



CITY OF CUPERTINO

McCLELLAN RANCH PRESERVE COMMUNITY GARDEN IMPROVEMENTS

22221 McCLELLAN ROAD, CUPERTINO, CA 95014

Project #2017-15



2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

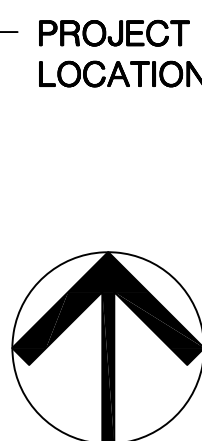
www.callanderassociates.com

VICINITY MAP



SOURCE: 2019 GOOGLE MAPS

N.T.S.

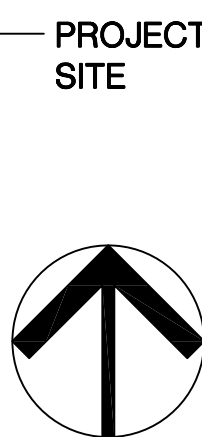


LOCATION MAP



SOURCE: 2019 GOOGLE MAPS

N.T.S.



GENERAL NOTES

1. **COMPOSITE BASE SHEET:** THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM RECORD DOCUMENTS. THIS BASE SHEET INFORMATION IS SHOWN IN HALF TONE ON THE PLANS. THE CITY SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME. IT IS RECOMMENDED THAT PROSPECTIVE BIDDERS VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH EXISTING SITE CONDITIONS AND SITE ACCESS PRIOR TO SUBMITTING A BID.

THE BASE SHEET SOURCE FOR THESE DRAWINGS IS:

A. TOPOGRAPHIC SURVEY, TITLED "TOPOGRAPHIC SURVEY OF COMMUNITY GARDENS AT McCLELLAN RANCH, CUPERTINO, CA", DRAWING NO. A03141-11, PREPARED BY KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS INC., (408) 727-6665, DATED NOVEMBER 2019.

2. **UTILITIES:** PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND REQUESTING A VISUAL VERIFICATION OF THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. MOST UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF THE U.S.A. 2 WORKING DAYS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. HOWEVER, THE CITY CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS.

SCOPE OF WORK

- DEMOLITION:** WORK SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING FENCES, TRELLIS STRUCTURES, AND OTHER MISCELLANEOUS ELEMENTS, AND CLEARING AND GRUBBING THE SITE, AS SHOWN ON DEMOLITION PLAN.
- EARTHWORK AND GRADING:** WORK SHALL GENERALLY INCLUDE, BUT NOT BE LIMITED TO: STRIPPING AND STOCKPILING OF EXISTING TOPSOIL, EXCAVATION, PLACEMENT, COMPACTION AND REGRADING OF SOILS AS NECESSARY TO ACHIEVE A BALANCED SITE AND FINISH GRADES AS SHOWN ON SITE EXCAVATION PLAN AND GRADING AND DRAINAGE PLAN.
- HARDWARE CLOTH:** WORK SHALL INCLUDE INSTALLATION OF HARDWARE CLOTH, AS SHOWN ON SITE EXCAVATION PLAN.
- DECOMPOSED GRANITE PAVEMENT:** WORK SHALL INCLUDE INSTALLATION OF DECOMPOSED GRANITE PAVEMENT, AS SHOWN ON THE MATERIALS PLAN.
- CONCRETE WORK:** WORK SHALL INCLUDE INSTALLATION OF CONCRETE PAVEMENT AT SHEDS AND THRESHOLD AT GATES AS SHOWN ON THE MATERIALS PLAN.
- SHEET MULCH:** WORK SHALL INCLUDE THE INSTALLATION OF SHEET MULCH AS SHOWN ON MATERIALS PLAN.
- SITE FURNISHINGS AND FENCING:** WORK SHALL INCLUDE INSTALLATION OF VARIOUS FENCES AND GATES, IN-GROUND PLANTER EDGING, ADA PLANTER BOXES, SHARED STORAGE SHEDS, COMPOST BINS, ENTRY KIOSK, ENTRY SIGN, BIKE RACK, VARIOUS FURNISHINGS AND OTHER RELATED ELEMENTS AS SHOWN ON MATERIALS PLAN. CONTRACTOR SHALL STAKE RAISED PLANTER LOCATIONS AS SHOWN ON SITE LAYOUT PLAN FOR BASE BID.
- IRRIGATION SYSTEM:** WORK SHALL INCLUDE INSTALLATION OF VALVES, CONTROLLER, SUB-METER, MAINLINE PIPE, HOSE BIBBS, HOSE HANGERS, POT-HOLING, AND POINT OF CONNECTION TO EXISTING SERVICE, AS SHOWN ON IRRIGATION PLAN.
- LANDSCAPE SOIL PREPARATION:** WORK SHALL INCLUDE AMENDMENT INCORPORATION, AND SOIL PLACEMENT OVER ALL IN-GROUND PLANTERS.
- BID ALTERNATES:** WORK FOR BID ALTERNATES SHALL INCLUDE:
 - BID ALTERNATE #1: SHADE STRUCTURE
 - BID ALTERNATE #2: INTERIOR FENCE AND GATE
 - BID ALTERNATE #3: PICNIC TABLES ON CONCRETE PADS
 - BID ALTERNATE #4: HARDWARE CLOTH BENEATH SITE
 - BID ALTERNATE #5: RAISED PLANTER BOXES

SHEET SCHEDULE

| SHEET # | SHEET | SHEET TITLE |
|-------------|--------|--|
| L1.0 | 1 | COVER SHEET |
| L2.0 | 2 | BEST MANAGEMENT PRACTICES |
| L2.1 | 3 | EROSION CONTROL PLAN |
| L2.2 | 4 | EROSION CONTROL DETAILS |
| L3.0 - L3.1 | 5, 6 | DEMOLITION PLAN |
| L4.0 | 7 | SITE EXCAVATION PLAN |
| L4.1 - L4.2 | 8, 9 | GRADING & DRAINAGE PLAN |
| L5.0 - L5.1 | 10, 11 | SITE LAYOUT PLAN |
| L5.2 | 12 | MATERIALS PLAN |
| L6.0 | 13 | IRRIGATION PLAN |
| L7.0 - L7.5 | 14-19 | CONSTRUCTION DETAILS |
| A1.0-A1.2 | 20-22 | APPENDIX: WORK BY CITY (NOT IN CONTRACT) |

PROJECT DIRECTORY

CITY OF CUPERTINO

ALEX ACENAS
PROJECT MANAGER
10300 TORRE AVE.
CUPERTINO, CA 95014
(408) 777-3200

SURVEYOR

KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC.
3350 SCOTT BLVD, BUILDING 22
SANTA CLARA, CA 95054
(408) 727-6665

REVIEWED BY:

MICHAEL ZIMMERMANN,
CAPITAL IMPROVEMENT PROGRAM MANAGER

APPROVED BY:

ROGER LEE,
DIRECTOR OF PUBLIC WORKS

Revisions

▲ Addendum #1 1/9/2020



COVER SHEET
McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

Date 11/26/2019

Scale -

Drawn By LC/MW

Checked MM

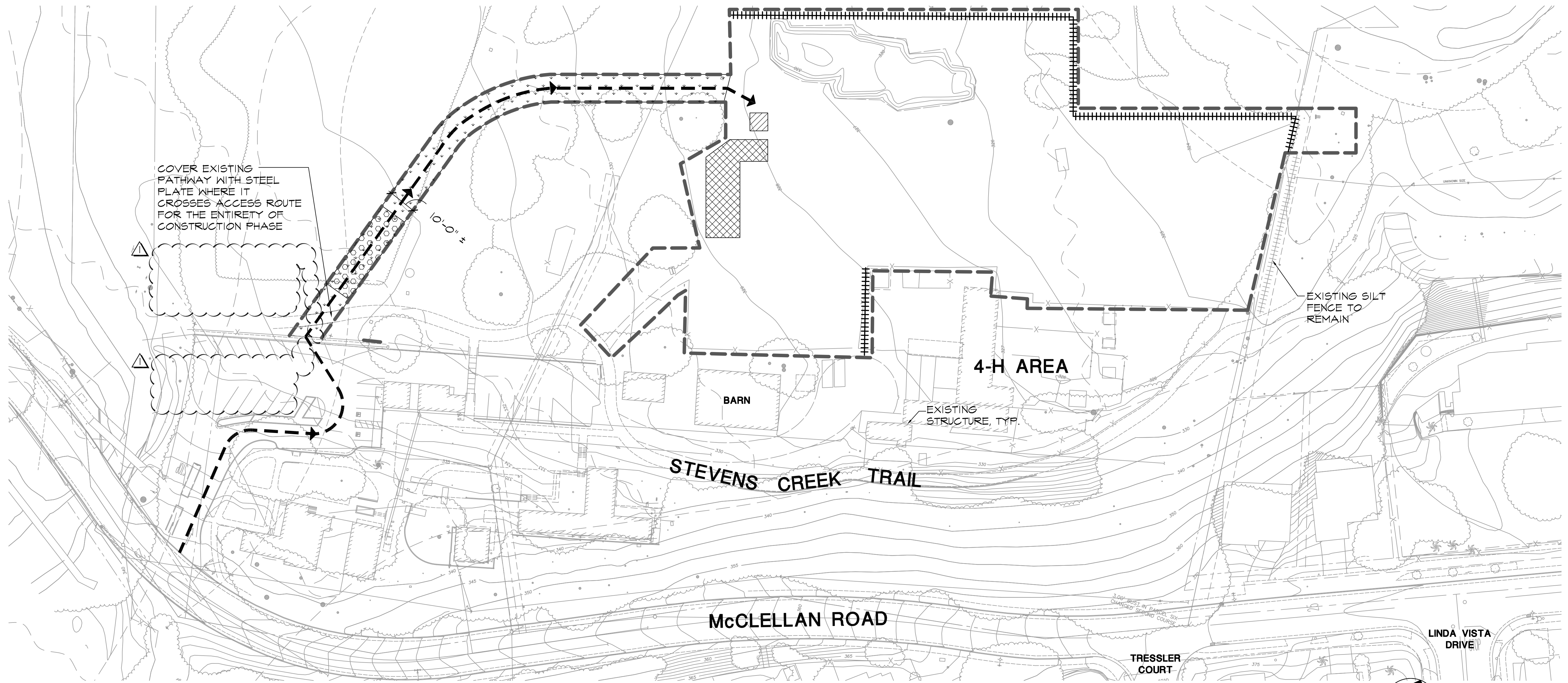
Project No. 18004A

Cadd File 18004cv

Sheet No.

L1.0

1 of 22



COVER EXISTING PATHWAY WITH STEEL PLATE WHERE IT CROSSES ACCESS ROUTE FOR THE ENTIRETY OF CONSTRUCTION PHASE

EXISTING SILT FENCE TO REMAIN

4-H AREA

BARN

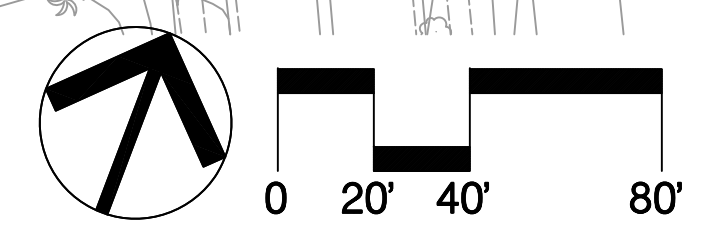
EXISTING STRUCTURE, TYP.

STEVENS CREEK TRAIL

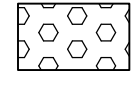
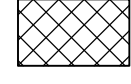
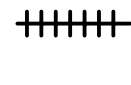

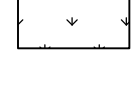


McCLELLAN ROAD

TRESSLER COURT

LINDA VISTA DRIVE



EROSION CONTROL LEGEND

-  STABILIZED CONSTRUCTION ENTRANCE (1/22)
-  SUGGESTED CONSTRUCTION STAGING AREA
-  COMPOST SOCK (2/22)
-  CONCRETE WASHOUT (3/22)
-  SCARIFY (6" TOP SOIL, AND HYDROSEED PER SPECS)
-  ACCESS ROUTE
-  LIMIT OF WORK

EROSION CONTROL NOTES

1. PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FOLLOW THE GUIDELINES FOR THE CURRENT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (CAS000002) AND THE STATE OF CALIFORNIA'S GENERAL PERMIT (ORDER 2009-0009-DWQ), INCLUDING BUT NOT LIMITED TO REQUIREMENTS FOR UPLOADING REQUIRED DATA TO THE STORMWATER MULTI-APPLICATION REPORT TRACKING SYSTEM (SMARTS).
2. APPOINT AN APPROVED QUALIFIED STORMWATER PRACTITIONER (QSP) TO BE ON SITE DURING ALL PERIODS OF CONSTRUCTION. THE QSP IS RESPONSIBLE FOR THE IMPLEMENTATION OF BMP'S AND THE MONITORING AND RECORDING OF EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
3. ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. A RAIN EVENT ACTION PLAN (REAP), AS SPECIFIED IN THE SWPPP, MUST BE IMPLEMENTED TO PROTECT ALL EXPOSED PORTIONS OF THE SITE WITHIN 48 HOURS PRIOR TO ANY LIKELY PRECIPITATION EVENT. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR CONSTRUCTION.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE CITY AND THE QSP.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY DURING PERIODS OF HEAVY USAGE, BI-WEEKLY DURING PERIODS OF NORMAL USAGE AND BEFORE AND AFTER ALL STORM EVENTS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
6. QSP SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPs, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPs OR EROSION AND SEDIMENT CONTROL PLAN. CONTRACTOR IS REQUIRED TO NOTIFY THE QUALIFIED STORMWATER DEVELOPER (QSD) OF ANY CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE SWPPP.
7. INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC EXITING THE WORK LIMITS MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
8. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AT THE END OF EACH WORKING DAY. ALL TRUCK TIRES SHALL BE CLEANED PROPERLY BEFORE LEAVING THE SITE.
9. AFTER UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS-FLOW AT FREQUENT INTERVALS.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INCURRED WITH ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURE, THROUGHOUT THE DURATION OF THE PROJECT.
11. DAMAGED EROSION CONTROL DEVICES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS SOON AS PRACTICAL AFTER THE DAMAGE OCCURS.
12. DURING GRADING OPERATIONS THE SITE SHALL BE WATERED ON A DAILY BASIS TO MINIMIZE THE RELEASE OF DUST AND OTHER PARTICULATE MATTER.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE AND SUBMIT THE ANNUAL COMPLIANCE STATUS REPORT OF THE CONSTRUCTION STORM WATER PERMIT EACH YEAR.
14. UPON COMPLETION OF CONTRACTOR'S WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF STABILIZED CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT. COMPOST SOCKS SHALL REMAIN ON SITE FOR WORK TO BE PERFORMED BY CITY.

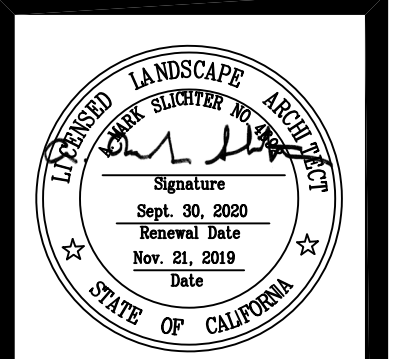
CALA

2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

| | |
|---|----------------------|
| ▲ | Addendum #1 1/9/2020 |
| | |
| | |
| | |



EROSION CONTROL PLAN
McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

| | |
|-------------|------------|
| Date | 11/26/2019 |
| Scale | AS SHOWN |
| Drawn By | LC/MW |
| Checked | MM |
| Project No. | 18004A |
| Cadd File | 18004ec |

Sheet No.
L2.1
3 of 21

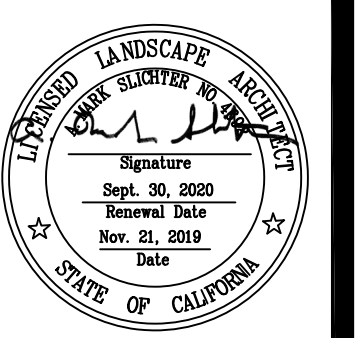


2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

▲ Addendum #1 1/9/2020



DEMOLITION PLAN
MCCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

Date 11/26/2019

Scale AS SHOWN

Drawn By LC/MW

Checked MM

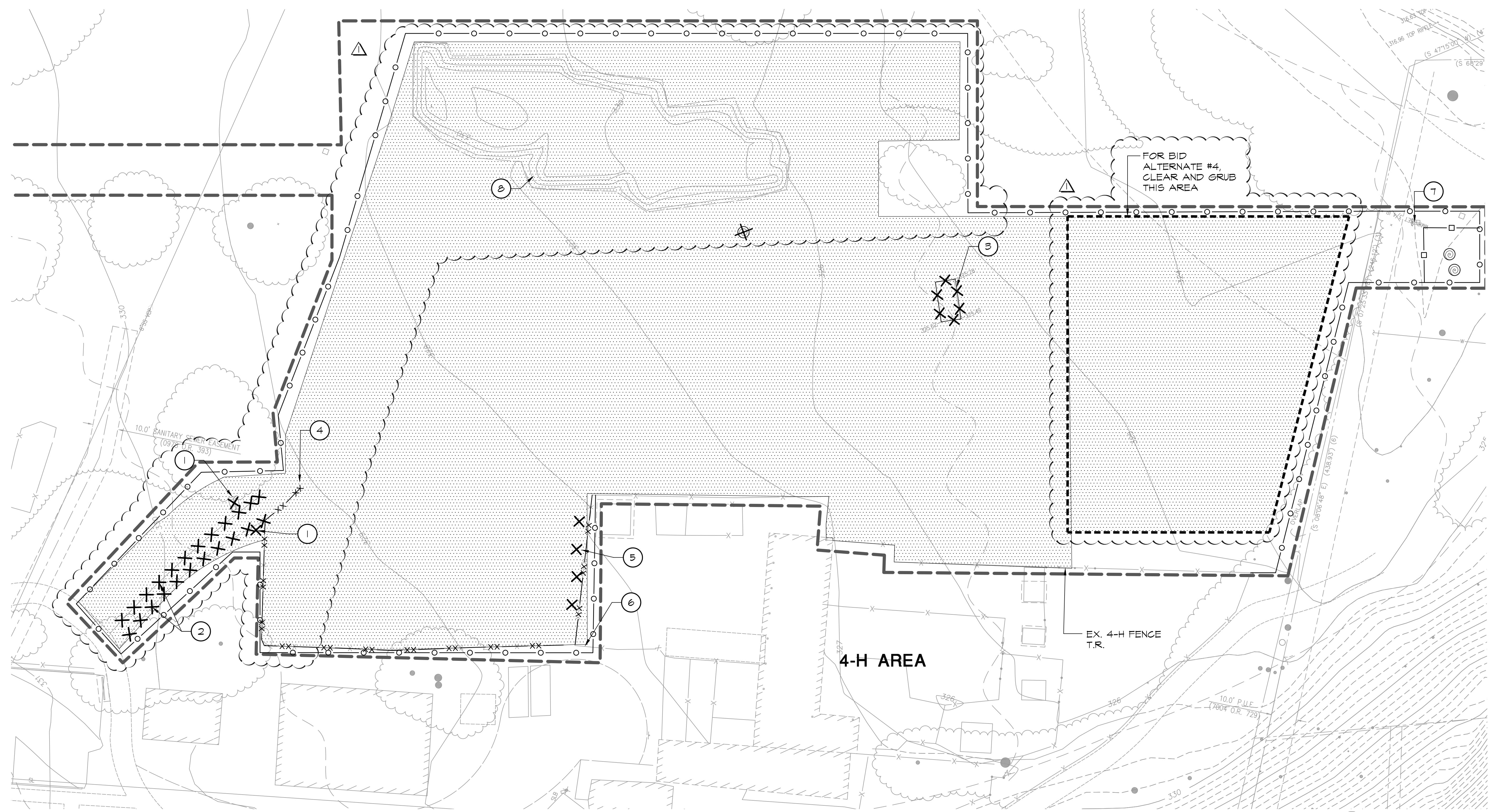
Project No. 18004A

Cadd File 18004dm

Sheet No.

L3.0

5 of 22

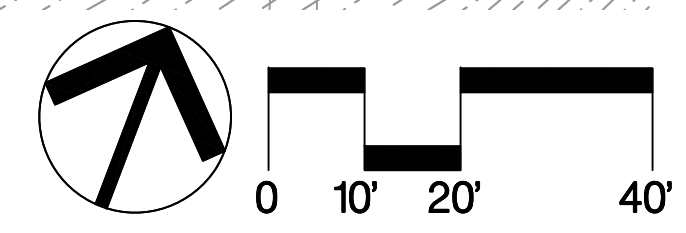


DEMOLITION LEGEND

- CLEAR AND GRUB. SEE SPECIFICATIONS.
- EXISTING PALM TREE TO REMAIN, PROTECT IN PLACE
- EXISTING TREE T.B.R.
- REMOVE ITEM, SEE 'DISPOSITION ITEMS' FOR DISPOSITION
- TEMPORARY CONSTRUCTION FENCING, PER SPECS
- TREE PROTECTION FENCING, SEE DEMOLITION NOTE #2.
- REMOVE AND DISPOSE OF EX. PERIMETER MESH FENCE, 6' TO 8' +/- TALL
- T.R. TO REMAIN
- T.B.R. TO BE REMOVED
- EX. EXISTING
- X EXISTING FENCING T.R.

DISPOSITION ITEMS

- 1 REMOVE AND DISPOSE OF SIGN AND ASSOCIATED FOOTING
- 2 REMOVE AND SALVAGE LOG EDGE 8" DIAMETER OR LARGER, REMOVE AND DISPOSE OF LOGS LESS THAN 8" DIAMETER ALONG ENTRY PATH, CITY TO PLACE LOGS UPON PROJECT COMPLETION.
- 3 REMOVE AND DISPOSE OF SHED STRUCTURE AND ASSOCIATED FOOTINGS
- 4 REMOVE AND SALVAGE ENTRY ARCH. RETURN TO CITY PER SPECS. REMOVE AND DISPOSE OF ASSOCIATED FOOTINGS.
- 5 REMOVE AND DISPOSE OF BULK BINS, TYP. OF 4
- 6 4-H GATE, T.R.
- 7 BALL VALVES, BACK FLOW PREVENTER, AND WATER METER T.R.
- 8 SCREEN EXISTING SOIL STOCKPILE PER SPECS



SEE SHEET L3.1 FOR DEMOLITION NOTES, EXISTING CONDITIONS LEGEND, AND ABBREVIATIONS

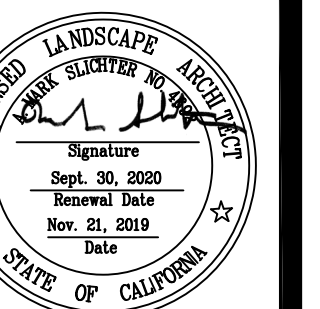


2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

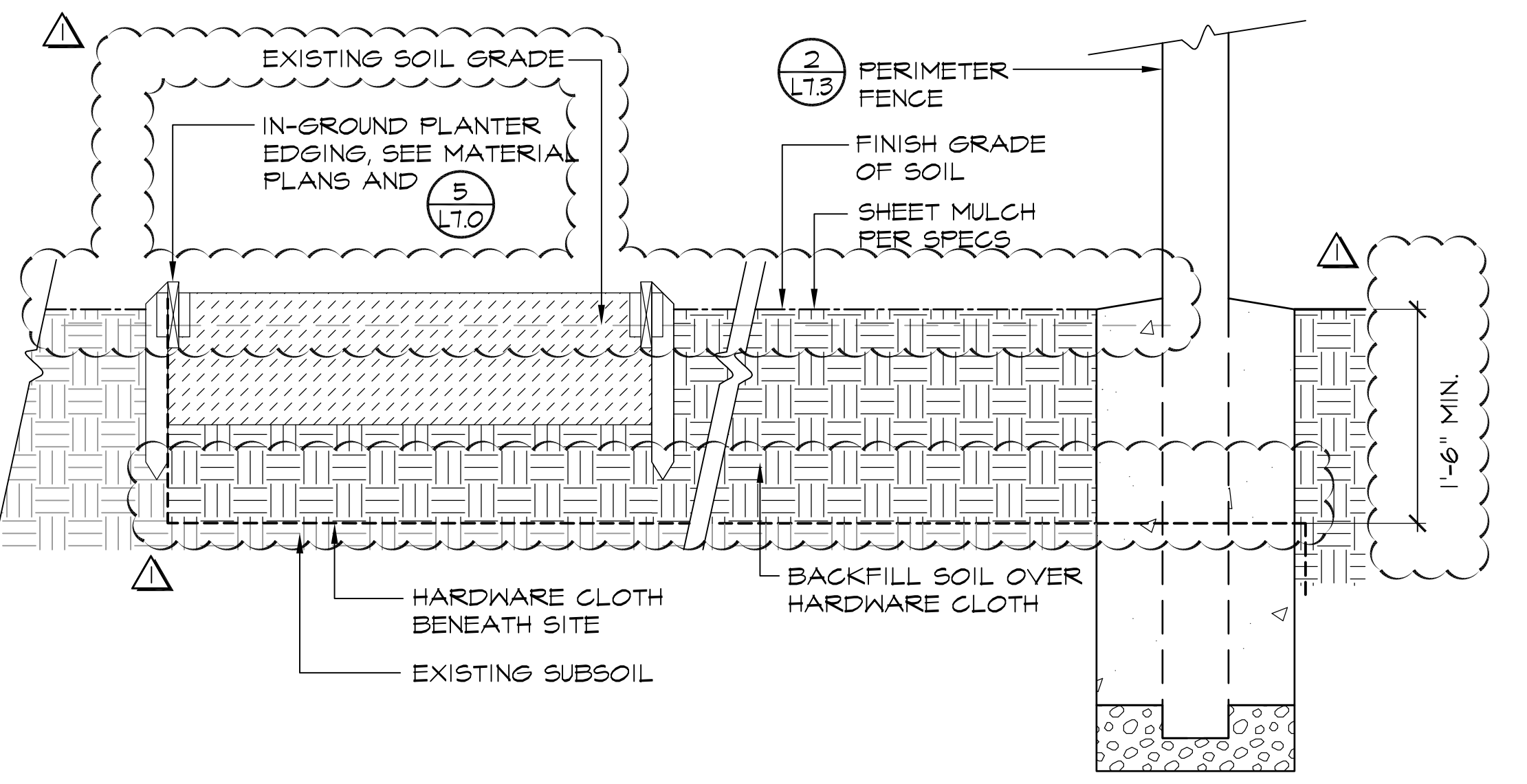
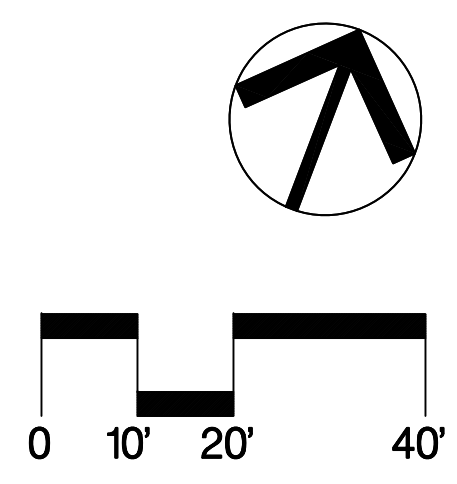
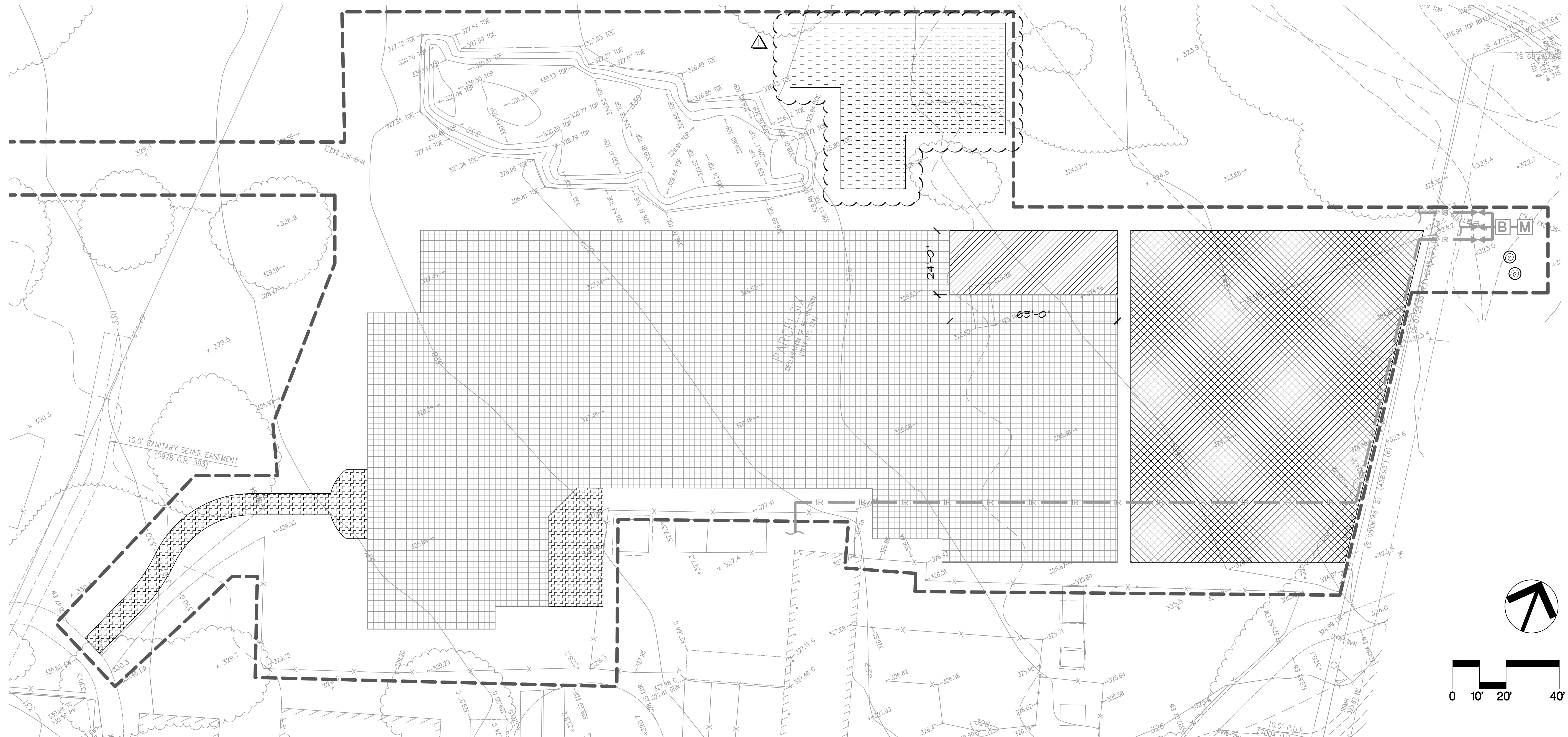
www.callanderassociates.com

Revisions

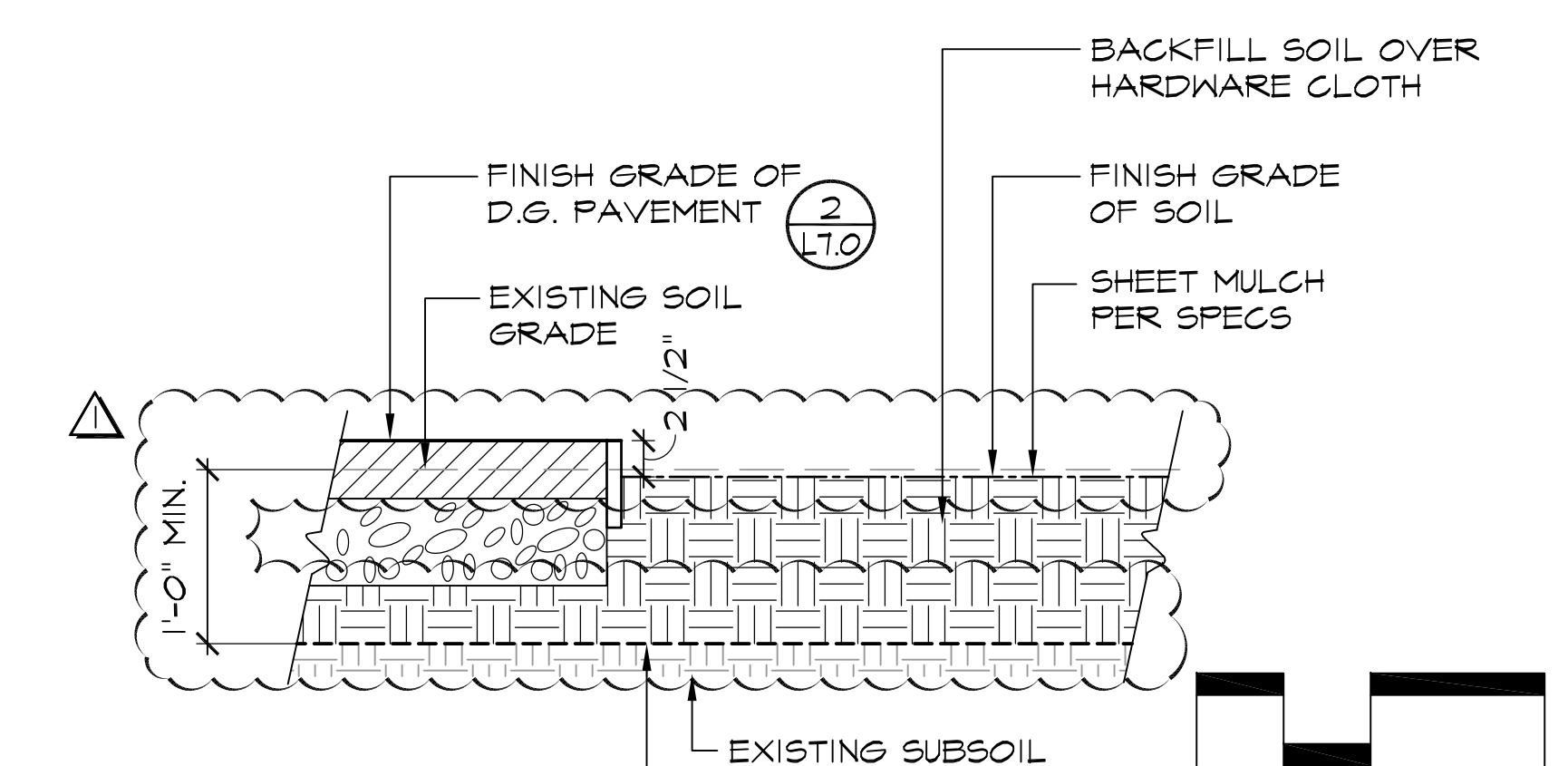
▲ Addendum #1 1/9/2020



SITE EXCAVATION PLAN
McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014



1
L4.0
SOIL EXCAVATION AND BACKFILLING -
BASE BID
SECTION
18004_BaseBidSiteSection_12.dwg



2
L4.0
SOIL EXCAVATION AND BACKFILLING -
BID ALTERNATE #4
SECTION
18004_Al4SiteSection_12.dwg

SITE EXCAVATION LEGEND (BASE BID)

- SOIL EXCAVATION, HARDWARE CLOTH PLACEMENT, AND BACKFILL (1/L4.0)
- SOIL EXCAVATION FOR PAVEMENT (1/L7.0) (2/L7.0)
- NATIVE TOPSOIL STOCKPILING AREA
- EXISTING IRRIGATION MAINLINE, POT HOLE TO CONFIRM LOCATION, SEE SHEET L6.0

SITE EXCAVATION LEGEND (BID ALTERNATES)

- BID ALTERNATE #4:
- SOIL EXCAVATION, HARDWARE CLOTH PLACEMENT, AND BACKFILL (2/L4.0) (6/L7.5)
 - (SUBSOIL) STOCKPILING AREA

SITE EXCAVATION NOTES

1. **EXCAVATION:** EXCAVATE SOIL FROM EXISTING GRADE TO INSTALL HARDWARE CLOTH BENEATH SITE.
2. **SOIL STOCKPILE:** EXCAVATED SOIL SHALL BE STOCKPILED ON SITE AS SHOWN ON PLAN. SUBSOIL AND TOPSOIL SHALL BE STOCKPILED SEPARATELY PER SPECS.
3. **BACKFILL:** UPON COMPLETION OF THE HARDWARE CLOTH INSTALLATION, PLACE EXCAVATED SUBSOIL BACKFILL OVER THE HARDWARE CLOTH AND COMPACT PER SPECS.

| | |
|-------------|------------|
| Date | 11/26/2019 |
| Scale | AS SHOWN |
| Drawn By | LC/MW |
| Checked | MM |
| Project No. | 18004A |
| Cadd File | 18004se |
| Sheet No. | L4.0 |
| | 7 of 21 |



2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

▲ Addendum #1 1/9/2020



GRADING & DRAINAGE PLAN (BASE BID)
MCCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

Date 11/26/2019

Scale AS SHOWN

Drawn By LC/MW

Checked MM

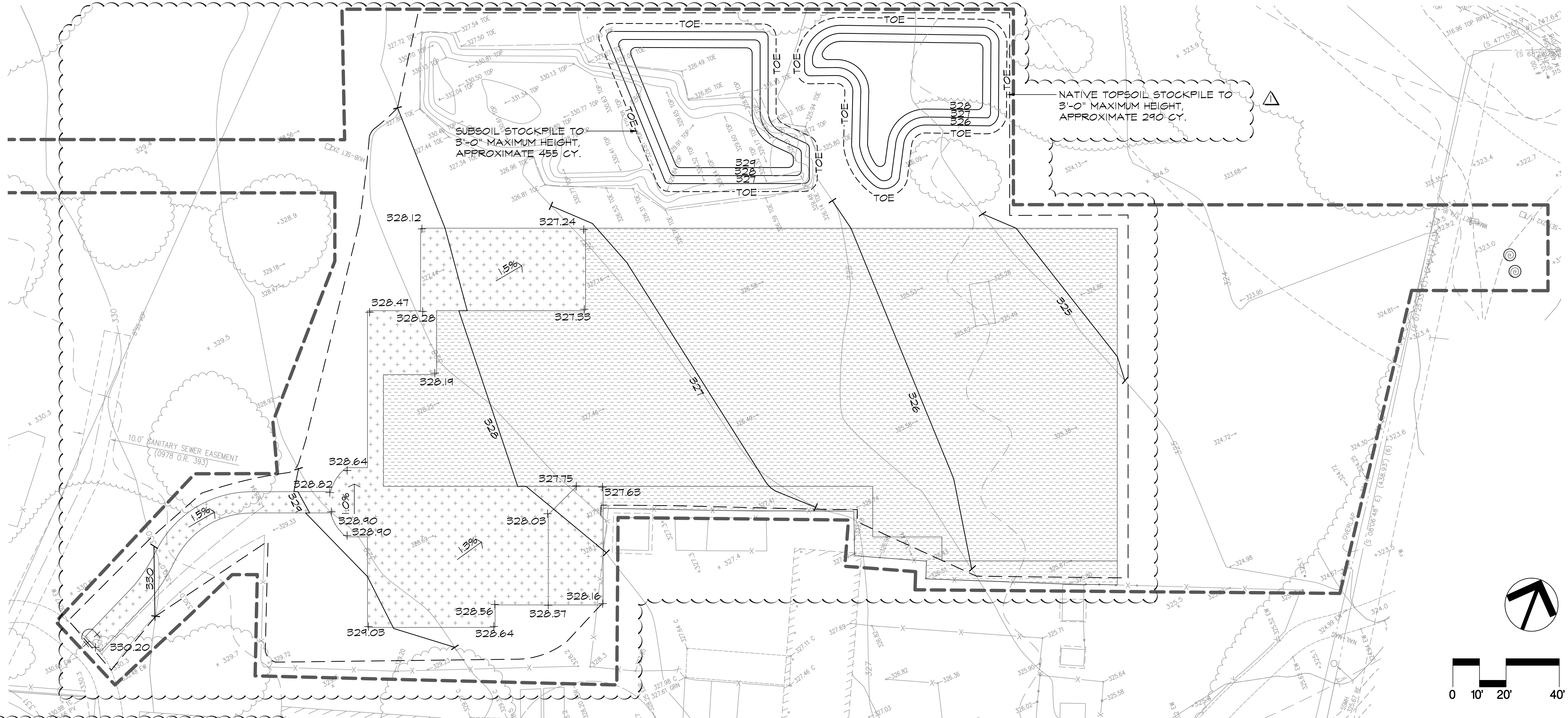
Project No. 18004A

Cadd File 18004gd

Sheet No.

L4.1

8 of 22



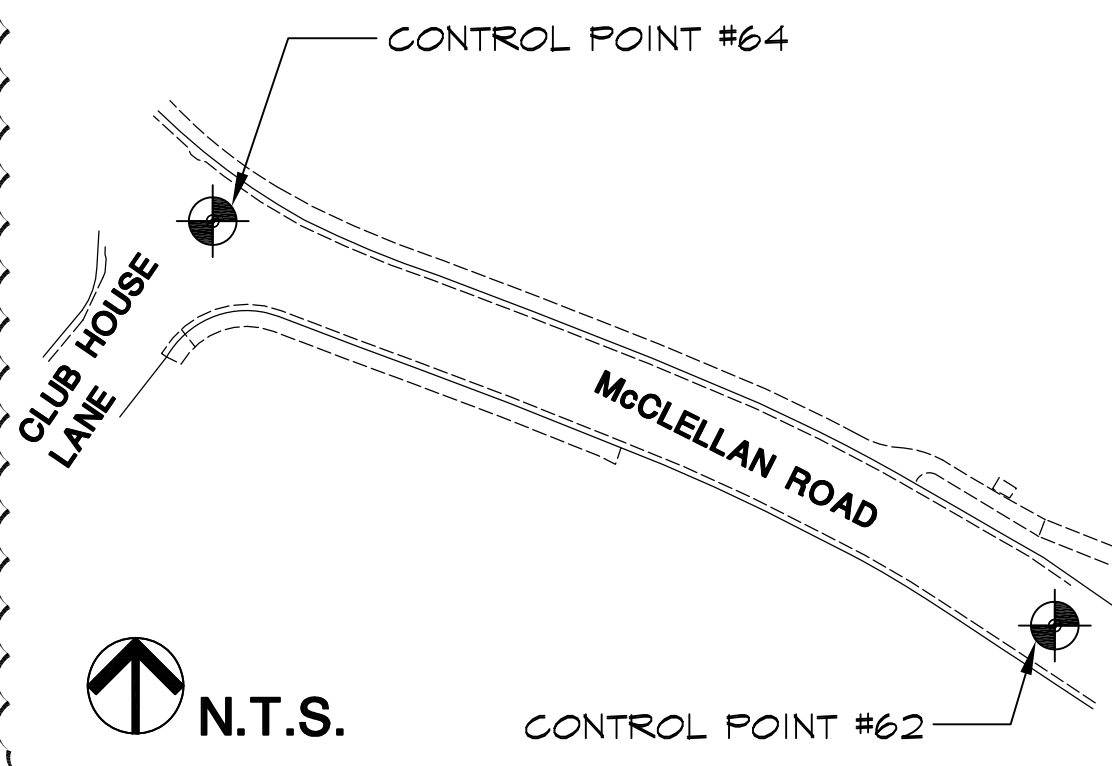
ELEVATION CONTROL POINTS

CONTROL POINT #62: 2" BRASS DISK APPROXIMATELY ON THE CENTERLINE OF MCCLELLAN RANCH ROAD AND THE BRIDGE OVER STEVENS CREEK.

RIM ELEVATION: 339.094' (NAVD88)
BRASS DISK IN WELL: 339.345' (NAVD88)

CONTROL POINT #64: 2" BRASS DISK APPROXIMATELY ON THE CENTERLINE OF MCCLELLAN RANCH ROAD AND CLUB LANE.

RIM ELEVATION: 339.309' (NAVD88)
BRASS DISK IN WELL: 338.403' (NAVD88)



GRADING AND DRAINAGE LEGEND

- 330 PROPOSED CONTOUR AT FINISH GRADE OF DECOMPOSED GRANITE PAVEMENT OR FINISH GRADE OF SOIL ELSEWHERE: 1'-0" INTERVAL TYP. (EXISTING CONTOURS ARE SCREENED ON PLAN).
- X% DIRECTION AND PERCENT SLOPE OF SHEET DRAINAGE
- + FLUSH CONDITION
- +330.20 PROPOSED SPOT ELEVATION (EXISTING SPOT ELEVATIONS ARE SCREENED ON PLAN)
- AREA SUBJECT TO GRADE CONTROL, GRADE PER PLAN
- AREA WITH GRADES THAT CAN BE ADJUSTED BY CONTRACTOR TO ACHIEVE BALANCED SITE. SEE NOTE 2.
- GRADING CONFORM
- TOE TOE OF SOIL STOCKPILE

GRADING AND DRAINAGE NOTES

- 1. GRADING AND DRAINAGE:** ALL PROPOSED PAVING, AND PLANTING AREAS SHALL SMOOTHLY CONFORM TO EXISTING ADJACENT FEATURES TO REMAIN. PROVIDE POSITIVE DRAINAGE ON ALL PAVING AND THROUGHOUT ALL PLANTING AREAS. FLOOD PAVED AREAS UPON COMPLETION AND RECONSTRUCT ANY LOW SPOTS AS DIRECTED.
- 2. BALANCED SITE:** NO IMPORT OR OFFHAUL OF SOIL IS TO BE PERFORMED. CONTOURS SHOWN ARE APPROXIMATE AND ARE INTENDED TO COMMUNICATE GENERAL INTENT AND DRAINAGE PATTERNS. CONTRACTOR SHALL MAINTAIN UNIFORM SLOPE AND ADA ACCESSIBILITY IN AREAS SUBJECT TO GRADE CONTROL AND ADJUST GRADES ELSEWHERE AS NECESSARY TO ACHIEVE BALANCED SITE, AND TO PROVIDE AMENDED SOIL STOCKPILE AND SUBSOIL STOCKPILE FOR CITY TO PLACE AS NOTED.
- 3. CUT AND FILL CALCULATIONS:** CALCULATIONS ARE PROVIDED TO SHOW GENERAL DESIGN INTENT AND SHALL NOT BE USED FOR BIDDING OR CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING HIS/HER OWN GRADING QUANTITIES.
- 4. HAUL ROUTE SCARIFICATION:** SEE EROSION CONTROL PLAN SHEET L2.1.

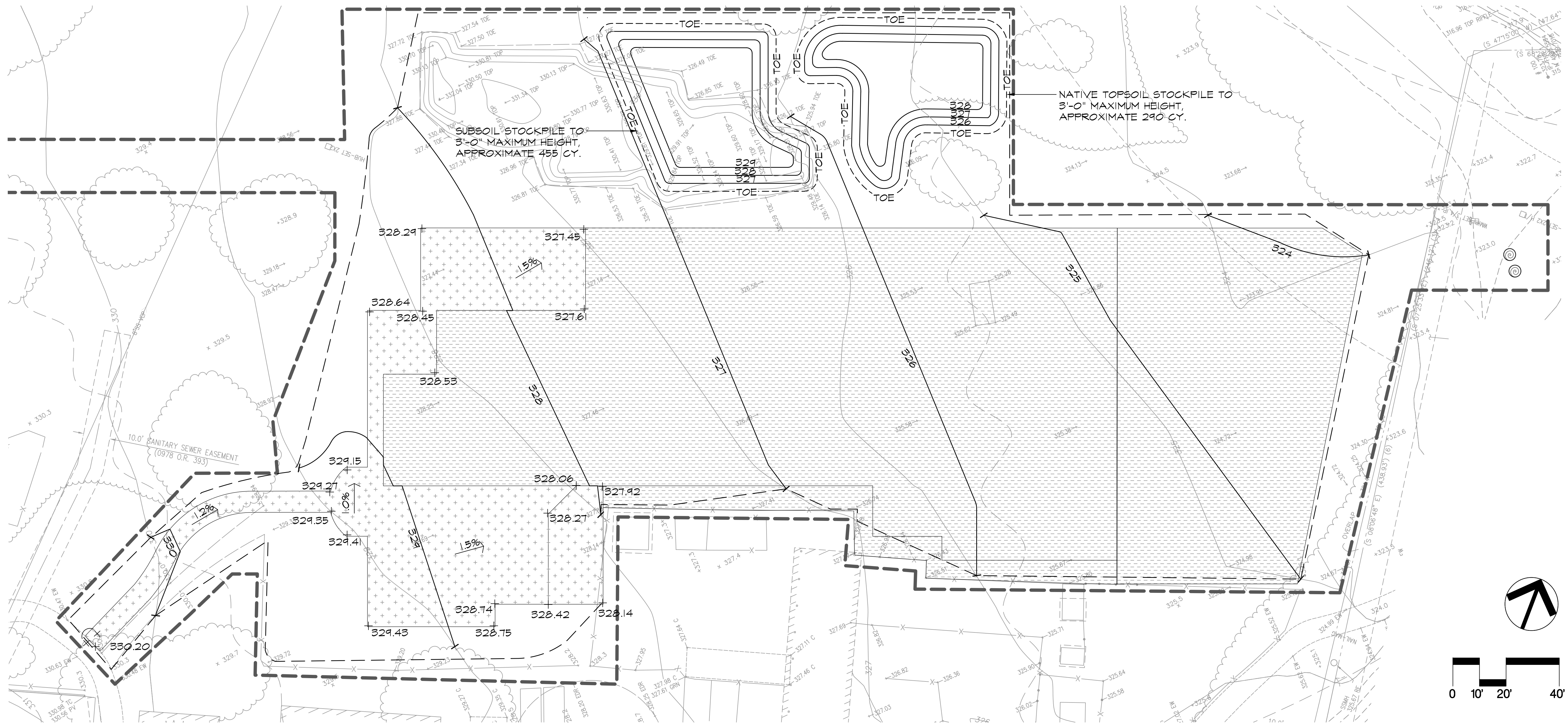
CUT AND FILL CALCULATIONS (FOR REFERENCE ONLY)

SOIL EXCAVATION

| | TOPSOIL (CY) | SUBSOIL (CY) |
|--|--------------|--------------|
| PAVEMENT AREA | 105 | 95 |
| GARDEN AREA (BASE BID) | 500 | - |
| HARDWARE CLOTH BENEATH SITE (BASE BID) | 30 | 70 |
| EXISTING SOIL STOCKPILE | - | 600 |
| SUBTOTAL | 635 | 765 |
| TOTAL SOIL EXCAVATION | 1400 | |

SOIL BACKFILL

| | AMENDED TOPSOIL (CY) | SUBSOIL (CY) |
|--|----------------------|--------------|
| HARDWARE CLOTH BENEATH SITE (BASE BID) | - | 25 |
| ADA RAISED PLANTER | 20 | 40 |
| IN-GROUND PLANTER | 20 | 10 |
| RAISED PLANTER (BID ALTERNATE (#5)) | 350 | 405 |
| AMENDMENT VOLUME (100) | - | - |
| GRADING AND SPREAD SOIL | - | 630 |
| SUBTOTAL | 290 | 1110 |
| TOTAL SOIL BACKFILL | 1400 | |



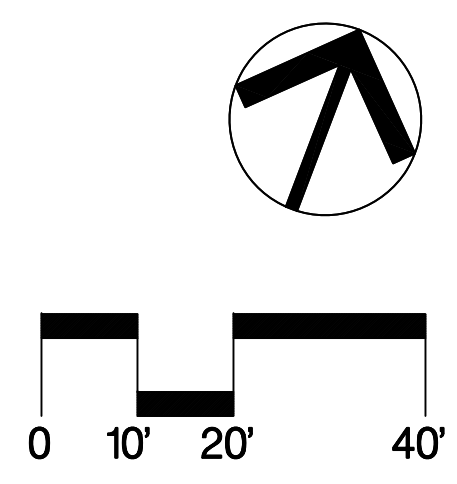
CUT AND FILL CALCULATIONS (FOR REFERENCE ONLY)

SOIL EXCAVATION

| | TOPSOIL (CY) | SUBSOIL (CY) |
|--|--------------|--------------|
| PAVEMENT | 105 | 95 |
| HARDWARE CLOTH BENEATH SITE (BASE BID) | 30 | 70 |
| HARDWARE CLOTH BENEATH SITE (BID ALTERNATE #4) | 510 | 535 |
| EXISTING SOIL STOCKPILE | - | 600 |
| SUBTOTAL | 645 | 1300 |
| TOTAL SOIL EXCAVATION | 1945 | |

SOIL BACKFILL

| | AMENDED TOPSOIL (CY) | SUBSOIL (CY) |
|--|----------------------|--------------|
| HARDWARE CLOTH BENEATH SITE (BASE BID) | - | 25 |
| HARDWARE CLOTH BENEATH SITE (BID ALTERNATE #4) | - | 745 |
| ADA RAISED PLANTER | 20 | 40 |
| IN-GROUND PLANTER | 20 | 10 |
| RAISED PLANTER (BID ALTERNATE #5) | 350 | 405 |
| AMENDMENT VOLUME (100) | - | - |
| SPREAD STOCKPILE SOIL | - | 430 |
| SUBTOTAL | 290 | 1655 |
| TOTAL SOIL BACKFILL | 1945 | |



2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585
www.callanderassociates.com

Revisions

| |
|------------------------|
| ▲ Addendum #1 1/9/2020 |
| |
| |
| |

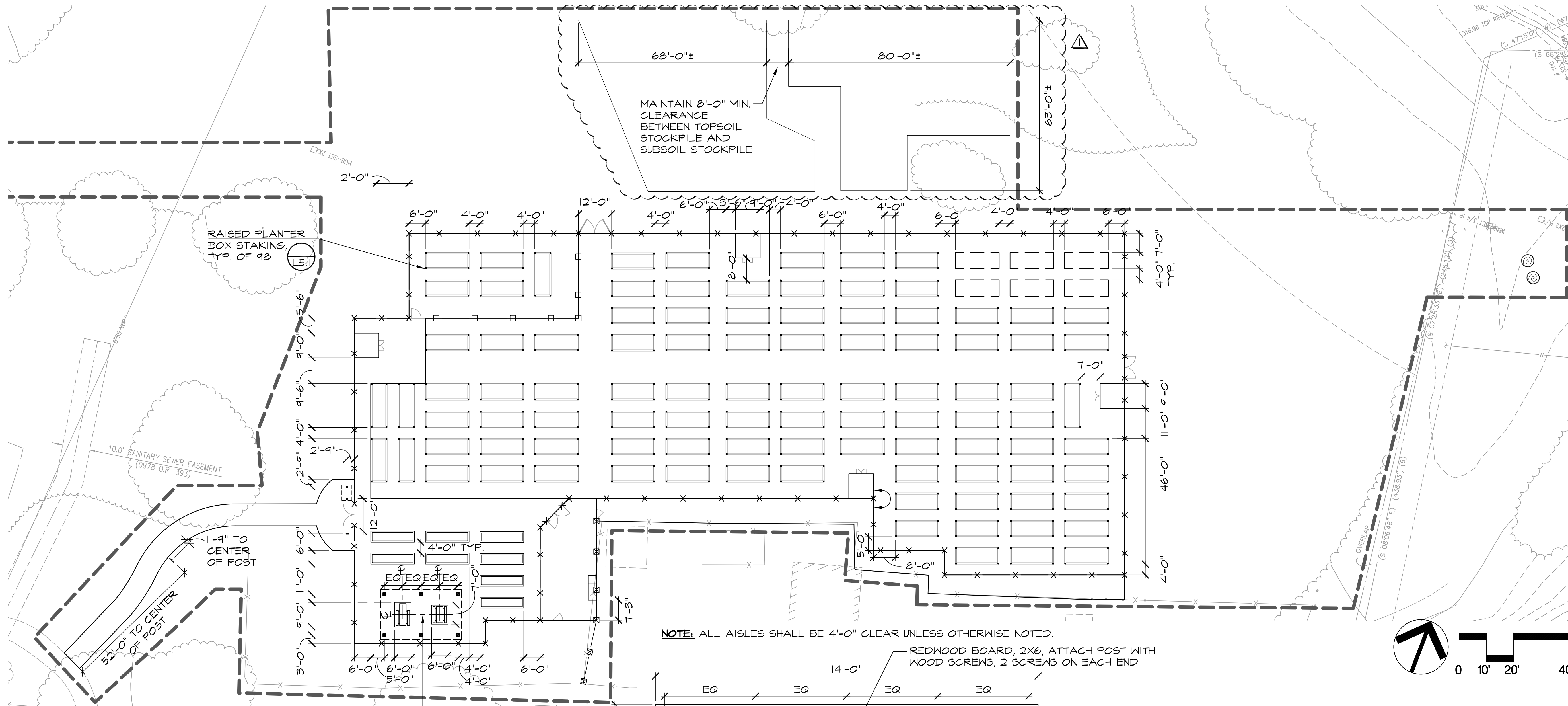


**GRADING & DRAINAGE PLAN
(BID ALTERNATE #4)
McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014**

Date 11/26/2019
Scale AS SHOWN
Drawn By LC/MW
Checked MM
Project No. 18004A
Cadd File 18004gd

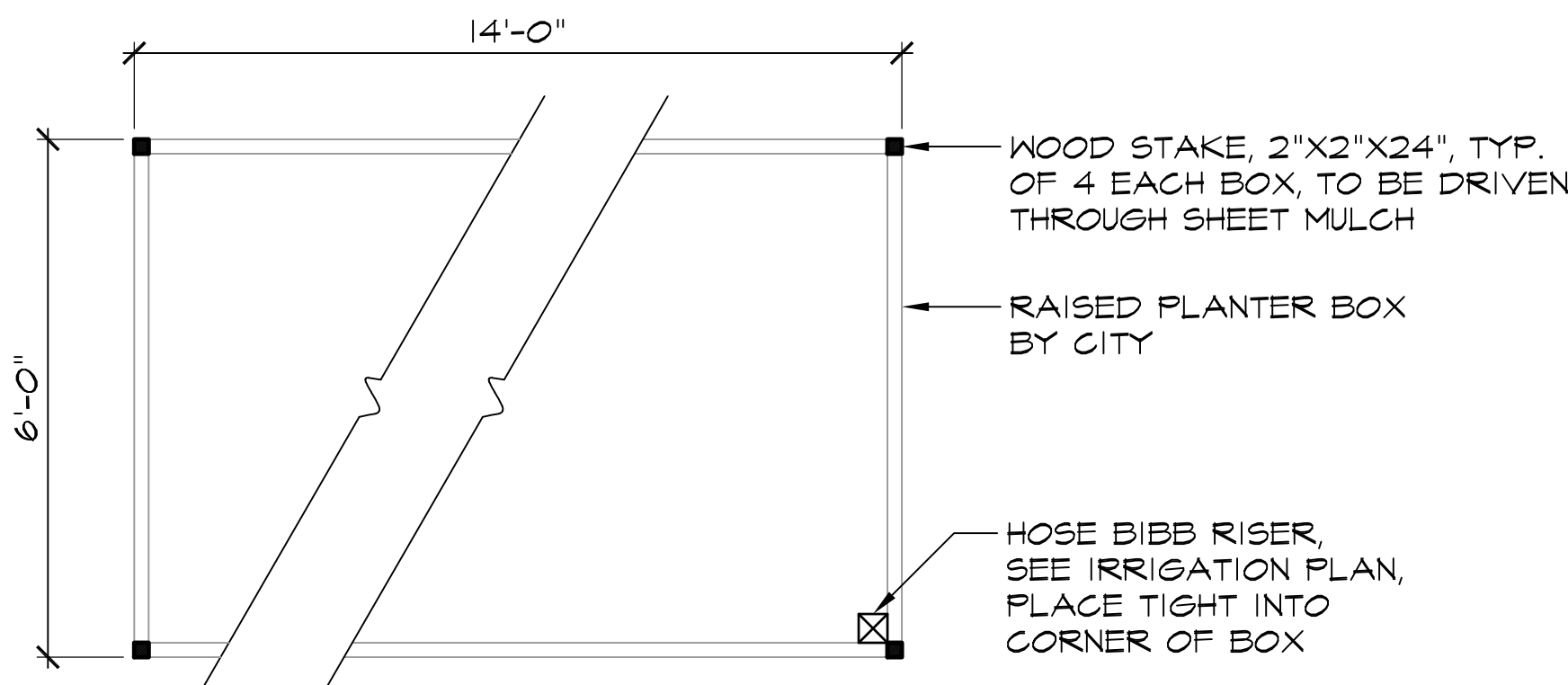
Sheet No. **L4.2**
9 of 22

FOR ELEVATION CONTROL POINTS,
GRADING AND DRAINAGE LEGEND, AND
NOTES SEE SHEET L4.1

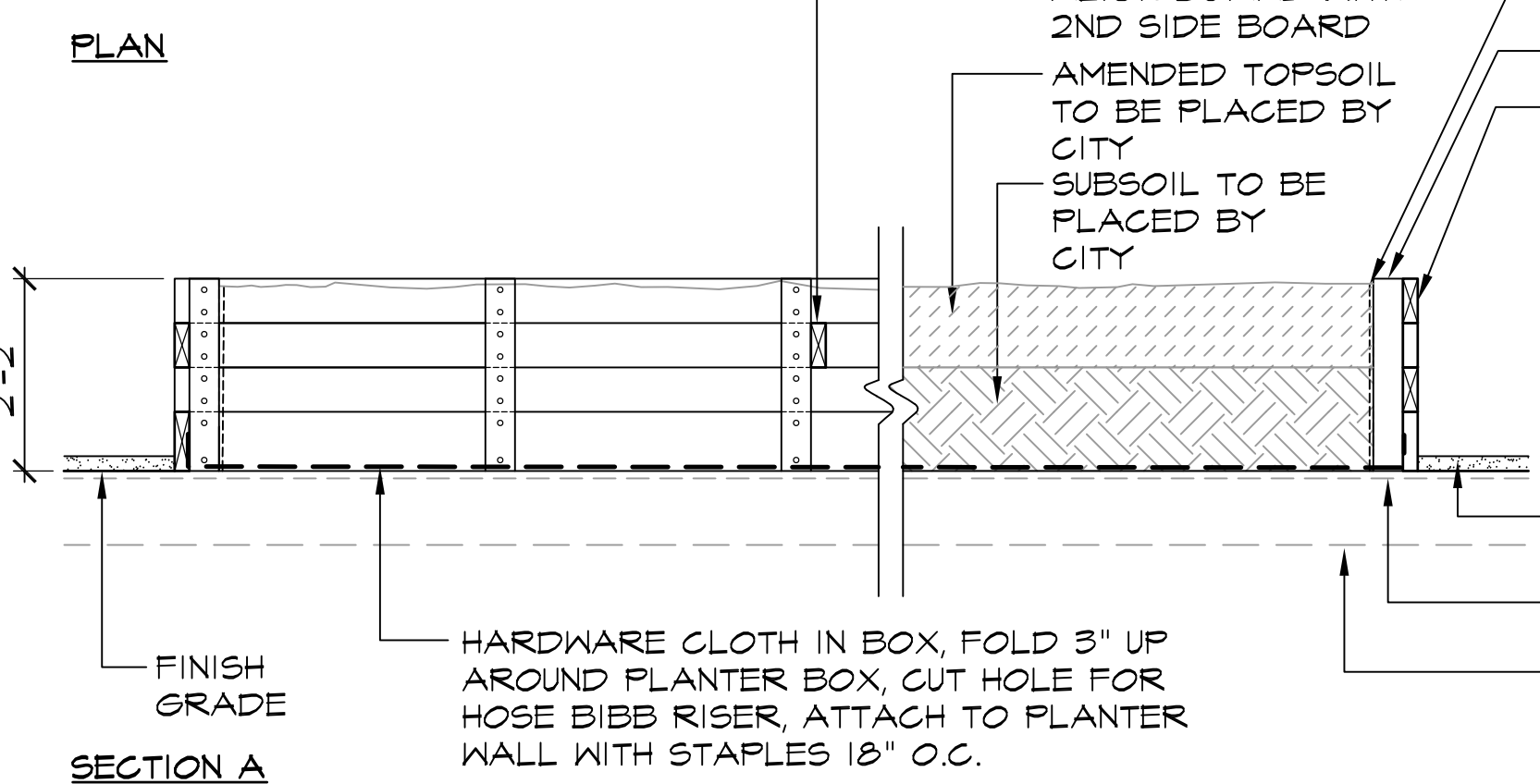
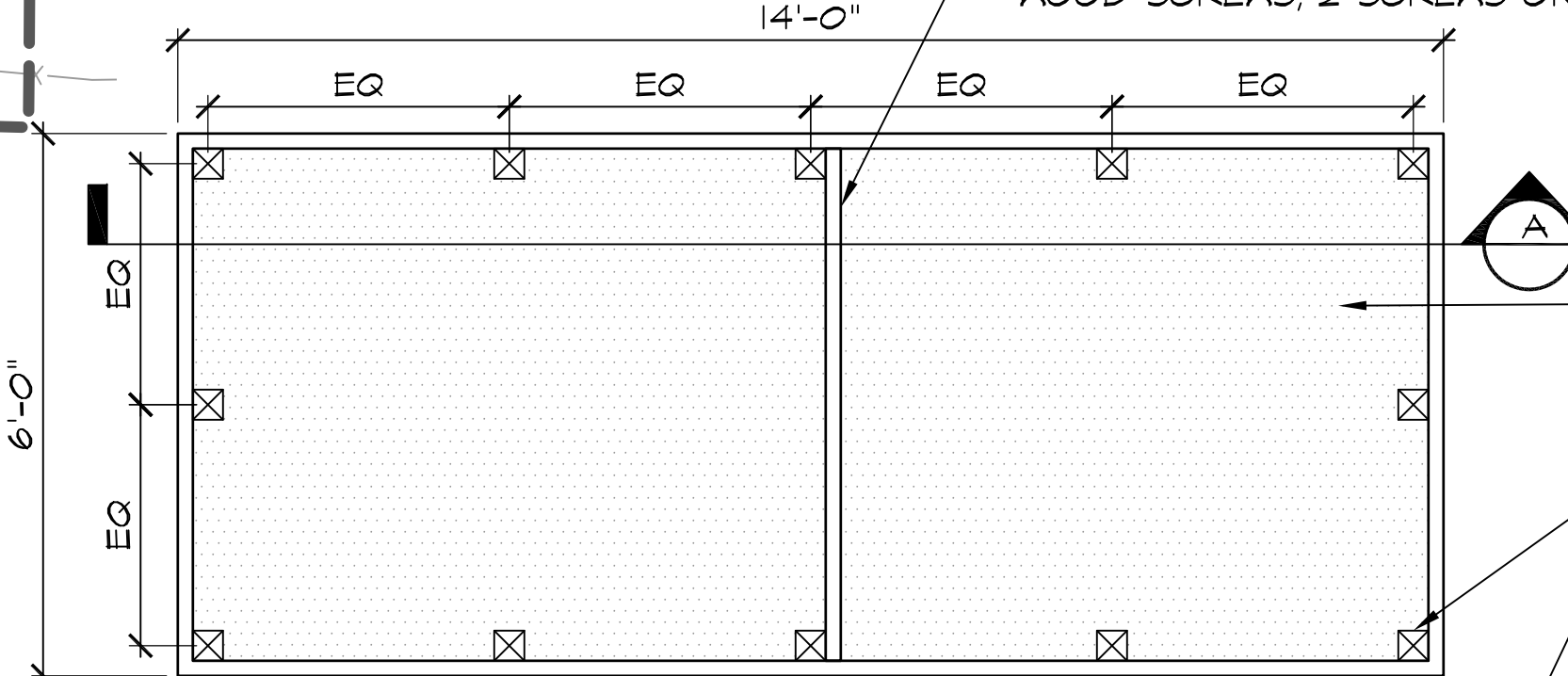
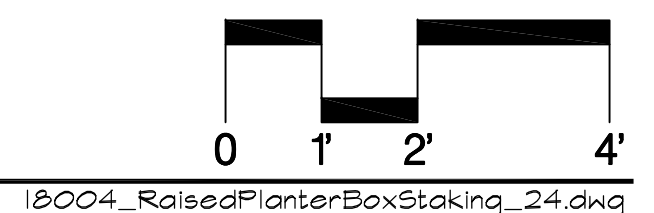


NOTE: ALL AISLES SHALL BE 4'-0" CLEAR UNLESS OTHERWISE NOTED.

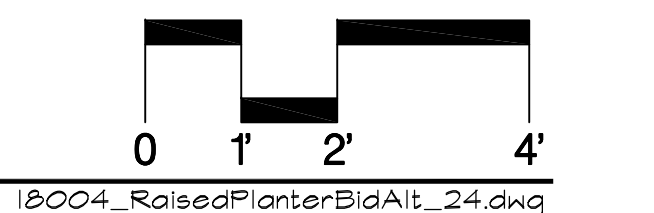
- NOTES:**
- IF BID ALTERNATE #5 IS NOT AWARDED, CONTRACTOR SHALL STAKE RAISED PLANTER LOCATIONS AND CITY SHALL CONSTRUCT RAISED PLANTER BOXES PER APPENDIX.
 - IF BID ALTERNATE #5 IS AWARDED, CONTRACTOR SHALL CONSTRUCT RAISED PLANTER BOXES PER DETAIL 2 ON THIS SHEET IN LIEU OF INSTALLING THE STAKING.



1 L5.1 RAISED PLANTER BOX STAKING PLAN



2 L5.1 RAISED PLANTER BOX - BID ALTERNATE #5 PLAN / SECTION



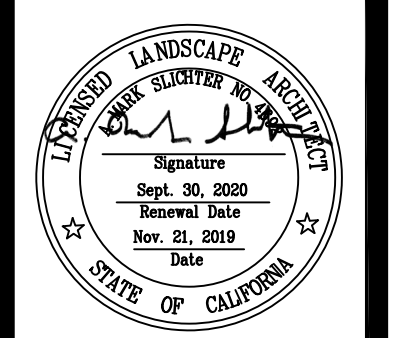
CALA

2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

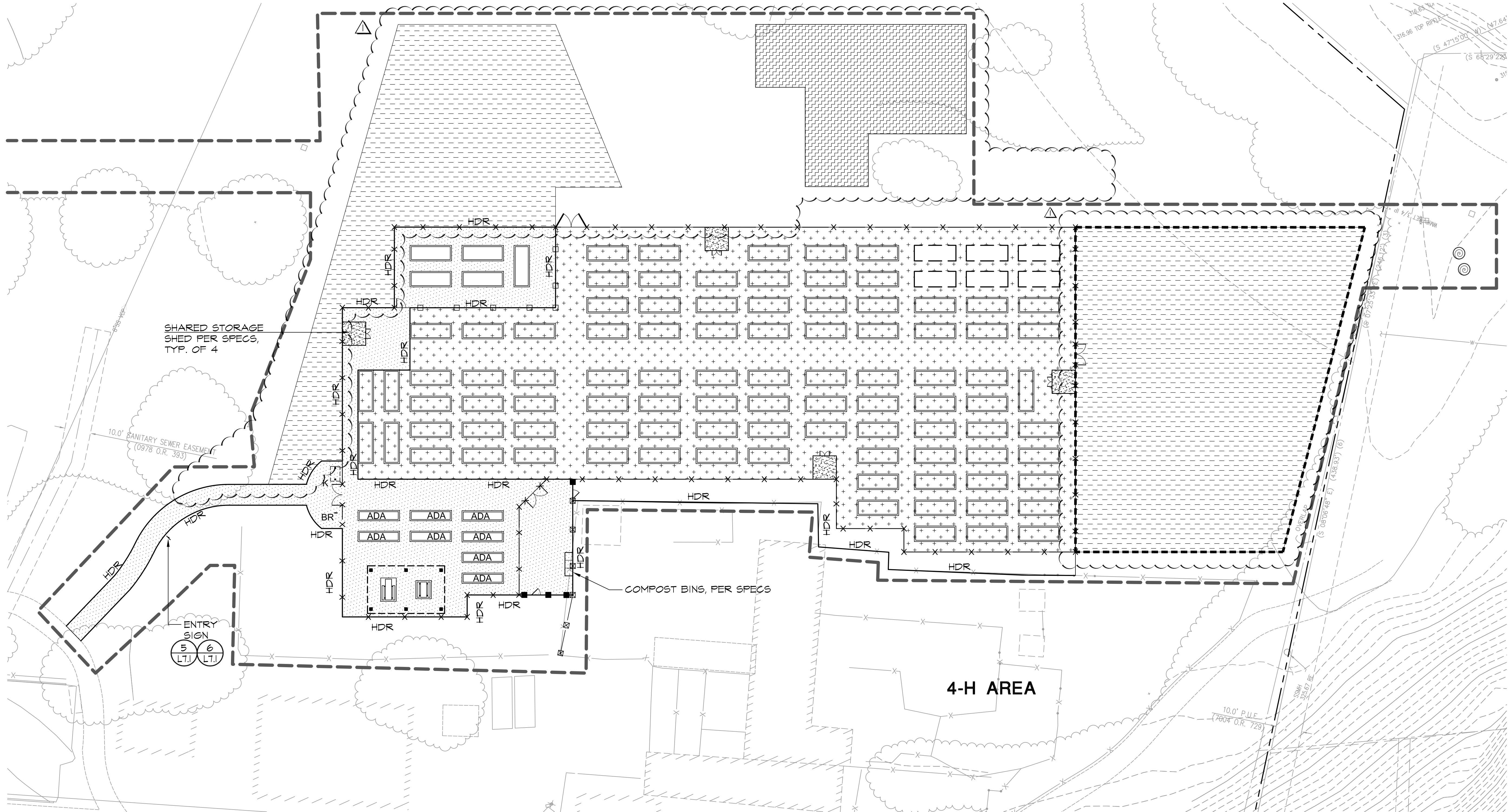
| | |
|---|----------------------|
| ▲ | Addendum #1 1/9/2020 |
| | |
| | |
| | |



SITE LAYOUT PLAN
McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

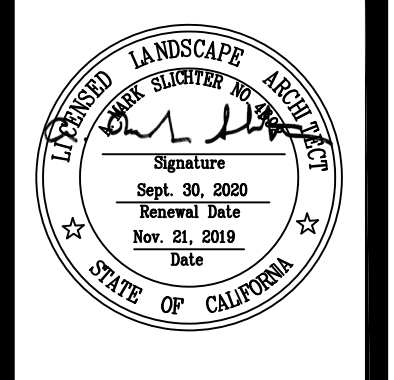
| | |
|-------------|------------|
| Date | 11/26/2019 |
| Scale | AS SHOWN |
| Drawn By | LC/MW |
| Checked | MM |
| Project No. | 18004A |
| Cadd File | 18004a |

FOR SITE LAYOUT LEGEND AND NOTES SEE SHEET L5.0



Revisions

| | |
|---|----------------------|
| ▲ | Addendum #1 1/9/2020 |
| | |
| | |
| | |



MATERIALS PLAN
MCCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

MATERIALS LEGEND (BASE BID)

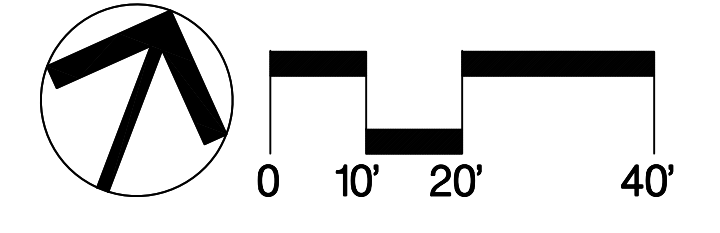
- DECOMPOSED GRANITE PAVEMENT (2/L7.0)
- SHEET MULCH, PER SPECS
- PERIMETER FENCE (1/L7.3) (2/L7.3)
- WOOD RAIL FENCE (4/L7.1)
- 4-H FENCE (3/L7.3) (4/L7.3)
- HEADER BOARD (2/L7.1)
- IN-GROUND PLANTER EDGING (5/L7.0)
- NATIVE TOPSOIL STOCKPILE, AMEND FULL DEPTH PER SPECS

MATERIALS LEGEND (BASE BID) - CONT.

- ADA PLANTER BOX, TYP. OF 8 (4/L7.0)
- PERIMETER GATE TYPE A, TYP. OF 3 (1/L7.2) (2/L7.2)
- PERIMETER GATE TYPE B, TYP. OF 1
- WOOD RAIL GATE, TYP. OF 2 (3/L7.1)
- CONCRETE PAD FOR SHARED STORAGE SHED, 9'-0" X 9'-0", TYP. OF 4 (1/L7.0)
- BIKE RACK (1/L7.1)
- ENTRY KIOSK, PER SPECS, FOOTING SEE (5/L7.3)
- HYDROSEED, PER SPECS

MATERIALS LEGEND (BASE BID) - CONT.

- BID ALTERNATE #1: SHADE STRUCTURE, PER SPECS. FOOTING SEE (1/L7.5)
- BID ALTERNATE #2: INTERIOR FENCE (2/L7.5) (3/L7.5)
- INTERIOR GATE, TYP. OF 1 (4/L7.5)
- BID ALTERNATE #3: ADA PICNIC TABLE ON CONCRETE PAD (5/L7.5)
- PICNIC TABLE ON CONCRETE PAD (5/L7.5)
- BID ALTERNATE #4: HYDROSEED, PER SPECS



- BID ALTERNATE #5: RAISED PLANTER BOX (2/L5.1)

MATERIALS NOTES

- SLEEVING:** REFER TO IRRIGATION PLAN FOR REQUIREMENTS OF SLEEVING UNDER PAVING.
- PROJECT STAKING:** ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD FOR REVIEW BY THE CITY INSPECTOR PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.

| | |
|-------------|-------------|
| Date | 11/26/2019 |
| Scale | AS SHOWN |
| Drawn By | LC/MW |
| Checked | MM |
| Project No. | 18004A |
| Cadd File | 18004sc |
| Sheet No. | L5.2 |
| | 12 of 22 |

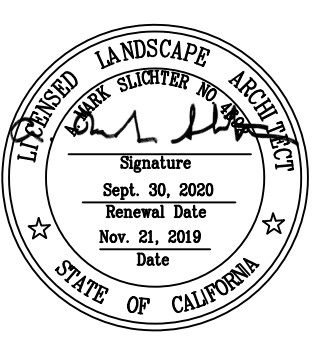


2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

| | |
|---|----------------------|
| ▲ | Addendum #1 1/9/2020 |
| | |
| | |
| | |



IRRIGATION PLAN
MCCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

Date 11/26/2019

Scale AS SHOWN

Drawn By LC/MW

Checked MM

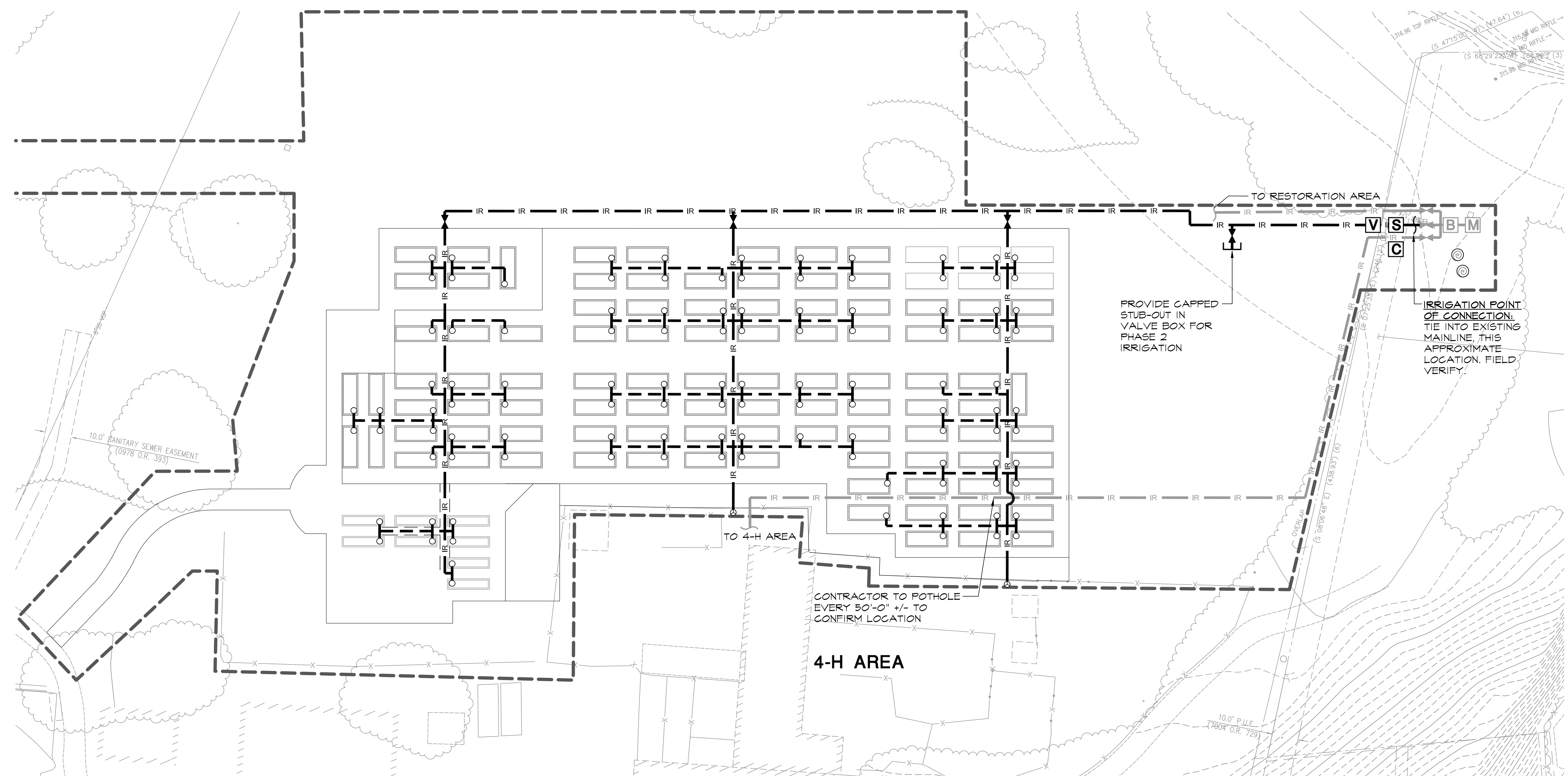
Project No. 18004A

Cadd File 18004ir

Sheet No.

L6.0

12 of 21



PROVIDE CAPPED STUB-OUT IN VALVE BOX FOR PHASE 2 IRRIGATION

IRRIGATION POINT OF CONNECTION: TIE INTO EXISTING MAINLINE, THIS APPROXIMATE LOCATION. FIELD VERIFY.

CONTRACTOR TO POTHOLE EVERY 50'-0" +/- TO CONFIRM LOCATION

4-H AREA

IRRIGATION LEGEND

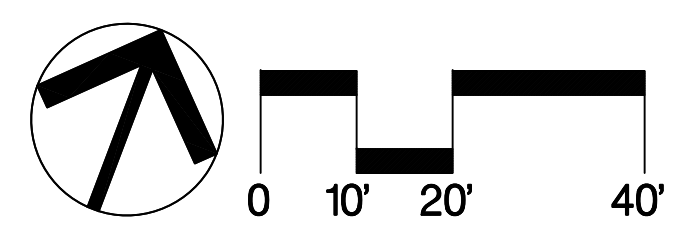
- B** BACKFLOW PREVENTER, WATTS 009M2, EXISTING, 2" SIZE
- M** WATER METER, NEPTUNE, EXISTING, 2" SIZE
- ▲ BALL VALVE, EXISTING, 2" SIZE, KBI
- IR — MAINLINE, EXISTING, 2" SIZE
- IR — MAINLINE, SCHEDULE 80 PVC, 2", 18" MIN. BURIAL
- IR — MAINLINE, SCHEDULE 80 PVC, LESS THAN 2", 12" MIN. BURIAL
- ▲ BALL VALVE, KBI, LINE SIZE, INSTALL IN VALVE BOX (2/L7.4)
- HOSE BIBB RISER, 1/2" SIZE (1/L7.4)
- △ (6) HOSE BIBB RISER, LOCKABLE, TWO BIBBS PER 4X4 RISER, 1/2" SIZE, SIMILAR TO (1/L7.4)
- SLEEVE, SCH 80 PVC, SIZE AS REQUIRED
- S** SUB-METER, NEPTUNE T-10, MEASURING UNIT IN CCF, 2" SIZE (6/L7.4)
- V** MASTER VALVE, RAINBIRD 700, NORMALLY OPEN, 2" SIZE (5/L7.4)
- C** CONTROLLER, RAINBIRD ESP-9V BATTERY-OPERATED CONTROLLER (3/L7.4)

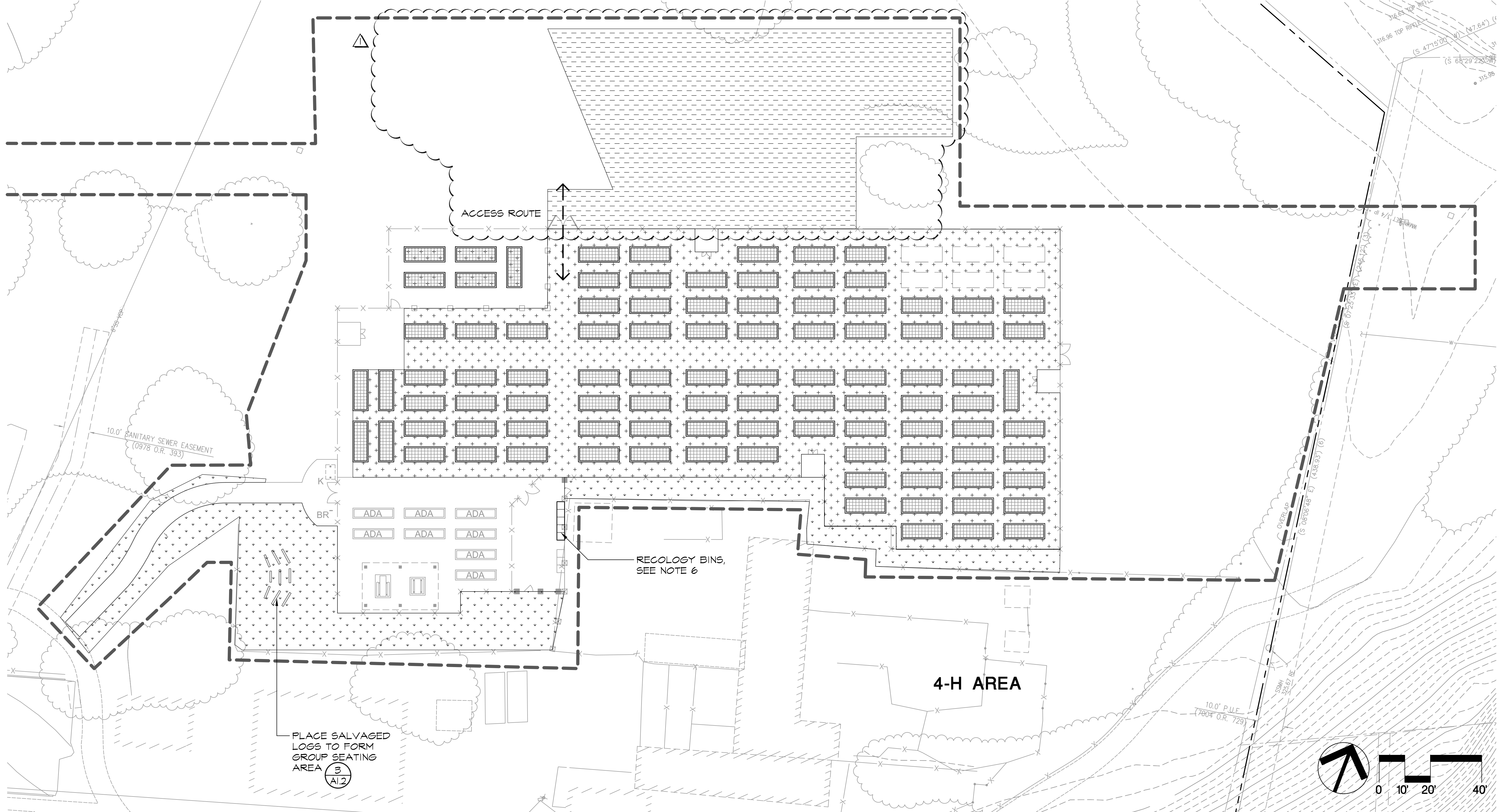
IRRIGATION SCHEDULE

| HOSE BIBB QUANTITY | PIPE SIZE |
|--------------------|-----------|
| 1 TO 2 | 1" |
| 3 TO 6 | 1-1/2" |
| 6+ | 2" |

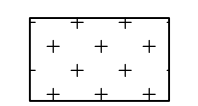
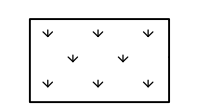
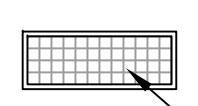

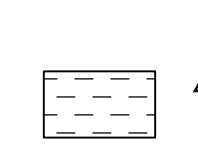
IRRIGATION NOTES

- SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- VERIFICATION:** SYSTEM DESIGN IS BASED ON 55 P.S.I. AND 60 G.P.M. AVAILABLE AT DISCHARGE OUTLET OF BACKFLOW OR OTHER POINT OF CONNECTION. VERIFY SAME AND NOTIFY OWNER'S REPRESENTATIVE IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING ANY IRRIGATION WORK.
- UTILITIES:** VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY.
- SCHEMATIC:** SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLOTS WHENEVER POSSIBLE.
- CODES:** IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY OWNER'S REPRESENTATIVE BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- SLEEVING:** ADEQUATELY SIZE ALL SLEEVES SHOWN ON PLAN. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVING SHALL EXTEND 1'-0" FROM EDGE OF PAVING INTO NON-PAVED AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE.
- MAINLINE BREAK:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL PROVIDE POTABLE WATER TO THE 4-H ANIMALS. CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.





SITE CONSTRUCTION LEGEND

-  WOOD CHIPS SURFACING, ² AI.2 SEE SITE CONSTRUCTION NOTE 3
-  MULCH, SEE SITE CONSTRUCTION NOTE 4
-  RAISED PLANTER BOX, SEE SITE CONSTRUCTION NOTE 1 AND ¹ AI.2
-  HARDWARE CLOTH, STEEL, HOT-DIPPED GALVANIZED AFTER WELDED, 1/2"X1/2" MESH, 16 GAUGE
-  ³ AI.2 BROADCAST SEED TO RESTORE COVER UPON COMPLETION OF WORK

SCOPE OF WORK

- WORK TO BE PERFORMED BY CITY:
1. **SITE FURNISHINGS:** WORK SHALL INCLUDE INSTALLATION OF RAISED PLANTER BOXES AT THE LOCATIONS STAKED BY CONTRACTOR AS SHOWN ON THIS SHEET IF BID ALTERNATE #5 IS NOT AWARDED TO THE CONTRACTOR.

IF BID ALTERNATE #5 IS AWARDED TO THE CONTRACTOR, THEN INSTALLATION OF RAISED PLANTER BOXES SHALL BE EXCLUDED FROM THE CITY'S SCOPE OF WORK. CITY SHALL PROCEED WITH WORK DESCRIBED IN ITEMS 2, 3, AND 4 BELOW.
 2. **WOOD CHIPS AND MULCH SURFACING:** WORK SHALL INCLUDE INSTALLATION OF WOOD CHIPS AND MULCH SURFACING AS SHOWN ON THIS SHEET.
 3. **SOIL PLACEMENT:** WORK SHALL INCLUDE PLACEMENT OF AMENDED TOP SOIL AND SUBSOIL PREPARED BY CONTRACTOR INTO ALL PLANTER BOXES.
 4. **COMPOST SOCKS:** UPON COMPLETION OF THE PROJECT, CITY SHALL DISPERSE COMPOST SOCKS MATERIAL INTO ALL PLANTER BOXES.

SITE CONSTRUCTION NOTES

1. **RAISED PLANTER BOX:** NOTE IS ONLY APPLICABLE IF BID ALTERNATE #5 IS NOT AWARDED TO CONTRACTOR. REDWOOD LUMBER FOR RAISED PLANTER BOX SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR GRADES OF CALIFORNIA REDWOOD OF THE REDWOOD INSPECTION SERVICE.
2. **SOIL PLACEMENT:** CITY SHALL PLACE SUBSOIL AND 12-INCH DEPTH OF AMENDED TOPSOIL INTO ALL PLANTER BOXES. FILL SHALL BE WATERED, RE-TOPPED, AND ALLOWED TO SETTLE NATURALLY.
3. **WOOD CHIPS:** WOOD CHIP SHALL BE SEED-FREE, DECORATIVE BARK GRADED 5/8" TO 3/4" SIZE, VIRGIN SMALL REDWOOD BARK, AVAILABLE THROUGH MOUNTAIN VIEW GARDEN CENTER OR APPROVED EQUAL, 50 CENTRE STREET, MOUNTAIN VIEW, CA 94041, (650) 968-4817. PLACE A MINIMUM 2" LAYER OF WOOD CHIPS ON TOP OF SHEET MULCH AND COMPACT. THE TOP OF WOOD CHIPS SURFACING SHALL BE 1/2" LOWER THAN THE ADJACENT FINISHED PAVEMENT.
4. **MULCH:** MULCH SHALL BE SEED-FREE, "GORILLA HAIR" GROUND REDWOOD BARK, 1" TO 2" SIZE, AVAILABLE THROUGH LYN650, 345 SHOREWAY ROAD, SAN CARLOS, CA 94070, (650) 364-1730 OR APPROVED EQUAL. PLACE A ONE-INCH LAYER OF MULCH ON EXPOSED SOIL PER PLANS.
5. **BROADCAST SEED:** BROADCAST SEED SHALL BE SANTA CLARA RIPARIAN MIX, AVAILABLE THROUGH PACIFIC COAST SEED, INC. 533 HAWTHORNE PLACE, LIVERMORE, CA 94550, (925) 373-4417.
6. **RECOLOGY BINS:** SHALL BE 96-GALLON CONTAINER BINS, AVAILABLE THROUGH RECOLOGY SOUTH BAY OFFICE, 1675 ROGERS AVE., SAN JOSE, CA 95112, (408) 588-1200. PROVIDE 3 COMPOST CARTS, 1 RECYCLE CART, AND 1 LANDFILL CART.

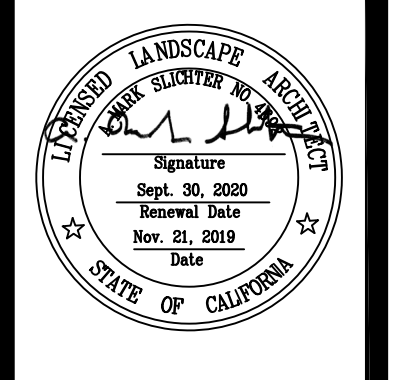
CALA

2025 Gateway Place
Suite 285
San Jose, CA 95110
T 408.275.0585

www.callanderassociates.com

Revisions

| | |
|---|----------------------|
| ▲ | Addendum #1 1/9/2020 |
| | |
| | |
| | |



SITE CONSTRUCTION PLAN

McCLELLAN RANCH PRESERVE
COMMUNITY GARDEN IMPROVEMENTS
Cupertino, CA 95014

| | |
|-------------|------------|
| Date | 11/26/2019 |
| Scale | AS SHOWN |
| Drawn By | LC/MW |
| Checked | MM |
| Project No. | 18004A |
| Cadd File | 18004A1 |