Addendum No. 4 **June 24, 2022**

Project: Layne Park Improvements, 120 N Huntington Street, Project No. 7616, Plan No. P-737

A. The following change to the **Instruction to Bidders** shall apply for this project.

1. Add the following:

The following documents in the PROPOSAL section of these Contract Documents must be completed and submitted with the bid package:

P-12 Non-Collusion Affidavit (Attachment "A")

B. The following change to the **Plans** shall apply for this project.

1. Revisions made to the following sheets:

C2.10, C2.11, C2.11A, L2.0, L2.1, L3.0, L3.2A, L3.4, L4.1, LD-1, LD-4, LD-5, and LD-6 (collectively Attachment "B")

Indicate the receipt of Addendum 4 on Page P-4 of the Contractor's Proposal. **FAILURE TO DO SO WILL RENDER YOUR BID NON-RESPONSIVE**

Approved by:

06/24/22

Matthew Baumgardner, P.E.
Director of Public Works/City Engineer

Date

NON-COLLUSION AFFIDAVIT

LAYNE PARK IMPROVEMENTS
PROJECT NO. 7616, PLAN NO. P-737

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

_____,being first duly sworn, deposes and

says that he is _____
(Sole owner, partner, president, secretary, etc.)

of _____
the party making the foregoing bid; that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that such bidder has not directly or indirectly colluded, conspired, connived or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure an advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid price or of that of any other bidder, or to secure an advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

_____ _____
Date Bidder

_____
Authorized Signature

_____
Name (Print/Type)

_____
Title

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

On _____, 2022 before me, _____,

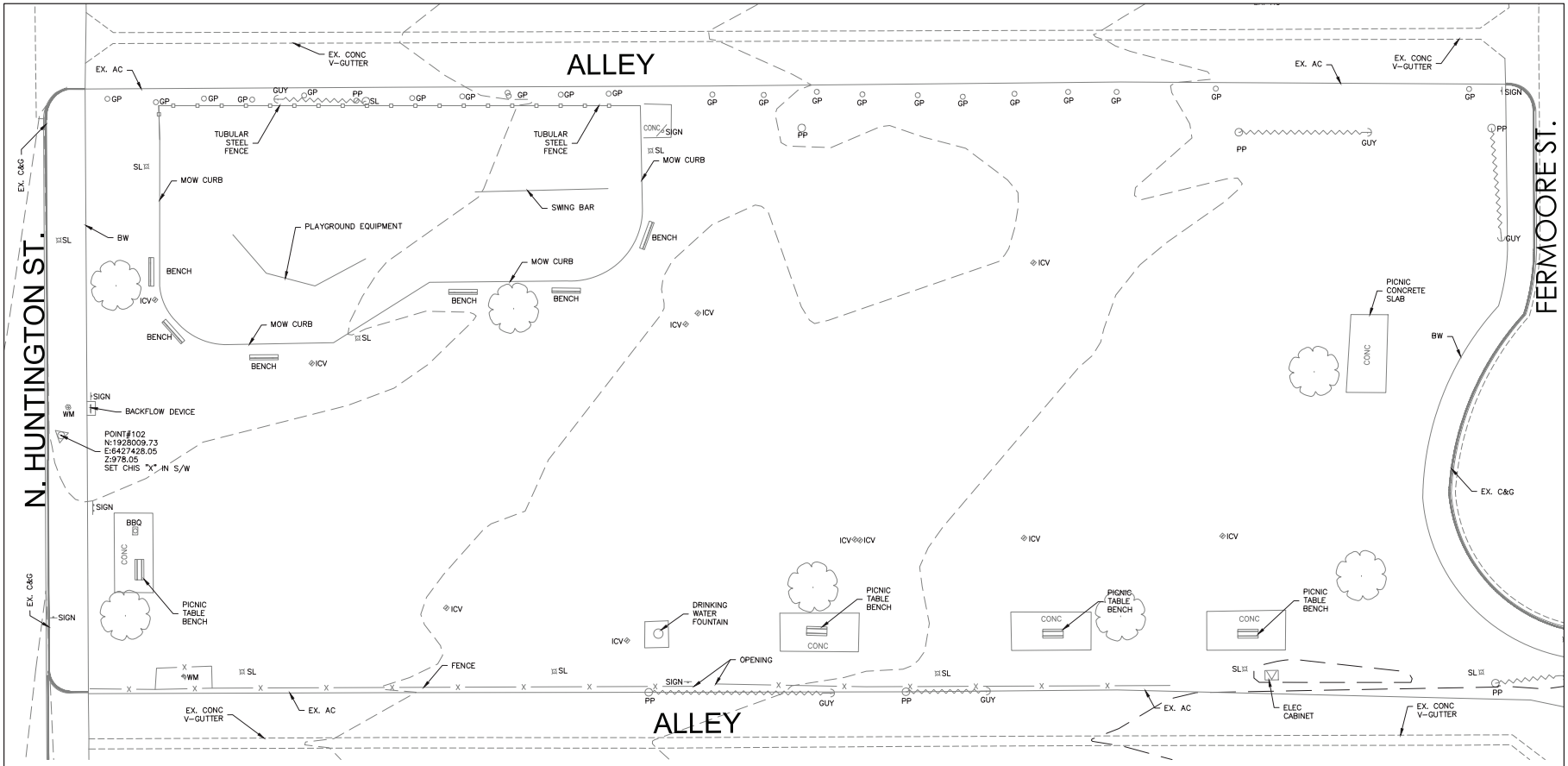
personally appeared _____who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

(Notary Seal)

_____
Signature of Notary Public

ATTACHMENT "B"



LEGEND & ABBREVIATIONS

SYMBOLS

	AC	.... ASPHALT
	BW	.... BACK OF WALK
	BBQ	.... BARBECUE
	C&G	.... CURB AND GUTTER
	C/L	.... CENTERLINE
	CLF	.... CHAIN LINK FENCE
	CONC	.... CONCRETE PAVEMENT
	CTRL	.... CONTROL
	EL	.... ELEVATION
	EX.	.... EXISTING
	GP	.... GUARD POST
	GUY	.... GUY ANCHOR
	ICV	.... IRRIGATION CONTROL VALVE
	PP	.... POWER POLE
	P/L	.... PROPERTY LINE
	R/W	.... RIGHT OF WAY
	SL	.... STREET LIGHT
	TC	.... TOP OF CURB
	TSF	.... TUBULAR STEEL FENCE
	TR	.... TREE
	WM	.... WATER METER
	WV	.... WATER VALVE

(975) MAJOR CONTOUR
(976) MINOR CONTOUR
STREET CENTERLINE
CHAIN LINK FENCE
TUBULAR STEEL FENCE
R/W
CURB_LINE
EDGE_OF_GUTTER
BACK_OF_WALK

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
105W. UNION AVE.
FULLERTON CA 92832
TEL 714.978.0636
www.migcorp.com

CONSULTANT:
CWE
1561 E. ORANGETHORPE AVE.
SUITE 240
FULLERTON, CA 92831
TEL (714) 526-7500
www.cwecorp.com

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

EXISTING TOPOGRAPHICAL

DATE	REVISION
10-11-21	50% CD SUBMITTAL
01-10-22	95% CD SUBMITTAL
05-02-22	BID SET SUBMITTAL
06-23-22	ADDENDUM #4 △1

STAMP

REGISTERED PROFESSIONAL ENGINEER
WILLIAM F. YOUNG
No. 74578
CIVIL
STATE OF CALIFORNIA

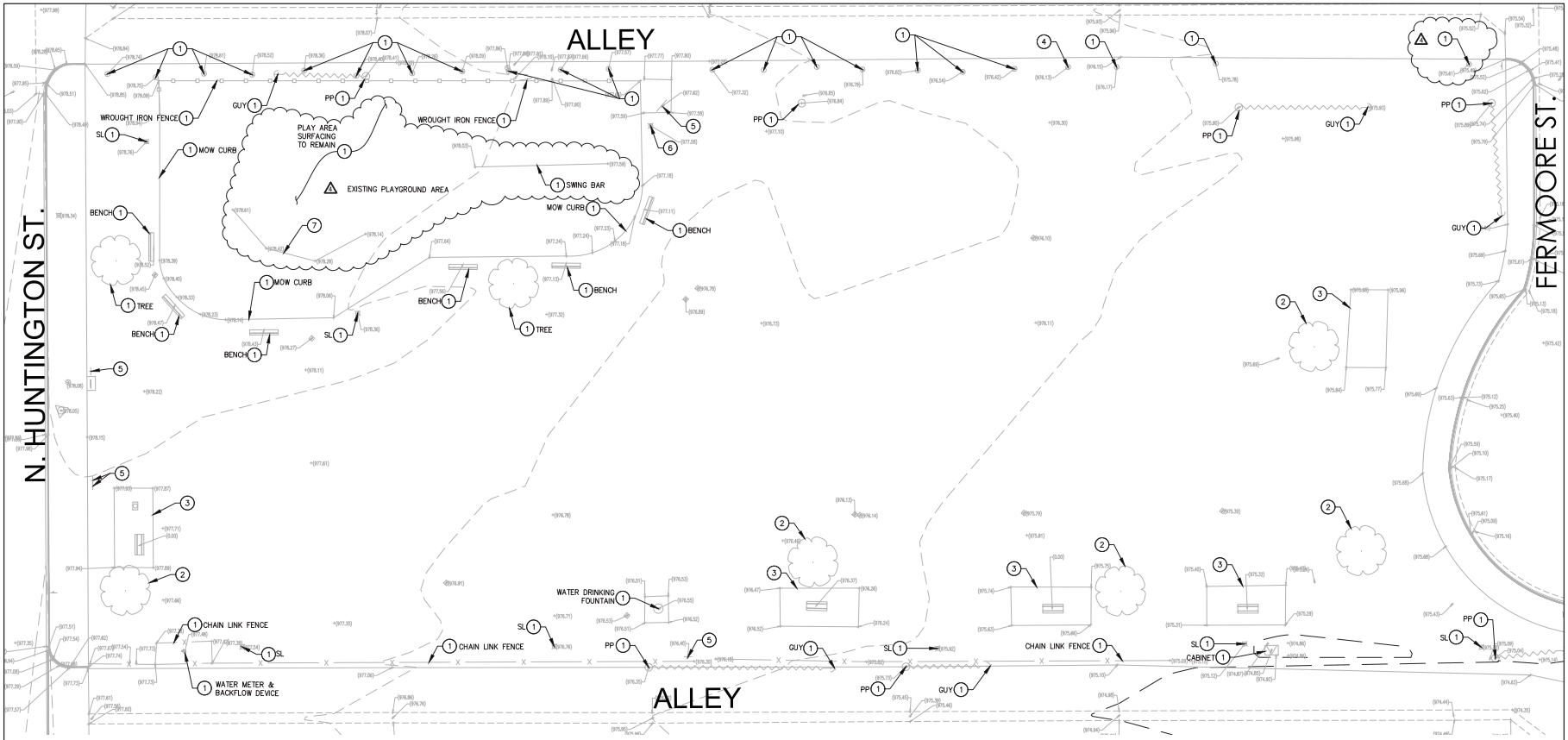
DESIGNED BY	M.N.
CHECKED BY	W.Y.
DATE	04-20-22
JOB NO.	7616
PLAN NO.	737

SHEET

C2.10

SHEET 4 OF 36 SHEETS

Z:\21403\06 Tasks\01 Design\50 Grading\21403 – C2.10 – Ex. topographical plan.dwg
Jun. 22, 2022 10:14 AM
Plotted By: mnguyen



GENERAL DEMOLITION NOTES:

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
3. CONTRACTOR SHALL NOTE AND INSTALL SLEEVE LOCATIONS SHOWN ON IRRIGATION PLANS IN EXCESS OF EXISTING SLEEVES PER CITY'S APPROVAL.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND CITY'S REPRESENTATIVE.
6. CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
9. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.
10. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION.
11. FINAL LOCATIONS OF ALL SIGNS, SITE FURNITURE & DRINKING FOUNTAINS ETC. TO BE MARKED & APPROVED IN THE FIELD.

DEMOLITION NOTES:

1. PROTECT IN PLACE
2. REMOVE EXISTING TREE PER LANDSCAPE ARCHITECTURAL PLAN
3. REMOVE EXISTING CONCRETE SLAB. SALVAGE ALL BENCHES, TABLES AND BBQ STAND. ALL SALVAGED ITEMS TO BE DELIVERED TO THE CITY OF SAN FERNANDO
4. REMOVE EXISTING GUARD POST
5. REMOVE EXISTING PARK SIGN POST AND FOOTING
6. REMOVE EXISTING LIGHT POST AND FOOTING
7. REMOVE PLAYGROUND EQUIPMENT AND FOOTINGS. △3

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
168W. UNION AVE.
FULLERTON, CA 92832
TEL 714/871-0636
www.migcorp.com

CONSULTANT:
CWE
1561 E. ORANGETHORPE AVE.
SUITE 240
FULLERTON, CA 92831
TEL (714) 526-7500
www.cwecorp.com

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

DEMOLITION PLAN

DATE	REVISION
10-11-21	50% CD SUBMITTAL
01-10-22	95% CD SUBMITTAL
05-02-22	BID SET SUBMITTAL
06-23-22	ADDENDUM #4 △3

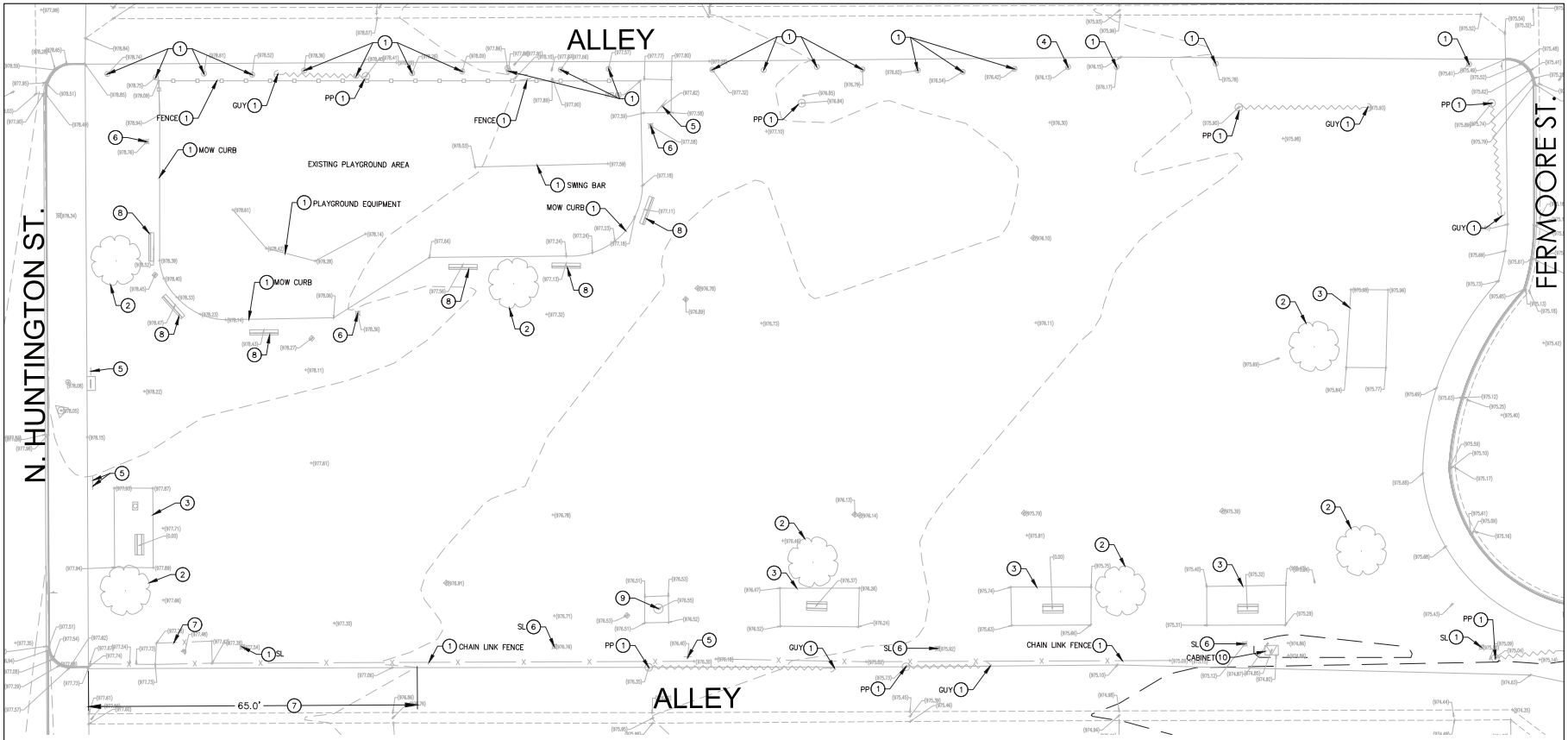
STAMP

REGISTERED PROFESSIONAL ENGINEER
WILLIAM F. YOUNG
No. 70750
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	M.N.
CHECKED BY	W.Y.
DATE	04-20-22
JOB NO.	7616
PLAN NO.	737

SHEET
C2.11
SHEET 5 OF 36 SHEETS

Z:\21403\06 Tasks\01 Design\50 Grading\21403 - C2.11 - Demolition Plan.dwg
Jun. 22, 2022 10:09 AM
Plotted by: mnguyen



GENERAL DEMOLITION NOTES:

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
3. CONTRACTOR SHALL NOTE AND INSTALL SLEEVE LOCATIONS SHOWN ON IRRIGATION PLANS IN EXCESS OF EXISTING SLEEVES PER CITY'S APPROVAL.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND CITY'S REPRESENTATIVE.
6. CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
9. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.
10. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION.
11. FINAL LOCATIONS OF ALL SIGNS, SITE FURNITURE & DRINKING FOUNTAINS ETC. TO BE MARKED & APPROVED IN THE FIELD.

DEMOLITION NOTES:

1. PROTECT IN PLACE
2. REMOVE EXISTING TREE PER LANDSCAPE ARCHITECTURAL PLAN
3. REMOVE EXISTING CONCRETE SLAB. SALVAGE ALL BENCHES, TABLES AND BBQ STAND. ALL SALVAGED ITEMS TO BE DELIVERED TO THE CITY OF SAN FERNANDO
4. REMOVE EXISTING GUARD POST
5. REMOVE EXISTING PARK SIGN POST AND FOOTING
6. REMOVE EXISTING LIGHT POST AND FOOTING
7. REMOVE EXISTING CHAIN LINK FENCE
8. REMOVE EXISTING BENCH
9. REMOVE EXISTING DRINKING FOUNTAIN
10. REMOVE AND RELOCATE EXISTING IRRIGATION CABINET SYSTEM PER LANDSCAPE ARCHITECTURAL PLAN

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
103W. UNION AVE.
FULLERTON CA 92832
TEL 714.971.0636
www.migcorp.com

CONSULTANT:
CWE
1561 E. ORANGETHORPE AVE.
SUITE 240
FULLERTON, CA 92831
TEL (714) 526-7500
www.cwecorp.com

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

ADD ALT DEMOLITION PLAN

DATE	REVISION
10-11-21	50% CD SUBMITTAL
01-10-22	95% CD SUBMITTAL
05-02-22	BID SET SUBMITTAL
06-23-22	ADDENDUM #4 △3

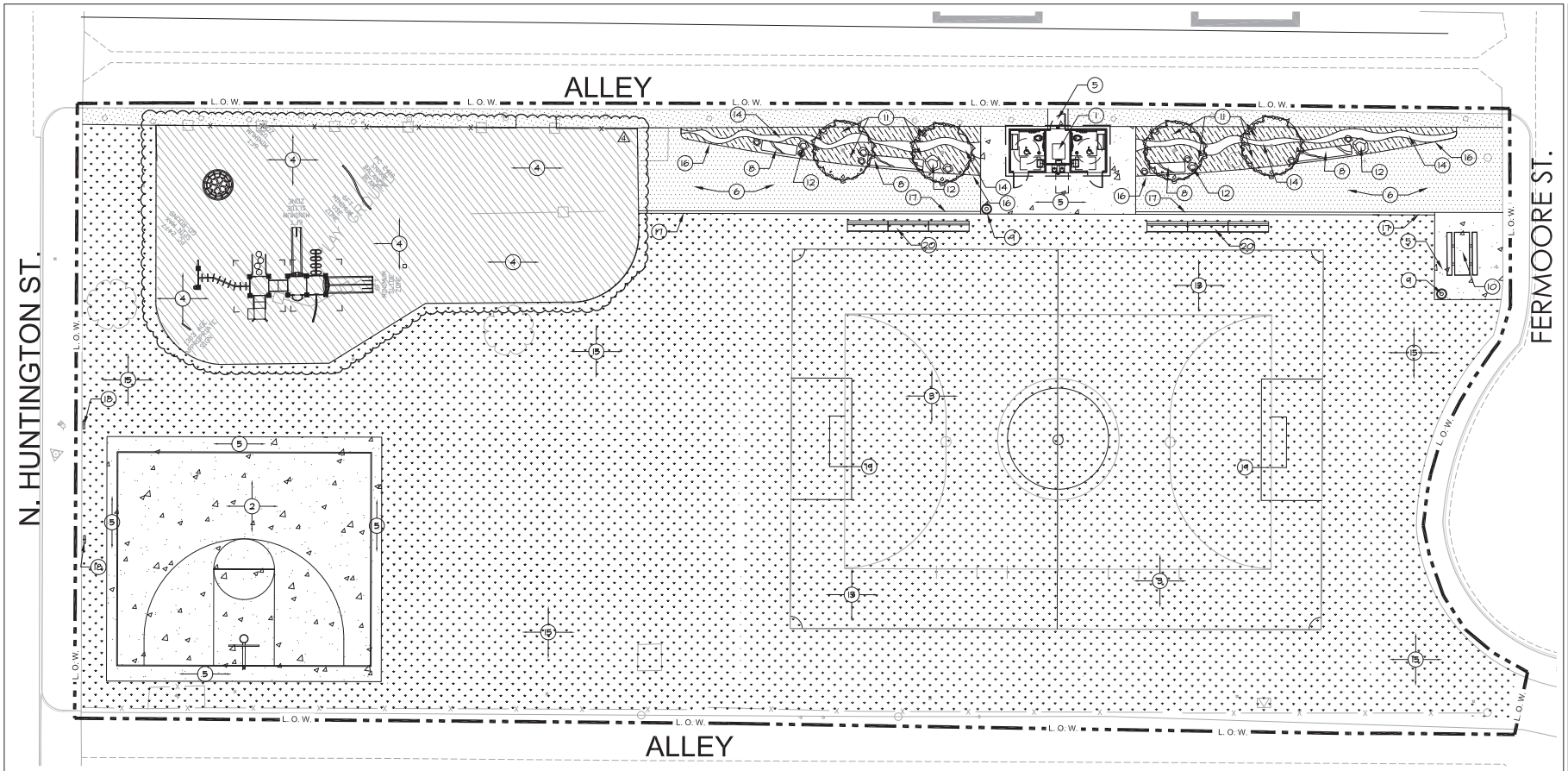
STAMP

REGISTERED PROFESSIONAL ENGINEER
WILLIAM F. YOUNG
No. 70750
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	M.N.
CHECKED BY	W.Y.
DATE	04-20-22
JOB NO.	7616
PLAN NO.	737

SHEET
C2.11A
SHEET 6 OF 36 SHEETS

Plotted by: mnguyen Jun. 22, 2022 10:13 AM Z:\21403\06 Tasks\01 Design\50 Grading\21403 - C2.11A - Alternative Demolition Plan.dwg



CONSTRUCTION NOTES:

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE. 24 HOUR NOTICE IS REQUIRED FOR ALL INSPECTIONS. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE MIX SHALL BE 520-C-2500. INSPECTOR MUST APPROVE CONCRETE FORMS PRIOR TO CONCRETE POUR. INSPECTOR MUST BE PRESENT DURING CONCRETE POUR.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
3. CONTRACTOR SHALL NOTE AND INSTALL SLEEVE LOCATIONS SHOWN ON IRRIGATION PLANS IN EXCESS OF EXISTING SLEEVES PER CITY'S APPROVAL.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND CITY'S REPRESENTATIVE.
6. CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
9. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.
10. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION.
11. FINAL LOCATIONS OF ALL SIGNS, SITE FURNITURE & DRINKING FOUNTAINS ETC. TO BE MARKED & APPROVED IN THE FIELD BY CITY.

SYMBOLS LEGEND:

- NATURAL TURF
- PEDESTRIAN CONCRETE PAVING
- STABILIZED DECOMPOSED GRANITE
- MULCH - 3" DEEP
- PLANTING AREA
- PLAYGROUND RESURFACING
- BOULDERS
- BASE BID LIMIT OF WORK

CONSTRUCTION LEGEND:

1. RESTROOM BUILDING. REFER TO DETAIL 'A', SHEET LD-2.
2. BASKETBALL COURT. REFER TO DETAIL 'A & D', SHEET LD-3.
3. SOCCER FIELD. REFER TO DETAIL 'B', SHEET LD-4.
4. NEW PLAYGROUND AND SURFACING BY PLAYCRAFT SYSTEMS. REFER TO QUOTE #PAC211B43IB-2. PH: 1-760-544-7355. SEE DETAIL 'A', SHEET LD-4.
5. 4" THICK CONCRETE PAVING. USE CONCRETE MIX 520-C-2500 UNLESS OTHERWISE NOTED. REFER TO DETAIL 'A', SHEET LD-1.
6. STABILIZED DECOMPOSED GRANITE. REFER TO DETAIL 'B', SHEET LD-1.
7. PEDESTRIAN LIGHTING. REFER TO ELECTRICAL PLANS.
8. KILN DRIED LOG BENCH BY ANSEL CITY LUMBER. REFER TO QUOTE #651. SHERMAN OAKS AND PASADENA BLUE GUM EUCALYPTUS LOG BENCHES 18" HIGH X VARIABLE DEPTH (20" - 28")W X 8' LONG. CONTACT: BILLING@ANSELCITYLUMBER.COM).
9. TRASH RECEPTACLE BY PATTERSON WILLIAMS. 32 GAL TRASH RECEPTACLE; MODEL #1150-BV WITH FLAT TOP LID AND PLASTIC LINER AND IN-GROUND MOUNT; MODEL #REM1150-M1. MANUF. REP.BRITTANY FULKRABEK WITH DAVE BANG ASSOCIATES PH:(714)935-8251. REFER TO DETAIL 'E', SHEET LD-1.
10. 8' RECYCLED PLASTIC ADA PICNIC TABLE BY PATTERSON WILLIAMS. MODEL#1120-ADA. MANUF. REP.BRITTANY FULKRABEK WITH DAVE BANG ASSOCIATES PH:(714)935-8251.
11. PLANTING AREA. REFER TO PLANTING PLANS.
12. BOULDERS TYPICAL. REFER TO SYMBOLS LEGEND. INSTALL PER DETAIL 'E', SHEET LD-1.
13. HYDROSEED TURF. REFER TO PLANTING PLAN.
14. DRY CREEK. REFER TO SYMBOLS LEGEND. INSTALL PER DETAIL 'B', SHEET LD-3.
15. RE-SEEDED TURF. REFER TO PLANTING PLANS.
16. REDWOOD HEADER.
17. 6" CONCRETE CURB. REFER TO DETAIL 'C', SHEET LD-1.
18. EXISTING SIGN TO REMAIN. PROTECT IN PLACE.
19. SOCCER GOAL BY STEELCRAFT PRODUCTS. MODEL: F65-524-KD.
20. 21' ALUMINUM TEAM BENCH WITH BACK BY PATTERSON WILLIAMS. MODEL #1109-216. MANUF. REP.BRITTANY FULKRABEK WITH DAVE BANG ASSOCIATES PH:(714)935-8251.

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.
FULLERTON, CA 92832
TEL 714.871.2838
www.migcorp.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

CALLOUT PLAN

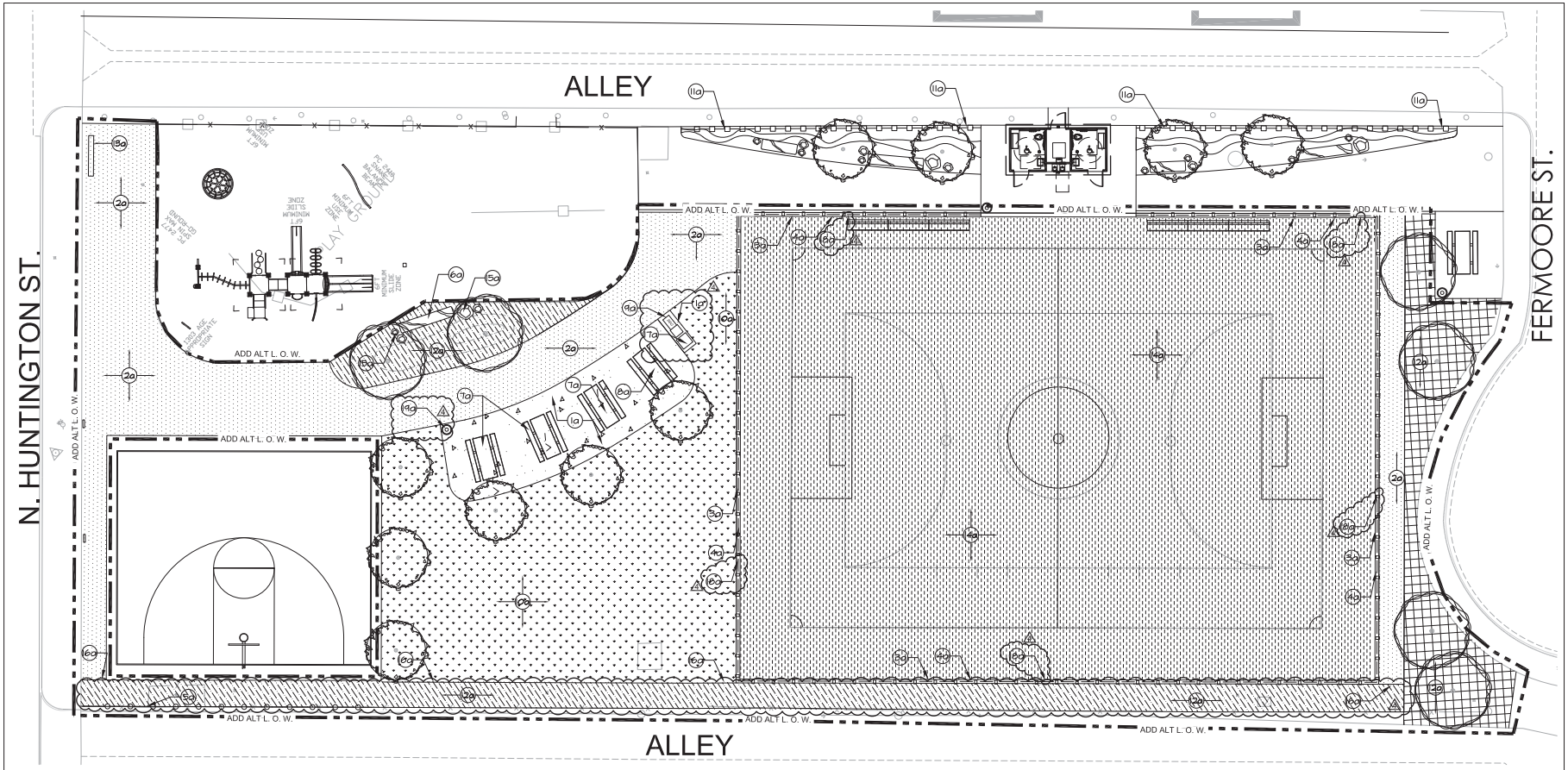
DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4

STAMP

LICENSED LANDSCAPE ARCHITECT
JOHN R. MATHER NO. 2499
2/29/24
6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
L2.0



CONSTRUCTION NOTES:

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE CITY'S AUTHORIZED REPRESENTATIVE PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE. 24 HOUR NOTICE IS REQUIRED FOR ALL INSPECTIONS. UNLESS OTHERWISE SPECIFIED, ALL CONCRETE MIX SHALL BE 520-C-2500. INSPECTOR MUST APPROVE CONCRETE FORMS PRIOR TO CONCRETE POUR. INSPECTOR MUST BE PRESENT DURING CONCRETE POUR.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE HELD LIABLE FOR ALL DAMAGES INCURRED.
3. CONTRACTOR SHALL NOTE AND INSTALL SLEEVE LOCATIONS SHOWN ON IRRIGATION PLANS IN EXCESS OF EXISTING SLEEVES PER CITY'S APPROVAL.
4. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
5. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND CITY'S REPRESENTATIVE.
6. CONTRACTOR MUST CHECK ALL DIMENSIONS, FRAMING CONDITIONS AND SITE CONDITIONS BEFORE STARTING WORK. LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
7. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED SIMILAR TO THE DETAILS FOR THE RESPECTIVE MATERIALS.
8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. ALL BRACING, TEMPORARY SUPPORTS, SHORING, MASONRY, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DOES NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
9. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS.
10. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION.
11. FINAL LOCATIONS OF ALL SIGNS, SITE FURNITURE & DRINKING FOUNTAINS ETC. TO BE MARKED & APPROVED IN THE FIELD BY CITY.

SYMBOLS LEGEND:

- NATURAL TURF
- SOD TURF
- PEDESTRIAN CONCRETE PAVING
- STABILIZED DECOMPOSED GRANITE
- MULCH - 3" DEEP
- PLANTING AREA
- BOULDERS
- BASE BID LIMIT OF WORK
- 10' WIRE MESH FENCE (ADD ALT)
- SPLIT RAIL FENCE (ADD ALT)
- 20' HIGH SAFETY FENCING (ADD ALT)

ADD ALTERNATE CONSTRUCTION LEGEND*:

1a 4" THICK CONCRETE PAVING. USE CONCRETE MIX 520-C-2500 UNLESS OTHERWISE NOTED. REFER TO DETAIL 'A', SHEET LD-1.

2a STABILIZED DECOMPOSED GRANITE. REFER TO DETAIL 'B', SHEET LD-1

3a 4" CURB AT SOCCER FIELD FENCING. REFER TO DETAIL 'A', SHEET LD-6.

4a 20' HIGH SAFETY NETTING FENCING. REFER TO DETAIL 'H', SHEET LD-6 △1

5a 10' WIRE MESH FENCE. REFER TO DETAIL 'C', SHEET LD-6.

6a KILN DRIED LOG BENCH BY ANGEL CITY LUMBER. REFER TO QUOTE #1651. SHERMAN OAKS AND PASADENA BLUE GUM EUCALYPTUS LOG BENCHES (8" HIGH X VARIABLE DEPTH (20" - 28")) X 8' LONG. CONTACT: BILLING@ANGELCITYLUMBER.COM). △1

7a 6' RECYCLED PLASTIC PICNIC TABLE BY PATTERSON WILLIAMS. MODEL#1120-06. MANUF. REP.BRITTANY PULKRABEK WITH DAVE BANG ASSOCIATES PH.(714)835-8251.

8a 8' RECYCLED PLASTIC ADA PICNIC TABLE BY PATTERSON WILLIAMS. MODEL#1120-ADA. MANUF. REP.BRITTANY PULKRABEK WITH DAVE BANG ASSOCIATES PH.(714)835-8251.

9a BBQ UNIT (IN-GROUND MOUNT) BY PATTERSON WILLIAM. MODEL# 1140-00. SINGLE GRILL 15"X20", 3-1/2" OD POST. MANUF. REP.BRITTANY PULKRABEK WITH DAVE BANG ASSOCIATES PH.(714)835-8251. INSTALL PER MANUF. SPECIFICATIONS. △1

10a HYDROSEED TURF. REFER TO PLANTING PLAN.

11a SPLIT RAIL FENCE. INSTALL PER DETAIL 'G', SHEET LD-6.

12a PLANTING AREA. REFER TO PLANTING PLANS.

13a MONUMENT SIGN. REFER TO DETAIL 'J', SHEET LD-6.

14a SOD TURF. REFER TO PLANTING PLANS.

15a BOULDERS TYPICAL. REFER TO SYMBOLS LEGEND. INSTALL PER DETAIL 'E', SHEET LD-1.

16a REDWOOD HEADER. △1

17a HOT ASH CONTAINER WITH ASH DOOR BY GCP CORP. MODEL# GPSHA2842. MANUF. REP.CYNTHIA CHAVEZ WITH GCP CORP. PH.(951) 256-5221.

18a 6' HIGH CHAIN LINK FENCE. REFER TO DETAIL 'B', SHEET LD-6.

19a TRASH RECEPTACLE BY PATTERSON WILLIAMS. 32 GAL TRASH RECEPTACLE; MODEL #1150-BV WITH FLAT TOP LID AND PLASTIC LINER AND IN-GROUND MOUNT; MODEL #REM1150-MI. MANUF. REP.BRITTANY PULKRABEK WITH DAVE BANG ASSOCIATES PH.(714)835-8251. REFER TO DETAIL 'F', SHEET LD-1.

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.
FULLERTON, CA 92832
TEL 714-871-3038
www.migcorp.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

ADD ALT CALLOUT PLAN

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 △1

STAMP
LICENSED LANDSCAPE ARCHITECT
OWEN R. WATHER NO. 5000
2/29/24
Expiration Date
6/23/22
Date
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
L2.1
SHEET 16 OF 36 SHEETS

LANDSCAPE IRRIGATION EQUIPMENT LEGEND

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
	N/A	N/A	EXISTING DEDICATED IRRIGATION WATER METER AND SERVICE LINE	1.5" SIZE. FIELD VERIFY EXACT LOCATION, SIZE AND STATIC PRESSURE. 80 PSI MINIMUM PRESSURE REQUIRED.	N/A
	N/A	N/A	IRRIGATION POINT-OF-CONNECTION (POC) TO EXISTING WATER METER.	SIZE PER PLAN. INSTALL GATE VALVE AS SHOWN ON PLANS. GATE VALVE SHALL BE MAINLINE SIZE. FIELD VERIFY SIZE, LOCATION AND STATIC PRESSURE.	N/A
	WILKINS	975XLSEU	BACKFLOW PREVENTION DEVICE, PRESSURE REGULATOR AND WYE STRAINER/ ENCLOSURE	1.5" SIZE. REDUCED PRESSURE TYPE WITH PRESSURE REGULATOR AND WYE STRAINER. LEAD FREE. INSTALL PER DETAIL AND AS REQUIRED BY LOCAL CODES. INSTALL WITHIN SBBC-30-ALI SECURITY ENCLOSURE.	5/L3.4
	NIBCO	T-113-BHW	MAINLINE ISOLATION GATE VALVE (2-1/2-INCH AND SMALLER)	MAINLINE SIZE. INSTALL WITHIN PLASTIC VALVE BOX AND BOLT DOWN COVER.	5/L3.3 3,4/L3.3
NOT SHOWN	SUPERIOR	BSBV	MANIFOLD ISOLATION BALL VALVE (SUB-MAINS)	2" AND SMALLER, BRONZE, 1/4 TURN, THREADED. INSTALL WITHIN VALVE BOX AS DETAILED. MATCH LARGEST REMOTE CONTROL VALVE SIZE WITHIN MANIFOLD.	6/L3.3 3,4/L3.3
	SUPERIOR	QB44AR	QUICK COUPLER VALVE	1-INCH SIZE (NPT); SINGLE SLOT WITH YELLOW TUFF TOP AND ANTI-ROTATION FEATURE. SUPPLY WITH (2) 1-INCH NPT MALE x 3/4-INCH FEMALE KEYS AND MATCHING 1-INCH MALE HOSE X 1" FEMALE PIPE HOSE SWIVELS. INSTALL WITHIN PLASTIC VALVE BOX AND BOLT DOWN COVER.	4/L3.4 3,4/L3.3
A	CALSENSE	CS3-24-S/CS3-GR-KIT/COMM-5YR-2/CS3-SSBP/FM1.5	AUTOMATIC IRRIGATION CONTROLLER WITH CELLULAR COMMUNICATION. INCLUDES FLOW METER- REFER TO SYMBOL BELOW.	INSTALL 24 STATION INTERIOR WALL MOUNTED CS3000 CONTROLLER LISTED AT LEFT WITHIN UTILITY CLOSET IN RESTROOM BUILDING. SYNC WITH RAIN SWITCH 'R'. WIRE TO FLOW METER, MASTER VALVE AND CONTROL VALVES.	5/L3.5
R	HUNTER	WRS-KIT	WIRELESS RAIN SENSOR.	WIRELESS RAIN SWITCH. DISTANCE FROM CONTROLLER SHALL NOT EXCEED 200-FEET. REFER TO PLAN FOR ADDITIONAL INFO. SENSOR SHALL BE FIELD LOCATED ON SOUTH FACING BUILDING FASCIA. LOCATE TO PROVIDE OPTIMAL EXPOSURE TO WEATHER ELEMENTS AS PER MANUFACTURER'S RECOMMENDATIONS.	PER MANUF'R
E	CALSENSE	EXISTING	EXISTING PEDESTAL MOUNTED AUTOMATIC IRRIGATION CONTROLLER.	REMOVE, SALVAGE EXISTING CALSENSE CONTROLLER AND RETURN TO THE CITY OF SAN FERNANDO. DISCONNECT AND REMOVE EXISTING POWER SUPPLY AT EXISTING PEDESTAL CONTROLLER LOCATION.	N/A
NOT SHOWN	-	-	PULL/ SPLICE BOXES	LOCATE PULL BOXES AT ENDS OF ALL SLEEVES, AND AS DIRECTED BY OWNER REPRESENTATIVE. ALL WIRING SHALL BE INSTALLED IN GRAY SCH. 40 PVC CONDUIT W/ SWEEPS	7/L3.5
	-	-	FLOW SENSOR AND MASTER CONTROL VALVE WIRES IN CONDUIT	#14 WIRE (2 FOR FLOW METER, 2 FOR MASTER CONTROL VALVE) IN 1" GRAY SCH. 40 PVC CONDUIT AND SWEEPS. LOCATE PULL BOXES EVERY 200' O.C. AND AS DIRECTED BY OWNER'S REPRESENTATIVE. SPLICES, WHEN APPROVED, SHALL USE WATER TIGHT DIRECT BURY ELECTRICAL SPLICE KITS PER SPECS.	8/L3.4
M	SUPERIOR	3200-1.5"	MASTER CONTROL VALVE (MCV)	1.5" SIZE. 24 VOLT, NORMALLY CLOSED, BRASS, GLOBE, FLOW CONTROL, DIAPHRAGM ACTIVATED VALVE WITH NPT INLET AND OUTLET. WIRE TO CONTROLLER 'A'.	7/L3.4
F	CALSENSE	FM1.5B	T-TYPE FLOW METER	1.5" SIZE. BRASS, WIRE DIRECTLY TO CONTROLLER 'A'. 2 GALLON PER MINUTE MINIMUM FLOW REQUIRED TO REGISTER FLOW.	7/L3.4
	RAIN BIRD	100-PEB (1") 150-PEB (1.5")	REMOTE CONTROL VALVE (RCV)	GLASS FILLED NYLON AUTOMATIC GLOBE VALVE. SIZE AS INDICATED ON PLANS. INSTALL WITHIN PLASTIC VALVE BOX AND BOLT DOWN COVER. INSTALL WITHIN MANIFOLD WHEN GROUPED WITH OTHER VALVES. SIZE MANIFOLD TO MATCH LARGEST LATERAL LINE SIZE. USE WITH POP-UP ROTORS, SPRINKLERS AND TREE BUBBLERS.	1/L3.4 3,4/L3.3
	RAIN BIRD	XCZ-100-PRB-LC	DRIP REMOTE CONTROL VALVE ASSEMBLY (DRCV)	1" SIZE. GLASS-FILLED NYLON AUTOMATIC GLOBE VALVE SHALL BE INSTALLED WITH INLINE PRESSURE REGULATING SCREEN BASKET FILTER (40PSI). USE QKCHK-100M BASKET FILTER (NO REGULATOR) WHEN UPSTREAM PRESSURE IS LESS THAN 50 PSI. INSTALL WITHIN PLASTIC JUMBO VALVE BOX AND BOLT DOWN COVER. INSTALL WITHIN MANIFOLD WHEN GROUPED WITH OTHER VALVES. SIZE MANIFOLD TO MATCH LARGEST LATERAL LINE SIZE. USE WITH DRIP ZONES ONLY. FLOW RANGE: 0.3 - 20 GPM.	1/L3.5 3,4/L3.3
	PW PIPE	-	PRESSURE MAINLINE PIPE	2-INCH SIZE UNLESS NOTED DIFFERENTLY ON PLANS. USE SCHEDULE 40 PVC PIPE WITH SCHEDULE 40 SOLVENT WELD FITTINGS FOR MAINLINE PIPE 2-INCHES OR SMALLER. INSTALL WITH TRACE WIRE. MAINLINE COVER DEPTH: 18"	1/2/L3.3
	PW PIPE	-	SOLVENT WELD NON-PRESSURE LATERAL PIPE	SIZE PER PLAN; SCHEDULE 40 PVC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS FOR LATERAL LINE, 3/4" MIN. SIZE. LATERAL COVER DEPTH 12"	
	PW PIPE	-	IRRIGATION PIPE/ CONTROL WIRES/ SENSOR WIRE SLEEVE	QUANTITIES SHOWN ON PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL PROVIDE SIZE AND QUANTITY AS REQUIRED. REFER TO PIPE/WIRE SLEEVING CHART FOR SIZE (SHEET L3.00)	2/L3.3

OVERHEAD IRRIGATION EQUIPMENT - ROTORS AT SPORTSFIELD

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	NOZZLE	OPERATING PSI	RADIUS FEET/ PATTERN	FLOW GPM	DETAIL
	RAIN BIRD	F4-FC-SS	4" POP-UP WITH ADJUSTABLE ARC, STAINLESS STEEL RISER, AND CHECK VALVE. ALL PATTERNS ARE ZONED TOGETHER- DO NOT MIX QUARTER, HALF OR FULL CIRCLE HEADS- VALVE SEPARATELY.	8 (LT. GREEN)	60	45'-50'/ FULL	8.2	2/L3.4
		F4-PC-SS		8 (LT. GREEN)		45'-50'/ HALF	8.2	
		F4-PC-SS		8 (LT. GREEN)		45'-50'/ QUARTER	8.2	

OVERHEAD IRRIGATION EQUIPMENT - STREAM ROTORS AT PASSIVE TURF

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	NOZZLE	OPERATING PSI	RADIUS	FLOW (GPM) 90°	180°	270°	360°	DETAIL
18	RAIN BIRD	1806-SAM-PRS45 WITH NOZZLE LISTED AT RIGHT	6" POP-UP, 45 PSI PRESSURE REGULATED BODY WITH ADJUSTABLE ARC STREAM NOZZLE, AND FACTORY INSTALLED CHECK VALVE. USE 6" POP-UP HEIGHT AT TURF AREAS WHERE INDICATED ON PLANS.	R-VAN-18	45	16'-18'	0.5	1.01	1.51		3/L3.4
18F				R13-18F	45	16'-18'				1.96	
24				R-VAN-1724	45	17'-24'	0.91	1.83	2.73		
24F				R17-24F	45	17'-24'				3.67	

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	NOZZLE	OPERATING PSI	RADIUS	FLOW (GPM) LCS	RCS	SST	DETAIL
LC	RAIN BIRD	1806-SAM-PRS45 WITH NOZZLE LISTED AT RIGHT	6" POP-UP, 45 PSI PRESSURE REGULATED BODY WITH ADJUSTABLE ARC STREAM NOZZLE, AND FACTORY INSTALLED CHECK VALVE. USE 6" POP-UP HEIGHT AT TURF AREAS WHERE INDICATED ON PLANS.	R-VAN-LCS	45	5' X 15'		0.24			3/L3.4
RC				R-VAN-RCS	45	5' X 15'			0.24		
SS				R-VAN-SST	45	5' X 30'				0.48	

LANDSCAPE IRRIGATION EQUIPMENT LEGEND - CON'T

OVERHEAD IRRIGATION EQUIPMENT - VARIABLE ARC NOZZLE SPRAY SPRINKLER AT PASSIVE TURF

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	NOZZLE	OPERATING PSI	RADIUS	FLOW (GPM) 90°	180°	270°	360°	DETAIL
8V	RAIN BIRD	1806-SAM-PRS WITH NOZZLE LISTED AT RIGHT	6" POP-UP, 30 PSI PRESSURE REGULATED BODY WITH ADJUSTABLE ARC NOZZLE, AND FACTORY INSTALLED CHECK VALVE. USE 6" POP-UP HEIGHT AT TURF AREAS WHERE INDICATED ON PLANS.	HE-VAN-08	30	6'-8'	0.29	0.59	0.88	1.17	3/L3.4
10V				HE-VAN-10	30	8'-10'	0.45	0.89	1.34	1.78	
12V				HE-VAN-12	30	10'-12'	0.59	1.18	1.77	2.37	
15V				HE-VAN-15	30	12'-15'	0.93	1.85	2.78	3.70	

SUBSURFACE DRIP IRRIGATION EQUIPMENT

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OP. PSI	EMITTER FLOW (GPH)	EMITTER SPACING	MAX. ALLOWED HORIZONTAL SPACING	BURIAL DEPTH	DETAIL
	RAIN BIRD	XFS-CV-06-12	INLINE EMITTER DRIPLINE W/ COPPER SHIELD PROTECTION, ANTI-SIPHON, PRESSURE COMPENSATING, SELF-FLUSHING EMITTERS W/ HIGH CHECK VALVE.	30	0.60	12-INCHES	12-INCHES	6-INCHES	4,6/L3.5 1/L3.6

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
F	NIBCO	4660-S	MANUAL FLUSH BALL VALVE	1/2" SIZE. PLUMB TO PVC EXHAUST HEADER. HEADER SIZE TO MATCH SUPPLY HEADER SIZE. REFER TO PLAN. REFER TO GENERAL IRRIGATION NOTES FOR ADDITIONAL INFORMATION.	2/L3.5
I	RAIN BIRD	OPERIND	OPERATION/PRESSURE INDICATOR STAKE	PLUMB TO DRIP TUBING, ONE PER DRIP ZONE.	3/L3.5

TREE ROOT WATERING SYSTEMS

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	NOZZLE	OPERATING PRESSURE	RADIUS	FLOW	FLOW	DETAIL
	RAIN BIRD	RWS-B-C-1402	AS SUPPLIED	30 PSI	N/A	0.50	CONTRACTOR TO INSTALL (2) RWS PER TREE.	6/L3.4

NON-PRESSURE LATERAL PIPE SIZING CHART SCHEDULE 40 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 -INCH	0 - 6
1 - INCH	7 - 12
1-1/4 - INCHES	13 - 20
1-1/2 - INCHES	21 - 30
2 - INCHES	31 - 50

PRESSURE MAINLINE PIPE SIZING CHART CLASS 315 & SCH. 40 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 -INCH	0 - 6
1 - INCH	7 - 12
1-1/4 - INCHES	13 - 20
1-1/2 - INCHES	21 - 30
2 - INCHES	31 - 50

CONDUIT/PIPE SLEEVE SIZING CHART (FOR REFERENCE USE ONLY)

SCHEDULE 40 PVC PIPE SLEEVE SIZE	MAXIMUM IRRIGATION PIPE/WIRE CONDUIT SIZE
2 - INCHES	1 - INCH
2-1/2 - INCHES	1-1/4 - INCH
3 - INCHES	1-1/2 - INCH
4 - INCHES	2 - INCHES
6 - INCHES	3 - INCHES
SPARE SLEEVE SIZE TO MATCH LARGEST SLEEVE AT SAME CROSSING LOCATION.	

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND AND CHART ON SHEET L3.0 FOR TYPE AND SIZE.

(#)M MAINLINE PIPE SLEEVE QUANTITY
(#)L LATERAL PIPE SLEEVE QUANTITY
(#)W WIRE/CONDUIT SLEEVE QUANTITY
(#)S EMPTY(SPARE) SLEEVE QUANTITY

VALVE CALLOUT

CONTROLLER/STATION → A17-T-4.1 → HYDROZONE DESCRIPTION*
FLOW (GPM) → 54.1 → VALVE SIZE
OPERATING PRESSURE (PSI) → 30.10.5 → IRRIGATION METHOD (BELOW)
HYDROZONE WATER-USE → 1.10.85 → PRECIP. RATE (IN./HR.)
→ 1,440 → HYRDOZONE AREA (SF)

*REFER TO HYDROZONE CHART

IRRIGATION METHOD:
RWS - TREE ROOT WATERING SYSTEM
DRP - SUB-SURFACE DRIP GRID
ROT - POP-UP ROTOR
RVN - POP-UP STREAM ROTOR
HVN - POP-UP SPRAY

1-1/2" PIPE SIZING CALLOUT

GENERAL NOTES

1. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON L3.0 AND THE GENERAL IRRIGATION NOTES ON SHEET L3.1 FOR ADDITIONAL INFO.
2. REFER TO THE IRRIGATION DETAILS ON SHEETS L3.3, L3.4, L3.5 AND L3.6 FOR ADDITIONAL INFORMATION.
3. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
4. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.

DIGALERT
DIAL TOLL FREE 1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
109 W. UNKNOWN AVE.
FULLERTON, CA 92832
TEL 714.871.3656
www.migcorp.com

CONSULTANT:

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

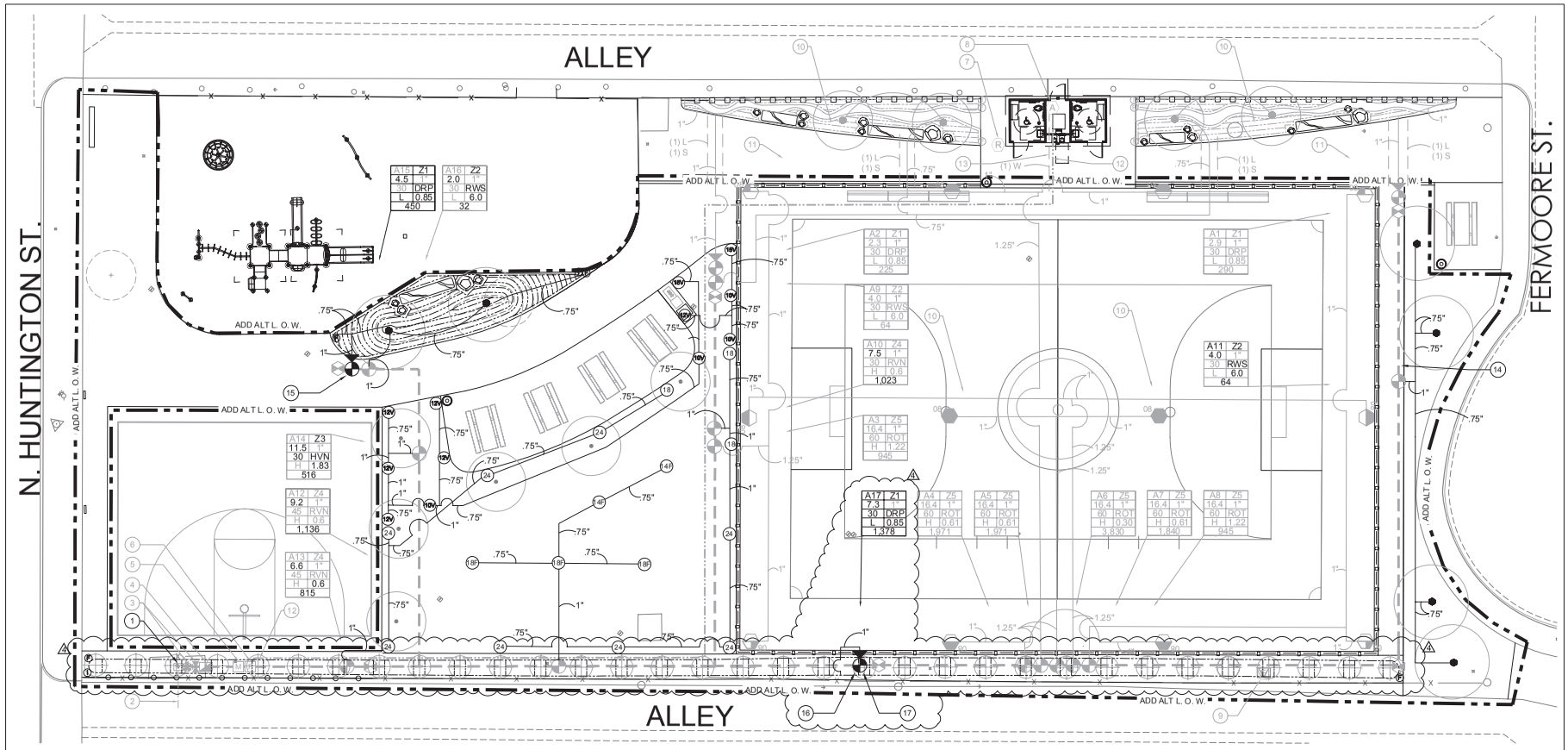
IRRIGATION LEGEND

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4

STAMP
LICENSED LANDSCAPE ARCHITECT
JON R. MATHER NO. 5117
2/29/24
6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
L3.0



LANDSCAPE IRRIGATION KEYED NOTES	
1	EXISTING IRRIGATION WATER METER:
	SOURCE: DOMESTIC WATER (POTABLE)
	WATER METER SIZE (EXISTING): 1.5"
	SERVICE LATERAL SIZE (EXISTING): 1.5"
	AVAILABLE STATIC PRESSURE AT METER: TBD PSI
	SET PRESSURE AT PRV: 80 PSI
	REQUIRED DESIGN PRESSURE AT METER: 80 PSI
	PEAK FLOW (MAX. DEMAND): 16.4 GPM
	IRRIGATION AREA (SF): 22,609
	ANNUAL USAGE (ACRE-FT): 1.90
2	EXISTING SERVICE LINE:
	NO CHANGE FROM BASE BID PLAN.
3	POINT-OF-CONNECTION (POC) & SHUT OFF VALVE:
	NO CHANGE FROM BASE BID PLAN.
4	REDUCED PRESSURE BACKFLOW PREVENTER:
	NO CHANGE FROM BASE BID PLAN.
5	MASTER CONTROL VALVE (NORMALLY CLOSED):
	NO CHANGE FROM BASE BID PLAN.
6	TEE MOUNTED FLOW SENSOR:
	NO CHANGE FROM BASE BID PLAN.

LANDSCAPE IRRIGATION KEYED NOTES- CON'T	
7	WIRELESS RAIN SHUT-OFF SENSOR:
	NO CHANGE FROM BASE BID PLAN.
8	PROPOSED AUTOMATIC IRRIGATION CONTROLLER 'A':
	NO CHANGE FROM BASE BID PLAN.
9	EXISTING AUTOMATIC IRRIGATION CONTROLLER 'E':
	NO CHANGE FROM BASE BID PLAN.
10	SEE BASE BID PLAN FOR IRRIGATION WITHIN THIS AREA:
	NO CHANGE FROM BASE BID PLAN.
11	SEE BASE BID PLAN FOR D.G. WITHIN THIS AREA:
	NO CHANGE FROM BASE BID PLAN.
12	FLOW METER AND MASTER VALVE WIRE CONDUIT:
	NO CHANGE FROM BASE BID PLAN.
13	REMOTE CONTROL VALVE WIRING IN CONDUIT:
	NO CHANGE FROM BASE BID PLAN.
14	REMOTE CONTROL VALVE AND ASSOCIATED SPRINKLERS:
	REMOVED FROM BASE BID PLAN.
15	REMOTE CONTROL VALVE FROM BASE BID:
	ADD FILTER AND REGULATOR TO BASE BID VALVE.

LANDSCAPE IRRIGATION KEYED NOTES- CON'T	
16	BASE BID SPRINKLERS AND ASSOCIATED PIPING:
	REMOVED FROM BASE BID PLAN.
17	REMOTE CONTROL VALVE FROM BASE BID:
	ADD FILTER AND REGULATOR TO BASE BID VALVE.

ADD ALTERNATE IRRIGATION PLAN NOTES:

1. ALL IRRIGATION EQUIPMENT SHOWN SCREENED GRAY IN COLOR IS UNCHANGED FROM THE BASE BID PLAN.
2. ALL IRRIGATION EQUIPMENT SHOWN IN BLACK IS DIFFERENT FROM THE BASE BID PLAN.
3. THERE IS 1 FEWER REMOTE CONTROL VALVE IN THE ADD ALTERNATE PLAN THAN THE BASE BID PLAN.

MWELO REQUIRED STATEMENTS & CERTIFICATION:

1. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
2. A CERTIFICATE OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED BY EITHER THE DESIGNER OF THE LANDSCAPE PLANS, IRRIGATION PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.
3. AN IRRIGATION AUDIT REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION.

MWELO IRRIGATION DESIGN PLAN REQUIRED NOTES:

1. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
2. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.

"I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE.

SIGNATURE DATE

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLANS."

0 5' 10' 20'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
109 W. UNIONAVE.
FULLERTON, CA 92832
TEL 714.871.3095
www.migcom.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

ADD ALT IRRIGATION PLAN

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4

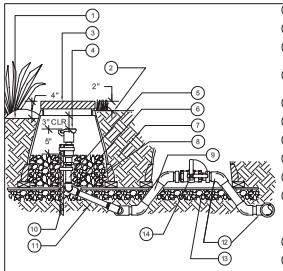
STAMP

LICENSED LANDSCAPE ARCHITECT
JOHN R. MATHER NO. 2499
2/29/24
6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET

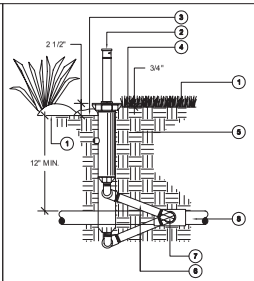
L3.2A



1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. 10" ROUND VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
4. QUICK COUPLER VALVE PER LEGEND AND SPECS.
5. BRASS NIPPLE, TYP.
6. BRASS STREET ELL, TYP.
7. NATIVE SOIL COMPACTED TO
8. 1 CU. FT. 3/8" PEA GRAVEL
9. PRESSURE MAINLINE PER SPECS
10. #4 X 36" REBAR STAKE. SECURE QUICK COUPLER VALVE TO STAKE WITH (2) TWO STAINLESS STEEL CLAMPS
11. BRASS NIPPLE, 10" LENGTH MIN.
12. SCH. 80 PVC MAINLINE TEE OR ELL
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. BRASS BALL VALVE W/ PVC. SCH. 80 MALE ADAPTERS.
15. CONCRETE BRICK SUPPORTS, THREE (3) SPACED EQUALLY ALONG PERIMETER BOTTOM.

NOTES:
1. ALL THREADED FITTINGS MUST HAVE 3/4" TEFLON TAPE.
2. ALL BRASS PIPE TO BE YELLOW BRASS.
3. MINIMUM LINE SIZE SUPPLYING A QUICK COUPLER MUST BE 1-1/2"
4. QUICK COUPLERS MUST BE NO MORE THAN 200' O.C. APART. LOCATE AT RCV MANIFOLDS WHEN POSSIBLE.
5. REFER TO DETAIL # FOR ALL ISOLATION BALL VALVE REQUIREMENTS.

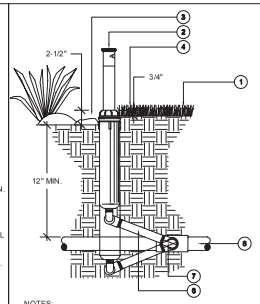
4 QUICK COUPLER VALVE — Scale: N.T.S



1. FINISH GRADE
2. POP-UP SPRINKLER HEAD., PER IRRIGATION EQUIPMENT LEGEND AND SPECS.
3. INSTALL HEAD 2-1/2" ABOVE FINISH GRADE AT SHRUB AND GROUND-COVER AREAS.
4. INSTALL HEAD 3/4" ABOVE FINISH GRADE AT TURF AREAS.
5. NATIVE SOIL COMPACTED TO ORIGINAL DENSITY AROUND HEAD.
6. TRIPLE SWING JOINT ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. 8" MIN. LENGTH FOR 6" POP-UP AND 12" MIN. LENGTH FOR 12" POP-UP. SEE SPECS.
7. SCH. 40 PVC FITTING. SxSxT (TEE) OR SxT(ELL) AS REQUIRED, LATERAL X SPRINKLER INLET SIZE.
8. PVC NON-PRESSURE LATERAL LINE. SEE SPECS.

NOTES:
1. USE ¾" TEFLON TAPE WHERE ELL MEETS TEE/ELL.
2. INSTALL HEADS PERPENDICULARLY PLUMB TO ADJACENT GRADE.
3. ADJUST NOZZLES/HEAD TO PREVENT OVERSPRAY ONTO PAVING, WALLS/FENCES, BUILDINGS, ETC.
4. INSTALL HEADS 4" FROM ALL HARDSCAPE EDGES.
5. INSTALL HEADS 6" FROM WALLS/ FENCES.

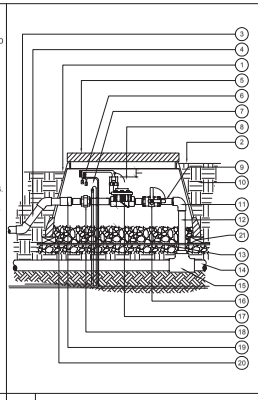
3 POP-UP SPRINKLER — Scale: N.T.S.



1. FINISH GRADE
2. POP-UP ROTOR HEAD, PER IRRIGATION EQUIPMENT LEGEND AND SPECS.
3. INSTALL HEAD 2-1/2" ABOVE FINISH GRADE AT SHRUB AND GROUND-COVER AREAS.
4. INSTALL HEAD 3/4" ABOVE FINISH GRADE AT TURF AREAS.
5. NATIVE SOIL COMPACTED TO ORIGINAL DENSITY AROUND HEAD.
6. TRIPLE SWING JOINT ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. 12" MIN. LENGTH FOR 12" POP-UP. SEE SPECS.
7. SCH. 40 PVC FITTING. SxSxT (TEE) OR SxT(ELL) AS REQUIRED, LATERAL X SPRINKLER INLET SIZE.
8. PVC NON-PRESSURE LATERAL LINE. SEE SPECS.

NOTES:
1. USE 3/4" TEFLON TAPE WHERE ELL MEETS TEE/ELL.
2. INSTALL HEADS PERPENDICULARLY PLUMB TO ADJACENT GRADE.
3. ADJUST NOZZLES/HEAD TO PREVENT OVERSPRAY ONTO PAVING, WALLS/FENCES, BUILDINGS, ETC.
4. INSTALL HEADS 4" FROM ALL HARDSCAPE EDGES.
5. INSTALL HEADS 6" FROM WALLS/ FENCES.

2 POP-UP ROTOR — Scale: N.T.S.

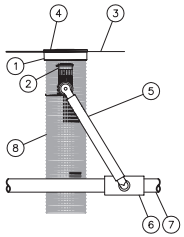


1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC MAINLINE. USE PVC SCH. 40 45° ELL TO DEPTH PER SPECS.
4. LATERAL PIPE, PER SPECS.
5. RECTANGULAR VALVE BOX
6. CONTROL WIRING PER SPECS.
7. EXTRA WIRE PER SPECS.
8. TAG. SEE SPECS.
9. SCH. 80 NIPPLE (4X PER VALVE)
10. NATIVE SOIL COMPACTED
11. SLIP X FT SCH. 80 PVC ELL
12. SCH. 80 PVC CUT TO LENGTH
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. PRESSURE MAINLINE, PER SPECS.
15. SCH. 80 MAINLINE FITTING
16. VALVE SIZE BRASS BALL VALVE. OMIT WHEN USED ON MANIFOLD.
17. REMOTE CONTROL VALVE
18. SCH. 80 UNION
19. SCH. 80 FEMALE ADAPTER
20. 3 CU. FT. 3/4" PEA GRAVEL
21. BRICK SUPPORTS, TYP. OF 4

1 REMOTE CONTROL VALVE — Scale: N.T.S.

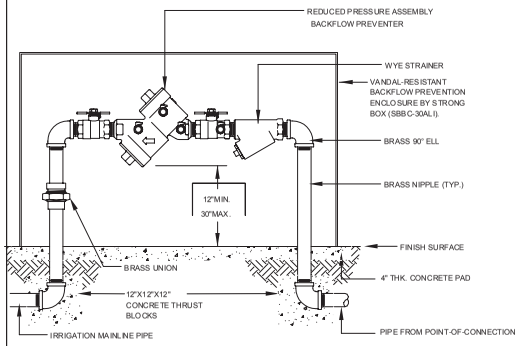
LEGEND:

1. SUPPLEMENTAL ROOT WATERING SYSTEM: RAIN BIRD RWS-B-C-1402 (INCLUDES 36" TUBE, .5 GPM BUBBLER, 4" RETAINING CAP AND LOCKING GRATE, 1/2" (15/21) SWING ASSEMBLY.
2. BUBBLER: RAIN BIRD 1402, .5 GPM (INCLUDED)
3. FINISH GRADE/TOP OF MULCH
4. 4" LOCKING DRAIN CAP (INCLUDED)
5. 1/2" SWING ASSEMBLY: RAIN BIRD SA-125050 (INCLUDED)
6. PVC SCH 40 TEE OR ELBOW
7. PVC LATERAL PIPE
8. 4" WIDE X 36" LONG RIGID BASKET WEAVE CANISTER (INCLUDED)



NOTES:
1. INSTALL PRODUCT SO THAT THE LID IS EVEN WITH FINISH GRADE OR TOP OF MULCH.
2. ONCE RWS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE REPLACING LID.

6 TREE ROOT WATERING SYSTEM — Scale: N.T.S.



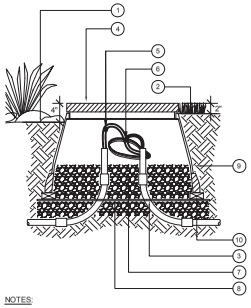
NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

2. APPROVED TEFLON TAPE- 3/4" WIDE SHALL BE USED ON ALL THREADED CONNECTIONS.

3. ALL PIPE AND FITTINGS SHALL BE BRASS OR AS NOTED.

4. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SHALL BE PLACED IN A VANDAL- RESISTANT LOCKING ENCLOSURE. SIZE AS REQ. CONFIRM FINAL LOCATION WITH CITY.

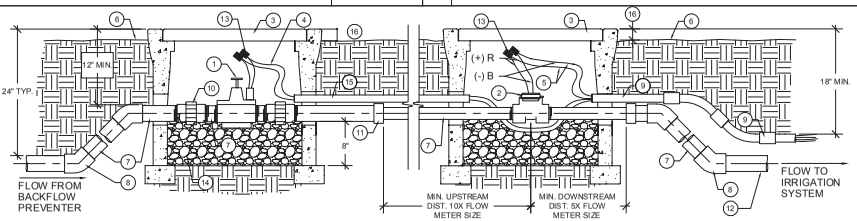
5 BACKFLOW DEVICE — Scale: N.T.S.



1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC SCH. 40 ELECTRICAL CONDUIT AND SWEEPS TO DEPTH PER SPECS.
4. RECTANGULAR VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
5. APPROVED WIRE CONNECTOR (IF APPLICABLE)
6. 36" EXPANSION COIL
7. 3 CU. FT. 3/8" PEA GRAVEL
8. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
9. NATIVE SOIL COMPACTED TO
10. (4) CONCRETE BRICK SUPPORTS, ONE AT EACH CORNER

NOTES:
1. ALL WIRING MUST CONFORM TO LOCAL CODES.
2. PROVIDE 36" EXPANSION COILS AT EACH WIRE CONNECTION.
3. PROVIDE 3" CLEARANCE BETWEEN WIRES AND LID.
4. NO WIRE SPLICES ARE ALLOWED WITHOUT OWNER'S REPRESENTATIVE APPROVAL.

8 PULL BOX — Scale: N.T.S.



1. MASTER VALVE: MODEL & SIZE PER PLANS.
2. FLOW SENSOR SIZE AND MODEL PER PLANS.
3. CHRISTY B9 BOX CONC VALVE BOX WITH STEEL CHECKERED LID IN NON-TURF AREA, OR APPROVED EQ. TOP OF LID SHALL BE NON-SKID SURFACE, PERMANENTLY MARKED "MV" FOR MASTER VALVE AND "FS" FOR FLOW SENSOR AS REQ'D. HOLD DOWN BOLTS SHALL BE N99HDB.
4. 2-#14 WIRES, BLUE W/ WHITE COMMON FROM MASTER VALVE TO CONTROLLER.
5. 2-#14 WIRES, BLACK & RED FROM FLOW SENSOR TO CONTROLLER.
6. FINISH GRADE
7. SCH 80 PVC NIPPLE
8. SCH.80 PVC ELL, 45°, TYP.
9. SCH. 40 PVC CONDUIT/COUPLINGS & WIRES TO CONTROLLER, SEE DETAILS.
10. SCH. 80 PVC UNION, TYP.
11. SCH.80 PVC REDUCE COUPLING IF REQUIRED
12. PVC MAINLINE
13. WATERPROOF ELEC CONNECTOR, PER WIRE SPLICING DETAIL
14. 6" - 8" OF PEA GRAVEL IN VALVE BOXES
15. 3/4" SCH 40 PVC SLEEVE
16. SET TOP OF BOX ABOVE FINISH GRADE: 1/2" IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER.

7 FLOW METER / MASTER VALVE — Scale: N.T.S.

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
109 W. UNION AVE.
FULLERTON, CA 92832
TEL 714.871.3050
www.migcorp.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

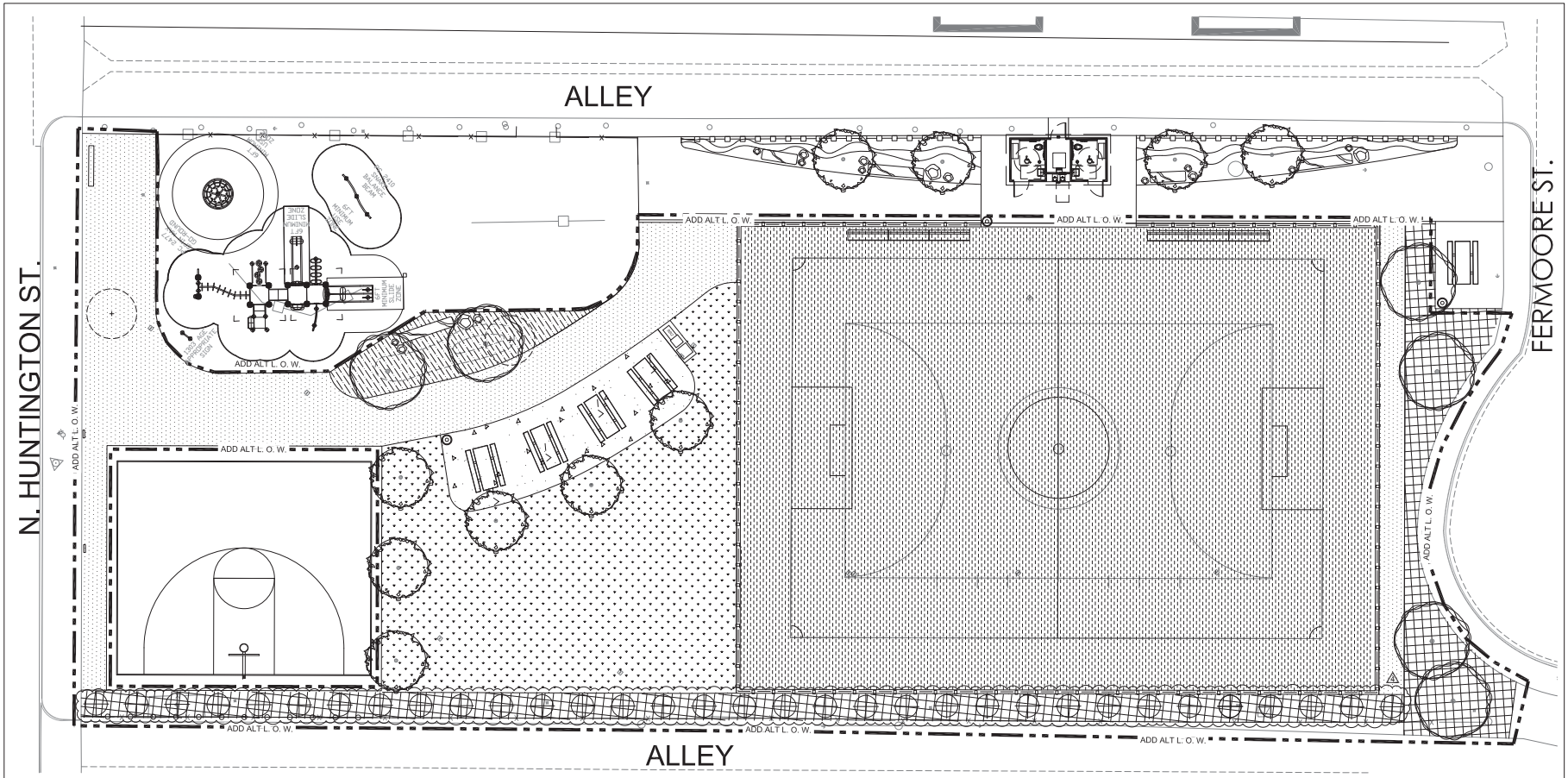
IRRIGATION DETAILS

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4

STAMP
LICENSED LANDSCAPE ARCHITECT
JON R. MATHER NO. 5000
2/29/24
6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
L3.4



PLANTING NOTES:

1. CONTRACTOR SHALL NOTIFY THE CITY OF SITE CONDITIONS WHICH PREVENT INSTALLATION PER PLANS AND SPECIFICATIONS.
2. CONTRACTOR SHALL BE LIABLE FOR REMOVING AND REINSTALLING IRRIGATION EQUIPMENT, AND REPLANTING AREAS WHICH ARE NOT INSTALLED PER PLAN AND SPECIFICATIONS.
3. IRRIGATION SYSTEM SHALL BE INSTALLED PRIOR TO PLANT MATERIALS.
4. TREES AND SHRUBS SHALL BE PLANTED AFTER CONCRETE PLACEMENT, BUT NOT BEFORE IRRIGATION COVERAGE TEST HAS BEEN APPROVED. (SEE SPECIFICATIONS).
5. PLACE TREES BETWEEN IRRIGATION HEADS WHEREVER POSSIBLE.
6. SHREDDED MULCH INSTALLATION. INSTALL SHREDDED MULCH IN ALL SHRUB AND GROUNDCOVER AREAS AT A DEPTH OF 3" UNLESS OTHERWISE INDICATED PLANS.
7. CONTRACTOR IS RESPONSIBLE FOR ALL REPAIRS AND/OR REPLACEMENT OF ANY DAMAGED LANDSCAPE AREAS BEYOND THE LIMIT OF WORK, THAT IS A DIRECT RESULT OF THE LANDSCAPE CONSTRUCTION AND/OR HIS SUB-CONTRACTOR. REPLACEMENT ITEMS SHALL BE EXACT DUPLICATE OF ORIGINAL WORK ON PLANS, UNLESS OTHERWISE APPROVED BY THE CITY AUTHORIZED REPRESENTATIVE.
8. CLEANUP SHALL TAKE PLACE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE CITY'S REPRESENTATIVE.
9. THE PLANTING PLANS ARE ONLY ACCURATE FOR PLANTING LOCATION AND QUANTITIES. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES BY PLAN CHECK. THE PLANTING LEGEND IS ACCURATE ONLY FOR PLANT SIZE.

PLANTING LEGEND:

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TREES:				
	EXISTING TREE TO BE REMOVED. (GRIND STUMP BELOW GRADE)			
	EXISTING TREE, PROTECT IN PLACE DURING CONSTRUCTION.			
	KOELREUTERIA BIPINNATA	CHINESE FLAME TREE	24" BOX	PER PLAN △1
	PLATANUS MEXICANA	MEXICAN SYCAMORE	24" BOX	PER PLAN
SHRUBS:	PITTOSPORUM TENUIFOLIUM 'SILVER SHEEN'	SILVER SHEEN KOHUHU	5 GAL	PER PLAN △1

GROUND COVER:

COMMON AREA TURF	HYBRID BERMUDA	HYDROSEED	PER PLAN
LOW PROFILE WILDFLOWER MIX			*AVAILABLE THROUGH S&S SEEDS (805) 684-0436
HYBRID BERMUDA	TIFTAWY 419	SOD	PER PLAN
MULCH - 3" DEEP			

0 10' 20' 40'

NORTH

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.
FULLERTON, CA 92832
TEL 714.877.4038
www.migcorp.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

ADD ALT PLANTING PLAN

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 △1

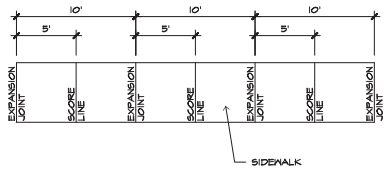
STAMP
LICENSED LANDSCAPE ARCHITECT
JON R. MATHER NO. 4190
Expiration Date 2/29/24
Signature
Date 6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
L4.1

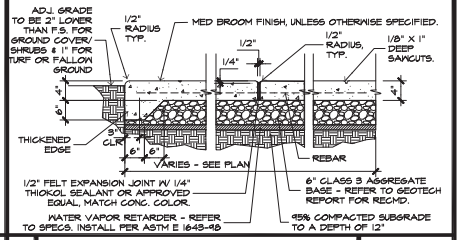
SHEET 26 OF 36 SHEETS

NOTE:
EXPANSION/TRANSVERSE JOINT SHALL BE SPACED EVERY 10' O.C. SCORE LINES SHALL BE SPACED EVERY 5' O.C. UNLESS SHOWN OTHERWISE. A 2% CROSS SLOPE MAXIMUM SHALL OCCUR ON ALL PAVING. SAWCUT JOINTS TO BE 1/8" WIDE X 1" DEEP SAWCUTS. JOINTS TO OCCUR AT ALL CONCRETE RE-ENTRANT CORNERS.



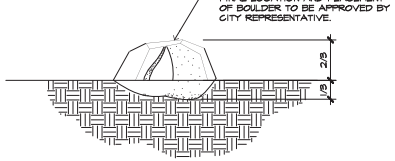
D SCORE LINE / EXPANSION JOINT LAYOUT — NO SCALE

*NOTE:
EXPANSION/TRANSVERSE JOINT SHALL BE SPACED EVERY 10' O.C. SCORE LINES SHALL BE SPACED EVERY 5' O.C. UNLESS SHOWN OTHERWISE. A 2% CROSS SLOPE MAXIMUM SHALL OCCUR ON ALL PAVING. JOINTS TO OCCUR AT ALL CONCRETE RE-ENTRANT CORNERS. APPLY THICKENED EDGE AS REQUIRED PER PLAN. CONCRETE SHALL BE CLASS "A". REFER TO CITY STANDARDS. CONCRETE MIX SHALL BE 520-C-2500 UNLESS OTHERWISE SPECIFIED.

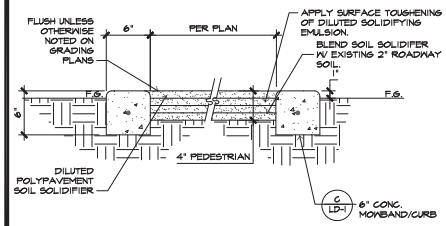


A 4" CONCRETE PAVING — NO SCALE

NOTES:
1. CONTRACTOR SHALL SUBMIT NAME OF SUPPLIER WITHIN 50 MILE RADIUS OF PROJECT SITE AND REPRESENTATIVE PHOTOGRAPHS FOR APPROVAL.
2. BOULDERS SHALL BE INSPECTED AND APPROVED BY CITY REPRESENTATIVE PRIOR TO INSTALLATION.
3. APPLY NON SACRIFICIAL MATTE FINISH ANTI SEAFEIL COATING ON ALL SURFACES.
4. SIERRA SELECT BOULDERS, ROUNDED. USE EVEN MIX OF FOLLOWING SIZES, 2'X2'X2', 3'X3'X3' AND 4'X4'X4'. 4



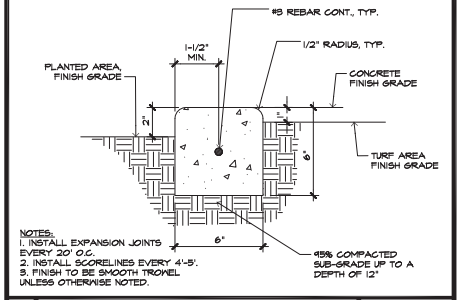
E LANDSCAPE BOULDER — NO SCALE



MFG: GAIL MATERIALS
3/8" CALIFORNIA GOLD OR APPROVED EQUAL
TEL: (951) 667-6106
REFER TO SPECS

NOTES:
1. D.G. SHALL HAVE MAX 2% CROSS SLOPE TO DRAIN.

B STABILIZED DECOMPOSED GRANITE — NO SCALE



NOTES:
1. INSTALL EXPANSION JOINTS EVERY 20' O.C.
2. INSTALL SCORELINES EVERY 4'-5'.
3. FINISH TO BE SMOOTH TROWEL UNLESS OTHERWISE NOTED.

C 6" CONC. MOWBAND — NO SCALE

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.
FULLERTON, CA 92832
TEL 714.871-3038
www.migcorp.com

CONSULTANT:

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

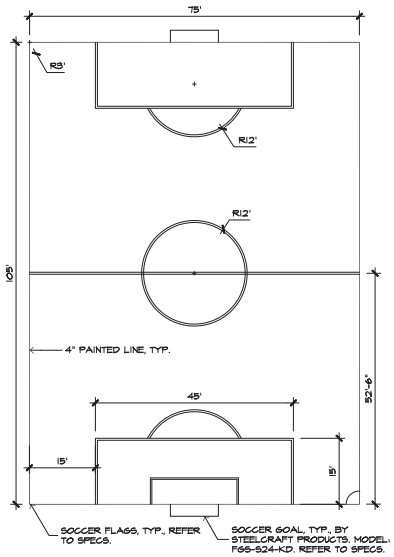
CONSTRUCTION DETAILS

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 4

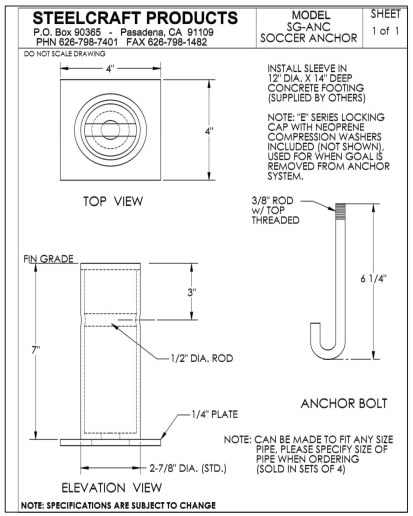
STAMP
LICENSED LANDSCAPE ARCHITECT
JON R. MATHER NO. 5566
2/29/24
EXPIRATION DATE
6/23/22
DATE
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
LD-1



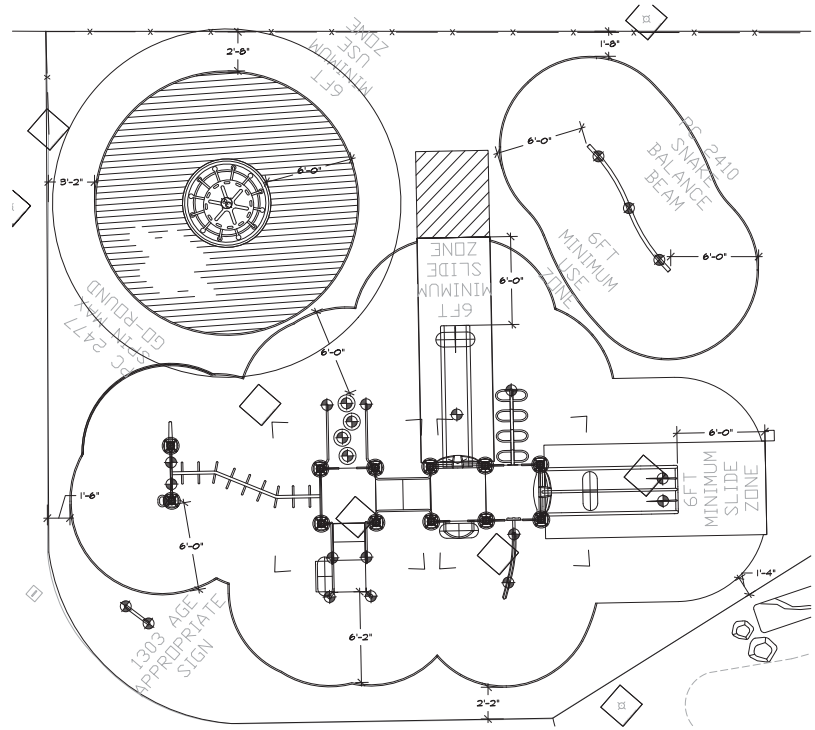
FIELD LAYOUT



SLEEVE INSTALLATION (FOR REFERENCE)

NOTES:
1. LINES DENOTE MAXIMUM FIELD DIMENSION FOR SOCCER FIELD SPACE.
2. PAINT SHALL BE ATHLETIC FIELD MARKING PAINT, NO BURNING OF LINES.
3. CONTRACTOR SHALL SUPPLY (2) GOALS/NETS/ANCHORS.
4. CONTRACTOR SHALL SUPPLY THE CITY OF SAN FERNANDO WITH (2) EXTRA NETS/NET ANCHORS. PROVIDE AS PART OF CLOSE-OUT PROCEDURE.

B | SOCCER FIELD LAYOUT | NO SCALE



NOTES:
1. PLAY AREA FALL ZONES ARE DIAGRAMMATIC AND REQUIRE CONTRACTOR TO VERIFY DIMENSIONS AND ANY OBSTRUCTIONS PRIOR TO INSTALLATION OF EQUIPMENT, SHADE STRUCTURE POLES, AND SURROUNDING ELEMENTS/AMENITIES.
2. PLAYGROUND MANUFACTURER: PACIFIC PLAY SYSTEM, INC., QUOTE #PAC21IBASIB-2.
3. CONTRACTOR SHALL VERIFY ALL PLAY EQUIPMENT FALL HEIGHTS FOR PROPER FALL ZONE THICKNESS. PLAN SHALL BE SUBMITTED FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PLACEMENT OF ANY SUBSURFACE SURFACING.
4. CONTRACTOR TO PROVIDE 1.5" THICK RE-SURFACING OVER ENTIRETY OF EXISTING PLAY AREA SURFACING, APPROXIMATELY 3,750 SQ.FT. CONTRACTOR TO INCLUDE REMOVAL OF PLAYGROUND FOOTINGS AND PROVIDE PATCHING OF EXISTING SURFACING WHERE DAMAGE OCCURS. EXISTING AND NEW FOOTINGS TO BE FILLED WITH SLURRY/CONCRETE. REFER TO MANUFACTURERS QUOTE #PAC21IBASIB-2. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

A | PLAY AREA ENLARGEMENT | NO SCALE

DIGALERT
DIAL TOLL FREE 1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.
FULLERTON, CA 92832
TEL 714.837.0038
www.miginc.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

CONSTRUCTION DETAILS

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 △1

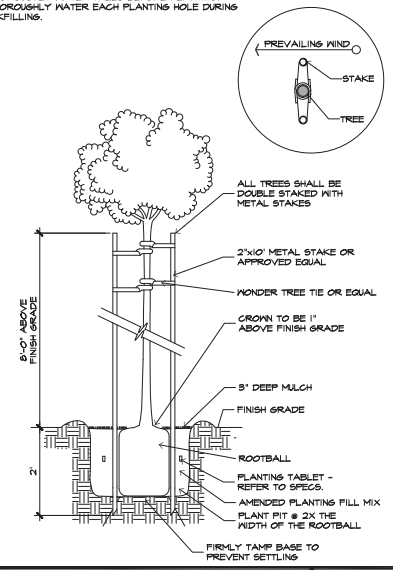
STAMP

(FOR REFERENCE ONLY)

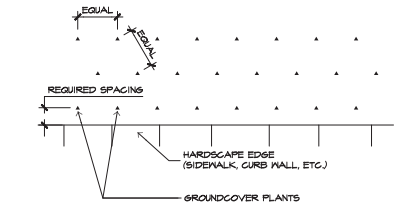
CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
LD-4
SHEET 30 OF 36 SHEETS

NOTE:
1. PLACE TREE STAKES PERPENDICULAR TO PREVAILING WIND.
2. THOROUGHLY WATER TREES BEFORE PLANTING.
3. THOROUGHLY WATER EACH PLANTING HOLE DURING BACKFILLING.

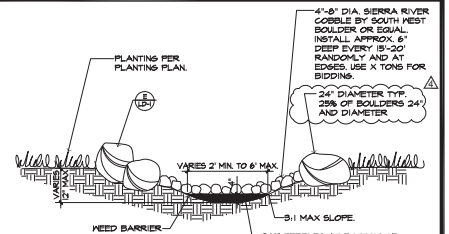


C TREE INSTALLATION NO SCALE



NOTE:
REFER TO PLANTING PLAN FOR REQUIRED SPACING, AND TO SPECIFICATIONS FOR PLANTING METHODS AND MATERIALS.

A GROUNDCOVER INSTALLATION NO SCALE



NOTES:
1. DRY CREEK LAYOUT TO BE STAKED BY CONTRACTOR. SPOTTING AND FINAL LOCATION WILL BE DETERMINED BY CITY IN FIELD.
2. APPLY NON SACRIFICIAL MATTE FINISH ANTI GRAFFITI COATING ON ALL SURFACES.

B DRY CREEK NO SCALE

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE.,
FULLERTON, CA 92832
TEL 714.871.4838
www.migcorp.com

CONSULTANT:

PROJECT TEAM:

LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.

CIVIL ENGINEER
CWE

ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE

CONSTRUCTION DETAILS

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 4

STAMP

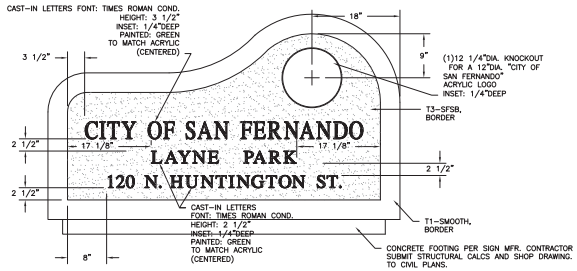
LICENSED LANDSCAPE ARCHITECT
W. R. MATHER NO. 4
2/29/24
Expiration Date
6/23/22
Date
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
LD-5

* INSTALLATION IS REQUIRED BY OTHERS.
* ALL EDGES TO HAVE 1/4" RADIUS MIN.
* MANUFACTURING TOLERANCE ±1/4".
* PRODUCT: Q-5S
* QUANTITY: 1
* CONCRETE COLOR: C12-COLONIAL BRICK
* CONCRETE TEXTURE: SEE BELOW
* SEALER: STANDARD GLOSS SEALER

NOTES:
1. SUBMIT SHOP DRAWINGS FOR APPROVAL.
2. INSTALL SIGN PER MFR RECOMMENDATIONS.
3. SIGN BY QCP. (951) 256-5221 OR EQUAL.
4. CONTRACTOR SHALL SUBMIT ALL NECESSARY STRUCTURAL CALCS WITH SHOP DRAWINGS TO OBTAIN NECESSARY PERMITS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELATED COSTS FOR STRUCTURAL CALCS, SHOP DRAWINGS AND NO FEE PERMIT.



FRONT ELEVATION VIEW

J MONUMENT SIGN (ADD ALT) — NO SCALE

CHAIN LINK FENCE POST SIZE				
POSTS	NOM. DIA.	LBS/ FT.	FOOT'G DEPTH	FOOT'G DIA.
4' LINE	2"	3.66	3'-6"	12"
4' END	2"	3.66	3'-6"	12"
4' CORNER	2"	3.66	3'-6"	12"
6' LINE	2"	3.66	4'-0"	12"
6' END	2"	3.66	4'-0"	12"
6' CORNER	2"	3.66	4'-0"	12"
8' LINE	2"	3.66	4'-0"	16"
8' END	2"	3.66	4'-0"	16"
8' CORNER	2"	3.66	4'-0"	16"
10' LINE	2-1/2"	5.80	4'-4"	16"
10' END	2-1/2"	5.80	4'-4"	16"
10' CORNER	2-1/2"	5.80	4'-4"	16"
TOP, BOTTOM RAIL, HORIZ. BRACE	1 1/4"	2.27	-	-

CHAIN LINK FENCE MATERIAL

CHAIN LINK FABRIC -
1. ALL CHAIN LINK FABRIC EXCEPT AT FUTBOL COURTS AND EXERCISE AREA SHALL BE 2" MESH, 9 GAUGE.
2. ALL CHAIN LINK FABRIC AT FUTBOL COURTS AND EXERCISE AREA TO BE 1" MESH, 8 GAUGE COLOR VINYL COATED. COLOR TO BE DETERMINED BY CITY.
3. FOR BALL FIELD BACK STOP AREAS, USE 2" MESH 8 GA. FOR FIRST 12' HEIGHT OF FENCE AND 20 L.F. EACH SIDE FROM CENTER OF BACKSTOP (40 L.F. TOTAL). USE 2" MESH 9 GA. FOR REMAINING FENCING. SUBMIT PLAN SHOWING LOCATIONS.

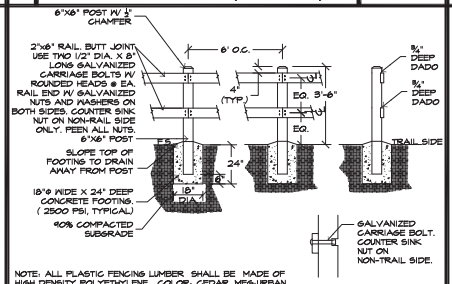
TRUSS RODS - 3/8" DIA. GALV. ROD, BLACK STRETCHER BAR 1/4" X 3/4", BLACK.

NOTES:
1. ALL CHAIN LINK FABRIC TO BE KNUCKLED SELVAGE - TOP AND BOTTOM.
2. ALL CHAIN LINK FENCE SHALL HAVE BOTTOM RAILS.
3. POST DIA. GIVEN AT LEFT, REFER TO STD. NOMINAL PIPE SIZE.
4. ALL POST SHALL BE SPACED AT 8'-0" O.C. MAX.
5. CENTER OIL LINES AS NECESSARY BETWEEN FENCE FOOTINGS. MINIMUM 3' OFFSET.

ABBRV.
COR CORNER
CLF CHAIN LINK FENCE

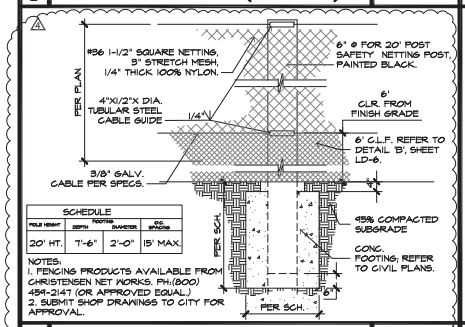
TYPE:
1 - ASTM A653, GRADE B (33 KSI YIELD)
2 - ASTM A36A, GRADE 1A (50KSI YIELD)

D C.L.F. SCHEDULE (ADD ALT) — NO SCALE



NOTE: ALL PLASTIC FENCING LUMBER SHALL BE MADE OF HIGH DENSITY POLYETHYLENE. COLOR: CEDAR. MFG-URBAN DESIGN FENCING. 951-571-5742 OR EQUAL.

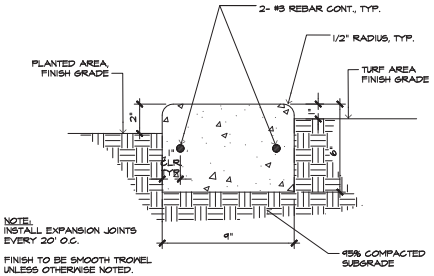
G SPLIT RAIL FENCE (ADD ALT) — NO SCALE



SCHEDULE			
POLE HEIGHT	FOOTING DEPTH	FOOTING DIAMETER	EQ. SPACING
20' HT.	7'-6"	2'-0"	15' MAX.

NOTES:
1. FENCING PRODUCTS AVAILABLE FROM CHRISTENSEN NET WORKS. PH:(800) 454-2147 (OR APPROVED EQUAL.)
2. SUBMIT SHOP DRAWINGS TO CITY FOR APPROVAL.

H SAFETY NETTING POST — NO SCALE

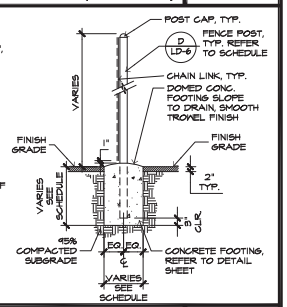


NOTE:
INSTALL EXPANSION JOINTS EVERY 20' O.C.

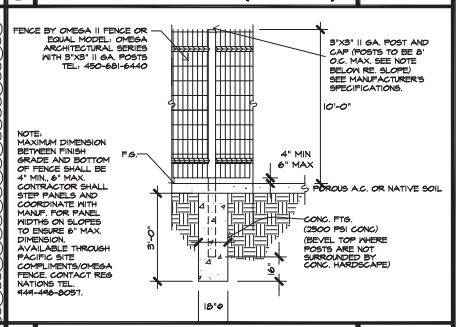
FINISH TO BE SMOOTH TROWEL UNLESS OTHERWISE NOTED.

A 9" CONC. MOWBAND (ADD ALT) — NO SCALE

NOTES:
1. ALL CHAIN LINK FENCE SHALL BE 2" MESH 9 GAUGE. REFER TO NOTES ON DETAIL 'C', SHEET LD-4.
2. ALL CHAIN LINK FABRIC SHALL BE KNUCKLED SALVAGE TOP AND BOTTOM
3. REFER TO CALL OUT PLAN FOR HEIGHT OF FENCE.
4. SEE SCHEDULE (D / LD-6)
5. ALL FENCING SHALL HAVE RAILING AT TOP & BOTTOM. MIDDLE RAIL ALSO REQUIRED IF FENCE EXCEEDS 4' IN HEIGHT.
7. CENTER OIL LINES AS NECESSARY BETWEEN FENCE FOOTING MINIMUM 3' OFFSET.



B CHAIN LINK FENCE (ADD ALT) — NO SCALE



C 10' WIRE MESH FENCE (ADD ALT) — NO SCALE

DIGALERT
DIAL TOLL FREE
1-800-422-4133
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

MIG
100 W. UNION AVE., FULLERTON, CA 92832
TEL 714.871.4839
www.migcorp.com

CONSULTANT:

PROJECT TEAM:
LANDSCAPE ARCHITECT
MOORE IACOFANO GOLTSMAN, INC.
CIVIL ENGINEER
CWE
ELECTRICAL & PLUMBING ENGINEER
INTEGRAL GROUP

LAYNE PARK

120 N. HUNTINGTON ST.
SAN FERNANDO CA, 91340

SHEET TITLE
ADD ALT CONSTRUCTION DETAILS

DATE	REVISION
10-11-21	50% CD SUBMITTAL
1-10-22	95% CD SUBMITTAL
5-2-22	BID SET SUBMITTAL
6-23-22	ADDENDUM #4 4

STAMP
LICENSED LANDSCAPE ARCHITECT
R. E. MATHER NO. 2499
Expiration Date 2/29/24
Renewal Date 6/23/22
STATE OF CALIFORNIA

CHECKED BY	DATE
O.J.	5-2-22
DRAWN BY	JOB NO.
O.J.	05566.00

SHEET
LD-6