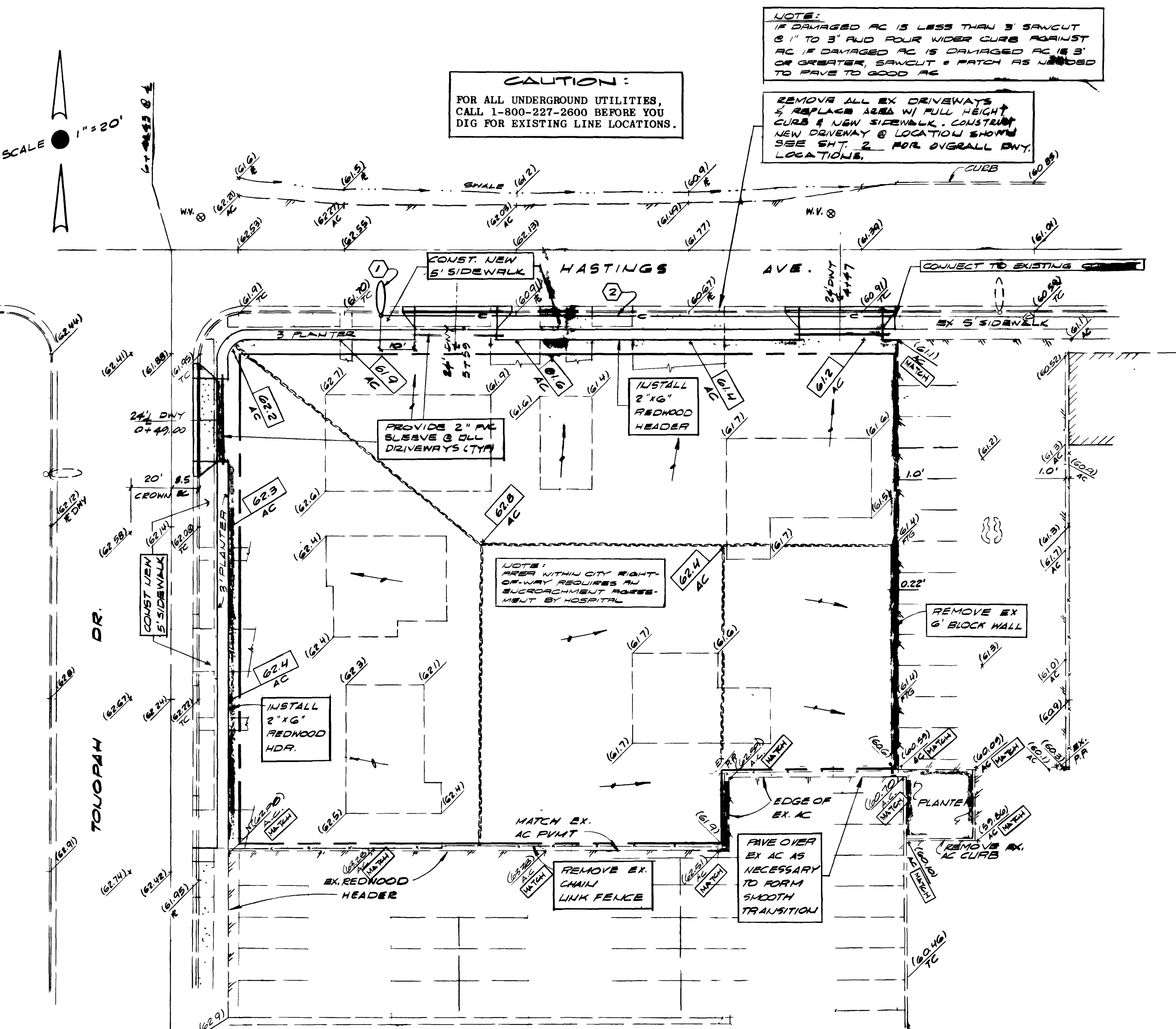
TYPE II GRAVEL BASE

3081 CY
342 LF
468 CY

BENCHMARK:
N. RIM OF MANHOLE @ INTERSECTION
OF SHADON LANE & ALTURAS AVE.
ELEVATION = 2034.40



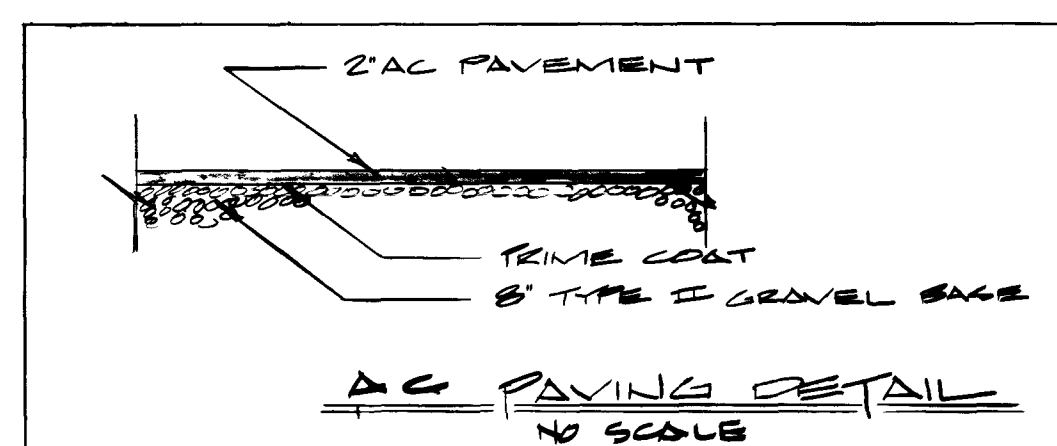
SHOW LUMINAIRE & CONDUIT	APP	RRS	1/5/84
DESCRIPTION	BY	APPROVAL	DATE



CAUTION:
FOR ALL UNDERGROUND UTILITIES,
CALL 1-800-227-2600 BEFORE YOU
DIG FOR EXISTING LINE LOCATIONS.

NOTE:
IF DAMAGED AC IS LESS THAN 3' SAWCUT
3" TO 3" AND FOUR WIDER CURB AGAINST
AC IF DAMAGED AC IS DAMAGED AC IS 3'
OR GREATER, SAWCUT & PATCH AS NEEDED
TO PAVE TO GOOD AC

REMOVE ALL EX DRIVEWAYS
& REPLACE AREA W/ FULL HEIGHT
CURB & NEW SIDEWALK. CONSTRUCT
NEW DRIVEWAY @ LOCATION SHOWN
SEE SHT. 2 FOR OVERALL DWT.
LOCATIONS.



NOTES

- CONTRACTOR SHALL REMOVE ALL FENCES, STRUCTURES, FOUNDATIONS, ALGAS, ABANDONED UTILITY LINES, ETC... FROM SITE AND BACKFILL ANY EXCAVATIONS CAUSED BY SAND REMOVAL. REMOVAL & BACKFILL IS NOT A PAY ITEM.
- CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE ANY AC DAMAGED DURING CONSTRUCTION.
- SEE SUBST. 1 FOR OVERALL PARKING LAYOUT

APPROVALS

Eugene Logan 1/17/84
George Ferris 1-17-84

NEVADA POWER COMPANY DATE 1-26-84
CITY OF LAS VEGAS DATE

