# BERGAMONT PARK

## 9229 BERGAMONT DR.
## CITY OF RIVERSIDE
### DEPARTMENT OF PARKS & RECREATION


t. i. maloney, inc.
landscape architecture ▪ planning
6180 Brockton Avenue, Suite 201 ▪ Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039

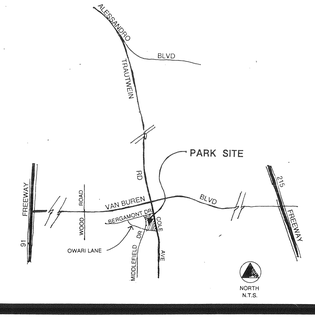

revisions

consultants


**RWR/PASCOE**
22690 CACTUS AVE., #140
MORENO VALLEY, CA. 92553
(714) 653-9295
CONTACT: JACK TAMAI

**INTEGRA ENG.**
621 E. CARNEGIE DR.
SUITE 120
SAN BERNARDINO, CA 92408
CONTACT: BERNIE BERNT
714-383-0200


vicinity map




approvals

Lee W. Bauhman 8/31/92
DIRECTOR OF PARKS AND RECREATION

Tony Vieira 8/31/92
PARK SUPERINTENDENT

Ronald L. Reese 8/31/92
RECREATION SUPERINTENDENT

Robert L. Jones 8-31-92
PARK PLANNING COORDINATOR

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| | | |
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BERGAMONT PARK

PLAN NO. P-0921

# BERGAMONT PARK

## 9229 BERGAMONT DR.
## CITY OF RIVERSIDE
### DEPARTMENT OF PARKS & RECREATION

APPROVED
CITY OF RIVERSIDE
BUILDING DIVISION
DATE: 1-22-93
BY: E. Duffley


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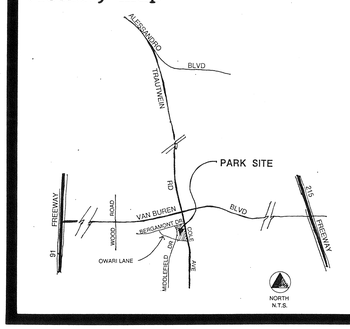
SUITE 120
SAN BERNARDINO, CA 92408
CONTACT: BERNIE BERNT
714-383-0200

vicinity map




approvals

index


| | |
|---|---|
| | TITLE SHEET |
| G-1 | GRADING PLAN |
| C-1 | CONSTRUCTION PLAN |
| C-2 | CONSTRUCTION DETAILS |
| C-3 | CONSTRUCTION DETAILS |
| C-4 | CONSTRUCTION DETAILS |
| I-1 | IRRIGATION PLAN |
| I-2 | IRRIGATION DETAILS |
| P-1 | PLANTING PLAN |
| P-2 | PLANTING DETAILS |
| E-1 | ELECTRICAL PLAN |
| E-2 | ELECTRICAL DETAILS |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NOV. 18 1991
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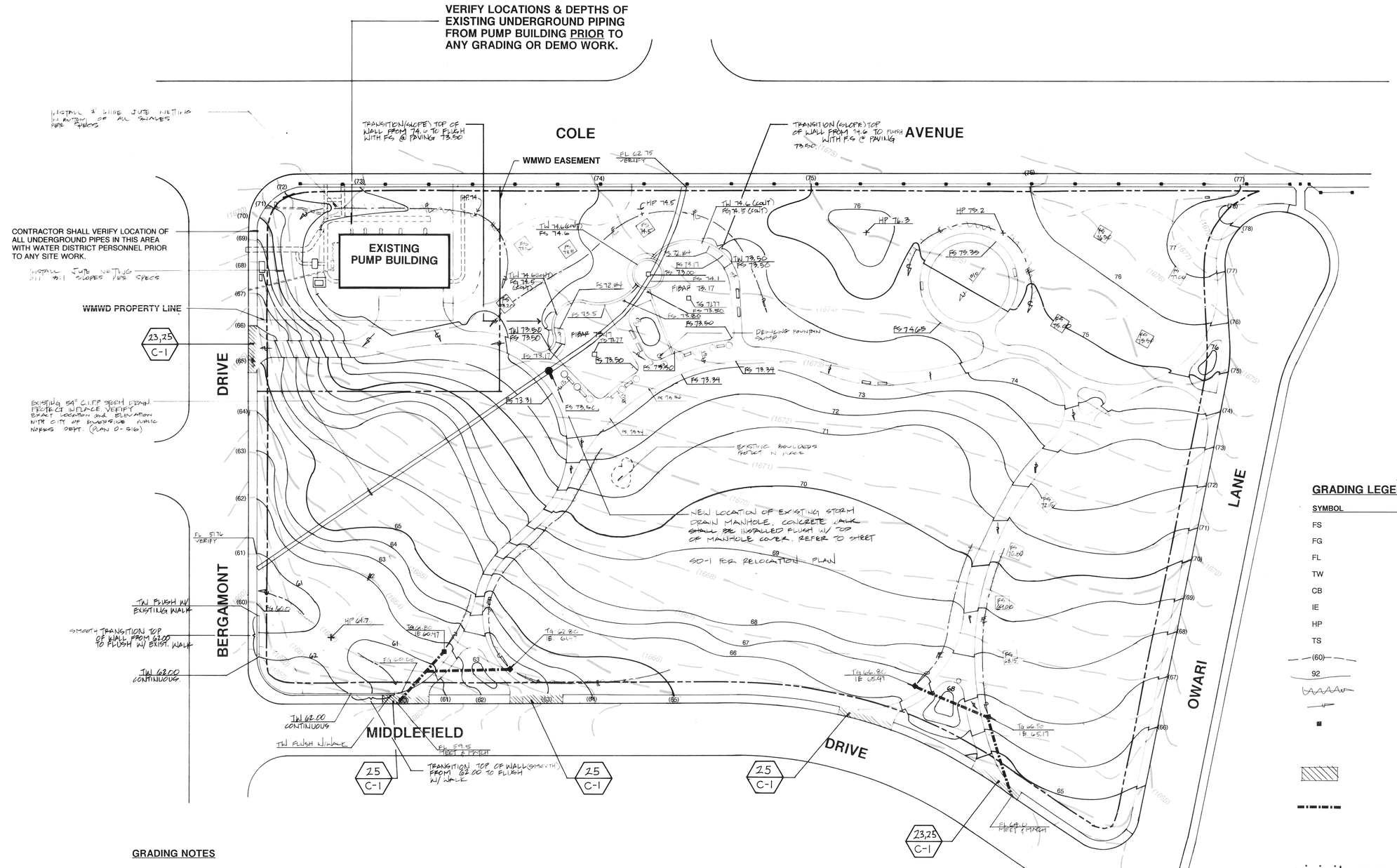
DEPARTMENT

NOV 18 1991




## GRADING LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| FS | FINISH SURFACE ELEVATION |
| FG | FINISH GRADE ELEVATION |
| FL | FLOW LINE |
| TW | TOP OF WALL ELEVATION |
| CB | TOP OF CATCH BASIN ELEVATION |
| IE | INVERT ELEVATION |
| HP | HIGH POINT ELEVATION |
| TS | TOP OF SUMP |
| (60) | EXISTING CONTOUR 1' INTERVAL |
| 92 | PROPOSED CONTOUR 1' INTERVAL |
| | SOFTSCAPE FLOW DIRECTION |
| | HARDSCAPE FLOW DIRECTION |
| | INSTALL BROOKS CATCH BASIN #1212 W/#1212 C.1. GRATE. INSTALL 4" PVC DRAINLINE, DAYLIGHT THROUGH CURB PACE (MAINTAIN MIN. 2% SLOPE) |
| | SAWCUT AND REMOVE EXISTING SIDEWALK AND DISPOSE OF IN A LEGAL MANNER. INSTALL NEW CONCRETE WALK AS SHOWN ON CONSTRUCTION PLANS. |
| | 4" PVC DRAINLINE (SCH. 40) |

## GRADING NOTES

1. All grading shall conform to Chapter 70 of the current city adopted edition of the Uniform Building Code.
2. All provisions of the preliminary soils report prepared by John R. Byerly, dated February 11, 1992 shall be complied with during grading operations.
3. This plan is for grading purposes only. Issuance of a permit based on this plan does not constitute approval of driveway locations or sizes, off-site drainage facilities or other items not related directly to the basic grading operation.
4. Certification from the registered landscape architect stating that the grading has been completed per the approved plan, and a compaction report from the soil engineer for fill areas are required prior to building permits being issued.
5. Contractor is responsible for erosion, dust and temporary drainage control during grading operations.
   a. All manufactured slopes in excess of 5 feet in vertical height are to be protected from erosion during rough grading operations and, thereafter, until installation of final groundcover. (See landscape plans for final groundcover).
   b. All slope protection swales to be constructed at the same time as banks are graded.
   c. The developer and his contractor are responsible for implementation and maintenance of the erosion control measures shown on this plan and also to provide any additional erosion control measures (e.g., hydroseeding, mulching of straw, sand bagging, diversion ditches, erosion and/or the introduction of dirt, mud or debris to existing public streets and/or onto adjacent properties during any phase of construction operations. Special attention shall be given to additional erosion control measures noted above during the period of October 15 to April 15.
   d. After a rainstorm, all silt and debris shall be removed from check berms and check dams. Silt and debris shall be removed from City of Riverside streets. This requirement shall remain in effect until city acceptance of the subdivision that drains onto city streets.
6. Any improvement constructed in the public right-of-way will require a separate construction permit and inspection from the Public Works Department.
7. Any walls, fences, structures and/or appurtances adjacent to this project are to be protected in place. If grading operations damage or adversely affect said items in any way, the contractor and/or developer is responsible for working out an acceptable solution to the satisfaction of the affected property owner(s).
8. The contractor is responsible for ensuring that retaining walls do not interfere with provision of utilities.
9. It is the grading contractor's responsibility to ensure that adequate compaction has been attained on the entire grading site, including fill areas on all slopes.
10. It is the soil engineer's responsibility to observe and perform compaction tests during the grading to evaluate the preparation of the natural ground surface to receive the fill and the compaction attained in the fill, including fill areas outside the building pads and on all fill slopes.
11. Earthwork quantities are shown for grading permit purposes only, and the City of Riverside is not responsible for their accuracy.

a:berg.grd (d-126)

## CUT & FILL VOLUMES & NOTE

IT IS THE INTENT OF THE DRAWINGS THAT THE GRADING SHALL BE A BALANCED OPERATION WITH SITE MATERIAL. IF DURING GRADING OPERATIONS AN EXCESS OR DEFICIENCY OF EARTH BECOMES APPARENT, THE CITY AND LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING IMMEDIATELY SO THAT ADJUSTMENTS TO GRADES CAN BE MADE SUCH THAT THE GRADING SHALL BE COMPLETED WITH SITE MATERIAL CONFORMING AS NEARLY AS POSSIBLE TO THE FINISH GRADES SHOWN AND INSURING POSITIVE DRAINAGE WITHOUT ADDITIONAL COST TO THE CITY.

TOTAL CUT: 2500
TOTAL FILL: 2500

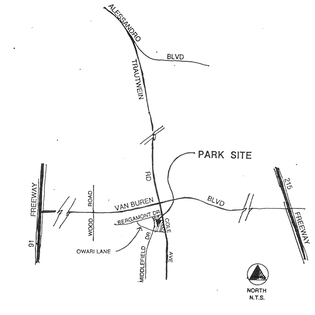
THESE QUANTITIES ARE RAW QUANTITIES AND DO NOT TAKE INTO ACCOUNT CLEARING AND GRUBBING LOSSES, SUBSIDENCE, SHRINKING AND/OR BULKING.

## BENCHMARK

1" I.P. WITH PLASTIC PLUG STAMPED L.S. 3018 AT THE P.I. OF CENTERLINE OF OWARI LANE AND CENTERLINE OF MIDDLEFIELD DRIVE. ELEV. 1663.73'

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE #:
T. I. MALONEY, INC. - 114037, Exp. 3/1/93
JOHN R. BYERLY, INC. - 5463, Exp. 12/31/92

## vicinity map




## APPROVALS

Jed A Smith 9/3/92
PLANNING DEPARTMENT
EPC Review Not Required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landscape architecture • planning
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(714) 369-0700 fax (714) 369-4039


# BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

## GRADING AND DEMOLITION PLAN

REGISTERED LANDSCAPE ARCHITECT
3-28-92
STATE OF CALIFORNIA

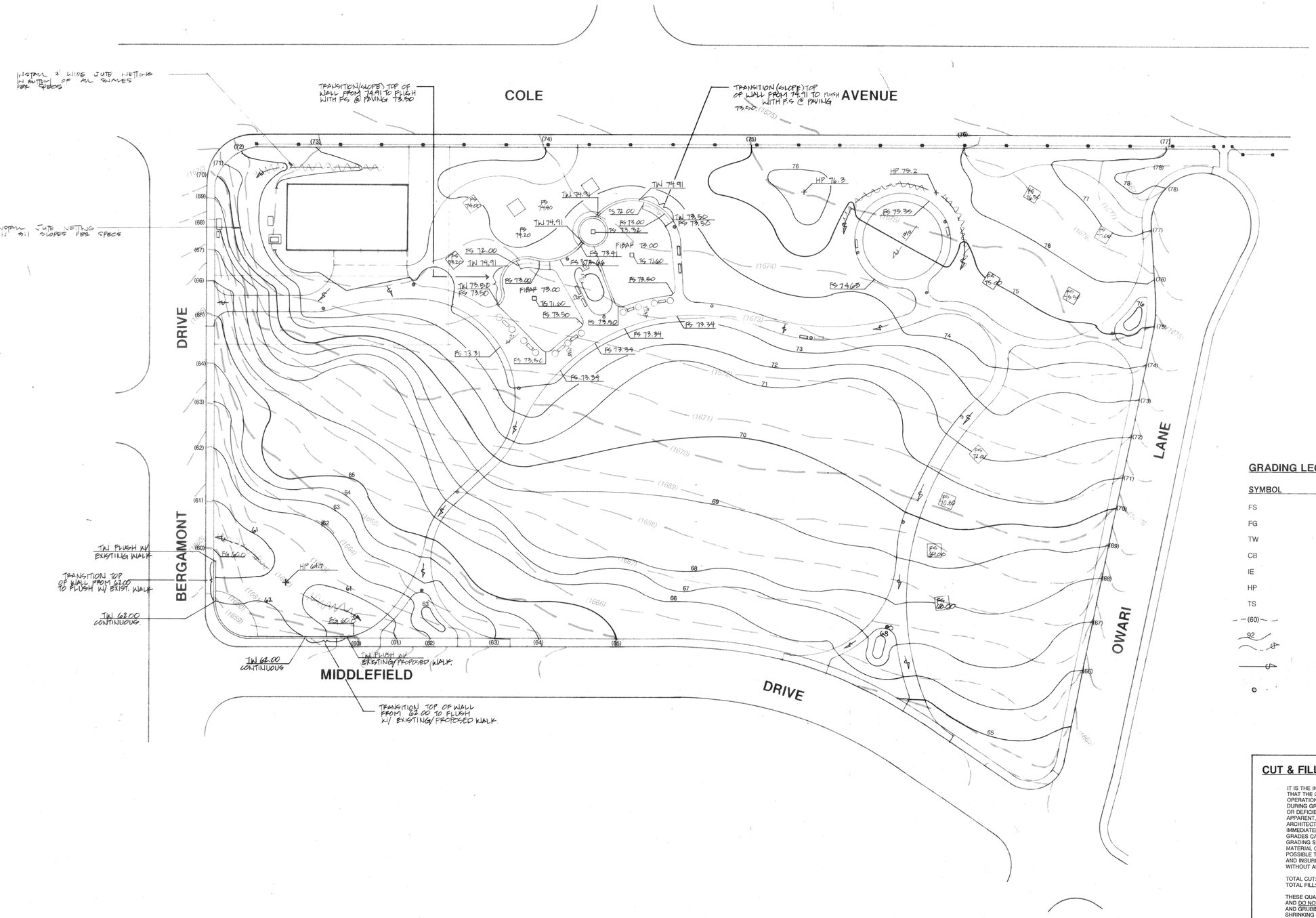
DATE 2/21/92
JOB NO 910309
DRAWN KB
CHECKED DG

SCALE 1" = 30' -0"

G-1

2 13

PLAN NO. P-0921




## GRADING LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| FS | FINISH SURFACE ELEVATION |
| FG | FINISH GRADE ELEVATION |
| TW | TOP OF WALL ELEVATION |
| CB | TOP OF CATCH BASIN ELEVATION |
| IE | INVERT ELEVATION |
| HP | HIGH POINT ELEVATION |
| TS | TOP OF SUMP ELEVATION |
| (60) | EXISTING CONTOUR 1' INTERVAL |
| 92 | PROPOSED CONTOUR 1' INTERVAL |
| | SOFTSCAPE FLOW DIRECTION |
| | HARDSCAPE FLOW DIRECTION |
| | LIGHT STANDARD (REFER TO SHEET C-1) |

## CUT & FILL VOLUMES & NOTE

IT IS THE INTENT OF THE DRAWINGS THAT THE GRADING SHALL BE A BALANCED OPERATION WITH SITE MATERIAL. IF DURING GRADING OPERATIONS AN EXCESS OR DEFICIENCY OF EARTH BECOMES APPARENT, THE CITY AND LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING IMMEDIATELY SO THAT ADJUSTMENTS TO GRADES CAN BE MADE SUCH THAT THE GRADING SHALL BE COMPLETED WITH SITE MATERIAL CONFORMING AS NEARLY AS POSSIBLE TO THE FINISH GRADES SHOWN AND INSURING POSITIVE DRAINAGE WITHOUT ADDITIONAL COST TO THE CITY.

TOTAL CUT: 2500
TOTAL FILL: 2500

THESE QUANTITIES ARE RAW QUANTITIES AND DO NOT TAKE INTO ACCOUNT CLEARING AND GRUBBING LOSSES, SUBSIDENCE, SHRINKING AND/OR BULKING.

## BENCHMARK

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# BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

## GRADING PLAN

SHEET DESCRIPT. IN

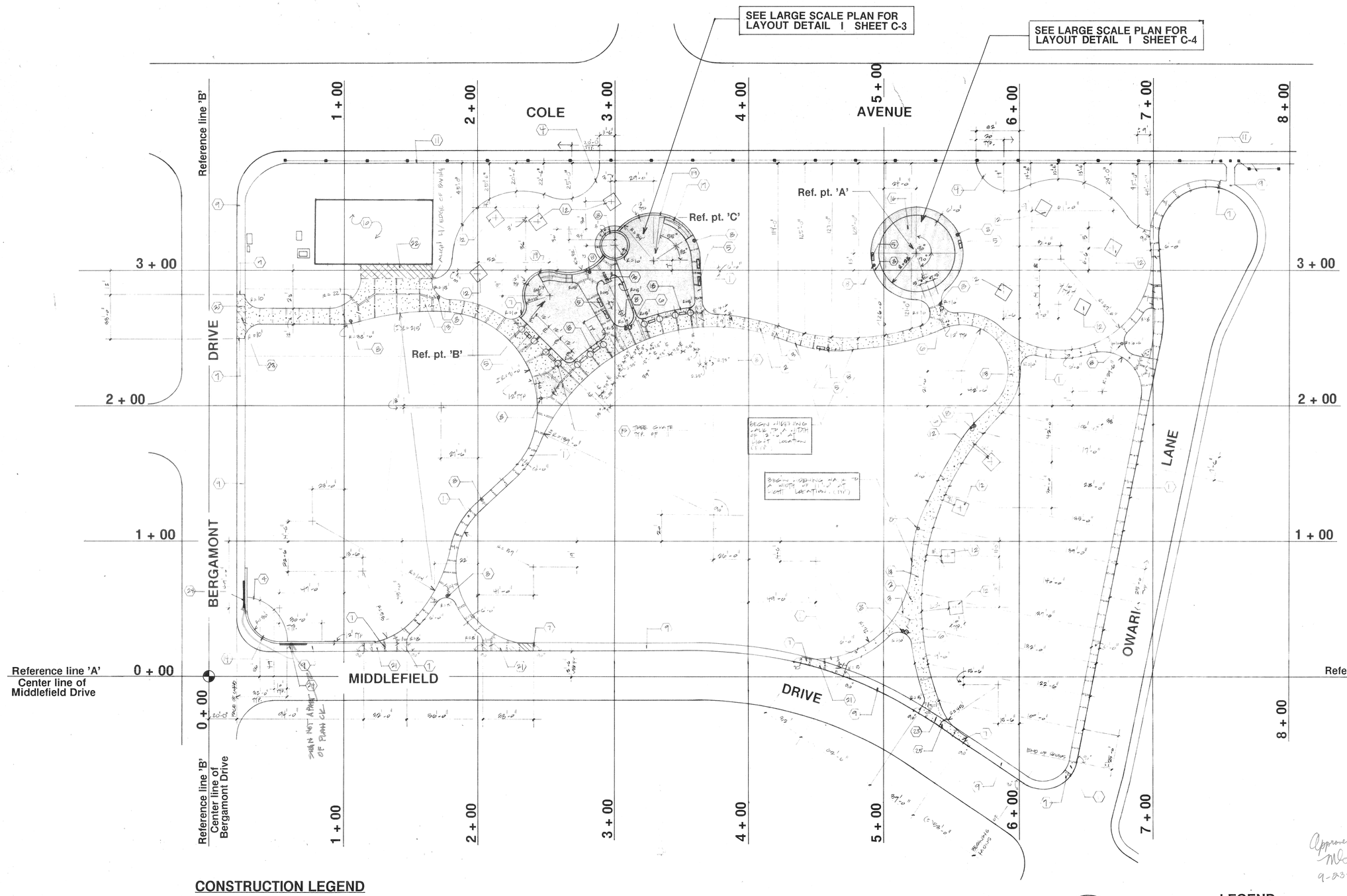
REGISTERED LANDSCAPE ARCHITECT
T. I. MALONEY, INC.
Signature
Date
STATE OF CALIFORNIA

DATE 11-18-91
JOB NO. 910309
DRAWN KB
CHECKED
REVISIONS

SCALE 1" = 30' -0"

G-1

1 of 11




## CONSTRUCTION LEGEND

1. Install 4" thick concrete walk per details 'A', 'B' sheet C-2.
2. Install score joint per detail 'B' sheet C-2.
3. Install expansion joint per detail 'B' sheet C-2.
4. Install concrete mow curb per detail 'C' sheet C-2.
5. Install bench per detail 'D', sheet C-2.
6. Install trash receptacle per detail 'E' sheet C-2.
7. Meet flush and match concrete walk with existing (typical).
8. Install area lights per electrical plan, sheet E-1.
9. Existing concrete walk protect in place.
10. Existing pump building protect in place.
11. Existing fence protect in place.
12. Install picnic table/concrete pad per details 'F', sheet C-2. (Layout concrete pads per construction plan).
13. Install 6" thick concrete walk per details 'A', 'B' sheet C-2.
14. Install entry monument signage per detail 'J' sheet C-2.
15. Install tree grate and frame per detail 'B' sheet C-4.
16. Install basketball court per details 'A', 'I' sheet C-4.
17. Install play area curb per detail 'C' sheet C-3.
18. Install play area curb/walk per detail 'B' sheet C-3.
19. Install play area seat wall per detail 'D' sheet C-3.
20. Install drinking fountain per detail 'E', 'F', 'G', 'H' sheet C-3.
21. Sawcut and remove existing sidewalk in a legal manor. Install new concrete walk as shown on plan and per City of Riverside standard drawing #325. Protect existing concrete curb and handicap ramp in place.
22. Install turf crete per manufacturer's specifications.
23. Install driveway approach per City of Riverside standard detail #302 (type 4).
24. Install signage per detail 'J' sheet C-2.
25. Install concrete walk per plan and City of Riverside standard drawing #325. Install curb per City of Riverside standard drawing #200 (Type I). Repair and patch damaged asphalt per City of Riverside standards.

a:berg.dig (d-87)

## LEGEND

- 4" THICK CONCRETE WALK PER DETAIL 'A', 'B' SHEET C-2.
- 6" THICK CONCRETE WALK PER DETAIL 'A', 'B' SHEET C-2.
- EXPANSION JOINT PER DETAIL 'B' SHEET C-2.
- WEAKENED PLANE JOINT PER DETAIL 'B' SHEET C-2.
- TURF CRETE PER SPECIFICATIONS.

Approved with plan
MDZ
9-23-92

ZONE: "O"
0-3-901
DR-53-912

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# BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

CONSTRUCTION PLAN

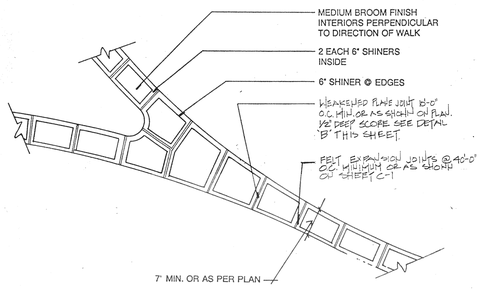
REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY No. 2110
Signature
Date
STATE OF CALIFORNIA

DATE 11-18-91
JOB NO. 910309
DRAWN CN
CHECKED
REVISIONS

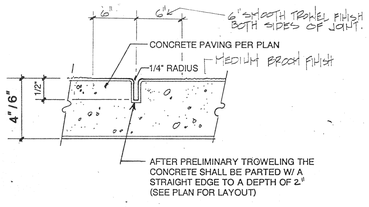
SCALE 1" = 30' -0"

C-1

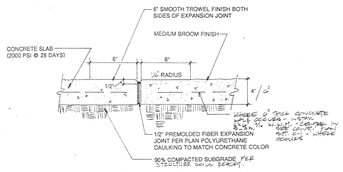
2 11




**A CONCRETE PAVING - PLAN VIEW**

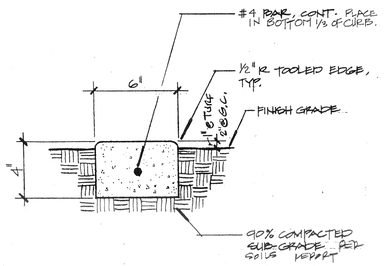



WEAKENED PLANE JOINT

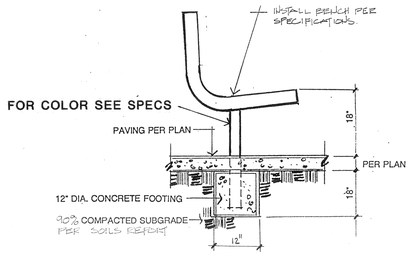



EXPANSION JOINT

**B EXPANSION/WEAKENED PLANE JOINT**




**C CONCRETE MOW CURB**




NO BLOCK OUTS

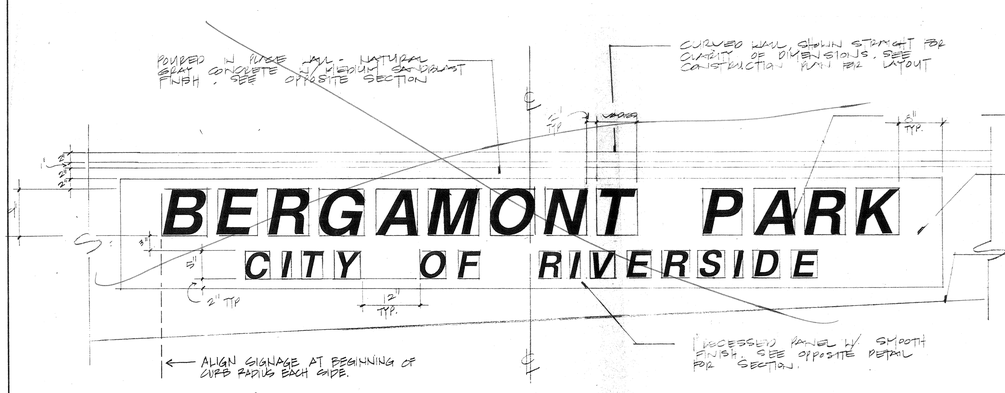
**D BENCH**

**E**

**F**

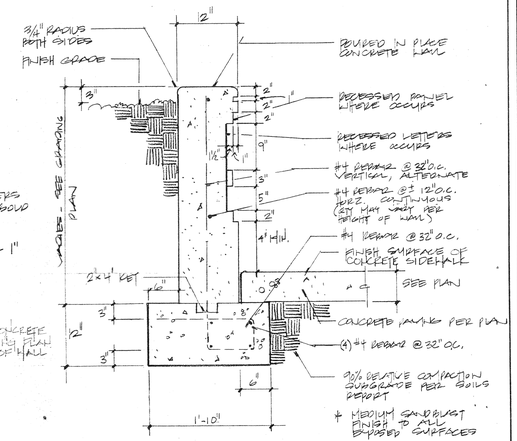
**G**

**H**




ELEVATION

SCALE 1" = 1'-0"

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NOV 18 1991

**I**

**J ENTRY MONUMENT SIGNAGE**


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(714) 369-0700 fax (714) 369-4039


**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION: **CONSTRUCTION DETAILS**

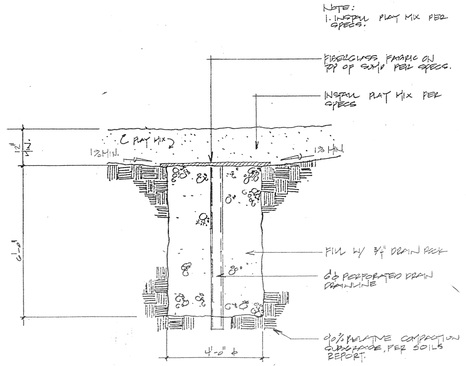
REGISTERED LANDSCAPE ARCHITECT
TIMOTHY L. MALONEY No. 2710
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE: | 11-18-91 |
| JOB NO.: | 910309 |
| DRAWN: | R.W. |
| CHECKED: | DG |
| REVISIONS: | |

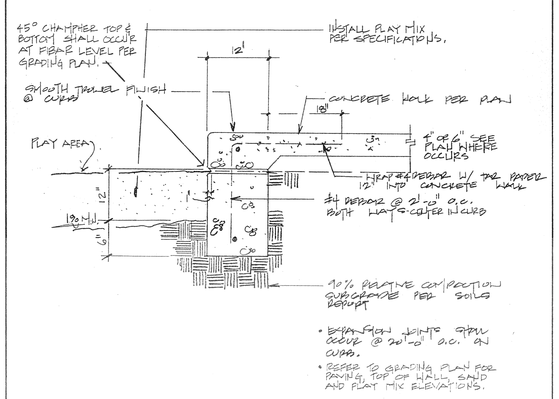
N/A

SCALE: N/A

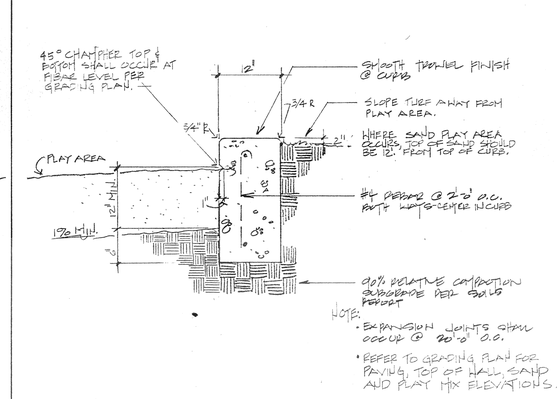
C-2



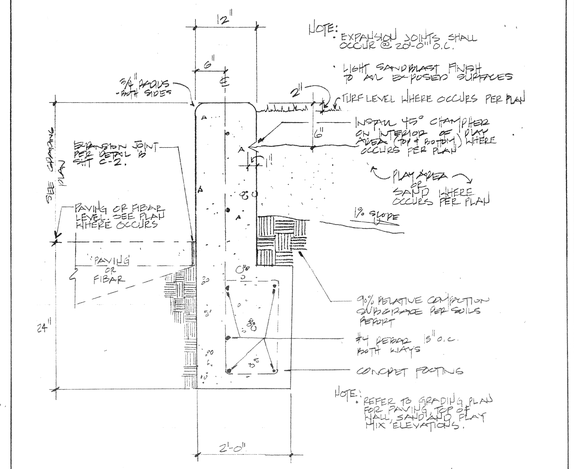

## A PLAY AREA SUMP



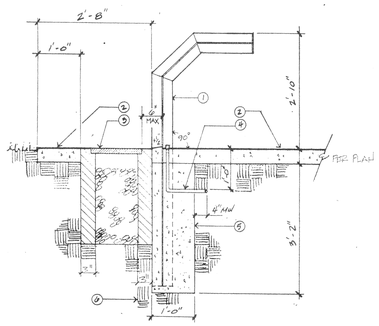

## B PLAY AREA WALK/CURB




## C PLAY AREA CURB



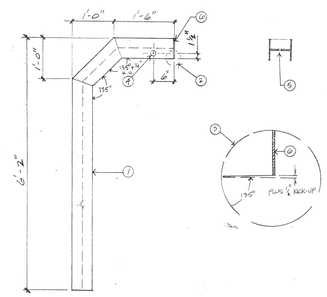

## D PLAY AREA SEAT WALL




LEGEND

1. W6 "H" COLUMN - 15 LBS/FT 6 IN. DEPTH BY 6 IN. WIDTH.
2. HARDSCAPE PER PLANS.
3. FLOOR DRAIN MODEL #A-325 AS MANUFACTURED BY ALHAMBRA FOUNDRY COMPANY (818) 289-4294. INSTALL 1/8" LOWER THAN FINISH SURFACE OF ADJOINING HARDSCAPE. FILL WITH 3/4" GRAVEL.
4. 1" SCH 40 PVC DOMESTIC SUPPLY LINE.
5. 2000 PSI @ 28 DAYS CONCRETE FOOTING.
6. COMPACTED SUBGRADE. PER SOILS REPORT

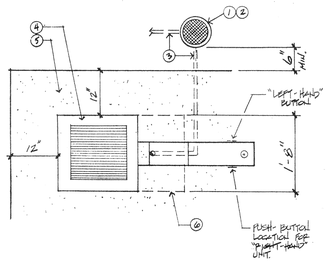
## E DRINKING FOUNTAIN - INSTALLATION




LEGEND

1. W6 "H" COLUMN - 15 LBS/FT 6 IN. DEPTH BY 6 IN. WIDTH. MITRE CUT & WELD FULL PEN BUTT WELD, TYP. ALL WELDS. GRIND ALL WELDS FLUSH. HOT DIP GALV. ALL PARTS AFTER WELDING & GRINDING.
2. SEE ENLARGEMENT AT RIGHT FOR KICK-UP DETAIL.
3. KICK-UP 1/4" ABOVE HORIZONTAL DURING FABRICATION TO PROVIDE SLOPE FOR POSITIVE DRAINAGE TO SUMP.
4. CONTROL PUSH-BUTTON AND FLOW CONTROL SHALL BE MURDOCK SELF-CLOSING PUSH-BUTTON WITH VANDAL GUARD. WAKEFIELD CO. (714) 857-1236. BUTTON BODY: DRILL 1-1/4 IN. DIA. HOLE; GUARD; DRILL 2 NO. 25 PILOT HOLES & TAP TO ACCEPT 10/24 SCREWS TO ATTACH FLANGE. 1/2" FPT x 3/8" MPT GALV. REDUCER ON EACH SIDE (NOTE: "RIGHT-HAND" UNIT SHOWN).
5. CHROME POLISHED HAWS NO. 5708 (1/2" MIPS) BUBBLER HEAD, PHONE (213) 724-1120. DRILL WEB 29/32 IN. TO ACCEPT BUBBLER.
6. 1/4 IN. THICK STEEL PLATE, CONT. WELD TO ENDS OF "H". GRIND ALL WELDS FLUSH & SMOOTH.
7. PAINT PER SPECIFICATIONS.

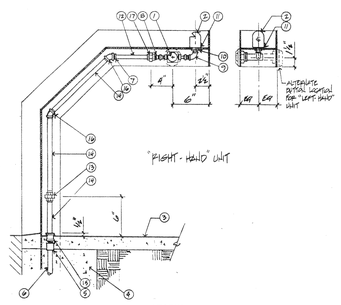
## F DRINKING FOUNTAIN - FABRICATION




LEGEND

1. ROUND CONCRETE GATE VALVE BOX WITH NON-HINGED LOCKING CAST IRON COVER MARKED EITHER "GATE VALVE" OR "G.V." WITH LETTERS CAST OR TOOLED IN COVER.
2. CHAMPION CO. NO. 300 ANGLE VALVE WITH HAND WHEEL AND UNION.
3. 1" SCH 40 PVC DOMESTIC SUPPLY LINE.
4. FLOOR DRAIN MODEL #A-325 AS MANUFACTURED BY ALHAMBRA FOUNDRY COMPANY (818) 289-4294. INSTALL 1/8" LOWER THAN FINISH SURFACE OF ADJOINING HARDSCAPE. FILL WITH 3/4" GRAVEL.
5. HARDSCAPE PER PLANS.
6. CONCRETE FOOTING.

## G DRINKING FOUNTAIN - PLAN VIEW



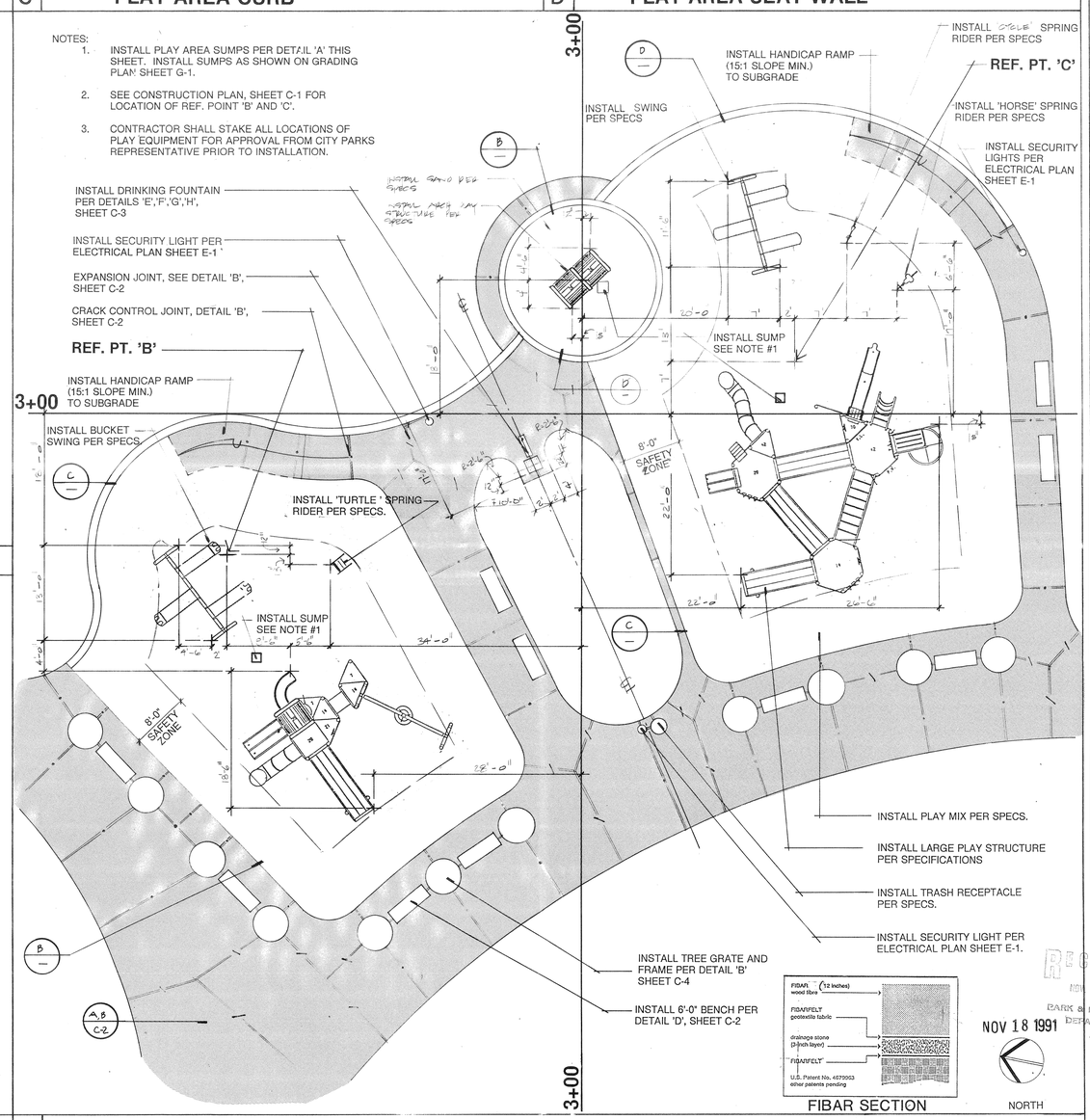

LEGEND

1. CONTROL PUSH-BUTTON AND FLOW CONTROL SHALL BE MURDOCK SELF-CLOSING PUSH-BUTTON WITH VANDAL GUARD. WAKEFIELD CO. (714) 857-1236. BUTTON BODY: DRILL 1-1/4 IN. DIA. HOLE; GUARD; DRILL 2 NO. 25 PILOT HOLES & TAP TO ACCEPT 10/24 SCREWS TO ATTACH FLANGE. 1/2" FPT x 3/8" MPT GALV. REDUCER ON EACH SIDE.
2. CHROME POLISHED HAWS NO. 5708 (1/2" MIPS) BUBBLER HEAD, PHONE (213) 724-1120. DRILL WEB 29/32 IN. TO ACCEPT BUBBLER. WATERPROOF MASTIC UNDER BUBBLER HEAD.
3. HARDSCAPE PER PLANS.
4. CONCRETE FOOTING
5. SCH 40 PVC 1" SLIP x 1" MPT PIPE ADAPTER
6. 1" SCH 40 PVC DOMESTIC SUPPLY LINE
7. 1" MPT x 3/4" FPT GALV. REDUCER
8. 3/4" MPT x 1/2" FPT GALV. REDUCER
9. 1/2" GALV. ELL
10. LOCK NUT & WASHER
11. MASTIC
12. 3/4" GALV. NIPPLE
13. 1" GALV. UNION
14. 1" GALV. NIPPLE
15. 1" GALV. COUPLING
16. 1" GALV. 45 COUPLING
17. 3/4" GALV. UNION

## H DRINKING FOUNTAIN - PLUMBING DETAIL

NOTES:

1. INSTALL PLAY AREA SUMPS PER DETAIL 'A' THIS SHEET. INSTALL SUMPS AS SHOWN ON GRADING PLAN SHEET G-1.
2. SEE CONSTRUCTION PLAN, SHEET C-1 FOR LOCATION OF REF. POINT 'B' AND 'C'.
3. CONTRACTOR SHALL STAKE ALL LOCATIONS OF PLAY EQUIPMENT FOR APPROVAL FROM CITY PARKS REPRESENTATIVE PRIOR TO INSTALLATION.




SCALE: 1/8" = 1'-0"

## I PLAY AREA ENLARGEMENT


t. i. maloney, inc.
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(714) 369-0700 fax (714) 369-4039


**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION: **CONSTRUCTION DETAILS**

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY, NO. 2119
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE: | 11-18-91 |
| JOB NO.: | 910309 |
| DRAWN: | R.W. |
| CHECKED: | DG |
| REVISIONS: | |

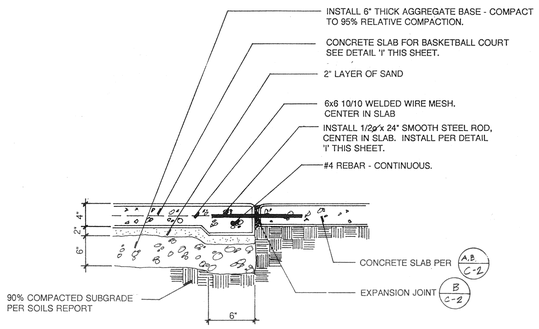
RECEIVED NOV 18 1991 PARK & RECREATION DEPARTMENT

NOV 18 1991

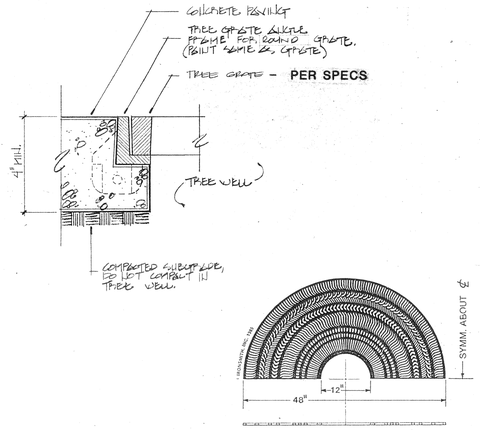
N/A

SCALE: N/A

C-3




A BASKETBALL COURT




B TREE GRATE - GRATE & FRAME

C

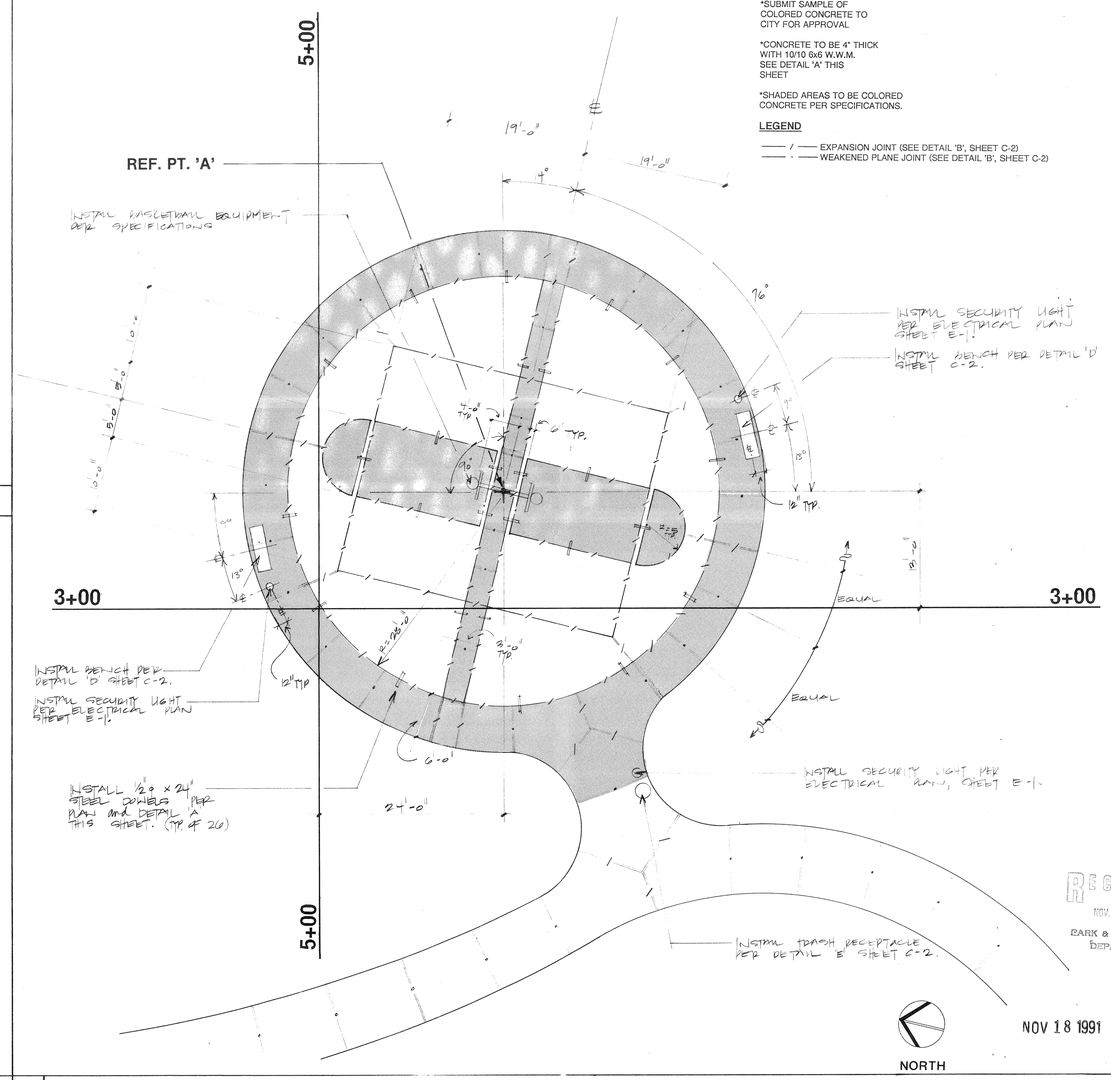
D

E

F

G

H




NOTES:
*ALL CONCRETE TO HAVE LIGHT BROOM FINISH

*SUBMIT SAMPLE OF COLORED CONCRETE TO CITY FOR APPROVAL

*CONCRETE TO BE 4" THICK WITH 10/10 6x6 W.W.M. SEE DETAIL 'A' THIS SHEET

*SHADED AREAS TO BE COLORED CONCRETE PER SPECIFICATIONS.

LEGEND

—— / —— EXPANSION JOINT (SEE DETAIL 'B', SHEET C-2)
—— · —— WEAKENED PLANE JOINT (SEE DETAIL 'B', SHEET C-2)

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I BASKETBALL COURT ENLARGEMENT

SCALE: 1/8" = 1'-0"

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(714) 369-0700 fax (714) 369-4039

BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION:
CONSTRUCTION DETAILS

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY NO. 2110
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE: | 11-18-91 |
| JOB NO.: | 910309 |
| DRAWN: | R.W. |
| CHECKED: | DG |
| REVISIONS: | |

N/A

SCALE: N/A

C-4

IRRIGATION POINT OF CONNECTION TO BE INTO 3/4" APPROVED WATER METER PROVIDED AND INSTALLED BY WESTERN MUNICIPAL WATER DISTRICT. ALL COSTS TO BE PAID FOR BY WMWD. IRRIGATION BACKFLOW PREVENTER TO BE 1" WILKINS 575SS REDUCED PRESSURE TYPE. FINAL LOCATION OF BACKFLOW PREVENTER TO BE DETERMINED IN FIELD BY AUTHORIZED WMWD REPRESENTATIVE. MINIMUM STATIC PRESSURE AT POC IS 55 PSI. MAXIMUM DEMAND ON SYSTEM IS 18 GPM. SCREEN BACKFLOW PREVENTER WITH SHRUBS.

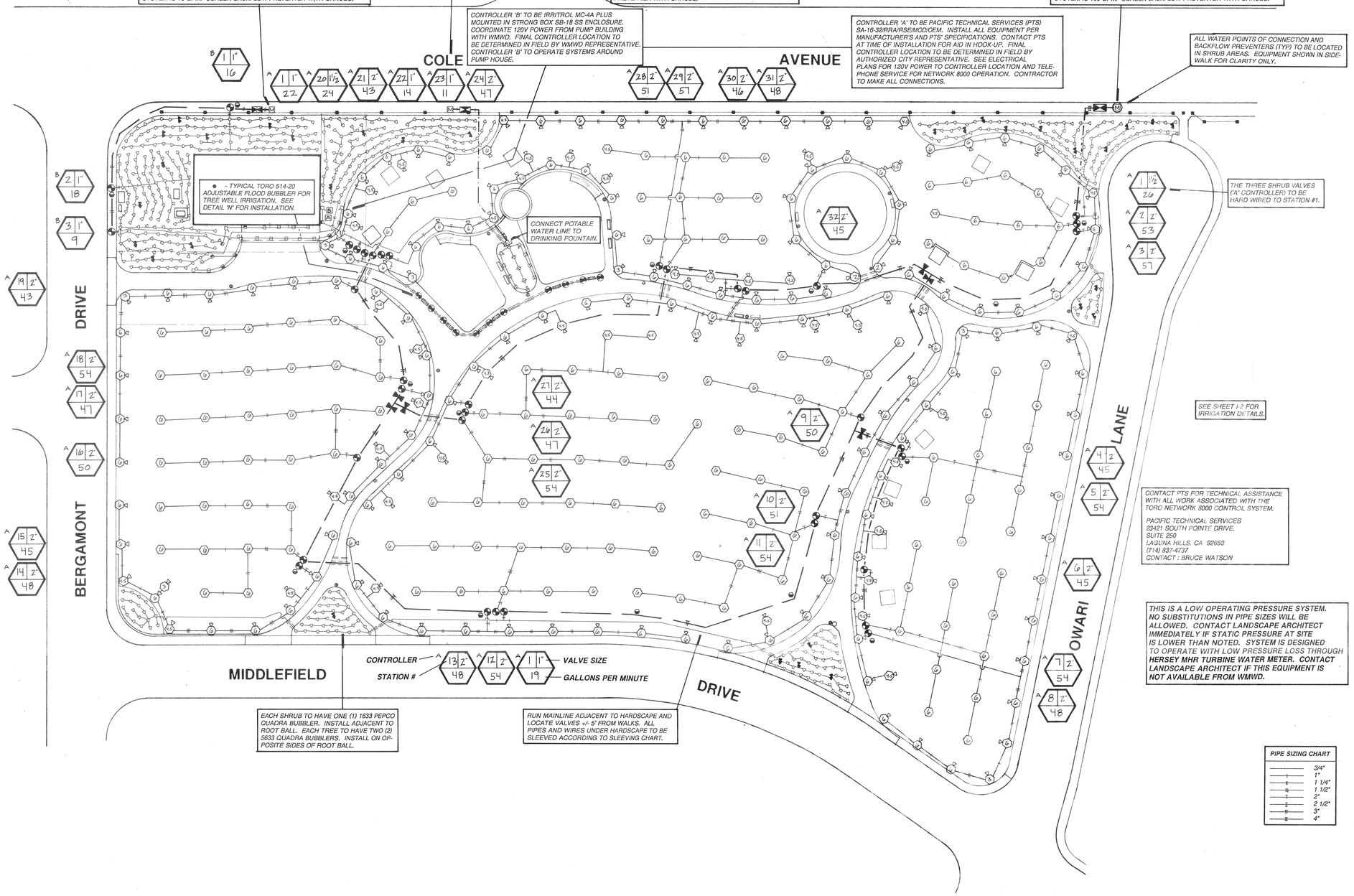
POTABLE WATER POINT OF CONNECTION TO BE INTO 3/4" WATER METER PROVIDED AND INSTALLED BY WESTERN MUNICIPAL WATER DISTRICT. ALL COSTS TO BE PAID FOR BY CITY. POTABLE WATER BACKFLOW PREVENTER TO BE 3/4" WILKINS 575SS. FINAL LOCATION OF BACKFLOW DEVICE TO BE DETERMINED IN FIELD BY AUTHORIZED CITY REPRESENTATIVE. SCREEN BACKFLOW PREVENTER WITH SHRUBS.

IRRIGATION POINT OF CONNECTION TO BE INTO 2" HERSEY MHR WATER METER PROVIDED AND INSTALLED BY WESTERN MUNICIPAL WATER DISTRICT. ALL COSTS TO BE PAID FOR BY CITY. IRRIGATION BACKFLOW PREVENTER TO BE 2" WILKINS 575SS REDUCED PRESSURE TYPE. FINAL LOCATION OF BACKFLOW PREVENTER TO BE DETERMINED IN FIELD BY AUTHORIZED CITY REPRESENTATIVE. MINIMUM STATIC PRESSURE AT POC IS 55 PSI. MAXIMUM DEMAND ON SYSTEM IS 100 GPM. SCREEN BACKFLOW PREVENTER WITH SHRUBS.

CONTROLLER 'B' TO BE IRRITROL MC-4A PLUS MOUNTED IN STRONG BOX SB-18 SS ENCLOSURE. COORDINATE 120V POWER FROM PUMP HOUSE BUILDING WITH WMWD. FINAL CONTROLLER LOCATION TO BE DETERMINED IN FIELD BY WMWD REPRESENTATIVE. CONTROLLER 'B' TO OPERATE SYSTEMS AROUND PUMP HOUSE.

CONTROLLER 'A' TO BE PACIFIC TECHNICAL SERVICES (PTS) SA-16-32/RRA/RSE/MODOEM. INSTALL ALL EQUIPMENT PER MANUFACTURER'S AND PTS' SPECIFICATIONS. CONTACT PTS AT TIME OF INSTALLATION FOR AID IN HOOK-UP. FINAL CONTROLLER LOCATION TO BE DETERMINED IN FIELD BY AUTHORIZED CITY REPRESENTATIVE. SEE ELECTRICAL PLANS FOR 120V POWER TO CONTROLLER LOCATION AND TELEPHONE SERVICE FOR NETWORK 8000 OPERATION. CONTRACTOR TO MAKE ALL CONNECTIONS.

ALL WATER POINTS OF CONNECTION AND BACKFLOW PREVENTERS (TYP) TO BE LOCATED IN SHRUB AREAS. EQUIPMENT SHOWN IN SIDEWALK FOR CLARITY ONLY.




EACH SHRUB TO HAVE ONE (1) 1633 PEPCO QUADRA BUBBLER. INSTALL ADJACENT TO ROOT BALL. EACH TREE TO HAVE TWO (2) 5633 QUADRA BUBBLERS. INSTALL ON OPPOSITE SIDES OF ROOT BALL.

RUN MAINLINE ADJACENT TO HARDSCAPE AND LOCATE VALVES +/- 5' FROM WALKS. ALL PIPES AND WIRES UNDER HARDSCAPE TO BE SLEEVED ACCORDING TO SLEEVING CHART.

CONTACT PTS FOR TECHNICAL ASSISTANCE WITH ALL WORK ASSOCIATED WITH THE TORO NETWORK 8000 CONTROL SYSTEM.

PACIFIC TECHNICAL SERVICES
23421 SOUTH POINTE DRIVE.
SUITE 250
LAGUNA HILLS, CA 92653
(714) 837-4737
CONTACT : BRUCE WATSON

THIS IS A LOW OPERATING PRESSURE SYSTEM. NO SUBSTITUTIONS IN PIPE SIZES WILL BE ALLOWED. CONTACT LANDSCAPE ARCHITECT IMMEDIATELY IF STATIC PRESSURE AT SITE IS LOWER THAN NOTED. SYSTEM IS DESIGNED TO OPERATE WITH LOW PRESSURE LOSS THROUGH **HERSEY MHR TURBINE WATER METER. CONTACT LANDSCAPE ARCHITECT IF THIS EQUIPMENT IS NOT AVAILABLE FROM WMWD.**

**Underground Service Alert**
Call: TOLL FREE
**1-800 422-4133**
TWO WORKING DAYS BEFORE YOU DIG

| PIPE SIZING CHART |
|---|
| 3/4" |
| 1" |
| 1 1/4" |
| 1 1/2" |
| 2" |
| 2 1/2" |
| 3" |
| 4" |

| SLEEVING CHART | | |
|---|---|---|
| # WIRES | PIPE SIZE | SLEEVE SIZE |
| 1-8 | 3/4" | 1 1/2" SCH 40 |
| 9-15 | 1" | 2" SCH 40 |
| 16-25 | 1 1/4" | 2 1/2" SCH 40 |
| 26-35 | 1 1/2" | 3" SCH 40 |
| 36-50 | 2"-2 1/2" | 4" SCH 40 |
| 51-80 | 3"-4" | 6" SCH 40 |
| 81-110 | 6"-8" | 10" SCH 40 |

## SPRINKLER LEGEND

| SYM. | MANUFACTURER/MODEL | DESCRIPTION | NOZZLE | RADIUS | GPM | PSI | DETAIL |
|---|---|---|---|---|---|---|---|
| ○ | TORO S700C-PC-2.0-RUBBER COVER * | TURF PO-UP ROTOR HEAD | 2.0 | 20'-30' | 1.4 | 25 | 'H' |
| ○ | TORO S700C-PC-3.0-RUBBER COVER * | | 3.0 | 20'-30' | 2.4 | 25 | 'H' |
| ○ | TORO S700C-PC-4.5-RUBBER COVER * | | 4.5 | 20'-30' | 2.8 | 25 | 'H' |
| ○ | TORO S700C-PC-6.0-RUBBER COVER * | | 6.0 | 20'-30' | 4.1 | 25 | 'H' |
| ○ | TORO S700C-FC-4.5-RUBBER COVER * | | 4.5 | 20'-30' | 2.8 | 25 | 'H' |
| ○ | TORO S700C-FC-6.0-RUBBER COVER * | | 6.0 | 20'-30' | 4.1 | 25 | 'H' |
| | TORO 570C-12P-CV-15-120-PCD0.7 | SHRUB HI-POP SPRAY HEAD | 15-120-PCD.7 | 10' | 0.7 | 30 | 'I' |
| | TORO 570C-12P-CV-10-HLA | | 10-HLA | 10' | 0.9 | 30 | 'I' |
| | TORO 570C-12P-CV-10-F | | 10-FLA | 10' | 1.8 | 30 | 'I' |
| | TORO 570C-12P-CV-15-H-PCD1.4 | | 15-H-PCD1.4 | 12' | 1.4 | 30 | 'I' |
| | TORO 570C-12P-CV-15-Q | | 15-Q | 15' | 1.0 | 30 | 'I' |
| | TORO 570C-12P-CV-ADJ | | ADJ | VAR. | VAR. | 30 | 'I' |
| ▽ | PEPCO 1633 QUADRA BUBBLER | DRIP/BUBBLER FOR SHRUBS | N/A | N/A | .13 | 30 | 'J' |
| ▼ | PEPCO 5633 QUADRA BUBBLER | DRIP/BUBBLER FOR TREES | N/A | N/A | .38 | 30 | 'J' |

* NOZZLE # IS IN SYMBOL ON PLANS.

## EQUIPMENT LEGEND

| SYM. | MANUFACTURER/MODEL | DESCRIPTION | SIZE | DETAIL |
|---|---|---|---|---|
| Ⓜ | HERSEY MHR TURBINE | IRRIGATION WATER METER | 2" | N/A |
| M | BY WMWD | POTABLE/IRRIGATION WATER METER | 3/4" | N/A |
| | WILKINS 575SS | REDUCED PRESSURE BACKFLOW PREVENTER | 2" | 'C' |
| | WILKINS 575SS | REDUCED PRESSURE BACKFLOW PREVENTER | 1" | 'C' |
| | WILKINS 575SS | REDUCED PRESSURE BACKFLOW PREVENTER | 3/4" | 'C' |
| | NIBCO T-113 | BRONZE GATE VALVE | LINE SIZE | 'E' |
| | RAINBIRD #44LRC | QUICK COUPLING VALVE | 1" | 'D' |
| | GRISWOLD 2000 SERIES | REMOTE ELECTRIC CONTROL VALVE | PLAN SIZE | 'B' |
| A | SA-16-32/RRA/RSE/MOD/OEM | AUTOMATIC IRRIGATION CONTROLLER | 32 STATION | 'A' |
| B | IRRITROL MC-4A PLUS | AUTOMATIC IRRIGATION CONTROLLER | 4 STATION | 'A' |
| | APPROVED | CLASS 315 PVC MAINLINE | PLAN SIZE | 'F' |
| | APPROVED | SCH 40 PVC POTABLE WATER MAINLINE | PLAN SIZE | 'F' |
| | APPROVED | CLASS 200 PVC LATERAL LINE | PLAN SIZE | 'F' |
| | APPROVED | SCH 40 PVC PIPE/WIRE SLEEVE | PLAN SIZE | 'G' |
| NOT SHOWN | APPROVED | UF DIRECT BURIAL CONTROL WIRE | PER SPECS | N/A |

NOV 18 1991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(714) 369-0700 fax (714) 369-4039


**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

**IRRIGATION PLAN**

SHEET DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY J. MALONEY No. 2117
Signature
Date
STATE OF CALIFORNIA

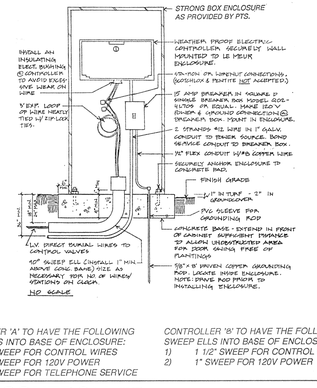
DATE 11-18-91
JOB NO 910309
DRAWN RD
CHECKED
REVISIONS

RECEIVED
NOV. 18 1991
PARK & RECREATION DEPARTMENT

SCALE 1" = 30' -0"

I-1

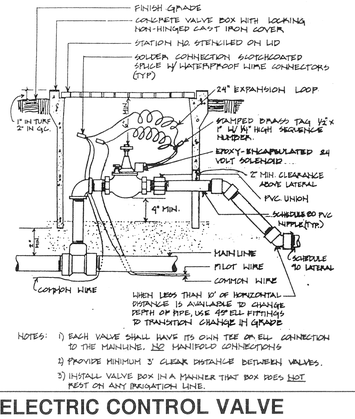
6 OF 11




CONTROLLER 'A' TO HAVE THE FOLLOWING SWEEP ELLS INTO BASE OF ENCLOSURE:
1) 3" SWEEP FOR CONTROL WIRES
2) 1" SWEEP FOR 120V POWER
3) 1" SWEEP FOR TELEPHONE SERVICE

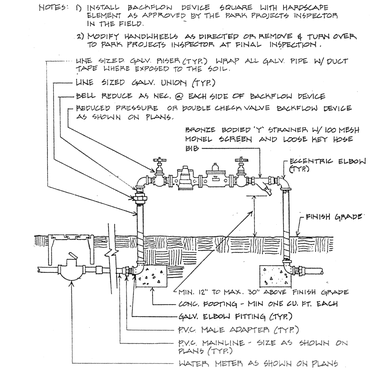
CONTROLLER 'B' TO HAVE THE FOLLOWING SWEEP ELLS INTO BASE OF ENCLOSURE:
1) 1 1/2" SWEEP FOR CONTROL WIRES
2) 1" SWEEP FOR 120V POWER

## A CONTROLLER

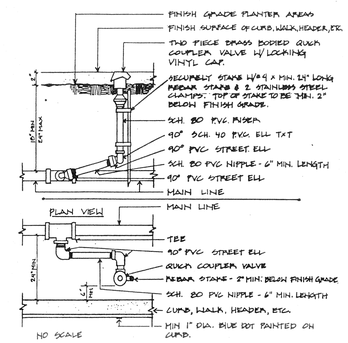



NOTES:
1) EACH VALVE SHALL HAVE ITS OWN TEE OR ELL CONNECTION TO THE MAINLINE. NO MANIFOLD CONNECTIONS!
2) PROVIDE MINIMUM 3' CLEAR DISTANCE BETWEEN VALVES.
3) INSTALL VALVE BOX IN A MANNER THAT BOX DOES NOT REST ON ANY IRRIGATION LINE.

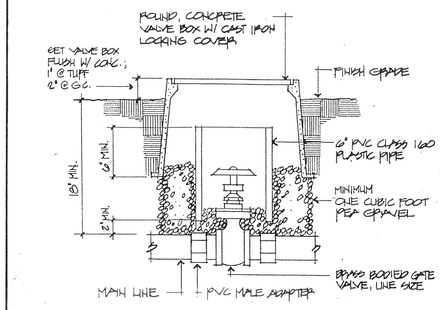
## B ELECTRIC CONTROL VALVE



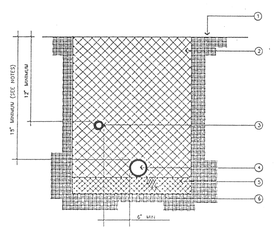

## C BACKFLOW PREVENTER




## D QUICK COUPLER



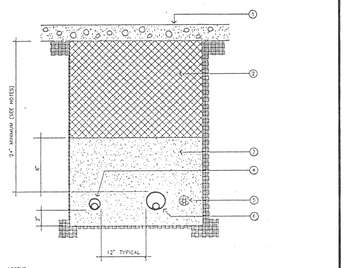

## E GATE VALVE




LEGEND
1 FINISH GRADE
2 ROUGH BACKFILL - SEE SPECS. FOR MATERIAL W/O COMPACTION REQUIRED
3 NON-PRESSURE LATERAL LINE
4 PRESSURE SUPPLY LINE
5 PROVIDE 3" OF CLEAN BACKFILL
6 CONTROL WIRES - BUNDLE AND TAPE AT 10' O.C. AND INSTALL BELOW PRESSURE SUPPLY LINE

NOTES:
— PIGTAIL AND LOOP CONTROL WIRE AT ALL 90 DEGREE CHANGES IN DIRECTION

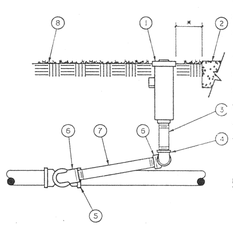
## F TRENCHING




LEGEND
1 HARDSCAPING
2 CLEAN BACKFILL - SEE SPECS. FOR MATERIAL W/O COMPACTION REQUIRED
3 4" MIN.
4 NON-PRESSURE LATERAL LINE SLEEVE SIZE TWICE DIAMETER OF NON-PRESSURE LATERAL LINE
5 CONTROL WIRE SLEEVE - SIZE PER PLAN; INSTALL ADJACENT TO PRESSURE SUPPLY LINE
6 PRESSURE SUPPLY LINE SLEEVE - SIZE TWICE DIAMETER OF PRESSURE SUPPLY LINE

NOTES:
— ALL SLEEVES TO BE SCH. 40 PVC.
— EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPE AT BOTH ENDS

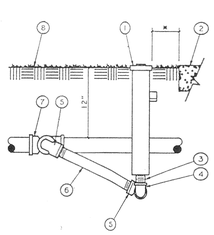
## G SLEEVING



LEGEND
1. POP-UP SPRAY HEAD
2. WALK OR CURB
3. PVC SCHEDULE 80 NIPPLE - 4" MIN. LENGTH
4. PVC TxT 90 DEGREE ELL
5. LATERAL LINE PIPE AND FITTING
6. MARLEX 90 DEGREE STREET ELL
7. PVC SCHEDULE 80 NIPPLE - 6" LONG
8. FINISH GRADE
* 1" IN TURF AREAS
2" IN SHRUB AREAS

NOTE: USE TEFLON TAPE ON MALE PIPE THREADS FOR PVC TO PVC CONNECTIONS

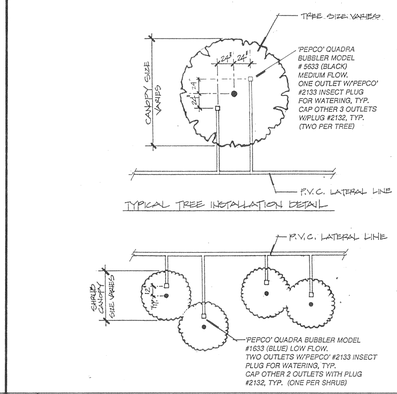
## H TURF POP-UP HEAD



LEGEND
1. 12" POP-UP SPRINKLER
2. WALK OR CURB
3. PVC SCHEDULE 80 NIPPLE
4. PVC TxT 90 DEGREE ELL
5. MARLEX 90 DEGREE STREET ELL
6. PVC SCHEDULE 80 NIPPLE - 12" LONG
7. LATERAL LINE PIPE AND FITTING
8. FINISH GRADE
* 2" IN LAWN AREAS
6" IN GROUNDCOVER AREAS

NOTE: USE TEFLON TAPE ON ALL MALE PIPE THREADS FOR PVC TO PVC CONNECTIONS

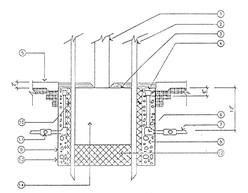
## I SHRUB HI-POP HEAD




## J QUADRA BUBBLER

## K

## L

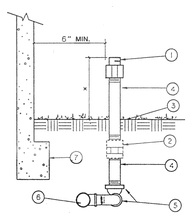


LEGEND
1 TREE TRUNK
2 PVC SCHED 80 PIPE STAKES
3 FINISH GRADE - 1" IN TURF, 2" IN GROUNDCOVER OF WALK
4 PRESSURE COMPENSATING BUBBLERS ON 1/2" DIA. SCH. 80 NIPPLES. LEAVE A 6" SPACE BELOW HEAD FOR MAINTENANCE
5 MARLEX 90 DEGREE STREET ELL
6 SWEETEN DOUBLE STREET ELLS
7 CL. 200 PVC LATERAL IRRIGATION LINE-THRU ROOT BARRIER - 2 BOTH SIDES
8 ROOT BARRIER - 24" DEEP, 18" WIDE, 2 SIDES, 4 SIDES AROUND ROOTBALL, 2 SIDES AT TOP WITH 4" DIAMETER BLACK ADJPVC CAP - 2 SIDES SIDE CAP TO PIPE IN 3 PLACES
9 TREE PLANTING PIT
10 TREE WELL BOX
11 TOP ROUNDED PERIMETER OF TREE WELL
12 NATIVE BACKFILL
13 INSTALL ROOT BARRIER PER MFG. INSTRUCTIONS
14 ROOTBALL

NOTE:
— SUPPLEMENTAL TREE IRRIGATION: 1 DEEP WELL SYSTEM FOR 5 GALLON TREES: 2 DEEP WELL SYSTEMS FOR 15 GALLON TREES, 24" BOX TREES AND LARGER

## M

## N TREE WELL BUBBLER




LEGEND
1. SHRUB SPRAY/BUBBLER HEAD
2. ANTI-DRAIN VALVE *
3. FINISH GRADE
4. PVC SCHEDULE 80 NIPPLE
5. PVC TxT 90 DEGREE ELL (2 REQUIRED)
6. LATERAL LINE FITTING
7. WALL, FENCE, CURB OR WALK WHERE OCCURS
* 12" ABOVE F.G. FOR SHRUB SPRAY HEADS AND 3" ABOVE F.G. FOR BUBBLER HEADS

NOTE: DRAINAGE OF IRRIGATION WATER THROUGH SPRINKLER HEAD WILL NOT BE ALLOWED. SOME SPRINKLER HEADS WILL REQUIRE THE INSTALLATION OF AN ANTI-DRAIN VALVE IN THE RISER NIPPLE TO PREVENT DRAINAGE. DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL INSTALL AN ANTI-DRAIN AS REQUIRED AT ANY SPRINKLER HEAD SHOWING SIGNS OF DRAINING AFTER THE IRRIGATION SYSTEM HAS OPERATED FROM AN ON TO OFF POSITION. INSTALLATION OF ANTI-DRAIN VALVES SHALL BE INCLUDED IN THE BID PRICE WITHOUT ADDITIONAL COST TO THE OWNER.

## J QUADRA BUBBLER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landscape architecture • planning
6180 Brockton Avenue, Suite 201 • Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039


BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION: IRRIGATION DETAILS

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY NO. 2110
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE: | |
| JOB NO.: | 910309 |
| DRAWN: | RD |
| CHECKED: | MS |
| REVISIONS: | |

N/A

SCALE: N.T.S.

I-2

OF


RECEIVED
NOV. 18 1991
PARK & RECREATION DEPARTMENT

NOV 18 1991

## PLANT LEGEND

| SYMBOL | BOTANICAL NAME | SIZE | DETAIL | COMMON NAME |
|---|---|---|---|---|
| TREES | | | | |
| | ULMUS PARVIFOLIA | 15 GAL | A, C | CHINESE EVERGREEN ELM |
| | SCHINUS MOLLE | 15 GAL | A, C | CALIFORNIA PEPPER |
| | PLATANUS RACEMOSA | 15 GAL | A, C | CALIFORNIA SYCAMORE |
| | CEDRUS DEODARA | 15 GAL | A, C | DEODAR CEDAR |
| | CERCIS CANADENSIS 'FOREST PANSY' | 15 GAL | A, C | REDBUD 'FOREST PANSY' |
| | CINNAMOMUM CAMPHORA | 15 GAL | A, C | CAMPHOR TREE |
| | LAGERSTROEMIA INDICA 'BASHAM MUSKOGEE' | 15 GAL | A, C | CRAPE MYRTLE, MULTI |
| | LIQUIDAMBAR STYRACIFLUA 'FESTIVAL' | 15 GAL | A, C | SWEET GUM |
| | GINKGO BILOBA | 15 GAL | A, C | MAIDENHAIR TREE |
| | KOELREUTERIA PANICULATA | 15 GAL | A, C | GOLDENRAIN TREE |
| SHRUBS | | | | |
| | CERCIS OCCIDENTALIS | 1 GAL | C | WESTERN REDBUD |
| | CAESALPINIA PULCHERRIMA | 1 GAL | C | BARBADOS PRIDE |
| | ROMNYA COULTERI | 1 GAL | C | MATILIJA POPPY |
| | BACCHARIS PILULARIS | 1 GAL | C | COYOTE BRUSH |
| | COTONEASTER DAMMERI | 1 GAL | C | BEARBERRY COTONEASTER |
| | MYOPORUM PARVIFOLIUM | 1 GAL | C | NCN |
| GROUNDCOVER | | | | |
| | TRACHELOSPERMUM ASIATICUM | FLATS | 12" O.C. | ASIAN JASMINE |

A:BERG.PLG (D-87)

**NOTE:**
**LOCATE TREES MINIMUM OF 15' FROM PAVING AND/OR CURBS IN TURF AREAS.**

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NOV 18 1991

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(714) 369-0700 fax (714) 369-4039

**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

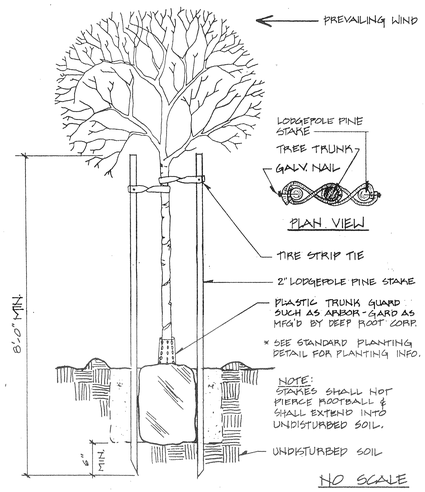
SHEET DESCRIPTION
**PLANTING PLAN**

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY I. MALONEY No. 2[illegible]
Signature
Date
STATE OF CALIFORNIA

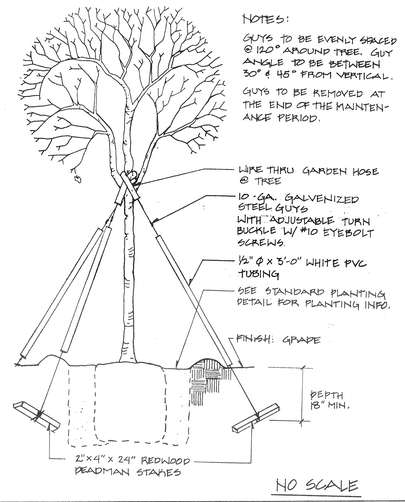
DATE 11-18-91
JOB NO 910309
DRAWN KB
CHECKED
REVISIONS

SCALE 1" = 30' -0"

**P-1**




A DOUBLE STAKING




B TREE GUYING

GENERAL PLANTING NOTES

1) Contact the Street Tree Inspector at 351-6126 48 hours prior to installing any plant material

2) Trees planted in turf areas shall be maintained with a minimum 12" radius around tree free from turf throughout the maintenance period.

3) Watering basins may be removed after the maintenance period.

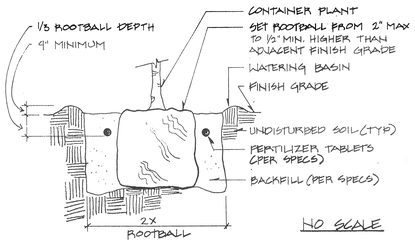
4) For staking information as applicable, refer to standard staking detail.

5) For guying information as applicable, refer to standard guying detail.

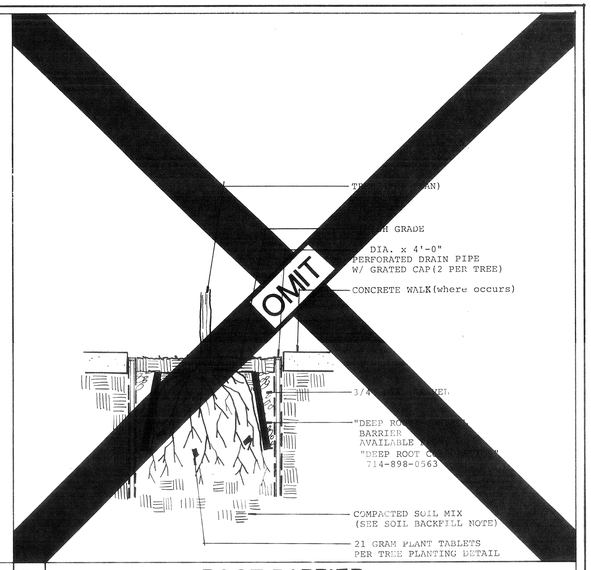
6) For specification information, refer to City of Riverside Park and Recreation Department Standard Specifications sections 02480/02401.

7) Provide Fertilizer Tablets as follows:

| | |
|---|---|
| 1 gallon plant | 2 tablets |
| 5 gallon plant | 3 tablets |
| 15 gallon plant | 5 tablets |
| 24" box plant | 8 tablets |




C PLANTING




D ROOT BARRIER

E

F

G

H

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NOV 18 1991

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(714) 369-0700 fcsx (714) 369-4039

**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION:
**PLANTING DETAILS**

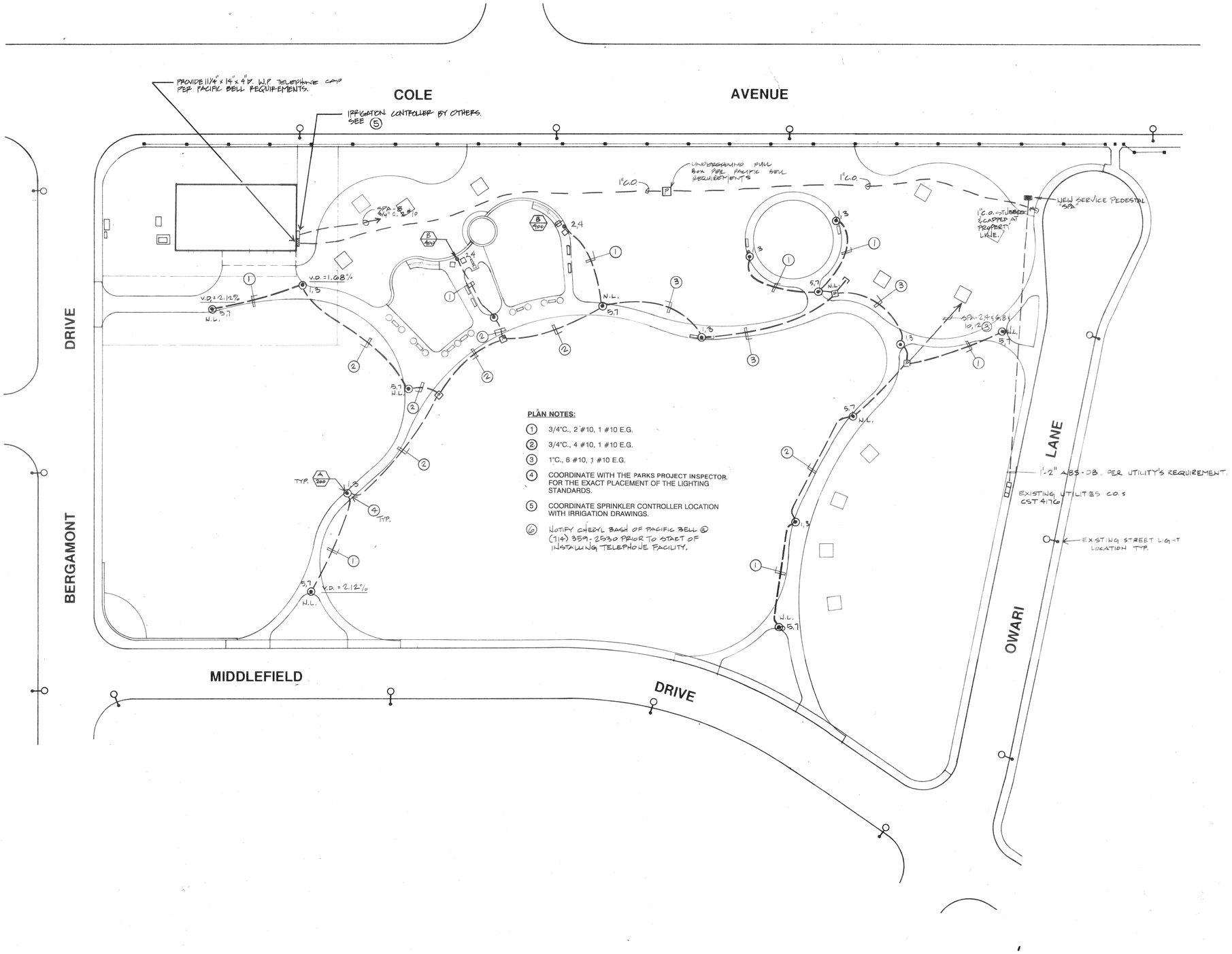
REGISTERED LANDSCAPE ARCHITECT
TIMOTHY T. MALONEY NO. 2170
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE: | 11-18-91 |
| JOB NO.: | 910309 |
| DRAWN: | RW |
| CHECKED: | DG |
| REVISIONS: | |

N/A

SCALE: N/A

P-2




**PLAN NOTES:**

1. 3/4"C., 2 #10, 1 #10 E.G.
2. 3/4"C., 4 #10, 1 #10 E.G.
3. 1"C., 6 #10, 1 #10 E.G.
4. COORDINATE WITH THE PARKS PROJECT INSPECTOR, FOR THE EXACT PLACEMENT OF THE LIGHTING STANDARDS.
5. COORDINATE SPRINKLER CONTROLLER LOCATION WITH IRRIGATION DRAWINGS.
6. NOTIFY CHERYL BASH OF PACIFIC BELL @ (714) 359-2530 PRIOR TO START OF INSTALLING TELEPHONE FACILITY.

NOV 18 1991

| PACIFIC BELL<br>CHERYL BASH<br>(714)359-2530 | RIVERSIDE UTILITY<br>CHAS BLUEMEL<br>(714) 782 - 5281 |
|---|---|

RECEIVED
NOV. 18 1991
PARK & RECREATION DEPARTMENT

CONTACT : JACK T. TAMAI

21 - 582

RWR PASCOE
ELECTRICAL ENGINEERS • LIGHTING CONSULTANTS
One Venture, Suite 220, Irvine, California 92718, (714) 753-4777, Fax 753-1588
92690 Cactus Ave., #140, Moreno Valley, CA 92553, (714) 653-9995, Fax 653-7198

SCALE 1" = 30' -0"

E-1

10 OF 11

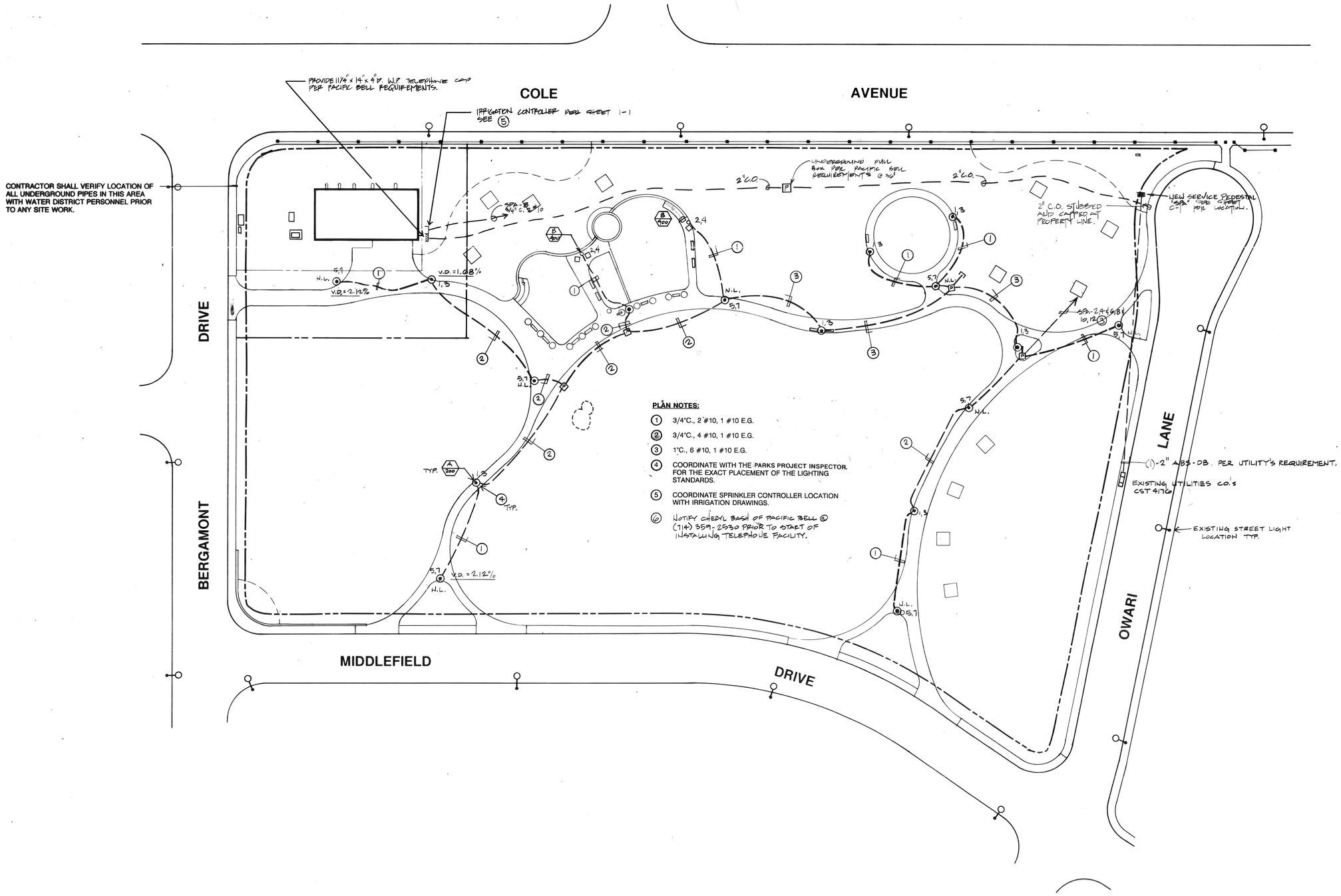

t. i. maloney, inc.
landscape architecture • planning
6180 Brockton Avenue, Suite 201 • Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039


BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION
ELECTRICAL SITE PLAN

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY L. MALONEY NO. 2710
Signature
Date
STATE OF CALIFORNIA

DATE 11-18-91
JOB NO 910309
DRAWN C.M.C
CHECKED J.P.A. SR.
REVISIONS




**PLAN NOTES:**

1. 3/4"C., 2 #10, 1 #10 E.G.
2. 3/4"C., 4 #10, 1 #10 E.G.
3. 1"C., 6 #10, 1 #10 E.G.
4. COORDINATE WITH THE PARKS PROJECT INSPECTOR FOR THE EXACT PLACEMENT OF THE LIGHTING STANDARDS.
5. COORDINATE SPRINKLER CONTROLLER LOCATION WITH IRRIGATION DRAWINGS.
6. NOTIFY CHERYL BASH OF PACIFIC BELL @ (714) 359-2530 PRIOR TO START OF INSTALLING TELEPHONE FACILITY.

| PACIFIC BELL<br>CHERYL BASH<br>(714)359-2530 | RIVERSIDE UTILITY<br>CHAS BLUEMEL<br>(714) 782 – 5281 |
|---|---|

CONTACT : JACK T. TAMAI

21 – 582

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(714) 369-0700 fax (714) 369-4039


**BERGAMONT PARK**
**CITY OF RIVERSIDE**
**DEPARTMENT OF PARK AND RECREATION**

SHEET DESCRIPTION
**ELECTRICAL SITE PLAN**

REGISTERED LANDSCAPE ARCHITECT
TIMOTHY J. MALONEY NO. 2110
Signature
Date
STATE OF CALIFORNIA

| | |
|---|---|
| DATE | 2/21/92 |
| JOB NO | 910309 |
| DRAWN | C.M.C |
| CHECKED | J.P.A. SR. |
| REVISIONS | |

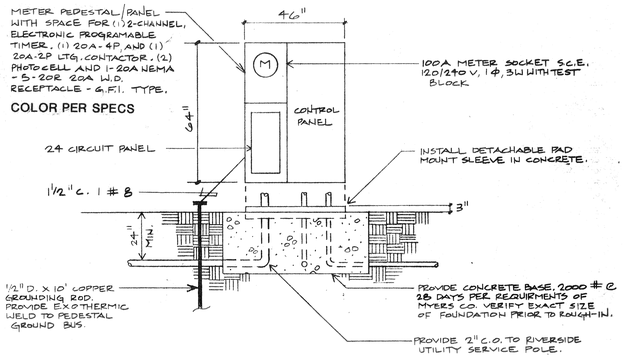
REGISTERED PROFESSIONAL ENGINEER
JACK T. TAMAI
9-30-94
ELECTRICAL
STATE OF CALIFORNIA

SCALE 1" = 30' -0"

E-1

11 OF 13

PLAN NO. P-0921




LOAD SUMMARY

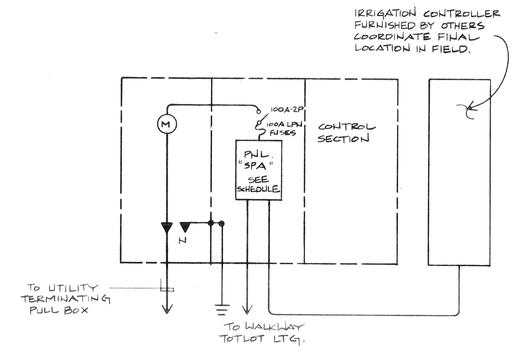
| | |
|---|---|
| WALKWAY LTG. | 4.0 KW |
| TOT LOT LTG. | 1.0 KW |
| IRRIGATION CONTROLLER AND RECPT. | 54 |
| TOTAL | 5.54 KW |

OR 23.1 @ 120/240 V, 1 ϕ, 3W

NOTE: LTG. LOAD INCLUDES L.C.L.

## SERVICE PEDESTAL

SCALE N.T.S. (1)




## SINGLE LINE DIAGRAM

SCALE N.T.S. (2)

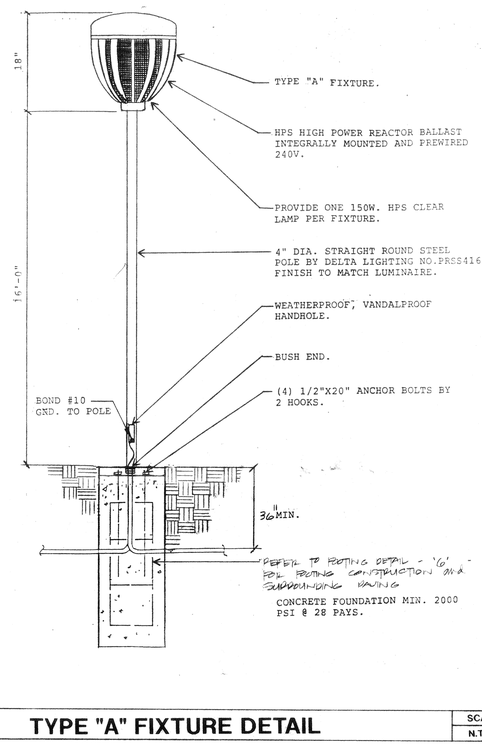
## ELECTRICAL SYMBOL LIST

| | |
|---|---|
| | POLE MOUNTED LIGHT FIXTURE. - TYPE "B" FIXTURE. |
| | POST MOUNTED LIGHT FIXTURE. - TYPE "A" FIXTURE. |
| A 200 | "A" INDICATES ELECTRICAL FIXTURE TYPE. "200" INDICATES TOTAL FIXTURE WATTAGE. |
| E.G. | EQUIPMENT GROUND. |
| NL | NIGHT LIGHT. |
| G.F.I. | GROUND FAULT INTERRUPTER. |
| | DUPLEX CONVENIENCE OUTLET, +12" OR AS NOTED. |
| | ELECTRICAL SERVICE PEDESTAL. |
| | GROUND. |
| | CONDUIT RUN CONCEALED BELOW GRADE, 3/4"C. MINIMUM, NO. OF CONDUCTORS AS NOTED. |
| | CONDUIT STUB-OUT, CAP AND MARK TERMINATE IN A CONCRETE PULL BOX. |
| A-1,3,5 | HOME RUN TO SERVICE PEDESTAL "A", NUMBERS INDICATES CIRCUITS IN SERVICE PEDESTAL. |
| C.O. | CONDUIT ONLY, WITH APPROVED PULL WIRE. |
| W.P. | WEATHERPROOF, NEMA 3R. |
| M.H. | MOUNTING HEIGHT TO CENTER LINE OF DEVICE. |
| 1 | PLAN NOTE CALL OUT. |
| P | UNDERGROUND PULL BOX WITH TAMPER RESISTANT BOLT DOWN COVER. |

## LIGHTING FIXTURE SCHEDULE

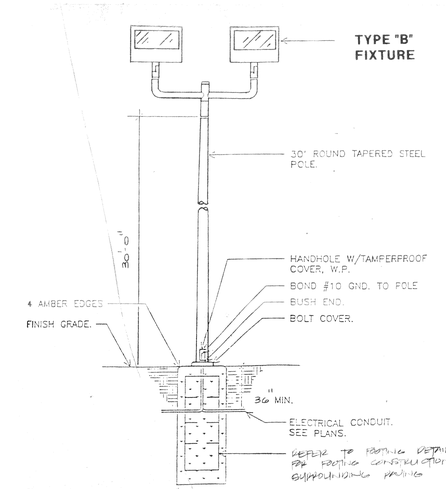
| TYPE WATTS SYM | DESCRIPTION | LAMPS NO. | LAMPS WATTS | LAMPS TYPE | VOLTS | MANUFACTURER | CATALOG NO. | MOUNTING |
|---|---|---|---|---|---|---|---|---|
| A 200 | ROUND ONE PIECE CAST ALUMINUM FINNED BODY WITH SPUN ALUMINUM TOP, PRISMATIC POLY-CARBONATE LENS WITH AN ANSI TYPE V DISTRIBUTION, HPF BALLAST. | 1 | 150 | HPS | 240 * | DELTA | SEE SPECIFICATION | POLE TOP DETAIL |
| B 400 | RECTANGULAR TYPE CUT-OFF SITE LIGHT OF ONE PIECE CAST ALUMINUM BODY AND DOOR GASKETED AND WITH TEMPERED IMPACT RESISTANT CLEAR GLASS LENS, REMOVABLE BALLAST ASSEMBLY, HPF BALLAST, WITH MOUNTING BRACKET AND VANDAL SHIELD. | 2 | 150 | HPS | 240 * | MCGRAW EDISON | SEE SPECIFICATION | POLE TOP |
| | | | | | | | | |

* PROVIDE LO-TEMP BALLAST.
PROVIDE 1 SPARE MULTITOP BALLAST FOR EACH TYPE OF FIXTURE.
PROVIDE (3) SPARE LAMPS OF EACH TYPE OF 150 WATT H.P.S.



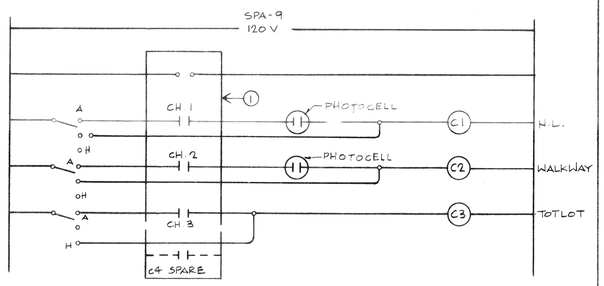

## TYPE "A" FIXTURE DETAIL

SCALE N.T.S. (3)




## TYPE "B" FIXTURE DETAIL

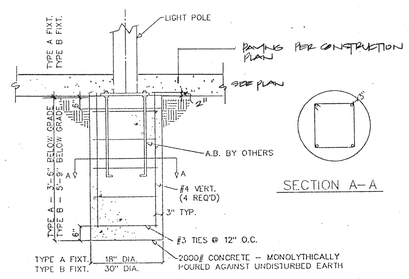
SCALE N.T.S. (4)




C1 = PHOTOCELL "ON" AND "OFF"
C2 = PHOTOCELL "ON" TO "OFF" 11:00PM
C3 = TO "ON" AND "OFF"
(1) 4 CHANNEL PROGAMMABLE TIME SWITCH

## CONTROL DIAGRAM

SCALE N.T.S. (5)




## CONCRETE FOOTING

SCALE N.T.S. (6)

| PANEL SPA (1) | PANEL LOCATION: SERVICE PEDESTAL | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MAIN (AMP) 100 A-2P FUSED SWITCH | | | | | | | | | | | | | | | | | | | | | | | | | |
| | VOL TAMPS | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION | @ A | @ B | LTG | REC | MIS | CIR | BKR | A | B | BKR | CIR | MIS | REC | LTG | @ A | @ B | LOCATION | | | | | | | | | |
| (2) WALKWAY | 400 | | 9 | | | 1 | 20/ | | | 20/ | 2 | | | 4 | 400 | | TOT LOT | (4) | | | | | | | | |
| | | 900 | | | | 3 | /2 | | | /2 | 4 | | | — | | 400 | — | | | | | | | | | |
| (3) WALKWAY N.L. | 700 | | 7 | | | 5 | 20/ | | | 15/ | 6 | | 1 | | 180 | | SPA CONV. RECP | | | | | | | | | |
| | | 700 | | | | 7 | /2 | | | 20/ | 8 | | 1 | | | 180 | IRRIGATION CONTROLLER | | | | | | | | | |
| TIMER | 180 | | | | | 9 | 20/ | | | 20/ | 10 | | | | — | | SPARE | | | | | | | | | |
| " | | — | | | | 11 | 20/ | | | 20/ | 12 | | | | | — | " | | | | | | | | | |
| SPACE | — | | | | | 13 | — | | | — | 14 | | | | — | | SPACE | | | | | | | | | |
| | | — | | | | 15 | — | | | — | 16 | | | | | — | | | | | | | | | | |
| | — | | | | | 17 | — | | | — | 18 | | | | — | | | | | | | | | | | |
| | | — | | | | 19 | — | | | — | 20 | | | | | — | | | | | | | | | | |
| | — | | | | | 21 | — | | | — | 22 | | | | — | | | | | | | | | | | |
| | | — | | | | 23 | — | | | — | 24 | | | | | — | | | | | | | | | | |
| | | | | | | 25 | | | | | 26 | | | | | | | | | | | | | | | |
| | | | | | | 27 | | | | | 28 | | | | | | | | | | | | | | | |
| | | | | | | 29 | | | | | 30 | | | | | | | | | | | | | | | |
| | | | | | | 31 | | | | | 32 | | | | | | | | | | | | | | | |
| | | | | | | 33 | | | | | 34 | | | | | | | | | | | | | | | |
| | | | | | | 35 | | | | | 36 | | | | | | | | | | | | | | | |
| | | | | | | 37 | | | | | 38 | | | | | | | | | | | | | | | |
| | | | | | | 39 | | | | | 40 | | | | | | | | | | | | | | | |
| | | | | | | 41 | | | | | 42 | | | | | | | | | | | | | | | |
| | @A - 2180 | | | | | | | | | @B - 2180 | | | | | | | | | | | | | | | | |

| | |
|---|---|
| TOTAL CONNECTED VA | 4540 |
| LCL @ 125% 4000 | 5000 |
| TOTAL OTHER LOAD | 540 |
| PANEL LOAD | 5540 |
| FEEDER AMPS | 23.1 |

(1) PROVIDE 1-4 CHANNL ELECTRONIC PROGRAMMABLE TIMER
(2) PROVIDE 1-20 A-4P LTG CONTACTOR PHOTOCELL H-O-A SWITCH FROM CHANNEL 1
(3) PROVIDE 1-20A-2P LTG CONTACTOR, PHOTOCELL H-O-A CONTROLLED FROM CHANNEL 2
(4) PROVIDE CHANNEL 20A-2P LTG. CONTACTOR H-O-A SWITCH CONTROL FROM CHANNEL 3.

NOV 18 1991

RECEIVED NOV. 1 1991 PARK & RECREATION DEPARTMENT

RWR PASCOE
ELECTRICAL ENGINEERS • LIGHTING CONSULTANTS
One Venture, Suite 220, Irvine, California 92718, (714) 753-4777, Fax: 753-1588
29699 Cactus Ave., #140, Moreno Valley, CA 92553, (714) 653-0995, Fax: 653-7198
21-582


t. i. maloney, inc.
landscape architecture • planning
6180 Brockton Avenue, Suite 201 • Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039


BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION: GENERAL NOTES, ELECTRICAL SYMBOL LIST, LIGHTING FIXTURE SCHEDULE, SINGLE LINE DIAGRAM, PANEL SCHEDULE, LIGHTING FIXTURE TYPES "A", "B" & "B1" DETAILS

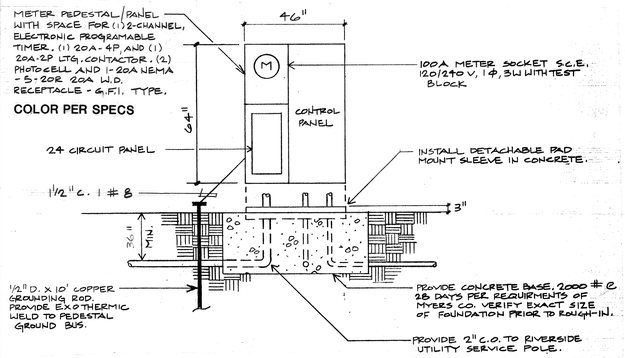
REGISTERED LANDSCAPE ARCHITECT TIMOTHY J. MALONEY, NO. 2170 Signature Date STATE OF CALIFORNIA

DATE: 11-18-91
JOB NO.: 910309
DRAWN: C.M.C.
CHECKED: J.P.A. SR.
REVISIONS:

SCALE: AS NOTED

E-2

11 OF 11



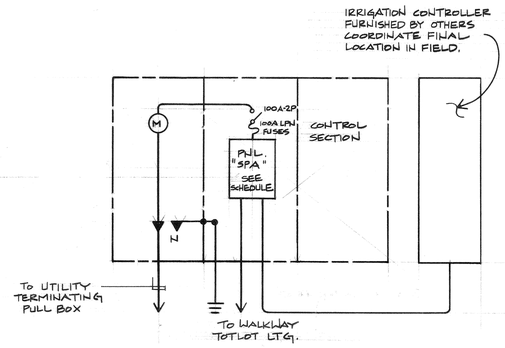

LOAD SUMMARY

| | |
|---|---|
| WALKWAY LTG. | 4.0 KW |
| TOT LOT LTG. | 1.0 KW |
| IRRIGATION CONTROLLER AND RECPT. | .54 |
| TOTAL | 5.54 KW |

OR 23.1 @ 120/240 V, 1 Φ, 3W

NOTE: LTG. LOAD INCLUDES L.C.L.

SERVICE PEDESTAL — SCALE N.T.S. — 1




SINGLE LINE DIAGRAM — SCALE N.T.S. — 2

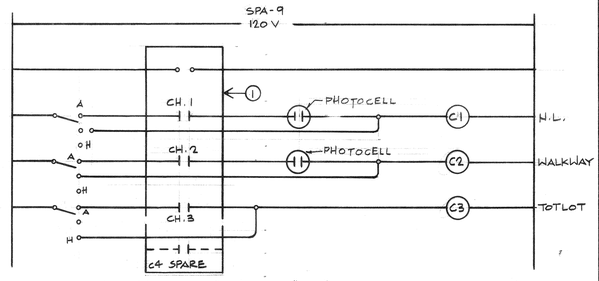
## SYMBOL LIST

| | |
|---|---|
| | POLE MOUNTED LIGHT FIXTURE. - TYPE "B" FIXTURE. |
| | POST MOUNTED LIGHT FIXTURE. - TYPE "A" FIXTURE. |
| A 200 | "A" INDICATES ELECTRICAL FIXTURE TYPE. "200" INDICATES TOTAL FIXTURE WATTAGE. |
| E.G. | EQUIPMENT GROUND. |
| NL | NIGHT LIGHT. |
| G.F.I. | GROUND FAULT INTERRUPTER. |
| | DUPLEX CONVENIENCE OUTLET, +12" OR AS NOTED. |
| | ELECTRICAL SERVICE PEDESTAL. |
| | GROUND. |
| | CONDUIT RUN CONCEALED BELOW GRADE, 3/4"C. MINIMUM, NO. OF CONDUCTORS AS NOTED. |
| | CONDUIT STUB-OUT, CAP AND MARK TERMINATE IN A CONCRETE PULL BOX. |
| A-1,3,5 | HOME RUN TO SERVICE PEDESTAL "A", NUMBERS INDICATES CIRCUITS IN SERVICE PEDESTAL. |
| C.O. | CONDUIT ONLY, WITH APPROVED PULL WIRE. |
| W.P. | WEATHERPROOF, NEMA 3R. |
| M.H. | MOUNTING HEIGHT TO CENTER LINE OF DEVICE. |
| 1 | PLAN NOTE CALL OUT. |
| P | UNDERGROUND PULL BOX WITH TAMPER RESISTANT BOLT DOWN COVER. |

## LIGHTING FIXTURE SCHEDULE

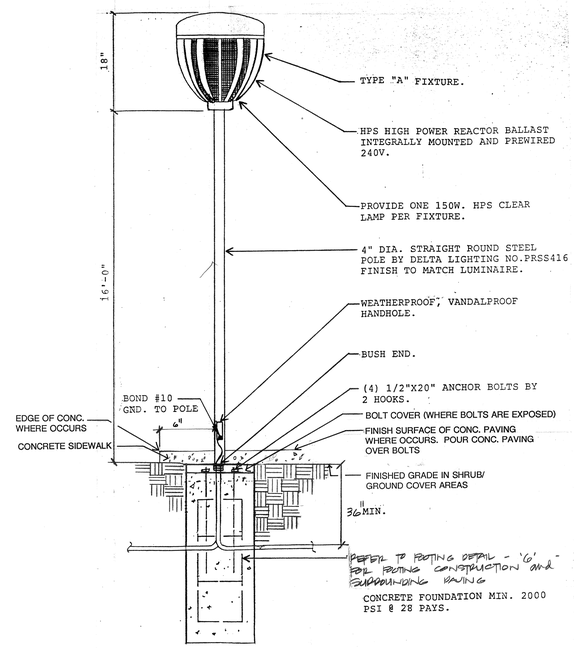
| TYPE WATTS SYM | DESCRIPTION | LAMPS NO. | LAMPS WATTS | LAMPS TYPE | VOLTS | MANUFACTURER | CATALOG NO. | MOUNTING |
|---|---|---|---|---|---|---|---|---|
| A 200 | ROUND ONE PIECE CAST ALUMINUM FINNED BODY WITH SPUN ALUMINUM TOP, PRISMATIC POLY-CARBONATE LENS WITH AN ANSI TYPE V DISTRIBUTION, HPF BALLAST. | 1 | 150 | HPS | 240 * | DELTA | SEE SPECIFICATION | POLE TOP DETAIL |
| B 600 | RECTANGULAR TYPE CUT-OFF SITE LIGHT OF ONE PIECE CAST ALUMINUM BODY AND DOOR GASKETED AND WITH TEMPERED IMPACT RESISTANT CLEAR GLASS LENS, REMOVABLE BALLAST ASSEMBLY, HPF BALLAST, WITH MOUNTING BRACKET AND VANDAL SHIELD. | 2 | 150 | HPS | 240 * | MCGRAW EDISON | SEE SPECIFICATION | POLE TOP |
| | | | | | | | | |

* PROVIDE LO-TEMP BALLAST.
PROVIDE 1 SPARE MULTITOP BALLAST FOR EACH TYPE OF FIXTURE.
PROVIDE (3) SPARE LAMPS OF EACH TYPE OF 150 WATT H.P.S.

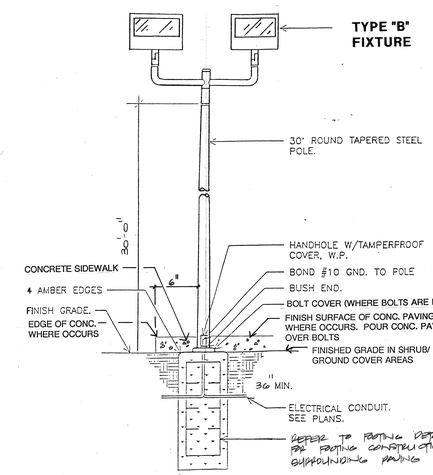



C1 = PHOTOCELL "ON" AND "OFF"
C2 = PHOTOCELL "ON" TO "OFF" 11:00 PM
C3 = TC "ON" AND "OFF"
(1) 4 CHANNEL PROGAMMABLE TIME SWITCH

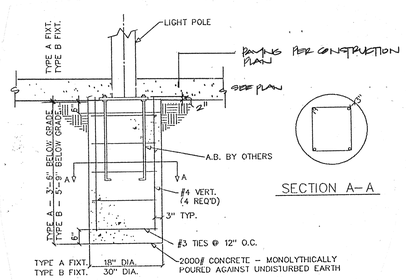
CONTROL DIAGRAM — SCALE N.T.S. — 5




TYPE "A" FIXTURE DETAIL — SCALE N.T.S. — 3

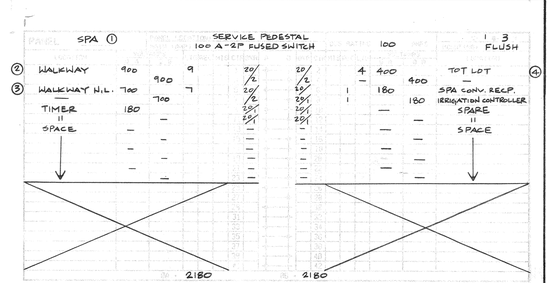



TYPE "B" FIXTURE DETAIL — SCALE N.T.S. — 4




SECTION A-A

CONCRETE FOOTING — SCALE N.T.S. — 6




| | |
|---|---|
| 4000 | 4540 |
| | 5000 |
| | 540 |
| | 5540 |
| | 23.1 |

(1) PROVIDE 1-4 CHANNL ELECTRONIC PROGRAMMABLE TIMER.
(2) PROVIDE 1-20A-4P LTG. CONTACTOR. PHOTOCELL H-O-A SWITCH FROM CHANNEL 1.
(3) PROVIDE 1-20A-2P LTG. CONTACTOR. PHOTOCELL H-O-A CONTROLLED FROM CHANNEL 2.
(4) PROVIDE CHANNEL 20A-2P LTG. CONTACTOR H-O-A SWITCH CONTROL FROM CHANNEL 3.

REGISTERED PROFESSIONAL ENGINEER JACK T. TANAKA No. 6102 Exp. 12-31-92 ELECTRICAL STATE OF CALIFORNIA

21 - 582

RWR PASCOE
ELECTRICAL ENGINEERS • LIGHTING CONSULTANTS
One Venture, Suite 200, Irvine, California 92718, (714) 753-4777, Fax: 753-1588
92690 Cactus Ave., #140, Moreno Valley, CA 92553, (714) 698-9095, Fax: 653-7198


t. i. maloney, inc.
landscape architecture • planning
6180 Brockton Avenue, Suite 201 • Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039


# BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION: GENERAL NOTES, ELECTRICAL SYMBOL LIST, LIGHTING FIXTURE SCHEDULE, SINGLE LINE DIAGRAM, PANEL SCHEDULE, LIGHTING FIXTURE TYPES "A", "B" & "B1" DETAILS

REGISTERED LANDSCAPE ARCHITECT TIMOTHY I. MALONEY, INC. LTD. Signature Date STATE OF CALIFORNIA

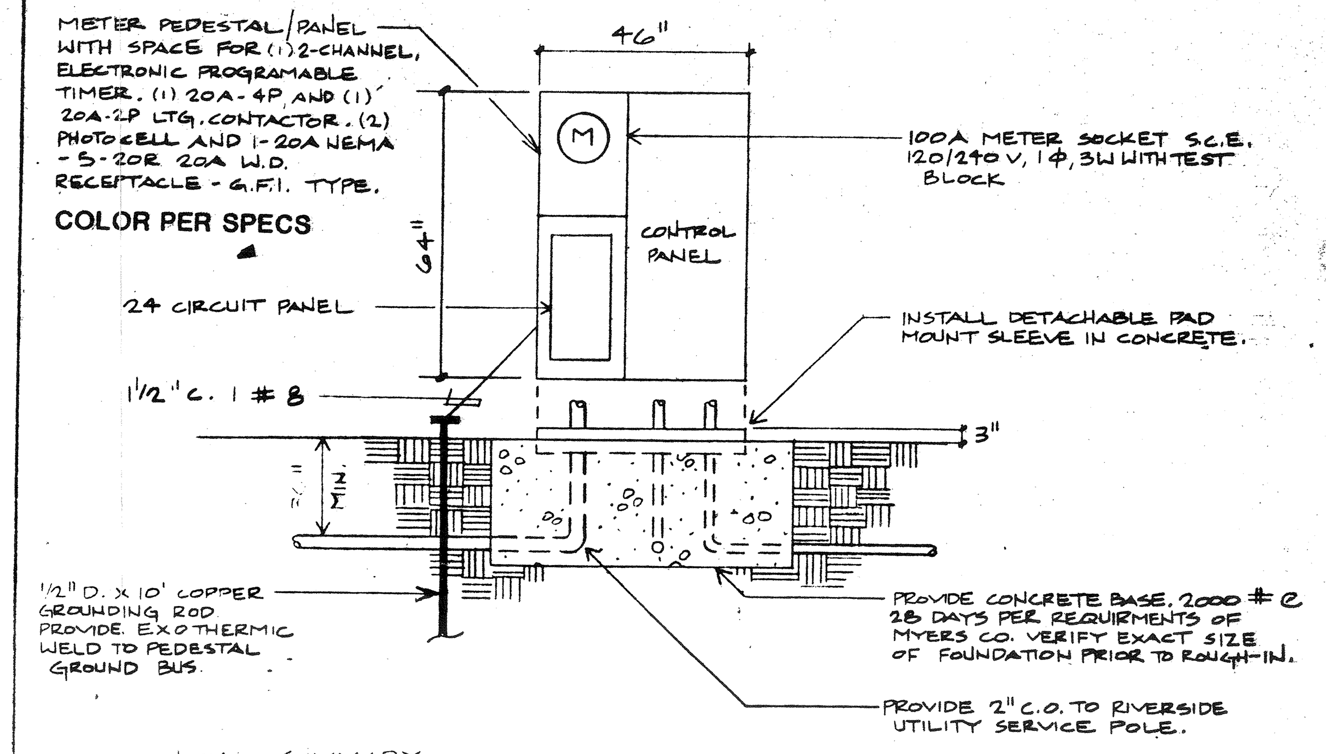
| | |
|---|---|
| DATE: | 2/21/92 |
| JOB NO.: | 910309 |
| DRAWN: | C.M.C. |
| CHECKED: | J.P.A. SR. |
| REVISIONS: | |

SCALE: AS NOTED

E-2

12 OF 13

PLAN NO. P-0921




LOAD SUMMARY

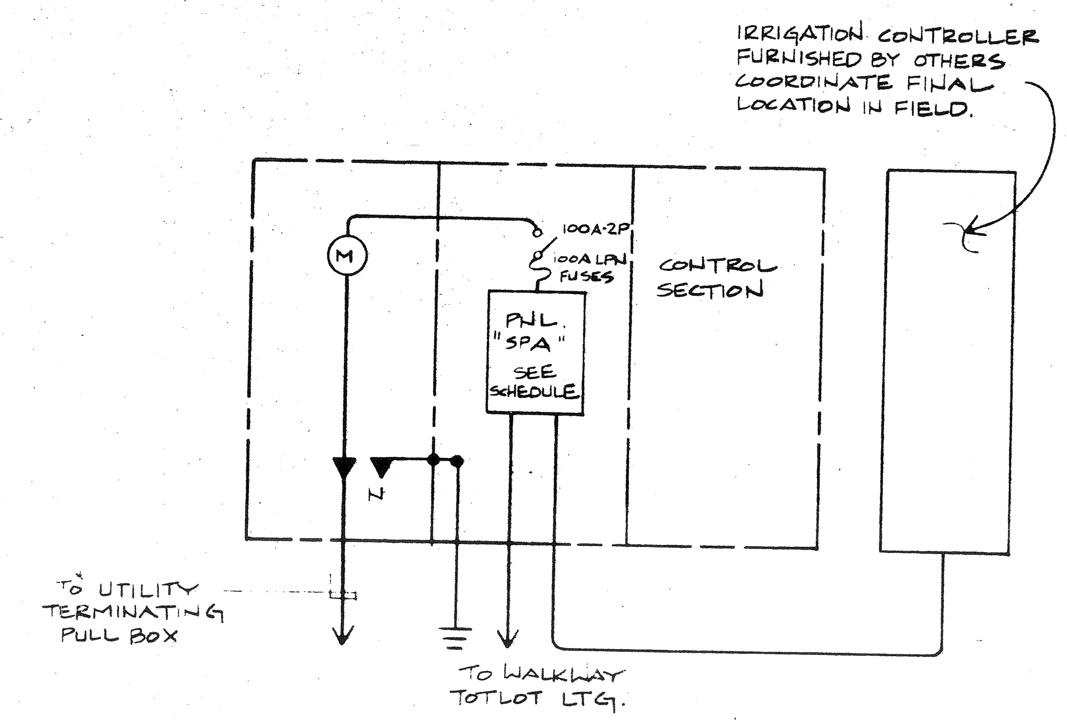
| | |
|---|---|
| WALKWAY LTG | 4.0 KW |
| TOT LOT LTG | 1.0 KW |
| IRRIGATION CONTROLLER AND RECPT | .54 |
| TOTAL | 5.54 KW |

OK 23.1 @ 120/240 V, 1 Φ, 3 W

NOTE: LTG. LOAD INCLUDES L.C.L.

## SERVICE PEDESTAL

SCALE N.T.S. (1)




## SINGLE LINE DIAGRAM

SCALE N.T.S. (2)

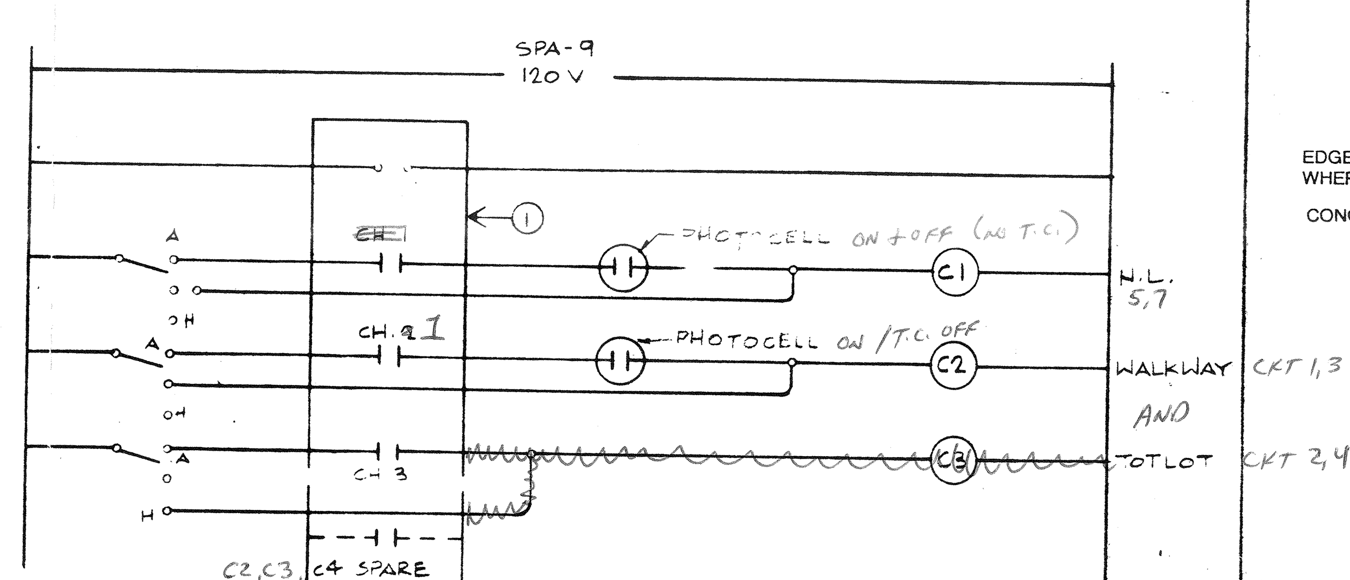
## ELECTRICAL SYMBOL LIST

| | |
|---|---|
| | POLE MOUNTED LIGHT FIXTURE. - TYPE "B" FIXTURE. |
| | POST MOUNTED LIGHT FIXTURE. - TYPE "A" FIXTURE. |
| A / 200 | "A" INDICATES ELECTRICAL FIXTURE TYPE. "200" INDICATES TOTAL FIXTURE WATTAGE. |
| E.G. | EQUIPMENT GROUND. |
| NL | NIGHT LIGHT. |
| G.F.I. | GROUND FAULT INTERRUPTER. |
| | DUPLEX CONVENIENCE OUTLET, +12" OR AS NOTED. |
| | ELECTRICAL SERVICE PEDESTAL. |
| | GROUND. |
| | CONDUIT RUN CONCEALED BELOW GRADE, 3/4"C. MINIMUM, NO. OF CONDUCTORS AS NOTED. |
| | CONDUIT STUB-OUT, CAP AND MARK TERMINATE IN A CONCRETE PULL-BOX. |
| A-1,3,5 | HOME RUN TO SERVICE PEDESTAL "A", NUMBERS INDICATES CIRCUITS IN SERVICE PEDESTAL. |
| C.O. | CONDUIT ONLY, WITH APPROVED PULL WIRE. |
| W.P. | WEATHERPROOF, NEMA 3R. |
| M.H. | MOUNTING HEIGHT TO CENTER LINE OF DEVICE. |
| (1) | PLAN NOTE CALL OUT. |
| P | UNDERGROUND PULL BOX WITH TAMPER RESISTANT BOLT DOWN COVER. |

## LIGHTING FIXTURE SCHEDULE

| SYM (TYPE / WATTS) | DESCRIPTION | LAMPS NO. | LAMPS WATTS | LAMPS TYPE | VOLTS | MANUFACTURER | CATALOG NO. | MOUNTING |
|---|---|---|---|---|---|---|---|---|
| A / 200 | ROUND ONE PIECE CAST ALUMINUM FINNED BODY WITH SPUN ALUMINUM TOP, PRISMATIC POLY-CARBONATE LENS WITH AN ANSI TYPE V DISTRIBUTION, HPF BALLAST. | 1 | 150 | HPS | 240 * | DELTA | SEE SPECIFICATION | POLE TOP DETAIL |
| B / 400 | RECTANGULAR TYPE CUT-OFF SITE LIGHT OF ONE PIECE CAST ALUMINUM BODY AND DOOR GASKETED AND WITH TEMPERED IMPACT RESISTANT CLEAR GLASS LENS, REMOVABLE BALLAST ASSEMBLY, HPF BALLAST, WITH MOUNTING BRACKET AND VANDAL SHIELD. | 2 | 150 | HPS | 240 * | MCGRAW EDISON | SEE SPECIFICATION | POLE TOP |

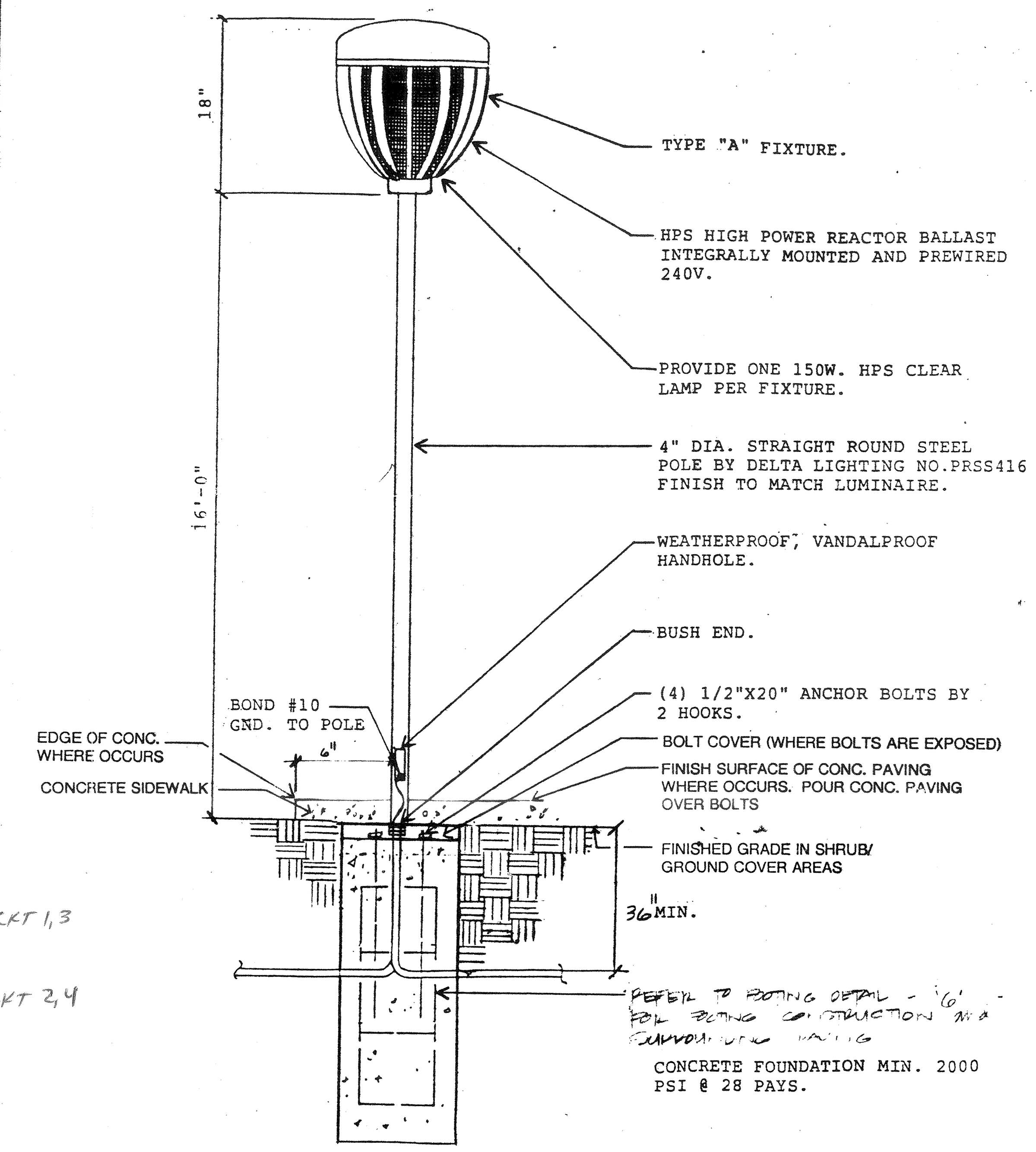
* PROVIDE LO-TEMP BALLAST.
PROVIDE 1 SPARE MULTITOP BALLAST FOR EACH TYPE OF FIXTURE.
PROVIDE (3) SPARE LAMPS OF EACH TYPE OF 150 WATT H.P.S.




C1 = PHOTOCELL "ON" AND "OFF"
C1: PHOTOCELL "ON" TC "OFF" 11:00PM
~~C2 TC "ON" AND "OFF"~~
(1) 4 CHANNEL PROGAMMABLE TIME SWITCH

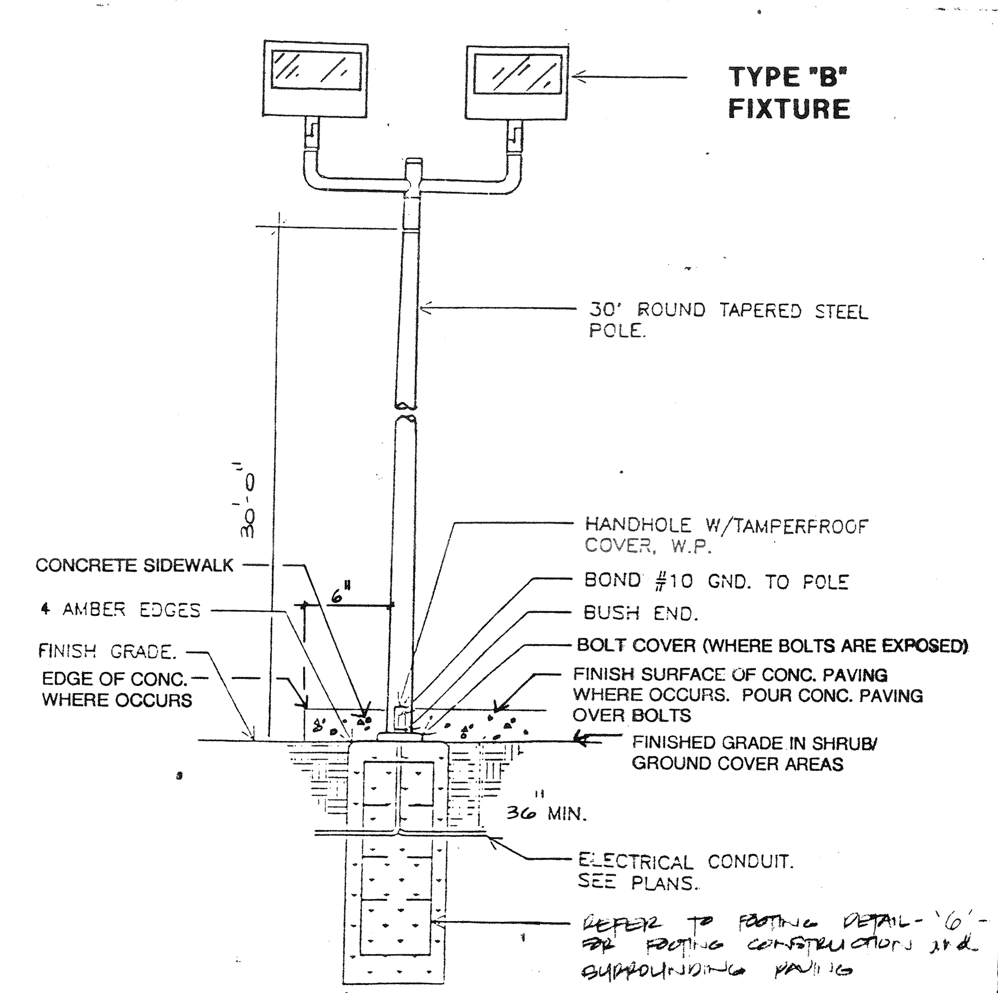
## CONTROL DIAGRAM

SCALE N.T.S. (5)



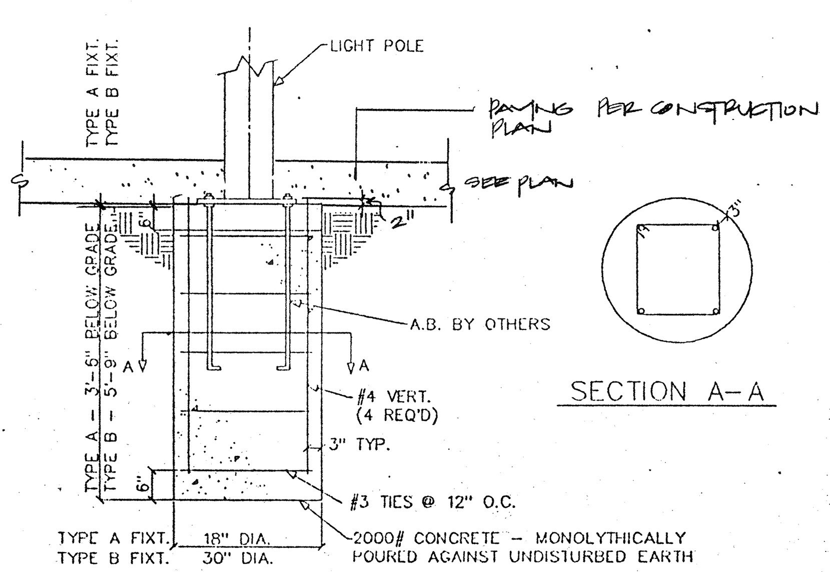

## TYPE "A" FIXTURE DETAIL

SCALE N.T.S. (3)




## TYPE "B" FIXTURE DETAIL

SCALE N.T.S. (4)




## CONCRETE FOOTING

SCALE N.T.S. (6)

A.M. Paul Electric Co.
VP OPERATIONS
6/1/93

9.30.94

PANEL SPA (1) — PANEL LOCATION: SERVICE PEDESTAL — MAIN (AMP) 100 A-2P FUSED SWITCH — BUS RATING 100 AMPS — V- 1 Φ-3 W — MOUNTING: FLUSH

| | LOCATION | VOLTAMPS Φ A | VOLTAMPS Φ B | LTG | REC | MIS | CIR | BKR | BKR | CIR | MIS | REC | LTG | VOLTAMPS Φ A | VOLTAMPS Φ B | LOCATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (2) | WALKWAY | 900 | | 9 | | | 1 | 20/2 | 20/2 | 2 | | | 4 | 400 | | TOT LOT | (4) |
| | | | 900 | | | | 3 | | | 4 | | | — | | 400 | — | |
| (3) | WALKWAY N.L. | 700 | | 7 | | | 5 | 20/2 | 20/1 | 6 | | 1 | | 180 | | SPA CONV. RECP. | |
| | — | | 700 | | | | 7 | | 20/1 | 8 | | 1 | | | 180 | IRRIGATION CONTROLLER | |
| | TIMER | 180 | | | | | 9 | 20/1 | 20/1 | 10 | | | | — | | SPARE | |
| | " | | — | | | | 11 | 20/1 | 20/1 | 12 | | | | | — | " | |
| | SPACE | — | | | | | 13 | — | — | 14 | | | | — | | SPACE | |
| | | | — | | | | 15 | — | — | 16 | | | | | — | | |
| | | — | | | | | 17 | — | — | 18 | | | | — | | | |
| | | | — | | | | 19 | — | — | 20 | | | | | — | | |
| | | — | | | | | 21 | — | — | 22 | | | | — | | | |
| | | | — | | | | 23 | — | — | 24 | | | | | — | | |
| | | | | | | | 25 | | | 26 | | | | | | | |
| | | | | | | | 27 | | | 28 | | | | | | | |
| | | | | | | | 29 | | | 30 | | | | | | | |
| | | | | | | | 31 | | | 32 | | | | | | | |
| | | | | | | | 33 | | | 34 | | | | | | | |
| | | | | | | | 35 | | | 36 | | | | | | | |
| | | | | | | | 37 | | | 38 | | | | | | | |
| | | | | | | | 39 | | | 40 | | | | | | | |
| | | | | | | | 41 | | | 42 | | | | | | | |

ΦA - 2180 ΦB - 2180

| | |
|---|---|
| TOTAL CONNECTED VA | - 4540 |
| LCL @ 125% 4000 | - 5000 |
| TOTAL OTHER LOAD | - 540 |
| PANEL LOAD | - 5540 |
| FEEDER AMPS | - 23.1 |

(1) PROVIDE 1-4 CHANNL ELECTRONIC PROGRAMMABLE TIMER.
(2) PROVIDE 1-20 A-4P LTG CONTACTOR PHOTOCELL H-O-A SWITCH FROM CHANNEL 1
(3) PROVIDE 1-20A-2P LTG CONTACTOR, PHOTOCELL, H-O-A CONTROLLED FROM CHANNEL 2
(4) PROVIDE CHANNEL 20A-2P LTG. CONTACTOR H-O-A SWITCH CONTROL FROM CHANNEL 3.

SEP 04 1992

BID SET

t. i. maloney, inc.
landscape architecture • planning
6180 Brockton Avenue, Suite 201 Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039

# BERGAMONT PARK
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION:
GENERAL NOTES, ELECTRICAL SYMBOL LIST, LIGHTING FIXTURE SCHEDULE, SINGLE LINE DIAGRAM, PANEL SCHEDULE, LIGHTING FIXTURE TYPES "A","B",& "B1" DETAILS

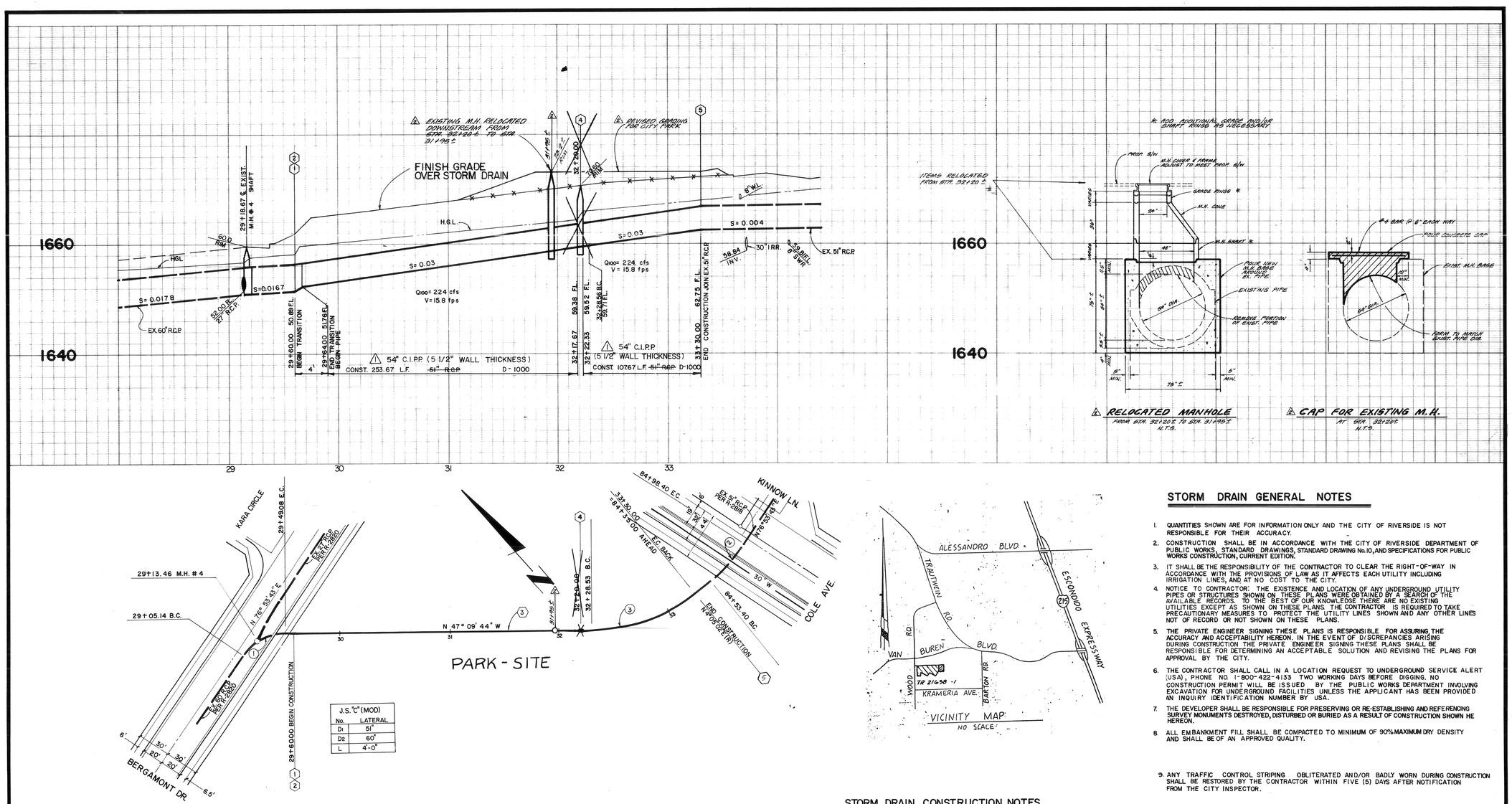
REGISTERED LANDSCAPE ARCHITECT TIMOTHY I. MALONEY NO. 2110 Signature 9-2-92 Date STATE OF CALIFORNIA

DATE: 2/21/92
JOB NO: 910309
DRAWN: C.M.C.
CHECKED: J.P.A. SR.
REVISIONS:
AS-BUILTS 6/1/93

21-582
RWR PASCOE
ELECTRICAL ENGINEERS • LIGHTING CONSULTANTS
One Venture, Suite 220 Irvine, California 92718 (714) 753-4777 Fax: 753-1599
22690 Cactus Ave., #140 Moreno Valley, CA 92553 (714) 653-9295

SCALE: AS NOTED

E-2







| J.S."C"(MOD) | |
|---|---|
| No. | LATERAL |
| D1 | 51" |
| D2 | 60" |
| L | 4'-0" |

## STORM DRAIN GENERAL NOTES

1. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING No. 10, AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES, AND AT NO COST TO THE CITY.
4. NOTICE TO CONTRACTOR: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
5. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION THE PRIVATE ENGINEER SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
6. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133 TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
7. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
8. ALL EMBANKMENT FILL SHALL BE COMPACTED TO MINIMUM OF 90% MAXIMUM DRY DENSITY AND SHALL BE OF AN APPROVED QUALITY.
9. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE (5) DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR.

## STORM DRAIN CONSTRUCTION NOTES

1. REMOVE INLET AND RIP-RAP STRUCTURE
2. CONSTRUCT JUNCTION STRUCTURE "C" (MOD.) PER CITY OF RIVESIDE STD. 422
3. △ CONSTRUCT ~~51" R.C.P.~~ STORM DRAIN ASTM CL. III (1000-D) 54" CIPP (5 1/2" WALL THICKNESS)
4. CONSTRUCT MANHOLE AX PER CITY STD. #430
5. REMOVE OUTLET AND RIP-RAP STRUCTURE

## LINE "S"

| CURVE DATA | | | |
|---|---|---|---|
| No | R | L | T |
| ① 55°56' 33" | 45.00 | 43.94 | 23.90 |
| ② 17° 11' 19" | 150.00 | 45.00 | 22.67 |
| ③ 38°45' 14" | 150.00 | 101.47 | 52.76 |

REGISTERED PROFESSIONAL ENGINEER RUSSELL E. SHAW No. 28248 Exp. 3-31-94 CIVIL STATE OF CALIFORNIA

REVISION 2 PREPARED BY:
INTEGRA ENGINEERING, INC.
LAND SURVEYORS • CIVIL ENGINEERS
621 E. CARNEGIE DR. #120, SAN BERNARDINO, CA 92408
TELEPHONE (714) 383-0200 FAX (714) 383-0203
APPROVED BY: Russell E. Shaw DATE: 8/3/92
REGISTERED CIVIL ENGINEER No. 28248 - EXPIRES 3/31/94

INDEXED 7-21-87 LH

Underground Service Alert
Call: TOLL FREE
1-800 422-4133
TWO WORKING DAYS BEFORE YOU DIG

### PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

6/30/89

PREPARED UNDER THE DIRECTION OF
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE: 6-30-89 DATE: 6.8.87
APPROVED BY:

**J.F. DAVIDSON ASSOCIATES, INC.**
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 493, RIVERSIDE, CA 92502 (714) 686-0844
11200 SO. MT. VERNON AVE. #D, COLTON, CA 92324 (714) 825-1082
73-080 EL PASEO, #103, PALM DESERT, CA 92260 (619) 346-5691
JFD ASSOCIATES

SCALE
DATE APRIL 1987

BENCH MARK: V.B. 10-64 ELEV. 1700.670
BRASS DISK FLUSH & MARKED V.B. 10-64, 0.6 MI E ON VAN BUREN BLVD. FROM & INT. OF VAN BUREN & WOOD RD. 205' N. OF VAN BUREN ⊕ THE N.E. SIDE OF GRANITE BOULDERS ON TOP OF 3'X15'X18' BOULDER.

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|
| 2 | RELOCATED M.H. FROM STA. 32+20 TO 31+95 ± | JLL | 8/3/92 |
| | REVISED GRADES OVER PIPE (31+00 TO 32+60) | JLL | 7/29/92 |
| 1 | CHANGED PIPE TO 54" C.I.P.P. | JLL | 7/29/92 |

DESIGNED BY N.S. DRAWN BY T.C. CHECKED BY N.M.M. PREED

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

| | BY | DATE |
|---|---|---|
| APPROVED BY PRINCIPAL ENGINEER | | |
| PARK DEPARTMENT | | 6-26-87 |
| TRAFFIC DIVISION | | |
| CHIEF P.W. ENGR. | | 6.30 |

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 7/1/87

**TRACT 21638-1**
PARK-SITE STORM DRAIN
**LINE "S"**
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PROJECT NO. D-516
SHEET 1 OF 1
FILE NO. 9378

RC-21IC


t. i. maloney, inc.
landscape architecture • planning
6180 Brockton Avenue, Suite 201 • Riverside, CA 92506
(714) 369-0700 fax (714) 369-4039


**BERGAMONT PARK**
CITY OF RIVERSIDE
DEPARTMENT OF PARK AND RECREATION

SHEET DESCRIPTION
STORM DRAIN MANHOLE RELOCATION PLAN

REGISTERED LANDSCAPE ARCHITECT TIMOTHY J. MALONEY No. 2170 Signature 8-7-92 Date STATE OF CALIFORNIA

DATE: 2-21-92
JOB NO: 910309
DRAWN:
CHECKED:
REVISIONS:

SEE PLAN
SCALE: SEE PLAN
SD-1
13 OF 13