TUCK DITCH PARK SHADE STRUCTURE

TUCK DITCH PARK SUBDIVISION LOT 1, BLOCK 1 LOCATED IN CENTRAL TUCK DITCH PARK, EAST OF 98TH AVENUE & CORONA STREET, CITY OF THORNTON, COUNTY OF ADAMS, STATE OF COLORADO 9788 CORONA STREET

GENERAL NOTES:

- CONTRACTOR SHALL VERIFY WITH OWNER'S REPRESENTATIVE THAT PLANS ARE CURRENT AND 1. APPROVED.
- CONTRACTOR IS RESPONSIBLE FOR QUANTITIES AND MATERIAL CALCULATIONS. 2.
- WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF THORNTON. ANY 3 VARIATIONS FROM THE APPROVED PLANS NEED TO BE APPROVED BY THE CITY OF THORNTON.
- SHADE STRUCTURE ENGINEERED STAMPED DRAWINGS SHALL BE SUBMITTED TO THE BUILDING 4. DEPARTMENT. ENGINEER'S LETTER OF CONSTRUCTION COMPLIANCE IS REQUIRED PRIOR TO INSTALL.
- 5. THE CONTRACTOR SHALL COMPLY WITH THE SOIL ENGINEERING RECOMMENDATIONS PROVIDED BY THE SHADE STRUCTURE MANUFACTURER ENGINEERING DOCUMENTS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY AND/OR REQUIRED PERMITS AND PAY ALL RELATED 6. FEES AND/OR TAXES REQUIRED TO INSTALL THE WORK ON THE PLANS.
- 7. THE CONTRACTOR SHALL BE APPROPRIATELY LICENSED AS REQUIRED BY THE CITY.
- CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY ERRORS, OMISSIONS 8. OR DISCREPANCIES IN EXISTING CONDITIONS OR WITH THE PLANS PRIOR TO THE BEGINNING OF WORK.
- 14. FOR ALL CONCRETE WORK: CONCRETE SHALL HAVE FIBAR MESH REINFORCEMENT, SHALL BE 4500 PSI AFTER 28 DAYS OF CURING, AND ALL JOINTS SHALL BE SAW CUT. CONTRACTOR MUST BE PREPARED TO SHOW RESULTS OF CONCRETE TESTING UPON REQUEST, PER CITY OF THORNTON STANDARD 609.4.
- 15. UNIT PRICES FOR ALL IMPROVEMENTS SHALL BE ESTABLISHED AS A PART OF THE CONTRACT WITH THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK, TO ACCOMMODATE ADDITIONS AND/OR DELETIONS OF MATERIAL AND/OR LABOR.
- 16. DETERMINATION OF "EQUAL" SUBSTITUTIONS SHALL BE MADE ONLY BY THE CITY OF THORNTON.
- 17. SITE OBSERVATIONS BY THE OWNER DURING ANY PHASE OF THIS PROJECT DOES NOT RELIEVE THE CONTRACTOR OF THEIR PRIMARY RESPONSIBILITY TO PERFORM ALL WORK IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND GOVERNING CODES. ANY WORK NOT IN COMPLIANCE MAY BE REJECTED AT ANY TIME.
- 18. ALL EXISTING UTILITIES AND STRUCTURES REPORTED BY OWNERS OR OTHERS AND THOSE SHOWN ON RECORDS EXAMINED, ARE INDICATED ON THE PLAN WITH THEIR APPROXIMATE LOCATION AND EXTENT. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED OR OF RECORD. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THOSE FACILITIES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S OF THESE FACILITIES BEFORE STARTING WORK. CAUTION: BEFORE EXCAVATING, VERIFY THE LOCATION OF UNDERGROUND UTILITIES. AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST MARK OUT OF UNDERGROUND UTILITIES BY CALLING 811.
- 19. AS BUILT DRAWINGS: A SET OF HARD COPY PRINTS AND A SET OF SPECIFICATIONS SHALL BE KEPT AT ALL TIMES ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK INCLUDING ALL EXISTING UTILITIES ARE TO BE RECORDED. AS BUILT DRAWINGS IN PDF AND AUTOCAD FORMAT USED BY THE CITY SHALL BE PROVIDED TO THE OWNER BEFORE INITIAL ACCEPTANCE OF THE CONSTRUCTION BY THE OWNER'S REPRESENTATIVE.
- 20. CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS INCLUDES THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
- CONTRACTOR SHALL ARRANGE ALL SITE ACCESS, SECURITY, STAGING, SAFE AND EROSION CONTROLS 21. WITH THORNTON PRIOR TO STARTING PROJECT CONTINUING UNTIL INITIAL ACCEPTANCE.

CIP # 21 - 46B3

COVER SHEET FINAL PLANS



VICINITY MAP NOT TO SCALE

NORTH

OWNER:

THE CITY OF THORNTON

LANDSCAPE ARCHITECT:

5690 WEBSTER STREET ARVADA, CO 80002

CONTACT: KIM NELSON

WORK TO BE DONE:

SHEET NO.

TUCK DITCH PARK SHADE STRUCTURE

CIP #21-46B3

RICK ENGINEERING COMPANY

Phone: (303)-403-2430

THE SCOPE OF WORK ASSOCIATED WITH THESE PLANS CONSISTS OF PUBLIC IMPROVEMENTS FOR THE TUCK DITCH REDEVELOPMENT NEAR THE PLAYGROUND AREA. THIS PROJECT PROPOSES TO CONSTRUCT A SHADE STRUCTURE WITH SOLAR LIGHTING AND SUPPORTING AMENITIES. LANDSCAPE AND PARK IMPROVEMENTS IN ACCORDANCE WITH THE FOLLOWING PLANS, SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF THORNTON, COUNTY OF ADAMS, COLORADO.

INDEX OF SHEETS

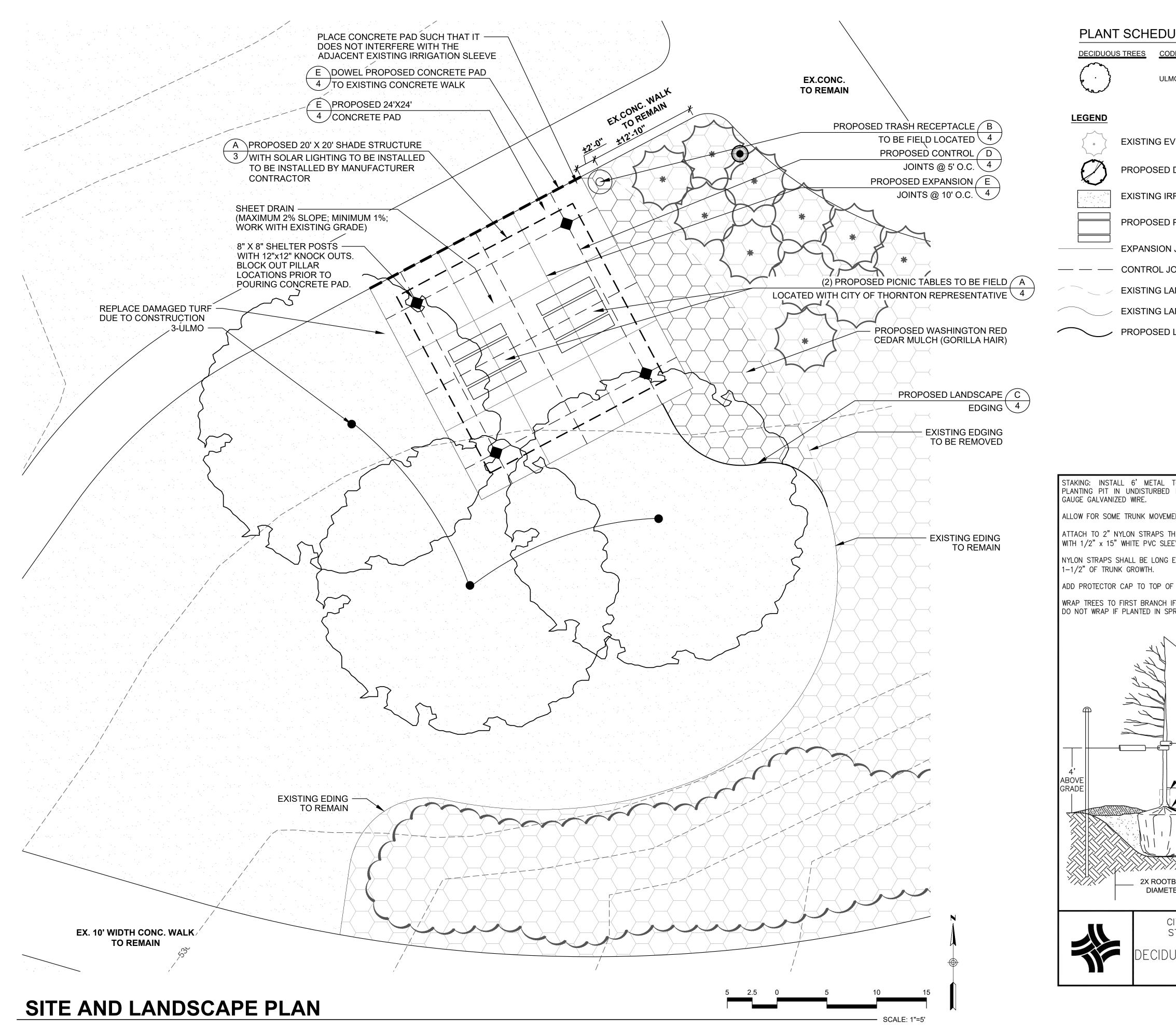
| • | DRAWING NO. | DESCRIPTION |
|---|-------------|----------------------|
| | CS-01 | COVER SHEET |
| | SP-01 | SITE PLAN |
| | HD-01 | HARDSCAPE DETAILS |
| | HD-02 | HARDSCAPE DETAILS |
| | IR-01 | IRRIGATION PLAN |
| | IR-02 | IRRIGATION DETAILS |
| | DP-01 | DEMOLITION PLAN |
| | EC-01 | EROSION CONTROL PLAN |



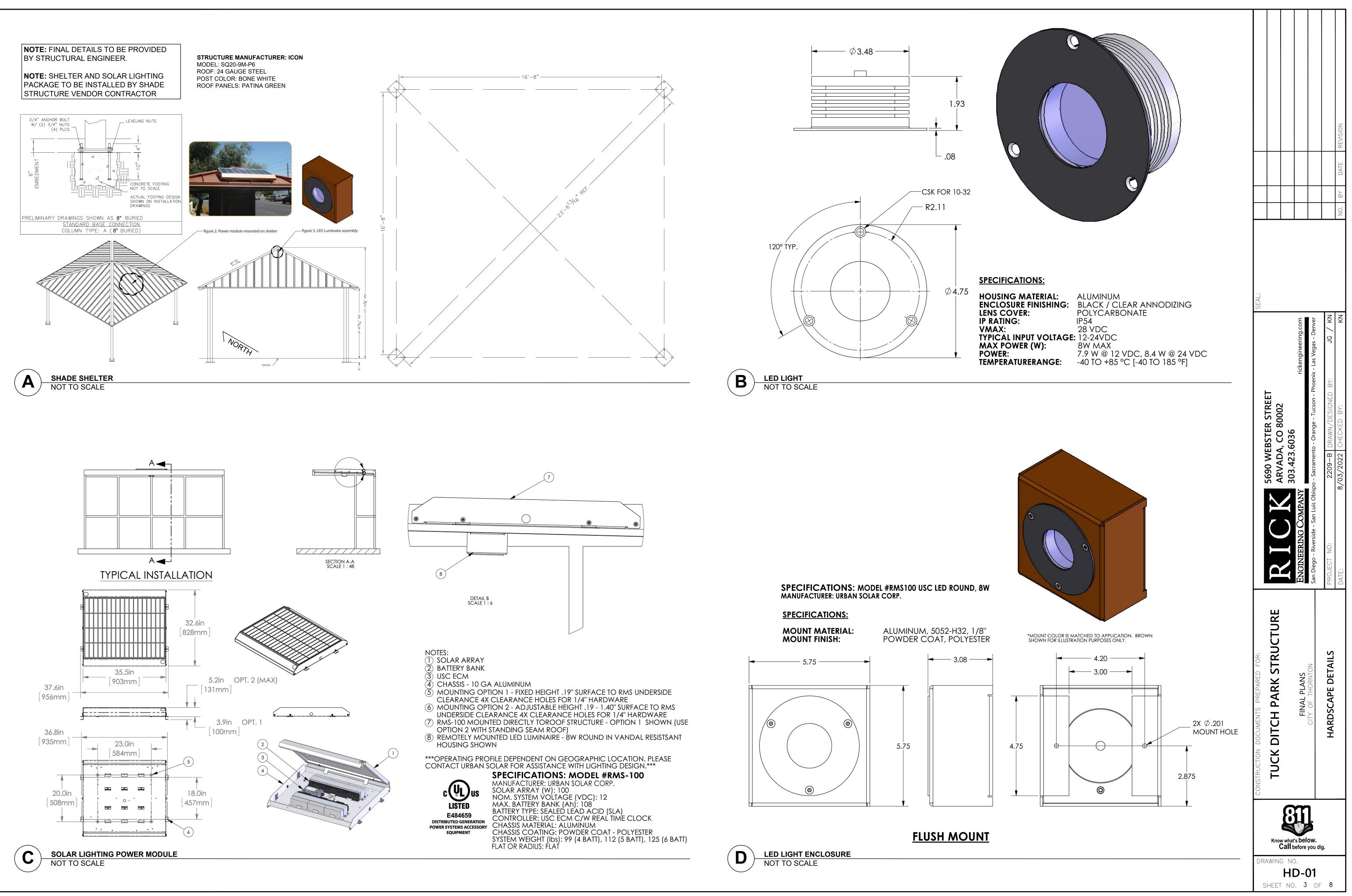
DATE

SHEET NO. 1 OF 8

| CONSTRUCTION DOCUMENTS PREPARED FOR: FOR CONSTRUCTURE 5690 WEBSTER STREET TUCK DITCH PARK STRUCTURE FINAL PLANS 5690 WEBSTER STREET FINAL PLANS FINAL PLANS 303.423.6036 ickengineering.com CITY OF THORNTON Sover Sheet San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver COVER SHEET PROJECT NO: 2209-B DRAW/DESIGNED BY: JG / KP |
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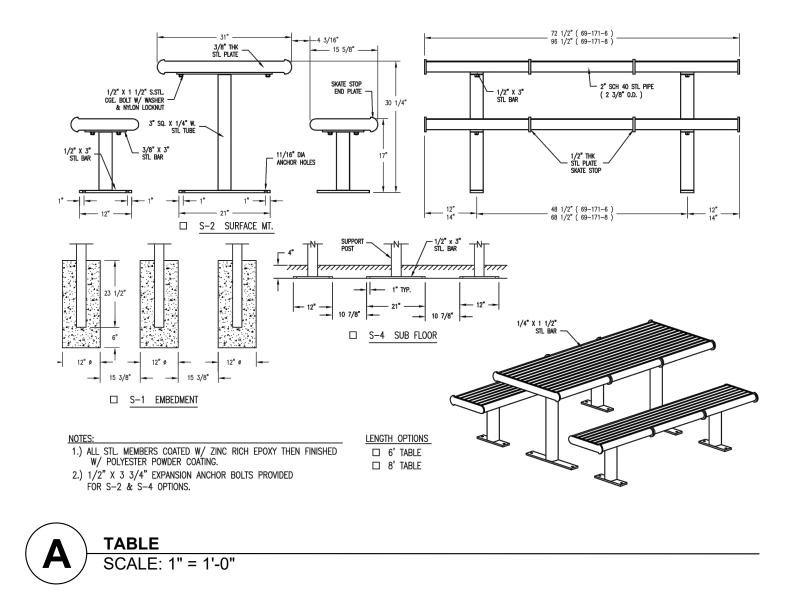


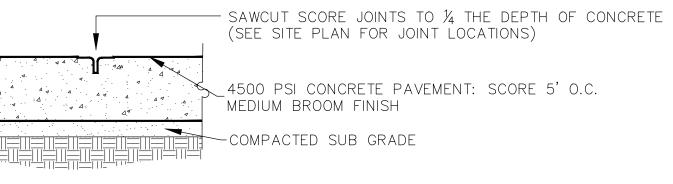
| DE QTY BOTANICAL NA | | AME <u>SIZE</u> | CONTAINER | | | | | |
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| LANDSCAPE EDGING | | | | SEAL: | | | | |
| | | | | | | ing.com - Denver | ΚN | Z X |
| | | | | | | rickengineering.com × - Las Vegas - Denver | JG J | |
| | | | | | | ckengineer - Las Vegas | | |
| | | | | | | - Phoenix | BY: | |
| | | | | REET | 2 | - Tucson - P | | |
| T-POST STAKES OUTSIDE | TREE STAK | ING PLAN VIEW | | 5690 WEBSTER STREET | ARVADA, CO 80002 303.423.6036 | de | ,/DES | KED BY |
| MULCHED SOIL. USE #12 | | | | BSTE | 6036 00 | o - Orar | DRAWN | CHECK |
| ENT HROUGH METAL GROMMETS, | | | | 0 WE | ARVADA, CO 303.423.6036 | Sacramento - Orange | 2209–B | (2022 |
| EVE ON EACH WIRE. | 3" OR LESS | MORE_THAN | | 569 | AR\ 303 | 1 | | 8/03/ |
| | CALIPER | CALIPER & ALL EVERGRI | | | | MPANY Luis Obispo | | |
| F POST. F PLANTED IN THE FALL. | | | | | | | | |
| RING. | | | | | | EERING CO | :ON | |
| 2 _ | INSTALL TRUNK PRO | | | | | ENGINEERING San Diedo - Riverside | JECT N | |
| Ž | EXPAND WITH TRUNK ONLY). | GROWTH (DECI | DUOUS | | | ENC San D | PROJECT | DATF. |
| | PLANT TREE SUCH MAJOR ROOT IS 1" AND TRUNK FLARE IS | TO 2" ABOVE | | L | | | | |
| | SPECIFIED MULCH DIAMETER) PULLED E OF TRUNK. | | | Ë | | | | |
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| | BACKFILLING. DO NO SIDE SLOPES OF PI BE 1:1. ROUGHEN SI | LANTING HOLE | SHALL | ENTS PREF | UIICH PAKK SIKUCIUKE | FINAL PLANS CITY OF THORNTON | SITE PLAN | 1 |
| | PRIOR TO SETTING. PLACE ROOTBALL O | |) 5011 | DOCUMENTS | | C | | |
| BALL | TO PREVENT SETTLE WIRE BASKET, ALL | MENT. REMOVE ROPE, TWINE | ENTIRE AND | | ר בי | | | |
| ER | BURLAP FROM ROOT | BALL AND INON | N.T.S. | | | | | |
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| STANDARDS & SPECIF | | REVISED: | | | ? | | | - |
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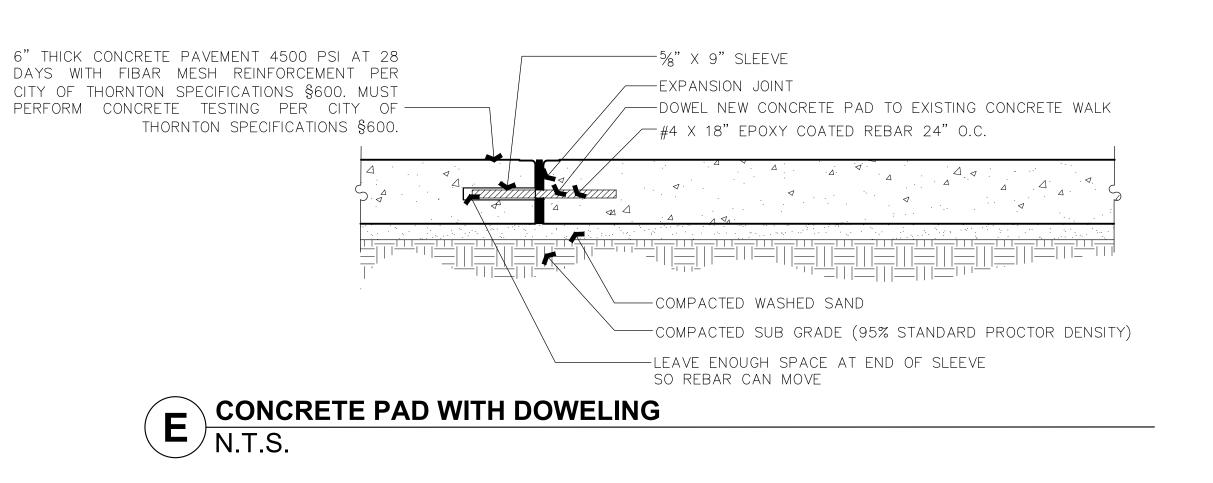
| BAN | SOLAR FOR ASSISTANCE WITH LIGHTING DESIGN.*** |
|-----|---|
| | SPECIFICATIONS: MODEL #RMS-100 |
| | MANUFACTURER: URBAN SOLAR CORP. |
| us | SOLAR ARRAY (W): 100 |
| 03 | NOM. SYSTEM VOLTAGE (VDC): 12 |
| 1 | MAX. BATTERY BANK (Ah): 108 |
| • | BATTERY TYPE: SEALED LEAD ACID (SLA) |

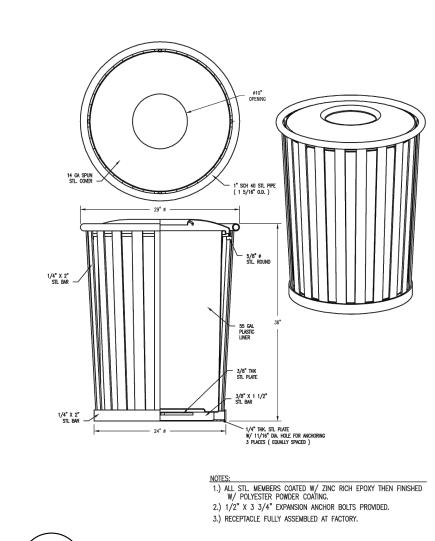
| RATION | CONTROLLER: USC ECM C/W REAL TIME CLOCK |
|--------|---|
| ESSORY | CHASSIS MATERIAL: ALUMINUM |
| | CHASSIS COATING: POWDER COAT - POLYESTER |
| | SYSTEM WEIGHT (Ibs): 99 (4 BATT) 112 (5 BATT) 125 |







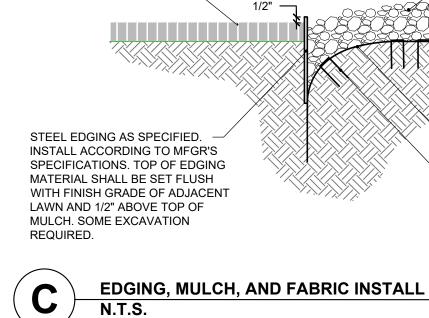




TRASH RECEPTACLE

SCALE: 1" = 1'-0"

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N.T.S.

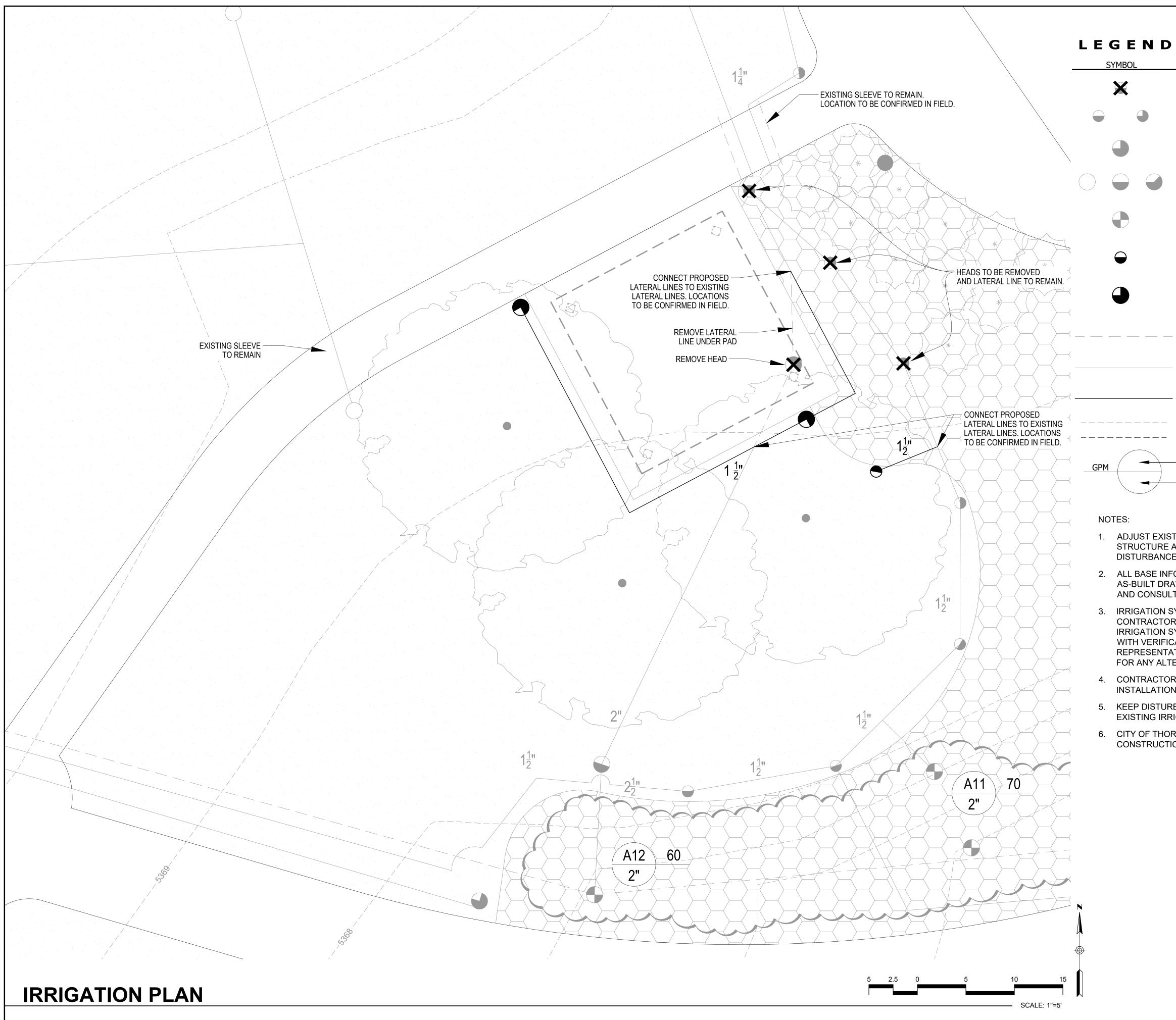
FINISH GRADE

| Instruction Documents PrePared For: Distruction Documents PrePared For: TUCK DITCH PARK STRUCTURE 5690 WEBSTER STREET RINAL PLANS 5690 WEBSTER STREET RINAL PLANS 303.423.6036 Intrustor 303.423.6036 CITY OF THORNON 303.423.6036 Intrustor 303.423.6036 Intrustor 303.423.6036 Intrustor Serverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver HARDSCAPE DETAILS PROJECT NO: 2209-B DRAW/DESIGNED BY: JG / Kh | SEAL: Bring.com s - Denver MO. BY | DATE REVISION |
|--|--|---------------|
|--|--|---------------|

- MULCH AS SPECIFIED

WEED BARRIER FABRIC TYPAR 3201. LAP 3" AT JOINTS.

8" STAPLES TO ANCHOR WEED BARRIER TRIANGULAR SPACING 3' O.C. & 1' O.C. LINEAR SPACING AT JOINTS.



| | MODEL | DESCRIPTION | DETAIL | |
|-----|--|---|--------|-------|
| | EXISTING TO REMOVE | TO BE REMOVED & LATERAL LINE PATCHED | | |
| | EXISTING TO REMAIN 1804-SAM-PRS W/15 SER. NOZZLE | Rainbird Pop-up | -1 | |
| | EXISTING TO REMAIN HUNTER I-25-ADS-8 | HUNTER ROTOR | -2 | |
| | EXISTING TO REMAIN HUNTER I-25-ADS-10 | HUNTER ROTOR ———— | -2 | |
| | EXISTING, RAINBIRD EPB-CP-PRS-B SERIES | REMOTE CONTROL VALVE | | |
| | PROPOSED 1804-SAM-PRS W/15 SER. NOZZLE | RAINBIRD POP-UP SPRAY HEAD | | |
| | PROPOSED 1804-SAM-PRS W/15 SER. NOZZLE | Hunter Pop-Up Rotor | | |
| _ | EXISTING TO REMAIN CL. 200 B.E. (3") | PVC MAINLINE - 3" UNLESS OTHERWISE NOTED | | SEAL: |
| | EXISTING CL. 200 B.E. | PVC LATERALS - 1" UNLESS OTHERWISE NOTED | | 0) |
| _ | PROPOSED CL. 200 B.E. | PVC LATERALS - 1" UNLESS OTHERWISE NOTED | | |
| | EXISTING CL. 200 | PVC SLEEVE | | |
| | | CONTROLLER NUMBER | | |
| | | VALVE SIZE | | |
| | | | | |
| AN | G IRRIGATION TO ACCOM D ASSOCIATED CONCRET TO EXISTING LANDSCAPE | | | |
| FOR | MATION HAS BEEN TAKEN | N FROM THE EXISTING APPR RIAN LLC AND IRRIGATION D | - | |

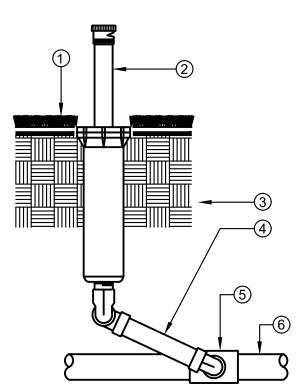
3. IRRIGATION SYSTEM IS DESIGN FOR A STATIC WATER PRESSURE OF 60 PSI. CONTRACTOR IS TO VERIFY PRESSURE PRIOR TO INSTALLATION OF IRRIGATION SYSTEM AND NOTIFY CITY OF THORNTON REPRESENTATIVE WITH VERIFICATION FIGURES. FAILURE TO NOTIFY THE CITY OF THORNTON REPRESENTATIVE WILL RESULT IN CONTRACTOR TAKING RESPONSIBILITY FOR ANY ALTERATIONS AT THE CONTRACTOR'S OWN COST.

4. CONTRACTOR TO COORDINATE INSTALLATION OF SLEEVING WITH INSTALLATION OF PAVING.

5. KEEP DISTURBANCES TO EXISTING TURF TO A MINIMUM WHILE ADJUSTING EXISTING IRRIGATION SYSTEM.

6. CITY OF THORNTON STANDARDS AND SPECIFICATIONS SHALL SUPERCEDE CONSTRUCTION DOCUMENT SPECIFICATIONS.

| SEAL: | rickengineering.com | - Phoenix - Las Vegas - Denver | D BY: JG / KN | KN NO. BY DATE REVISION |
|---|---------------------|---|---------------------------------------|-----------------------------|
| RICK 5690 WEBSTER STREET ARVADA, CO 80002 | ENGINEERING COMPANY | San Diego - Riverside - San Luis Obispo - Sacramento - Orange - Tucson - Phoenix - Las Vegas - Denver | PROJECT NO: 2209-B DRAWN/DESIGNED BY: | DATE: 8/03/2022 CHECKED BY: |
| CONSTRUCTION DOCUMENTS PREPARED FOR: TUCK DITCH PARK STRUCTURE | FINAL PLANS | CITY OF THORNTON | IRRIGATION PLAN | |
| Know w | yhat's be | low. | - | |

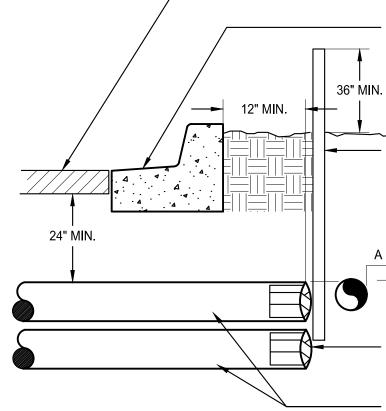


- 1 INSTALL SPRINKLER HEAD FLUSH WITH FINISH GRADE IN TURF AREAS
- 2 POP-UP SPRINKLER HEAD, SPRAY OR ROTOR SEE LEGEND FOR SPECIFICATION
- ③ UNDISTURBED SOIL (4) TRIPLE SWING JOINT
- ASSEMBLY
- 5 SCH 40 PVC SxSxT TEE FITTING LATERAL x SPRINKLER INLET SIZE
- 6 LATERAL LINE, PER PLAN

NOTE:

INSTALL SPRINKLER HEADS 24" FROM PAVING EDGE. INSTALL SPRINKLER HEADS PLUMB. ADJUST SPRAYS OR NOZZLE STREAM TO COVER LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS OR BUILDINGS. ALL THREADED CONNECTIONS TO HAVE TEFLON TAPE OR PASTE.





NOTE:

- ALL SLEEVE MATERIAL PER IRRIGATION SCHEDULE, SIZE AS NOTED ON PLAN.
- INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.
- CONTRACTOR TO COORDINATE WITH FLATWORK INSTALLER TO BRAND A "V" IN SIDEWALK OR CURB AT BOTH ENDS OF SLEEVE CROSSING.



- PAVED SUFACE

- CURB AND GUTTER (IF APPLICABLE)

— ROUGH GRADE

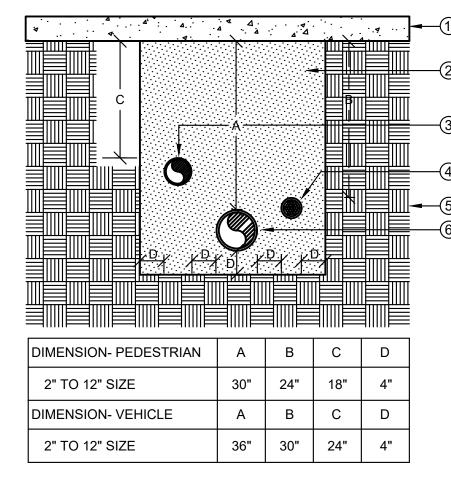
- 2" PVC PIPE SLEEVE MARKER -INSTALL AT BOTH ENDS OF EACH SLEEVE LOCATION AND EXTEND AT LEAST 3' ABOVE GRADE. SPRAY EXPOSED PORTION OF MARKER WITH GREEN FLUORESCENT PAINT.



- SEAL END OF SLEEVE WITH CLOTH DUCT TAPE (TYPICAL)

— PVC SLEEVING (TYPICAL)

• INSTALL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE

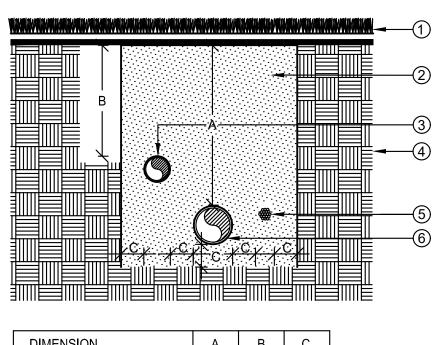


3 SLEEVE INSTALLATION

- ② SAND BACKFILL COMPACTED TO THE DENSITY OF EXISTING SOIL
- ③ LATERAL LINE SEE LEGEND FOR SPECS
- (4) CONTROL WIRE SEE LEGEND FOR SPECS 5 UNDISTURBED SOIL

6 MAINLINE SLEEVE, SEE LEGEND FOR SPECS

PVC SLEEVES TO BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED.

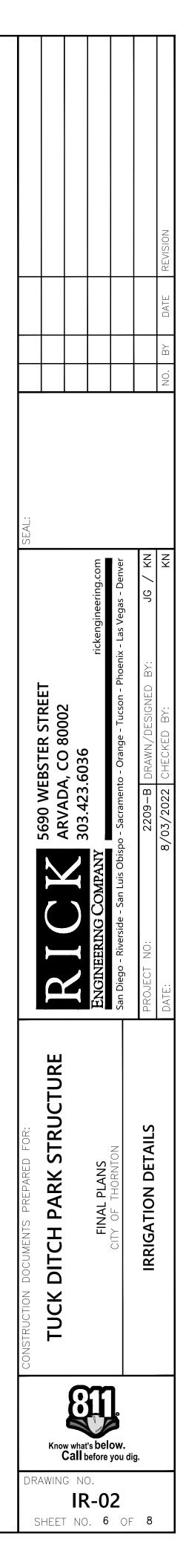


| DIMENSION |
|------------------------|
| 1/2" TO 2-1/2" IN SIZE |
| 3" IN SIZE |
| 4" AND LARGER |
| |



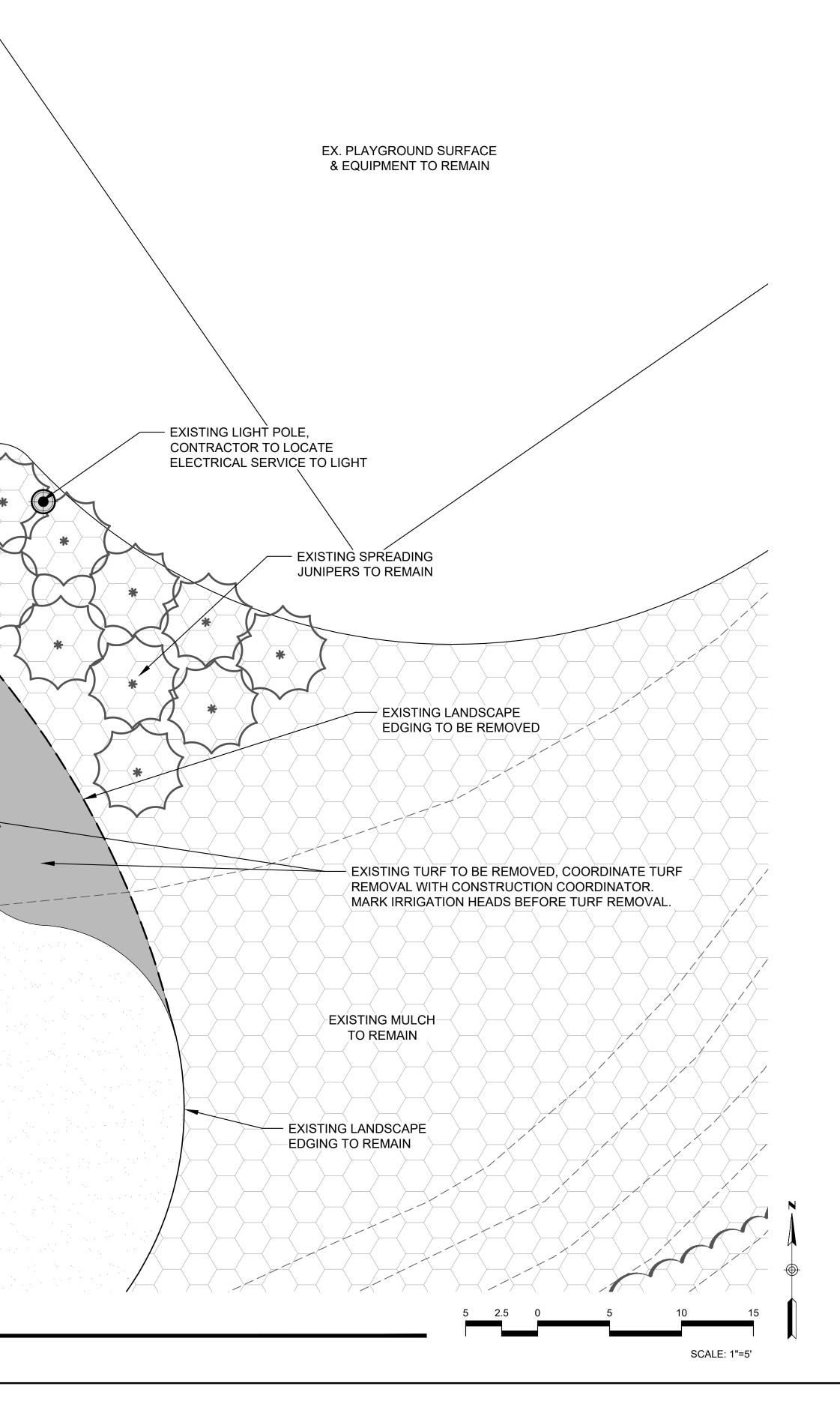
| А | В | С |
|-----|------------------|----|
| 24" | 18" | 4" |
| 24" | \times | 4" |
| 36" | $\mathbf{	imes}$ | 4" |
| | | |

- 1 FINISH GRADE
- 2 CLEAN COMPACTED BACKFILL
- (3) LATERAL LINES, SEE SPECS.
- (4) UNDISTURBED SOIL
- 5 CONTROL WIRES, SEE SPECS.
- 6 PRESSURE MAINLINE, SEE SPECIFICATIONS



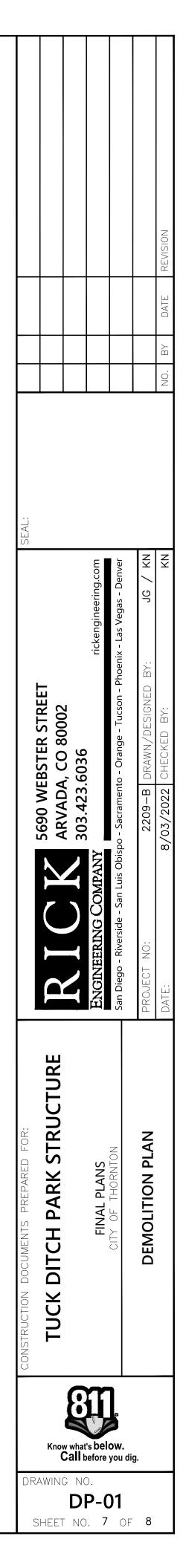


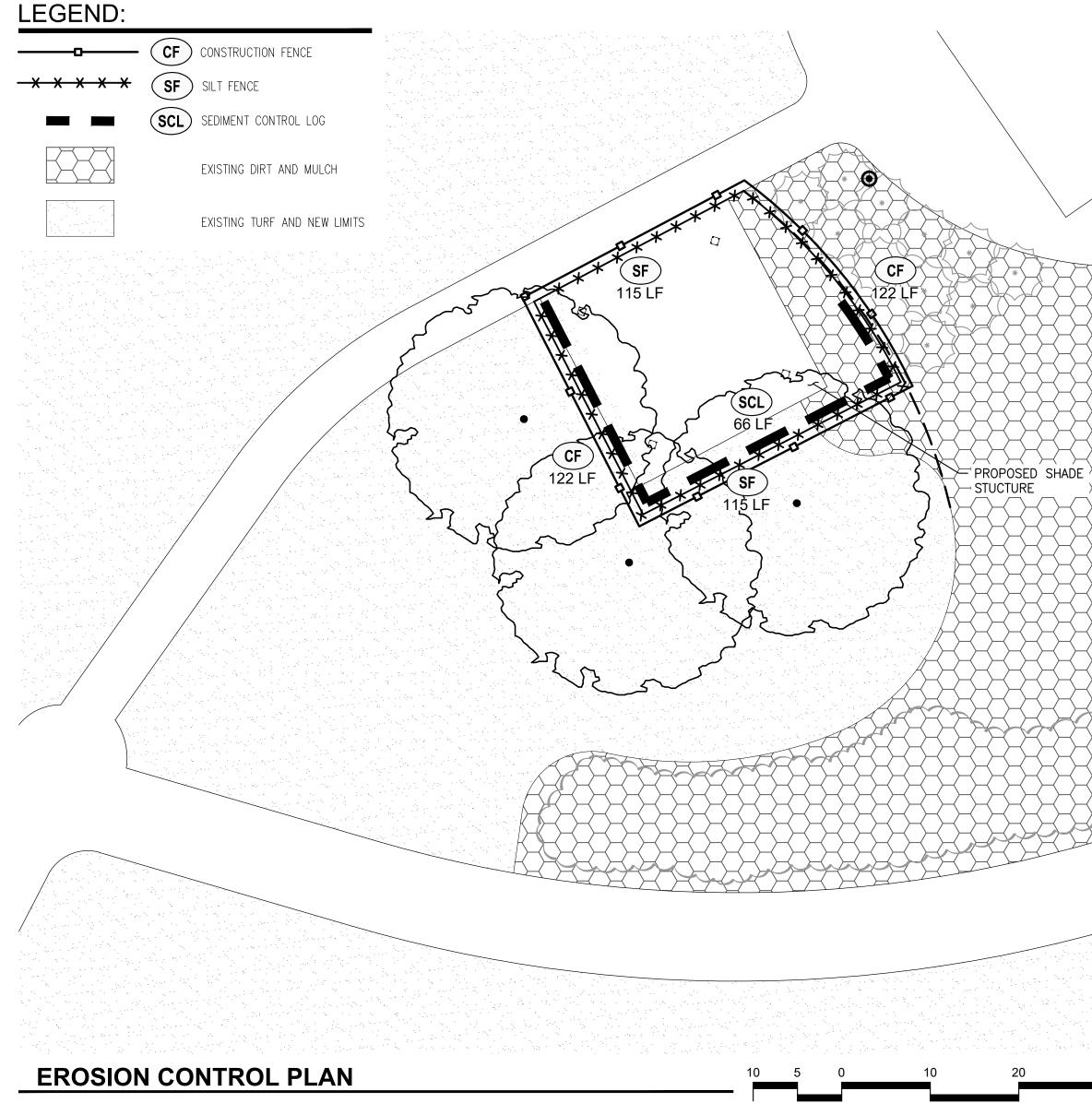


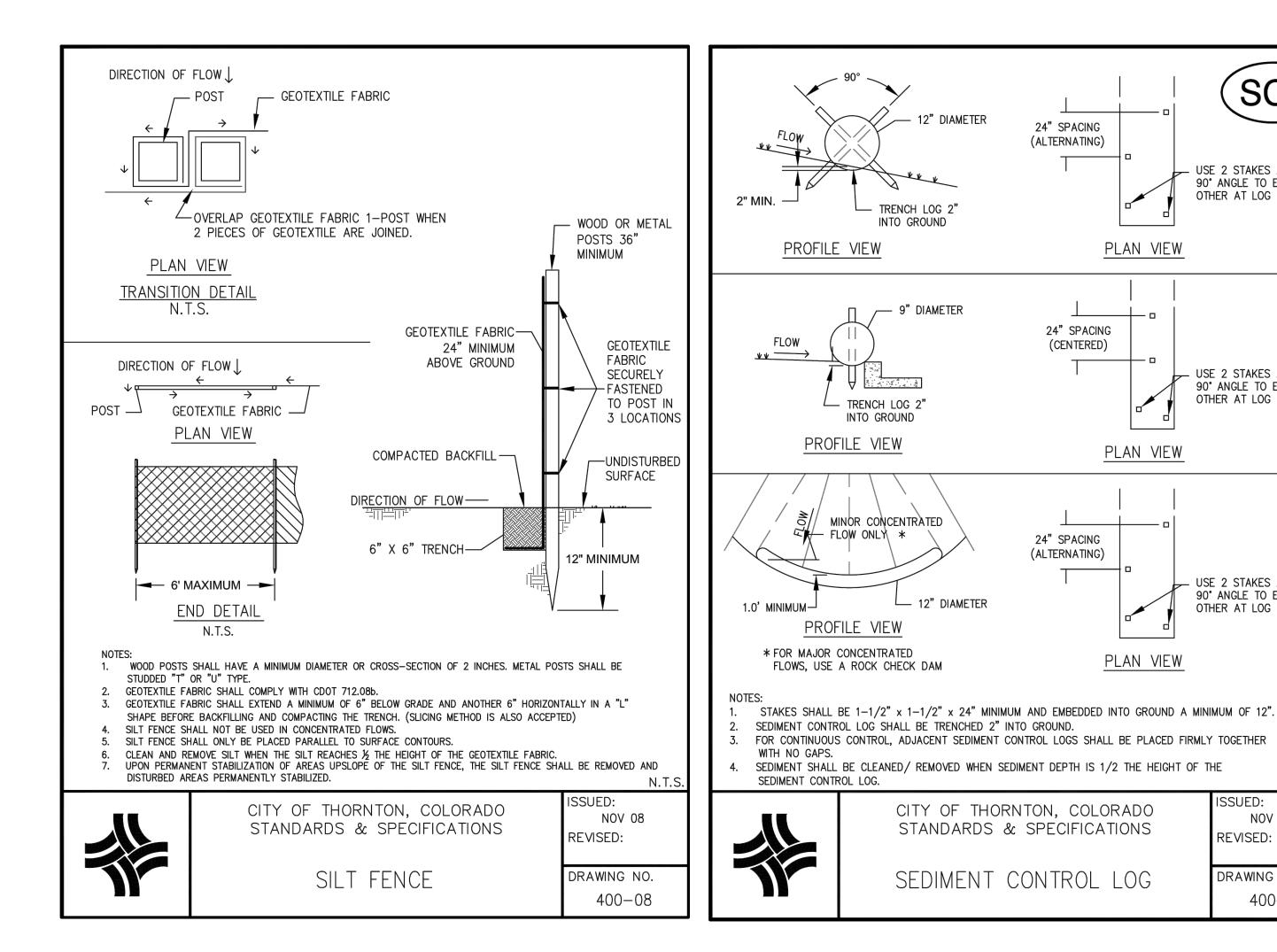


SITE FEATURES FOR DEMO:

TURF LANDSCAPE EDGING ±900 SF ±44 LF







NOTES:

- 1. CONTROL MEASURES SHALL BE INSTALLED BEFORE ANY EARTH DISTURBING ACTIVITIES COMMENCE.
- THE OWNER/CONTRACTOR SHALL NOTIFY THE THORNTON INSPECTOR ONCE ALL INITIAL CONTROL MEASURES HAVE BEEN INSTALLED FOR AN INITIAL INSPECTION AT LEAST FORTY EIGHT (48) HOURS PRIOR TO THE INSPECTION. CONSTRUCTION ACTIVITY CANNOT BEGIN UNTIL A 11. CONTROL MEASURES INTENDED FOR SHEET FLOW SEDIMENT RUNOFF SHALL BE PLACED PARALLEL TO THE SLOPE. PASSING INITIAL INSPECTION HAS OCCURRED.
- STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES SHALL NOT CAUSE, HAVE THE REASONABLE POTENTIAL TO CAUSE, OR MEASURABLY CONTRIBUTE TO EXCEED ANY WATER QUALITY STANDARD.
- SEDIMENT CAUSED BY ACCELERATED SOIL EROSION SHALL BE REMOVED FROM RUNOFF WATER BEFORE IT LEAVES THE CONSTRUCTION SITE. 14.
- THE OWNER/CONTRACTOR SHALL INSPECT THE CONSTRUCTION SITE (INCLUDING ALL CONTROL MEASURES, STORAGE CONTAINERS, AND CONSTRUCTION EQUIPMENT) AT A MINIMUM OF EVERY 7 CALENDAR DAYS OR EVERY 14 CALENDAR DAYS. IF ON THE 14 DAY FREQUENCY 15. A 24-HOUR POST STORM INSPECTION MUST BE CONDUCTED AFTER A PRECIPITATION EVENT OR SNOW MELT. INSPECTIONS SHALL CONTINUE UNTIL AN INACTIVATION NOTICE IS FILED WITH CDPHE.
- THE OWNER/CONTRACTOR SHALL KEEP A RECORD OF ALL INSPECTIONS ON SITE AND AVAILABLE FOR REVIEW BY CDPHE OR CITY STAFF. INSPECTION REPORTS MUST IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE PERMIT.
- CONTROL MEASURES REQUIRING MAINTENANCE OR ADJUSTMENT SHALL BE REPAIRED IMMEDIATELY AFTER OBSERVATION OF THE FAILING CONTROL MEASURE.
- SILT FENCE PATCHING: PATCHING IS ONLY ALLOWED ON THE TOP HALF OF THE FENCE. NOT MORE THAN TWO (2) PATCHES PER SECTION 17. ALL TEMPORARY CONTROL MEASURES SHALL BE REMOVED FROM THE SITE UPON SUBMITTING THE INACTIVATION NOTICE. 8. OF FENCE. SILT FENCE WITH HOLES OR DETERIORATION ON THE LOWER HALF OF THE FENCE MUST BE REPLACED. REPAIR TYPICALLY INVOLVES REPLACING THE SILT FENCE TO MAINTAIN THE CMS EFFECTIVENESS TO DRAIN SLOWLY AND FUNCTION AS ORIGINALLY DESIGNED. 18.
- FOR ALL INSTANCES OF NONCOMPLIANCE BASED ON ENVIRONMENTAL HAZARDS AND CHEMICAL SPILLS AND RELEASES, ALL NEEDED 9. 19. INFORMATION MUST BE PROVIDED ORALLY TO COPHE SPILL REPORTING LINE (24-HOUR NUMBER FOR ENVIRONMENTAL HAZARDS AND CHEMICAL SPILLS AND RELEASES: 1-877-518-5608) WITHIN 24-HOURS FROM THE TIME THE OWNER/CONTRACTOR BECOMES AWARE OF THE CIRCUMSTANCES.

- REINFORCEMENT BEHIND ANOTHER BMP SUCH AS SILT FENCE). 12. ALL CONTROL MEASURES SHALL BE CLEANED WHEN SEDIMENT LEVELS ACCUMULATE TO HALF THE DESIGN OF THE CM UNLESS OTHERWISE SPECIFIED. 13. ALL SEDIMENT COLLECTED IN CONTROL MEASURES SHALL BE REMOVED UPON INITIAL ACCEPTANCE. WIND EROSION AND DUST CONTROL MEASURES MUST BE UTILIZED TO MINIMIZE AIRBORNE PARTICULATE DUST. CONTROL MEASURES MAY
- PERMANENT EROSION CONTROL MEASURES FOR SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH DISTURBANCE HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH DISTURBANCE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH DISTURBANCE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED WITHIN 14 CALENDAR DAYS. TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION MEASURES ARE IMPLEMENTED.
- FINAL STABILIZATION HAS BEEN ACHIEVED WHEN ALL EARTH DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED WITH AN INDIVIDUAL PLANT DENSITY OF AT LEAST 70 PERCENT OF PRE-DISTURBANCE LEVELS, OR EQUIVALENT PERMANENT, PHYSICAL EROSION REDUCTION METHODS HAVE BEEN EMPLOYED.

16.

- ALL SITE WASTES (INCLUDING TRASH AND BUILDING MATERIALS) MUST BE PROPERLY MANAGED TO PREVENT POTENTIAL POLLUTION DISCHARGES TO THE MS4 OR STATE WATERS.

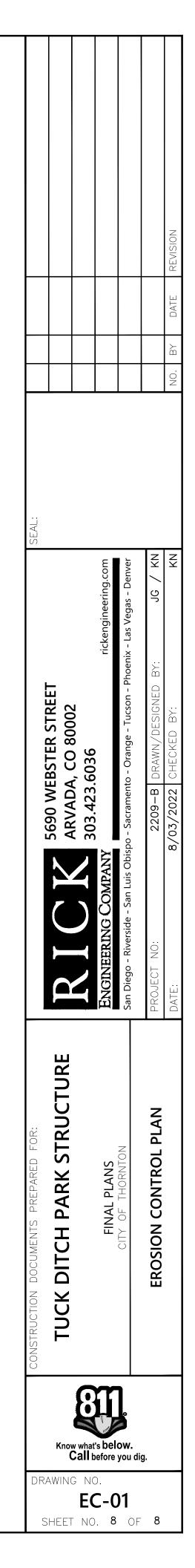
GRAPHIC SCALE: 1"=10'

20. VEHICLE TRACKING CONTROL WILL NOT BE REQUIRED SWEEPING AND GOOD CONSTRUCTION HYGIENE WILL BE REQUIRED REGARDLESS.

10. STRAW BALES SHALL NOT BE USED FOR PRIMARY EROSION OR SEDIMENT CONTROL (I.E. STRAW BALES MAY BE USED FOR

INCLUDE MINIMIZING DISTURBED AREAS, WATERING, AND/OR PROVIDING TEMPORARY STABILIZATION.

A WASHOUT SYSTEM WILL BE REQUIRED AND MUST BE APPROVED BY THE CITY OF THORTON PRIOR TO CONSTRUCTION.



SCL

USE 2 STAKES AT 90° ANGLE TO EACH OTHER AT LOG ENDS

- USE 2 STAKES AT

90° ANGLE TO EACH

USE 2 STAKES AT

90° ANGLE TO EACH

OTHER AT LOG ENDS

SSUED:

REVISED:

NOV 08

DRAWING NO.

400-9

N.T.S.

OTHER AT LOG ENDS

24" SPACING

(ALTERNATING)

24" SPACING

(CENTERED)

24" SPACING

(ALTERNATING)

PLAN VIEW

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