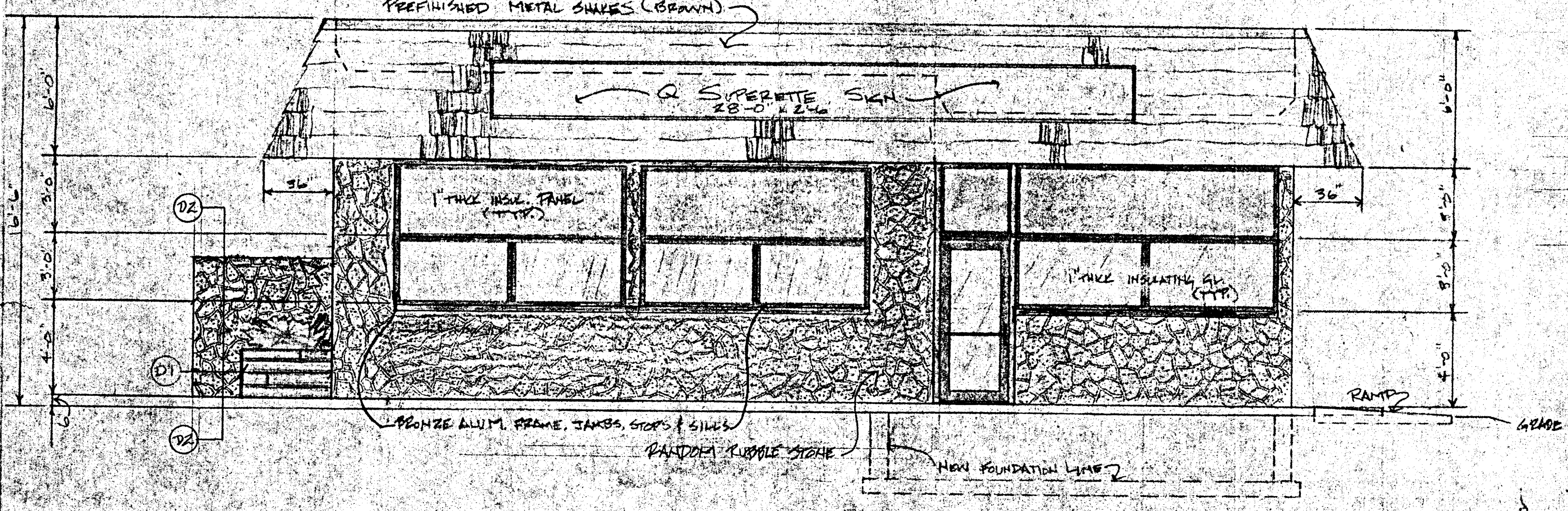
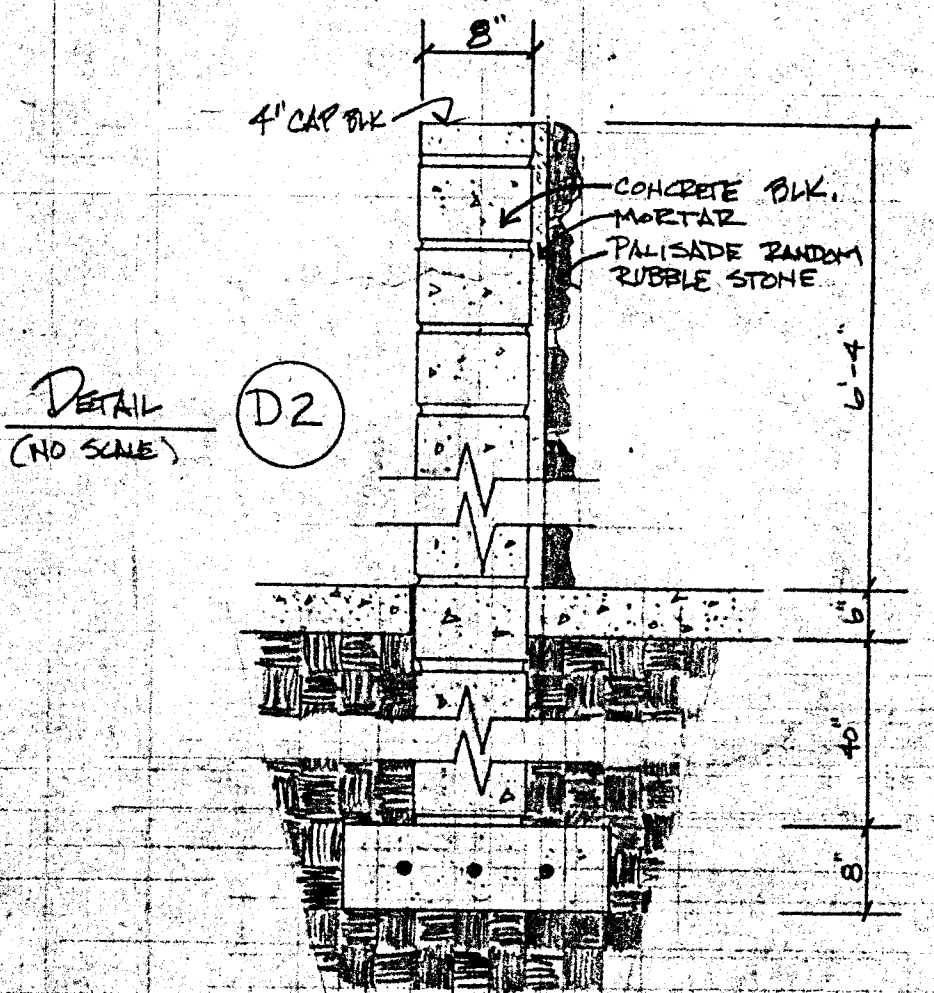
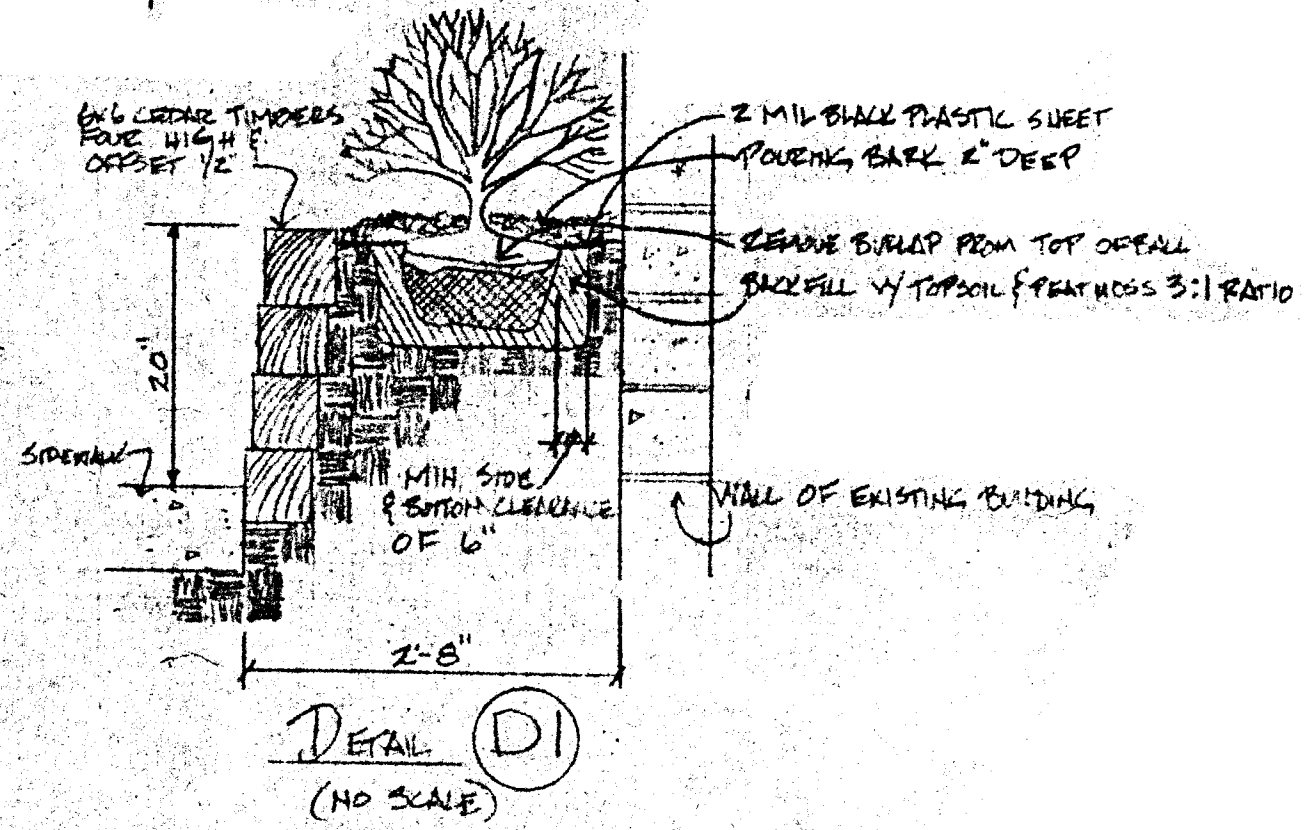


**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

**LANDSCAPING NOTES & DETAILS (BUILDING PERIMETER)**



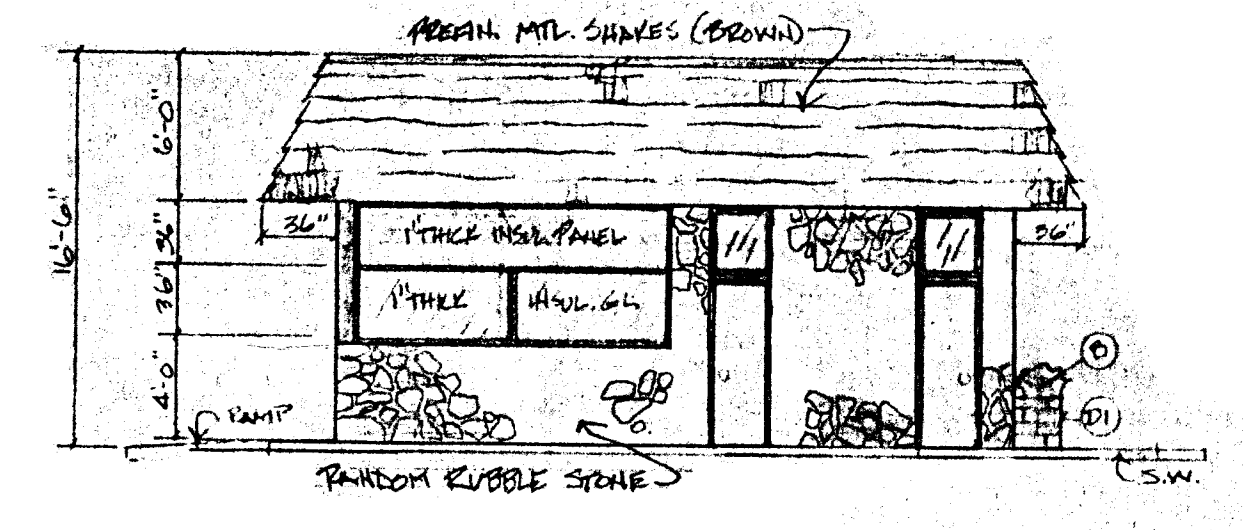
**LANDSCAPING NOTES & LEGEND (SITE PLAN & BUILDING PERIMETER)**

**LEGEND**

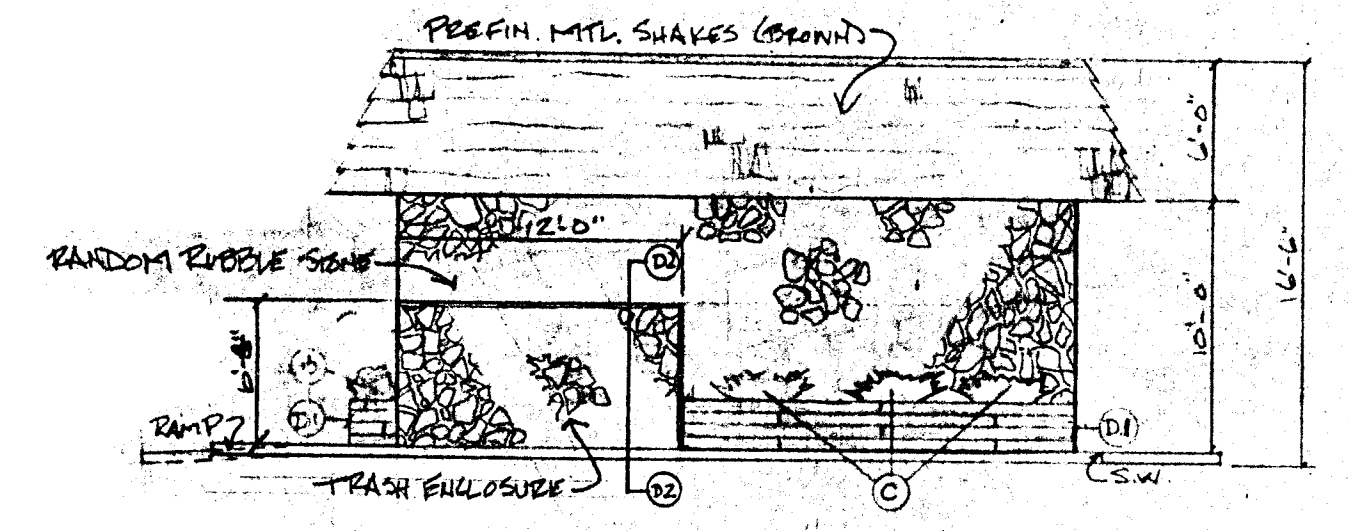
- (A) (SITE PLAN) GROUPING OF 4 (FOUR) WINTER CREEPER (EVONYMUS FORTUNEI) ZONE 2, REGION 1 THRU 6. 12" TO 24" IN DIAMETER & 18" TO 24" IN HEIGHT.
- (D) (SITE PLAN - BUILDING PERIMETER) MUGO PINE (PINUS MUGO MUGHUS) ZONE 2, REGION 1, 2, 4, 5, 6. 18" TO 24" IN DIAMETER & 18" TO 24" IN HEIGHT.
- (C) (BUILDING PERIMETER) PITZER JUNIPER (JUNIPERUS CHINENSIS, PITZERIANA) ZONE 4, REGION 1, 2. 12" TO 24" IN DIAMETER & 18" TO 24" IN HEIGHT.

**NOTES**

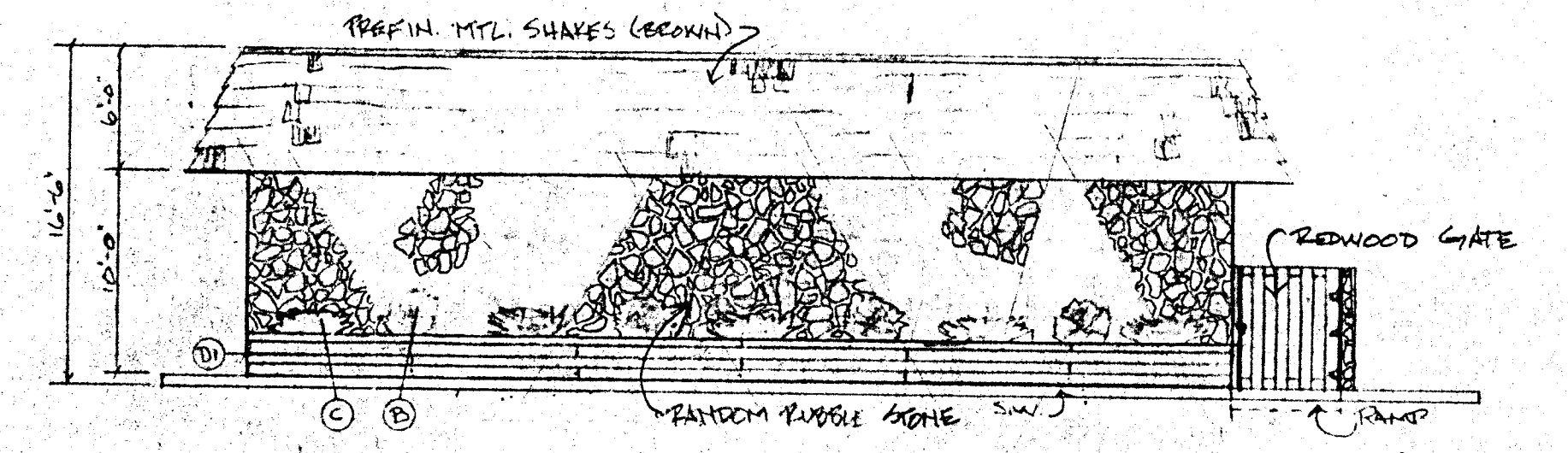
1. ALL PLANTING SPECIES TO BE BALLED & BURLAPPED
2. ALL PLANTING AREAS TO BE BARK FILLED AND TAMPED. COVER W/ 2 MIL BLACK PLASTIC WEED CONTROL SHEETING. POURED BARK SHOULD BE NO LESS THAN 2" THICK
3. NEW SOD WHERE REQUIRED, (SEE SITE PLAN) WILL BE INSTALLED ACCORDING TO CITY SPECIFICATIONS.



**RIGHT SIDE ELEVATION**  
SCALE: 1/8" = 1'-0"



**LEFT SIDE ELEVATION**  
SCALE: 1/8" = 1'-0"



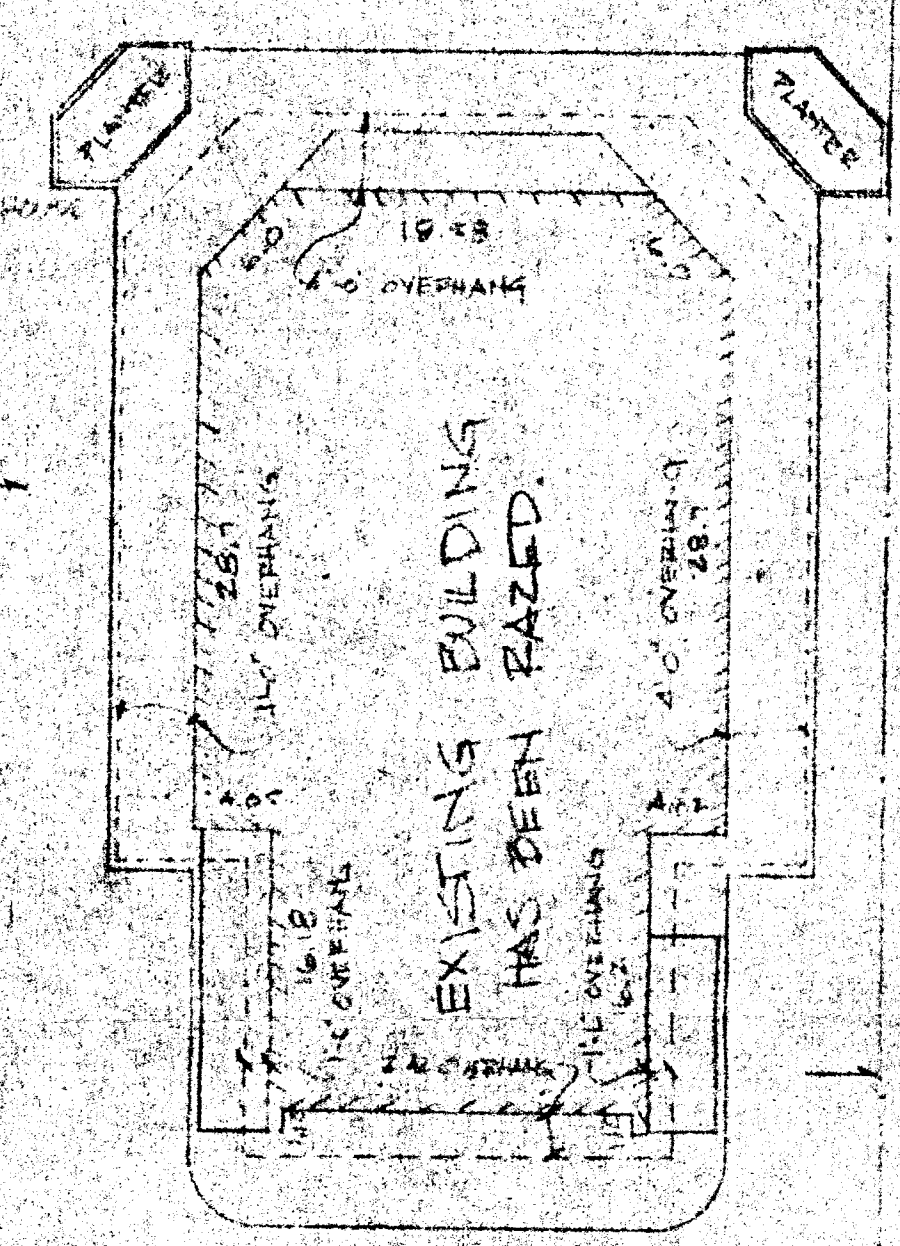
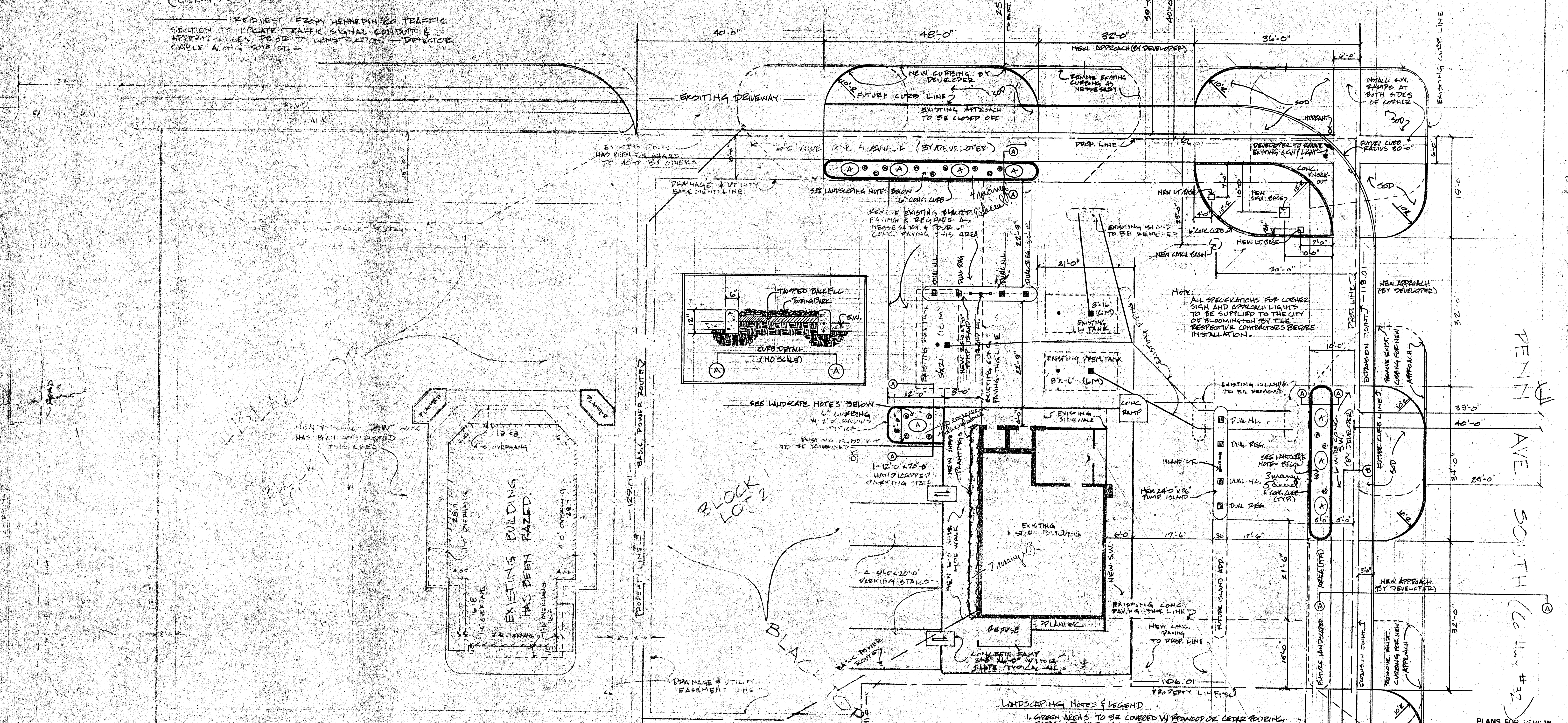
**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"

|   |                              |  |
|---|------------------------------|--|
| <b>PETROLEUM</b>                            |                              | 1 ORIGINAL BEING KEPT IN ARCHIVE<br>1 SET FOR ARCHIVE<br>1 SET FOR CLIENT<br>1 SET FOR PERMIT<br>1 SET FOR RECORDS<br>1 SET FOR CONSTRUCTION |
| DRAWN BY: J. J. J.<br>APPROVED BY: J. J. J. | SCALE: 1/4" = 1'-0"<br>NO. 1 |  |

**NOTES**

PERMIT REQUEST FROM CITY FOR SIDEWALK & CURBING WORK DONE ALONG WEST ST.  
 PERMIT REQ. FOR PENN COUNTY SIDEWALK CURBING WORK DONE ALONG PENN AVE (CITY # 32)  
 REQUEST FROM HENNEPIN TO TRAFFIC SECTION TO LOCATE TRAFFIC SIGNAL CONDUIT & APPROXIMATE PRIOR TO CONSTRUCTION - DETECTOR CABLE ALONG 90th ST.

**WEST 90<sup>TH</sup> STREET**



- LANDSCAPING NOTES & LEGEND**
- 1. GREEN AREAS TO BE COVERED W/ PENNARD OR CEDAR POWDER, BACK OF CARPS OVER 2 MIL BLACK PLASTIC FOR WEED CONTROL
  - LEGEND**
  - (A) - GROUPING OF 4 WINTER CEDARS (EUONYMUS FORNICE) SIZE: 12" TO 24" IN DIAMETER AND 6' TO 12' IN HEIGHT
  - (B) - MUDDY PINE EVERGREEN SHUB (PINES TRIMMING MUMMUS) SIZE: 18" TO 24" IN DIAMETER AND 18" TO 24" IN HEIGHT

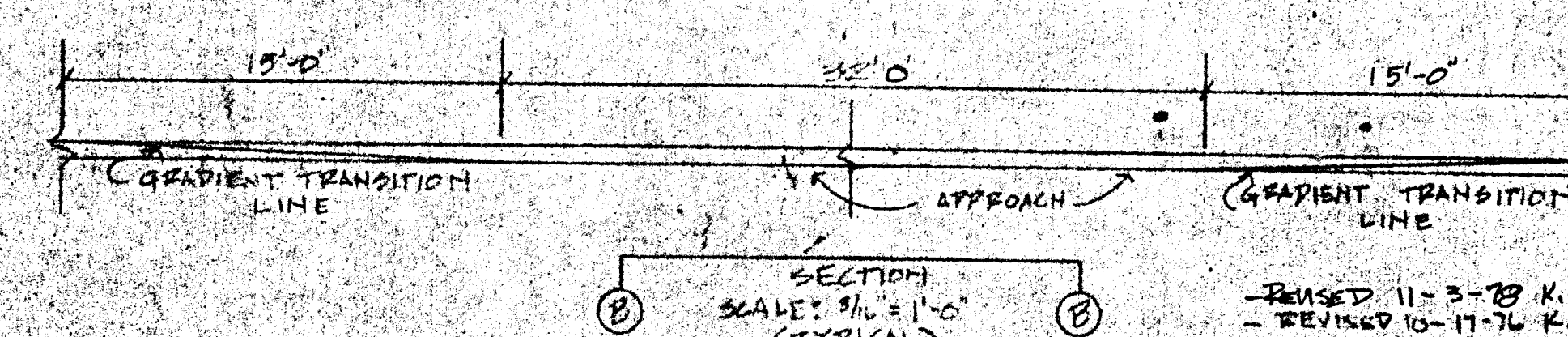
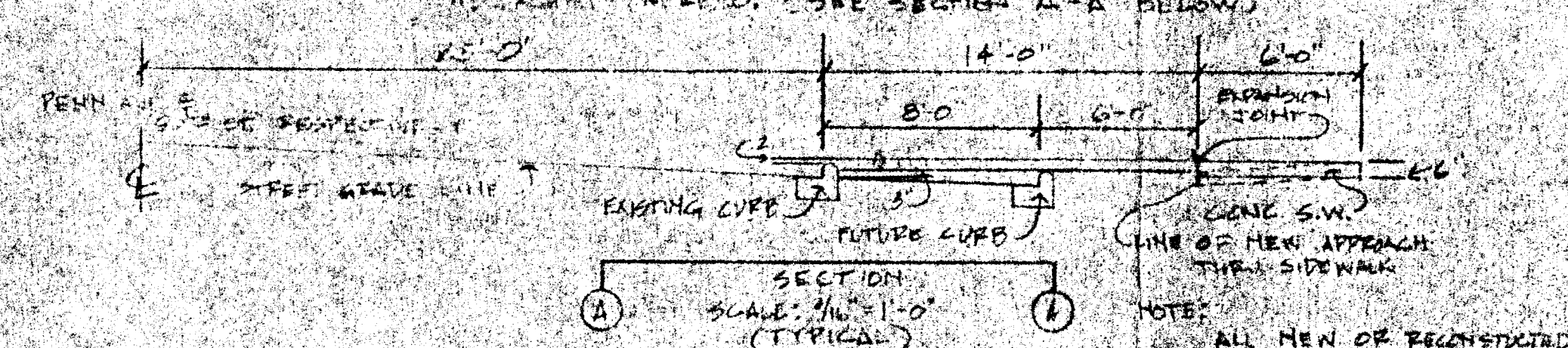
PLANS FOR REVIEW AND APPROVAL/COMMENT  
 DATE Dec 6, 1978  
 SUBJECT Block 14, Permit  
lands cape Plan Attached  
 TO Arlyn Grossman  
 DEPT. Planning  
 RETURN TO Dick Nelson  
 DEPT. B & E Plan Check

**NOTE: A**  
 THE SECTIONS OF NEW SIDEWALK THRU THE THREE NEW APPROACH AREAS (2 ON PENN AVE, 1 ON WEST 90<sup>TH</sup> ST) BE SET SUCH THAT THE EDGE OF THE SIDEWALK NEAREST THE STREETS BE SET AT AN ELEVATION 1.5' ABOVE THE EXISTING CURB LINE AS SHOWN THEREIN. (SEE SECTION A-A BELOW)

**NOTE: B**  
 THERE SHOULD BE A MINIMUM 15' LONGITUDINAL DISTANCE EACH SIDE OF NEW OR RECONSTRUCTED APPROACHES TO ACCOMPLISH THE GRADIENT TRANSITION FROM THE FOREGOING NOTES AND. (SEE SECTION B-B BELOW)

**SITE OPERATING NOTES**

1. NO ON STREET PARKING.
2. NO PARKING IN CIRCULATION LINES OR FIRE LINES.
3. ALL APPROVED PARKING STALLS TO BE DESIGNATED BY WHITE SURFACE MARKINGS.
4. FUTURE EXTENSION OF CENTER MEDIAN CHANNELIZATION ON PENN AVE & 90<sup>TH</sup> ST. THESE PROPERTIES NEAR INTERSECTION OF 90<sup>TH</sup> & PENN. RESULTING IN RIGHT TURN INGRESS - EGRESS ONLY FROM THE TWO SETS OF DRIVES BETWEEN THIS PROPERTY & PENN AVE & 90<sup>TH</sup> ST. RESPECTIVELY. IS HEREBY RECOGNIZED BY DEVELOPER. (SCHEDULED FOR 1979)



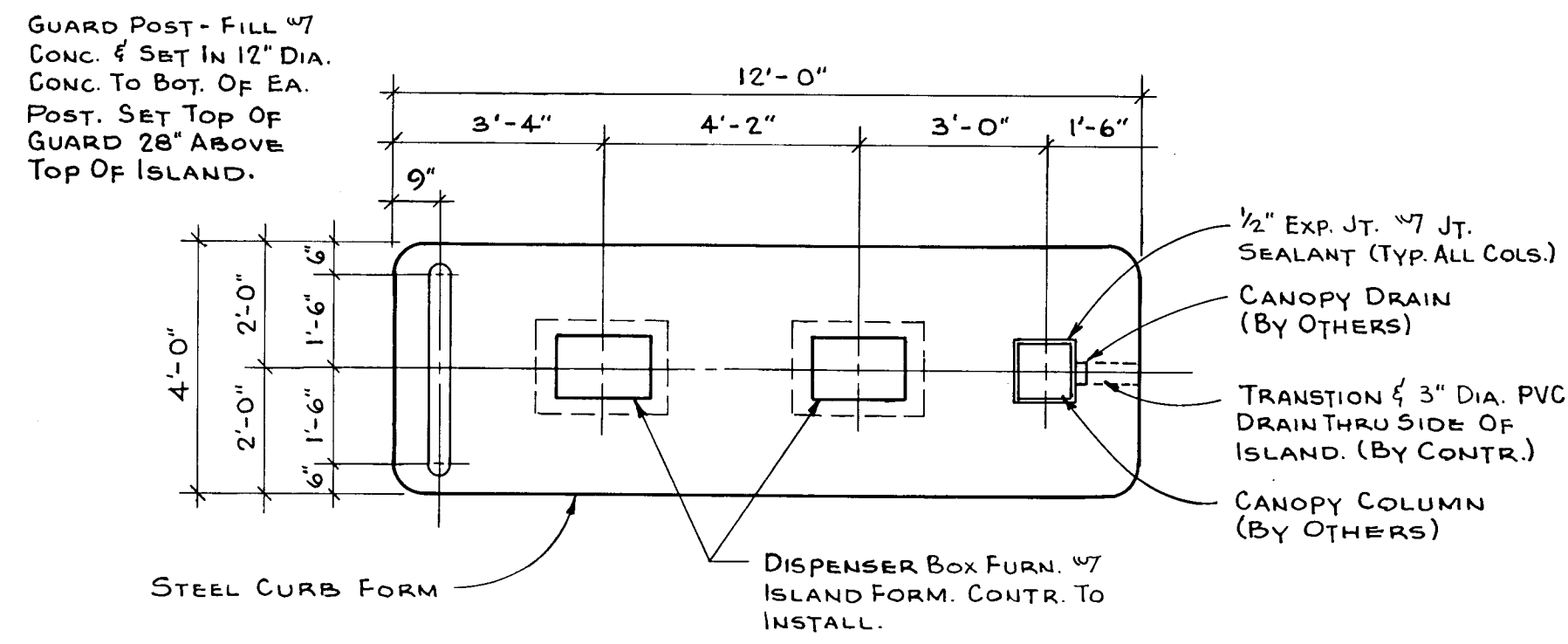
**PETROLEUM**

ORIGINAL REVISED  
 DATE: 11-3-78 K.G.  
 10-17-76 K.G.  
 7-28-76 K.G.

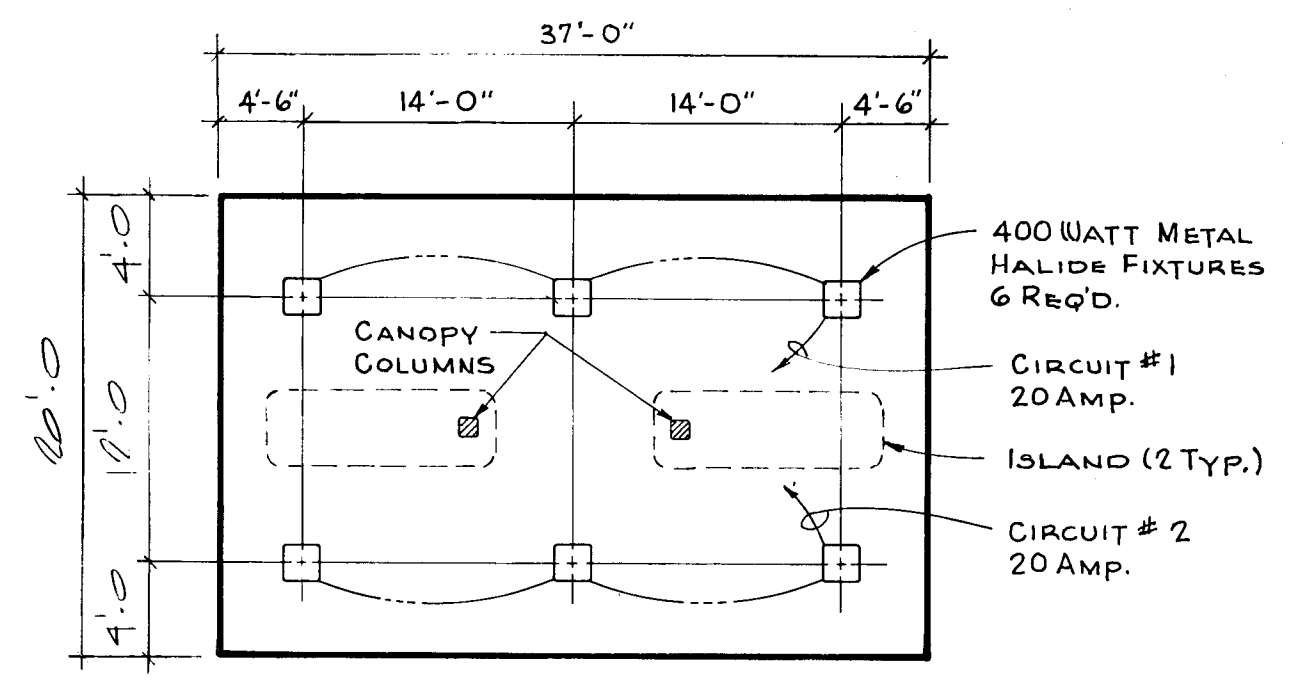
SITE PLAN  
 WEST 90<sup>TH</sup> ST & PENN AVE SO.  
 BLOOMINGTON, MINNESOTA

DRAWN BY: K.G.  
 SCALE: 1" = 10'-0"  
 APPROVED BY: [Signature]  
 NO. 1

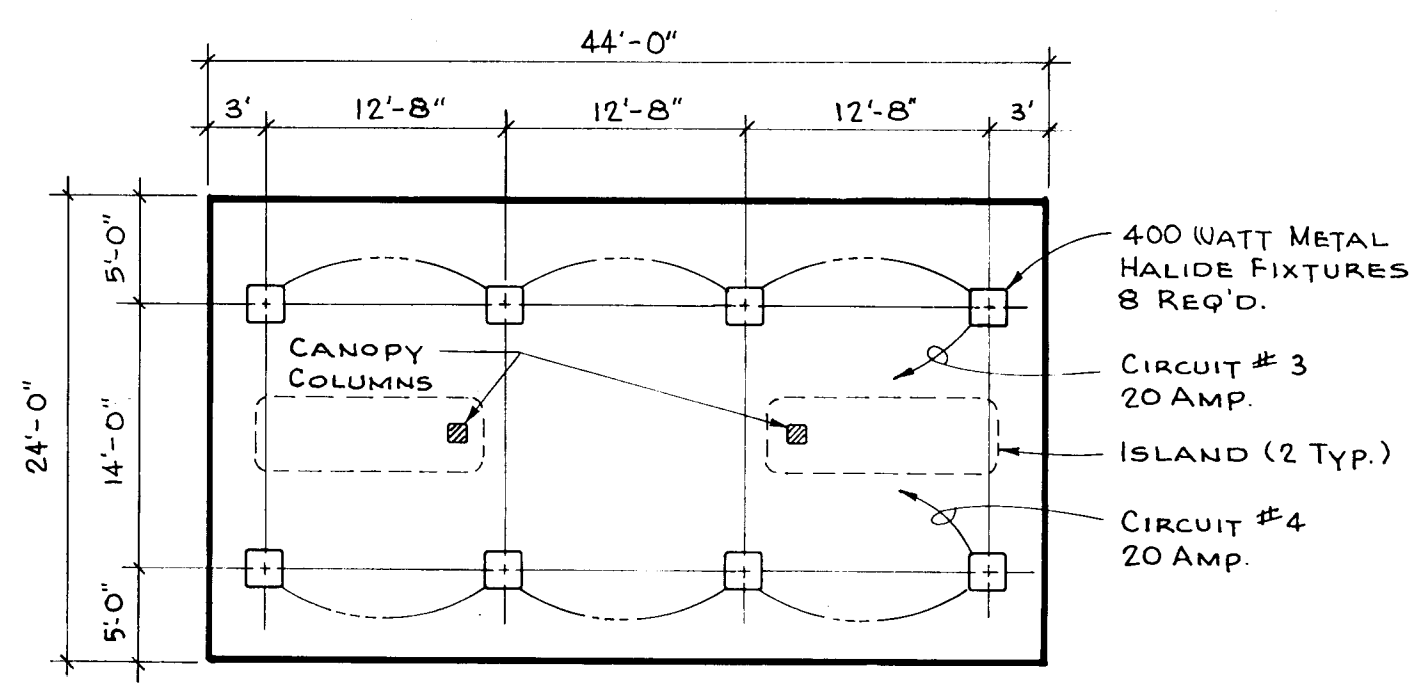
**NOTE: C**  
 THE SECTIONS OF NEW SIDEWALK BETWEEN THE APPROACHES THRU THE 2<sup>ND</sup> & 3<sup>RD</sup> SETS OF SIDEWALK NEAREST THE STREETS AT 2' ABOVE THE TOP OF THE EXISTING CURB ADJACENT THERETO. (SEE SECTIONS A-A ABOVE)



PLAN ISLAND DETAIL  
SCALE 3/8" = 1'-0"



20'x37' CANOPY CANOPY LIGHTING LAYOUT  
SCALE 1" = 10'-0"



24'x44' CANOPY CANOPY LIGHTING LAYOUT  
SCALE 1" = 10'-0"

- SCOPE OF WORK**
- The work to be performed according to these plans consists of, but is not limited to, the following:
- Remove existing dispensers and reinstall per recommendations of Owner's Representative.
  - Remove existing island light fixtures and poles and retain for Owner's disposal.
  - Remove existing concrete islands and concrete drive area for installation of product piping, electrical conduit, new islands and storage tank removal.
  - Remove existing underground storage tanks (2-6,000 and 3-10,000 gallon) and install four (4) new STIP3 tanks (1-12,000 and 3-6,000 gallon) as shown. New installation and disposal of existing tanks per specifications.
  - Backfill existing tank hole with structural fill material as specified. See NOTE.
  - Install new 2" fiberglass product piping from storage tanks to all islands and connect to dispensers.
  - Extend existing electrical conduit to match dispensers on new islands. Install new conduit if existing cannot be used.
  - Install new electrical conduit to U.G. tanks per specifications.
  - Install new dispenser islands and "U" pipe guards. Trowel finish concrete surface.
  - Install footings for new canopies. Canopies to be installed by others.
  - Install canopy light fixtures furnished by Owner.
  - Use existing island light conduit for canopy lighting circuits. Install new 3/4" galvanized conduit, if existing conduit cannot be used.
  - Replace concrete drive areas removed for construction.

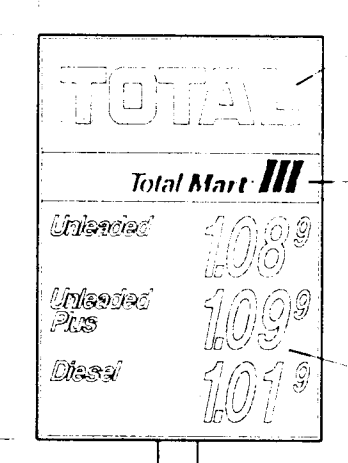
**NOTE**  
Remove existing underground storage tanks and backfill with structural fill material compacted to 95% Proctor density. Backfill operation shall be observed, tested and approved by Soils Engineer.

- LEGEND**
- ⊕ 3/4HP SUBMERSIBLE PUMP W/ LEAK DETECTOR VALVE - SEE DETAIL DWG.
  - ⊕ 4" FILL PIPE RISER W/ SUBMERSIBLE FILL TUBE - SEE DETAIL DWG.
  - ⊕ ELECTRONIC GAUGE - SEE DETAIL DWG.
  - ⊕ 4" EXTRACTOR VALVE / VENT VALVE - SEE DETAIL DWG.
  - ⊕ 3" VAPOR RECOVERY ADAPTER - SEE DETAIL DWG.
  - ⊕ 4" PLUS

**Contaminated Soil**  
Contractor shall assume that all material excavated from within the areas designated by the following legend will be considered to be "nonhazardous special waste" and shall be transported to Clean Soils, Inc., St. Paul, MN.

| Designation | Description                          | Estimated Quantity |
|-------------|--------------------------------------|--------------------|
| ---         | Excavate to 13' below finished grade | 944 CY             |
| .....       | Excavate to 3' below finished grade  | 42 CY              |

Estimated quantities are based on "in place" volume. Contractor's bid shall include the cost of excavation and transportation of nonhazardous special waste and furnishing and installation of structural fill compacted to 95% of standard Proctor density or bedding material as specified for backfill of tanks and piping. Waste characterization fees and disposal fees will be paid directly by Total Petroleum, Inc. Any additional excavation shall be approved by Total Petroleum, Inc.'s representative.

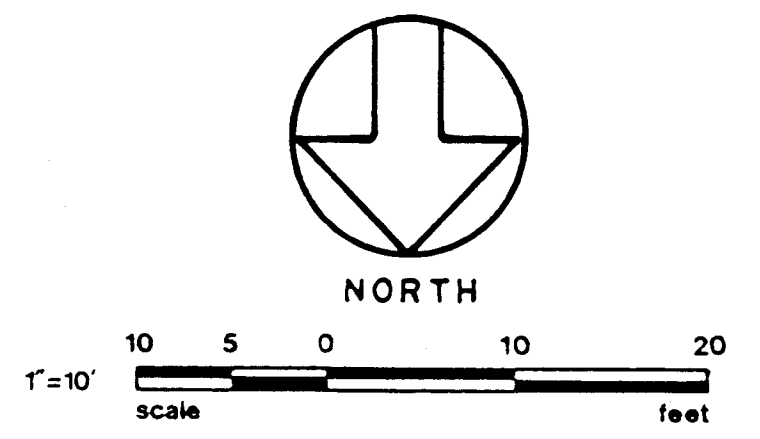
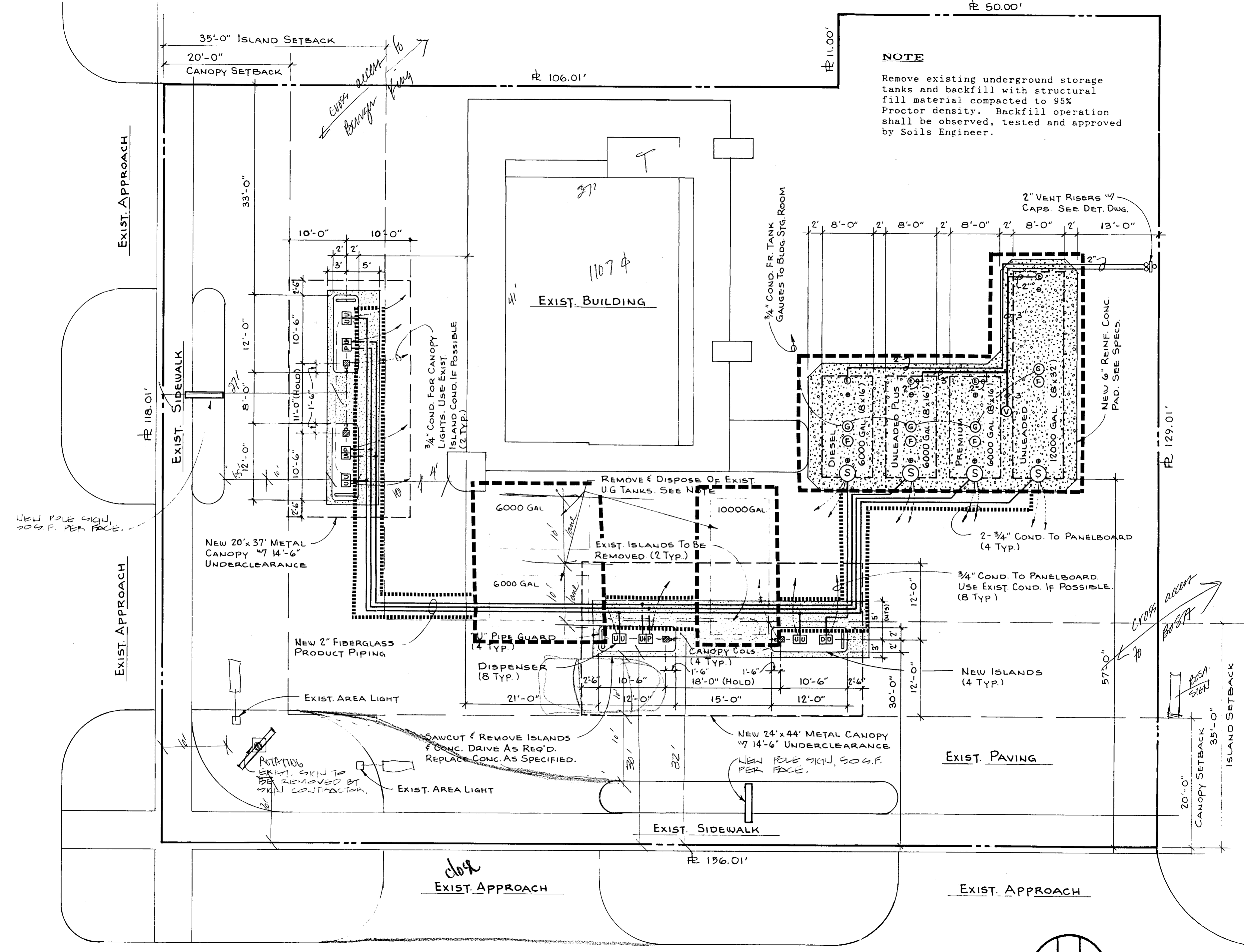


REAR ILLUMINATED SIGN  
FACE, RED COPY ON  
WHITE FIELD.

REAR ILLUMINATED SIGN  
FACE, BLUE COPY AND  
TRI-COLOR MARK ON  
WHITE FIELD.

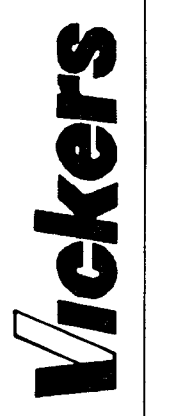
REAR ILLUMINATED SIGN  
FACE, WHITE COPY ON  
RED FIELD.

PENN AVENUE SOUTH



|                         |         |      |
|-------------------------|---------|------|
| DRAWN BY                | G. NEAL | DATE |
| CHECKED BY              |         |      |
| PROJ. COORD.            |         |      |
| CONST. MGR.             |         |      |
| ISSUED FOR CONSTRUCTION |         |      |

TOTAL PETROLEUM, INC.



TOTAL

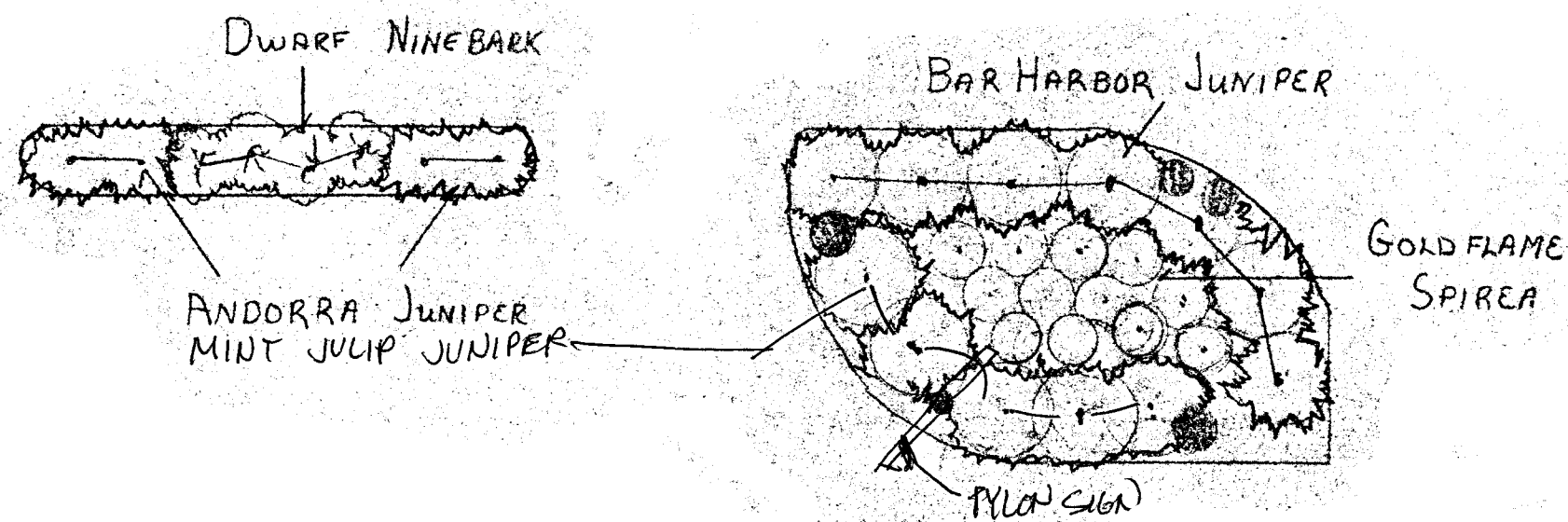
| NO. | DATE    | REVISION                | BY  |
|-----|---------|-------------------------|-----|
| 1   | 8/15/90 | ADD LEV. NOTES          | JLM |
| 2   | 8/15/90 | CORRECT TANK DIMENSIONS | JLM |

|             |  |
|-------------|--|
| MODEL:      |  |
| STATION NO. | 2670   |
| ADDRESS:    | 9000 PENN. AVE. SO. BLOOMINGTON, MN            |
| TITLE:      | INSTALLATION TANKS, ISLANDS, PIPING & CANOPIES |
| DATE        | 6/1/90   |
| DWG. NO.    | C-1  |
| SHEET NO.   | 1  |

RECEIVED  
DIVISION OF CITY PLANNING  
AUG 20 1990  
CITY OF BLOOMINGTON  
MINNESOTA

3412 A 90

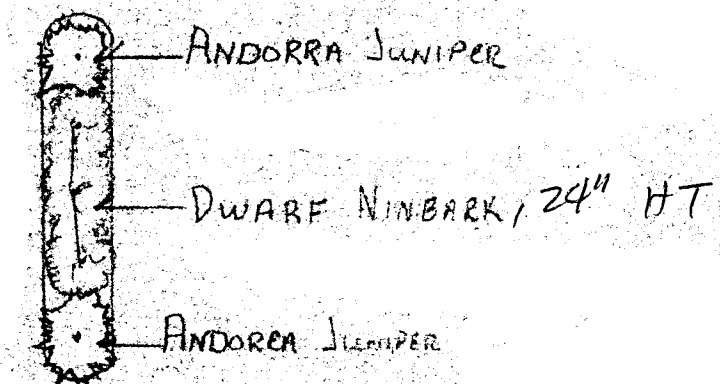
POLE SIGN 50 S.F.  
174 = 1'-0"



Beds To Be Mulched  
With Bryant Red Rock  
Over A Weed Barrier  
"Duron" By Phillips

Includes 1 yr  
Guarantee

BOND @ BUILDING DEPT?



**CASE FILE COPY**  
9412-A-90

CITY OF BLOOMINGTON, MN  
LANDSCAPE PLAN APPROVED

By *[Signature]*  
Director of Planning  
Date 10/3/90

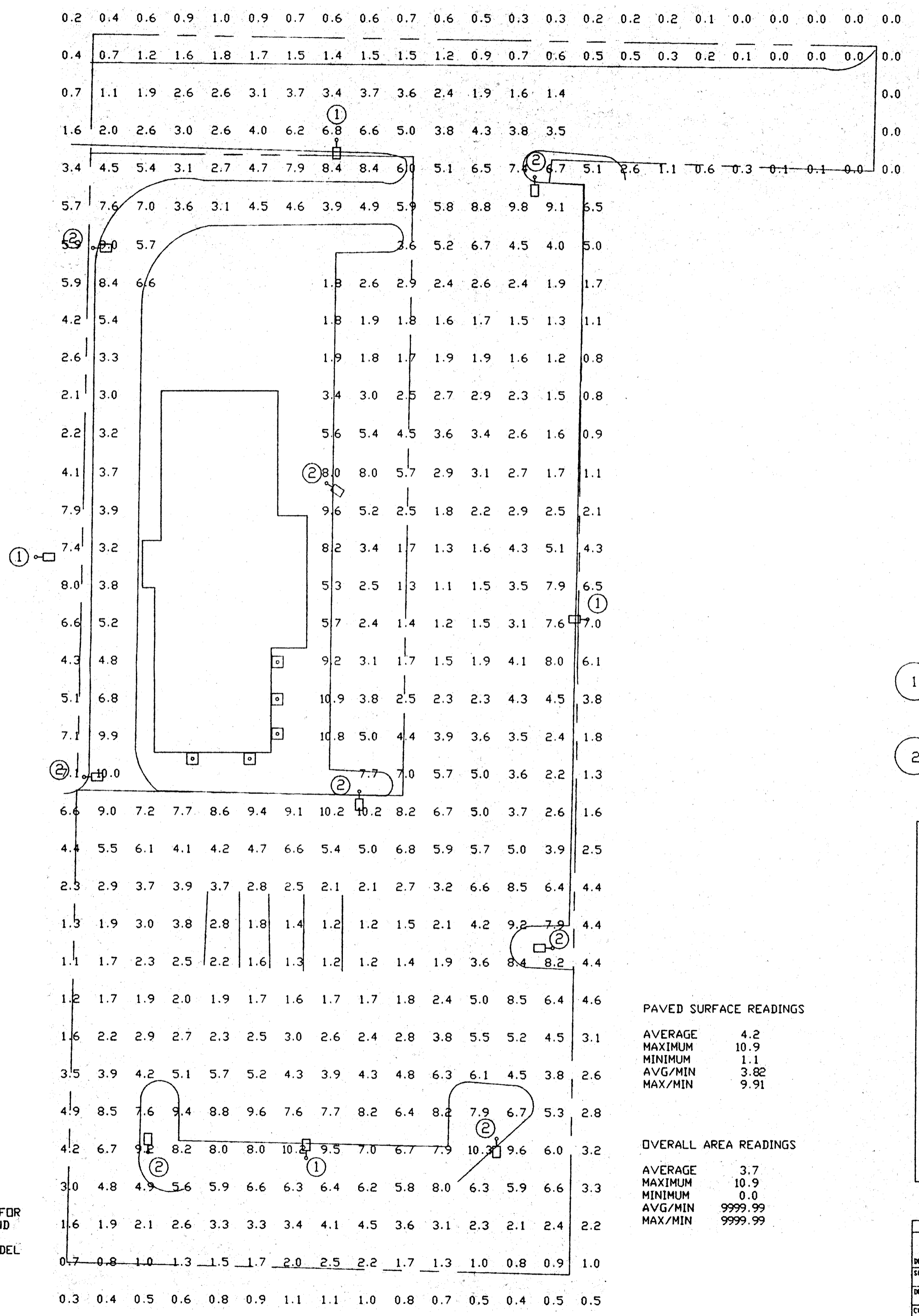
This landscape plan  
and specification  
are the property  
of  
The Park Nursery

**THE PARK NURSERY**  
8400 60th Street North Stillwater, MN 55082  
(612) 770-5700

LANDSCAPE PROPOSAL FOR  
TOTAL PERIODIUM  
9000 PENN AVE. BLOOMINGTON MN

Designer T. Bendak  
Drawn by S. D. S. C.  
Scale 1" = 10'  
Date Oct. 90  
Plan no.

NOTE: TREES TO BE TRIMMED SO AS NOT TO INTERFERE WITH NEW LIGHTING.



- 1 NEW ASSEMBLIES TO FIT EXISTING BASES.
- 2 PROPOSED NEW ASSEMBLIES. ( NEW LOCATIONS )

PAVED SURFACE READINGS

|         |      |
|---------|------|
| AVERAGE | 4.2  |
| MAXIMUM | 10.9 |
| MINIMUM | 0.0  |
| AVG/MIN | 3.82 |
| MAX/MIN | 9.91 |

OVERALL AREA READINGS

|         |         |
|---------|---------|
| AVERAGE | 3.7     |
| MAXIMUM | 10.9    |
| MINIMUM | 0.0     |
| AVG/MIN | 9999.99 |
| MAX/MIN | 9999.99 |

NOTES:

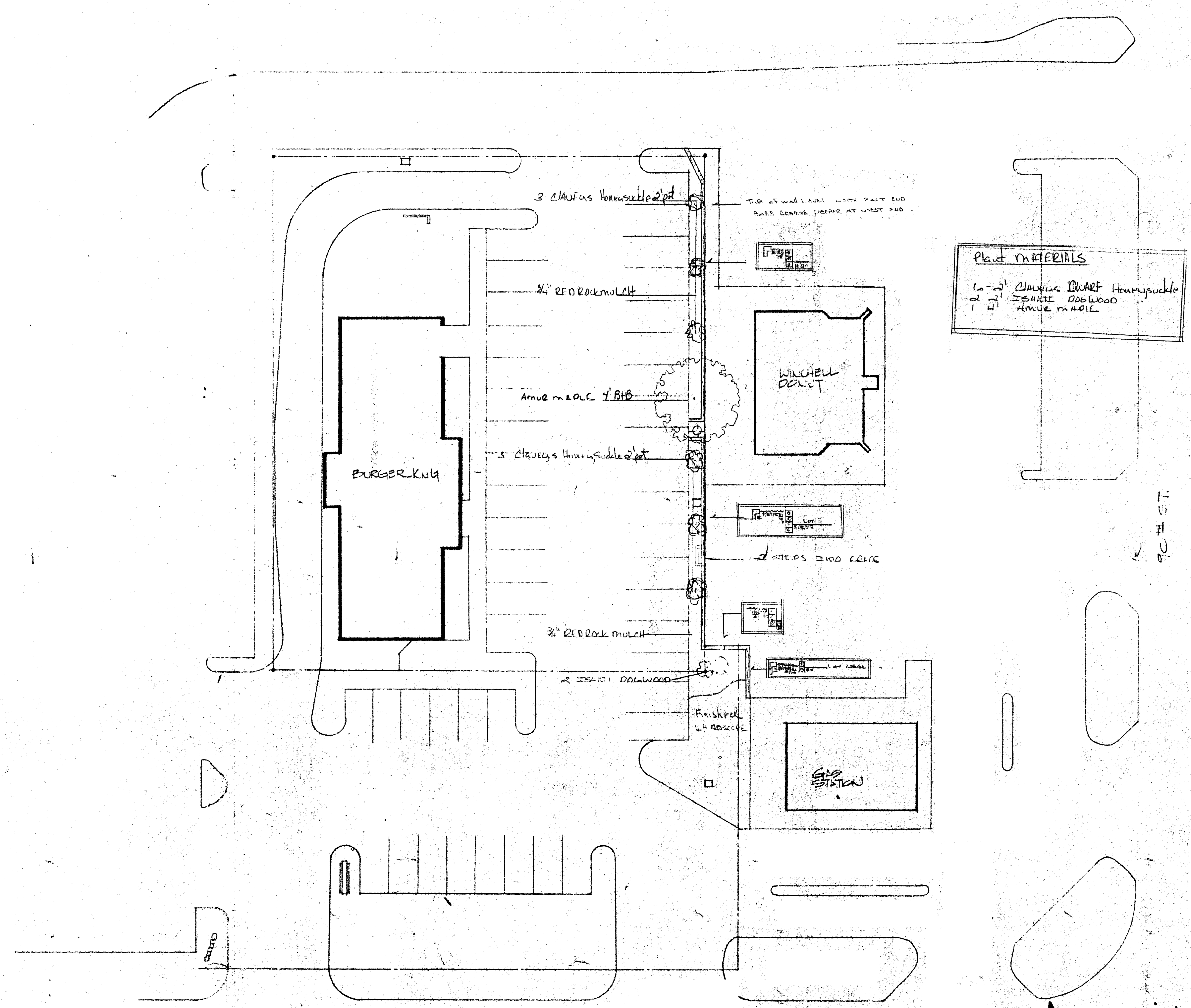
- THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.  
SECURITY LIGHTING SYSTEMS MODEL # RSB/RCL400-III-MH-DB-MT  
LAMP TYPE, WATTAGE METAL HALIDE, 400 WATT  
LUMEN OUTPUT 36,000 LUMENS  
MOUNTING HEIGHT 24'
- THE CONTRIBUTION OF THE METAL HALIDE SOFFIT LIGHTING IS REFLECTED ON THIS DRAWING.
- DISTANCE BETWEEN READINGS 10'
- FINAL ADJUSTMENTS TO AIMING ANGLE/DIRECTION OF FIXTURES MAY BE REQUIRED TO ELIMINATE LIGHT TRESPASS OR GLARE ONTO ADJOINING PROPERTIES OR ROADWAYS.
- FOOTCANDLE LEVELS SHOWN ARE MAINTAINED. MAINTENANCE FACTOR USED ON THIS DRAWING IS .70

| FIXTURE TYPE            | SYMBOL   | QUANTITY | TYPE        | QUANTITY | POLE TYPE         | QUANTITY |
|-------------------------|----------|----------|-------------|----------|-------------------|----------|
| RSB/RCL400-III-MH-DB-MT | [Symbol] | 12       | TT-1A       | 12       | SSP-18-DB-TT (4') | 12       |
| 852-175-MH-120V         | [Symbol] | 5        | DBL 45°/90° |          | SSP-22-DB-TT (5') |          |
|                         |          |          | DBL 180°    |          | SSP-25-DB-TT (4') |          |
|                         |          |          | TRPL 90°    |          | SSP-28-DB-TT (5') |          |
|                         |          |          | TRPL 120°   |          |                   |          |
| SIDE GLARE SHIELD       |          |          |             |          |                   |          |
| REAR GLARE SHIELD       |          |          |             |          |                   |          |

\* POLES SPECIFIED ON THIS DRAWING ARE RATED FOR AN 80 MPH WIND LOAD. FOR AREAS WHERE THE WIND LOAD CRITERIA EXCEEDS 80 MPH, PLEASE CONSULT FACTORY FOR PROPER POLE SPECIFICATION AND MODEL NUMBER.

THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

|  |                        |  |
|--|------------------------|--|
| UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES |                        |  |
| DECIMAL: .XX - 0/16                                      | FRACTIONAL: XXX - 0/64 |  |
| SCALE: = 20' 0"  | DATE: 9/13/02          | POINT-BY-POINT FOOTCANDLE PLOT FOR<br>- BURGER KING #3099 -<br>9008 PENN AVE. S.<br>BLOOMINGTON, MINNESOTA |
| DRAWN BY: I. T.  | CHECKED BY:            |  |
| APPROVED BY:   | FINISH:                | DRAWING NUMBER: 1PCP13205C   |
| APPROVED BY:   | MATERIAL:              |  |
| SHEP ORDER:  | PROJECT NO.:           |  |



Plant MATERIALS  
 6-3' Clavus Dwarf Hemisphaerica  
 2-2' ISHAKI DOBWOOD  
 1-4' AMUE MAOIE

Approved  
 6-14-83  
 [Signature]

LANDSCAPE PLAN  
 SCALE 1" = 20'-0"  
 NORTH

| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
|     |      |    |          |
|     |      |    |          |
|     |      |    |          |

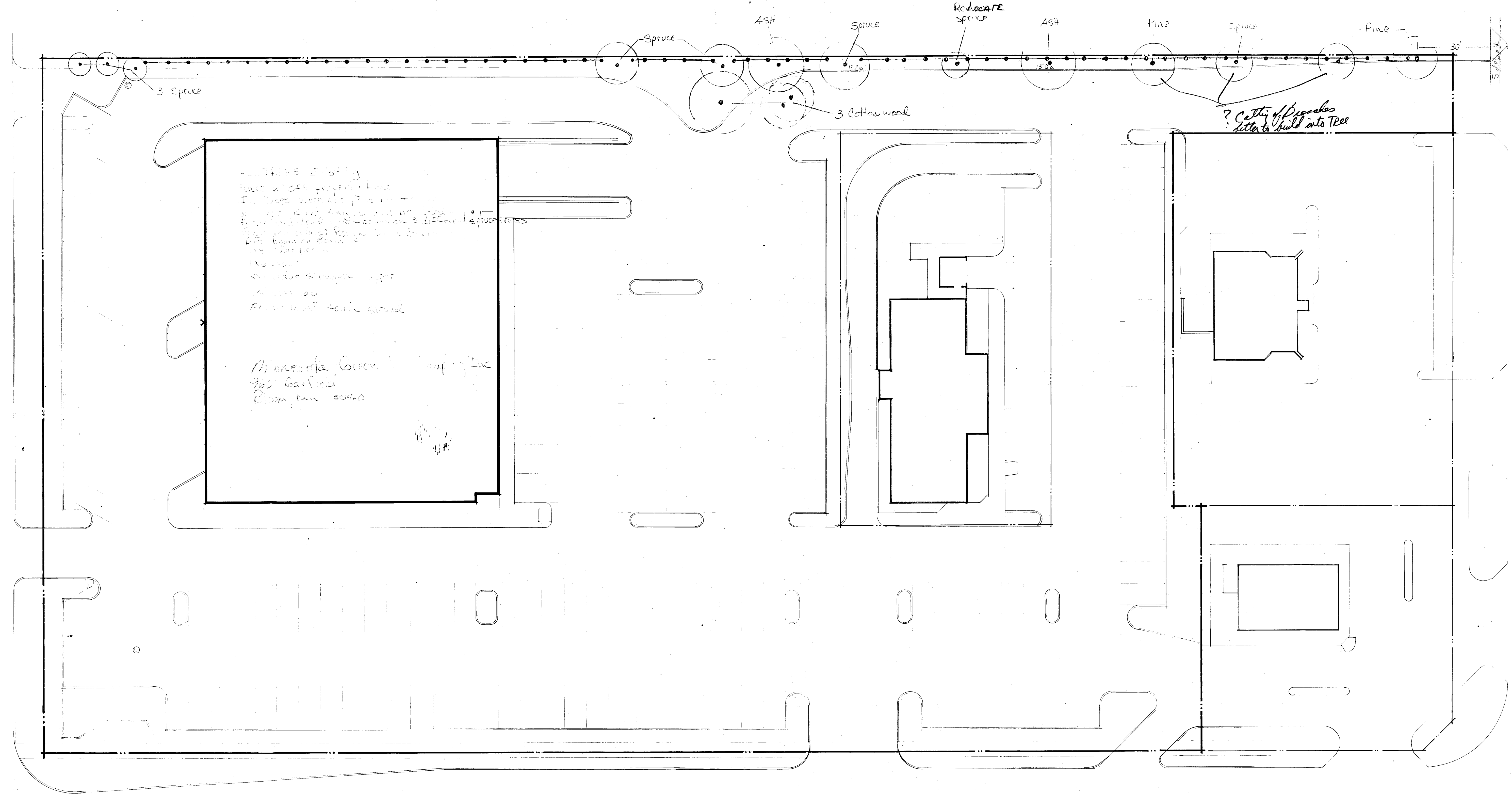
DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_

© 1981 BURGER KING CORPORATION  
 TRADE MARK. AUTHORIZATION TO REPRODUCE THESE PLANS OTHER THAN INCURRED BY LAW MUST BE OBTAINED THROUGH B.K. ARCHITECTURE & CONSTRUCTION

RESTAURANT FOR:  
**BURGER KING CORPORATION**

JACK LEE MEYER  
 PROFESSIONAL ENGINEER  
 P.O. BOX 520783  
 GENERAL MAIL FACILITY  
 MIAMI, FL. 33152  
 PHONE 305-596-7978

BURGER KING  
 PENN AVENUE SOUTH  
 BLOOMINGTON, MINN.  
 LANDSCAPE PLAN



- Notes:
- ① Call planning office for inspection of posts when installed prior to placing fence boards.
  - ② Separate landscape plan for entire site to be submitted prior to getting building permit.
  - ③ Use Galvanized Nails.

Approved fence plan  
 9-22-80  
*[Signature]*

RECEIVED  
 CITY OF BLOOMINGTON  
 SEP 22 1980  
 J. L. OF BLOOMINGTON  
 MINNESOTA



MINNEAPOLIS  
 I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly registered architect under the laws of the State of Minnesota.  
 Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Title: \_\_\_\_\_

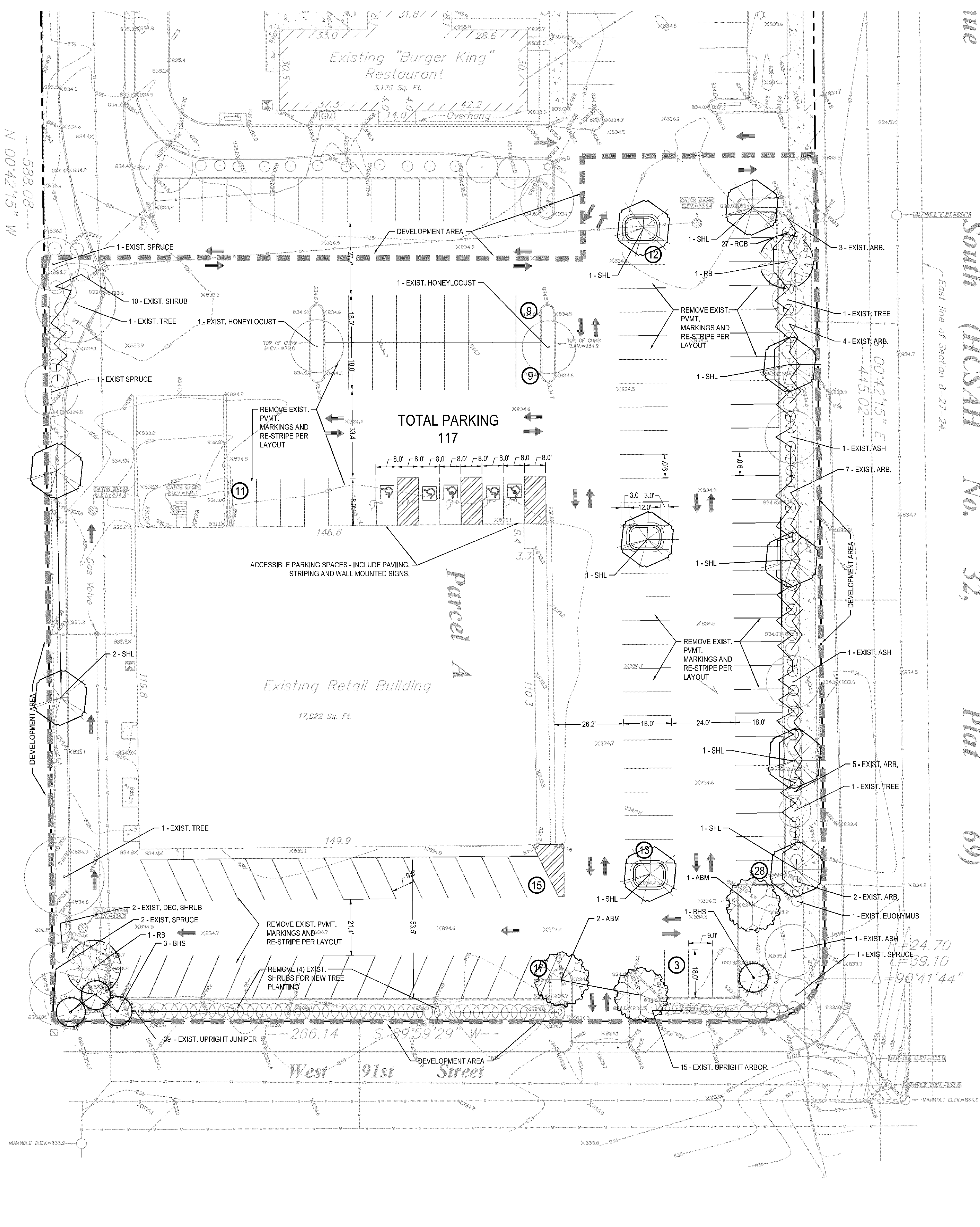
| DATE | BY | ITEM |
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|      |    |      |
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|      |    |      |

REVISIONS

612 881-5410  
 55420  
 ARCHITECTURE AND PLANNING  
 BLOOMINGTON, MINNESOTA  
 SITE DEVELOPMENT PLANS for: LINK RESTAURANT  
 55420 SUPERIOR BLVD. ST. LOUIS & BURDETT  
 PENN AVENUE SOUTH of the street west - BLOOMINGTON, MN  
 NORMAN CONSTRUCTION CO. - BLOOMINGTON, MN - DEVELOPER

THOMAS H. STAHL AND ASSOCIATES, INC.  
 200 WEST OLD SHAKOPEE ROAD

|                |        |
|----------------|--------|
| PROJECT NUMBER | 7852   |
| DRAWN BY       |        |
| CHECKED BY     |        |
| DRAWING DATE   |        |
| SHEET          | NO.    |
| OF             | SHEETS |



- LANDSCAPE NOTES:**
- ALL SHRUB BEDS SHALL BE MULCHED WITH 4" DEPTH OF DOUBLE SHREDED HARDWOOD MULCH OVER WEED BARRIER. OWNERS REP SHALL APPROVE MULCH SAMPLE PRIOR TO INSTALLATION. EDGING SHALL BE METAL EDGING OR APPROVED EQUAL.
  - PLANT MATERIALS SHALL CONFORM WITH THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND SHALL BE OF HARDY STOCK, FREE FROM DISEASE, DAMAGE AND DISFIGURATION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PLUMBNESS OF PLANT MATERIAL, FOR DURING OF ACCEPTANCE PERIOD.
  - UPON DISCOVERY OF A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS SHOWN ON THE SCHEDULE AND THE QUANTITY SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
  - CONDITION OF VEGETATION SHALL BE MONITORED BY THE LANDSCAPE ARCHITECT THROUGHOUT THE DURATION OF THE CONTRACT. LANDSCAPE MATERIALS PART OF THE CONTRACT SHALL BE WARRANTED FOR ONE (1) FULL GROWING SEASONS FROM SUBSTANTIAL COMPLETION DATE.
  - ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 4" LAYER LOAM AND SOG AS SPECIFIED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
  - COORDINATE LOCATION OF VEGETATION WITH UNDERGROUND AND OVERHEAD UTILITIES LIGHTING FIXTURES, DOORS AND WINDOWS. CONTRACTOR SHALL STAKE IN THE FIELD FINAL LOCATION OF TREES AND SHRUBS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
  - ALL PLANT MATERIALS SHALL BE WATERED AND MAINTAINED UNTIL ACCEPTANCE.
  - REPAIR AT NO COST TO OWNER ALL DAMAGE RESULTING FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.
  - SWEEP AND MAINTAIN ALL PAVED SURFACES FREE OF DEBRIS GENERATED FROM LANDSCAPE CONTRACTOR'S ACTIVITIES.

- SPECIALITY NOTES:**
- TOPSOIL AREAS WITH DEPTH GREATER THAN 6" WILL BE SLOPED AND SUPPORTED TYPAR GECCELL 200/300 SLOPE STABILIZATION AS PROVIDED BY BODDINGTONS USA, ROSEVILLE, MN 651.33.2920. HTTP://WWW.BODDINGTONSONLINE.COM. BUILT-UP AREAS GREATER THAN 12" DEPTH FROM FINISH GRADE TO TOP OF SLAB/STRUCTURE WILL BE BUILT UP WITH DOW CAVITY/MADE RIGID INSULATION.

ZONING: B-4

LANDSCAPE REQUIREMENTS

|        |       |          |     |
|--------|-------|----------|-----|
| TREE:  | 1 PER | 2,500 SF | DLA |
| SHRUB: | 1 PER | 1,000 SF | DLA |

DLA = DEVELOPABLE LANDSCAPE AREA  
DLA = 86,954.35

|                               |   |     |
|-------------------------------|---|-----|
| TREE REQ. PER ORIGINAL PLANS  | = | 32  |
| LESS EXIST.                   | = | 14  |
| PROPOSED TREES                | = | 18  |
| SHRUB REQ = 86,954.35 / 1,000 | = | 87  |
| PROPOSED SHRUBS               | = | 27  |
| LESS EXIST.                   | = | 92  |
| EXCESS SHRUBS                 | = | -32 |

PROPOSED LANDSCAPE: SEE PLANTING SCHEDULE

PARKING REQUIREMENTS:

|                             |         |       |      |
|-----------------------------|---------|-------|------|
| RETAIL to 9,999 SF 1:180 SF | 4661 /  | 180 = | 25.9 |
| MEDICAL OFFICE 1:285 SF     | 13261 / | 285 = | 46.5 |
| TOTAL REQUIRED =            |         |       | 73.0 |

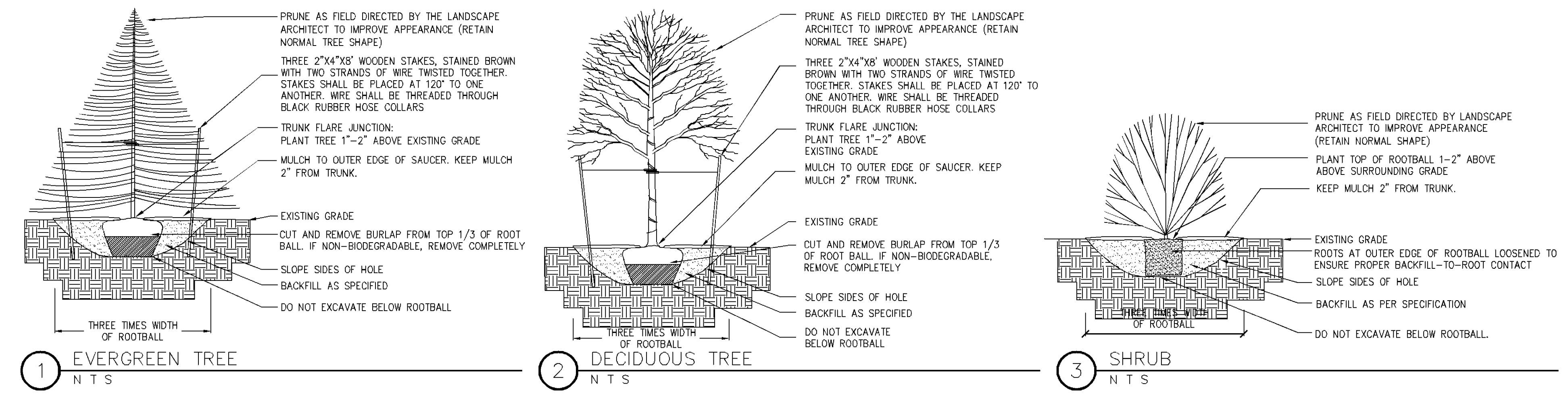
PARKING PROVIDED = 117

- IRRIGATION NOTES:**
- ENTIRE SITE SHALL BE FULLY IRRIGATED. THE CONTRACTOR SHALL SUBMIT IRRIGATION SHOP DRAWINGS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
  - SEE MECHANICAL AND ELECTRICAL PLANS AND SPECIFICATIONS FOR IRRIGATION WATER, METER, AND POWER CONNECTIONS.
  - CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND/ABOVE GROUND FACILITIES PRIOR TO ANY EXCAVATION/INSTALLATION. ANY DAMAGE TO UNDERGROUND/ABOVE GROUND FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COSTS ASSOCIATED WITH CORRECTING DAMAGES SHALL BE BORNE ENTIRELY BY THE CONTRACTOR.
  - SERVICE EQUIPMENT AND INSTALLATION SHALL BE PER LOCAL UTILITY COMPANY STANDARDS AND SHALL BE PER NATIONAL AND LOCAL CODES. EXACT LOCATION OF SERVICE EQUIPMENT SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT OR EQUIVALENT AT THE JOB SITE.
  - CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY FOR THE PROPOSED ELECTRICAL SERVICE AND METERING FACILITIES.
  - IRRIGATION WATER LINE CONNECTION SIZE IS 1/2" AT BUILDING. VERIFY WITH MECHANICAL PLANS COVERAGE.
  - ALL MAIN LINES SHALL BE 18" BELOW FINISHED GRADE.
  - ALL LATERAL LINES SHALL BE 12" BELOW FINISHED GRADE.
  - ALL EXPOSED PVC RISERS, IF ANY, SHALL BE GRAY IN COLOR.
  - CONTRACTOR SHALL LAY ALL SLEEVES AND CONDUIT AT 2'-0" BELOW THE FINISHED GRADE OF THE TOP OF PAVEMENT. EXTEND SLEEVES TO 2'-0" BEYOND PAVEMENT.
  - CONTRACTOR SHALL MARK THE LOCATION OF ALL SLEEVES AND CONDUIT WITH THE SLEEVING MATERIAL "ELDED" TO 2'-0" ABOVE FINISHED GRADE AND CAPPED.
  - FABRICATE ALL PIPE TO MANUFACTURER'S SPECIFICATIONS WITH CLEAN AND SQUARE CUT JOINTS. USE QUALITY GRADE PRIMER AND SOLVENT CEMENT FORMULATED FOR INTENDED TYPE OF CONNECTION.
  - BACKFILL ALL TRENCHES WITH SOIL FREE OF SHARP OBJECTS AND DEBRIS.
  - ALL VALVE BOXES AND COVERS SHALL BE BLACK IN COLOR.
  - GROUP VALVE BOXES TOGETHER FOR EASE WHEN SERVICE IS REQUIRED. LOCATE IN PLANT BED AREAS WHENEVER POSSIBLE.
  - IRRIGATION CONTROLLER LOCATION SHALL BE VERIFIED ON-SITE WITH OWNERS REPRESENTATIVE.
  - CONTROL WIRES: 14 GAUGE DIRECT BURIAL, SOLID COPPER IRRIGATION WIRE, RUN UNDER MAIN LINE. USE MOISTURE-PROOF SPLICES AND SPLICE ONLY AT VALVES OR PULL BOXES. RUN SEPARATE HOT AND COMMON WIRE TO EACH VALVE AND ONE (1) SPARE WIRE AND GROUND TO FURTHER VALVE FROM CONTROLLER. LABEL OR COLOR CODE ALL WIRES.
  - AVOID OVERSPRAY ON BUILDINGS, PAVEMENT, WALLS AND ROADWAYS BY INDIVIDUALLY ADJUSTING RADIUS OR ARC ON SPRINKLER HEADS AND FLOW CONTROL ON AUTOMATIC VALVE.
  - ADJUST PRESSURE REGULATING VALVES FOR OPTIMUM PRESSURE ON SITE.
  - USE SCREENS ON ALL HEADS.
  - CONTRACTOR SHALL SUPPLY AN "AS-BUILT" PLAN OF IRRIGATION SYSTEM AT THE TIME OF COMPLETION TO OWNERS REPRESENTATIVE. A SET OF "AS-BUILT" DRAWINGS SHALL BE MAINTAINED ON-SITE AT ALL TIMES IN AN UPDATED CONDITION.
  - ALL PIPE 3" AND OVER SHALL HAVE THRUST BLOCKING AT EACH TURN.
  - ALL AUTOMATIC REMOTE CONTROL VALVES WILL HAVE 2" MINIMUM DEPTH OF 3/4" WASHED GRAVEL UNDERNEATH VALVE AND VALVE BOX. GRAVEL SHALL EXTEND 3' BEYOND PERIMETER OF VALVE BOX.
  - THERE SHALL BE 3" MINIMUM SPACE BETWEEN BOTTOM OF VALVE BOX COVER AND TOP OF VALVE STRUCTURE.

PLANT SCHEDULE - ENTIRE SITE

| SYM                                | QUANT. | COMMON NAME                 | BOTANICAL NAME                         | SIZE   | ROOT  | COMMENTS                 |
|------------------------------------|--------|-----------------------------|--|--------|-------|--------------------------|
| <b>DECIDUOUS TREES</b>             |        |                             |  |        |       |                          |
| ABM                                | 3      | AUTUMN BLAZE MAPLE          | <i>Acer x freemanii 'Jeffersred'</i>   | 2.5'   | B&B   | STRAT. LEADER. FULL FORM |
| SHL                                | 10     | SUNBURST HONEY LOCUST       | <i>Gleditsia triacanthos 'Suncoke'</i> | 2.5'   | B&B   | STRAT. LEADER. FULL FORM |
| RB                                 | 1      | RIVER BIRCH                 | <i>Betula nigra</i>                    | 2.5'   | B&B   | STRAT. LEADER. FULL FORM |
| <b>EVERGREEN TREES</b>             |        |                             |  |        |       |                          |
| BHS                                | 4      | BLACK HILLS SPRUCE          | <i>Picea glauca 'Denald'</i>           | 6' HT. | B&B   | SINGLE LEADER            |
| <b>DECIDUOUS SHRUBS</b>            |        |                             |  |        |       |                          |
| RGB                                | 26     | ROSE GLOW JAPANESE BARBERRY | <i>Berberis thunbergii 'Rose Glow'</i> | #5     | CONT. |                          |
| <b>EXISTING MATERIAL TO REMAIN</b> |        |                             |  |        |       |                          |
| <b>TREES</b>                       |        |                             |  |        |       |                          |
|                                    | 5      | SPRUCE SPECIES              |  |        |       |                          |
|                                    | 3      | ASH SPECIES                 |  |        |       |                          |
|                                    | 2      | HONEYLOCUST SPECIES         |  |        |       |                          |
|                                    | 4      | DECIDUOUS TREE              |  |        |       |                          |
| TOTAL                              | 14     |                             |  |        |       |                          |
| <b>SHRUBS</b>                      |        |                             |  |        |       |                          |
|                                    | 43     | JUNIPER SPECIES             |  |        |       |                          |
|                                    | 36     | ARBOVITAE SPECIES           |  |        |       |                          |
|                                    | 1      | ELONYMUS SPECIES            |  |        |       |                          |
|                                    | 12     | DECIDUOUS SHRUB             |  |        |       |                          |
| TOTAL                              | 92     |                             |  |        |       |                          |

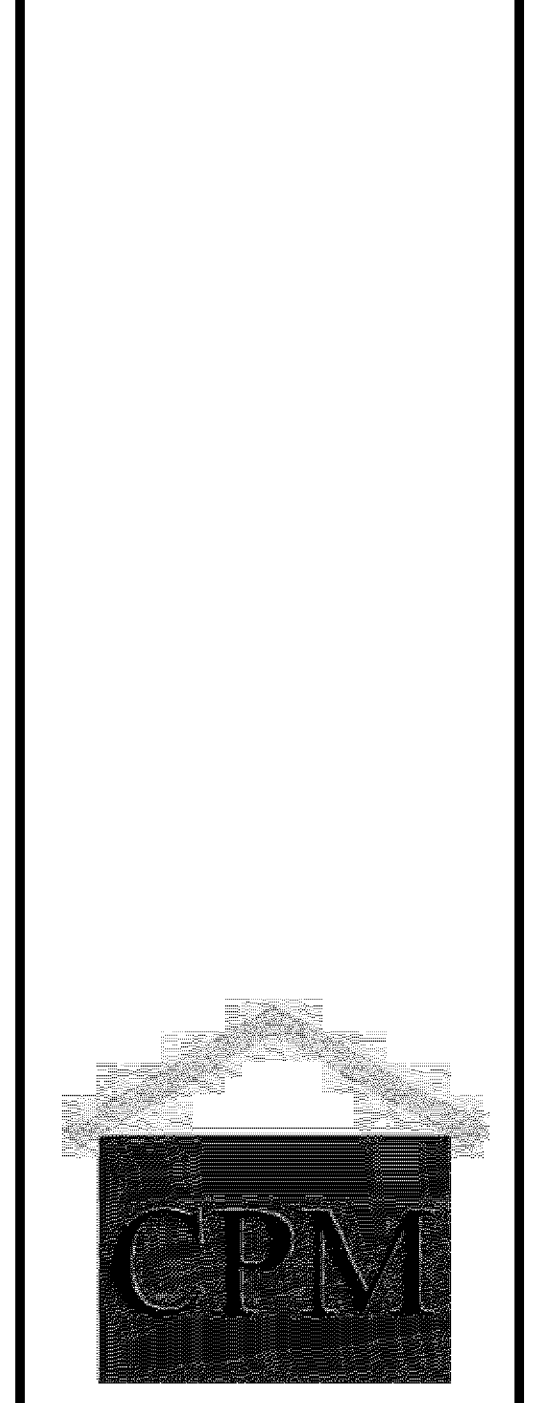
Inspected June 9th, 2015  
by Liz O'Day - Passed



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952-272-7200 www.djr.com



**PARKING LOT IMPROVEMENTS**

9056 PENN AVE. SOUTH, BLOOMINGTON, MN

**CPM DEVELOPMENT**

2619 KNOX AVENUE SOUTH, SUITE 200, MINNEAPOLIS, MN 55408

PROJECT

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA

*Patrick J. Sarver*  
Patrick J. Sarver  
DATE 05/22/14 LICENSE NO. 24804

ISSUE/SUBMITTAL SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
|      |             |
|      |             |
|      |             |
|      |             |
|      |             |
|      |             |

REVISION SUMMARY

| DATE | DESCRIPTION |
|------|-------------|
|      |             |
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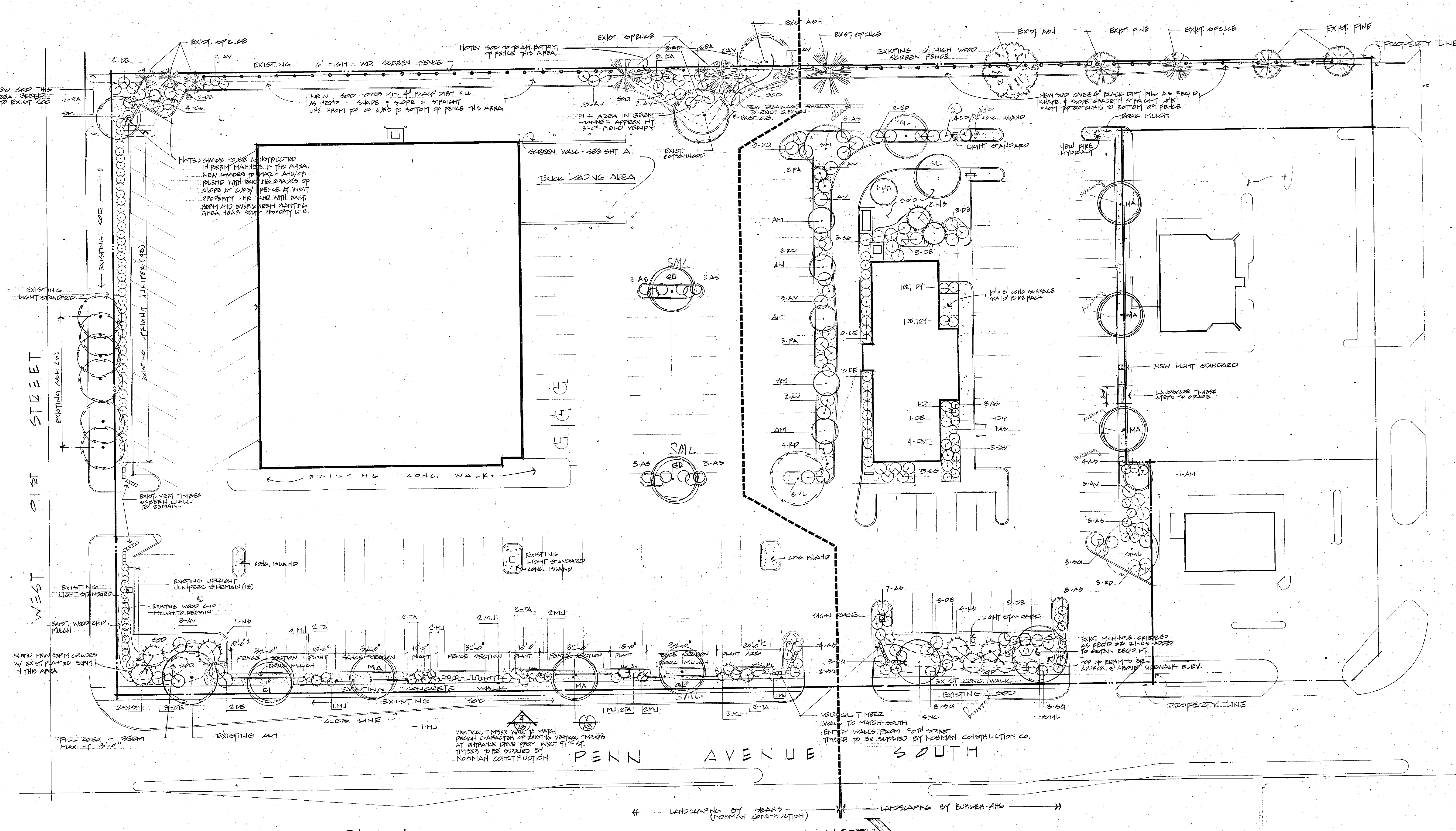
LANDSCAPE PLAN

**L1.0**

1" = 20'-0"  
10'-0" 0 20'-0"

Approved Plan

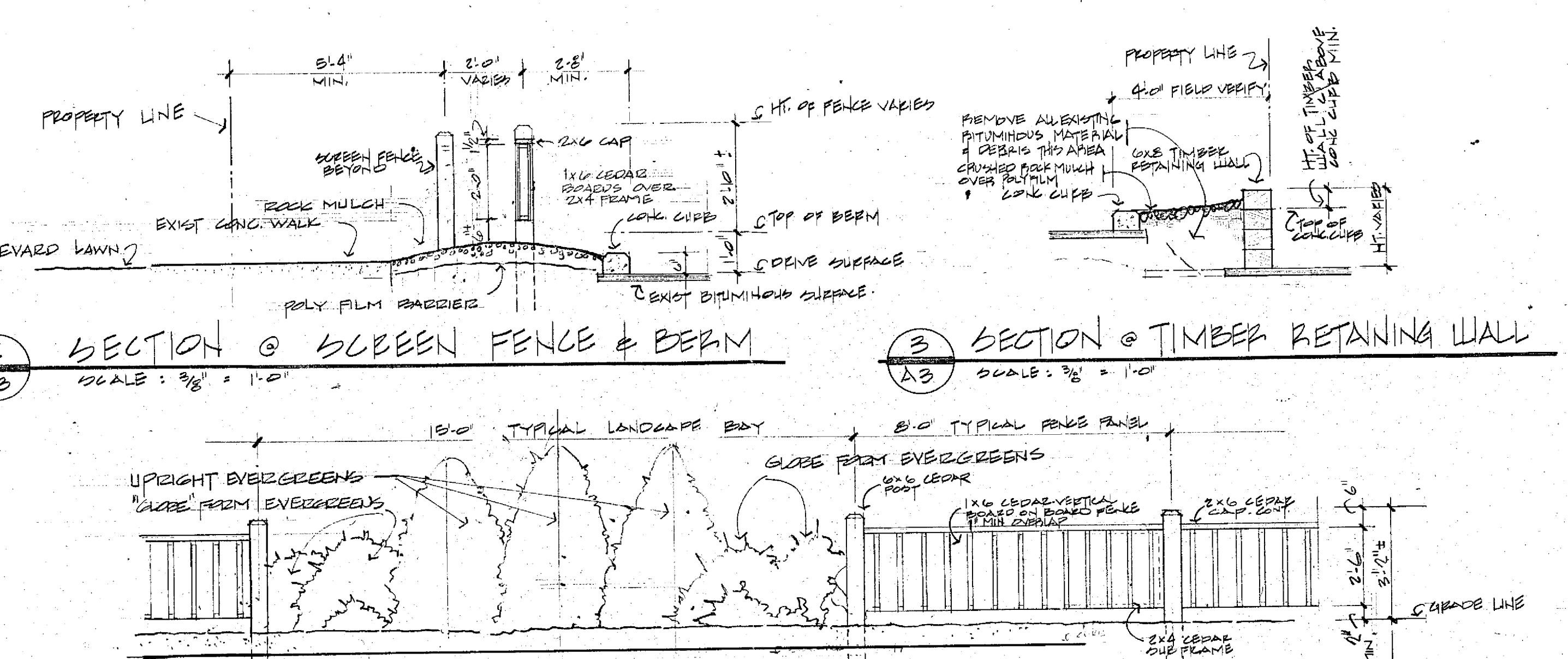
4/6/1981 APPROVED PLAN



LANDSCAPING PLAN SCALE: 1" = 20' 0"

NOTE: REMOVE EXISTING BITUMINOUS MATERIAL & DEBRIS FROM LANDSCAPE AREAS BOUNDED IN & ADJACENT TO PARKING LOT. FILL WITH SUITABLE TOP SOIL FOR LANDSCAPE MATERIALS & SOO. (TYPICAL)

RECEIVED DIVISION OF CITY PLANNING MAR 31 1981 CITY OF BLOOMINGTON MINNESOTA



ELEVATION SCREEN FENCE & LANDSCAPING SCALE: 3/8" = 1'-0"

NOTE: CONSTRUCTION OF FENCE TO MATCH WOOD SPECIES, TEXTURE & FINISH OF EXISTING FENCE AT WEST PROPERTY LINE

LANDSCAPE MATERIAL SCHEDULE

| KEY | QUAN | COMMON NAME              | BOTANICAL NAME                       | SIZE     | MODE | REMARKS             |
|-----|------|--------------------------|--------------------------------------|----------|------|---------------------|
| SM  | 32   | SUGAR MAPLE              | ACEB SACCHARIBUM                     | 8"       | B/B  |                     |
| SL  | 3    | GREENSPICE LINDEN        | TILIA CORDATA "GREEN SPICE"          | 8"       | B/B  |                     |
| NS  | 9    | BURNING BUSH             | PIRSEA ARIENA                        | 8"       | B/B  | BLACK HILLS BOBBLES |
| MA  | 5    | MARSHALL GREEN ASPH.     | FRAKINGA PENNSYLVANICA LANDBLATA     | 2 1/2"   | B/B  |                     |
| UTL | 1    | JAPANESE TREE LILAC      | BYRNIA AMURENSIS JAPONICA            | 1 1/2-2" | B/B  |                     |
| AM  | 6    | AMUR MAPLE (MULTI-TERM)  | ACEB GINNALA                         | 3'-6"    | B/B  |                     |
| EA  | 7    | WINGED EUONYMUS          | EUONYMUS ALATUS                      | 3'-6"    | P/T  |                     |
| RO  | 22   | DOCTWIG DOGWOOD          | COENUS SPLENIFERA BAILEYI            | 3'-6"    | P/T  |                     |
| AV  | 23   | ARROWWOOD VIBURNUM       | VIBURNUM DENTATUM                    | 3'-6"    | P/T  |                     |
| AS  | 52   | ANTHONY WATERBEG SPIRSEA | SPRSEA X BURMALDA "ANTHONY WATERBEG" | 18"      | P/T  |                     |
| DE  | 40   | DWARF WINGED EUONYMUS    | EUONYMUS ALATUS COMPACTA             | 24"      | P/T  |                     |
| TA  | 14   | TECHNY ABBREVIAE         | TILIA OCCIDENTALIS "TECHNY"          | 4"       | B/B  |                     |
| PA  | 9    | PYRAMICAL ACCROVITAE     | TILIA OCCIDENTALIS "PYRAMIDALIS"     | 5"       | B/B  |                     |
| DY  | 9    | DWARF JAPANESE TWY       | TAXUS CUSPIDATA "NANA"               | 20"      | B/B  |                     |
| SS  | 23   | SEAGREEN JUNIPER         | JUNIPERUS CHINENSIS "SEAGREEN"       | 24"      | P/T  |                     |
| MJ  | 10   | MANEY JUNIPER            | JUNIPERUS CHINENSIS "MANEY"          | 24"      | P/T  |                     |
| SML | 1    | SHONDRIFT CRABAPPLE      | MALUS "SHONDRIFT"                    | 1 1/2-2" | B/B  |                     |
| SML | 13   | SHADENIGHT LOCUST        | CLEPTISA TRIACANTHOS "SHADENIGHT"    | 2 1/2"   | B/B  |                     |

LANDSCAPING GENERAL NOTES:  
1. BARK MULCH: 1/2 TO 3/4" BRYANS CED CORK OR EQUAL INSTALL OVER 60 MIL POLY  
2. BARK MULCH SERRAS VALLEY VIEW POLY OR EQUAL.  
3. SUBSTITUTIONS OF MATERIALS TO BE APPROVED BY BURBER KING & PENN PROPERTIES INC. & DIRECTOR OF PLANNING CITY OF BLOOMINGTON  
4. FINAL EXACT LOCATION OF LANDSCAPE MATERIALS TO BE DETERMINED IN FIELD AT TIME OF PLANTING.  
5. ALL SOO TO BE LND OVER 1/4" BLACK DIRT ON SUITABLE TO SOO.

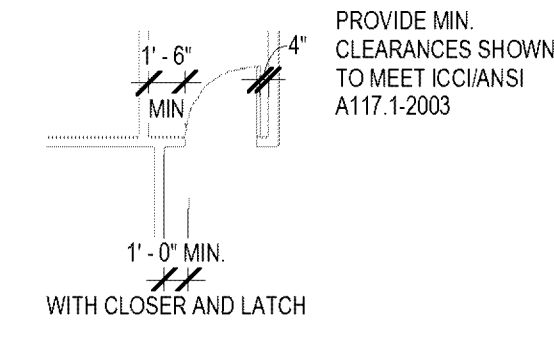
Professional seal of a landscape architect. Includes text: 'SITE DEVELOPMENT PLANS for: BURBER KING RESTAURANT', 'ARCHITECTURE AND PLANNING BLOOMINGTON, MINNESOTA', 'THOMAS H. STAHL AND ASSOCIATES, INC. 200 WEST OLD SHAHOPE ROAD', 'PROJECT NUMBER 7852', 'DRAWN BY', 'CHECKED BY', 'DRAWING DATE JANUARY 81', 'SHEET NO. OF SHEETS'.

Approved Plan

Zoning Review Only  
COB-DOMAIN\fields  
05/02/2015

**DIMENSION NOTES**

1. PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. ANY "FIELD VERIFY" (F.V.) DIMENSION IS A FLEX AREA TO ALLOW FOR UP TO 2" FIELD ADJUSTMENTS AND ALIGNMENT WITH EXISTING WALLS AND/OR COLUMNS TO ALLOW FOR FIELD CONDITIONS. NOTIFY ARCHITECT OF DISCREPANCIES GREATER THAN 2" PRIOR TO FRAMING WALLS.
2. DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD AT NEW WALLS, FACE OF STUD TO INTERIOR FACE OF EXISTING WALLS, AND FACE OF STUD TO FINISH FACE OF EXISTING WALLS WHERE SHOWN. ASSUME 5" NOMINAL WIDTHS OF STUD WALLS UNLESS OTHERWISE NOTED.
3. LOCATE DOOR HINGE SIDE ROUGH OPENING 4" NOMINAL FROM FACE OF WALL, UNLESS OTHERWISE DIMENSIONED. AT LATCH SIDE OF DOOR PROVIDE A MINIMUM OF 18" CLEAR SPACE ON PULL SIDE OF DOOR AND 12" ON THE PUSH SIDE. REFER TO DETAIL THIS SHEET.
4. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS.
5. SEE DRYWALL SOFFITS INDICATED ON A103 & A601 FOR ALIGNMENT WITH WALLS/CASEWORK BELOW.
6. SVP: ID: ONE SIDE @ CHASE WALLS.
7. ALIGN NEW WALLS WITH EXISTING ADJACENT WALLS WHERE APPLICABLE FOR A SMOOTH, CONTINUOUS FINISH.



**KEY NOTES**

1. CENTER WALL ON COLUMN.
2. NO PLYWOOD THIS SIDE OF WALL.
3. FURR AROUND COLUMN AS CLOSE AS POSSIBLE WITH WALL TYPE 7.3 UNLESS DIMENSIONS NOTE OTHERWISE.
4. DEMISING WALL EXISTING BY LANDLORD WITH R-13 INSULATION.
5. SEE ENLARGED PLANS ON A402 FOR WALL / COLUMN ALIGNMENT.
6. NEW COLUMN, WORK OF ALTERNATE #6. REFER TO G001 AND STRUCTURAL.
7. EXTEND WALL AT ROOF HATCH TO DECK ADD DOUBLE STUDS AND BLOCKING AT LADDER SUPPORT. REFER TO F1A310.

**WALL TYPES**

| #   | TYPE MARK | FIRE RATING | DESCRIPTION   | DETAIL  |
|-----|-----------|-------------|---|---------|
| 1   |           |             | EXISTING MTL. STUD WALL   | -       |
| 1.2 |           |             | EXISTING CMU WALL   | -       |
| 2   |           |             | 3 5/8" METAL STUD WALL WITH ONE LAYER 5/8" GWB EACH SIDE TO 6" ABOVE CEILING.   | A1/A301 |
| 2.2 |           |             | 3 5/8" METAL STUD WALL WITH ONE LAYER 5/8" PAPERLESS, MOLD RESISTANT GWB ONE SIDE TO 6" ABOVE CEILING, NO GWB FREEZER SIDE.   | A1/A301 |
| 3   |           |             | 3 5/8" MTL. STUD WALL WITH ONE LAYER 5/8" GWB EACH SIDE TO 6" ABOVE CEILING AND SOUND ATTENUATION INSULATION AT CHASE WALLS GWB ON ROOM SIDE ONLY.                          | A1/A301 |
| 3.1 |           |             | 6" MTL. STUD WALL WITH ONE LAYER 5/8" GWB EACH SIDE TO 6" ABOVE CEILING AND SOUND ATTENUATION INSULATION.   | A1/A301 |
| 3.2 |           |             | 3 5/8" MTL. STUD WALL WITH ONE LAYER 5/8" GWB EACH SIDE AND ONE LAYER 1/2" PLYWOOD EACH SIDE TO 6" ABOVE CEILING AND SOUND ATTENUATION INSULATION.                          | A1/A301 |
| 4   |           |             | 3'-0" HIGH 3 5/8" MTL. STUD WALL WITH 6" LAMINATE CAP 5/8" GWB ON EACH SIDE. REFER TO ELEVATION FOR LOCATION OF STOREFRONT ABOVE.   | A3/A301 |
| 4.2 |           |             | 4'-0" HIGH 3 5/8" MTL. STUD WALL WITH 6" LAMINATE CAP 5/8" GWB ON EACH SIDE. REFER TO ELEVATION FOR LOCATION OF STOREFRONT ABOVE.   | A3/A301 |
| 4.7 |           |             | 4'-0" HIGH 3 5/8" MTL. STUD WALL WITH 12" LAMINATE CAP 5/8" GWB ON EACH SIDE. REFER TO ELEVATION FOR STOREFRONT.  | A3/A301 |
| 4.8 |           |             | 5'-0" HIGH 3 5/8" MTL. STUD WALL WITH 12" LAMINATE CAP 5/8" GWB ON EACH SIDE. REFER TO A201 FOR ADDITIONAL INFORMATION.   | A3/A301 |
| 5.1 |           |             | 4'-6" HIGH 3 5/8" METAL STUD WALL WITH MDF WITH LAMINATE CAP WITH PVC EDGE.   | A5/A301 |
| 5.3 |           |             | 5'-0" HIGH 3 5/8" METAL STUD WALL WITH MDF WITH LAMINATE CAP AND PVC EDGE.  | A5/A301 |
| 6   |           | SMOKE WALL  | 3 5/8" MTL. STUD WALL WITH 5/8" GWB EACH SIDE EXTEND ONE SIDE TO ROOF DECK AND SEAL TO PROVIDE SMOKE TIGHT MEMBRANE.  | D1/A301 |
| 6.2 |           | SMOKE WALL  | 3 5/8" MTL. STUD WALL WITH 5/8" MOISTURE RESISTANT GWB. EXTEND TO ROOF DECK AND SEAL. NO GWB FREEZER SIDE. CONNECT GWB TO WALL TYPE 6. FOR CONTINUOUS SMOKE-RESISTANT WALL. | D1/A301 |
| 7.1 |           |             | 3 5/8" MTL. STUD FURRING WALL WITH 5/8" GWB ON FINISH SIDE TO 6" ABOVE CEILING. EXTEND TO ROOF DECK & PROVIDE THERMAL INSULATION. REFER TO G002.                            | D3/A301 |
| 7.2 |           |             | 6" MTL. STUD FURRING WALL WITH 5/8" GWB ON FINISH SIDE TO 6" ABOVE CEILING. EXTEND TO ROOF DECK & PROVIDE THERMAL INSULATION. REFER TO G002.                                | D3/A301 |
| 7.3 |           |             | 4'-0" HIGH 3 5/8" MTL. STUD CHANNEL FURRING WALL WITH 5/8" GWB ON FINISH SIDE.  | D3/A301 |
| 8.2 |           |             | 4'-0" HIGH 3 5/8" MTL. STUD WALL WITH 5/8" GWB ON EACH SIDE AND 6" PLAM CAP. PLAM OVER 3/8" PLYWOOD PANELS @ BOTH SIDES OF LOW WALL. REFER TO A701 FOR EXTENTS.             | D5/A301 |
| 8.3 |           |             | 4'-0" HIGH 3 5/8" MTL. STUD WALL WITH 5/8" GWB ON EACH SIDE AND 6" PLAM CAP. PLAM OVER 3/8" PLYWOOD PANELS ONLY ON WALL SIDE FACING ACCESS CONTROL.                         | D5/A301 |
| FR  |           |             | 5 1/2" FREEZER WALLS BY OTHERS. COORDINATE WITH FREEZER INSTALLER.  |         |

**RATED WALL ASSEMBLY LEGEND**

--- SMOKE RESISTIVE CONSTRUCTION PER 508.2.2

**GENERAL SYMBOL LEGEND**

--- ADJACENT TENANT NOT IN WORK SCOPE

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**DIMENSION PLAN**

REVISIONS

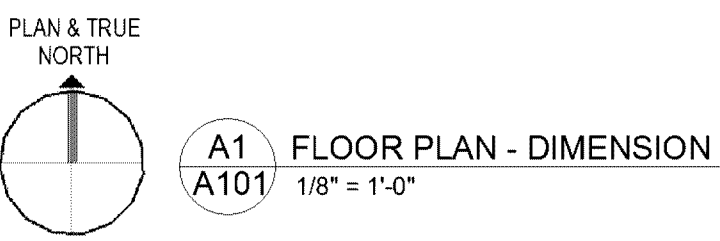
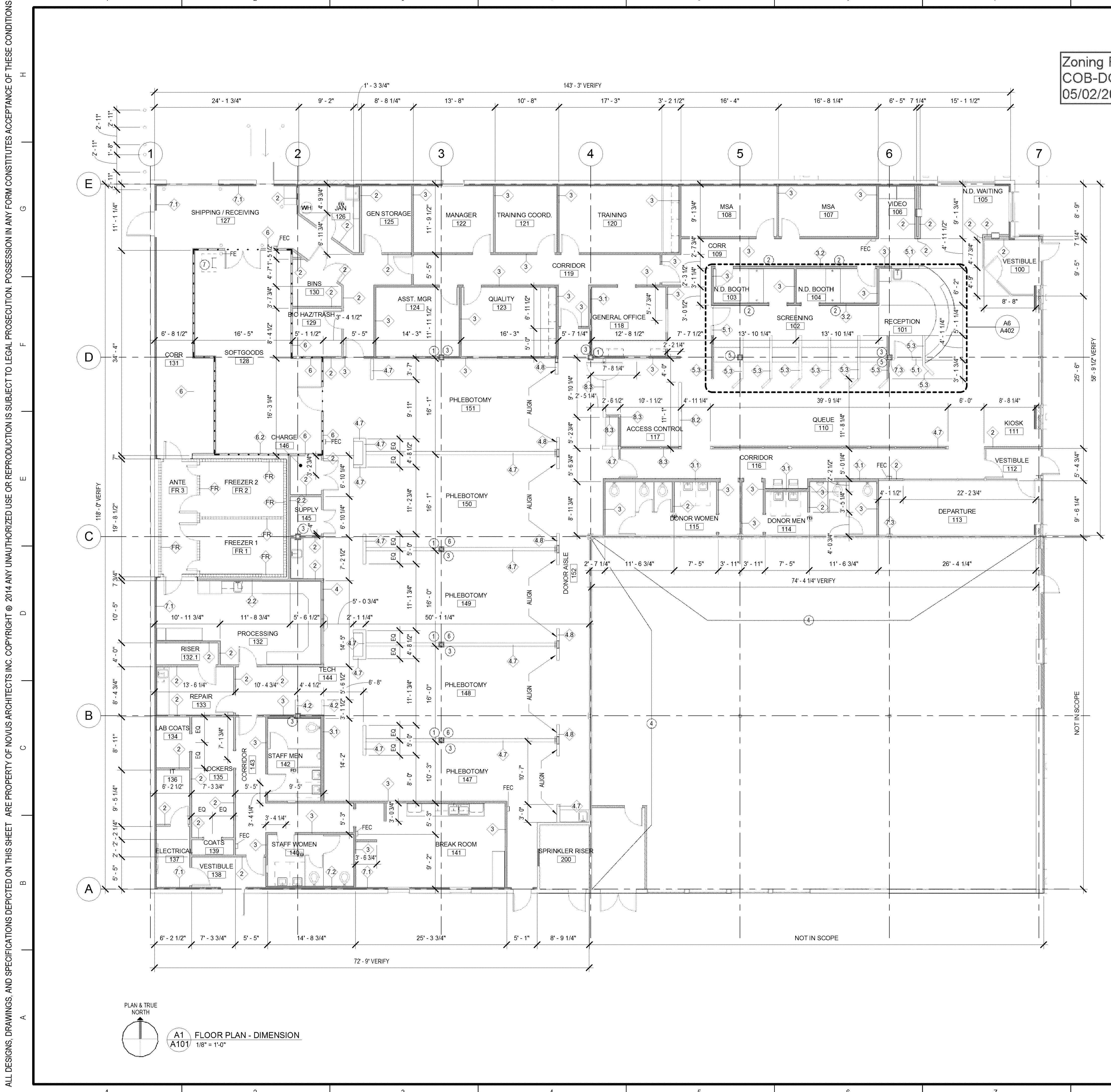
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| 2   | CR #1       | 04.07.14 |

DRAWN BY: ERT  
CHECKED BY: DMC  
DATE: JANUARY 30, 2014

NOVUS JOB NUMBER  
**2001.1112.86**

SHEET NUMBER  
**A101**

CONSTRUCTION DOCUMENTS



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COB-DOMAIN\dfields  
05/02/2015



E1  
A202 PERSPECTIVE

| EXTERIOR COLOR SCHEDULE |                        |   |   |
|-------------------------|------------------------|---|---|
| COLOR #                 | FINISH DESCRIPTION     | STYLE NAME & MANUFACTURER               | REMARKS   |
| 1                       | NEW STUCCO FINISH      | BENJAMN MOORE - HC-90 CROWN POINT SAND  | SEE EXTERIOR ELEVATIONS FOR LOCATION  |
| 2                       | METAL CANOPIES         | BENJAMN MOORE - 798 BLUE SUEDE SHOES    | SEE EXTERIOR ELEVATIONS FOR LOCATION  |
| 3                       | PAINT COMPONENTS       | MATCH COLOR #2                          | SUBMIT COLOR SAMPLE TO ARCHITECT FOR APPROVAL   |
| 4                       | PAINT EXISTING MASONRY | BENJAMN MOORE - HC-88 NORTHAMPTON PUTTY | SEE EXTERIOR ELEVATIONS FOR LOCATION  |
| 5                       | METAL COPING           | MATCH COLOR #4                          | SEE EXTERIOR ELEVATIONS FOR LOCATION<br>SUBMIT COLOR SAMPLE TO ARCHITECT FOR APPROVAL |

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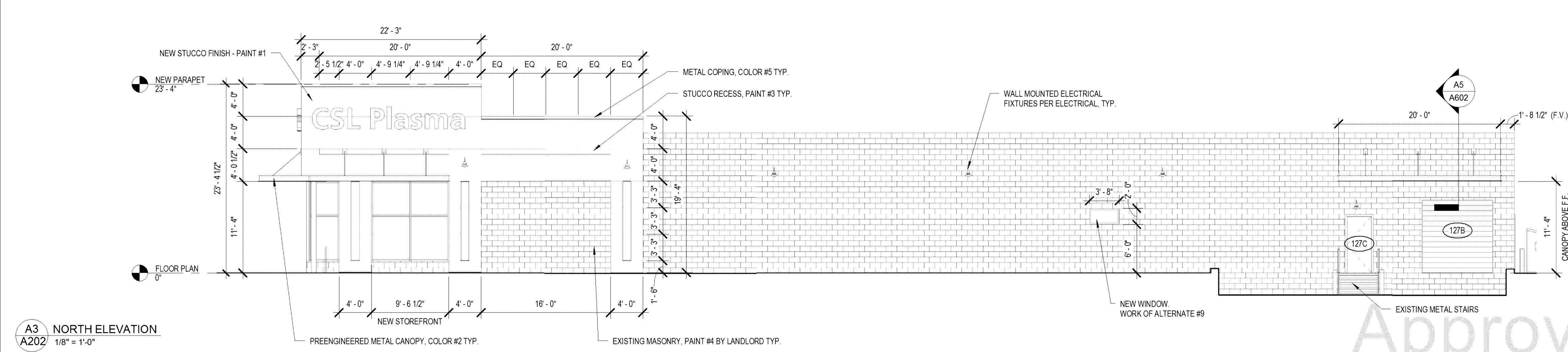
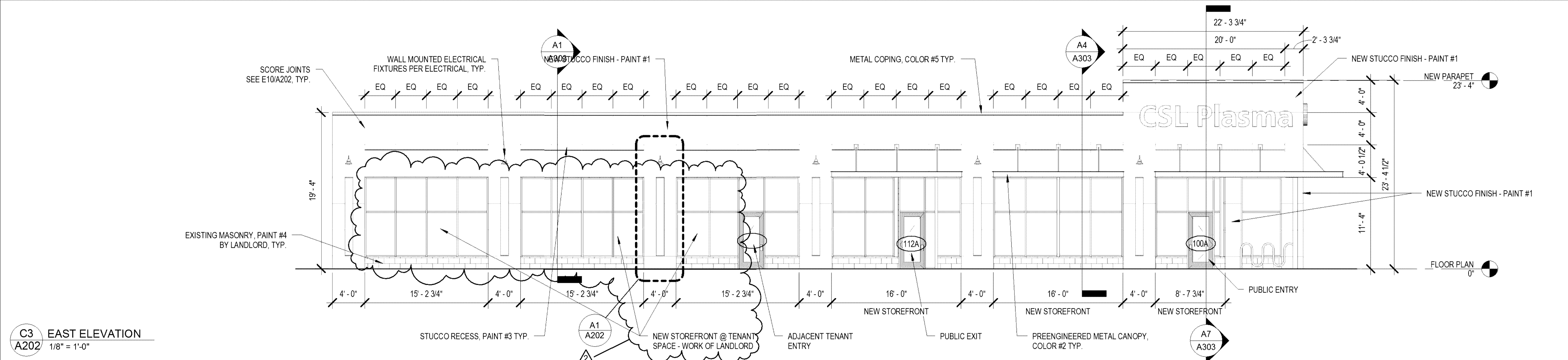
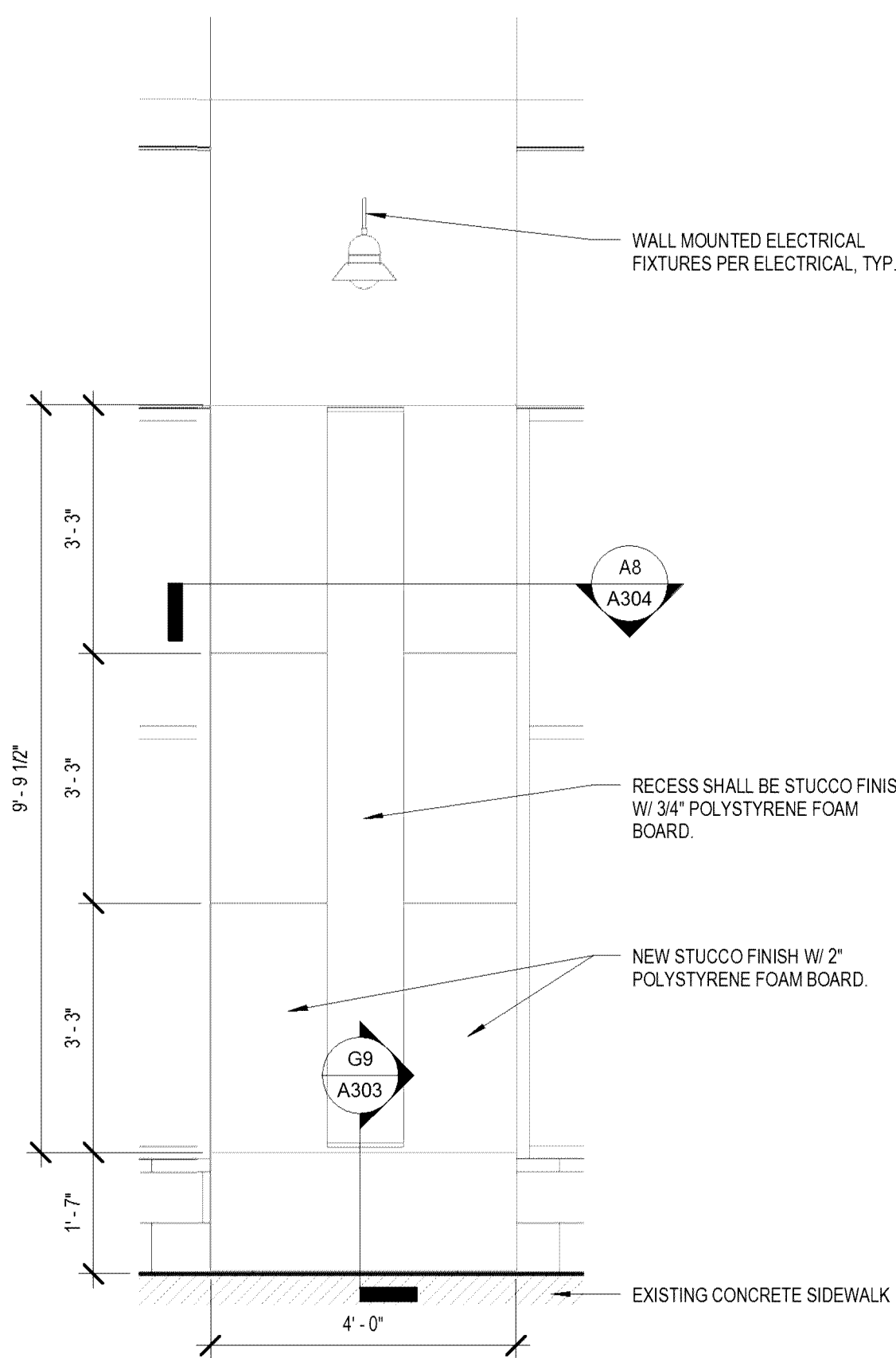
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EXTERIOR ELEVATIONS

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| 2   | CR #1       | 04.07.14 |

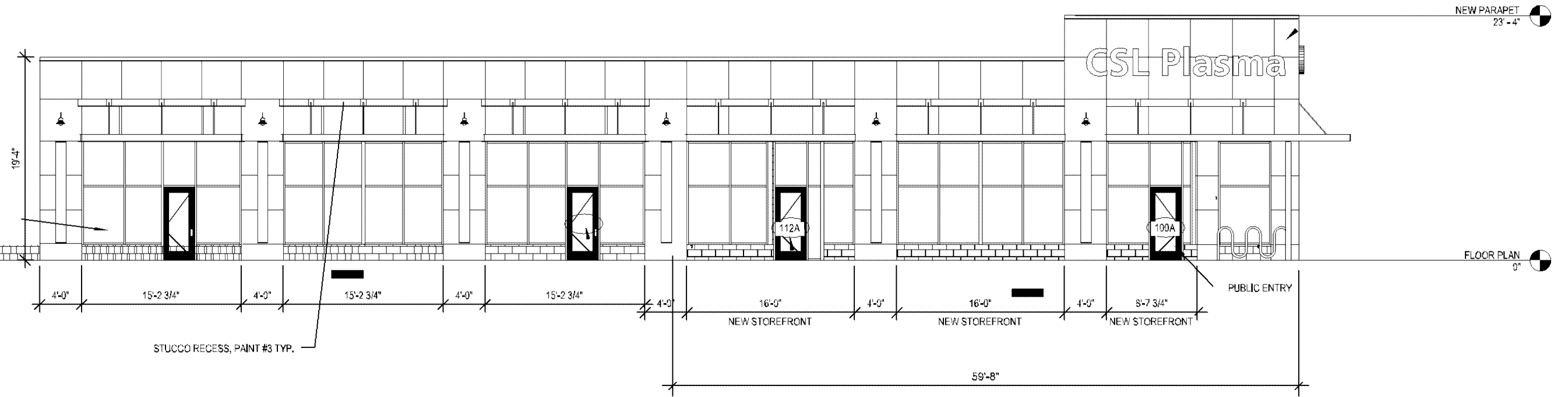
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SHEET NUMBER  
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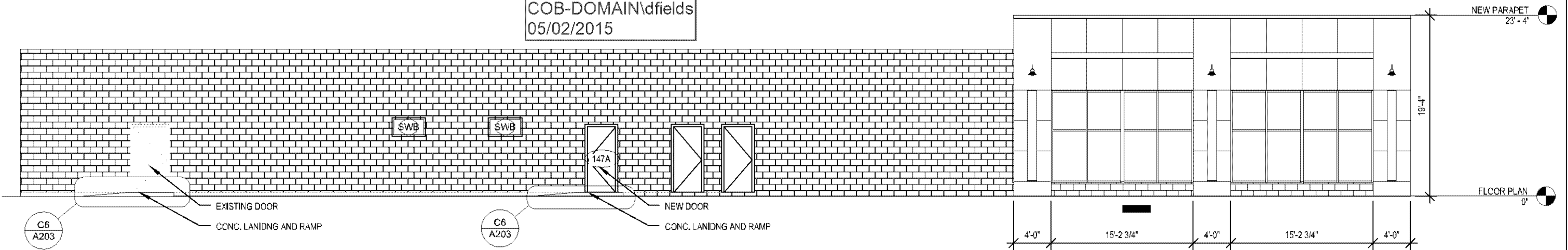
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CONSTRUCTION DOCUMENTS

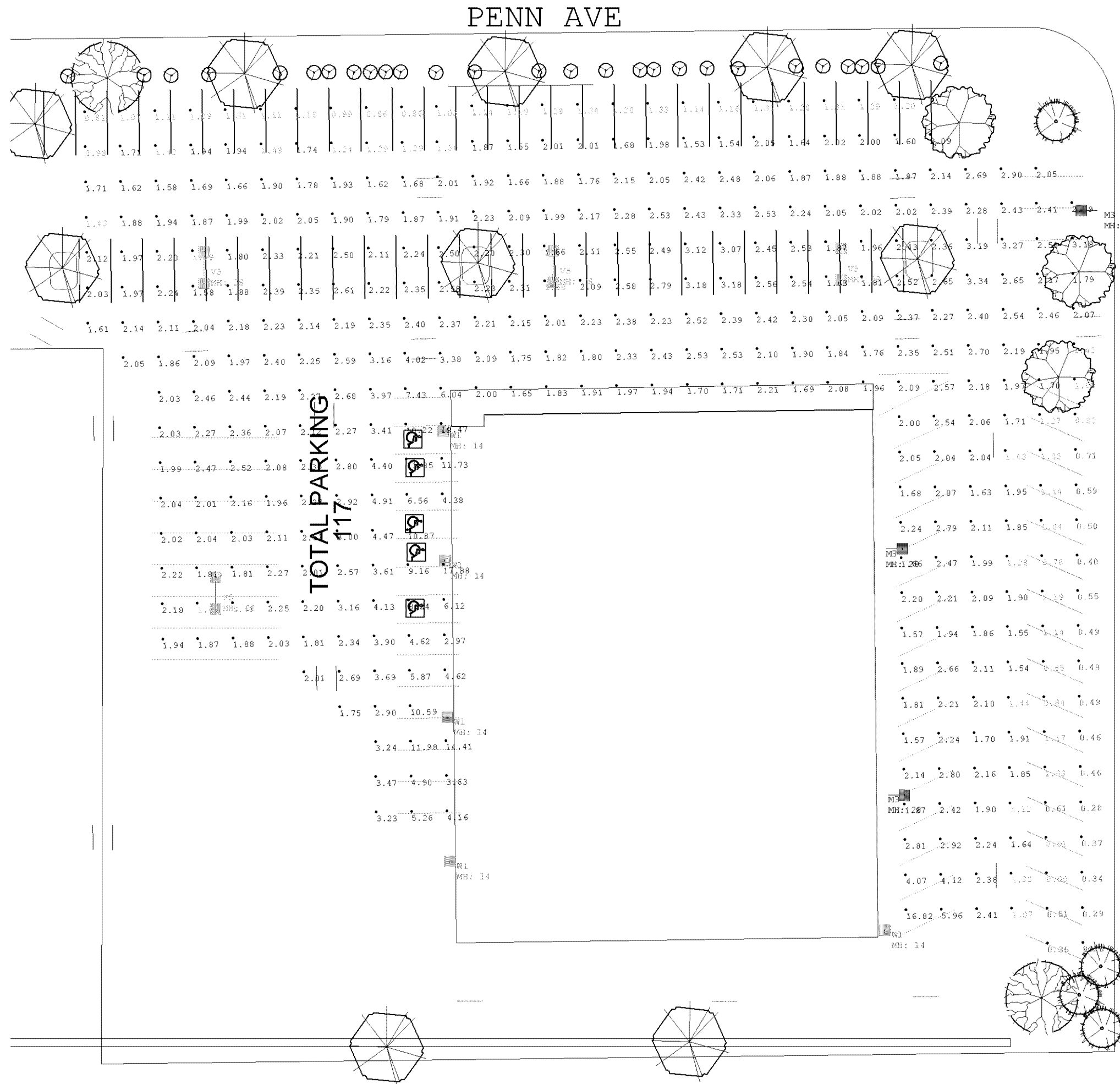


**A2 EAST ELEVATION**  
3/32" = 1'-0"

Zoning Review Only  
COB-DOMAIN\dfields  
05/02/2015



**A1 SOUTH ELEVATION**  
3/32" = 1'-0"



Scale: 1 inch= 30 Ft.

| Luminaire Schedule |     |       |             |        |       |                        |
|--------------------|-----|-------|-------------|--------|-------|------------------------|
| Symbol             | Qty | Label | Arrangement | Lumens | LLF   | Description            |
| [Symbol]           | 3   | M3    | SINGLE      | 23000  | 0.750 | LSI GFM-3-250-PSMV-F   |
| [Symbol]           | 4   | V5    | BACK-BACK   | 23000  | 0.750 | LSI GFM-5-250-PSMV-F   |
| [Symbol]           | 5   | W1    | SINGLE      | 22000  | 0.750 | LSI GBWM-FT-250-PSMH-F |

| Calculation Summary |             |       |      |       |      |         |         |
|---------------------|-------------|-------|------|-------|------|---------|---------|
| Label               | CalcType    | Units | Avg  | Max   | Min  | Avg/Min | Max/Min |
| Parking             | Illuminance | Fc    | 2.42 | 19.47 | 0.20 | 12.10   | 97.35   |
| Inner parking       | Illuminance | Fc    | 2.75 | 19.47 | 1.07 | 2.57    | 18.20   |
| Outer parking       | Illuminance | Fc    | 1.34 | 3.27  | 0.20 | 6.70    | 16.35   |

**APPROVED**  
 By Londell Pease at 10:56 am, Aug 19, 2014

**INSPECTIONS REQUIRED**

- 1) Prior to the installation, an inspection to verify delivery of the approved lamp, fixture, and pole must be completed.
- 2) Before a Certificate of Occupancy may be issued, a post-installation inspection by the Issuing Authority must verify compliance with the approved plan depicting the initial foot-candle levels.

**Individual points may not vary more than 20 percent from the initial light level on the approved plan.**

Any deviation below the Code requirements for the plan must be remedied prior to the issuance of a Certificate of Occupancy. (See City Code Section 21.307.07)

**CALL (952) 563-8920 for an inspection.**



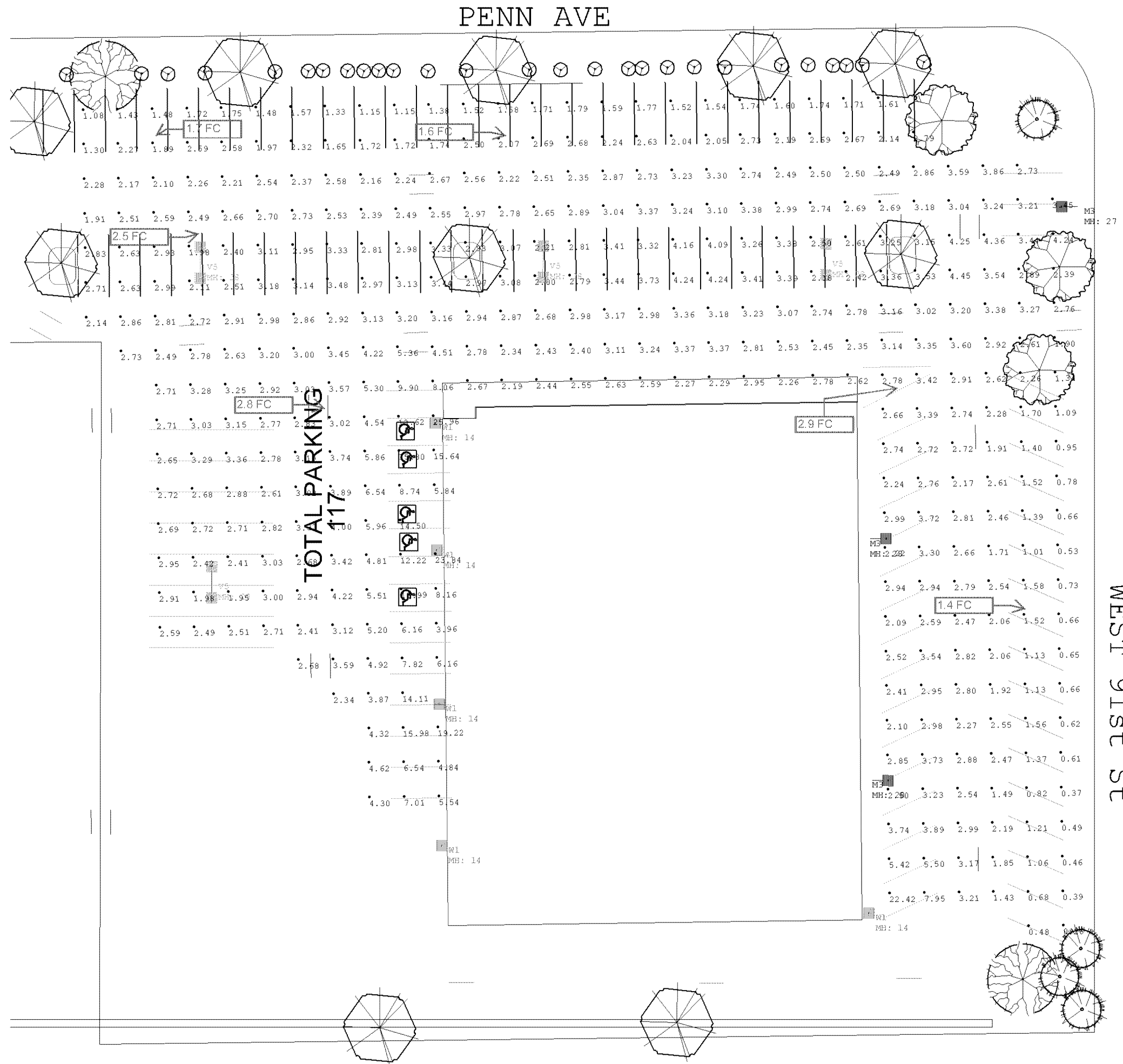
| # | Date | Comments |
|---|------|----------|
|   |      |          |

| Revisions |  |  |  |
|-----------|--|--|--|
|           |  |  |  |

Drawn By: KF  
 Sales Agent: Steve Hahn  
 Date: 7/2/2014  
 Scale: 1" = 30'

*These drawings are for conceptual use only and are not intended for construction. Values represented are an approximation generated from manufacturers photometric inhouse or independent lab tests with data supplied by lamp manufacturers.*

Inspected on August 18, 2014  
 by Dennis Fields.  
**PASSED INSPECTION**  
 See inspection noted on plan.



Scale: 1 inch= 30 Ft.

| Luminaire Schedule |     |       |             |        |       |                        |
|--------------------|-----|-------|-------------|--------|-------|------------------------|
| Symbol             | Qty | Label | Arrangement | Lumens | LLF   | Description            |
| [Symbol]           | 3   | M3    | SINGLE      | 23000  | 1.000 | LSI GFM-3-250-PSMV-F   |
| [Symbol]           | 4   | V5    | BACK-BACK   | 23000  | 1.000 | LSI GFM-5-250-PSMV-F   |
| [Symbol]           | 5   | W1    | SINGLE      | 22000  | 1.000 | LSI GBWM-FT-250-PSMH-F |

| Calculation Summary |             |       |      |       |      |         |         |
|---------------------|-------------|-------|------|-------|------|---------|---------|
| Label               | CalcType    | Units | Avg  | Max   | Min  | Avg/Min | Max/Min |
| Parking             | Illuminance | Fc    | 3.23 | 25.96 | 0.26 | 12.42   | 99.85   |
| Inner parking       | Illuminance | Fc    | 3.67 | 25.96 | 1.43 | 2.57    | 18.15   |
| Outer parking       | Illuminance | Fc    | 1.79 | 4.36  | 0.26 | 6.88    | 16.77   |

**APPROVED**  
 By Londell Pease at 10:57 am, Aug 19, 2014

**INSPECTIONS REQUIRED**

- 1) Prior to the installation, an inspection to verify delivery of the approved lamp, fixture, and pole must be completed.
- 2) Before a Certificate of Occupancy may be issued, a post-installation inspection by the Issuing Authority must verify compliance with the approved plan depicting the initial footcandle levels.  
Individual points may not vary more than 20 percent from the initial light level on the approved plan.

Any deviation below the Code requirements for the plan must be remedied prior to the issuance of a Certificate of Occupancy. (See City Code Section 21.307.07)

**CALL (952) 563-8920 for an inspection.**



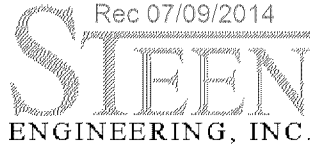
| # | Date | Comments |
|---|------|----------|
|   |      |          |

Revisions

Drawn By: KF  
 Sales Agent: Steve Hahn  
 Date: 7/2/2014  
 Scale: 1" = 30'

**9056 Penn Ave South**  
**LSI Greenbrier MH Initial**

*These drawings are for conceptual use only and are not intended for construction. Values represented are an approximation generated from manufacturers photometric inhouse or independent lab tests with data supplied by lamp manufacturers.*



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5430 Douglas Drive North Crystal, MN 55429 763-585-6742 main 763-585-6757 fax Email: steen@steeneng.com

July 9, 2014

Mr. Sheldon Berg  
DJR Architecture  
333 Washington Avenue North  
Suite 210, Union Plaza  
Minneapolis, Minnesota 55401

Re: Parking Lot Improvements Photometrics  
9056 Penn Ave South  
Bloomington, MN

Dear Sheldon:

We have reviewed the photometric plans for this project generated by Luma Sales dated 7/2/2014.

These photometric plans comply with the City of Bloomington requirements.

If you have any questions or comments, please call.

Sincerely,  
Steen Engineering, Inc.

A handwritten signature in black ink that reads "Steven M. Youngs". The signature is fluid and cursive, with a large, stylized "Y" at the end.

Steven M. Youngs, PE/MN 16544  
Principal