



City of Dallas Park and Recreation Department Standard Park Construction Details

Dallas, Texas 75201

UPDATED AUGUST 2012

PREPARED FOR:

CITY OF DALLAS
PARK AND RECREATION DEPT.
CITY HALL ROOM 6-FS
1500 MARILLA STREET
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PREPARED BY:

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The details contained herein are for general use, layout and standardization of design only. Users are cautioned to carefully review these details before using to determine the acceptability of each application and compliance with federal, state or local regulations. Existing site conditions are to be taken into consideration before using. Neither the preparer of these details nor the owner makes warranty, express or implied, concerning the use of these details.

RECOMMENDED FOR APPROVAL:

Assistant Director, Planning, Design & Construction Date

Director, Park & Recreation Department Date



scale:
dsnd:
drawn:
approved:

A. PAVING & PARKING DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
A-1	CONCRETE TRAIL DETAIL
A-2	DOWELED EXPANSION & CONTROL JOINT DETAILS
A-3	UNDERCUT HEADER DETAIL
A-4	LONGITUDINAL BUTT JOINT DETAIL
A-5	BRICK/UNIT PAVER DETAIL
A-6	TRAIL RAMP DETAILS
A-7	TRAIL RAMP SECTION AND REMOVABLE BOLLARD DETAIL
A-8	ACCESSIBLE PARKING AREA STRIPING AND PARALLEL RAMP DETAIL - ABUTTING SIDEWALK
A-9	ACCESSIBLE PARKING AREA STRIPING AND CURB RAMP DETAIL - ABUTTING TURF
A-10	ACCESSIBLE RAMP PLAN
A-11	ACCESSIBLE PARKING SIGNAGE DETAIL
A-12	SOLID MOLDED PLASTIC WHEEL STOP DETAIL
A-13	TYPICAL STAIR DETAILS
A-14	STABILIZED CONSTRUCTION ENTRANCE
A-15	SILT FENCE DETAILS
A-16	SILT SOCK DETAILS
A-17	PARKING LOT DETAILS
A-18	PARKING LOT DETAILS
A-19	SIDEWALK CONNECTION AT EXISTING SIDEWALK

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B-2	HANDICAP ACCESSIBLE PICNIC TABLE DETAILS
B-3	HANDICAP ACCESSIBLE PICNIC TABLE PLAN
B-4	TYPICAL LITTER RECEPTACLE DETAIL
B-5	TYPICAL BENCH DETAILS
B-6	BLEACHER PAD LAYOUT PLAN
B-7	TYPICAL GRILL DETAILS
B-8	PARK SHELTER SLAB EDGE DETAIL
B-9	TYPICAL PARK SHELTER SPREAD FOOTING DETAIL
B-10	SHELTER PIER FOUNDATION DETAIL
B-11	ENCLOSURE DETAILS
B-12	ENCLOSURE DETAILS

C. PLAYGROUND DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
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C-2	MONOLITHIC PLAYGROUND EDGE AT SIDEWALK DETAIL
C-3	PLAYGROUND DRAIN DETAIL
C-4	PLAYGROUND DRAIN CLEANOUT DETAILS
C-5	CURB RAMP DETAILS
C-6	CURB RAMP DETAILS

D. ALTHLETIC FIELD DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
D-1	ADULT SOCCER FIELD LAYOUT
D-2	YOUTH SOCCER FIELD LAYOUT (GENERAL PURPOSE)
D-3	SOCCER GOAL DETAILS
D-4	FOOTBALL GOAL POST DETAILS
D-5	TENNIS COURT PLAN
D-6	TENNIS COURT ELEVATION
D-7	TENNIS COURT NET POST DETAIL
D-8	TENNIS COURT ELEVATION AT ENCLOSURE GATE
D-9	BASKETBALL COURT LAYOUT
D-10	BASKETBALL COURT BEAM DETAILS
D-11	BASKETBALL GOAL POST FOOTING AND POST ASSEMBLY DETAILS
D-12	BACKSTOP LAYOUT AND DETAILS
D-13	BACKSTOP LAYOUT
D-14	AREA LIGHT STANDARD BASE SECTION- PAVED AREA
D-15	AREA LIGHT STANDARD BASE SECTION- TURF AREA
D-16	SAND VOLLEYBALL COURT LAYOUT PLAN
D-17	SAND VOLLEYBALL COURT DETAILS

E. FENCE AND HANDRAIL DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
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E-2	SIDEWALK RAMP WITH HANDRAILS
E-3	CHAIN LINK FENCE DETAIL
E-4	TYPICAL CHAIN LINK FENCE DETAILS
E-5	CHAIN LINK GATE DETAIL
E-6	VENEERED CAST-IN-PLACE CONCRETE RETAINING WALL DETAIL
E-7	DOVETAIL MASONRY ANCHOR DETAIL
E-8	TUBULAR STEEL FENCE DETAIL

E. FENCE AND HANDRAIL DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
E-9	CONCRETE MOW STRIP DETAIL
E-10	STONE RETAINING WALL DETAIL
E-11	DUMPSTER ENCLOSURE PLAN AND BOLLARD SECTION
E-12	DUMPSTER SCREEN PLAN VIEW
E-13	DUMPSTER ENCLOSURE GATE ELEVATION
E-14	DUMPSTER ENCLOSURE SIDE ELEVATION
E-15	HANDRAIL STRAP DETAIL

F. LANDSCAPE DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
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F-2	TREE PLANTING DETAIL
F-3	ORNAMENTAL TREE PLANTING DETAIL
F-4	GROUND COVER DETAIL
F-5	POCKET PLANTING SHRUB DETAIL
F-6	DOUBLE CHECK VALVE (IN BOX) DETAIL
F-7	IRRIGATION ELECTRIC VALVE DETAIL
F-8	ISOLATION VALVE DETAIL
F-9	IRRIGATION TRENCH DETAIL
F-10	POP UP SPRAYS W/ FLEX PIPE ASSEMBLY DETAIL
F-11	GEAR DRIVEN ROTORS W/ SPRING JOINTS DETAIL
F-12	PEDESTAL MOUNTED CONTROLLER DETAIL
F-13	QUICK COUPLING VALVE DETAIL
F-14	TREE BUBBLER DETAIL
F-15	DRIP IRRIGATION DETAILS

G. PLAN SHEETS

DETAIL NO.:	SHEET DESCRIPTION:
G-1	COVER SHEET
G-2	PLAN SHEET

G. PARK SIGN DETAILS

DETAIL NO.:	SHEET DESCRIPTION:
S-1/S-6	4'-0" PANEL SIZE
S-7/S-13	6'-0" PANEL SIZE
S-14/S-20	8'-0" PANEL SIZE
S-20/S-27	10'-0" PANEL SIZE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

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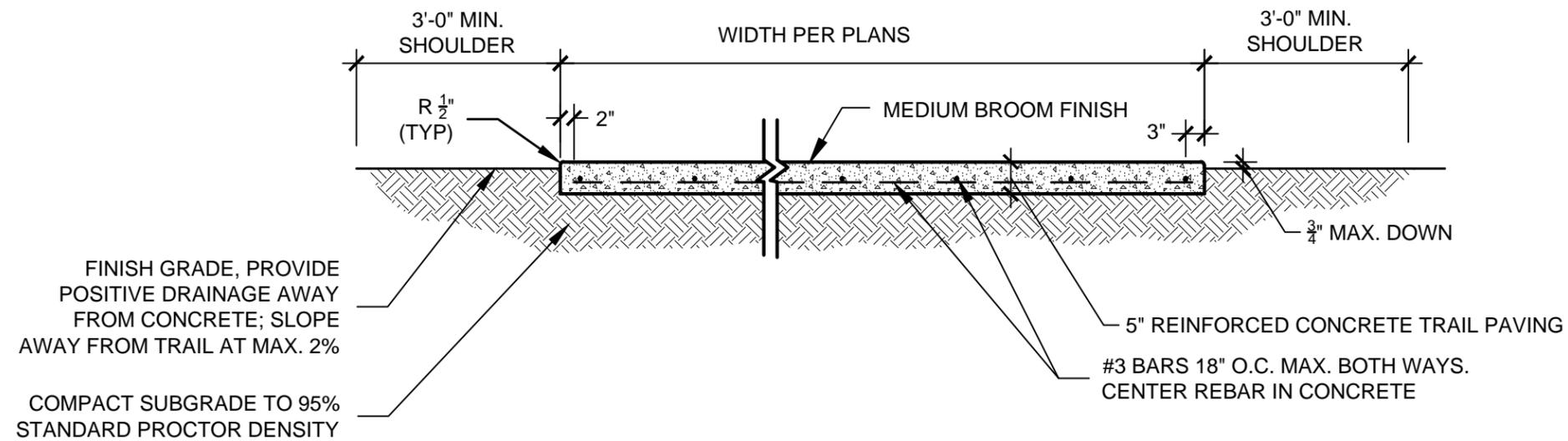
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Standard Construction Details

for
City of Dallas
Park and Recreation Department



GENERAL NOTES:

1. TRAIL PAVING TO HAVE A MAX. 2% CROSS SLOPE AS SHOWN.
2. TRAIL AND SHOULDERS TO HAVE A 10'-0" MIN. CLEARANCE ABOVE TRAIL. PRUNE ALL OVERHANGING TREE LIMBS TO MAINTAIN THIS CLEARANCE.
3. TRAIL PAVING TO BE ON A MAXIMUM 5% LONGITUDINAL SLOPE.
4. TRAIL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
5. TRAIL CONCRETE TO HAVE A MEDIUM BROOM FINISH UNLESS NOTED ON THE PLANS
6. CONCRETE PAVING THICKNESS TO BE MINIMUM OF 5" UNLESS NOTED ON PLANS.
7. COMPACTION REQUIREMENTS NOTED ARE A MINIMUM STANDARD. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC PROJECT REQUIREMENTS WHICH SHALL PREVAIL.

A
1 CONCRETE TRAIL DETAIL

SCALE : 1/2" = 1'-0"

Typical Construction Details

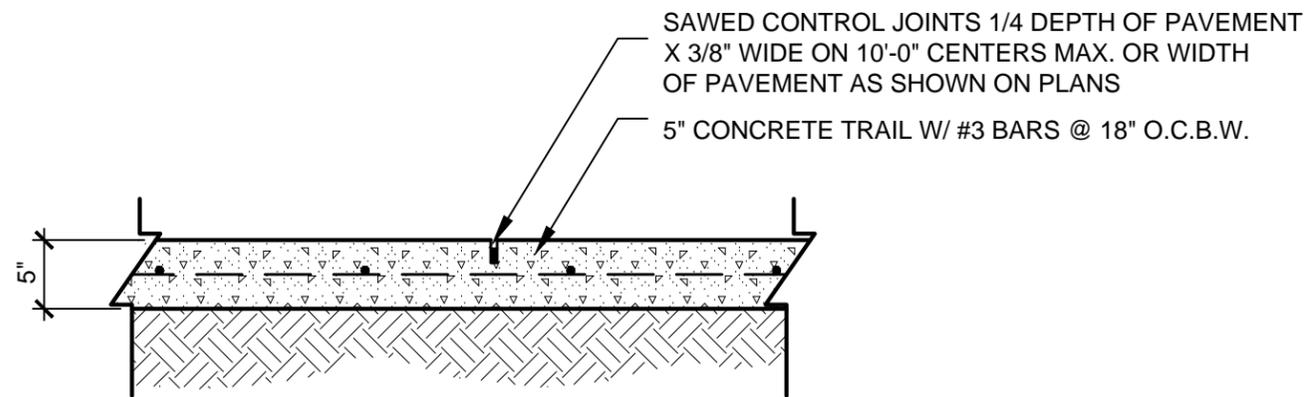
PAVEMENT &
PARKING
DETAILS

CONCRETE
TRAIL
DETAIL

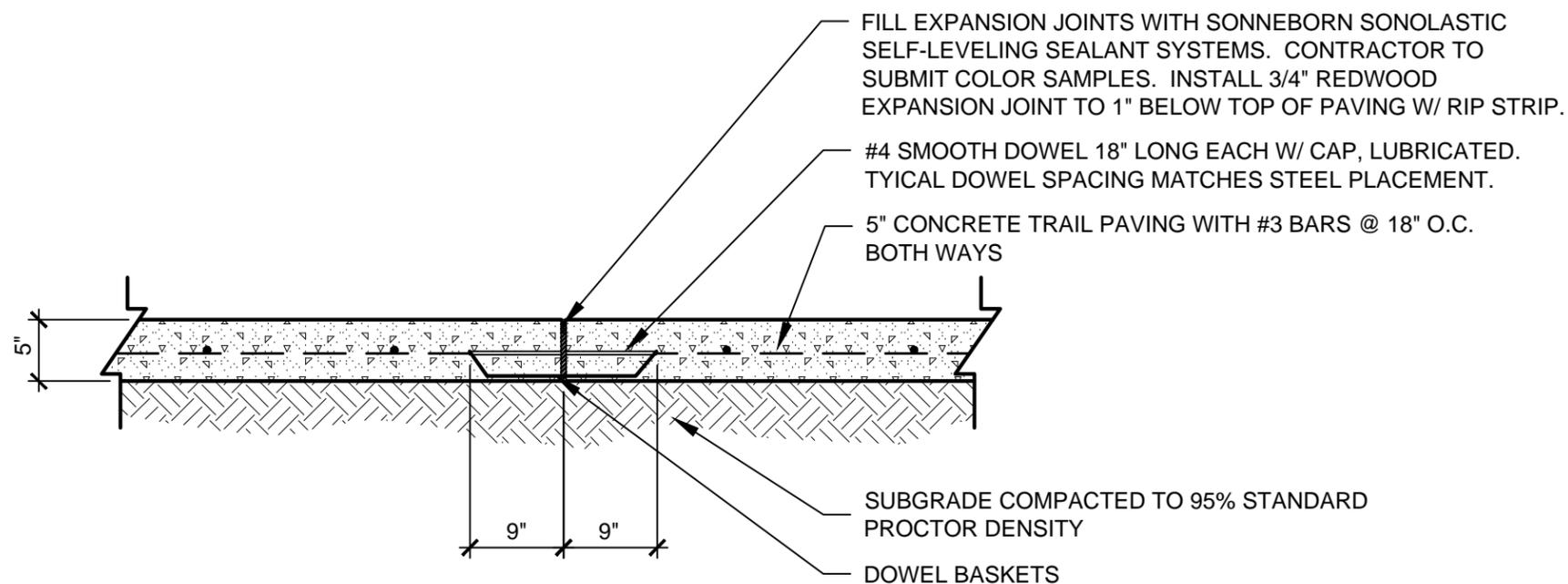
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DETAIL A-1



CONTROL JOINT



DOWELED EXPANSION JOINT

GENERAL NOTES:

1. LOCATE DOWELED EXPANSION JOINTS ON MAXIMUM 100'-0" CENTERS.
2. THE MAXIMUM CONTROL JOINT SPACING SHALL BE THE WIDTH OF THE TRAIL OR AS SHOWN ON THE PLANS.
3. COMPACTION REQUIREMENTS NOTED ARE A MINIMUM STANDARD. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC PROJECT REQUIREMENTS WHICH SHALL PREVAIL.

A
2 DOWELED EXPANSION AND CONTROL JOINT DETAILS

SCALE : 3/4" = 1'-0"

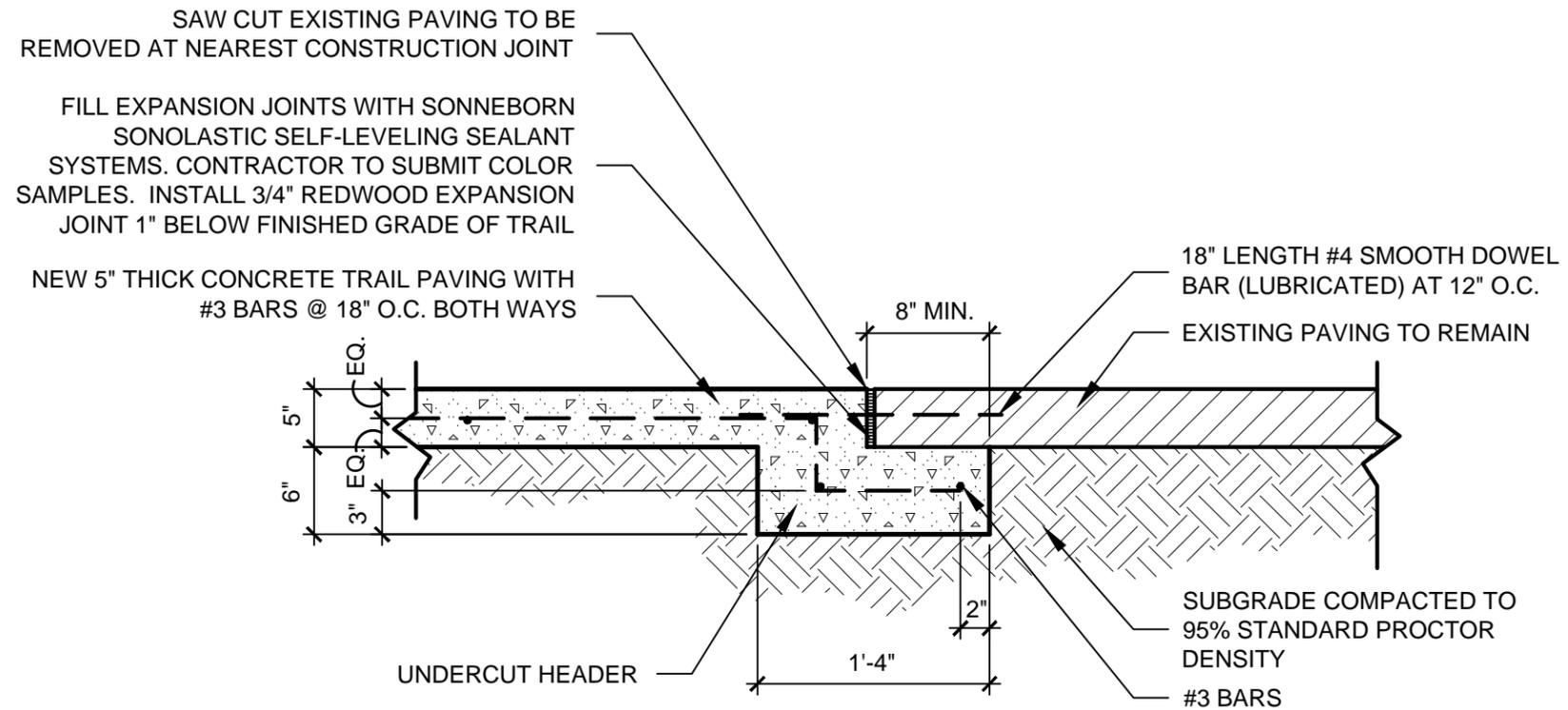
Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
PAVEMENT &
PARKING DETAILS
**DOWELED
EXPANSION
AND CONTROL
JOINT DETAILS**

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DETAIL A-2



GENERAL NOTES:

1. UNDERCUT HEADER TO BE CONTINUOUS ALONG EXISTING PAVEMENT WHERE ADJACENT TO NEW PAVEMENT.
2. NEW PAVEMENT BARS TO BE BENT DOWN INTO HEADER. HEADER AND NEW PAVEMENT TO BE MONOLITHIC.
3. COMPACTION REQUIREMENTS NOTED ARE A MINIMUM STANDARD. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC PROJECT REQUIREMENTS WHICH SHALL PREVAIL.

A
3 UNDERCUT HEADER DETAIL

SCALE : 1" = 1'-0"

Standard Construction Details

for
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Typical Construction Details
PAVEMENT &
PARKING DETAILS
**UNDERCUT
HEADER
DETAIL**

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DETAIL A-3



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Standard Construction Details

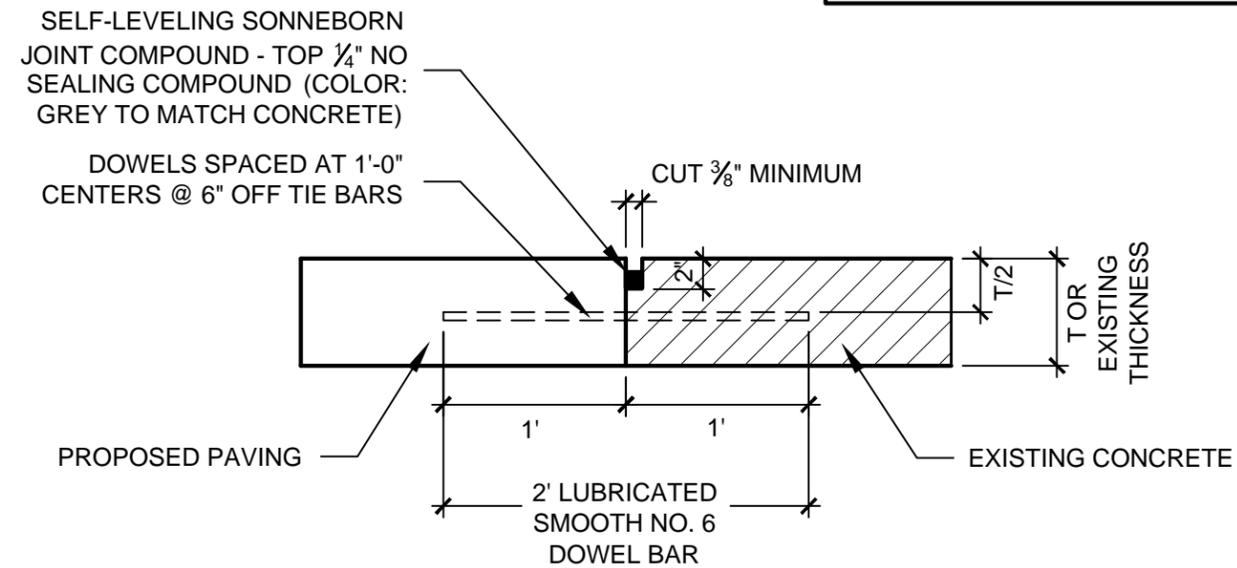
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PAVEMENT &
PARKING DETAILS
LONGITUDINAL
BUTT JOINT
DETAIL

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DETAIL A-4

NOTE:
DOWEL BARS SHALL BE DRILLED INTO PAVEMENT
HORIZONTALLY BY USE OF A MECHANICAL RIG.

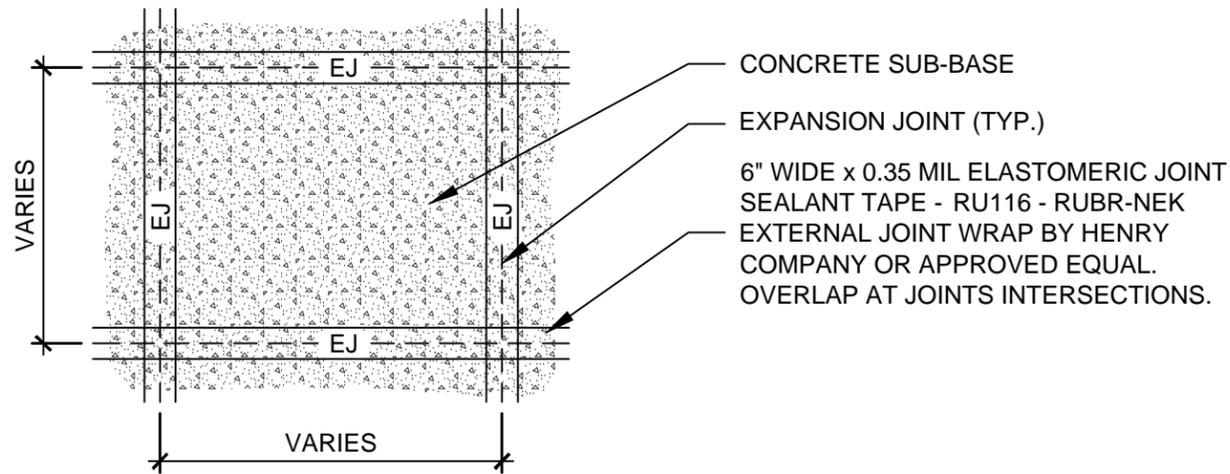


A
4 LONGITUDINAL BUTT JOINT DETAIL

SCALE : 1" = 1'-0"

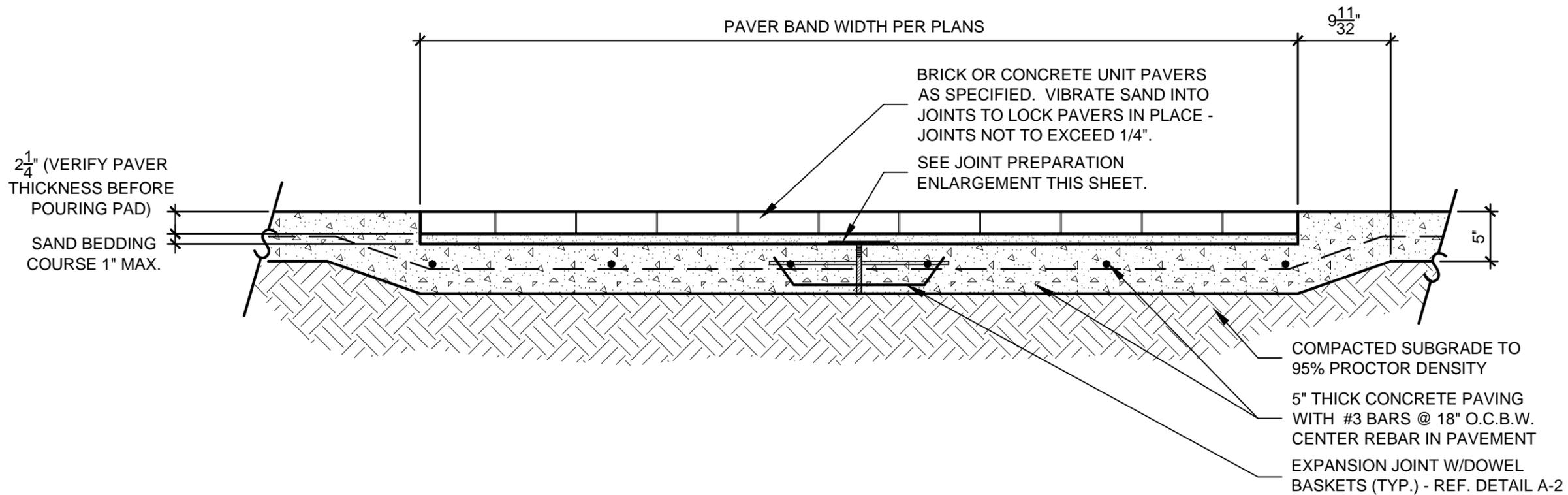


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JOINT PREPARATION ENLARGEMENT

NOT TO SCALE



BRICK/UNIT PAVER NOTES:

1. PAVERS AS SPECIFIED ON THE PLANS.
2. SAND IN THE BEDDING COURSE SHALL BE WASHED WELL GRADED ANGULAR SAND WITH A MAXIMUM SIZE OF 3/16". SAND CONFORMING TO ASTM C33 FOR CONCRETE AGGREGATES IS ACCEPTABLE. DO NOT USE MASONS SAND.
3. PAVERS TO BE LAID TO THE LINE AND GRADES SHOWN ON THE GRADING PLAN.
4. POLYMERIC JOINTING SAND TO BE SWEEP AND/OR VIBRATED BETWEEN PAVERS TO LOCK INTO PLACE (REFERENCE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION).
5. CONTRACTOR TO SUBMIT SUB-BASE JOINT PLAN FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
6. COMPACTION REQUIREMENTS NOTED ARE A MINIMUM STANDARD. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC PROJECT REQUIREMENTS WHICH SHALL PREVAIL.

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Typical Construction Details
PAVEMENT &
PARKING DETAILS

**BRICK/UNIT
PAVER
DETAIL**

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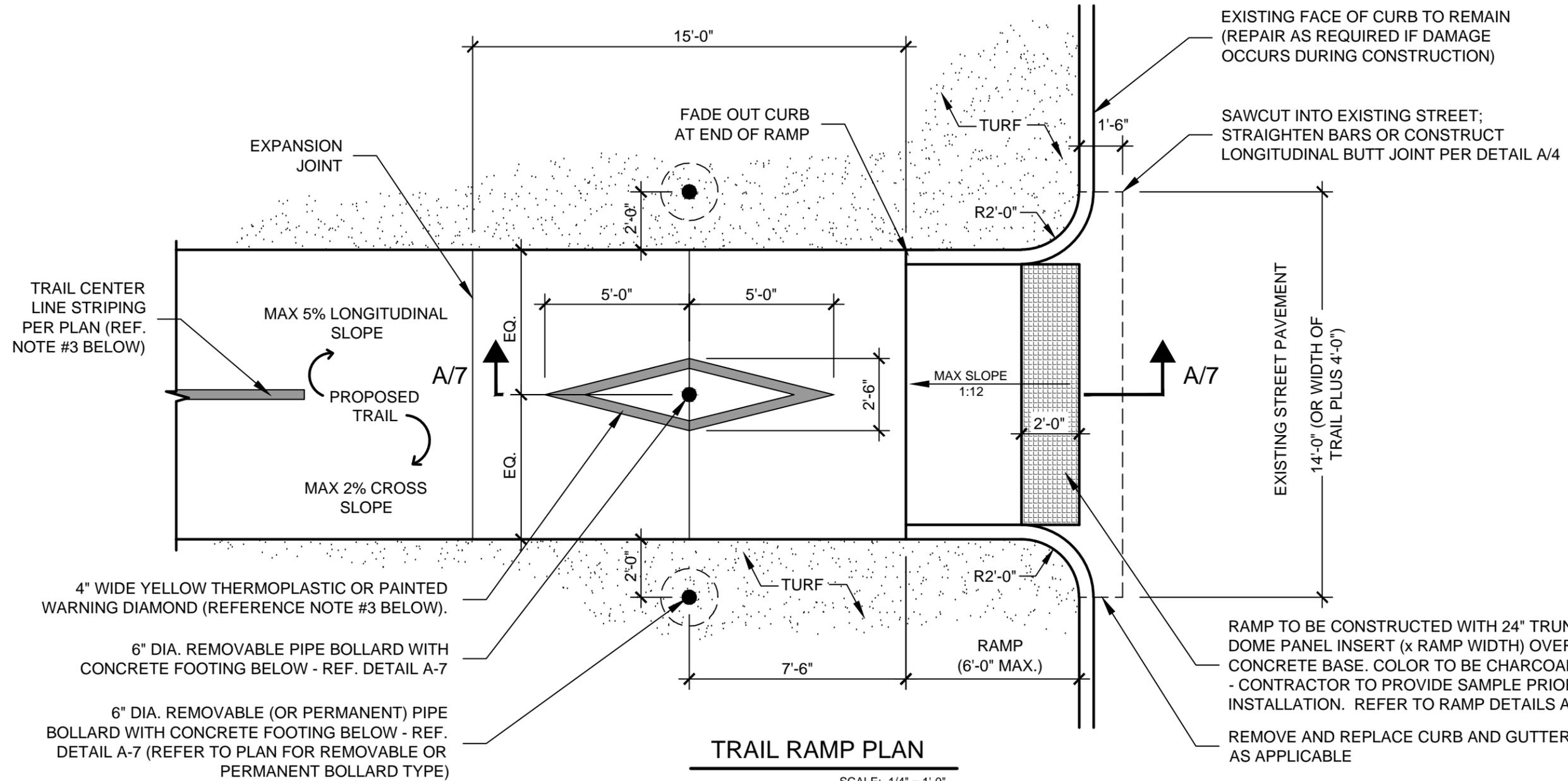
A
5 **BRICK/UNIT PAVER DETAIL**

SCALE : 1" = 1'-0"

DETAIL A-5



scale:
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TRAIL RAMP PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO PLAN FOR RAMP LOCATIONS.
2. ALL DIMENSIONS AND MATERIALS FOR RAMPS SHALL COMPLY WITH SECTIONS 405, 406 AND 705 OF THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
3. ALL STRIPING TO CONFORM TO SECTION 3 OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. UNLESS SPECIFIED OTHERWISE, ALL RAMPS TO BE CONSTRUCTED WITH 24" TRUNCATED DOME PANEL INSERT (x RAMP WIDTH) OVER CONCRETE BASE. COLOR TO BE CHARCOAL GREY - CONTRACTOR TO PROVIDE SAMPLE PRIOR TO INSTALLATION.

Standard Construction Details
for
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Typical Construction Details
PAVEMENT &
PARKING DETAILS

**TRAIL RAMP
DETAILS**

issue date	_____
revisions	_____



Standard Construction Details

for
City of Dallas
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Typical Construction Details
PAVEMENT & PARKING
DETAILS

ACCESSIBLE PARKING
AREA STRIPING AND
PARALLEL RAMP
DETAIL
(ABUTTING SIDEWALK)

issue date

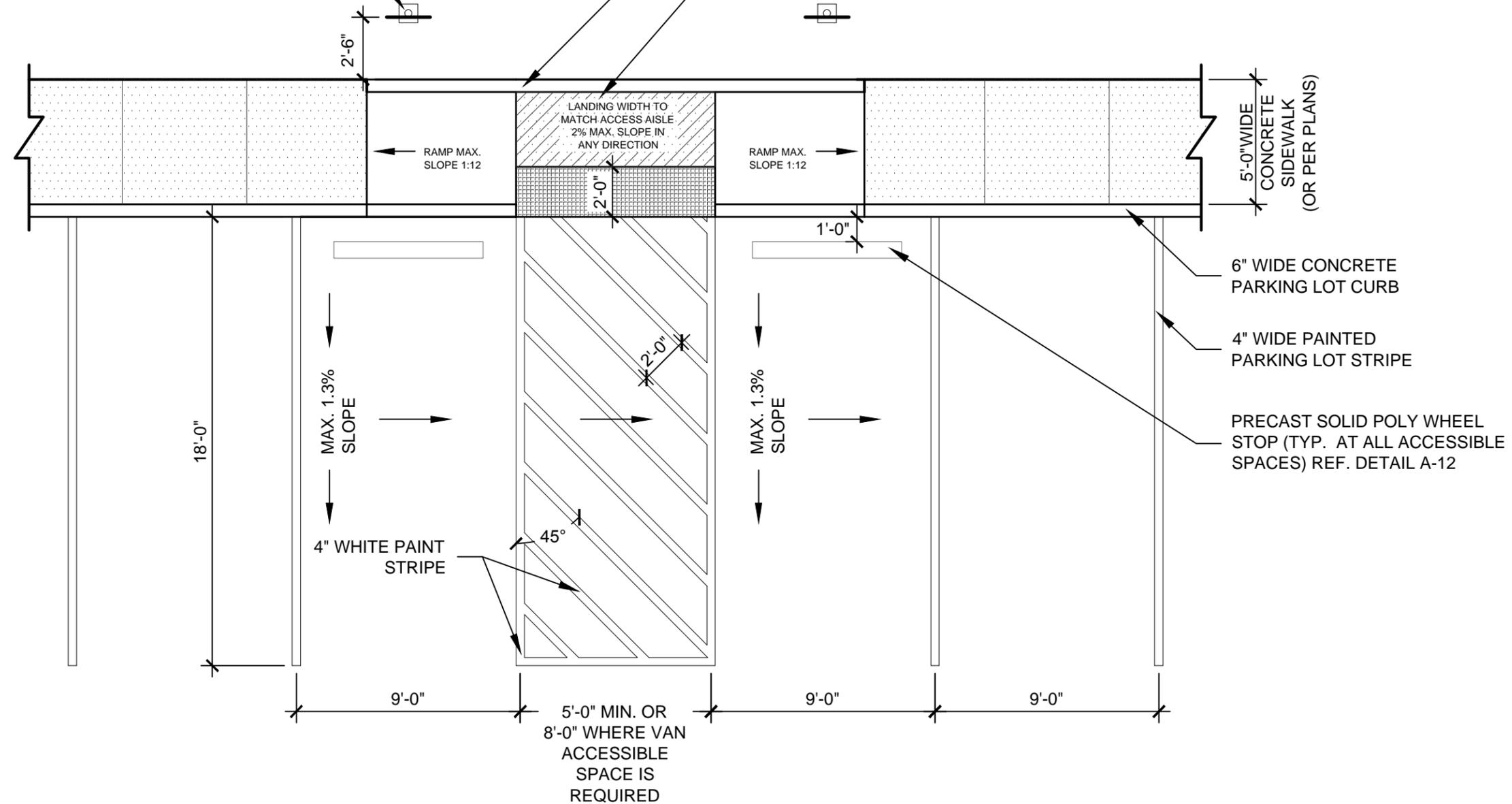
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DETAIL A-8

ACCESSIBLE SPACE SIGNAGE (TYP)
- REF. DETAIL A-11. SIGN TO BE
CENTERED ON ACCESSIBLE
PARKING SPACE

CONSTRUCT 6" WIDE CONCRETE CURB TO END OF RAMPS OR AS NEEDED TO
PREVENT DIRECT SURFACE DRAINAGE ONTO RAMPS AND/OR LANDING AREA

ACCESS AISLE TO BE CONSTRUCTED WITH 24" TRUNCATED DOME PANEL
INSERT (x AISLE WIDTH) OVER CONCRETE BASE. COLOR TO BE CHARCOAL
GREY - CONTRACTOR TO PROVIDE SAMPLE PRIOR TO INSTALLATION.



GENERAL NOTES:

1. MAXIMUM GRADE IN ANY DIRECTION FOR BARRIER FREE ACCESSIBLE SPACES TO BE 2%.
2. MAXIMUM LONGITUDINAL GRADE FOR ACCESSIBLE PATHS SHALL NOT EXCEED 5% WITH A MAXIMUM CROSS SLOPE OF 2%.

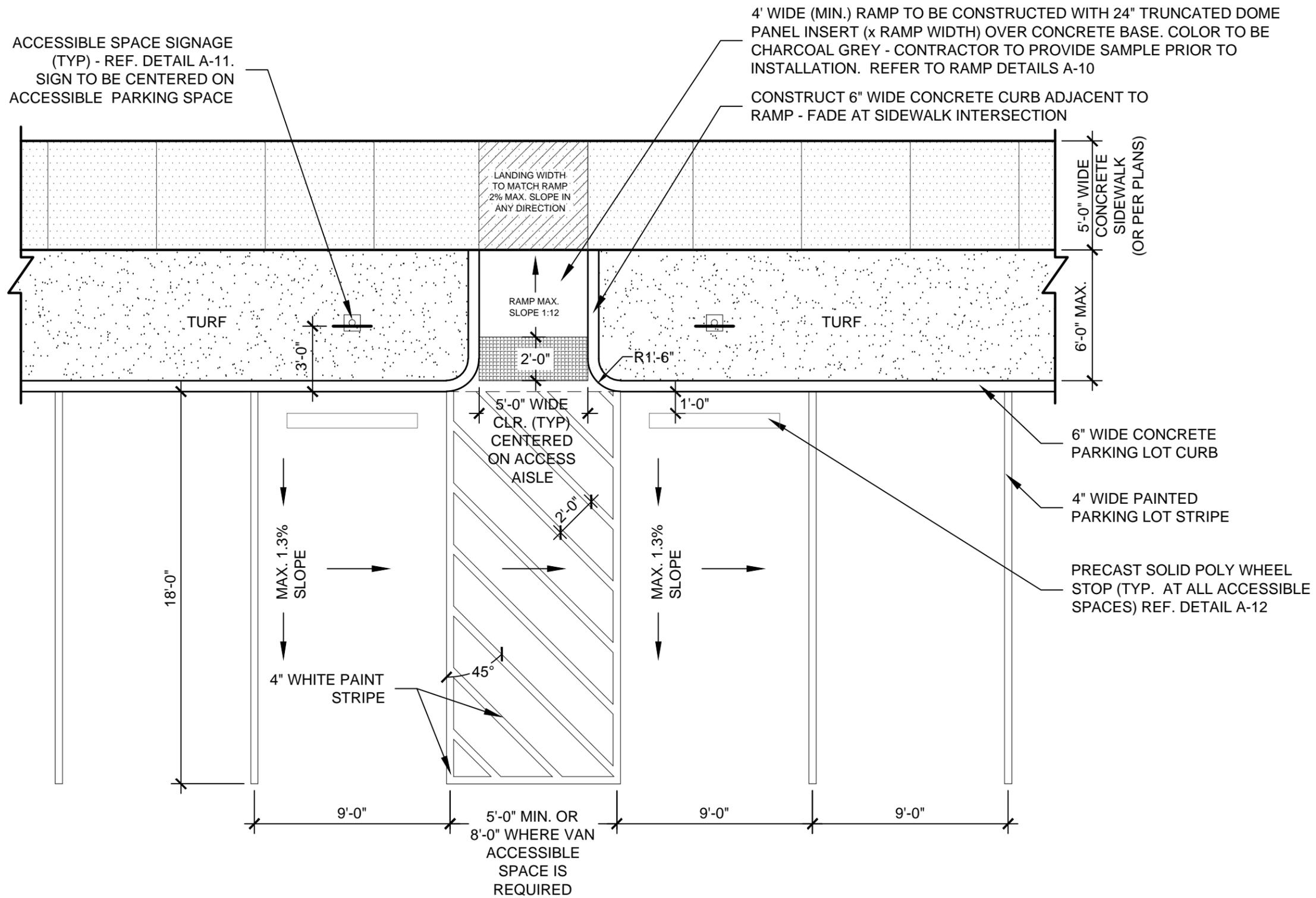
A
8

ACCESSIBLE PARKING AREA STRIPING AND PARALLEL RAMP DETAIL - ABUTTING SIDEWALK

SCALE : 1"= 5'-0"



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GENERAL NOTES:

1. MAXIMUM GRADE IN ANY DIRECTION FOR BARRIER FREE ACCESSIBLE SPACES TO BE 2%.
2. MAXIMUM LONGITUDINAL GRADE FOR ACCESSIBLE PATHS SHALL NOT EXCEED 5% WITH A MAXIMUM CROSS SLOPE OF 2%.

Standard Construction Details

for
City of Dallas
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Typical Construction Details
PAVEMENT &
PARKING DETAILS
ACCESSIBLE
PARKING AREA
STRIPING AND CURB
RAMP DETAIL
(ABUTTING TURF)

issue date

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A
9

ACCESSIBLE PARKING AREA STRIPING AND CURB RAMP DETAIL - ABUTTING TURF

SCALE : 1"= 5'-0"

DETAIL A-9



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for
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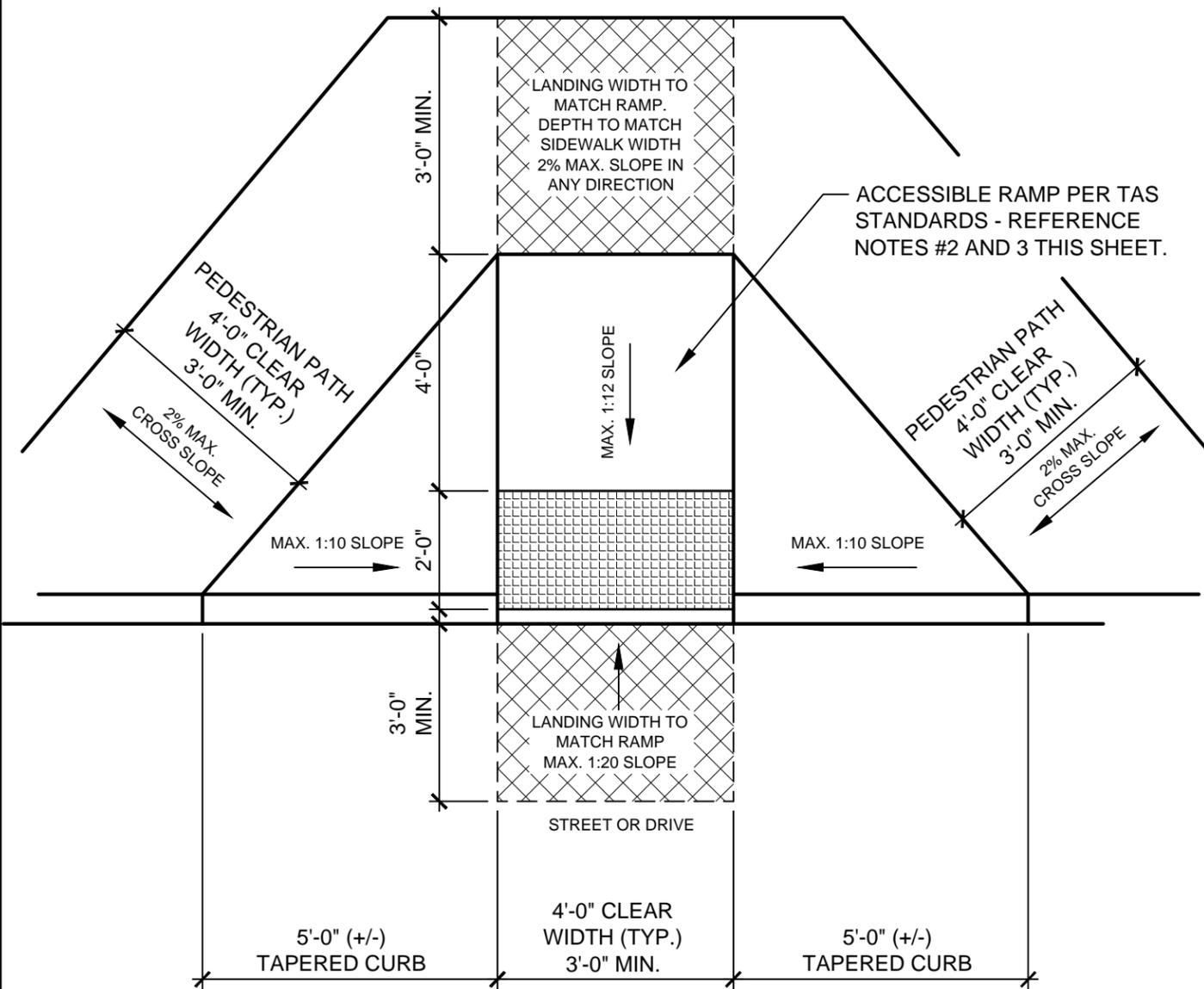
Typical Construction Details
**PARKING & PAVING
DETAILS**

**ACCESSIBLE
RAMP PLAN**

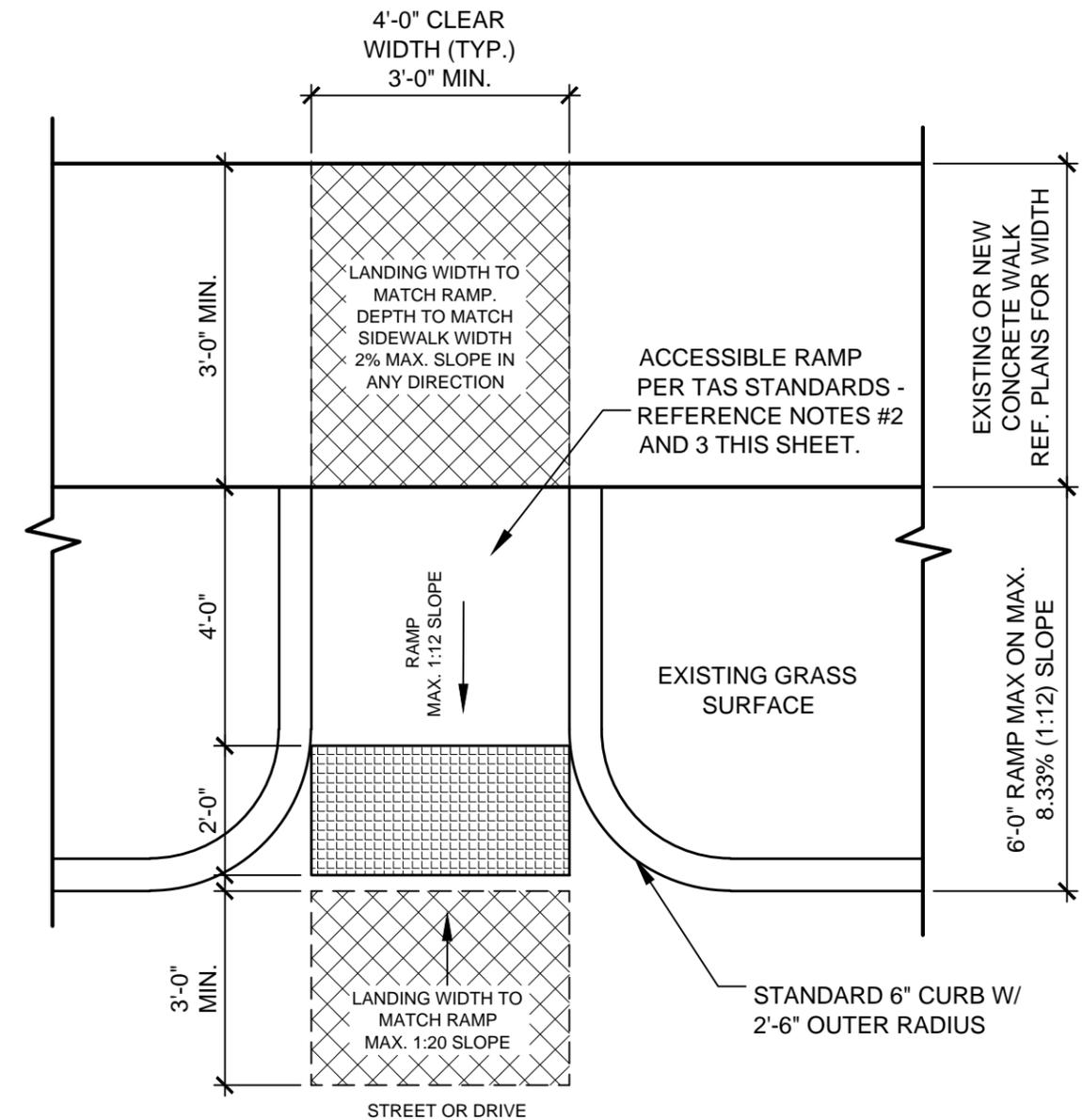
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DETAIL A-10



FLARED RAMP



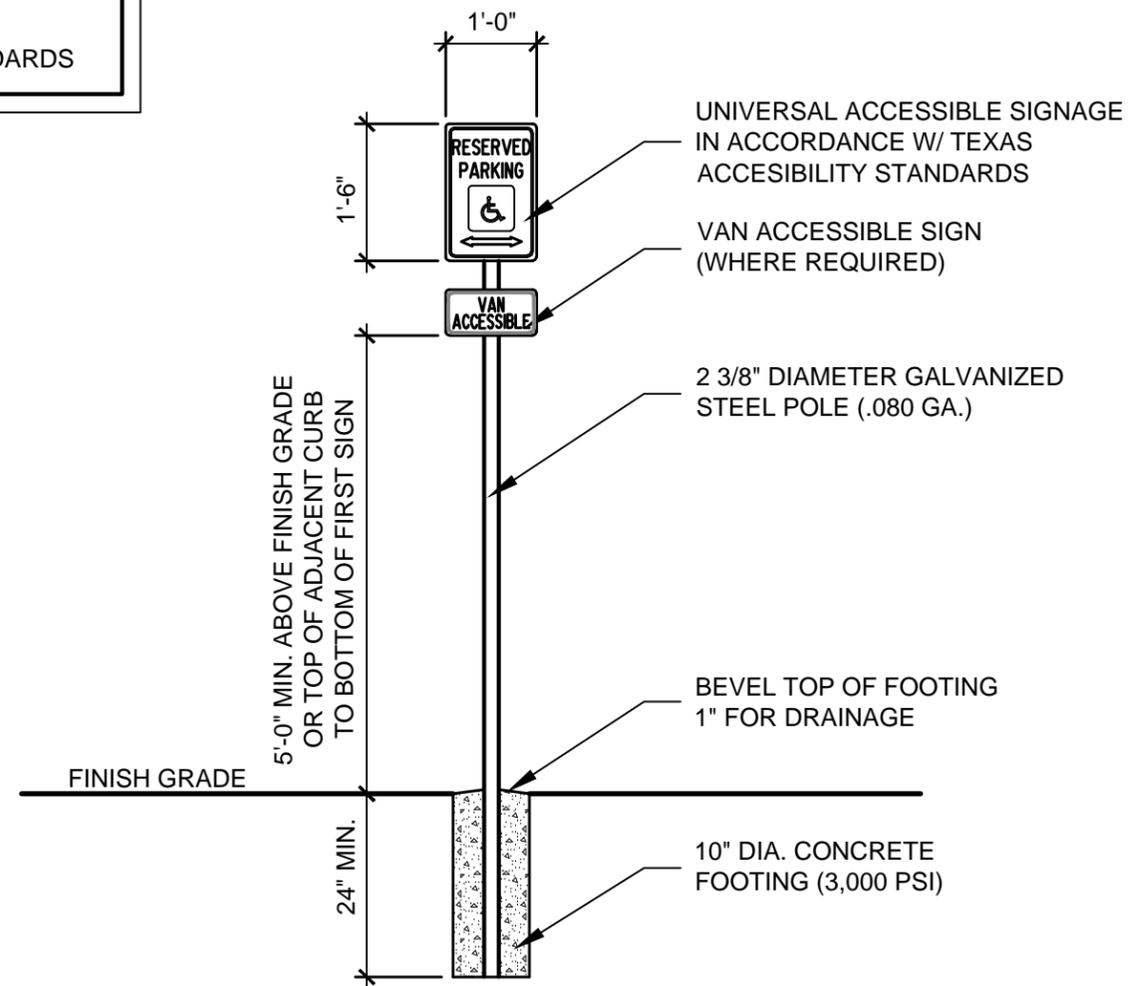
STRAIGHT RAMP

GENERAL NOTES:

1. REFER TO PLAN FOR RAMP LOCATIONS.
2. ALL DIMENSIONS AND MATERIALS FOR RAMPS SHALL COMPLY WITH SECTIONS 405, 406 AND 705 OF THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
3. UNLESS SPECIFIED OTHERWISE, ALL RAMPS TO BE CONSTRUCTED WITH 24" TRUNCATED DOME PANEL INSERT (x RAMP WIDTH) OVER CONCRETE BASE. COLOR TO BE CHARCOAL GREY - CONTRACTOR TO PROVIDE SAMPLE PRIOR TO INSTALLATION.
4. AREAS DENOTED AS "PEDESTRIAN PATH" SHALL BE CONCRETE OR OTHER ACCESSIBLE SURFACE MATERIAL AS DEFINED BY THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).



NOTE:
SIGNAGE TO BE IN ACCORDANCE
WITH TEXAS ACCESSIBILITY STANDARDS



Standard Construction Details

for
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Typical Construction Details
PAVEMENT &
PARKING DETAILS
HANDICAP
PARKING
SIGNAGE
DETAIL

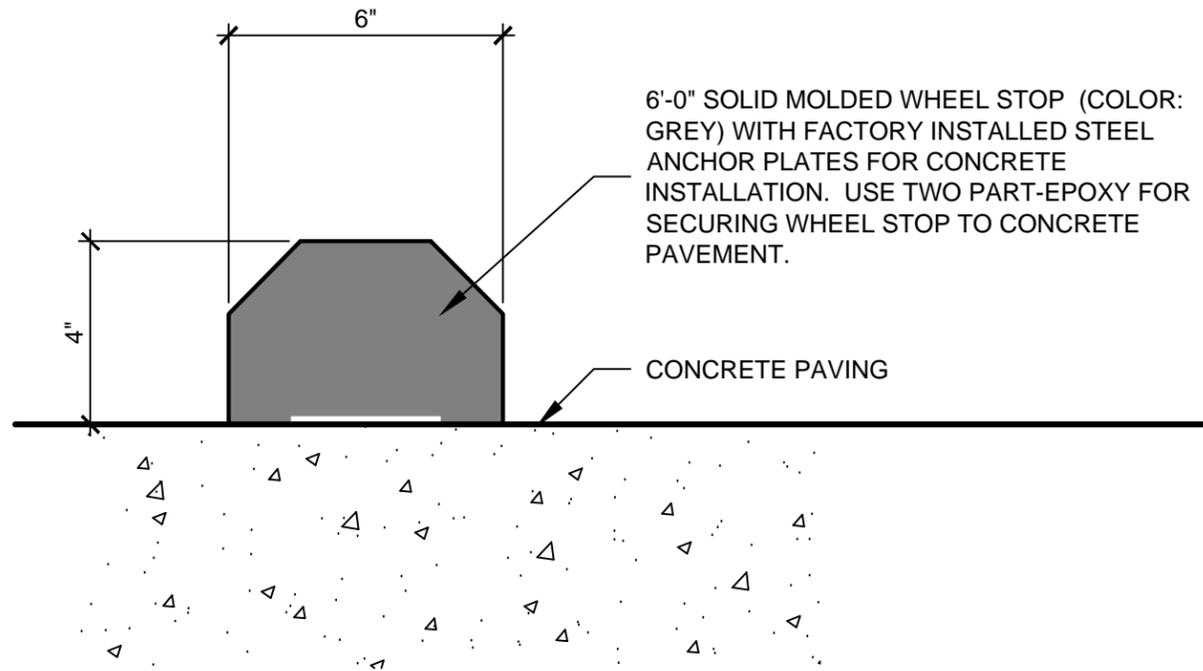
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A ACCESSIBLE PARKING SIGNAGE DETAIL
11

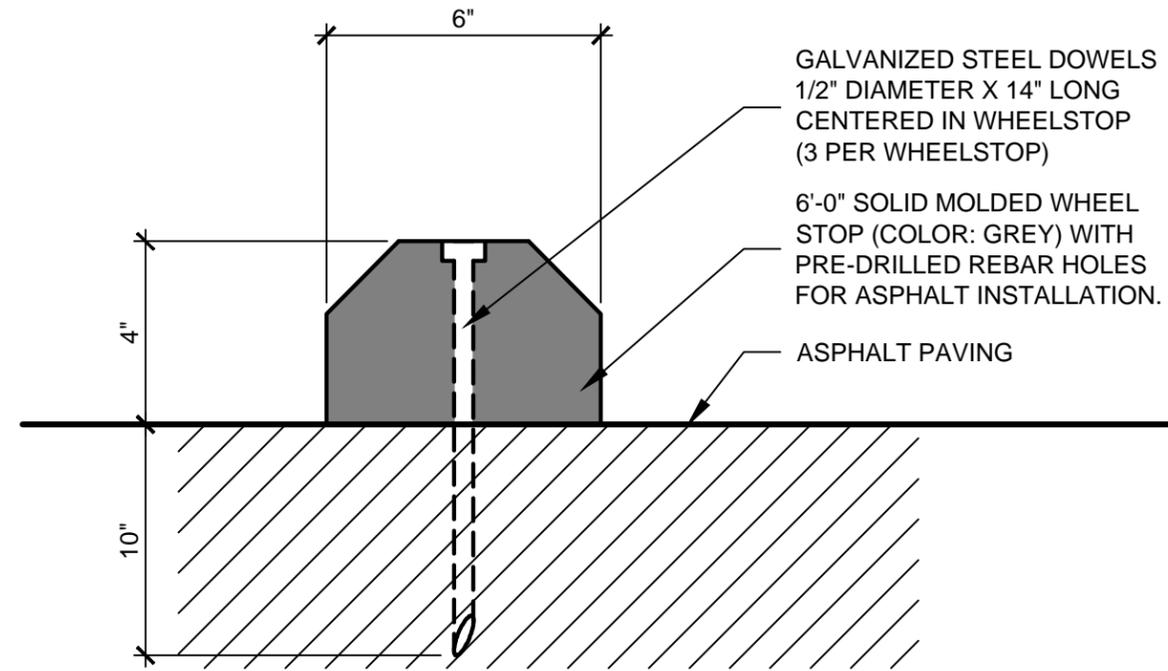
SCALE: 1/2" = 1'-0"



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CONCRETE SURFACE



ASPHALT SURFACE

GENERAL NOTES:

1. REFER TO PLAN FOR WHEEL STOP LOCATIONS.
2. REFERENCE TECHNICAL SPECIFICATIONS FOR LIST OF APPROVED MANUFACTURERS.
3. INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. TWO-PART EPOXY USED FOR CONCRETE SURFACE INSTALLATIONS SHALL BE COMMERCIAL GRADE. CONTRACTOR TO SUBMIT PRODUCT DATA FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

A
12

SOLID MOLDED PLASTIC WHEEL STOP DETAIL

SCALE : 3" = 1'-0"

Standard Construction Details

for
City of Dallas
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Typical Construction Details
PAVEMENT &
PARKING DETAILS

**SOLID MOLDED
PLASTIC
WHEEL STOP
DETAIL**

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DETAIL A-12



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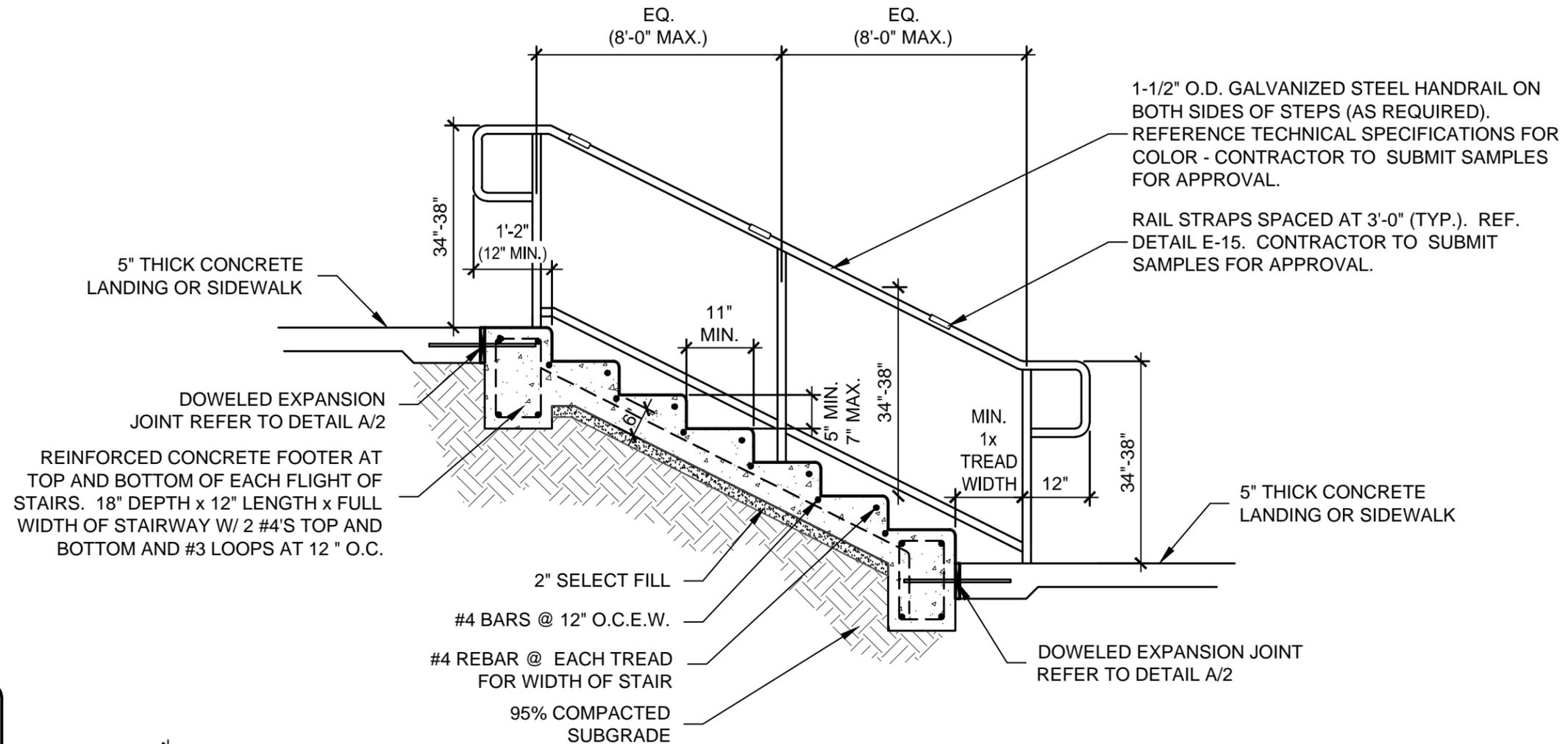
Typical Construction Details
PAVEMENT &
PARKING
DETAILS

TYPICAL STAIR
SECTION

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DETAIL A-13



NOTES:

REF. GRADING PLAN FOR NUMBER OF STEPS AND DIMENSION OF TREADS AND RISER HEIGHT.

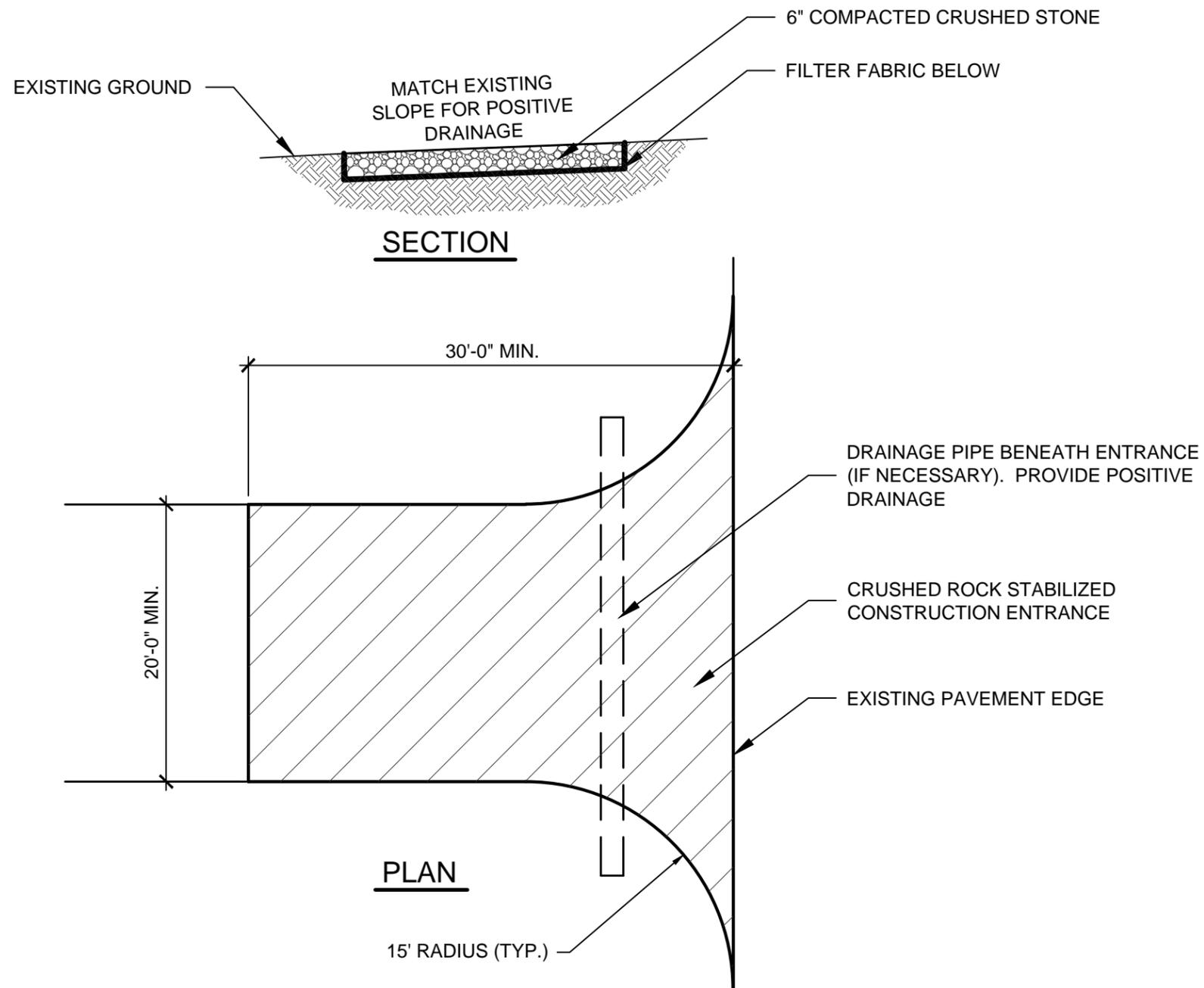
R = RISER HT. PLUS TREAD SLOPE

GENERAL NOTES:

1. REFER TO PLAN FOR STEP TREAD AND RISER QUANTITY AND DIMENSIONS.
2. SLOPE TREAD @ 1.0% MAX FOR DRAINAGE.
3. UNLESS NOTED OTHERWISE, STAIR FINISH SHALL BE A NON-SLIP HORIZONTAL BROOM FINISH.
4. ALL DIMENSIONS AND MATERIALS FOR STAIRS SHALL COMPLY WITH SECTIONS 504 AND 505 OF THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
5. POSTS SHALL BE SURFACE MOUNTED, CORED, SLEEVED OR SET IN POST FOOTERS - REFERENCE TECHNICAL SPECIFICATIONS AND/OR PROJECT SPECIFIC DETAIL FOR MOUNTING.

A TYPICAL STAIR DETAILS
13

SCALE: 1/2" = 1'-0"



GENERAL NOTES:

1. CRUSHED STONE FOR CONSTRUCTION ENTRANCE SHALL BE 2"- 3" AT GREATEST DIMENSION AND SHALL BE INSTALLED TO A COMPACTED DEPTH OF SIX INCHES.
2. FILTER FABRIC IS TO BE MIRAFI 100X OR EQUAL
3. IF CONSTRUCTION ENTRANCE CROSSES A DRAINAGE DITCH, SWALE, ETC., A DRAINAGE PIPE SHALL BE INSTALLED WITH A MIN. 12" OF COVER OVER CRUSHED STONE.
4. REMOVE AND DISPOSE OF OFF-SITE STABILIZED CONSTRUCTION ENTRANCE WHEN PROJECT IS COMPLETE. REPAIR ALL DAMAMGE INCLUDING RE-GRADING AND RE-GRASSING.

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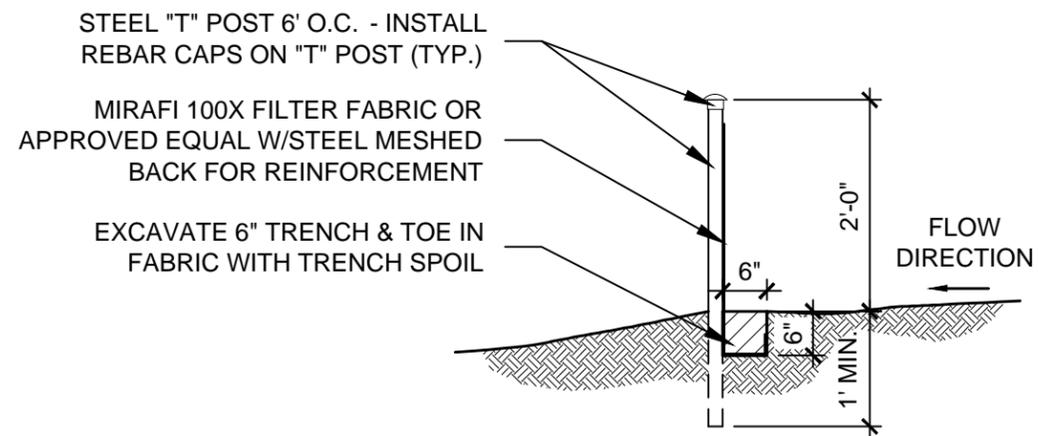
Typical Construction Details
 PAVEMENT &
 PARKING DETAILS
**STABILIZED
 CONSTRUCTION
 ENTRANCE
 PLAN**

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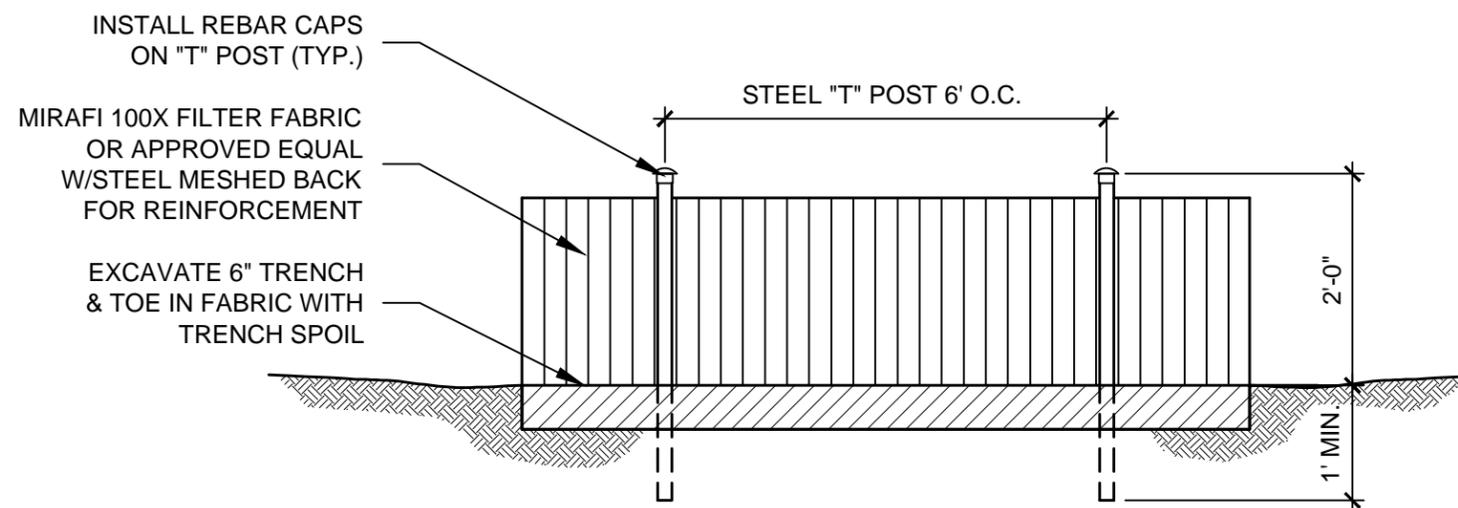
DETAIL A-14



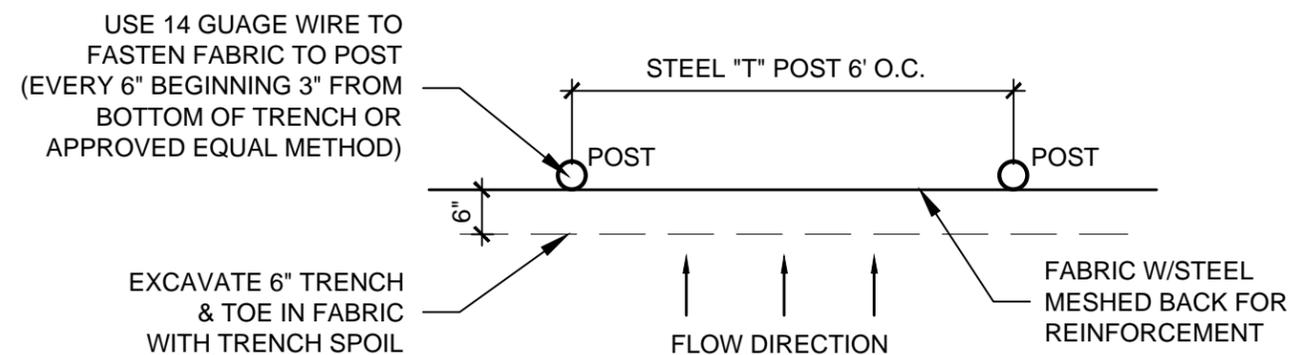
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SECTION



ELEVATION



PLAN

SILT FENCE NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWN SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.
3. THE TRENCH SHOULD BE A MINIMUM OF SIX INCHES DEEP AND SIX INCHES WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST.
5. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED IS USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF SIX INCHES AND DISPOSED OF IN AN APPROVED SPOIL SITE OR AS IN No. 7 ABOVE.
9. FILTER FABRIC IS TO BE MIRAFI 100X OR APPROVED EQUAL.
10. CONTRACTOR TO REMOVE SILT FENCE UPON COMPLETION OF PROJECT. DAMAGED AREAS TO BE REPAIRED INCLUDING RE-GRADING AND RE-GRASSING AS NECESSARY.
11. ALL EROSION CONTROL DEVICES AND REQUIREMENTS TO BE IN ACCORDANCE WITH NCTCOG BMP EROSION CONTROL MANUAL AND PLANS AND SPECIFICATIONS.
12. UNLESS APPROVED BY OWNER, EROSION CONTROL FENCING SHALL BE USED IN AREAS WITH NO TREES ONLY.

Standard Construction Details

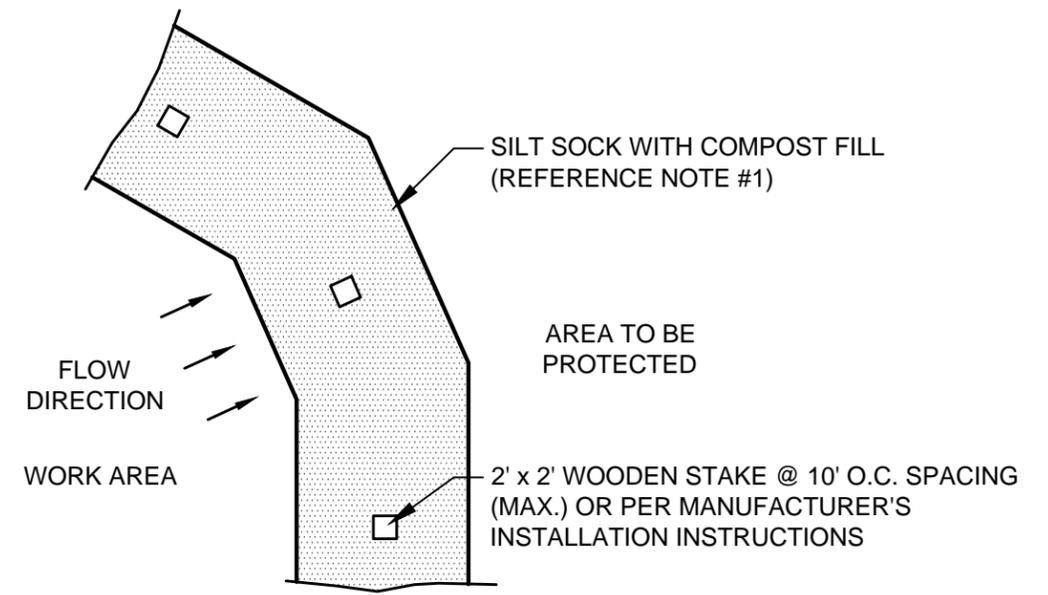
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PAVEMENT &
PARKING DETAILS

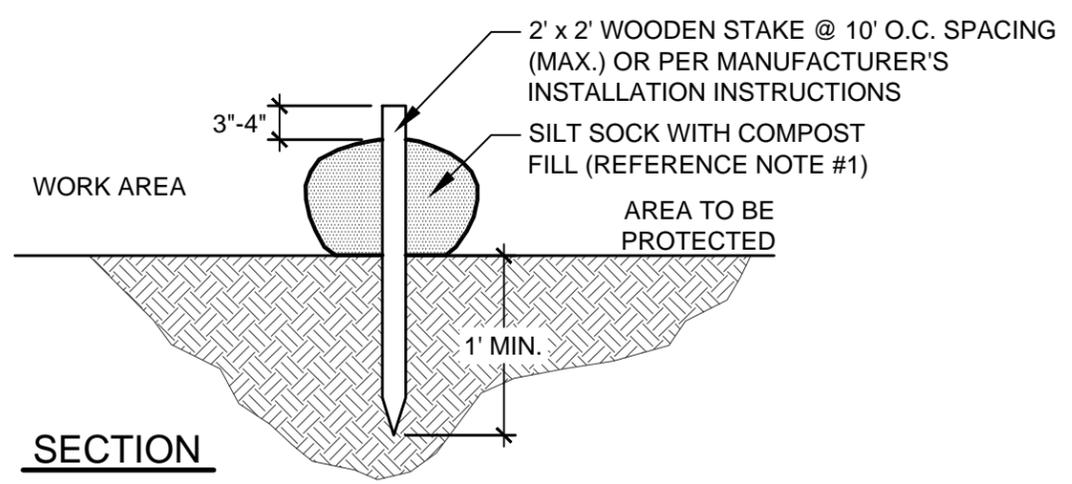
**SILT FENCE
DETAILS**

issue date

revisions



PLAN



SECTION

SILT SOCK NOTES:

1. REFERENCE PLAN AND/OR TECHNICAL SPECIFICATIONS FOR SILT SOCK SIZE, FILL MATERIAL AND APPROVED MANUFACTURERS.
2. THE SILT SOCK SHALL BE PLACED AT LOCATIONS INDICATED ON PLANS AND SHOULD BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREA.
3. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING A WORKING EROSION CONTROL SYSTEM AND MAY, WITH APPROVAL OF THE OWNER'S REPRESENTATIVE, WORK OUTSIDE THE MINIMUM CONSTRUCTION REQUIREMENTS AS NEEDED.
4. THE CONTRACTOR SHALL MAINTAIN THE SILT SOCK IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE SILT SOCK WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE DEVICE OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. SEDIMENT TRAPPED BY THIS PRACTICE SHALL BE DISPOSED OF IN AN APPROVED SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
6. THE COMPOST FILL WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE OWNER'S REPRESENTATIVE.

A SILT SOCK DETAIL
16

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
PAVEMENT &
PARKING DETAILS

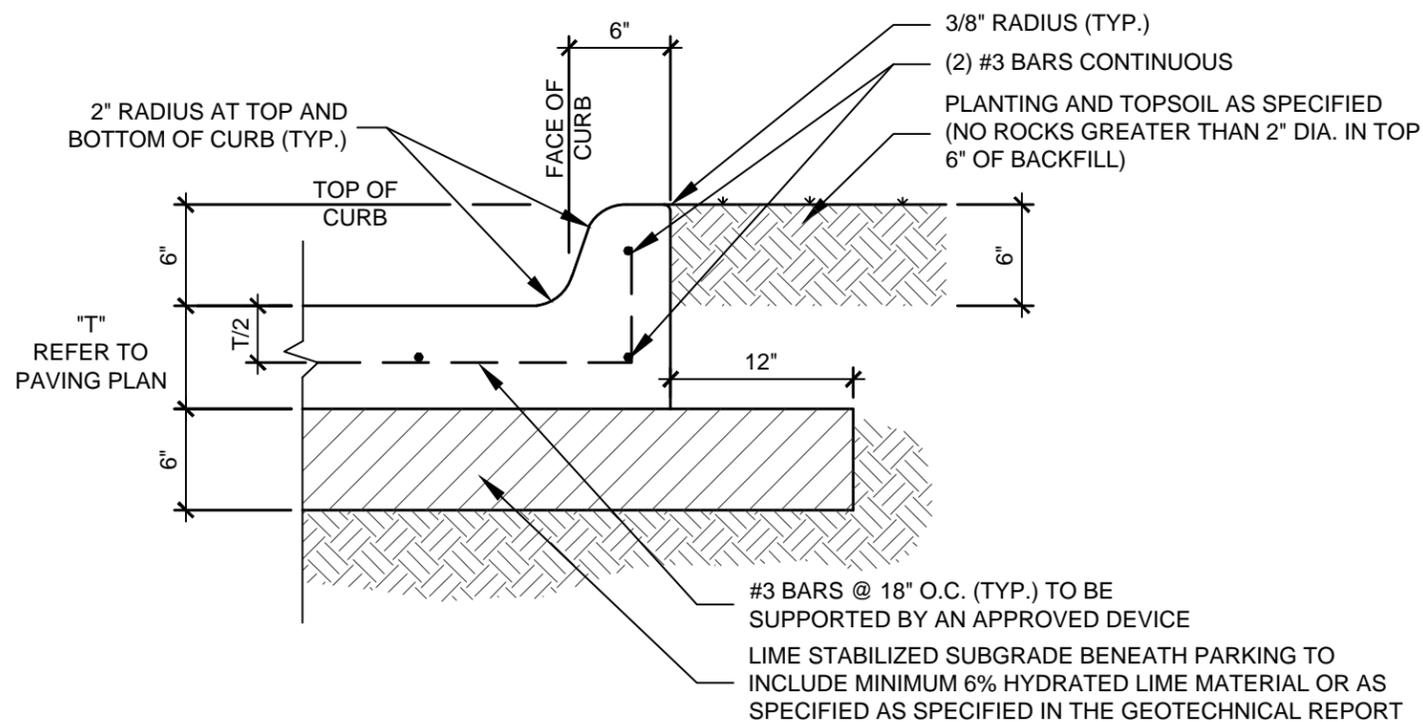
SILT SOCK
DETAILS

issue date	_____
revisions	_____

DETAIL A-16

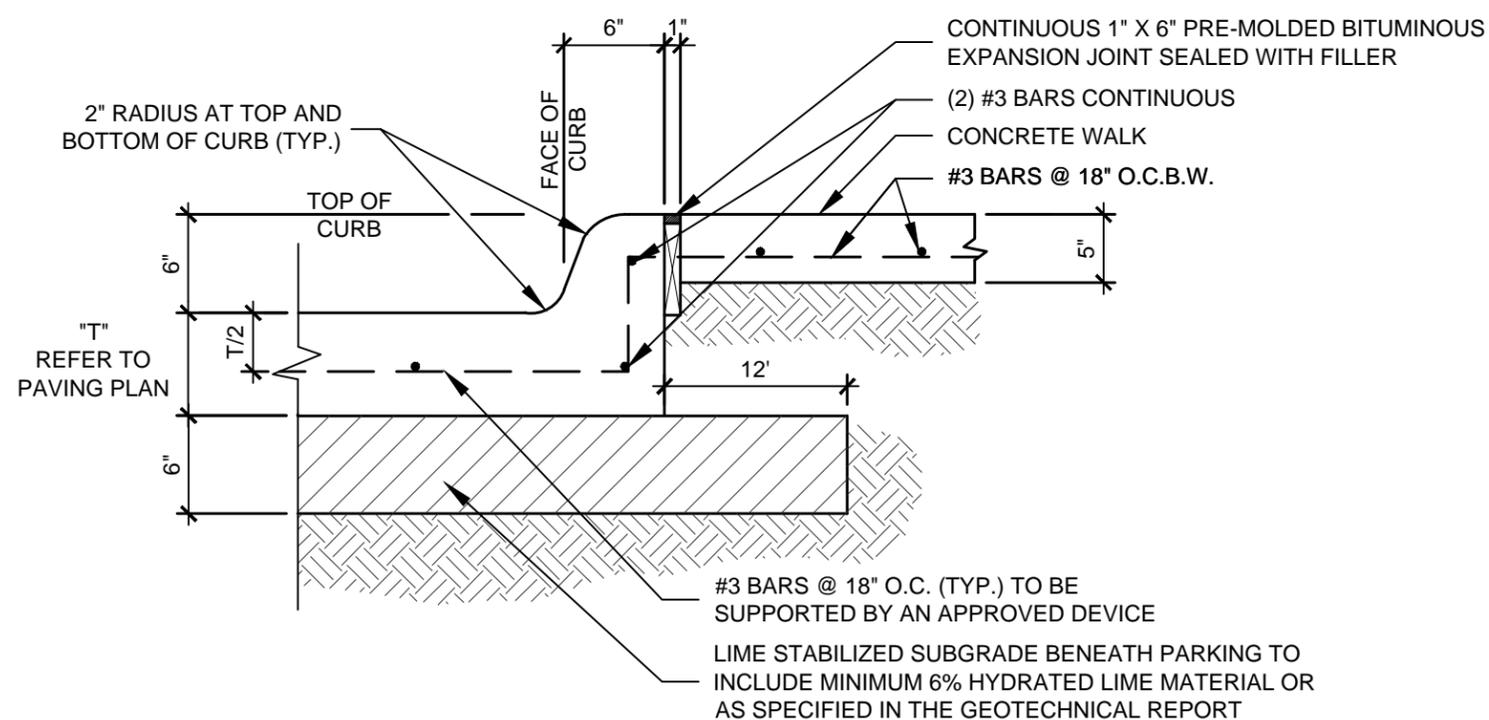


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dsnd:
drawn:
approved:



INTEGRAL CURB AND GUTTER DETAIL FOR ON-SITE PAVEMENT ONLY

NOT TO SCALE



INTEGRAL CURB AND GUTTER W/ WALK DETAIL FOR ON-SITE PAVEMENT ONLY

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

PAVEMENT &
PARKING
DETAILS

PARKING LOT
DETAILS

issue date

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Standard Construction Details

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Typical Construction Details

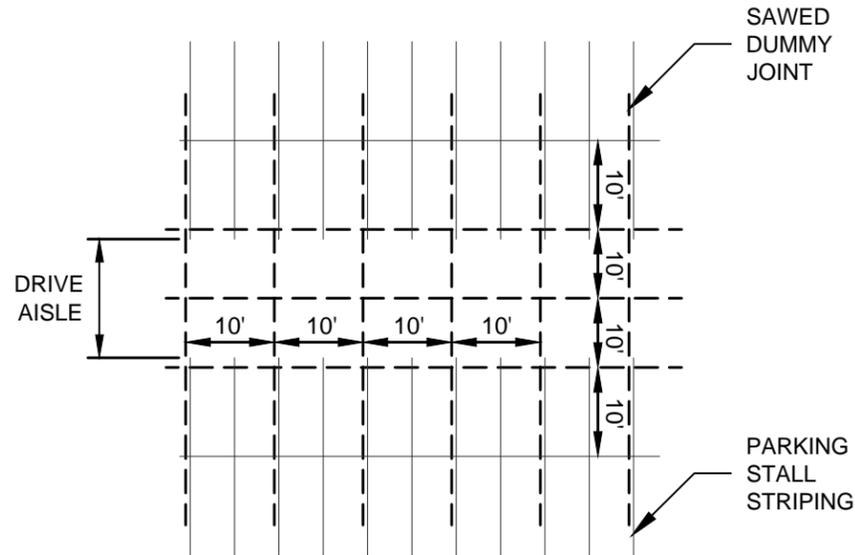
PAVEMENT &
PARKING
DETAILS

PARKING LOT
DETAILS

issue date

revisions

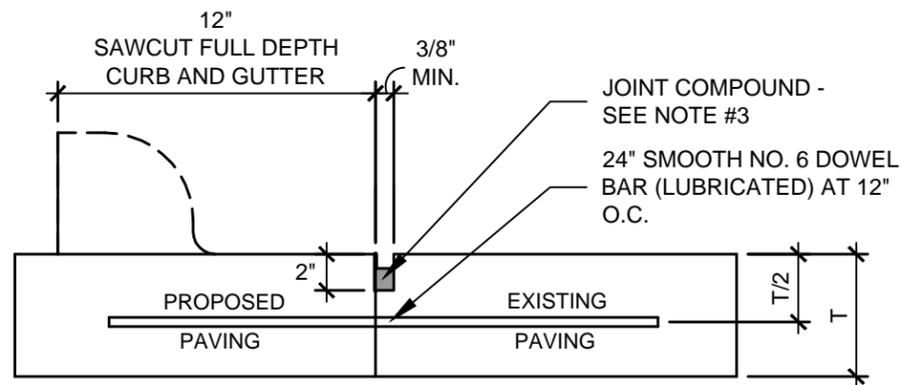
DETAIL A-18



TYPICAL SAWED DUMMY JOINT LAYOUT

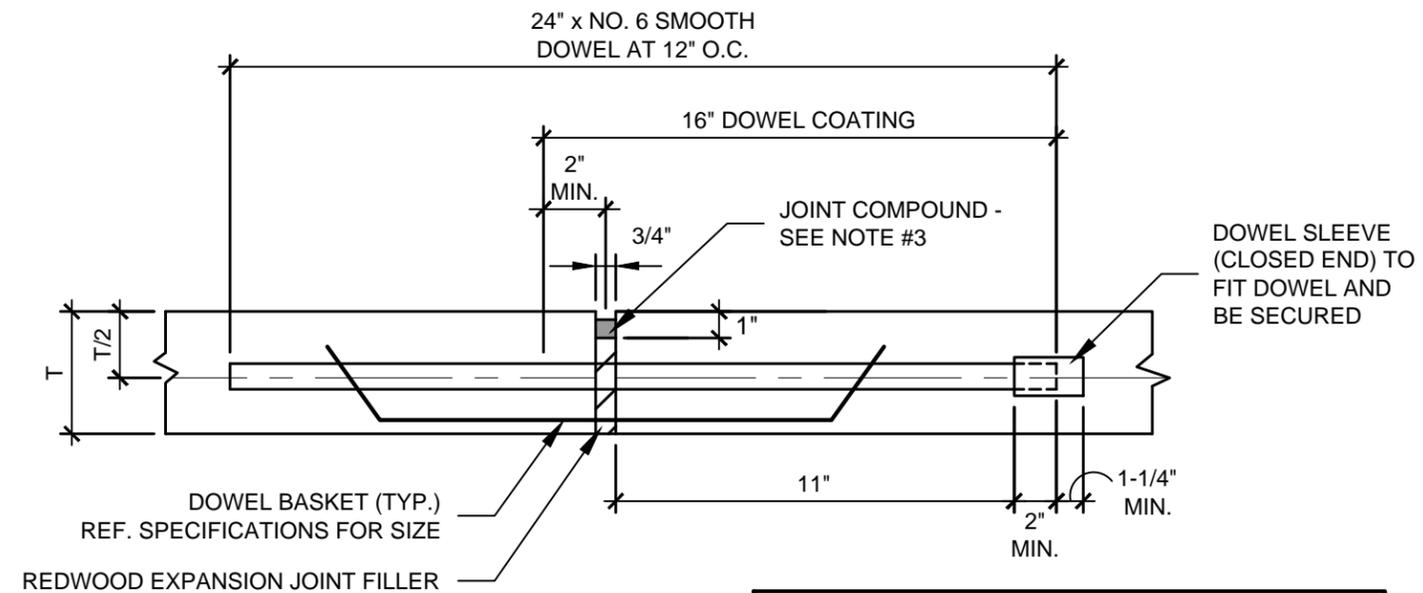
NOT TO SCALE

NOTE:
DOWEL BARS SHALL BE DRILLED INTO PAVEMENT
HORIZONTALLY BY USE OF A MECHANICAL RIG.



LONGITUDINAL BUTT JOINT

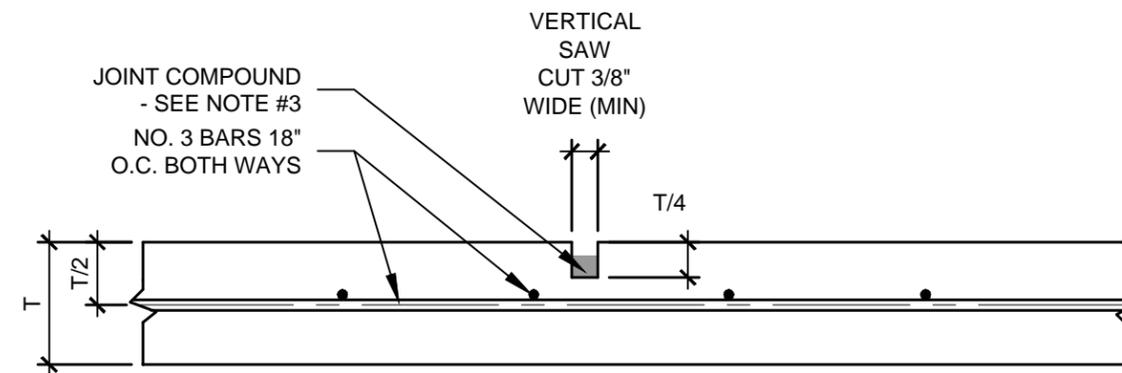
NOT TO SCALE



TRANSVERSE EXPANSION JOINT DETAIL FOR ON-SITE PAVEMENT ONLY

NOT TO SCALE

NOTE:
MAX. EXPANSION JOINT SPACING 48' O.C.B.W.

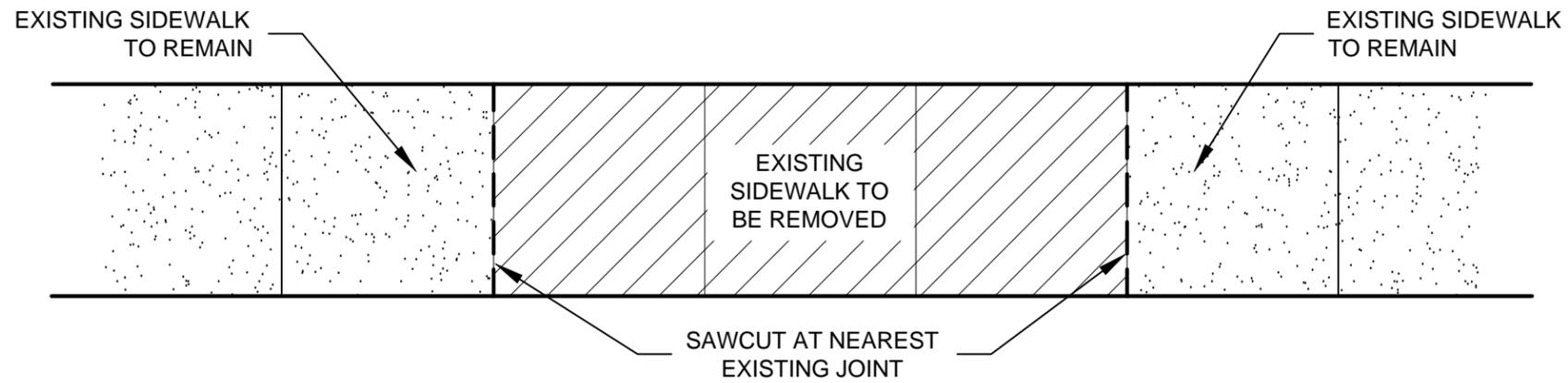


SAWED DUMMY JOINT DETAIL FOR ON-SITE PAVEMENT ONLY

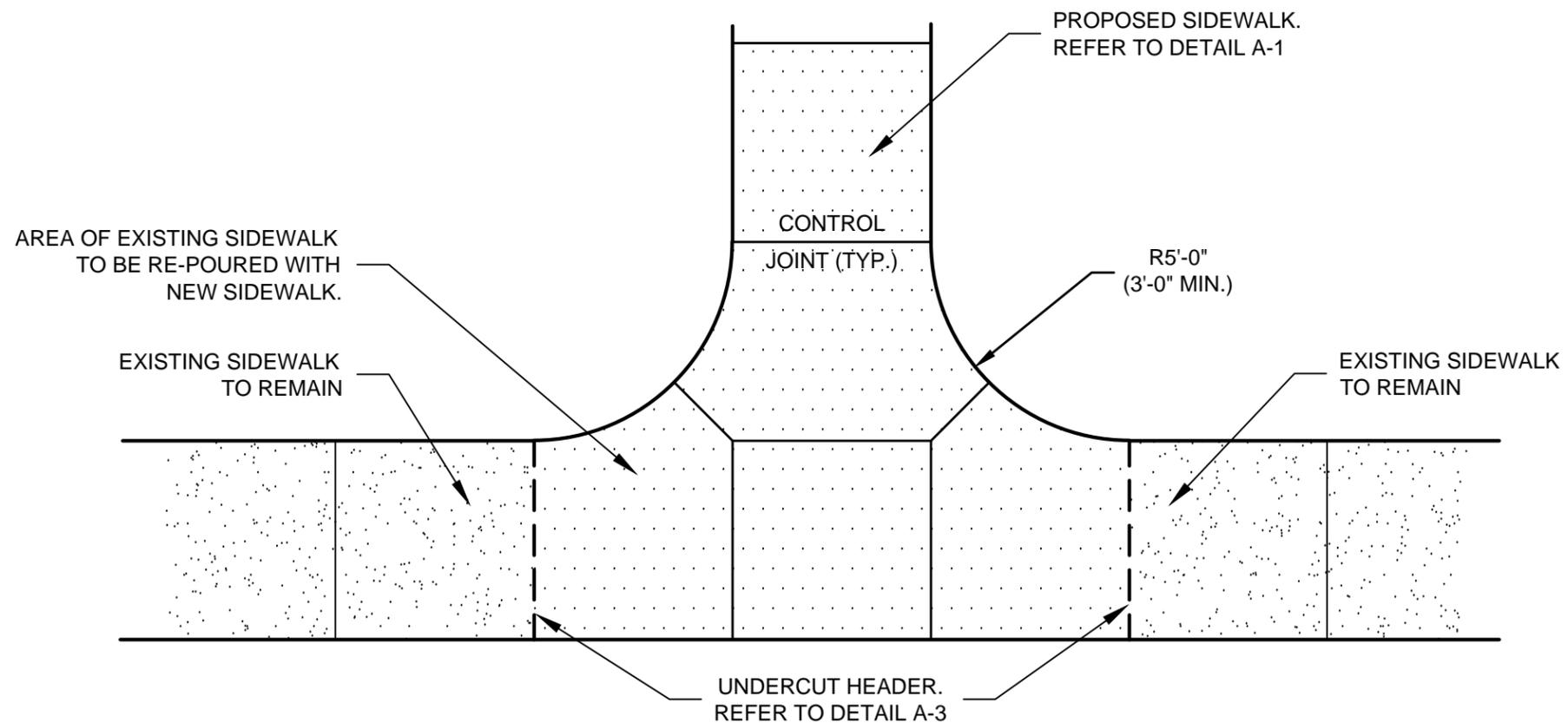
NOT TO SCALE

GENERAL NOTES:

1. SAWED DUMMY JOINTS REQUIRED AT ALL CURB RETURN POINTS AND OTHER POINTS AT CURB ISLANDS AS NECESSARY TO PREVENT CRACKING. MAXIMUM DISTANCE BETWEEN JOINTS SHALL BE 10'.
2. CONTRACTOR TO SUBMIT TRANSVERSE EXPANSION JOINT PLAN TO OWNER OR REPRESENTATIVE FOR APPROVAL PRIOR TO PAVING.
3. SONNEBORN (OR APPROVED EQUAL) SELF-LEVELING JOINT COMPOUND - COLOR: GREY TO MATCH CONCRETE. TOP 1/4" RECEIVES NO SEALING COMPOUND.
4. ALL DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE.



EXISTING SIDEWALK REMOVAL
SCALE: 1/4" = 1'-0"



SIDEWALK REPLACEMENT
SCALE: 1/4" = 1'-0"

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PAVEMENT &
PARKING DETAILS
SIDEWALK
CONNECTION
AT EXISTING
SIDEWALK

issue date	_____
revisions	_____

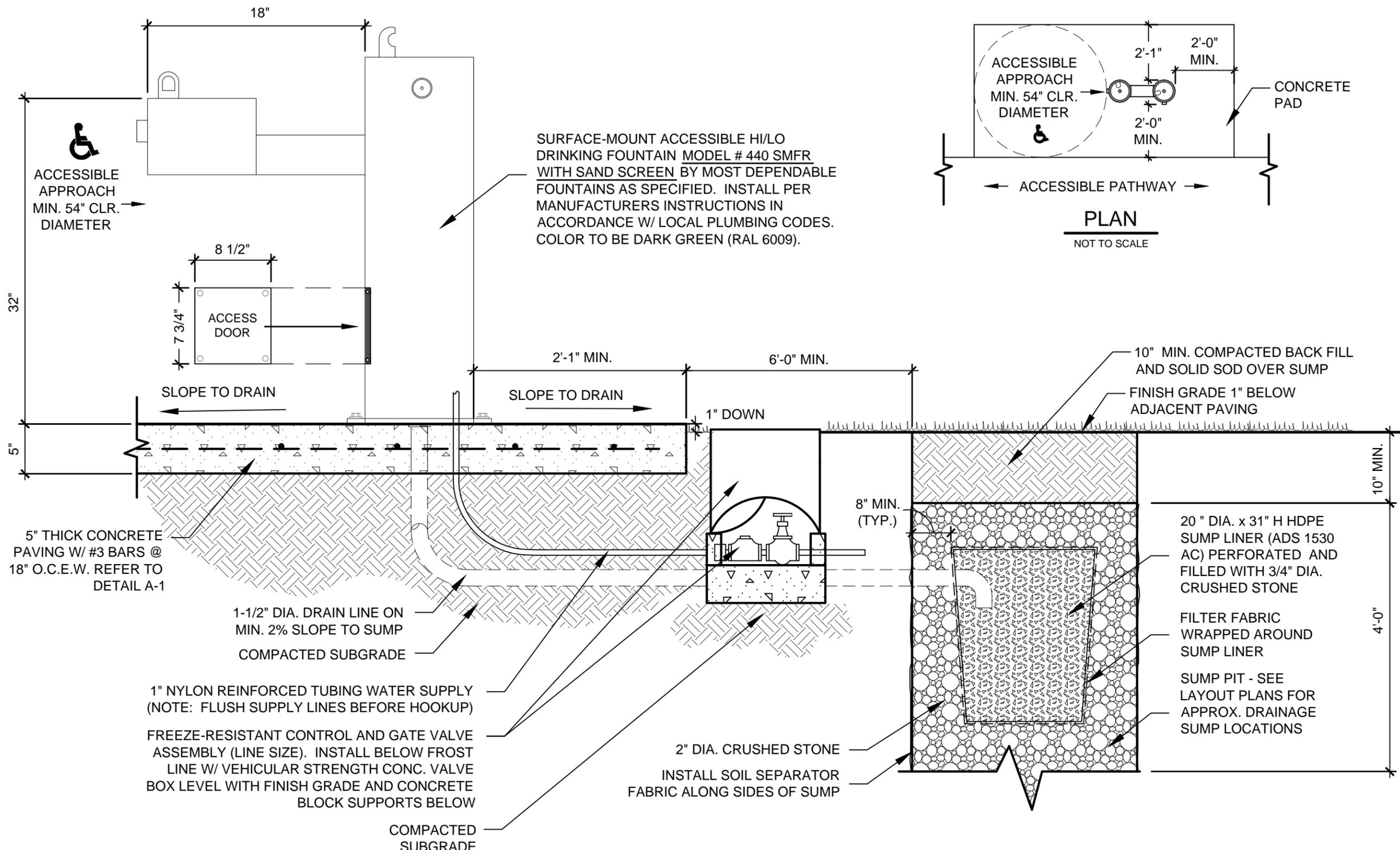
A
19 SIDEWALK CONNECTION AT EXISTING SIDEWALK

SCALE : 1/4" = 1'-0"

DETAIL A-19



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. DRINKING FOUNTAIN MUST BE INSTALLED ADJACENT TO AN ACCESSIBLE ROUTE.
2. SPECIFIED DRINKING FOUNTAIN TO BE IN ACCORDANCE W/ TEXAS ACCESSIBILITY STANDARDS.
3. BASED ON PROJECT SPECIFICATIONS, MODEL MAY INCLUDE DOG BOWL AND/OR JUG FILLER. REFERENCE MANUFACTURER'S PRODUCT CATALOG FOR ACCESSORY ITEMS.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
SITE FURNISHINGS
DETAILS

**DRINKING
FOUNTAIN
DETAIL**

issue date

revisions

B DRINKING FOUNTAIN DETAIL

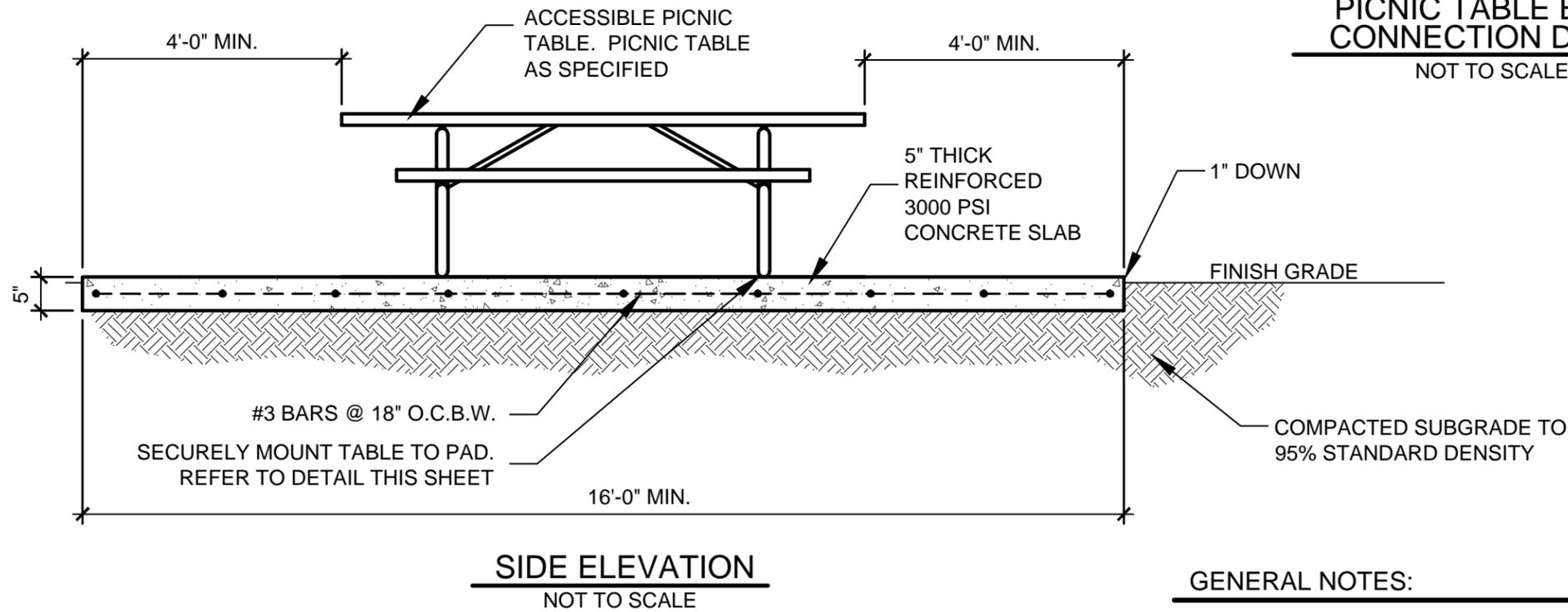
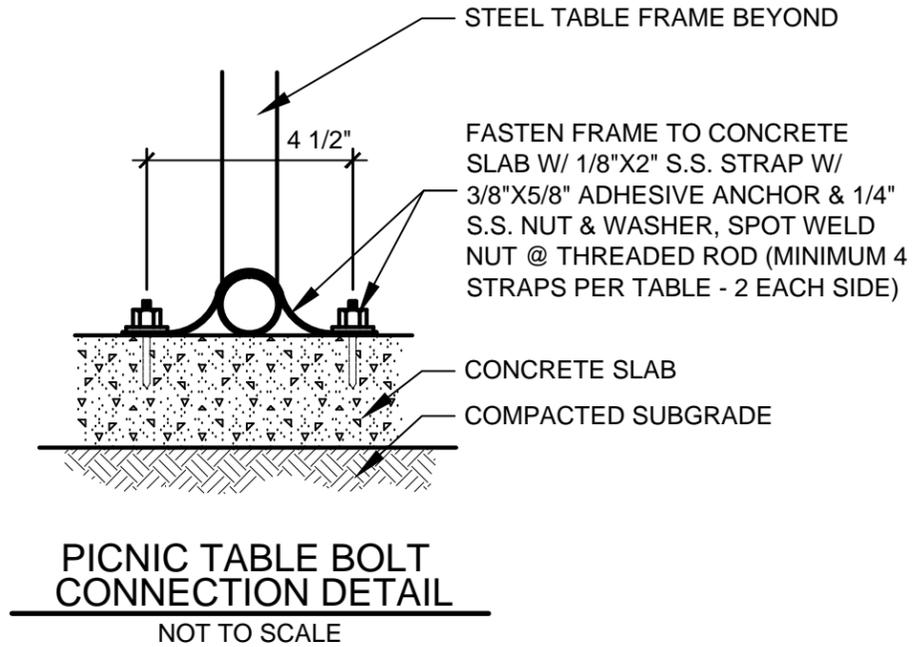
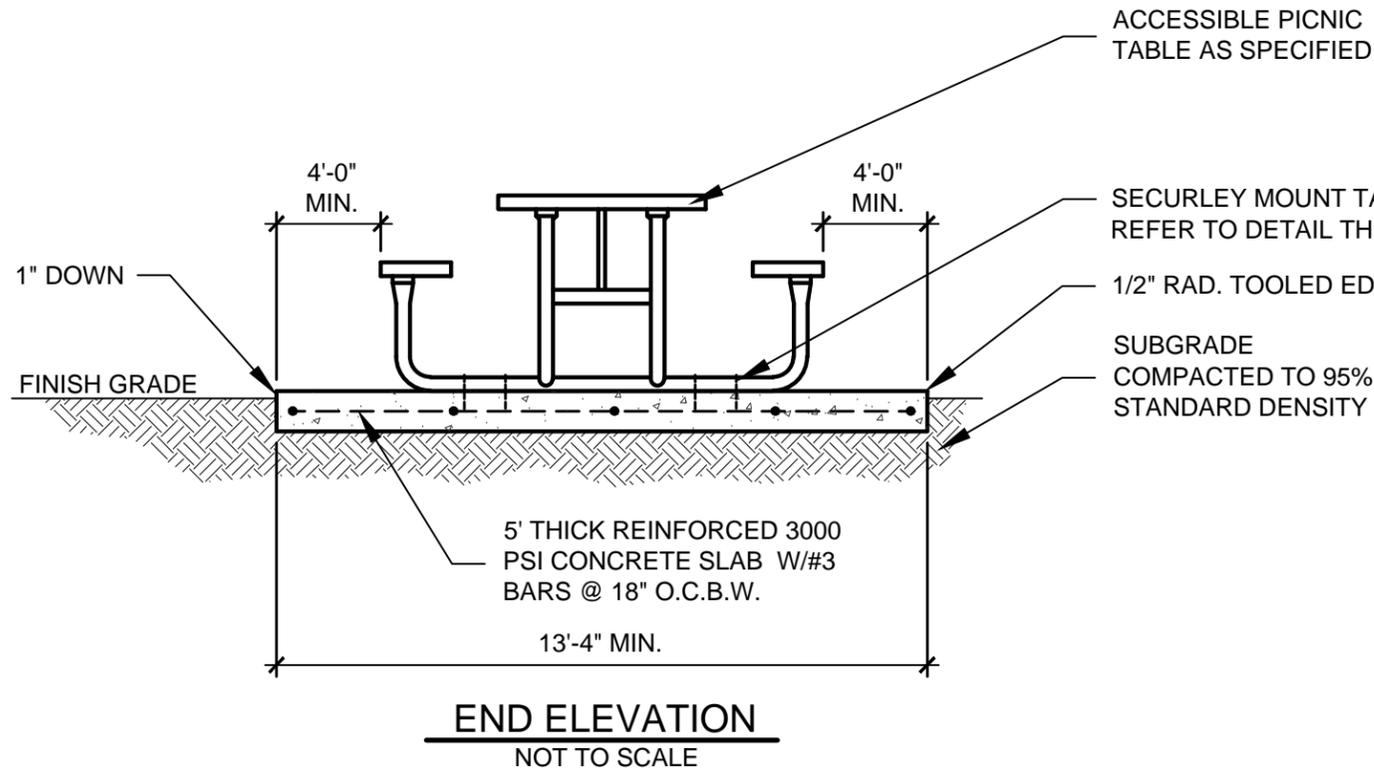
1

NOT TO SCALE

DETAIL B-1



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. TABLE PAD AND ADJACENT ACCESSIBLE AREA TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION
2. SURFACE MOUNT TABLE TO SLAB W/ CONCRETE ANCHOR PER MANUFACTURER SPECIFICATIONS.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
SITE FURNISHINGS
DETAILS

**ACCESSIBLE
PICNIC TABLE
DETAILS**

issue date

revisions

NOT TO SCALE

DETAIL B-2



Standard Construction Details

for
City of Dallas
Park and Recreation Department

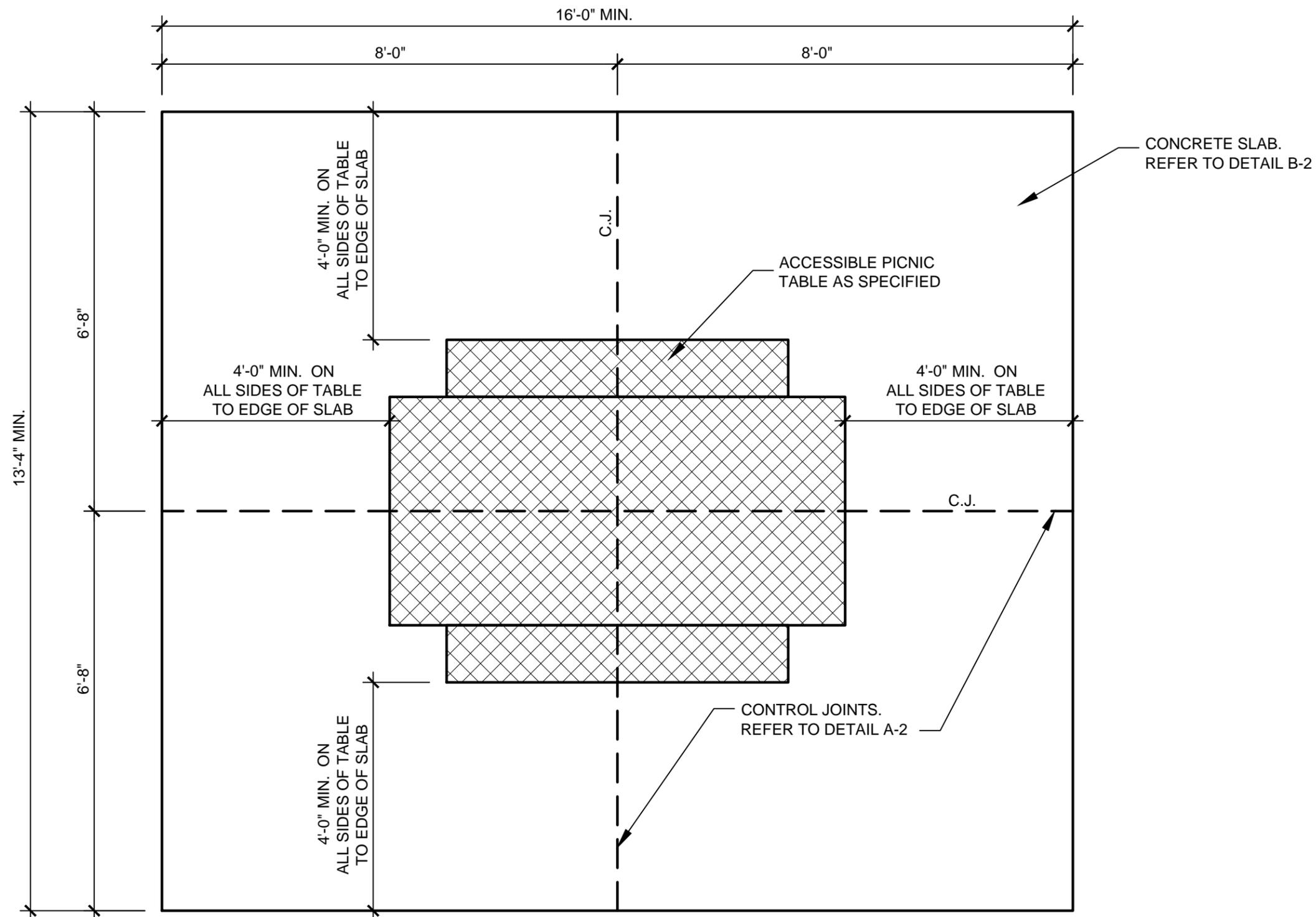
Typical Construction Details
SITE FURNISHINGS
DETAILS

ACCESSIBLE
PICNIC TABLE
PLAN

issue date

revisions

DETAIL B-3



GENERAL NOTES:

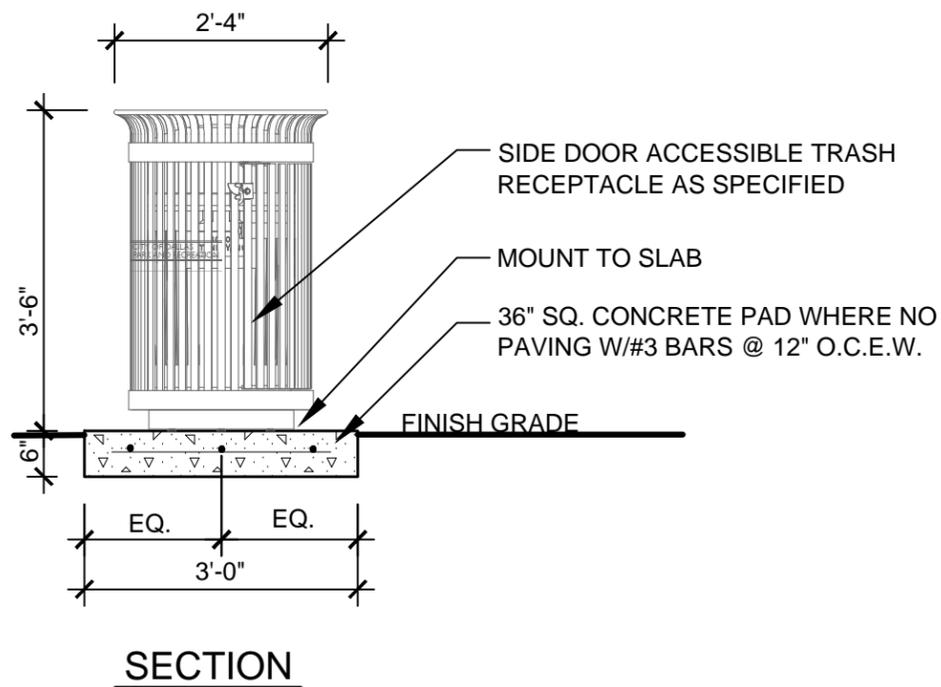
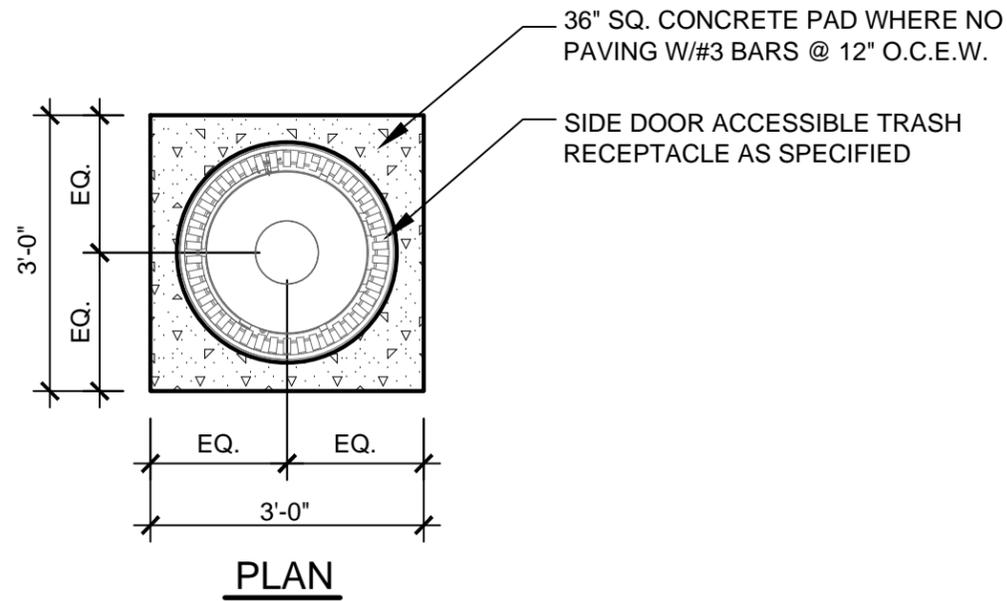
1. TABLE PAD AND ADJACENT ACCESSIBLE AREA TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION
2. SURFACE MOUNT TABLE TO SLAB W/ CONCRETE ANCHOR PER MANUFACTURER SPECIFICATIONS.

B
3 ACCESSIBLE PICNIC TABLE PLAN

SCALE: 1/2" = 1'-0"



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. RECEPTACLE TO BE VICTOR STANLEY IRONSITES MODEL SD-42 WITH LOW PROFILE FORMED DOME LID (MODEL DS-32; 36 GAL. CAPACITY) OR APPROVED EQUAL.
2. RECEPTACLE TO BE SURFACE MOUNTED PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
3. RECEPTACLE COLOR TO BE RAL 6009 AND SHALL BE FURNISHED WITH CITY LOGO BAND AS SHOWN.

B
4 TYPICAL LITTER RECEPTACLE DETAIL

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
SITE FURNISHINGS
DETAILS
LITTER
RECEPTACLE
DETAIL

issue date

revisions

DETAIL B-4



scale:
dsnd:
drawn:
approved:

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for
City of Dallas
Park and Recreation Department

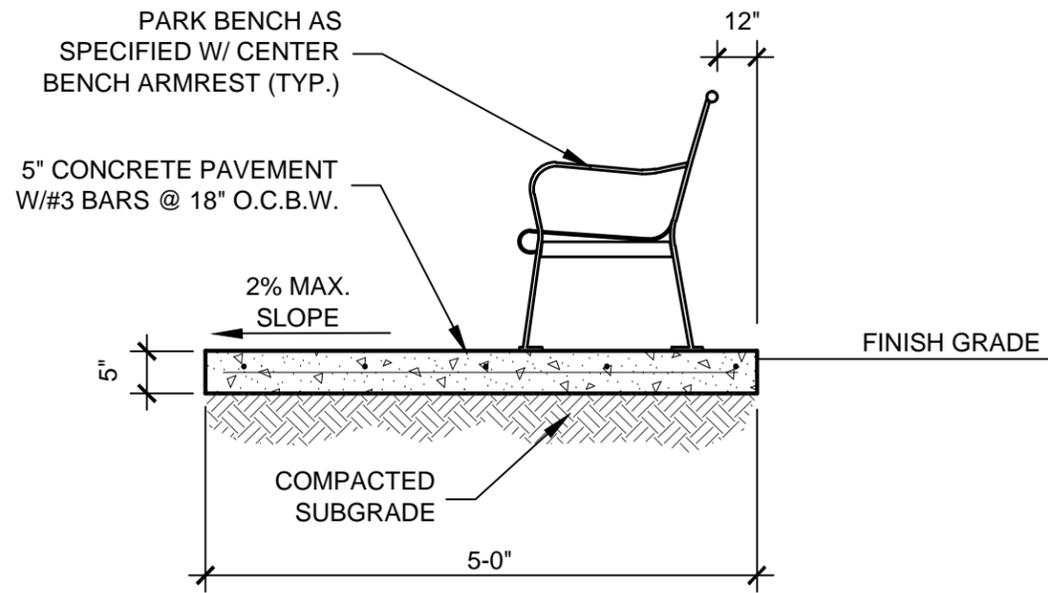
Typical Construction Details
SITE FURNISHINGS
DETAILS

TYPICAL
BENCH
DETAILS

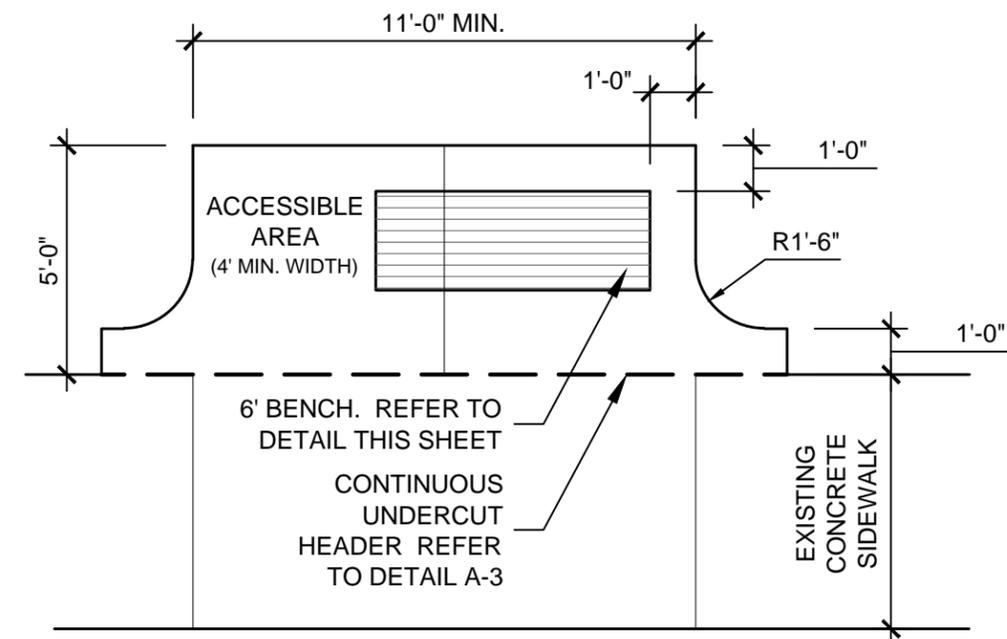
issue date

revisions

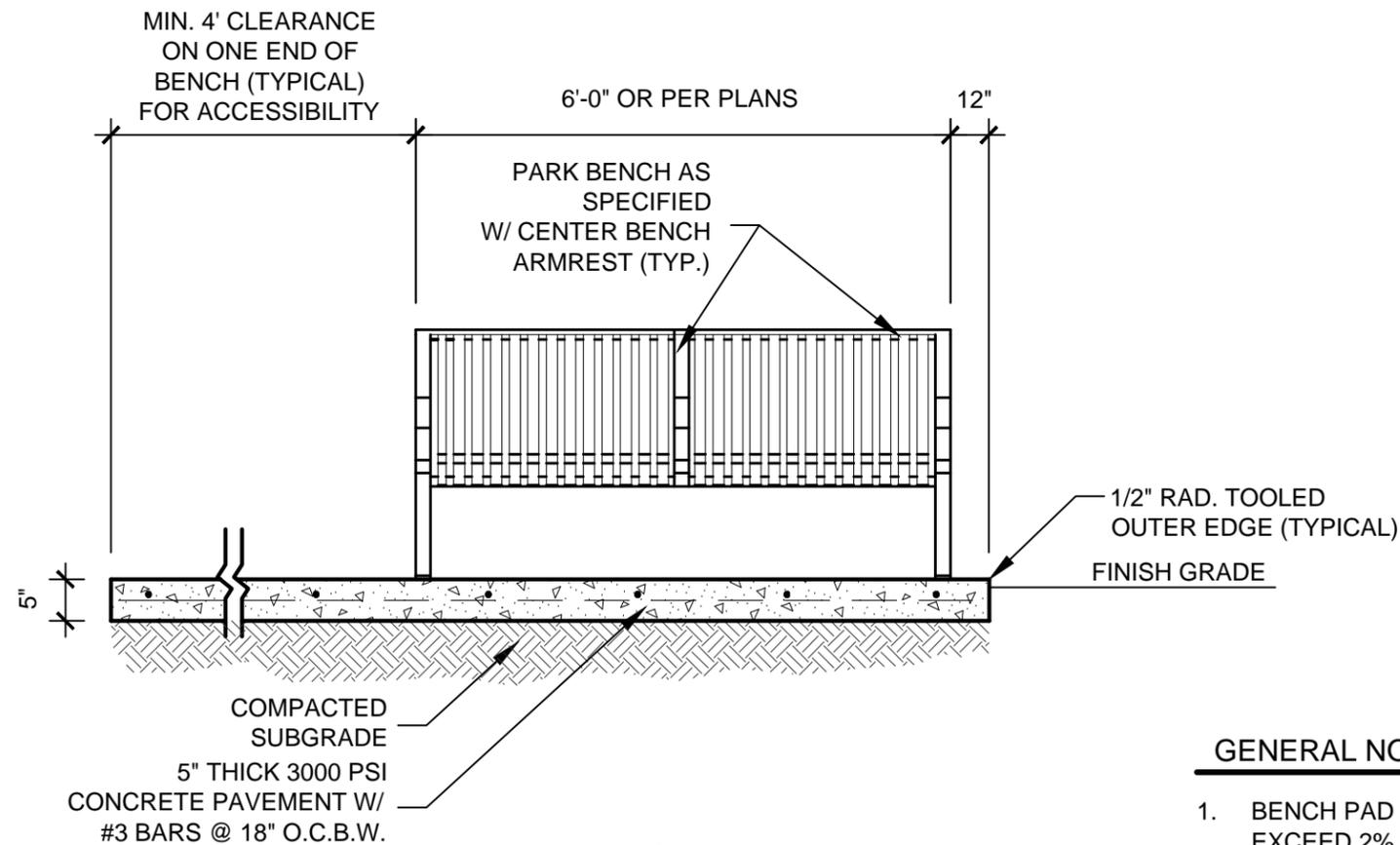
DETAIL B-5



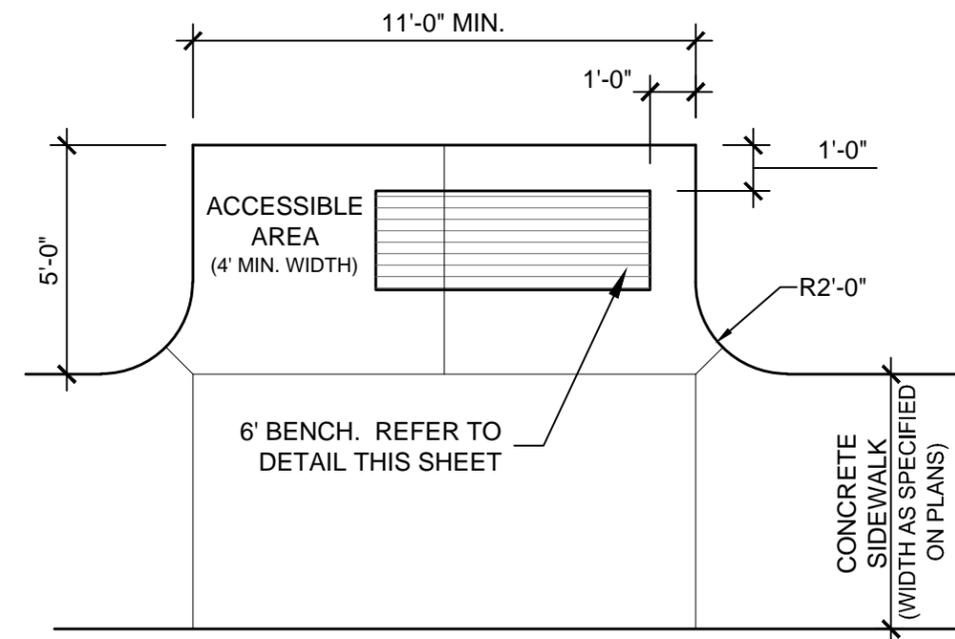
SECTION



PLAN AT EXISTING CONCRETE WALK



ELEVATION



PLAN AT NEW CONCRETE WALK

GENERAL NOTES:

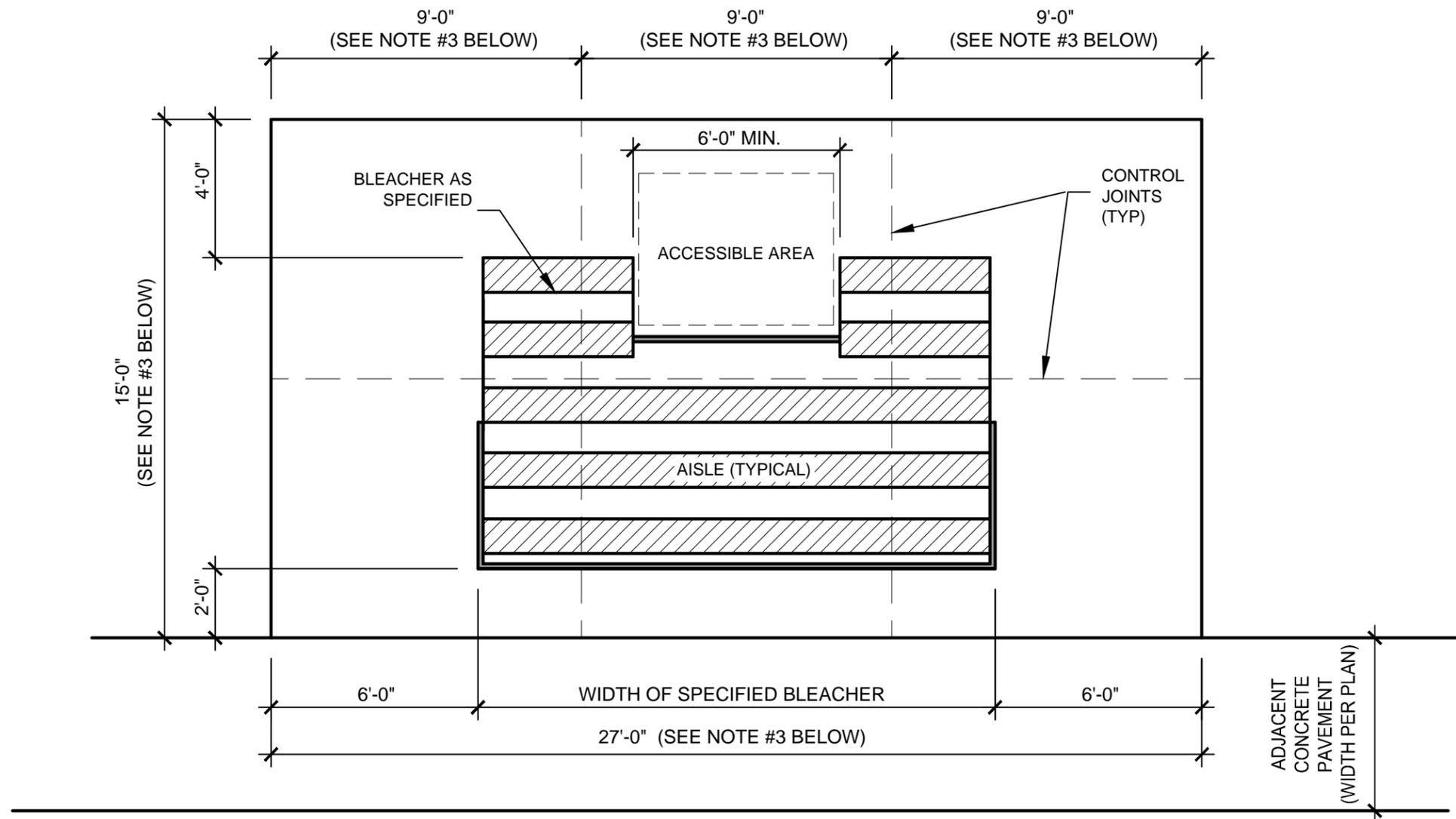
1. BENCH PAD AND ADJACENT ACCESSIBLE AREA TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
2. UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS, ALL BENCHES TO BE 6'-0" STEELITES SERIES RB-28 WITH CENTER ARMREST BY VICTOR STANLEY OR APPROVED EQUAL. COLOR SHALL BE RAL 6009.
3. SURFACE MOUNT BENCH TO SLAB W/ CONCRETE ANCHOR PER MANUFACTURER SPECIFICATIONS.

NOT TO SCALE

NOTE:
 BLEACHER SHALL COMPLY W/ UBC TABLE 23B CATEGORY E.
 BLEACHER MANUFACTURER'S SHOP DRAWINGS SHALL BE
 SEALED BY A STRUCTURAL ENGINEER W/ TEXAS REGISTRATION.



scale:
 dsnd:
 drawn:
 approved:



GENERAL NOTES:

1. CONCRETE PAD TO BE 5" THICK 300 PSI CONCRETE WITH #3 BARS AT 18" O.C.E.W.
2. BLEACHER PAD AND ADJACENT ACCESSIBLE AREA TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
3. LAYOUT DEPICTED ASSUMES A 9' x 15' BLEACHER FOOTPRINT. IN THE EVENT A DIFFERENT BLEACHER SIZE IS SPECIFIED, THE OVERALL PAD DIMENSION SHALL BE ADJUSTED ACCORDINGLY.
4. ALL DIMENSIONS BETWEEN BLEACHER AND EDGE OF PAD ARE MINIMUM CLEARANCES. REFERENCE PLAN FOR SPECIFIC DIMENSIONS.

B
6 BLEACHER PAD LAYOUT PLAN

SCALE : 1/4" = 1'-0"

Standard Construction Details

for
 City of Dallas
 Park and Recreation Department

Typical Construction Details
 SITE FURNISHINGS
 DETAILS

**BLEACHER
 PAD LAYOUT
 PLAN**

issue date

revisions

DETAIL B-6



Standard Construction Details

for
City of Dallas
Park and Recreation Department

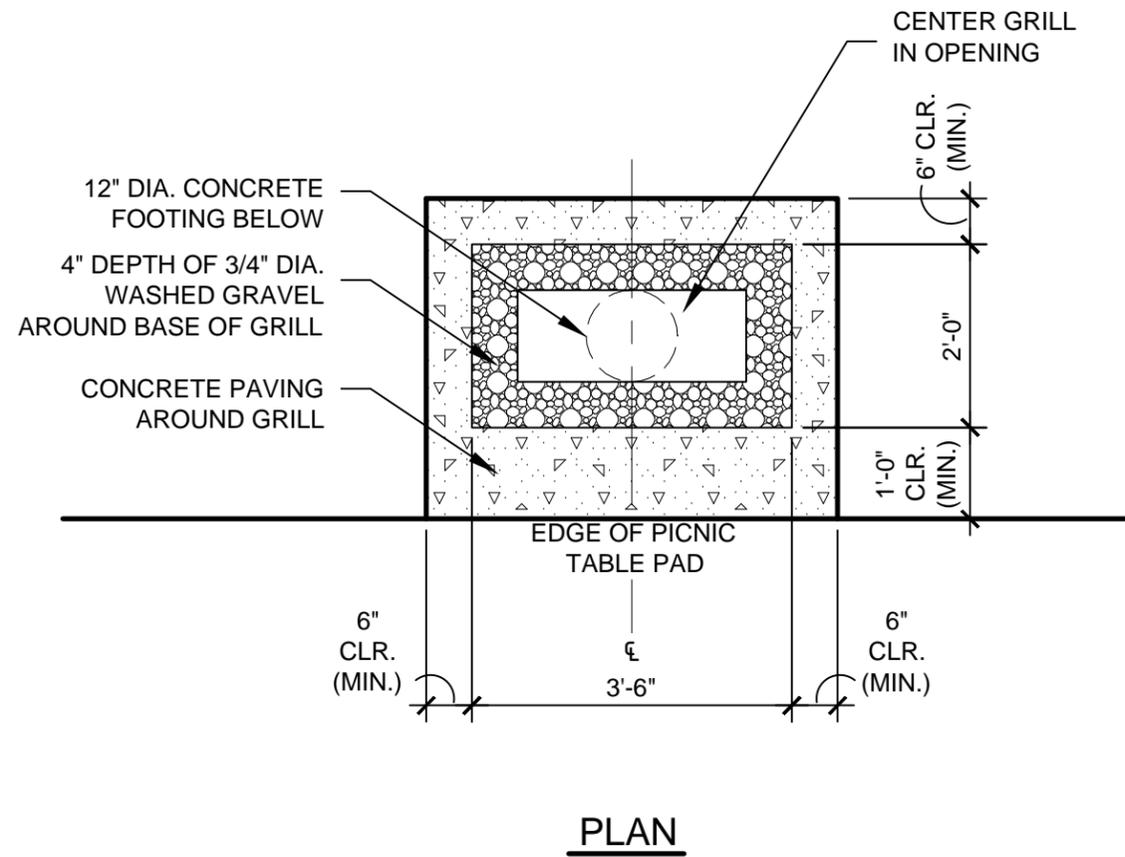
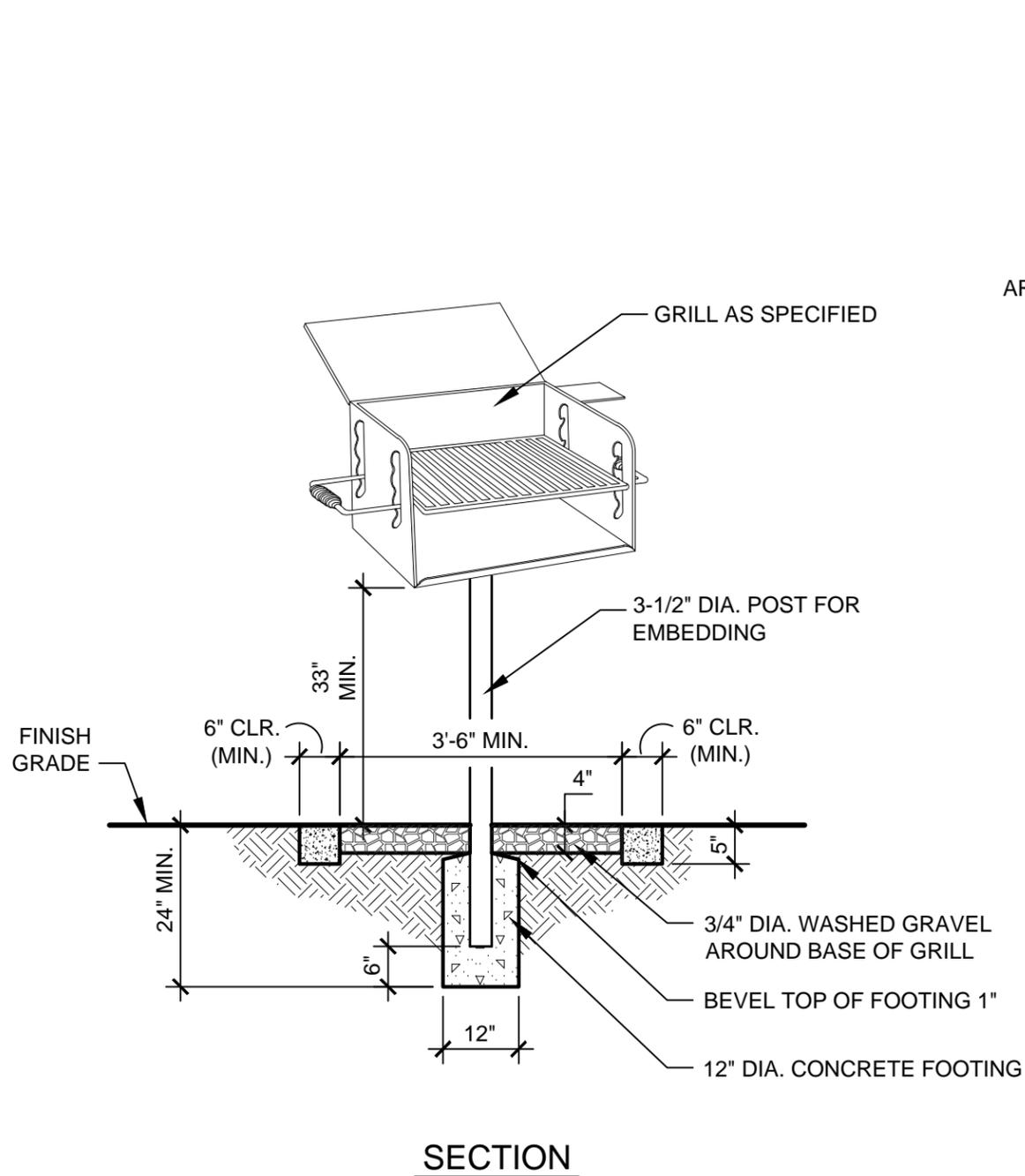
Typical Construction Details
SITE FURNISHINGS
DETAILS

TYPICAL
GRILL DETAILS

issue date

revisions

DETAIL B-7



GENERAL NOTES:

1. A MINIMUM OF ONE GRILL FOR THE PROJECT SHALL BE AN ACCESSIBLE MODEL.
2. ADJACENT ACCESSIBLE AREA TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
3. LAYOUT DEPICTED ASSUMES A SINGLE GRILL. IN THE EVENT A DOUBLE GRILL IS SPECIFIED, THE OVERALL DIMENSIONS SHALL BE ADJUSTED ACCORDINGLY TO MAINTAIN THE MINIMUM CLEAR ZONES SHOWN.

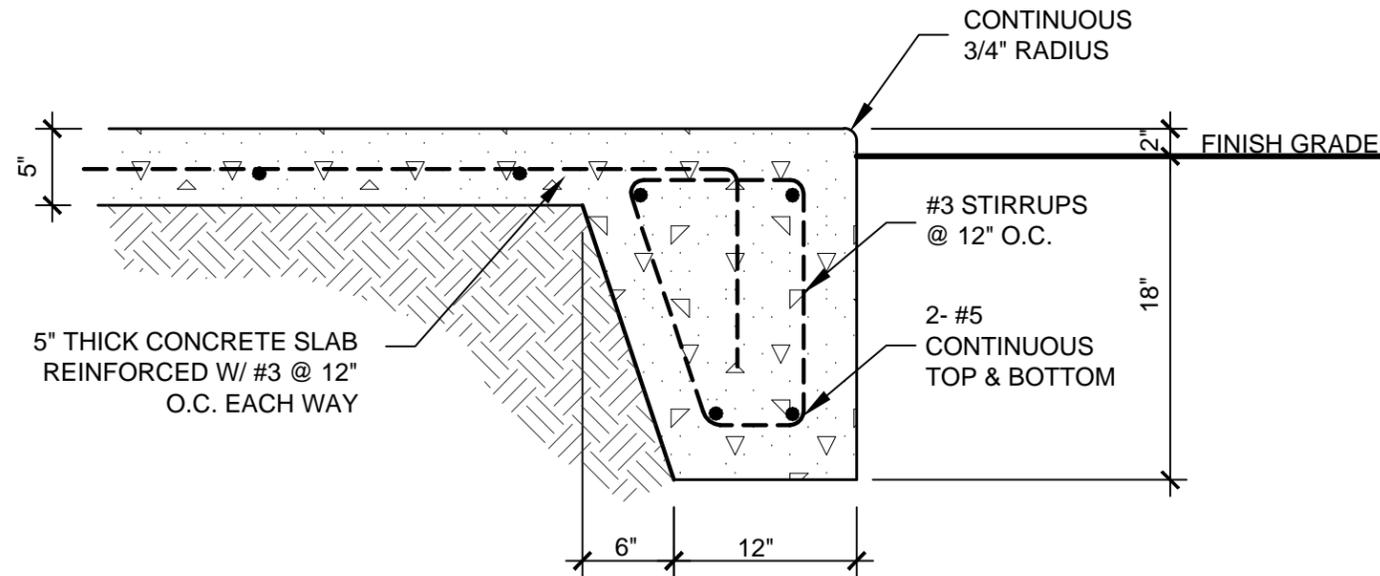
NOT TO SCALE

B
7 TYPICAL GRILL DETAILS



scale:
dsnd:
drawn:
approved:

NOTE:
CONTRACTOR TO PROVIDE SHOP DRAWINGS TO BE SIGNED
AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN
THE STATE OF TEXAS.



B
8

PARK SHELTER SLAB EDGE DETAIL

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

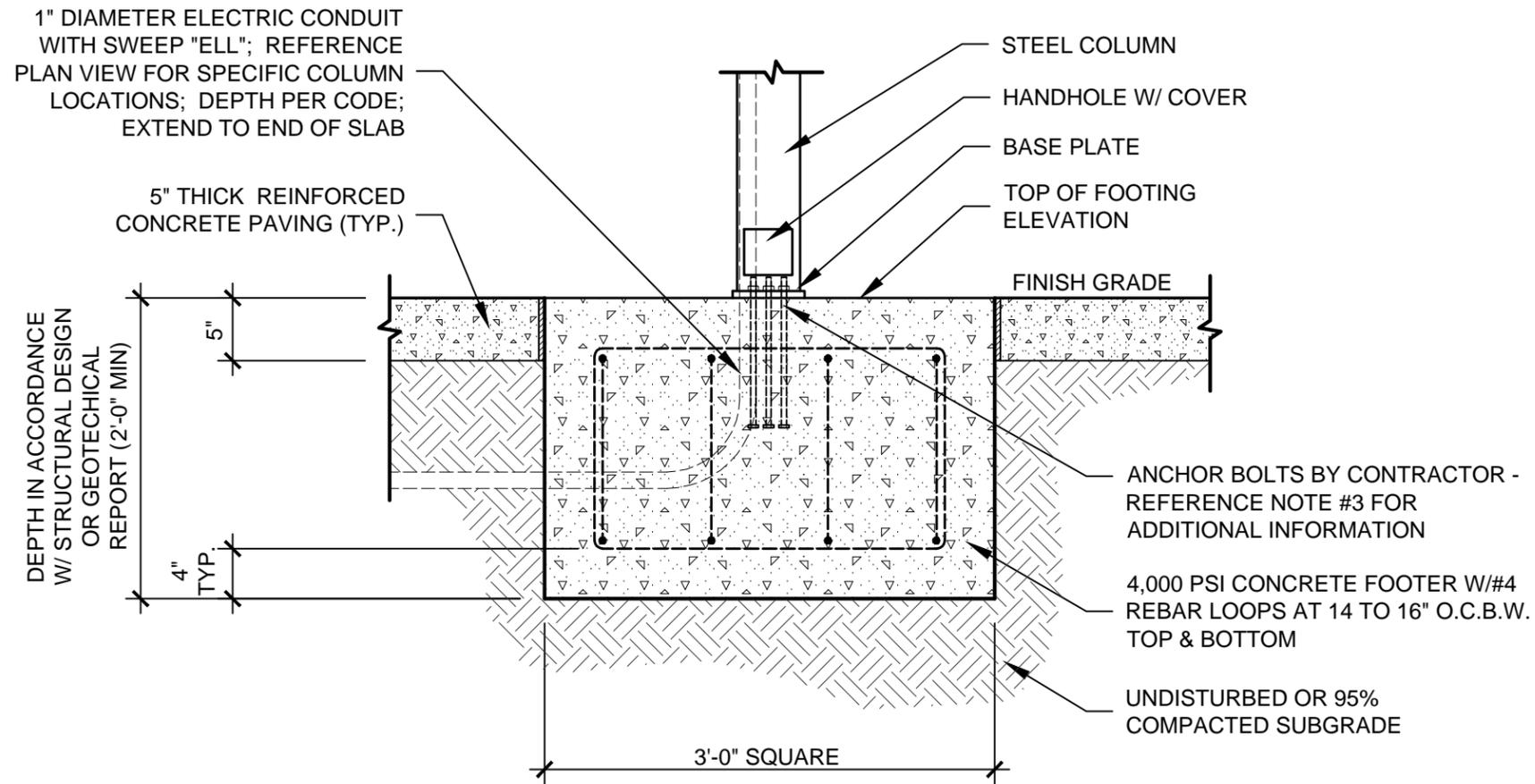
Typical Construction Details
SITE FURNISHINGS
DETAILS

PARK SHELTER
SLAB EDGE
DETAIL

issue date
revisions

DETAIL B-8

STRUCTURAL NOTES:
 FOR ILLUSTRATIVE PURPOSES ONLY. FOOTING SIZE AND ANCHOR BOLT DESIGN WILL CHANGE WITH STRUCTURAL CALCULATIONS.



GENERAL NOTES:

1. FINISHED CONCRETE PAVEMENT SURFACE BELOW SHELTER TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
2. PROVIDE CONTINUOUS EXPANSION JOINT BETWEEN SPREAD FOOTING AND ADJACENT PAVEMENT.
3. LOCATE ANCHOR BOLTS IN CENTER OF FOOTING. VERIFY ANCHOR BOLT SPACING AND DIMENSIONS WITH SHELTER MANUFACTURER BEFORE CONSTRUCTION.

B
9 TYPICAL PARK SHELTER SPREAD FOOTING DETAIL

NOT TO SCALE



scale:
 dsnd:
 drawn:
 approved:

Standard Construction Details

for
 City of Dallas
 Park and Recreation Department

Typical Construction Details
 SITE FURNISHINGS
 DETAILS
 TYPICAL PARK
 SHELTER
 SPREAD
 FOOTING DETAIL

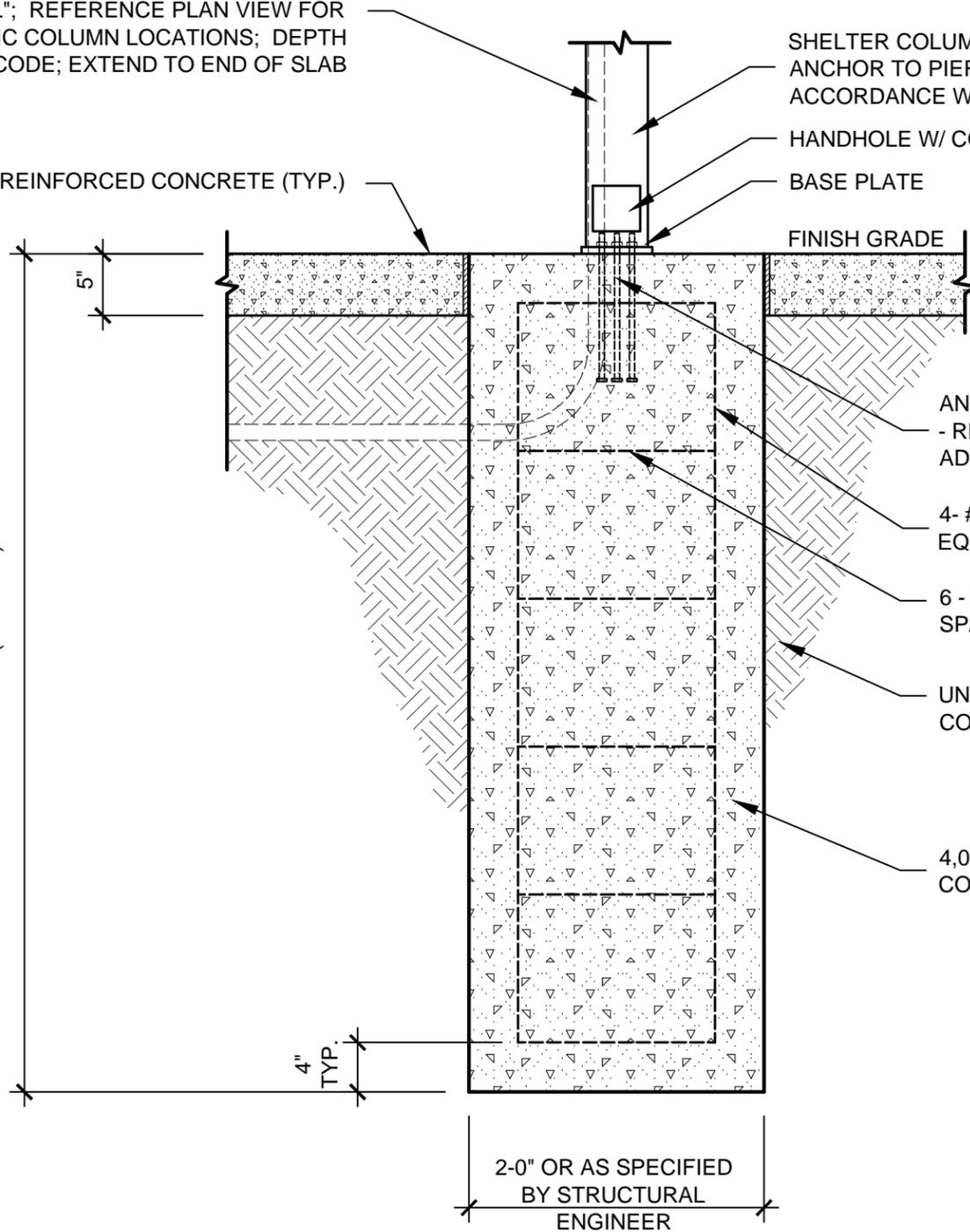
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revisions	_____

DETAIL B-9

1" DIAMETER ELECTRIC CONDUIT WITH SWEEP "ELL"; REFERENCE PLAN VIEW FOR SPECIFIC COLUMN LOCATIONS; DEPTH PER CODE; EXTEND TO END OF SLAB

5" THICK REINFORCED CONCRETE (TYP.)

DEPTH IN ACCORDANCE W/ STRUCTURAL DESIGN OR GEOTECHNICAL REPORT (6'-0" MIN)



SHELTER COLUMN POST CENTERED IN PIER. ANCHOR TO PIER WITH ANCHOR BOLTS IN ACCORDANCE WITH MANUF. INSTRUCTIONS

HANDHOLE W/ COVER

BASE PLATE

FINISH GRADE

ANCHOR BOLTS BY CONTRACTOR - REFERENCE NOTE #3 FOR ADDITIONAL INFORMATION

4- #5 VERTICAL BARS EQUALLY SPACED AT 90°

6 - #3 STIRRUPS EQUALLY SPACED @ 12" O.C.

UNDISTURBED SOIL OR 95% COMPACTED SUB GRADE

4,000 PSI REINFORCED CONCRETE PIER

STRUCTURAL NOTE:
THIS DRAWING IS NOT INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. PIER SIZE WILL CHANGE WITH STRUCTURAL CALCULATIONS AND DESIGN OF PIER TO BE PERFORMED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.

GENERAL NOTES:

1. FINISHED CONCRETE PAVEMENT SURFACE BELOW SHELTER TO HAVE A CROSS SLOPE NOT TO EXCEED 2% IN ANY DIRECTION.
2. PROVIDE CONTINUOUS EXPANSION JOINT BETWEEN PIER AND ADJACENT PAVEMENT.
3. LOCATE ANCHOR BOLTS IN CENTER OF FOOTING. VERIFY ANCHOR BOLT SPACING AND DIMENSIONS WITH SHELTER MANUFACTURER BEFORE CONSTRUCTION.



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
SITE FURNISHINGS
DETAILS

**SHELTER PIER
FOUNDATION
DETAIL**

issue date

revisions

B SHELTER PIER FOUNDATION DETAIL
10

NOT TO SCALE

DETAIL B-10



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

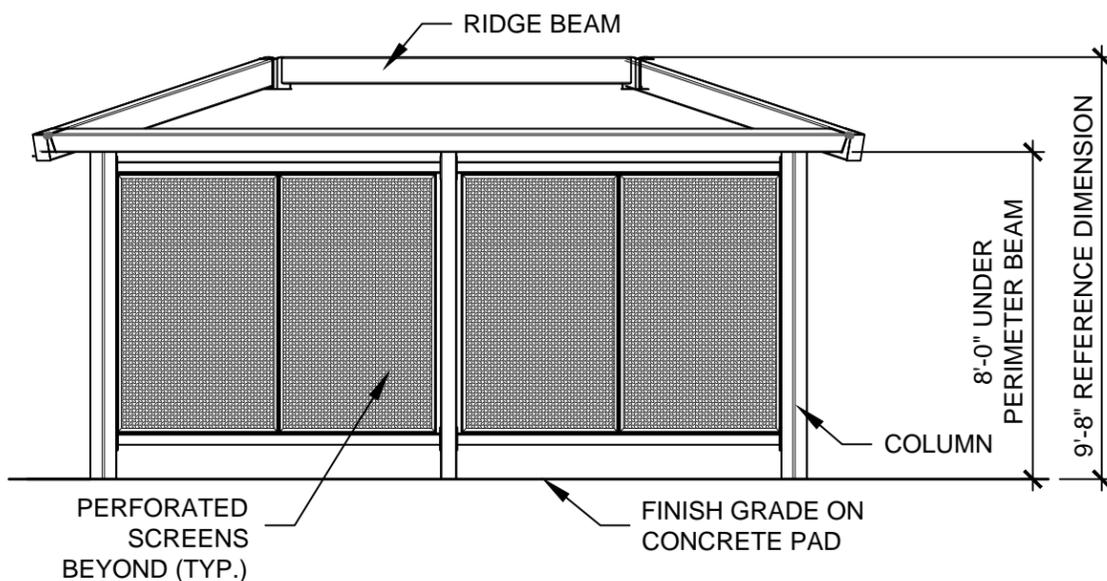
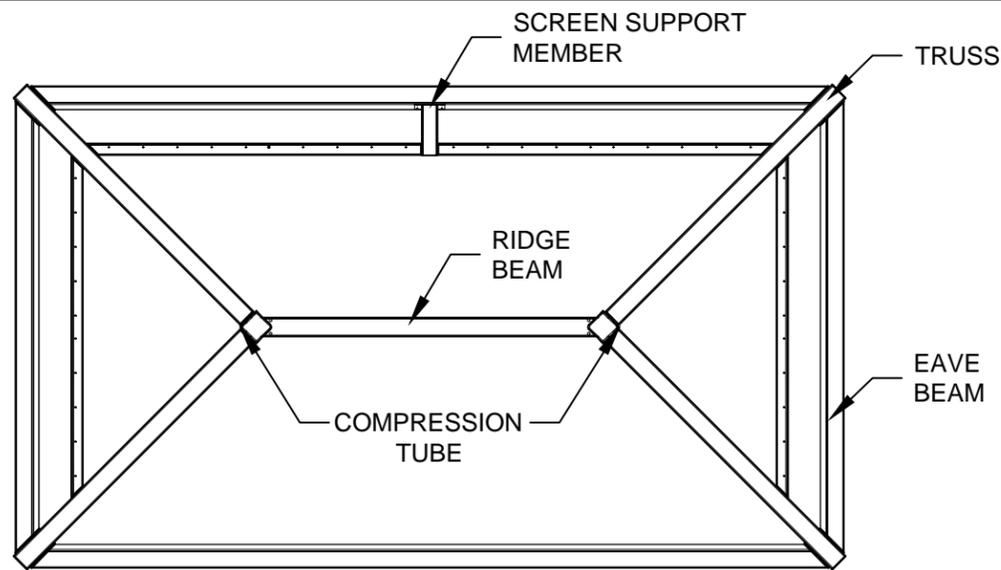
Typical Construction Details
SITE FURNISHINGS
DETAILS

ENCLOSURE
DETAILS

issue date

revisions

DETAIL B-11



FRAME ASSEMBLY

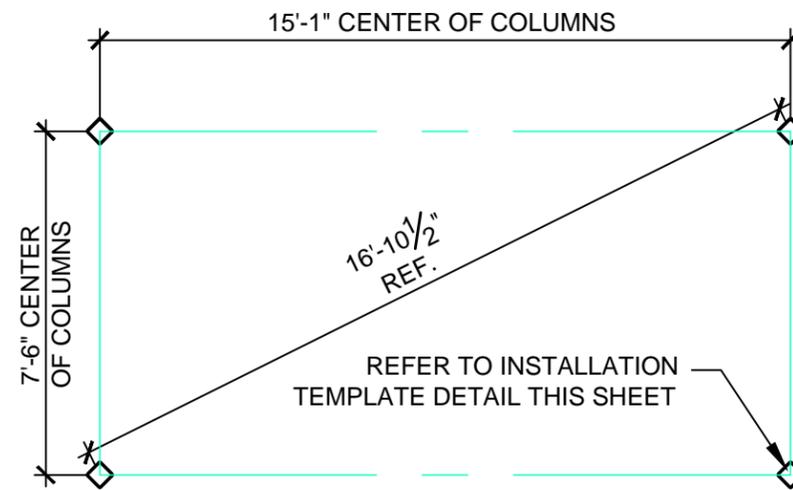
- COLUMNS: TS 6X6
- TUBULAR STEEL: A-500 GRADE B
- LIGHT GAUGE COLD FORMED: A-570 GRADE 55
- STRUCTURAL STEEL PLATE: A-36
- ROOF PANELS (STEEL, 24 GA. WITH KYNAR 500 FINISH): A-446
- ANCHOR BOLTS: A-307

ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

ENCLOSURE TO BE SIMILIAR TO POLIGON MODEL PLEHC2

STRUCTURAL NOTE:
THIS DRAWING IS NOT INTENDED AS A FOUNDATION DESIGN. IT IS PRESENTED AS A REFERENCE FOR MINIMUM SLAB DIMENSIONS AND ANCHOR BOLT LOCATIONS. DESIGN OF FOUNDATION TO BE PERFORMED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.

PERFORATED METAL SCREENS:
PICTURE FRAME SECTIONS, 16-GA.
PERFORATED CARBON STEEL INSERTS WITH 1/4" HOLES ON STAGGERED CENTERS FOR 58% OVERALL OPEN AREA. SCREENS TO BE CROSS BENT. SCREEN FINISH TO MATCH FRAME FINISH.

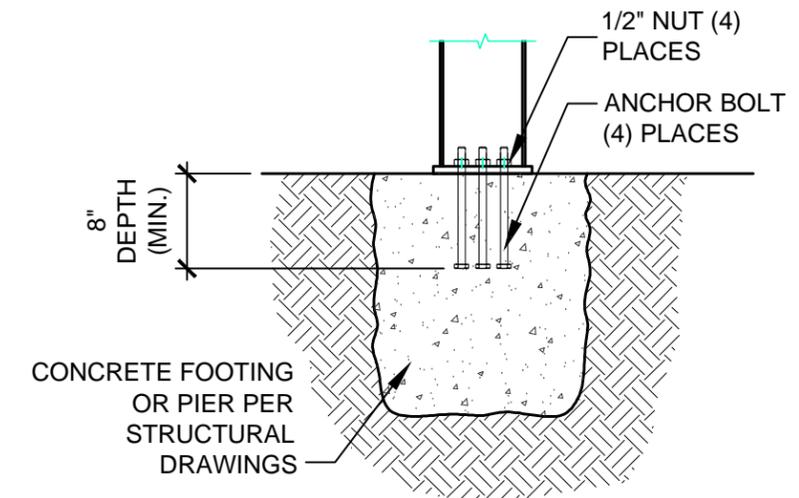
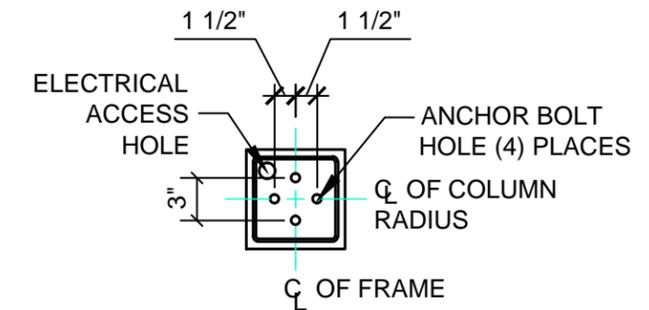


COLUMN PLAN

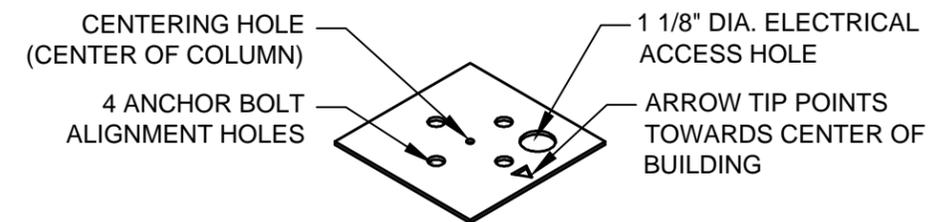
FRAME AND ORNAMENTATION FINISH :
MEMBERS EIGHT DIRECTED SHOT BLASTED TO NEAR WHITE CONDITION (SSPC SP-10), WASHED AND SEALED IN A PHOSPHATE TREATMENT. EPOXY PRIME BASE WITH SUPER DURABLE TGIC POLYESTER POWDER AND OVEN CURED. PCI 4000 CERTIFIED FINISH.

OPTIONAL UNDERCOAT : EPOXY E-COAT SYSTEM, USING FULL IMMERSION ELECTRO-DEPOSITION PROCESS.

REFERENCE PROJECT SPECIFICATIONS FOR UNDERCOATING AND FINISH COLORS (RAL 6009 UNLESS SPECIFIED OTHERWISE).



TYP. ANCHOR BOLT CONNECTION



NOTE:
ELECTRICAL HOLE IS ALWAYS LOCATED IN THE COLUMN BASE PLATE AS SHOWN.

ANCHOR BOLT INSTALLATION TEMPLATE

NOT TO SCALE



Standard Construction Details
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City of Dallas
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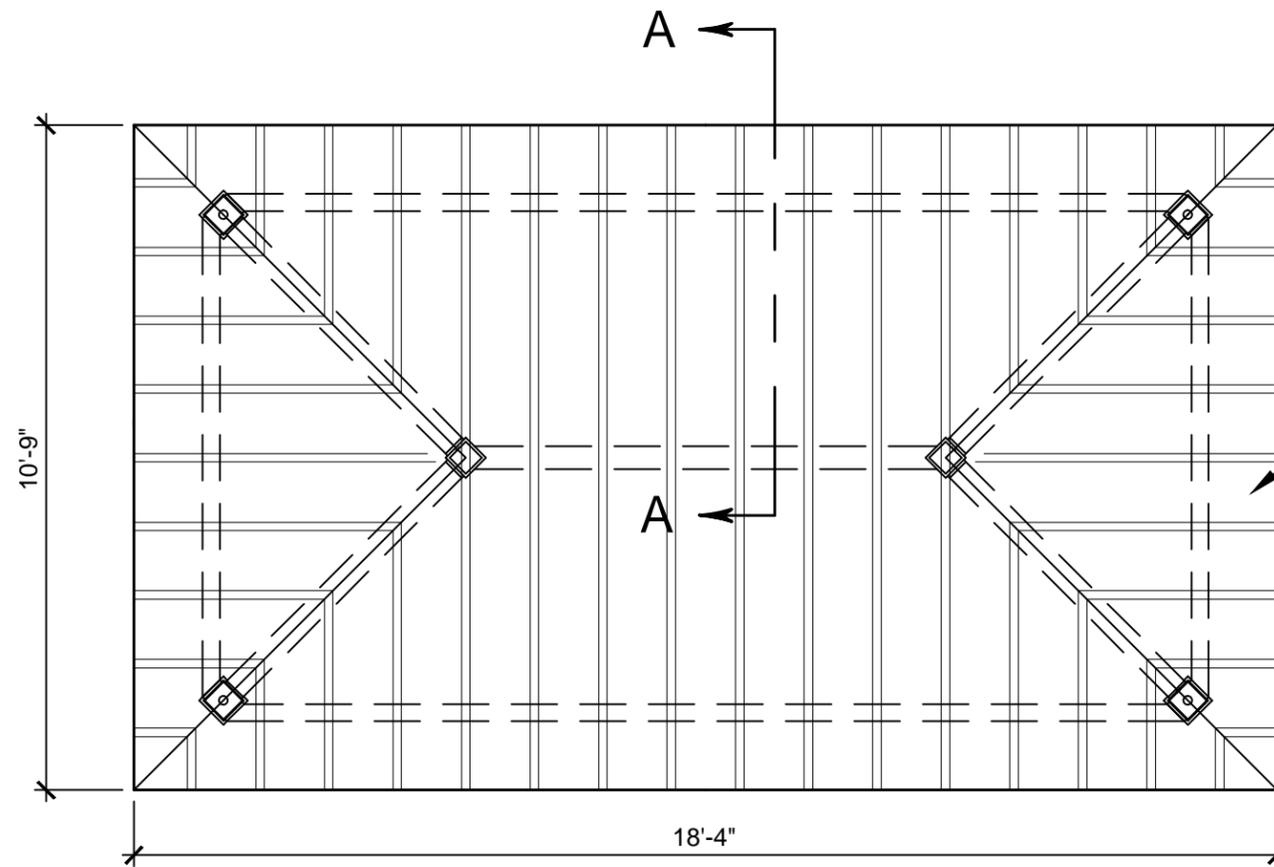
Typical Construction Details
SITE FURNISHINGS
DETAILS

ENCLOSURE
DETAILS

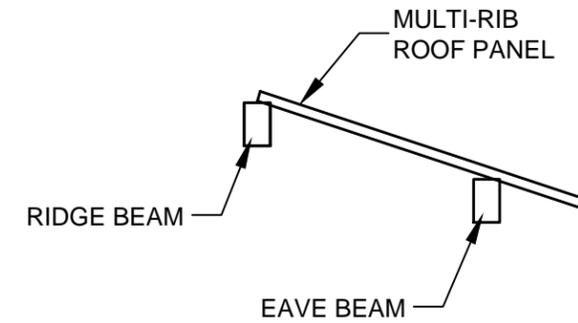
issue date

revisions

DETAIL B-12



PANEL PLAN



SECTION A-A

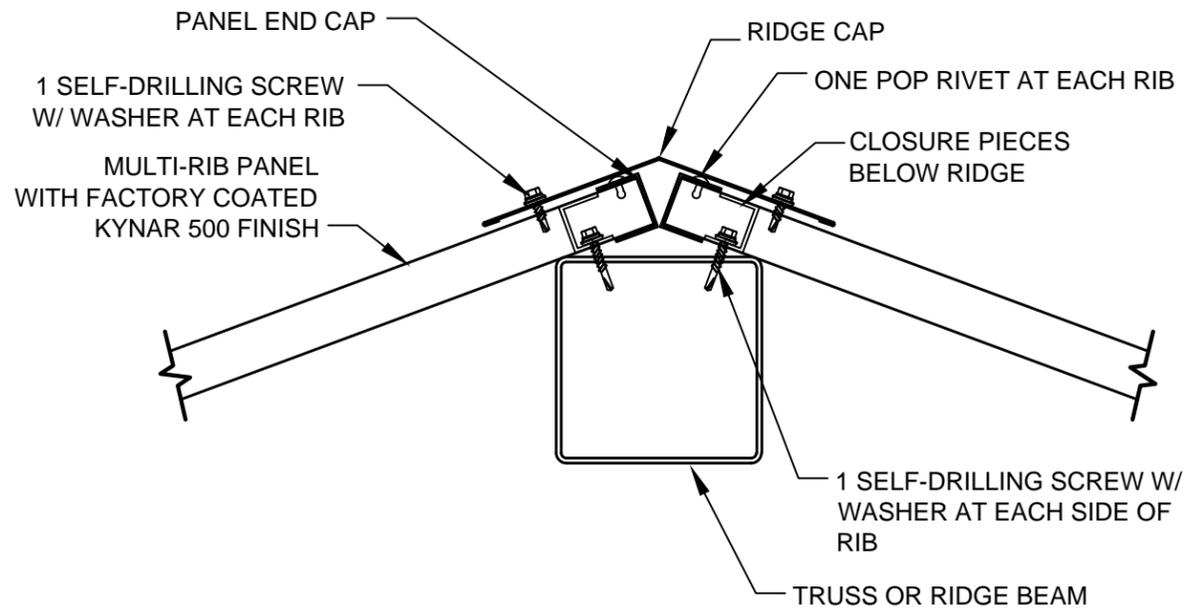
MULTI-RIB PANEL
WITH FACTORY COATED
KYNAR 500 FINISH

ALL ROOFING SCREWS
#14X1" SELF-TAPPING
GASKET HEAD SCREWS

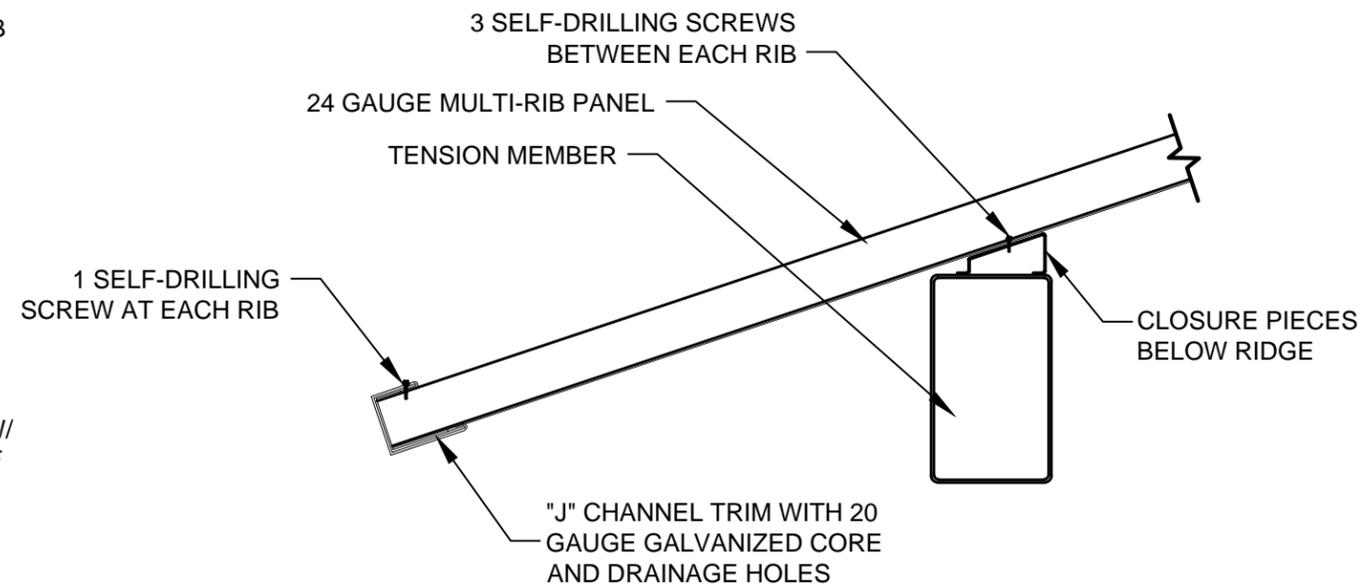
FASTENER SCHEDULE @ TRUSS AND RIDGES

FASTENER SCHEDULE @ EAVE BEAM

FASTENER SCHEDULE



SECTION @ TRUSS OR RIDGE



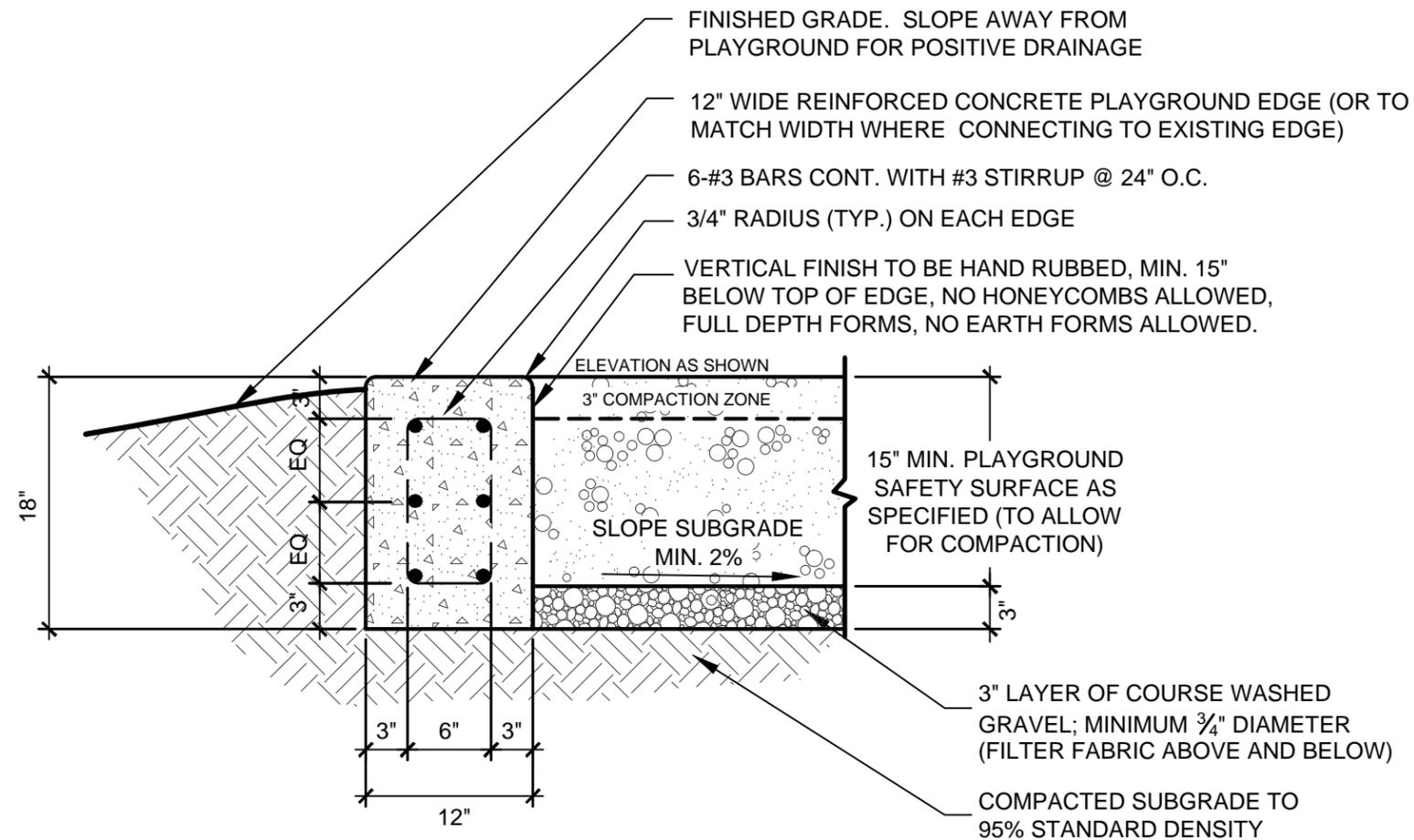
SECTION @ EAVE

B ENCLOSURE DETAILS
12

NOT TO SCALE



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drawn:
approved:



GENERAL NOTES:

1. PLAYGROUND SURFACE TO BE APPROVED ENGINEERED HARDWOOD FIBER CHIPS.
2. PROVIDE JOINTING PLAN FOR APPROVAL PRIOR TO FORM WORK INSTALLATION. 1" DEPTH CONTROL JOINTS (EQUALLY SPACED) TO BE SAWCUT THROUGH THE INTERIOR FACE AND TOP EDGE OF THE PLAYGROUND BORDER. EXTEND SAWCUT JOINT COMPLETELY THROUGH THE WIDTH OF SIDEWALK OR ADJACENT PAVEMENT.
3. 1/2" REDWOOD EXPANSION JOINTS SHALL BE PROVIDED WHERE SHOWN ON THE PLAN AND EQUALLY SPACED BETWEEN CONTROL JOINTS. EXPANSION JOINTS SHALL BE CONTINUOUS THROUGH THE WALK AND CONCRETE PLAYGROUND EDGE WHERE ADJACENT. INSTALL VERTICAL EXPANSION JOINTS IN PLAYGROUND EDGE ON MAXIMUM 30-FOOT CENTERS.
4. CONTRACTOR TO EXCAVATE ENTIRE PLAYGROUND AREA TO FULL DEPTH OF PLAYGROUND BORDER.

C
1 CONCRETE PLAYGROUND EDGE DETAIL

SCALE: 1"= 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
PLAYGROUND
DETAILS

CONCRETE
PLAYGROUND
EDGE DETAIL

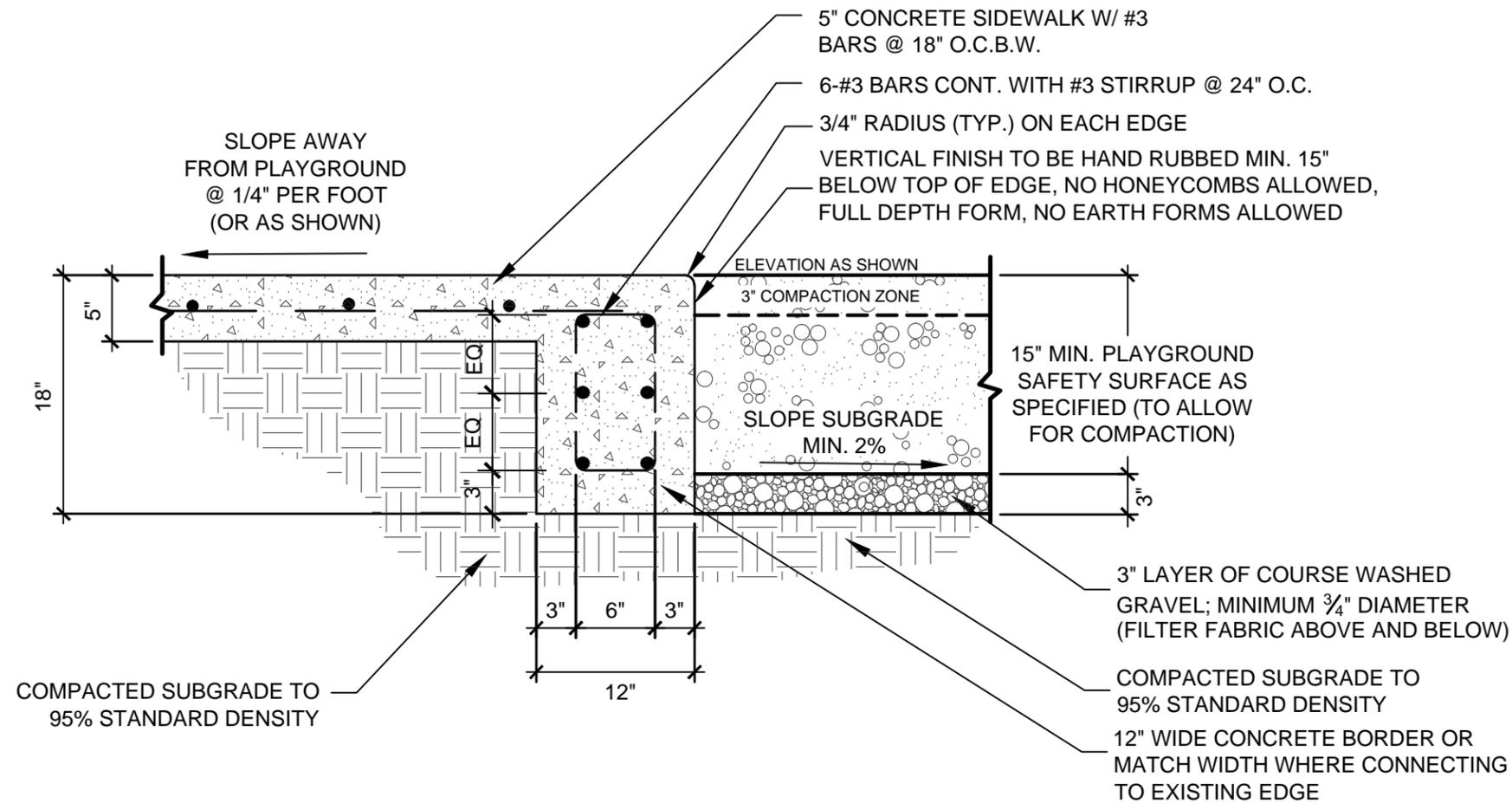
issue date

revisions

DETAIL C-1



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GENERAL NOTES:

1. PLAYGROUND SURFACE TO BE APPROVED ENGINEERED HARDWOOD FIBER CHIPS.
2. PROVIDE JOINTING PLAN FOR APPROVAL PRIOR TO FORM WORK INSTALLATION. 1" DEPTH CONTROL JOINTS (EQUALLY SPACED) TO BE SAWCUT THROUGH THE INTERIOR FACE AND TOP EDGE OF THE PLAYGROUND BORDER. EXTEND SAWCUT JOINT COMPLETELY THROUGH THE WIDTH OF SIDEWALK OR ADJACENT PAVEMENT.
3. 1/2" REDWOOD EXPANSION JOINTS SHALL BE PROVIDED WHERE SHOWN ON THE PLAN AND EQUALLY SPACED BETWEEN CONTROL JOINTS. EXPANSION JOINTS SHALL BE CONTINUOUS THROUGH THE WALK AND CONCRETE PLAYGROUND EDGE WHERE ADJACENT. INSTALL VERTICAL EXPANSION JOINTS IN PLAYGROUND EDGE ON MAXIMUM 30-FOOT CENTERS.
4. CONTRACTOR TO EXCAVATE ENTIRE PLAYGROUND AREA TO FULL DEPTH OF PLAYGROUND BORDER.

**C
2** MONOLITHIC PLAYGROUND EDGE AND SIDEWALK

SCALE: 1"= 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

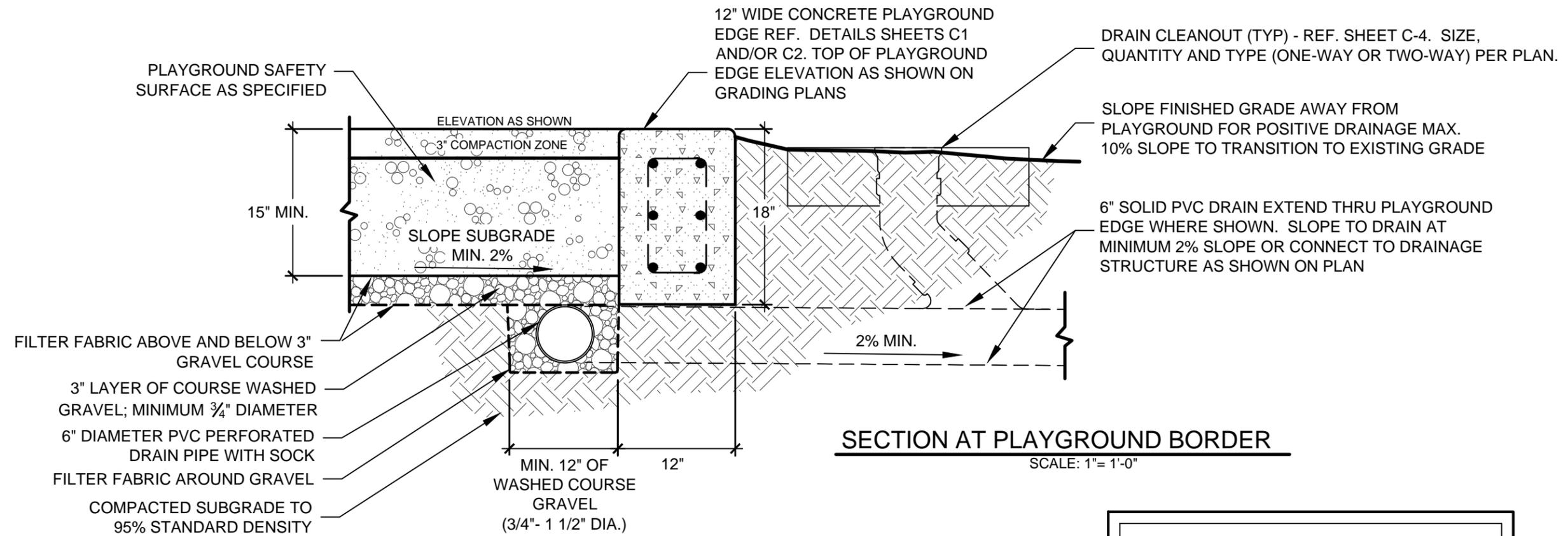
Typical Construction Details
PLAYGROUND
DETAILS
MONOLITHIC
PLAYGROUND
EDGE AT
SIDEWALK
DETAIL

issue date	_____
revisions	_____

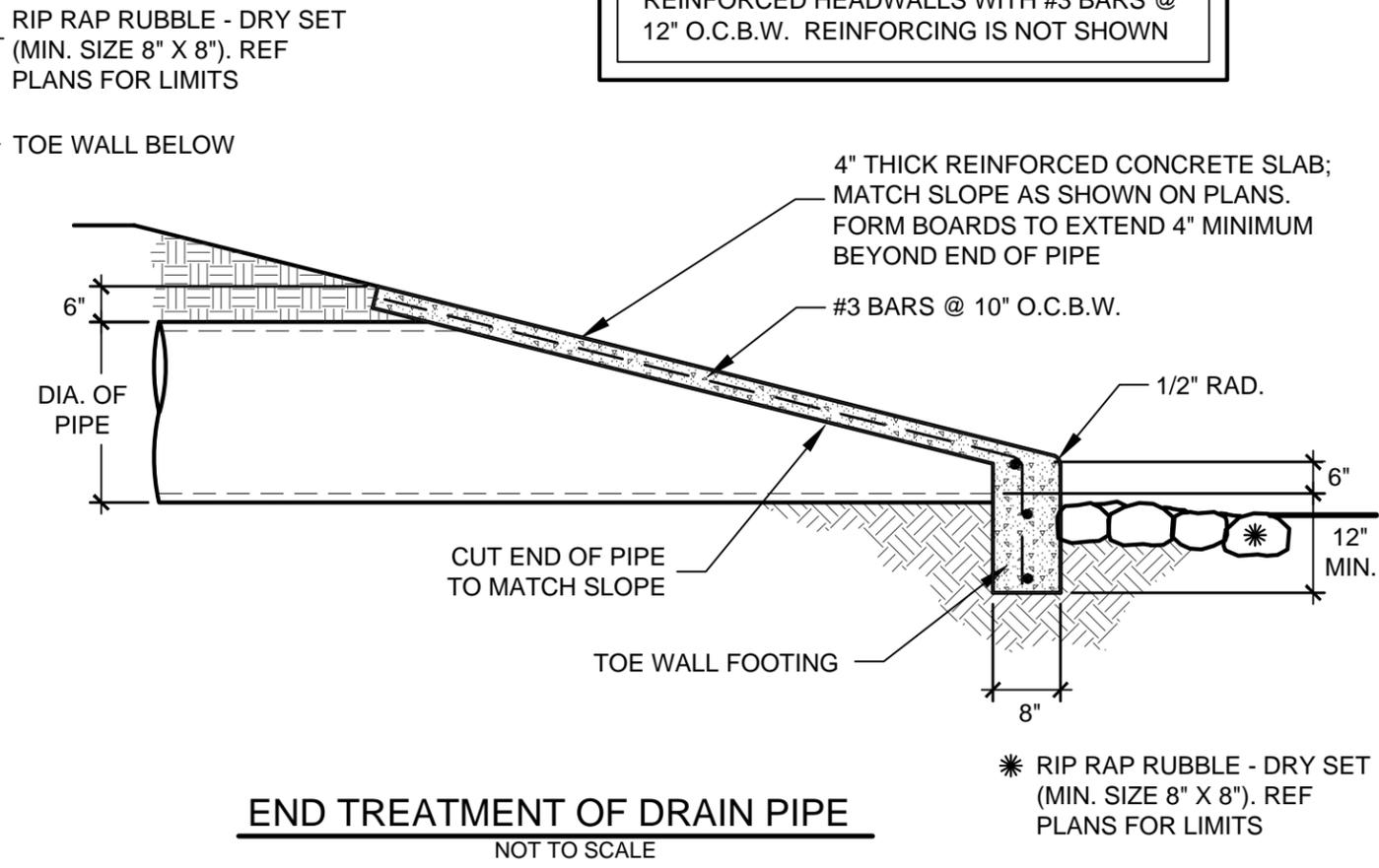
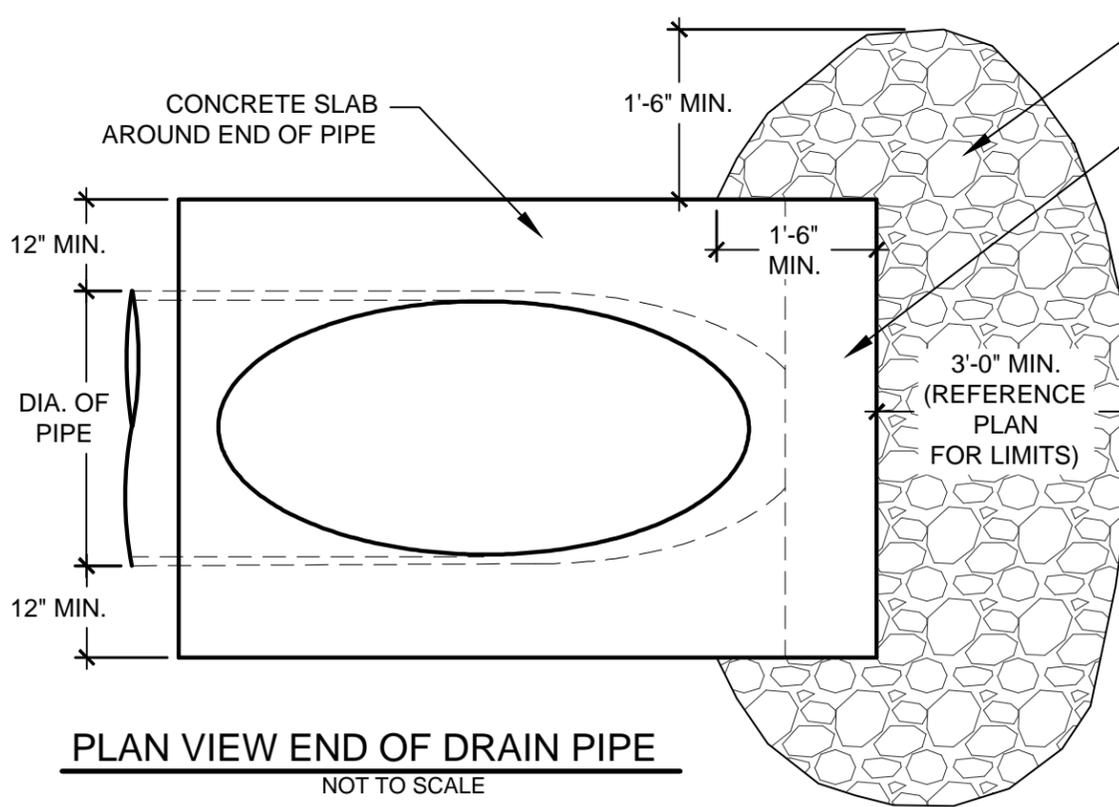
DETAIL C-2



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dsnd:
drawn:
approved:



NOTE:
REINFORCED HEADWALLS WITH #3 BARS @ 12" O.C.B.W. REINFORCING IS NOT SHOWN



C
3 **PLAYGROUND DRAIN DETAILS**

SCALE AS SHOWN

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
**PLAYGROUND
DETAILS**
**PLAYGROUND
DRAIN
DETAILS**

issue date	_____
revisions	_____

DETAIL C-3

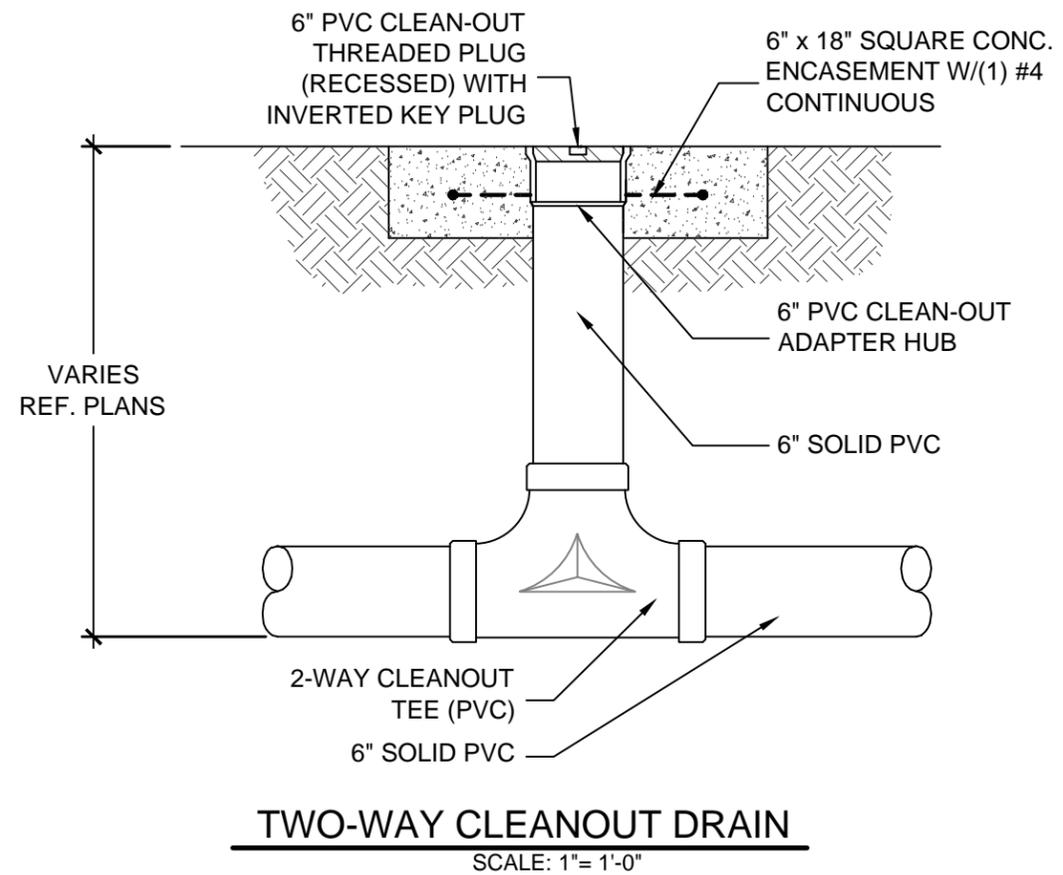
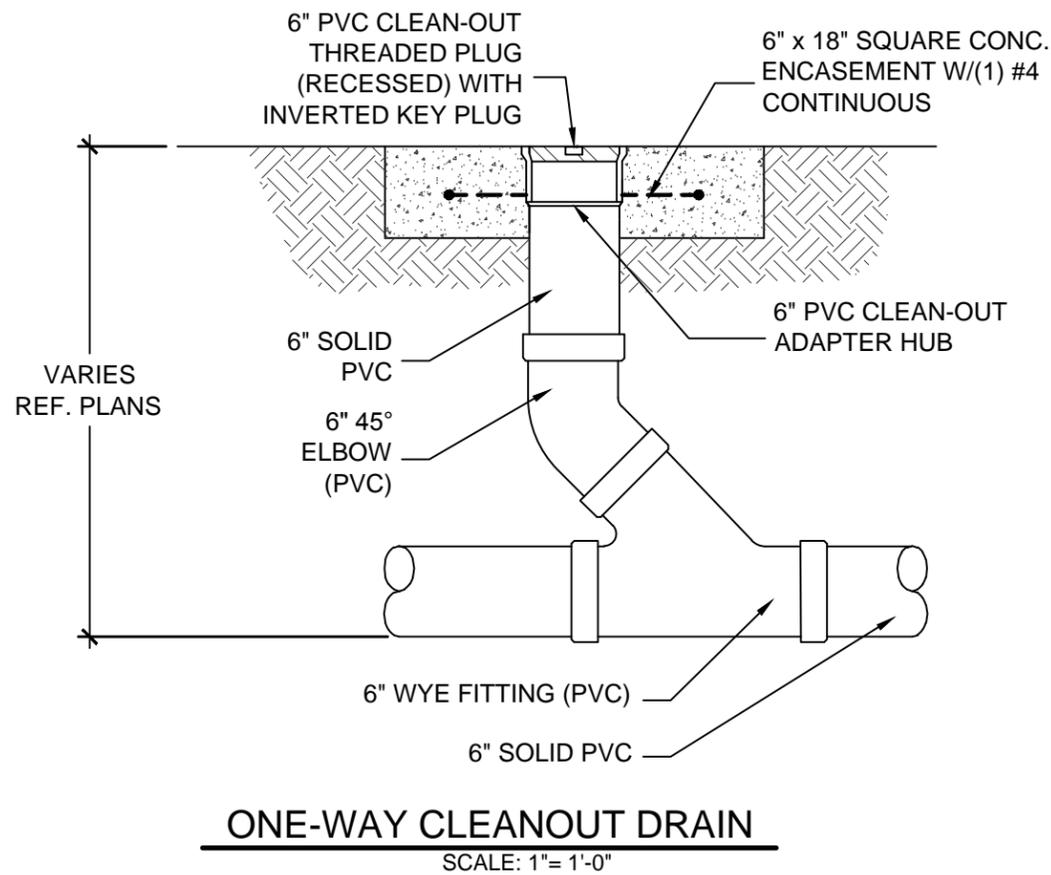


Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PLAYGROUND
DETAILS
PLAYGROUND
DRAIN
CLEANOUT
DETAILS

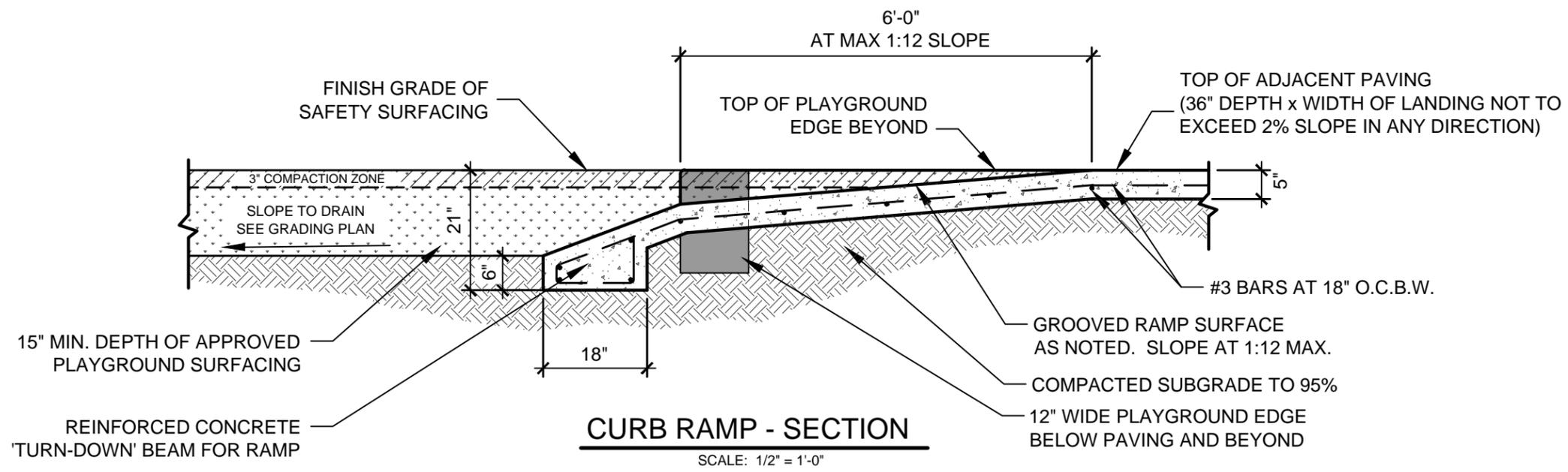
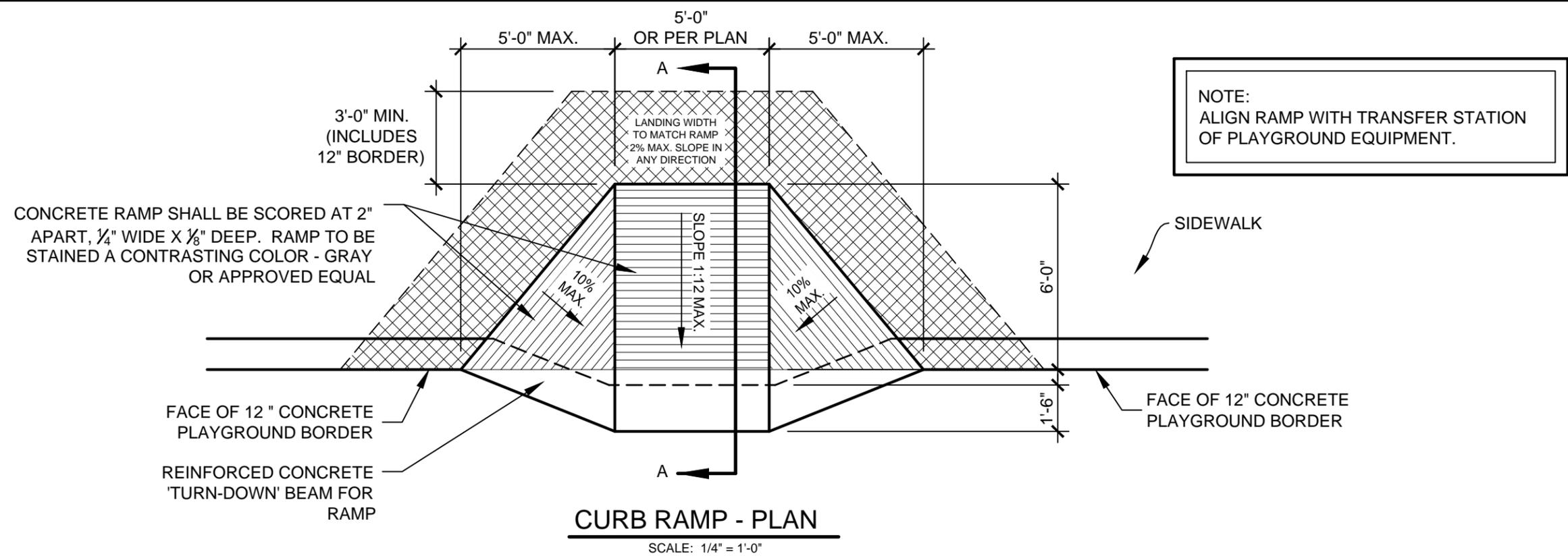
issue date	_____
revisions	_____

DETAIL C-4



C
4 PLAYGROUND DRAIN CLEANOUT DETAILS

SCALE AS SHOWN



- GENERAL NOTES:**
1. REFER TO PLAN FOR RAMP LOCATIONS.
 2. UNLESS SPECIFIED OTHERWISE, RAMP SURFACING AS NOTES SHALL SPAN ENTIRE LENGTH AND WIDTH OF RAMP AND FLARED SIDES. COLOR TO BE CHARCOAL GREY - CONTRACTOR TO PROVIDE SAMPLE PRIOR TO INSTALLATION.

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
**PLAYGROUND
DETAILS**
**PLAYGROUND
CURB RAMP
DETAILS**

issue date	_____
revisions	_____

C
5

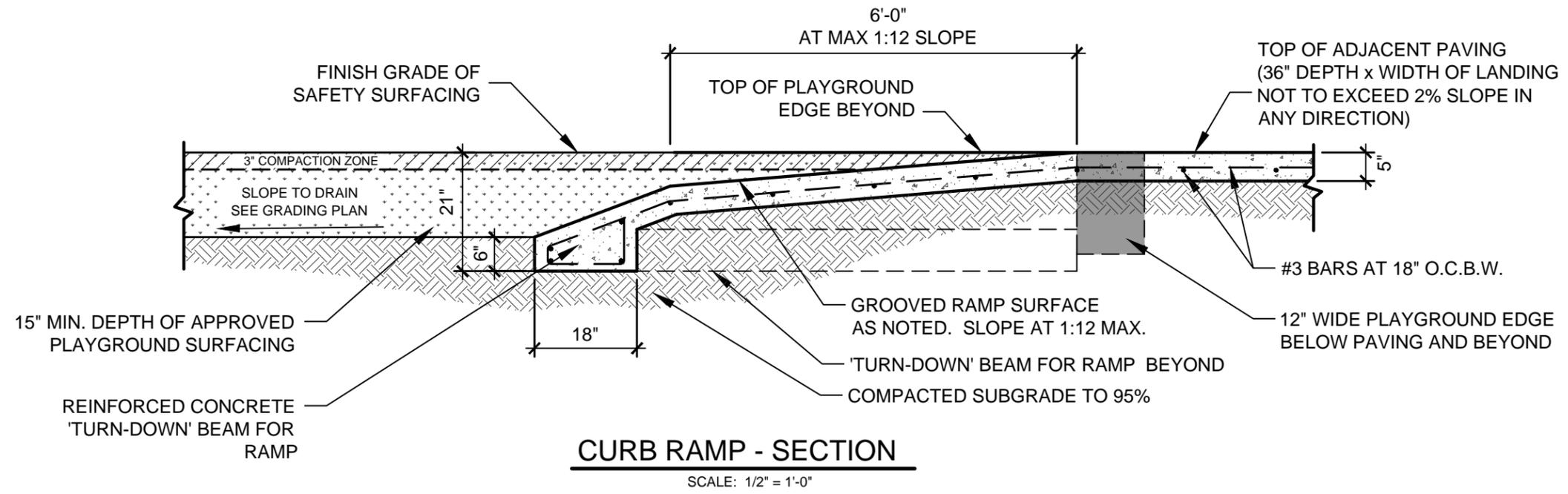
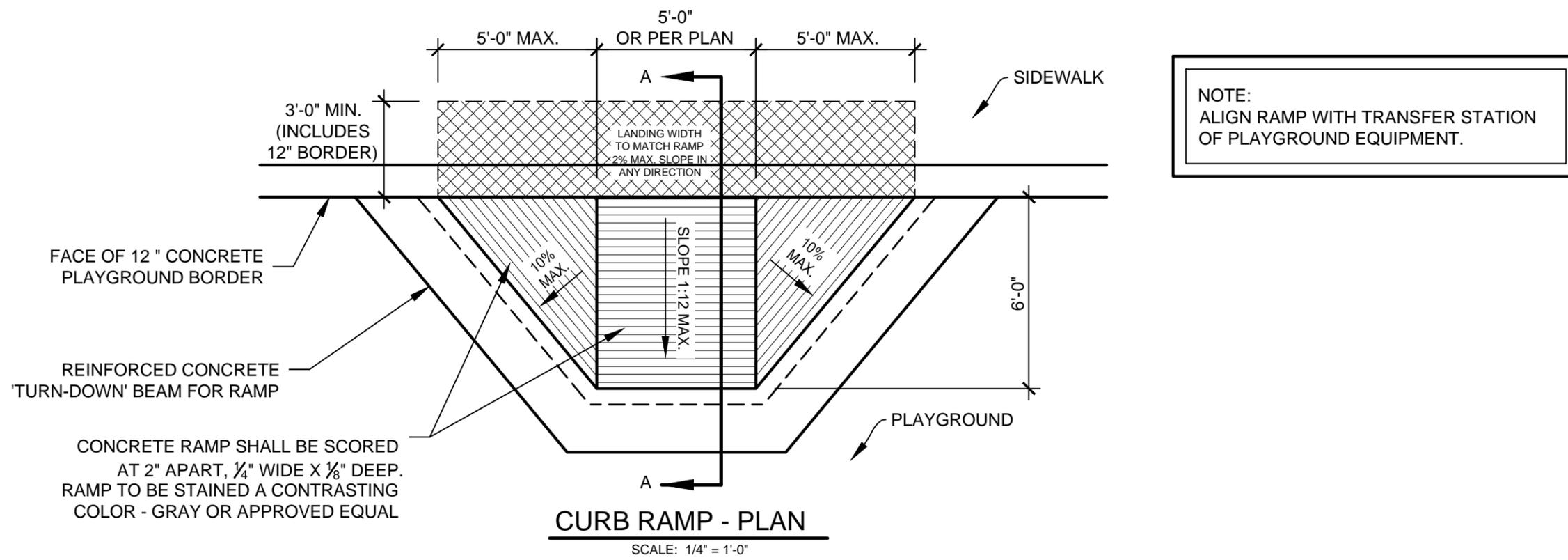
PLAYGROUND CURB RAMP DETAILS
(RAMP OUTSIDE PLAYGROUND BORDER)

SCALE AS SHOWN

DETAIL C-5



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. REFER TO PLAN FOR RAMP LOCATIONS.
2. UNLESS SPECIFIED OTHERWISE, RAMP SURFACING AS NOTES SHALL SPAN ENTIRE LENGTH AND WIDTH OF RAMP AND FLARED SIDES. COLOR TO BE CHARCOAL GREY - CONTRACTOR TO PROVIDE SAMPLE PRIOR TO INSTALLATION.

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details

PLAYGROUND
DETAILS

PLAYGROUND
CURB RAMP
DETAILS

issue date

revisions

DETAIL C-6

C
6
PLAYGROUND CURB RAMP DETAILS
(RAMP WITHIN PLAYGROUND BORDER)

SCALE AS SHOWN



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

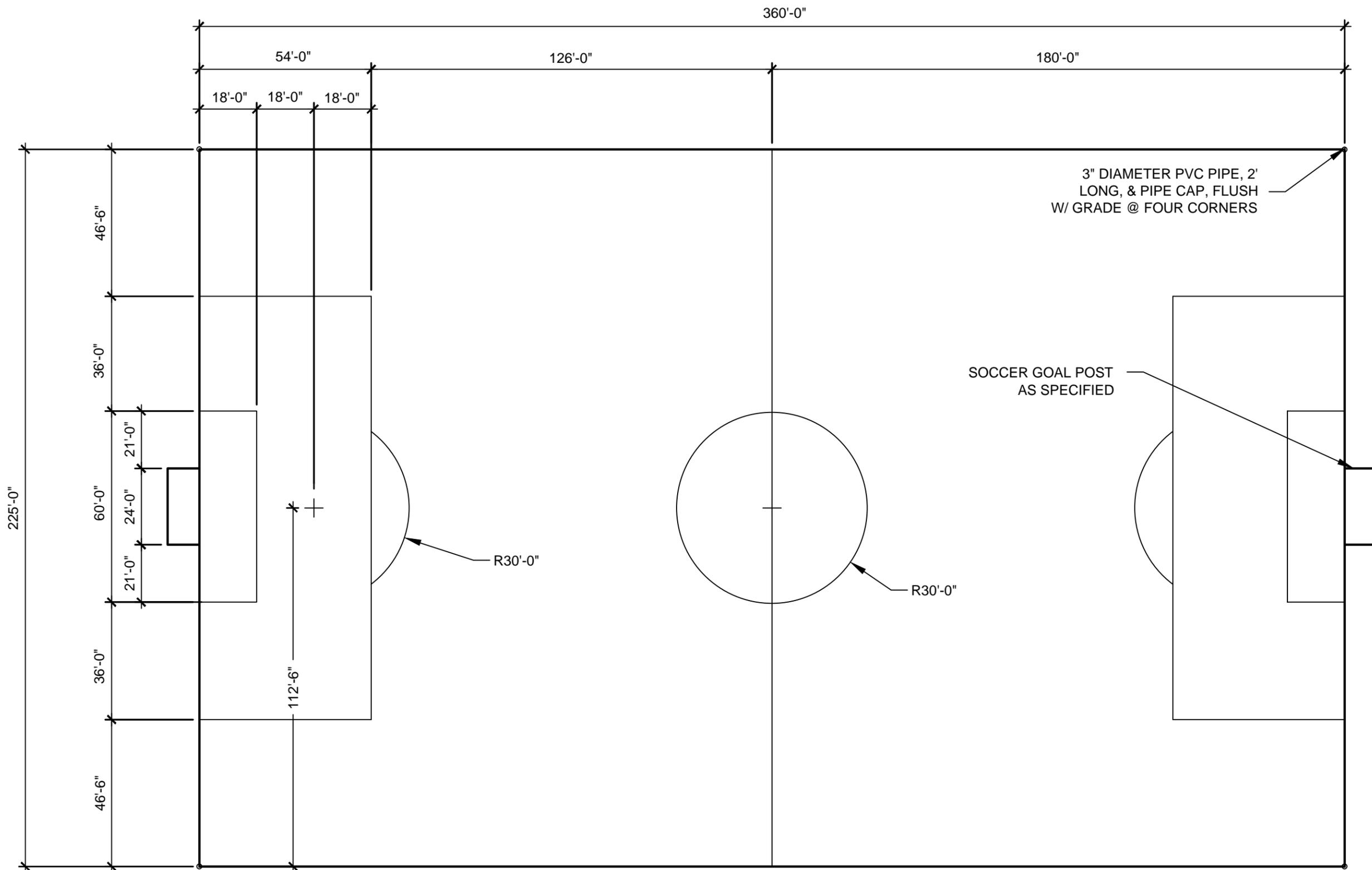
ATHLETIC FIELD
DETAILS

ADULT
SOCCER
FIELD LAYOUT

issue date

revisions

DETAIL D-1



GENERAL NOTES:

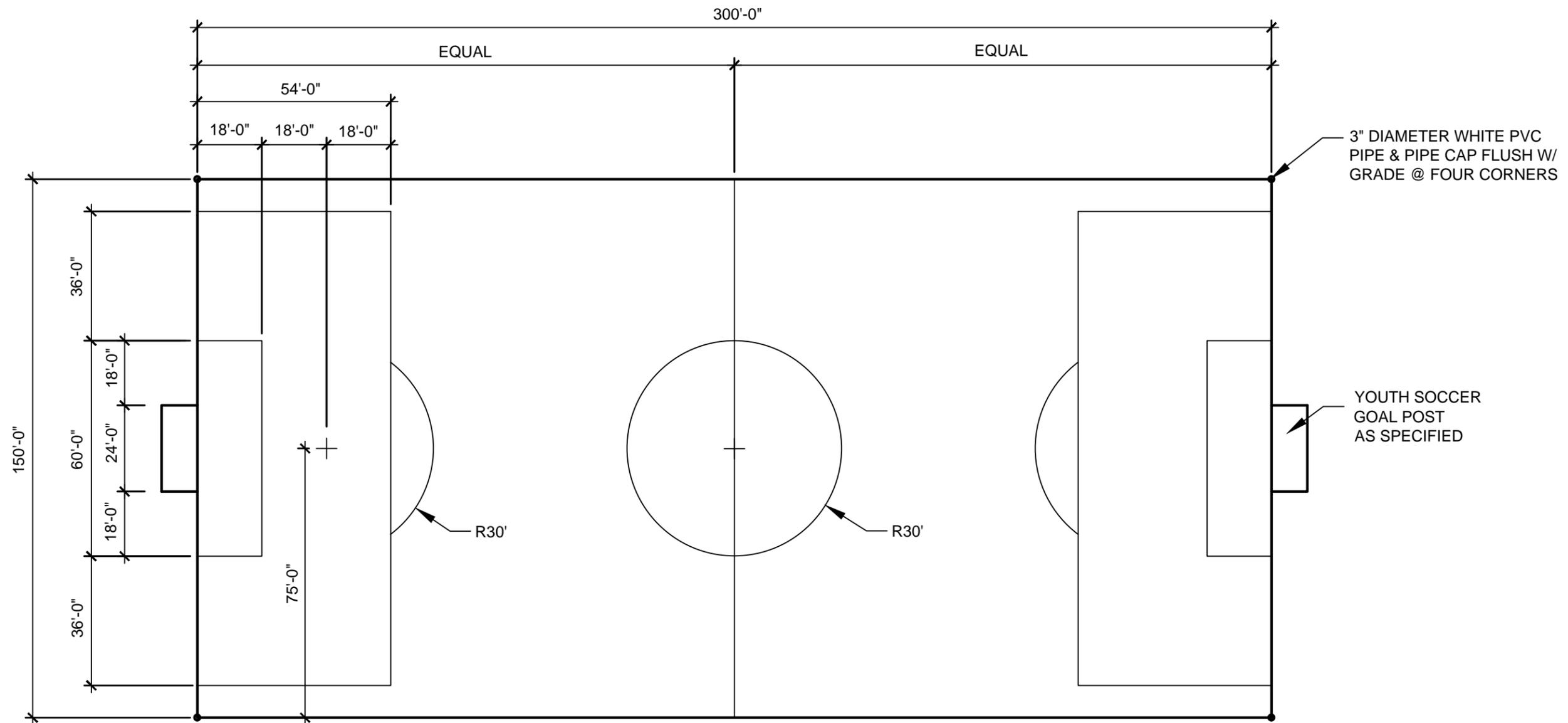
1. THE LAYOUT SHOWN IS THE PREFERRED FIELD SIZE TO ACCOMMODATE TYPICAL ADULT USERS. MINOR LAYOUT ADJUSTMENTS MAY BE REQUIRED BASED ON SPECIFIC SITE CONDITIONS.

D
1 ADULT SOCCER FIELD LAYOUT

SCALE: 1/32" = 1'-0"



scale:
dsnd:
drawn:
approved:



AGE GROUP	RECOMMENDED DIMENSIONS	LENGTH		WIDTH	
		MIN.	MAX.	MIN.	MAX.
U6	75' L x 60' W	60'	90'	45'	75'
U8	105' L x 75' W	75'	105'	60'	90'
U10	135' L x 120' W	135'	180'	105'	135'
U12	240' L x 150' W	210'	240'	135'	165'
U14	300' L x 195' W	300'	390'	150'	300'
U16	330' L x 210' W	300'	390'	150'	300'
U18	345' L x 210' W	300'	390'	150'	300'
U20	360' L x 225' W	300'	390'	150'	300'

GENERAL NOTES:

1. THE LAYOUT SHOWN IS FOR A GENERAL PURPOSE FIELD TO ACCOMMODATE A VARIETY OF AGE GROUPS. THE SIZE CHART SHOWN SHOULD BE USED AS A GUIDE IN THE EVENT THE FACILITY IS TO BE USED FOR SPECIFIC AGE GROUPS OR SITE CONDITIONS REQUIRE MINOR LAYOUT ADJUSTMENTS.

D
2 YOUTH SOCCER FIELD LAYOUT (GENERAL PURPOSE)

SCALE: 1/32" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

ATHLETIC FIELD
DETAILS

YOUTH SOCCER
FIELD
LAYOUT
(GENERAL PURPOSE)

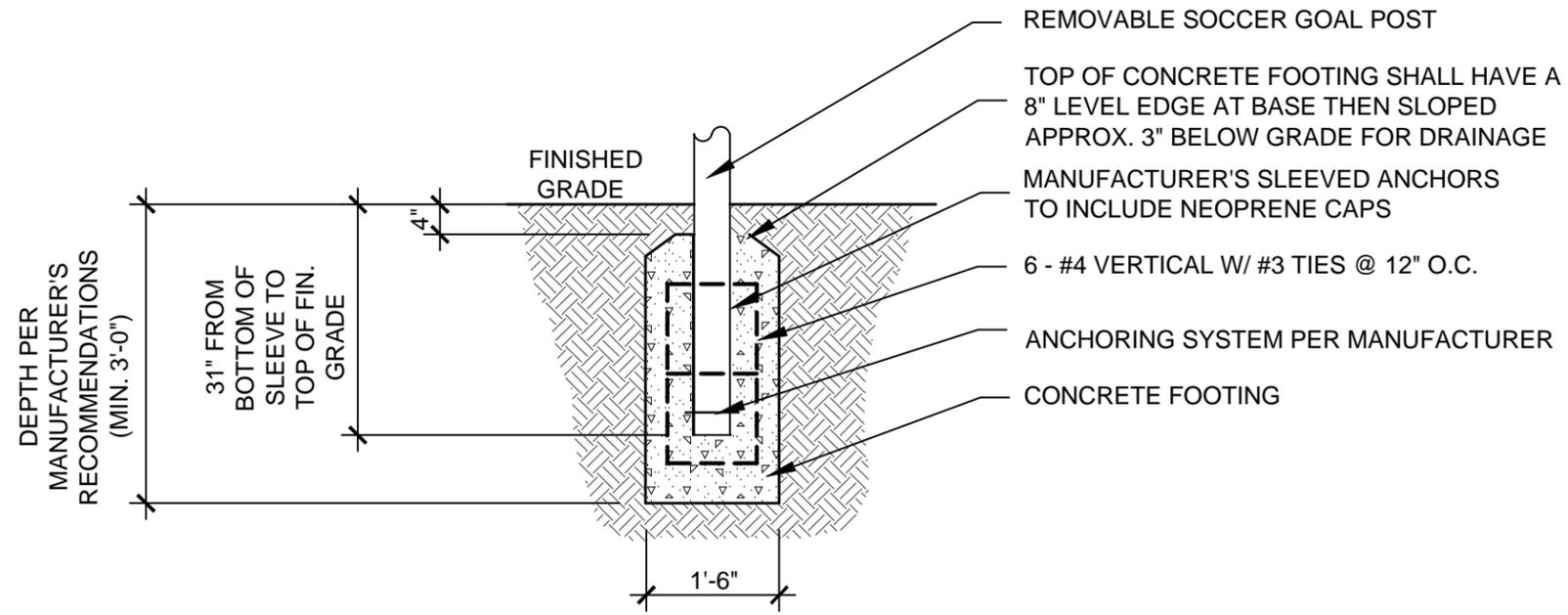
issue date

revisions

DETAIL D-2

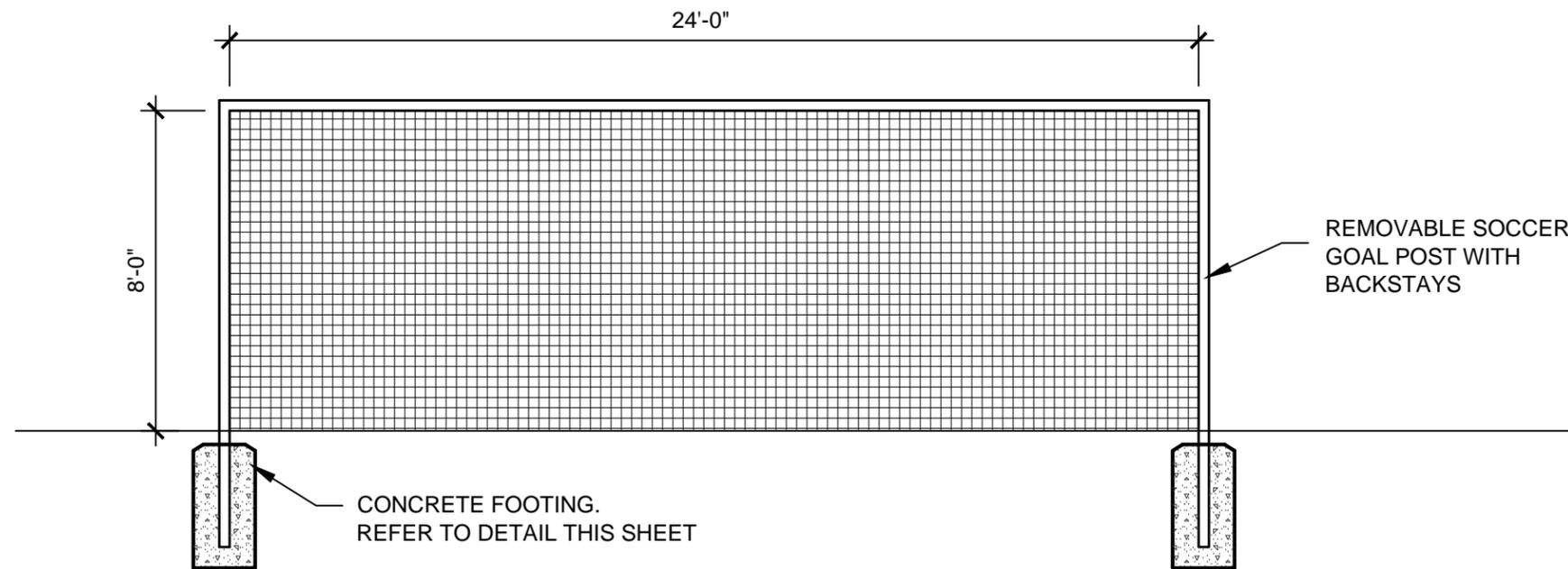


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dsnd:
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approved:



SOCCKER GOAL POST FOOTING

SCALE: 1/2" = 1'-0"



SOCCKER GOAL ELEVATION

SCALE: 1/4" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

ATHLETIC FIELD
DETAILS

SOCCKER
GOAL
DETAILS

issue date

revisions

D
3

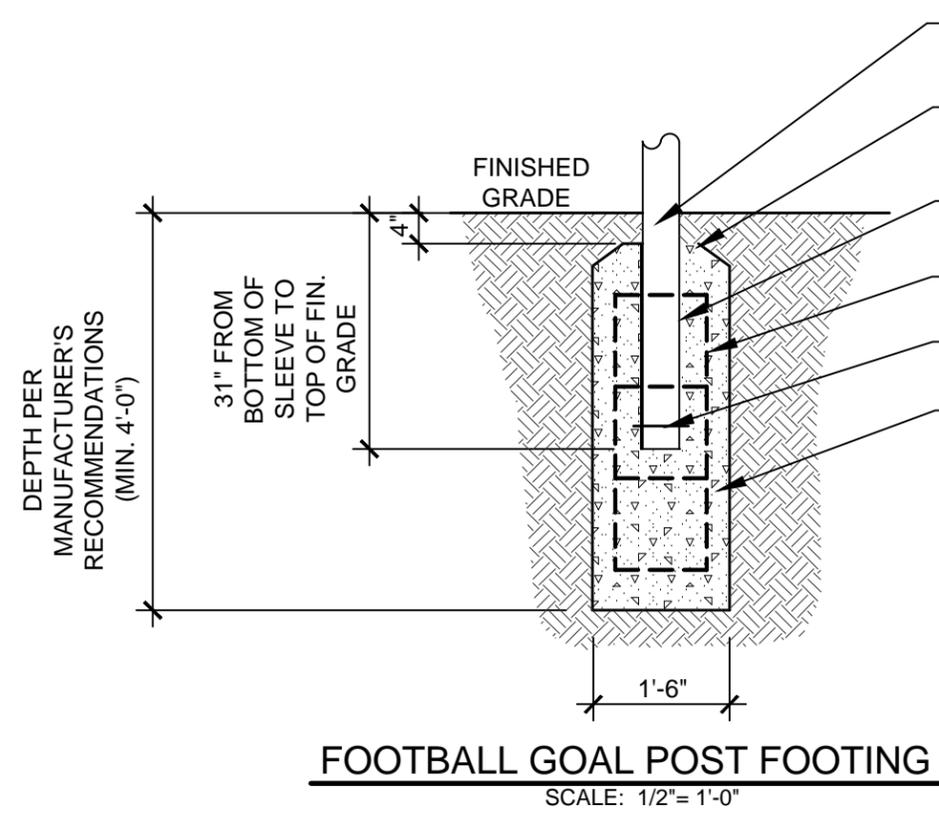
SOCCKER GOAL DETAILS

SCALE AS SHOWN

DETAIL D-3



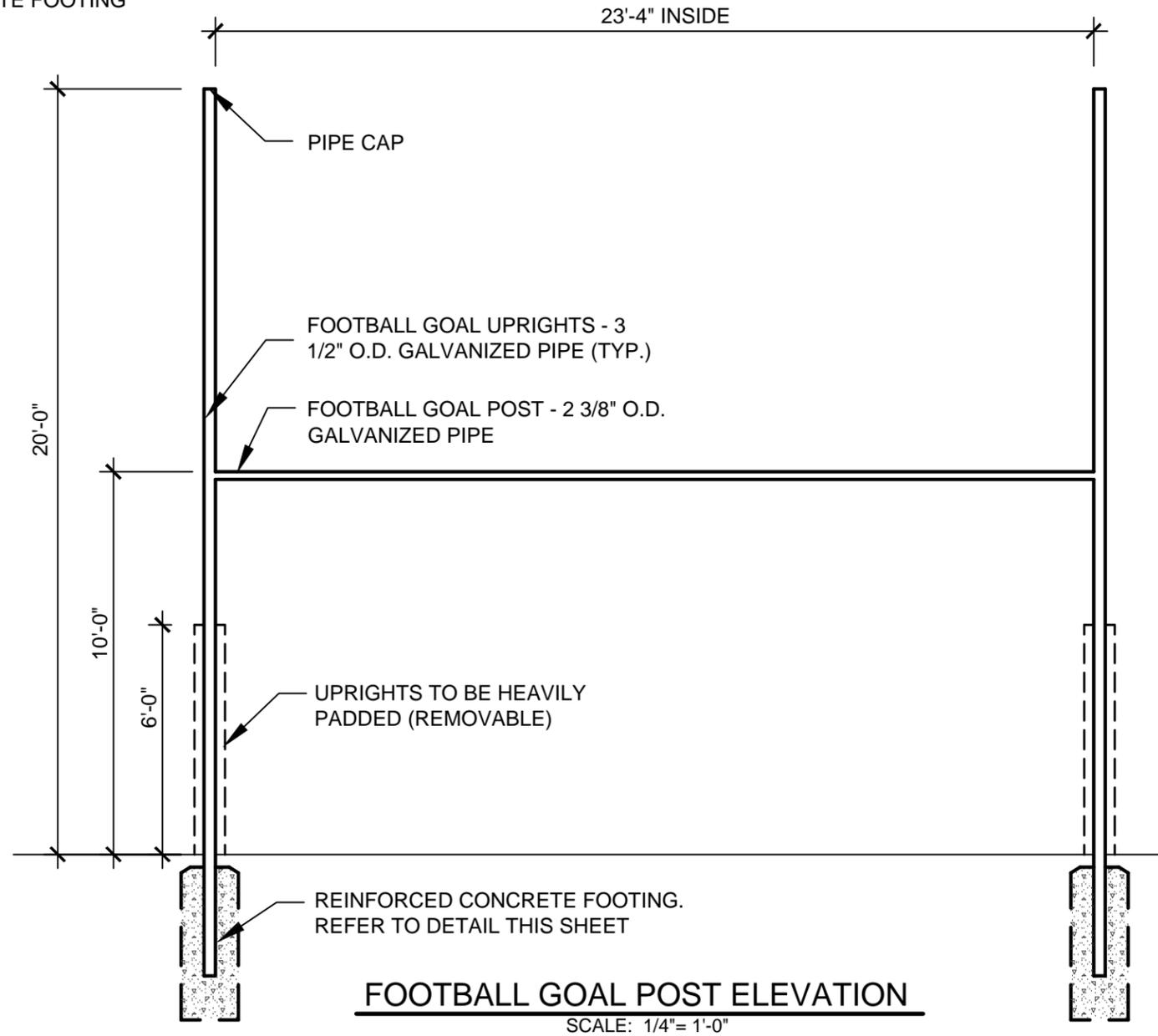
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FOOTBALL GOAL POST FOOTING

SCALE: 1/2" = 1'-0"

- REMOVABLE FOOTBALL GOAL POST
- TOP OF CONCRETE FOOTING SHALL HAVE A 8" LEVEL EDGE AT BASE THEN SLOPED APPROX. 3" BELOW GRADE FOR DRAINAGE
- MANUFACTURER'S SLEEVED ANCHORS TO INCLUDE NEOPRENE CAPS
- 6 - #4 VERTICAL W/ #3 TIES @ 12" O.C.
- ANCHORING SYSTEM PER MANUFACTURER
- CONCRETE FOOTING



FOOTBALL GOAL POST ELEVATION

SCALE: 1/4" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

FOOTBALL
GOAL POST
DETAILS

issue date

revisions



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

TENNIS COURT
PLAN

issue date

revisions

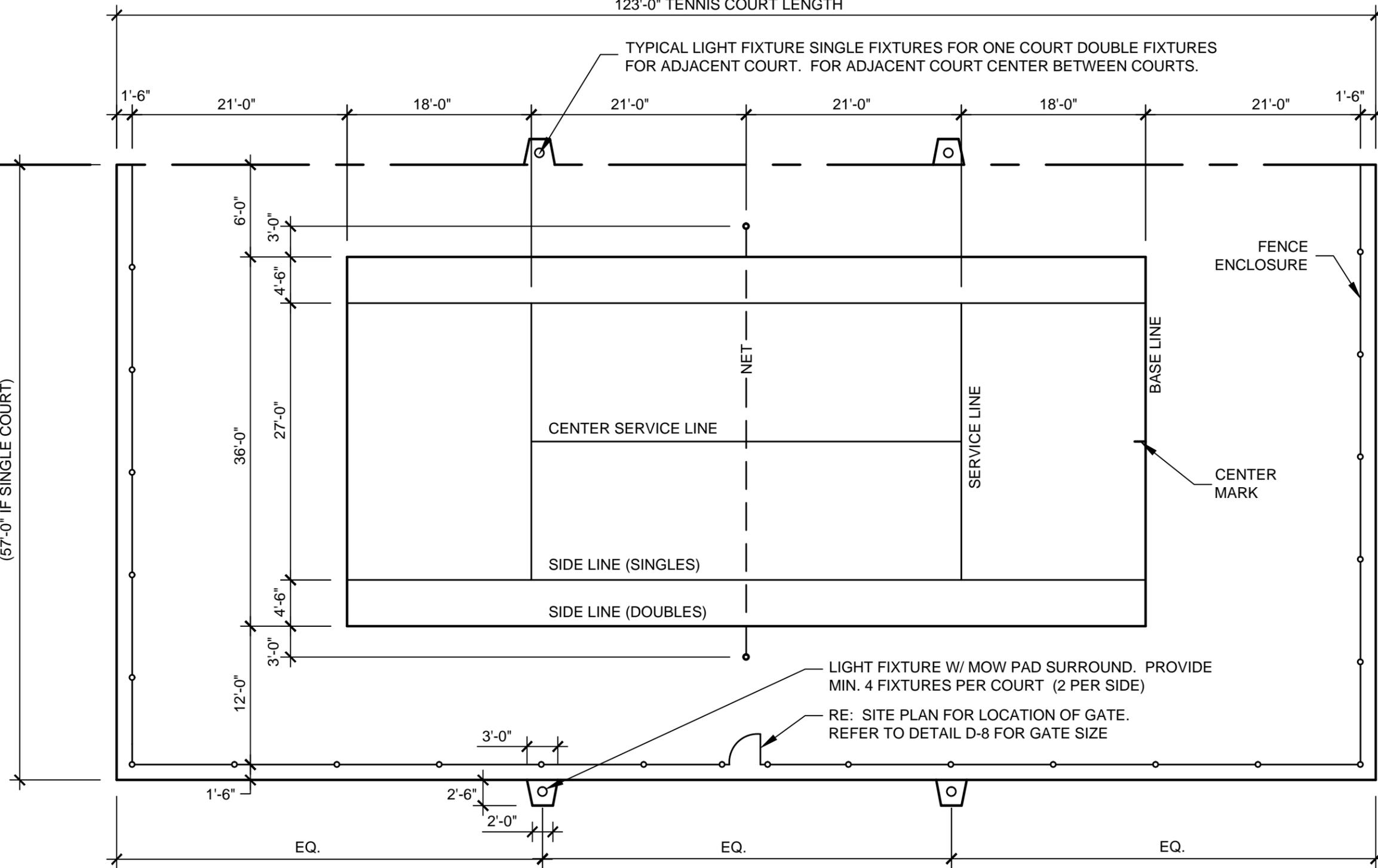
DETAIL D-5

123'-0" TENNIS COURT LENGTH

TYPICAL LIGHT FIXTURE SINGLE FIXTURES FOR ONE COURT DOUBLE FIXTURES FOR ADJACENT COURT. FOR ADJACENT COURT CENTER BETWEEN COURTS.

OPPOSITE HAND
SIMILIAR AT
ADJACENT COURT

55'-6" TENNIS COURT WIDTH
(57'-0" IF SINGLE COURT)



LIGHT FIXTURE W/ MOW PAD SURROUND. PROVIDE MIN. 4 FIXTURES PER COURT (2 PER SIDE)

RE: SITE PLAN FOR LOCATION OF GATE. REFER TO DETAIL D-8 FOR GATE SIZE

STRUCTURAL NOTE:
STRUCTURAL DETAILS FOR POST-TENSION CONCRETE SLAB TENNIS COURT TO BE SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.

GENERAL NOTES:

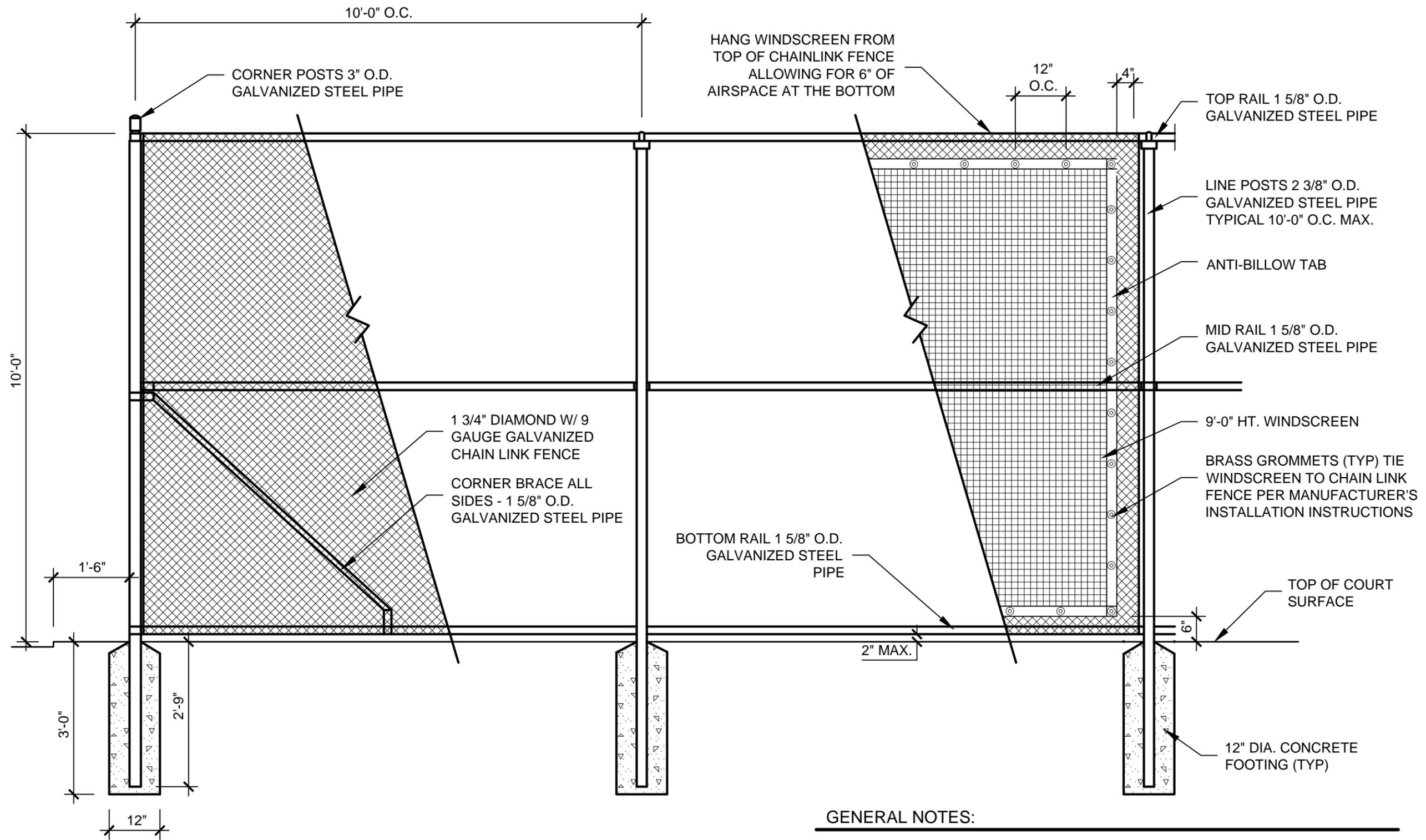
1. PROVIDE 1% SLOPE @ CONCRETE SLAB FOR POSITIVE DRAINAGE.
2. LIGHTS TO BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
3. ALL COURT STRIPING TO BE 2" WIDE LINES PAINTED WHITE.

D
5 TENNIS COURT PLAN

SCALE: 3/32" = 1'-0"



scale:
dsnd:
drawn:
approved:



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

TENNIS COURT
FENCE
ELEVATION

issue date

revisions

GENERAL NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.
2. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
3. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153.
4. ALL FENCE COMPONENTS TO BE VINYL COATED COLOR TO BE BLACK.
5. NO ALUMINUM FENCE TIES SHALL BE PERMITTED.
6. REFERENCE TECHNICAL SPECIFICATIONS FOR WINDSCREEN TYPE AND MFGR. AND INSTALLATION INSTRUCTIONS.

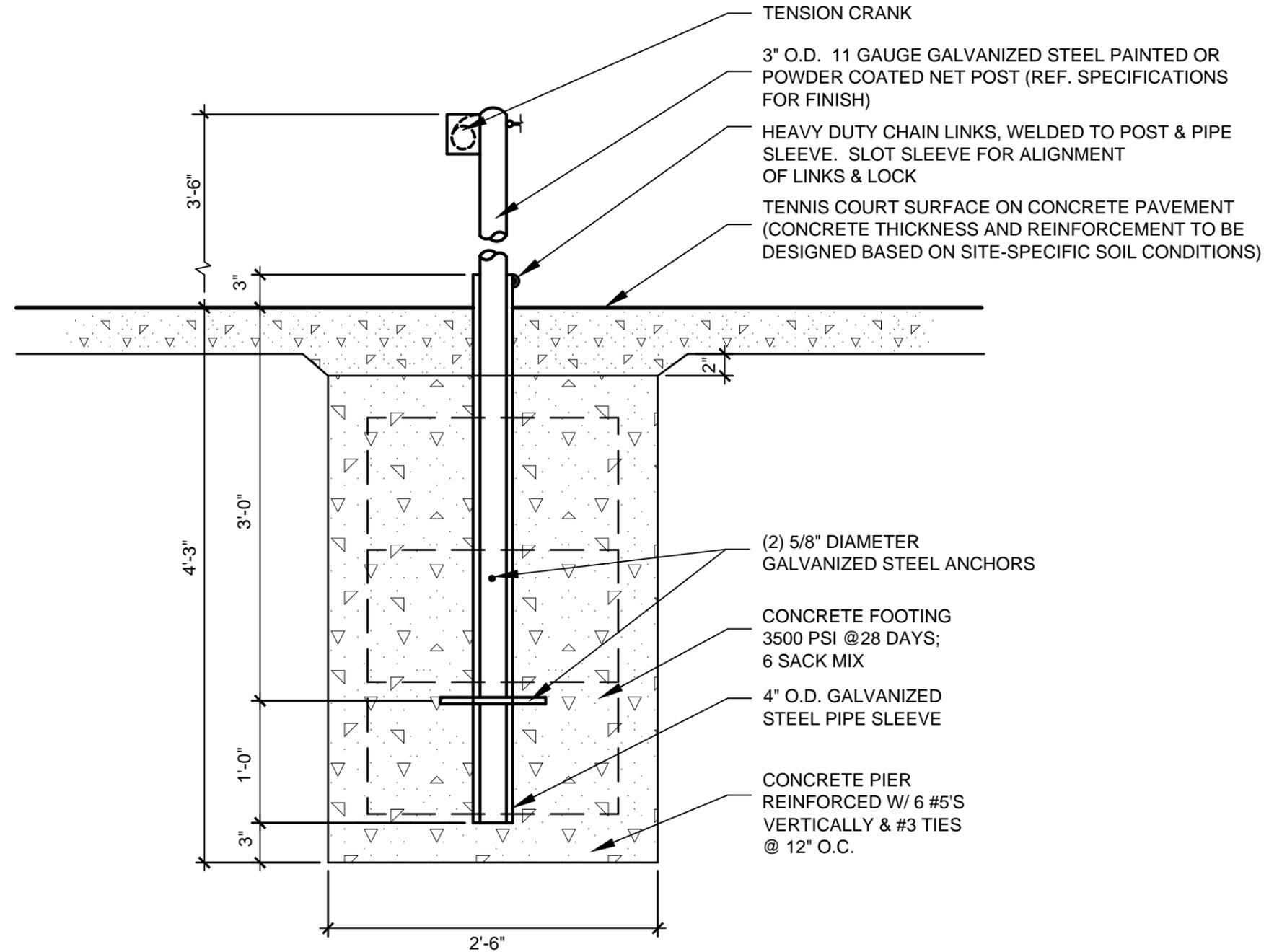
D
6 TENNIS COURT FENCE ELEVATION

SCALE: 1/2" = 1'-0"

DETAIL D-6



scale:
dsnd:
drawn:
approved:



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

TENNIS COURT
NET POST
DETAIL

issue date

revisions

D
7

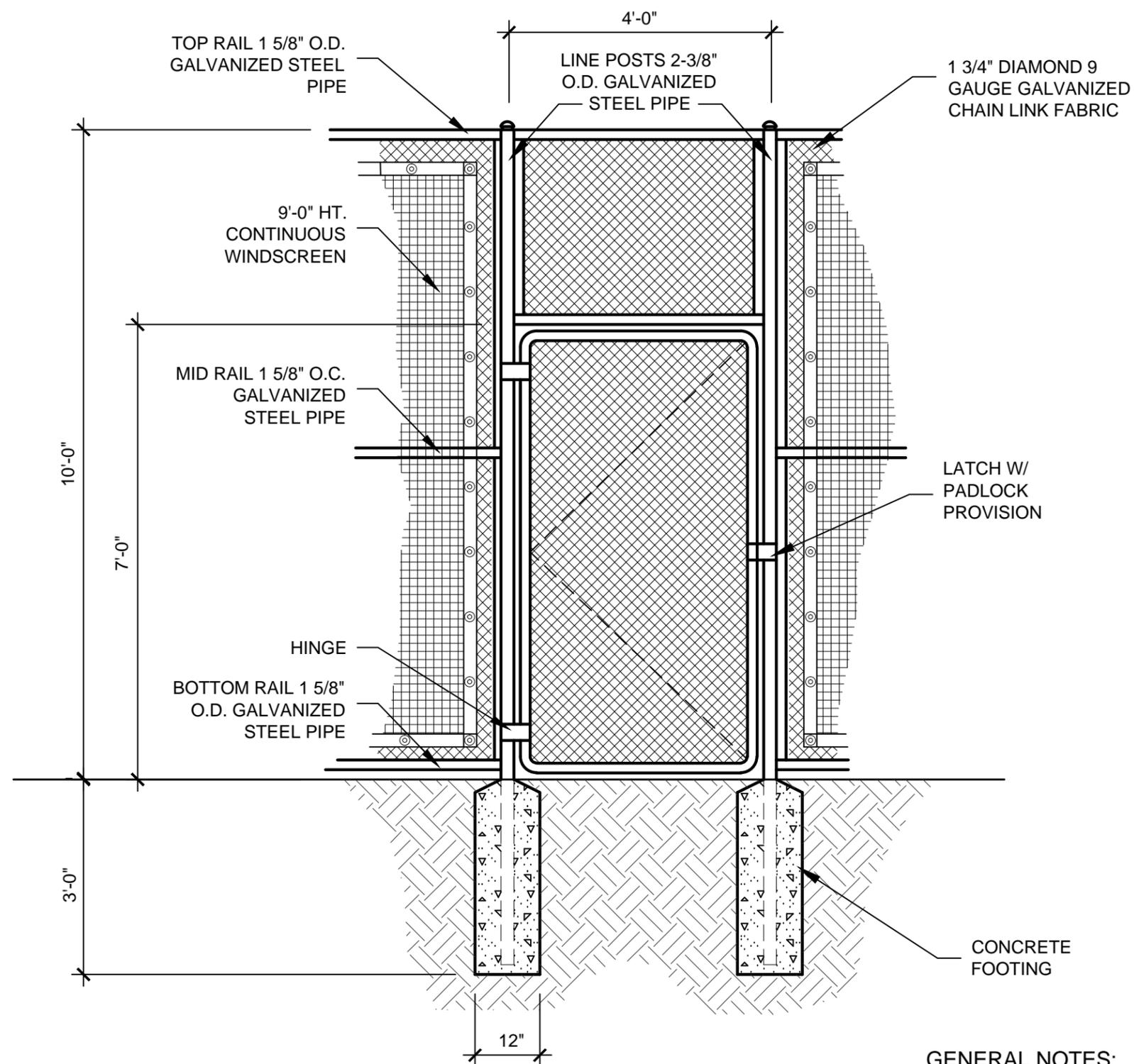
TENNIS COURT NET POST DETAIL

SCALE: 1"= 1'-0"

DETAIL D-7



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.
2. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
3. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153.
4. ALL FENCE COMPONENTS TO BE VINYL COATED COLOR TO BE BLACK.
5. NO ALUMINUM FENCE TIES SHALL BE PERMITTED.
6. REFERENCE TECHNICAL SPECIFICATIONS FOR WINDSCREEN TYPE AND MFGR. AND INSTALLATION INSTRUCTIONS.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

TENNIS COURT
ELEVATION
AT ENCLOSURE
GATE

issue date

revisions

D
8

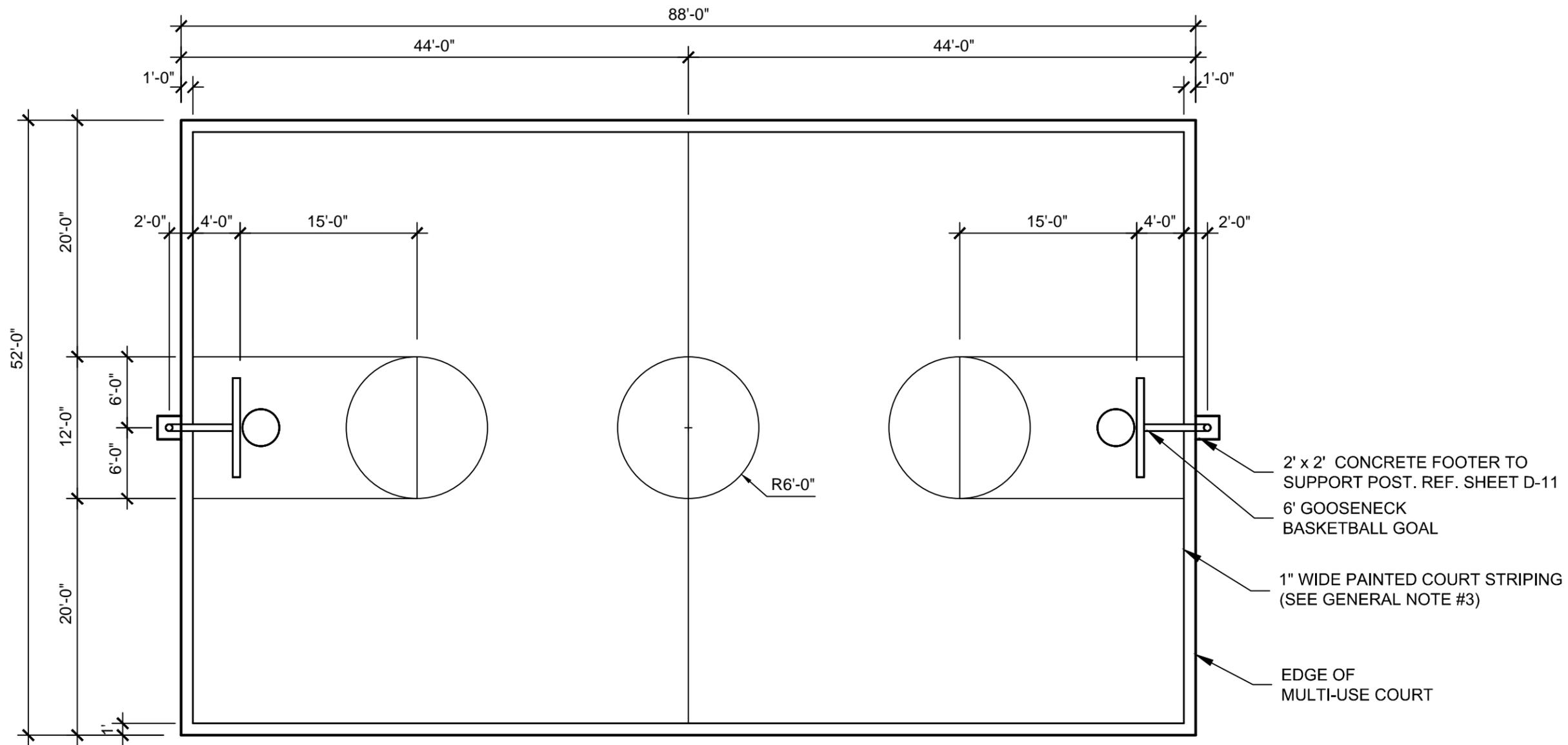
TENNIS COURT ELEVATION @ ENCLOSURE GATE

SCALE: 1/2" = 1'-0"

DETAIL D-8



scale:
dsnd:
drawn:
approved:



- 2' x 2' CONCRETE FOOTER TO SUPPORT POST. REF. SHEET D-11
- 6' GOOSENECK BASKETBALL GOAL
- 1" WIDE PAINTED COURT STRIPING (SEE GENERAL NOTE #3)
- EDGE OF MULTI-USE COURT

GENERAL NOTES:

1. ALL WRITTEN DIMENSIONS SHALL PREVAIL.
2. BASKETBALL COURT TO BE POST TENSION CONCRETE SLAB.
3. ALL COURT STRIPING TO BE 1" WIDTH PAINTED WHITE OR ALTERNATE COLOR APPROVED BY OWNER.

POST TENSIONING NOTES:

1. POST TENSIONING SHALL MEET ALL CURRENT STANDARDS OF THE POST TENSIONING INSTITUTE.
2. INSTALLATION PROCEDURES, FOR REVIEW PRIOR TO BEGINNING INSTALLATION OF BASKETBALL COURT.
3. ALL TENDONS SHALL BE 1/2" DIAMETER - 270 KSI STRAND.
4. ALL CONCRETE SHALL BE 3600 PSI MINIMUM.
5. AGGREGATE USED IN CONCRETE IS TO BE UNIFORMLY GRADED WITH @ LEAST 500 # 3/8" AGGREGATE PER YARD.
6. PARTIAL STRESSING (25%) SHALL BE REQUIRED @ 24 HOURS. 100% STRESSING SHALL BE COMPLETED WITHIN 7 DAYS. REQUIRED ANCHOR FORCE TO BE 28.9 KPS.
7. SUBMIT CONCRETE MIX DESIGN FOR REVIEW BY PARKS DEPARTMENT REPRESENTATIVE.

D
9 BASKETBALL COURT LAYOUT

SCALE : 1" = 10'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

BASKETBALL
COURT
LAYOUT

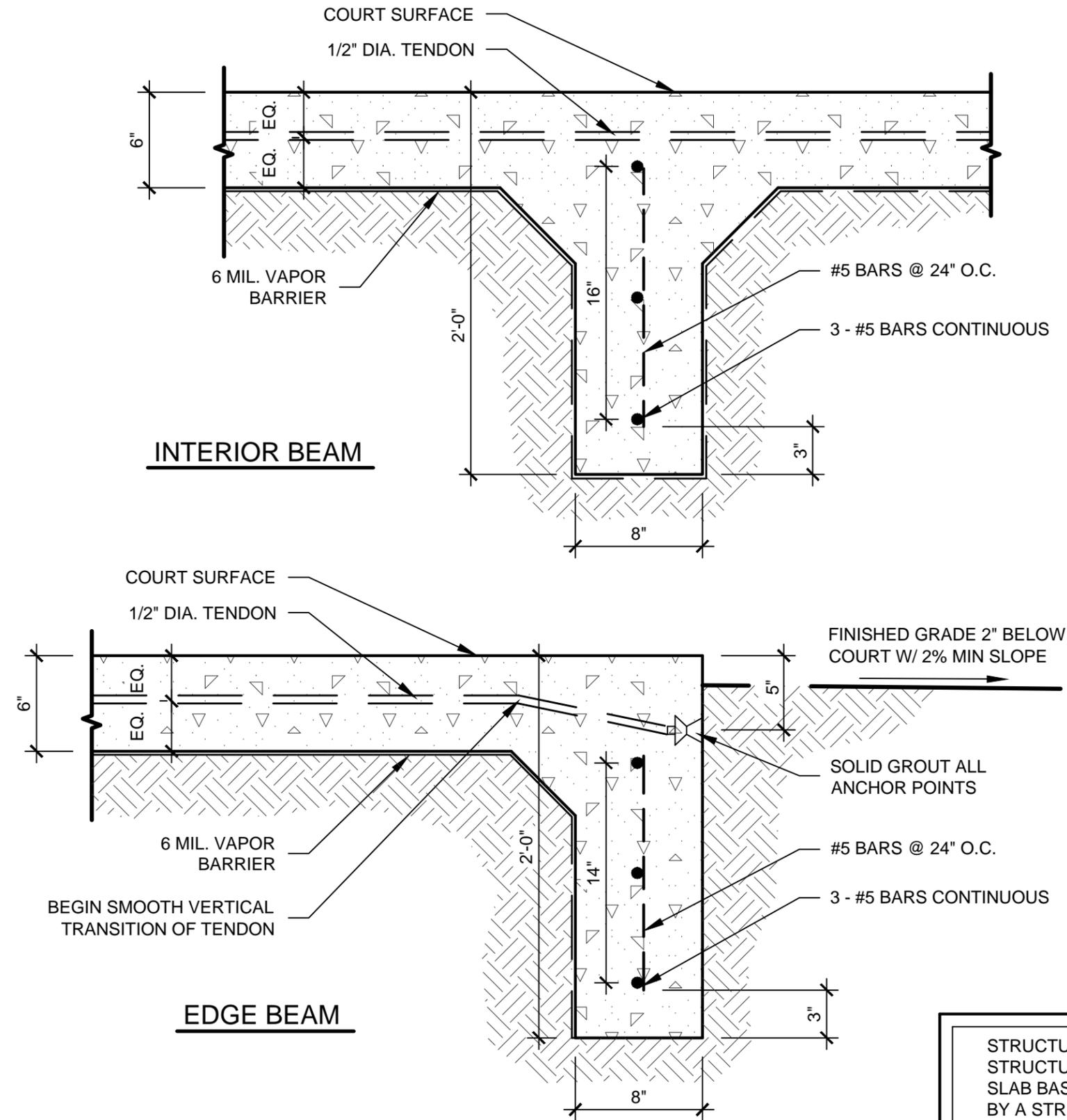
issue date

revisions

DETAIL D-9



scale:
dsnd:
drawn:
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STRUCTURAL NOTE:
STRUCTURAL DETAILS FOR POST-TENSION CONCRETE SLAB BASKETBALL COURT TO BE SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

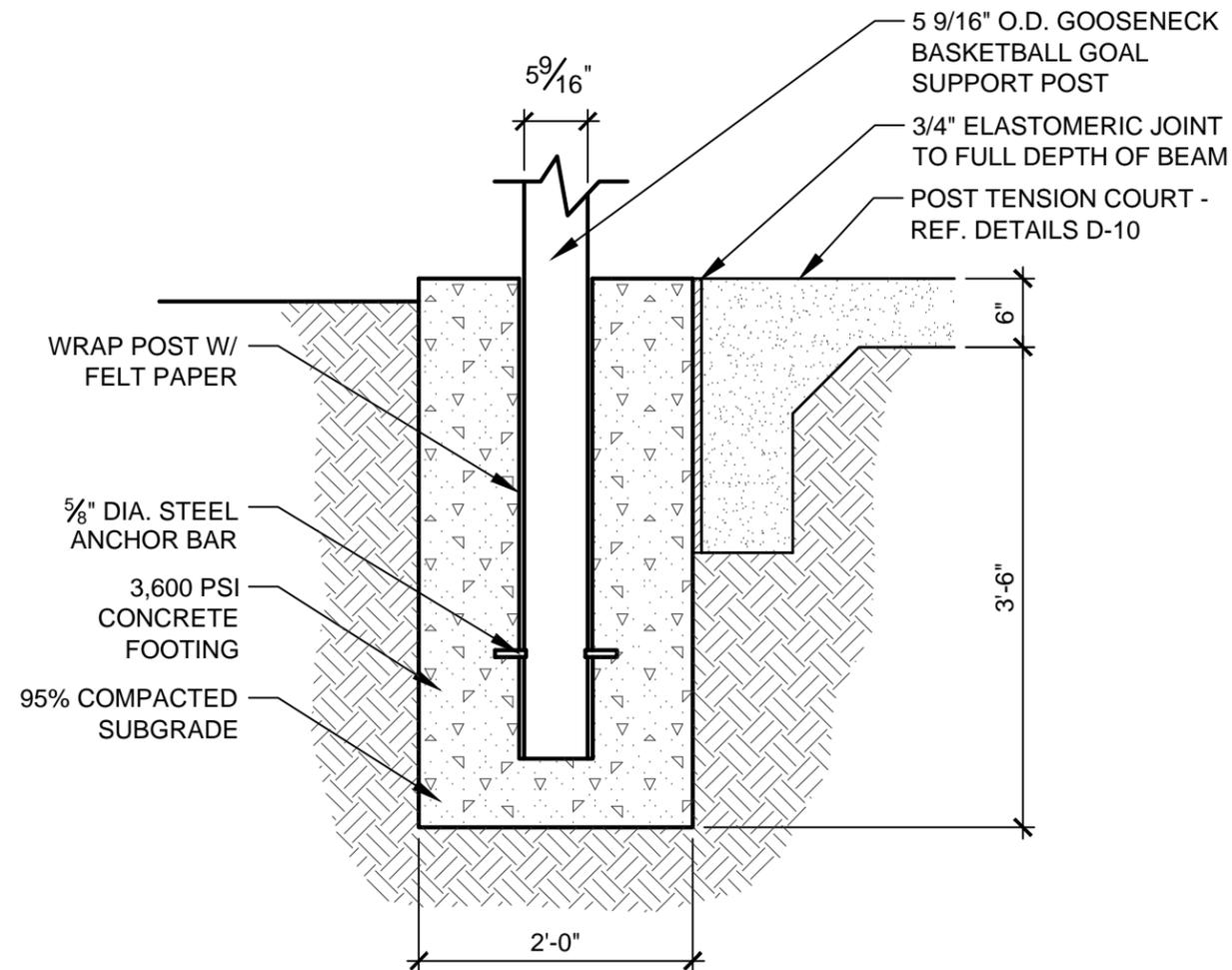
Typical Construction Details
ATHLETIC FIELD
DETAILS
BASKETBALL
COURT
BEAM DETAILS

issue date	_____
revisions	_____

DETAIL D-10

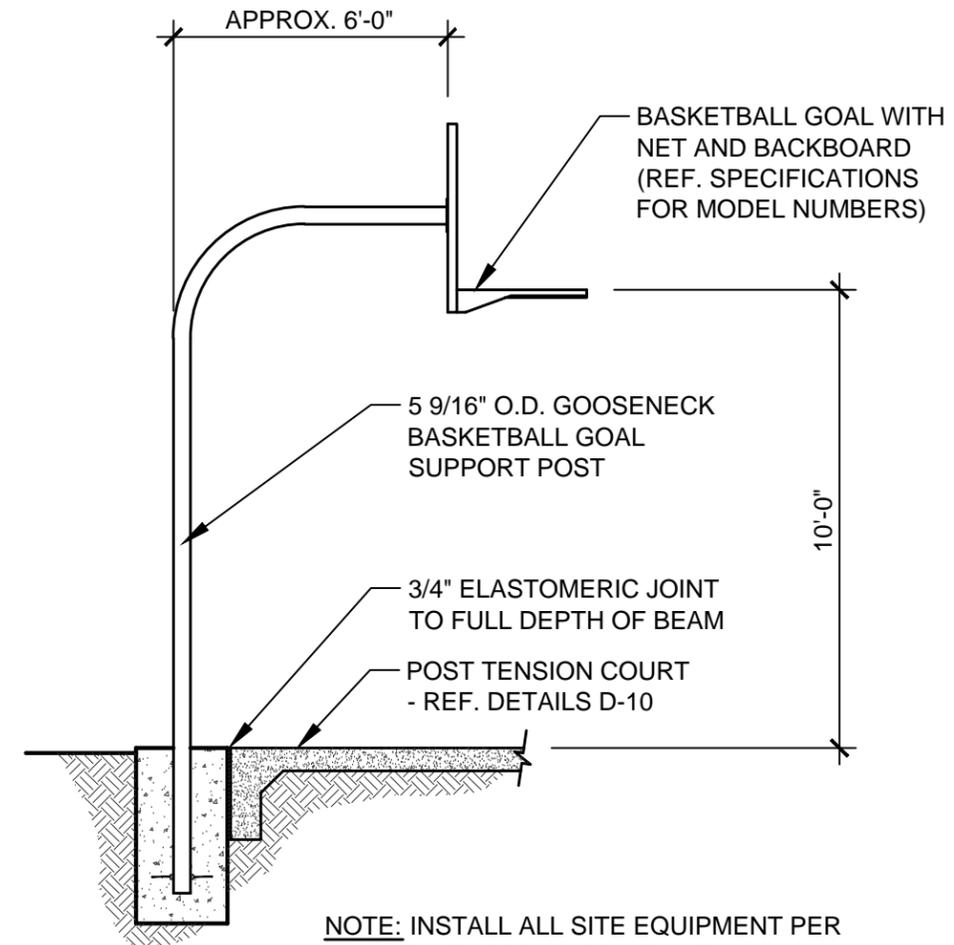


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BASKETBALL GOAL POST FOOTING

SCALE : 3/4" = 1'-0"



BASKETBALL GOAL POST ASSEMBLY

SCALE : 1/4" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS
BASKETBALL GOAL
POST FOOTING AND
GOAL ASSEMBLY
DETAILS

issue date	_____
revisions	_____

D
11

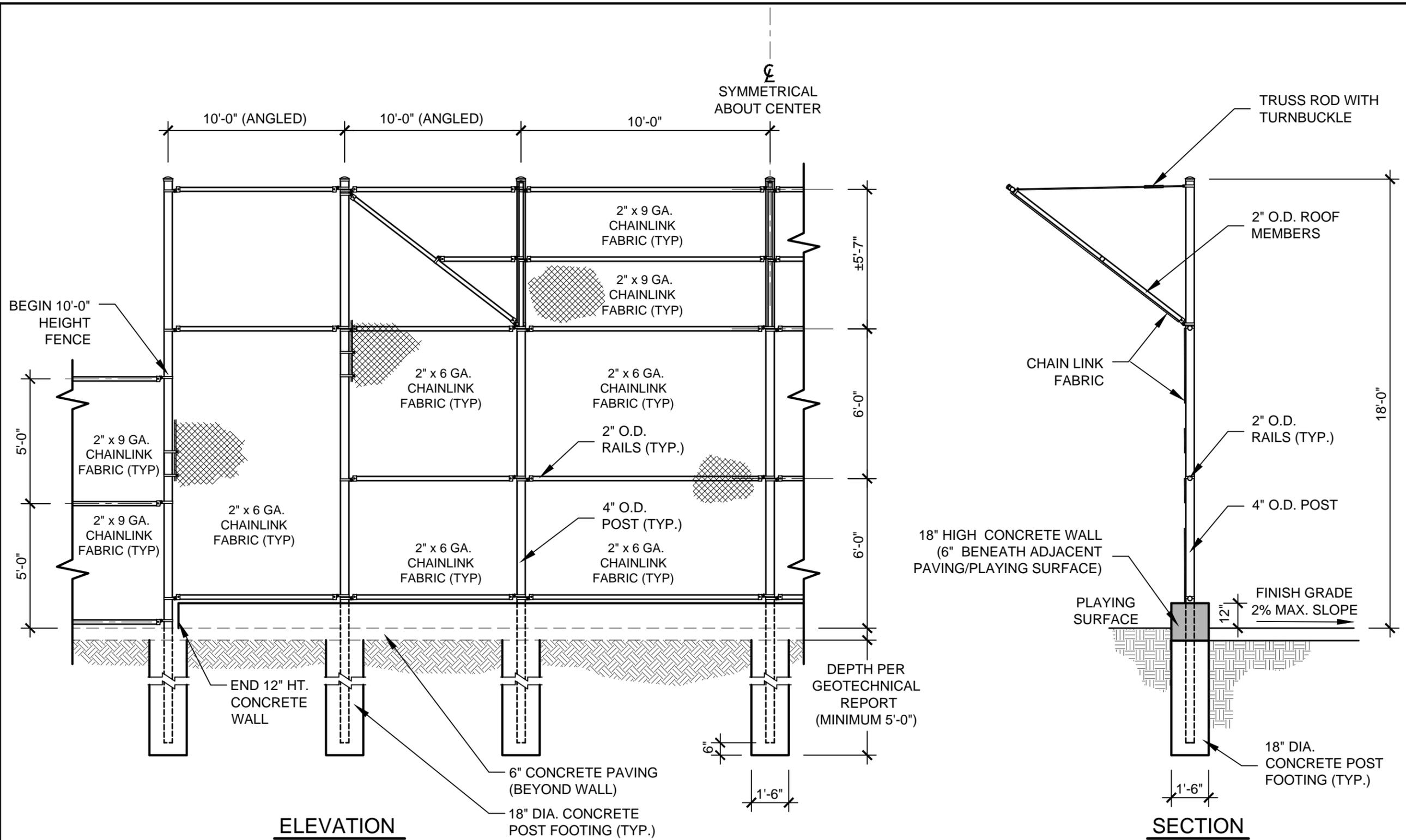
BASKETBALL GOAL POST FOOTING AND POST ASSEMBLY DETAILS

SCALE : AS NOTED

DETAIL D-11



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, ALL POSTS AND RAILS TO BE SCHEDULE 40 GALVANIZED.
2. UNLESS NOTED OTHERWISE, ALL FABRIC TO BE GALVANIZED.
3. UNLESS NOTED OTHERWISE, ALL FASTENERS AND CHAIN LINK FENCE ACCESSORY ITEMS TO BE GALVANIZED.
4. NO ALUMINUM TIES SHALL BE PERMITTED.
5. CHAIN LINK FABRIC ON BOTTOM TWO PANELS OF ENTIRE BACKSTOP SHALL BE 6 GAUGE.

D BACKSTOP LAYOUT & DETAILS

SCALE : 1/4" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

BACKSTOP
LAYOUT &
DETAILS

issue date	_____
revisions	_____

DETAIL D-12



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

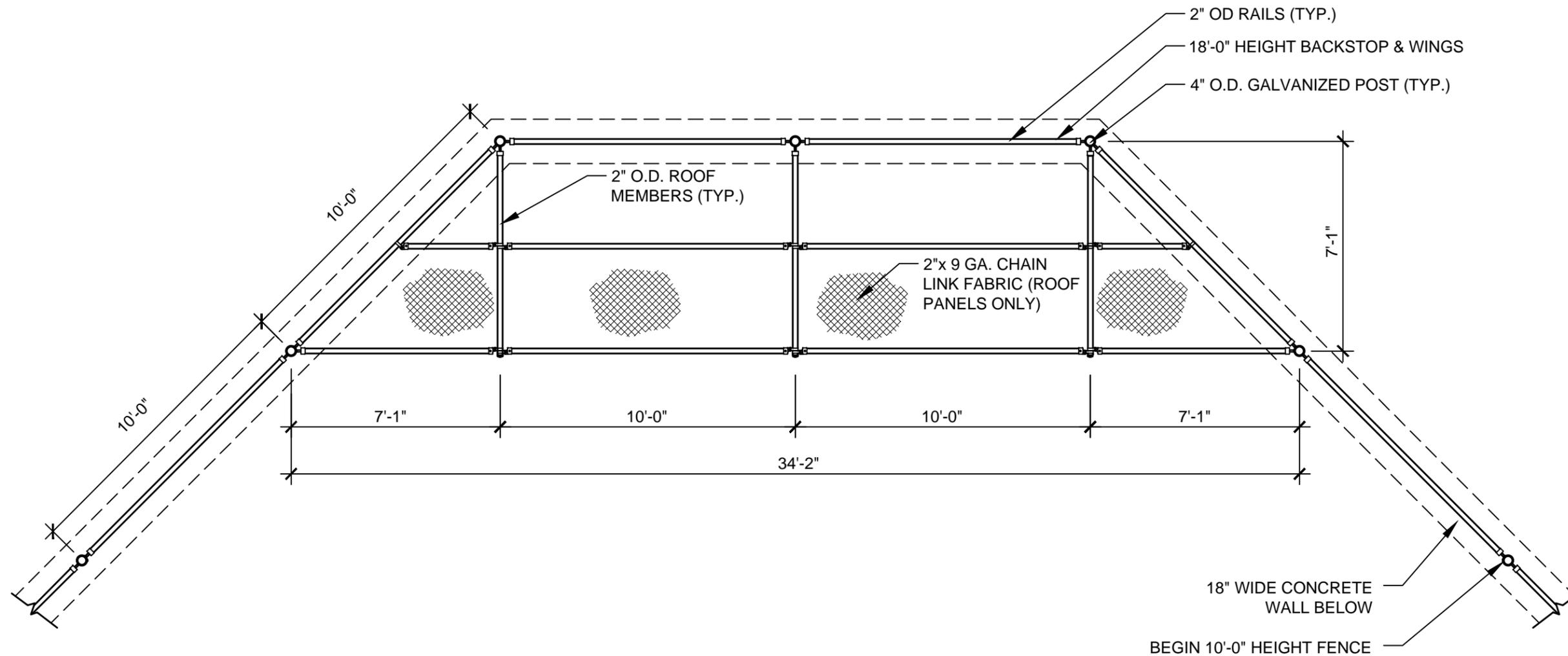
ATHLETIC FIELD
DETAILS

BACKSTOP
LAYOUT

issue date

revisions

DETAIL D-13



PLAN VIEW

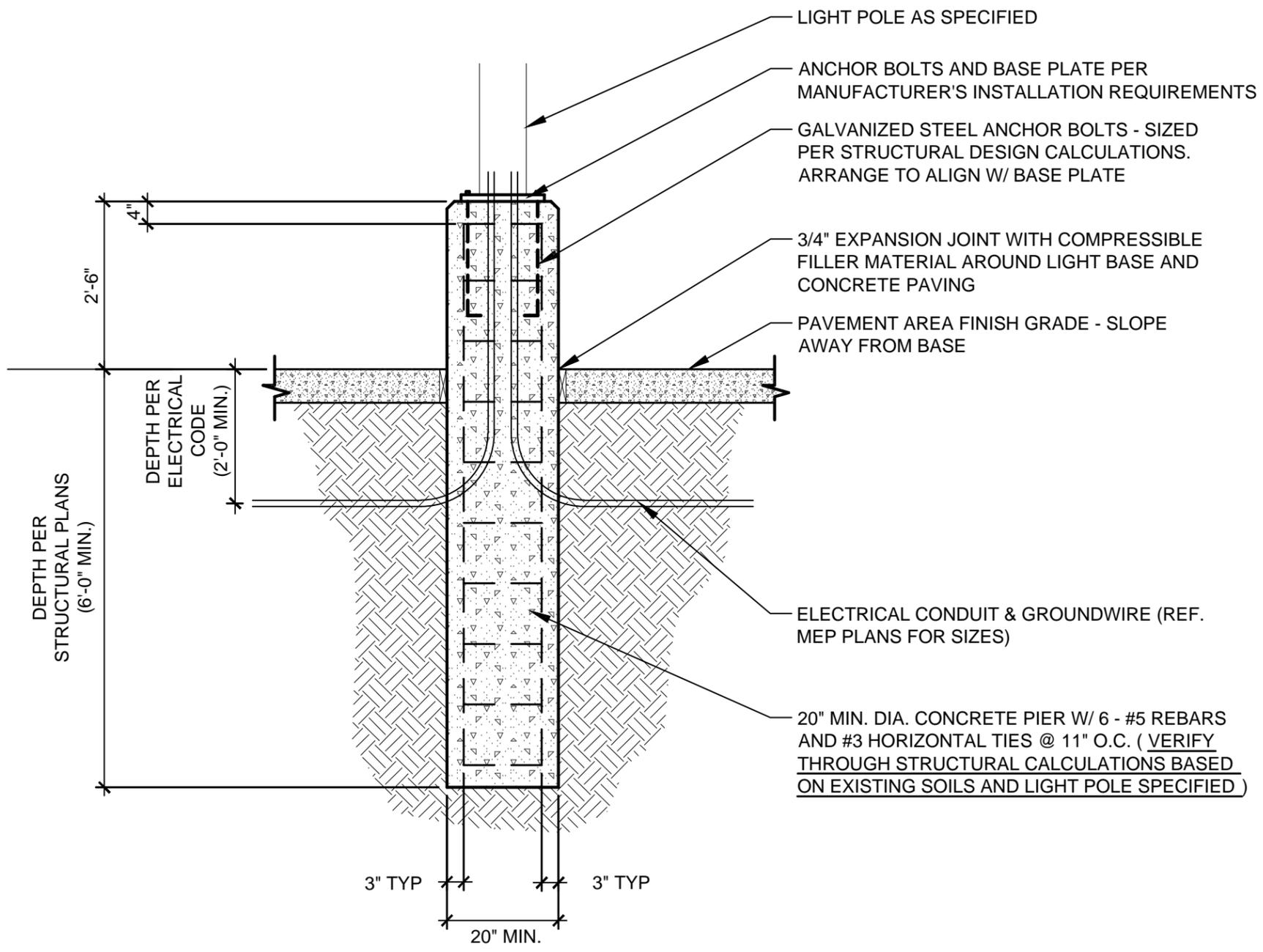
GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, ALL POSTS AND RAILS TO BE SCHEDULE 40 GALVANIZED.
2. UNLESS NOTED OTHERWISE, ALL FABRIC TO BE GALVANIZED.
3. UNLESS NOTED OTHERWISE, ALL FASTENERS AND CHAIN LINK FENCE ACCESSORY ITEMS TO BE GALVANIZED.
4. CHAIN LINK FABRIC ON BOTTOM TWO PANELS OF ENTIRE BACKSTOP SHALL BE 6 GAUGE
5. NO ALUMINUM TIES SHALL BE PERMITTED.

SCALE : 1/4" = 1'-0"

D BACKSTOP LAYOUT
13

STRUCTURAL NOTE:
 THIS DRAWING IS NOT INTENDED AS A FOUNDATION DESIGN. IT IS PRESENTED AS A REFERENCE FOR MINIMUM DIMENSIONS AND GENERAL STEEL REINFORCEMENT PARAMETERS. DESIGN OF FOUNDATION TO BE PERFORMED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.



D AREA LIGHT STANDARD BASE - PAVED AREA
 14

SCALE: 1/2" = 1'-0"

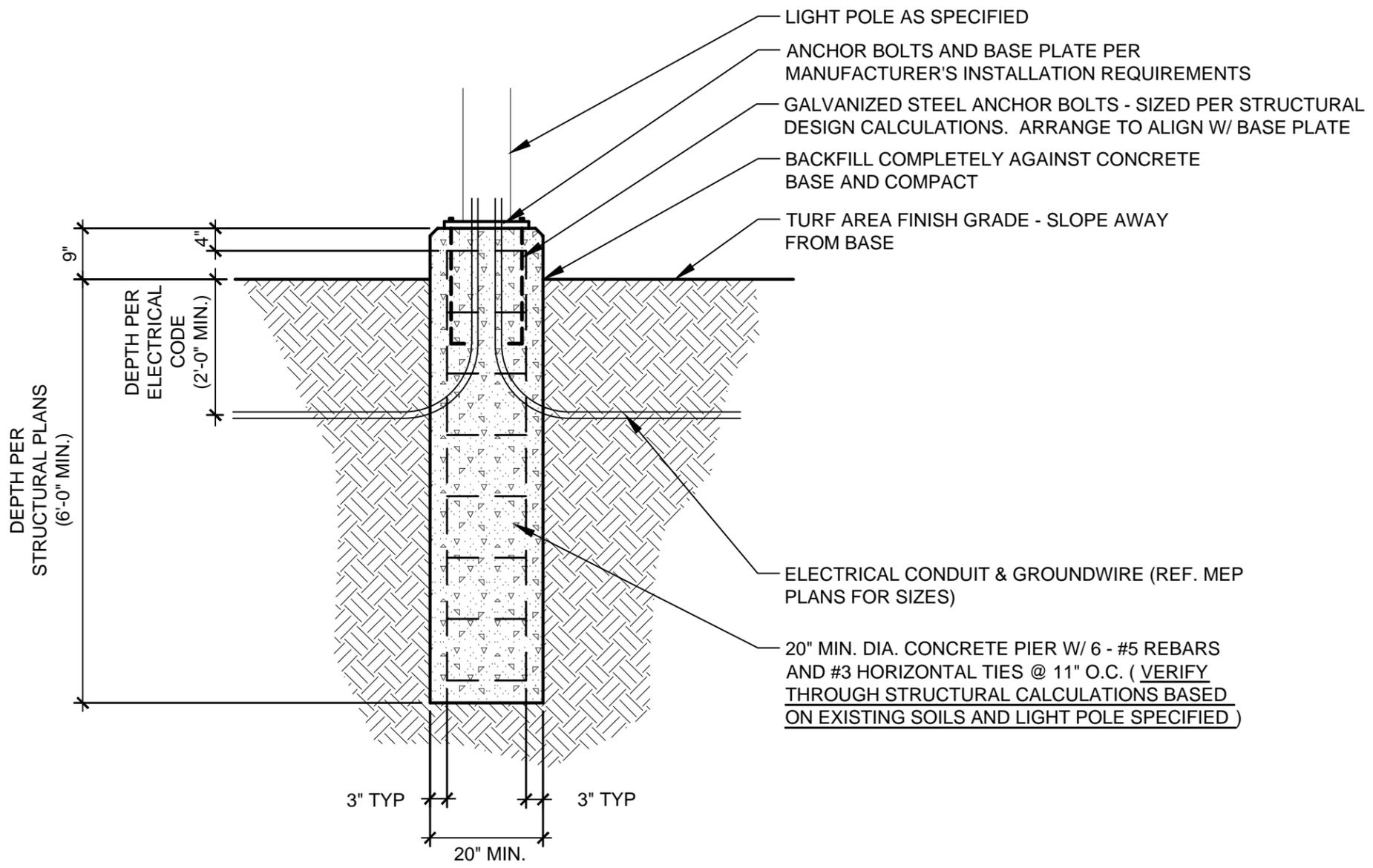
Standard Construction Details
 for
 City of Dallas
 Park and Recreation Department

Typical Construction Details
 ATHLETIC FIELD
 DETAILS
 AREA LIGHT
 STANDARD BASE
 PAVED AREA

issue date	_____
revisions	_____

DETAIL D-14

STRUCTURAL NOTE:
 THIS DRAWING IS NOT INTENDED AS A FOUNDATION DESIGN. IT IS PRESENTED AS A REFERENCE FOR MINIMUM DIMENSIONS AND GENERAL STEEL REINFORCEMENT PARAMETERS. DESIGN OF FOUNDATION TO BE PERFORMED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF TEXAS.



D
15

AREA LIGHT STANDARD BASE SECTION - TURF AREA

SCALE: 1/2" = 1'-0"

Standard Construction Details
 for
 City of Dallas
 Park and Recreation Department

Typical Construction Details
 ATHLETIC FIELD
 DETAILS

AREA LIGHT
 STANDARD BASE
 TURF AREA

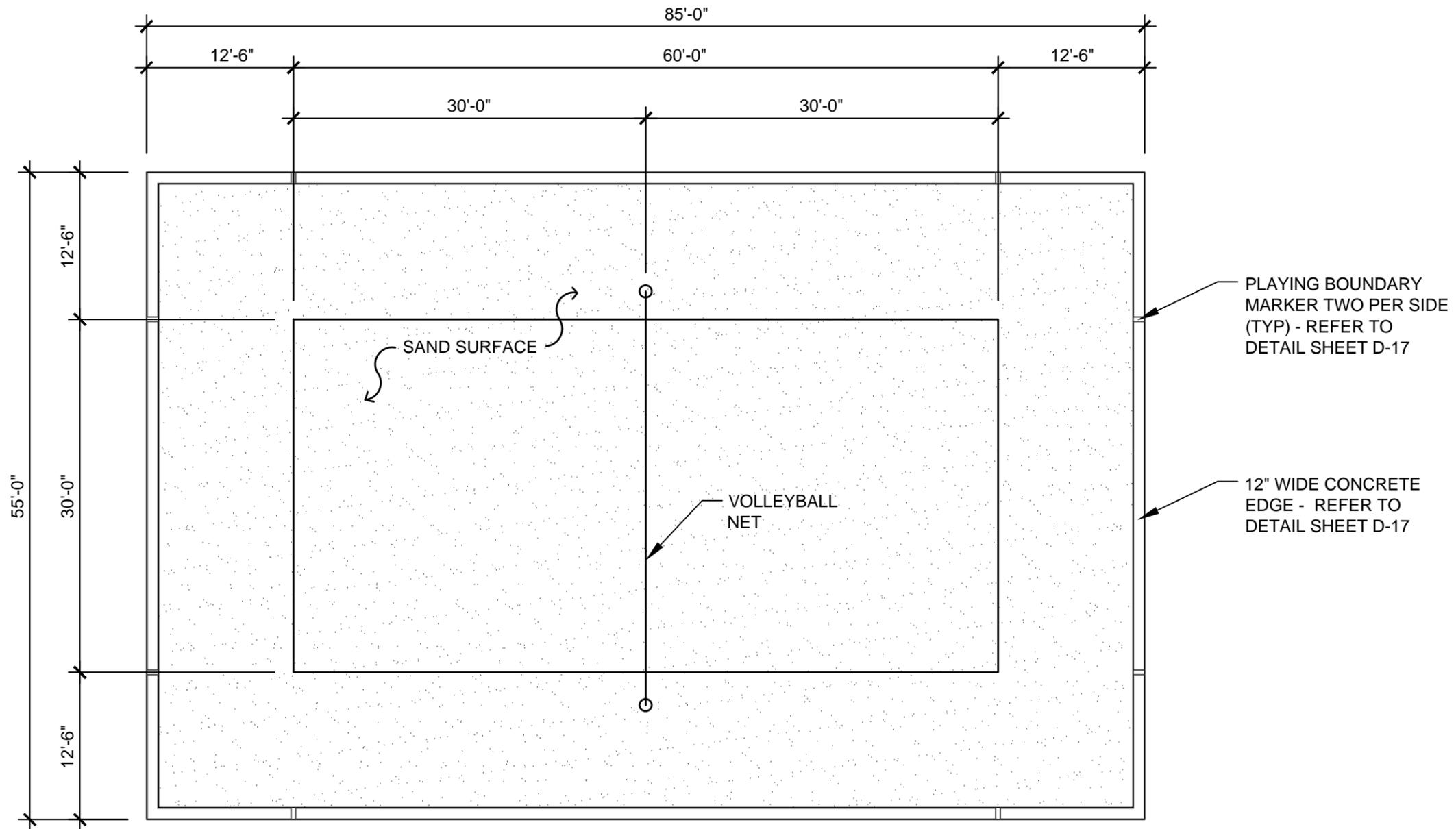
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revisions	_____

DETAIL D-15



scale:
dsnd:
drawn:
approved:

NOTE:
ALL DIMENSIONS ARE TO OUTER
PERIMETER EDGE OF CONCRETE.



PLAYING BOUNDARY
MARKER TWO PER SIDE
(TYP) - REFER TO
DETAIL SHEET D-17

12" WIDE CONCRETE
EDGE - REFER TO
DETAIL SHEET D-17

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
ATHLETIC FIELD
DETAILS

SAND
VOLLEYBALL
COURT LAYOUT
PLAN

issue date

revisions

D
16

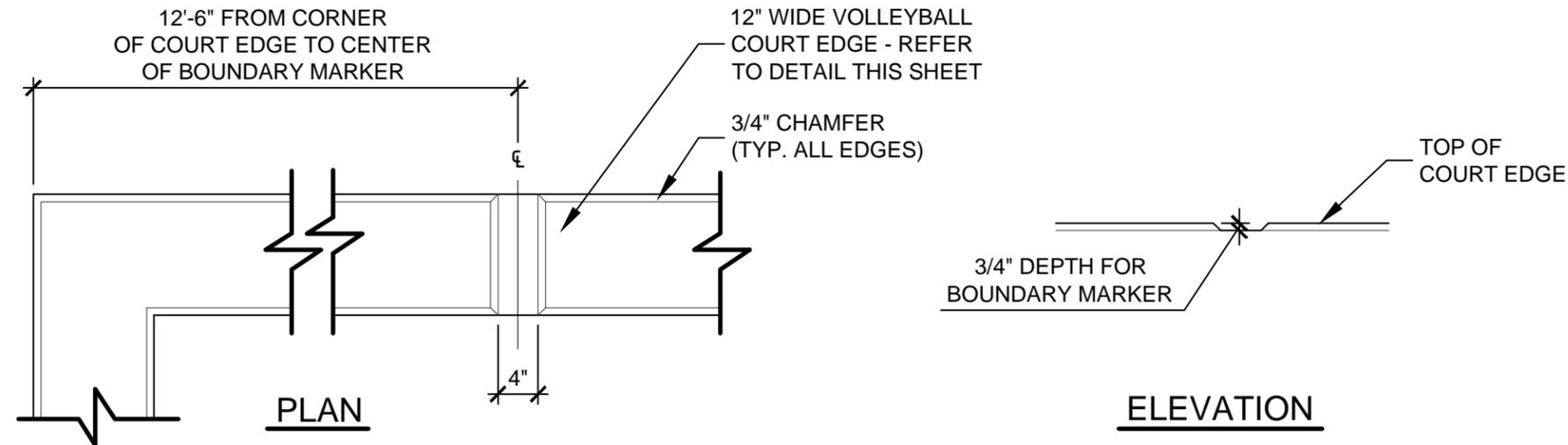
SAND VOLLEYBALL COURT LAYOUT PLAN

SCALE: 3/32" = 1'-0"

DETAIL D-16

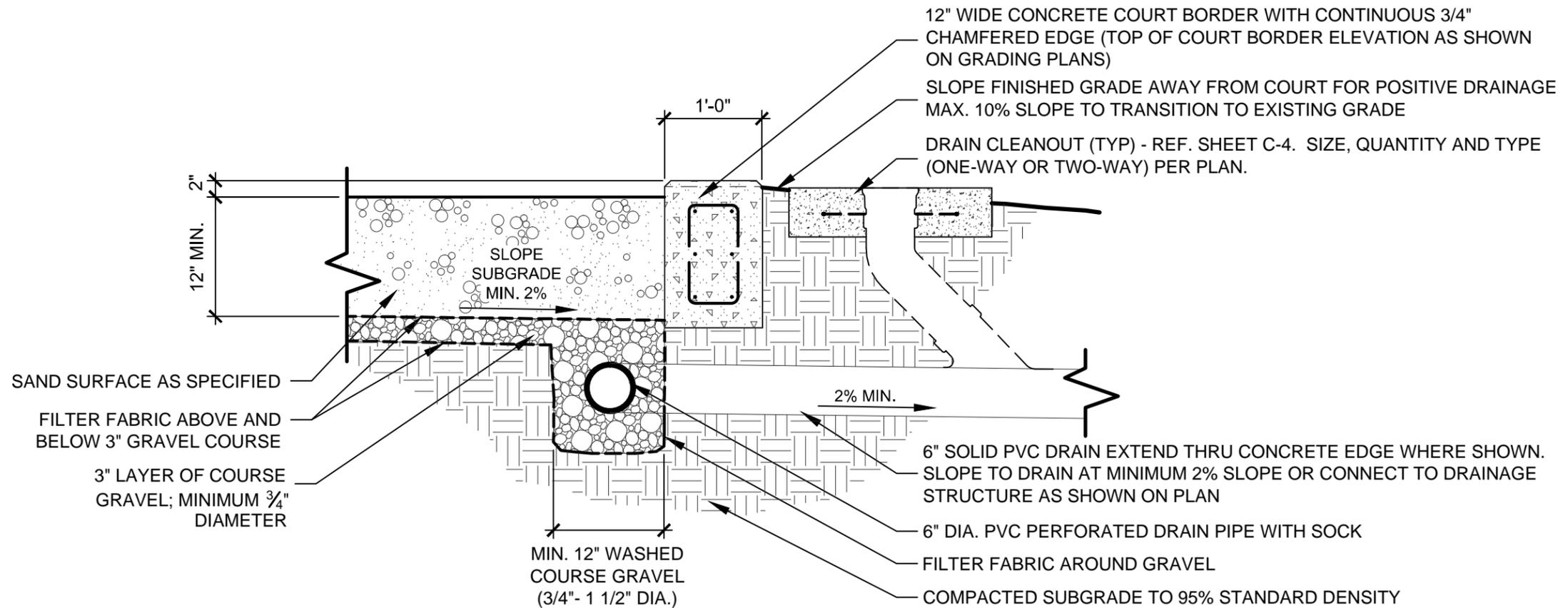


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approved:



PLAYING BOUNDARY MARKER DETAIL

SCALE: 3/4" = 1'-0"



VOLLEYBALL COURT EDGE DETAIL - SECTION

SCALE: 3/4" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

ATHLETIC FIELD
DETAILS

SAND
VOLLEYBALL
COURT
DETAILS

issue date

revisions

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17

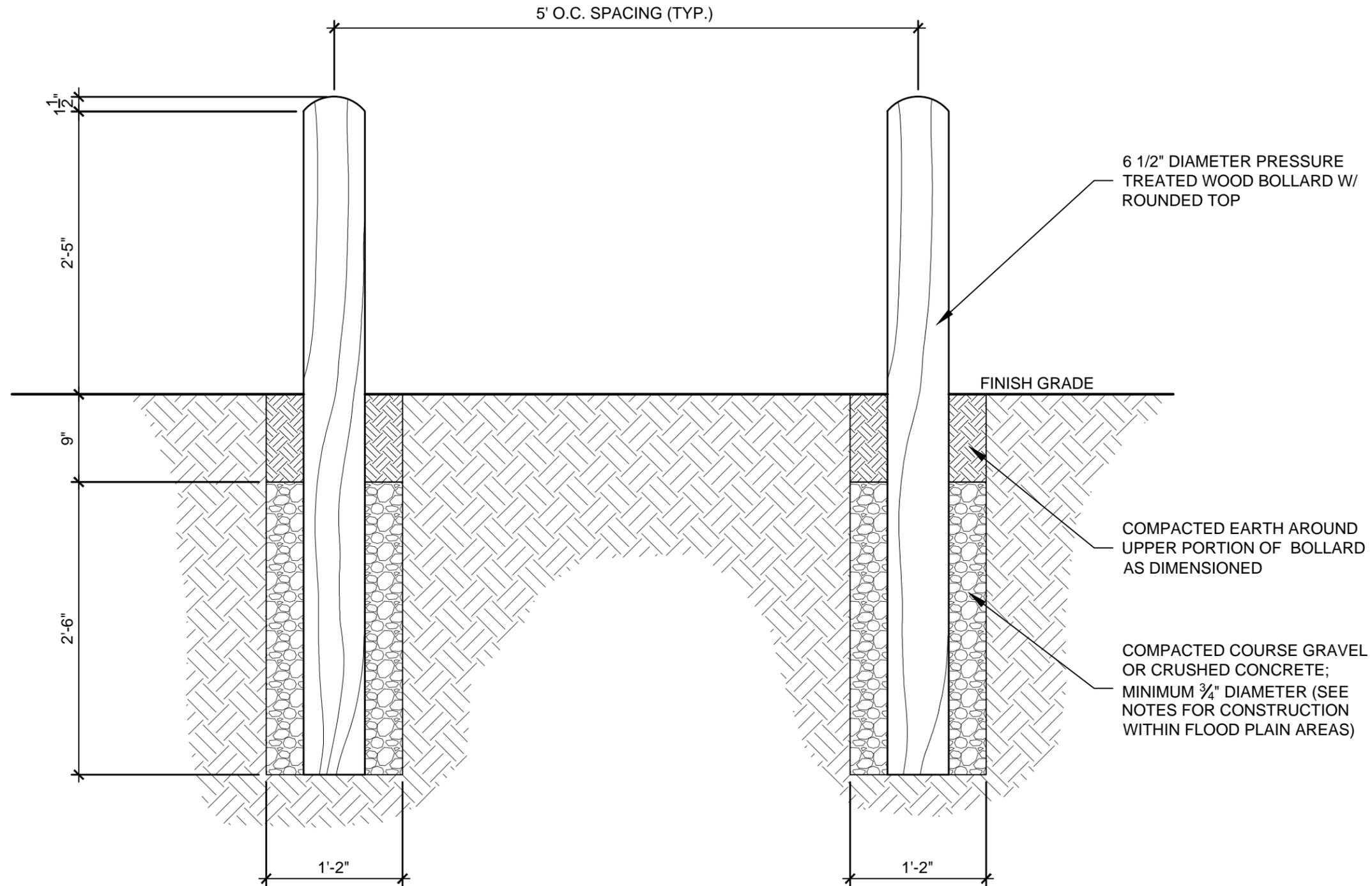
SAND VOLLEYBALL COURT DETAILS

SCALE AS NOTED

DETAIL D-17



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. IN FLOOD PLAIN AREAS OR AREAS PRONE TO FLOODING, BOLLARDS TO BE SET IN 3000 PSI CONCRETE IN LIEU OF THE COMPACTED AGGREGATE MATERIAL SHOWN.
2. ALL BOLLARDS TO BE SET STRAIGHT AND PLUMB.

E
1 WOOD BOLLARD SECTION

SCALE: 1" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

WOOD
BOLLARD
SECTION

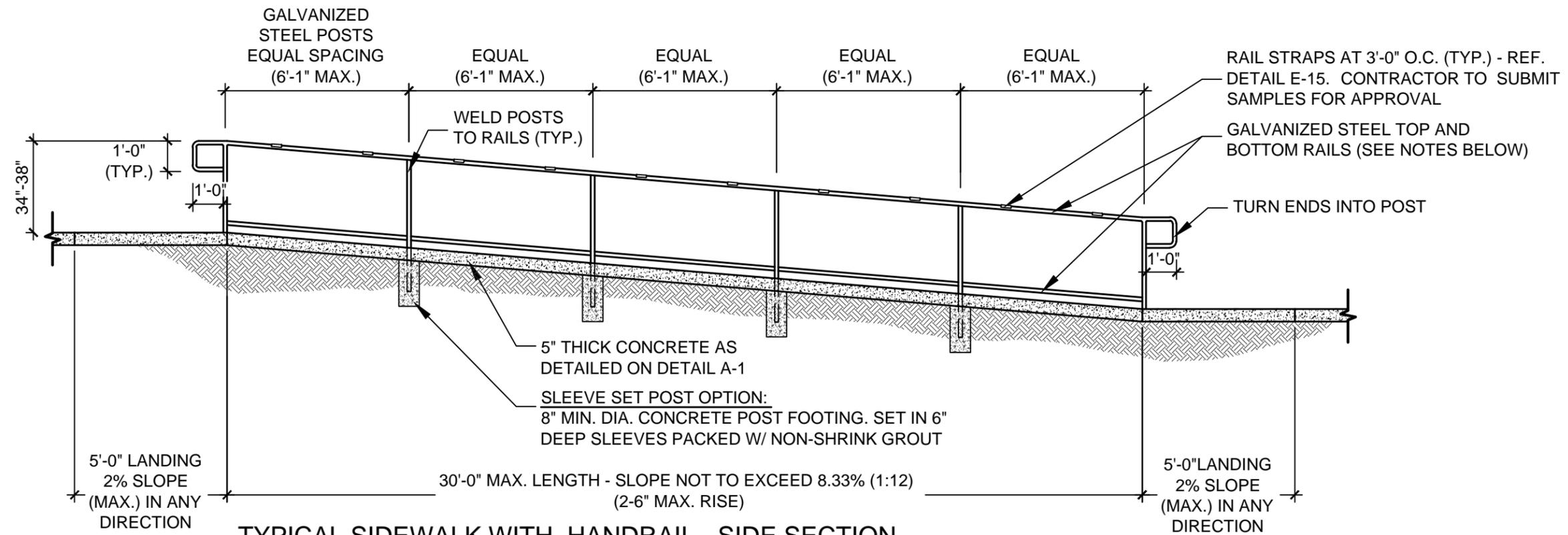
issue date

revisions

DETAIL E-1

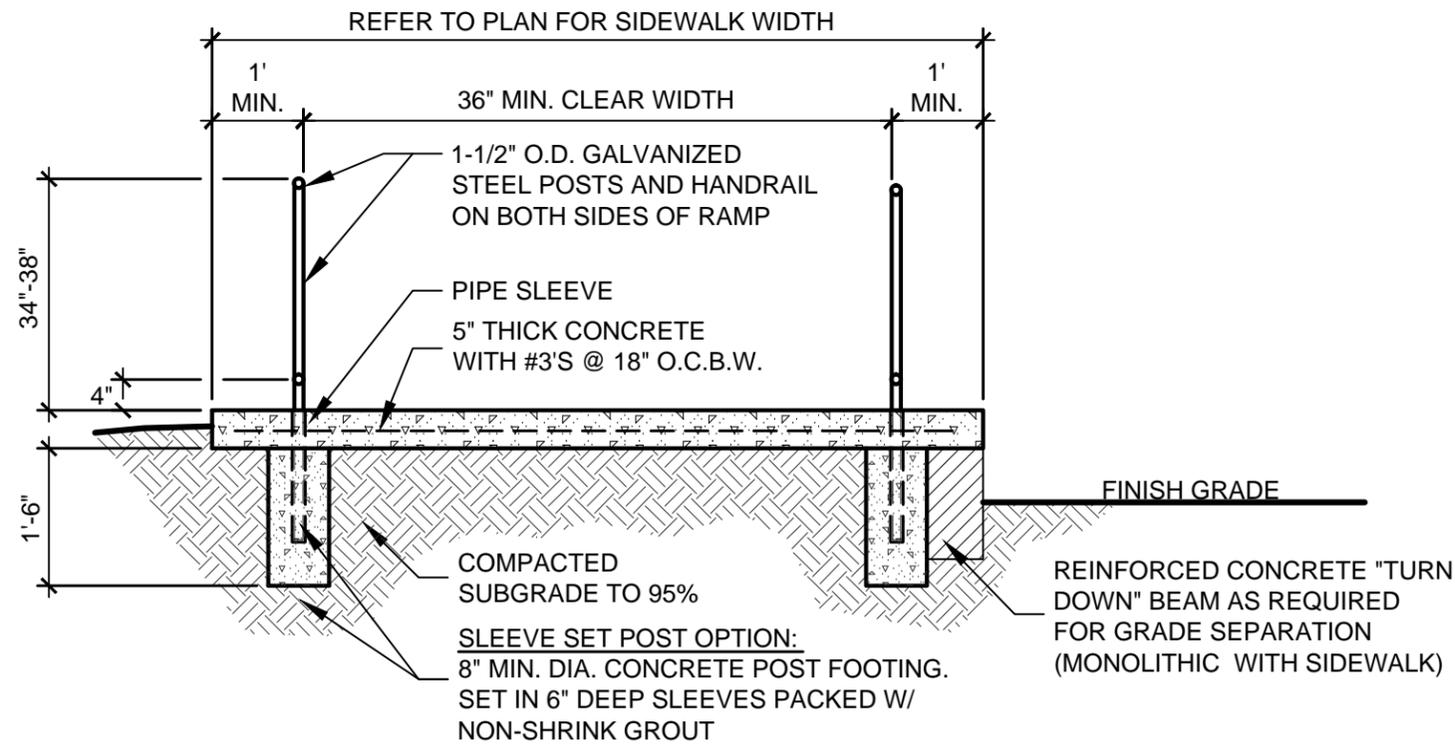


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TYPICAL SIDEWALK WITH HANDRAIL - SIDE SECTION

SCALE: 1/4" = 1'-0"



TYPICAL SIDEWALK WITH HANDRAIL - END SECTION

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. POSTS SHALL BE SET IN POST FOOTERS AS SHOWN OR CORED, SLEEVED OR SET IN POST FOOTERS - REFERENCE TECHNICAL SPECIFICATIONS AND/OR PROJECT SPECIFIC DETAIL FOR MOUNTING.
2. REFER TO PLAN FOR RAMP DIMENSIONS AND SLOPES.
3. UNLESS NOTED OTHERWISE, RAMP FINISH SHALL BE A NON-SLIP HORIZONTAL BROOM FINISH.
4. ALL DIMENSIONS AND MATERIALS FOR RAMP AND HANDRAILS SHALL COMPLY WITH SECTIONS 405, 504 AND 505 OF THE TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
5. UNLESS OTHERWISE SPECIFIED, ALL RAMP POSTS, HANDRAILS, RAILINGS AND RETURNS SHALL BE SCHEDULE. 40 GALVANIZED STEEL.

E SIDEWALK RAMP WITH HANDRAILS SECTION
2 (SHOWN WITH 'SLEEVE SET' POST OPTION)

SCALE AS SHOWN

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL & FENCING DETAILS

SIDEWALK RAMP WITH HANDRAILS SECTION

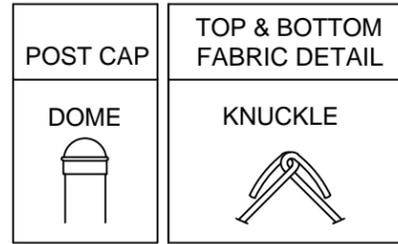
issue date

revisions

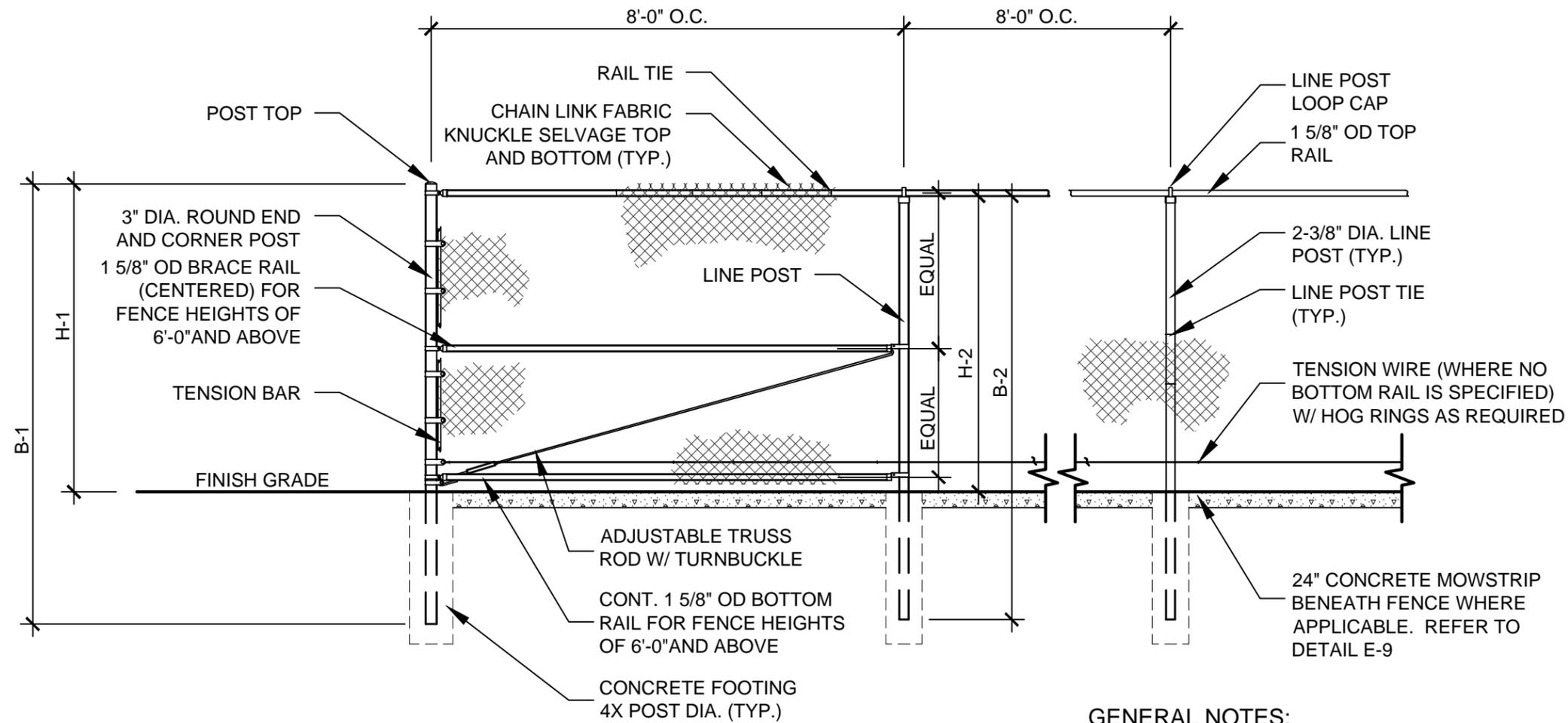
DETAIL E-2



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dsnd:
drawn:
approved:



FENCE HEIGHT	END & CORNER POSTS		LINE POSTS	
NOMINAL HEIGHT	B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH	H-2 HEIGHT ABOVE GRADE
4'-0"	7'-0"	4'-0 5/8"	6'-8"	3'-8 7/8"
6'-0"	9'-0"	6'-0 5/8"	8'-8"	5'-8 7/8"
8'-0"	11'-0"	8'-0 5/8"	10'-8"	7'-8 7/8"
10'-0"	13'-0"	10'-0 5/8"	12'-8"	9'-8 7/8"
12'-0"	15'-0"	12'-0 5/8"	14'-8"	11'-8 7/8"



GENERAL NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.
2. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
3. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153.
4. ALL FENCE COMPONENTS TO BE VINYL COATED.
5. VINYL COATING COLOR TO BE BLACK.
6. NO ALUMINUM TIES SHALL BE PERMITTED.
7. POST AND RAIL SIZES MAY REQUIRE MODIFICATION TO MEET SPECIFIC PROJECT REQUIREMENTS.

E CHAIN LINK FENCE DETAIL
3

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

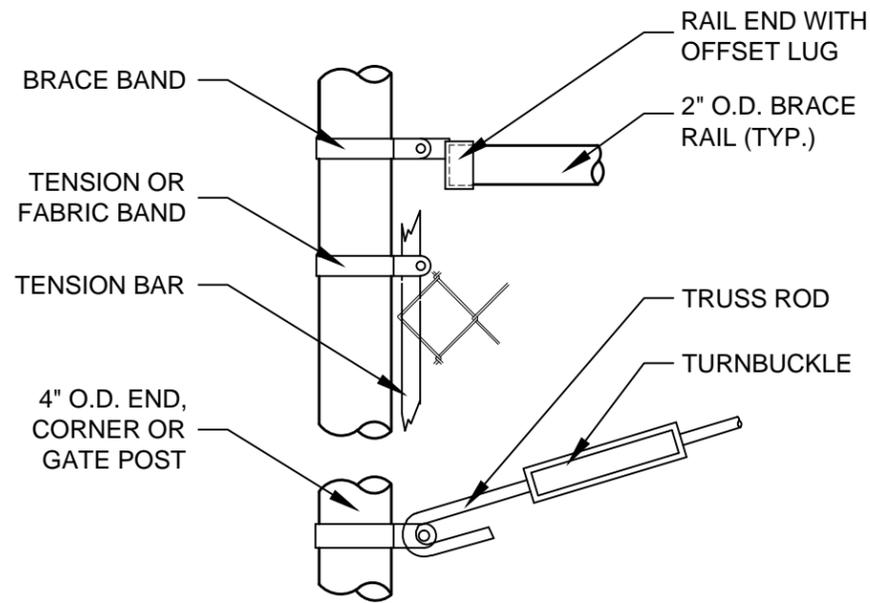
Typical Construction Details
HANDRAIL & FENCING DETAILS

CHAINLINK FENCE DETAIL

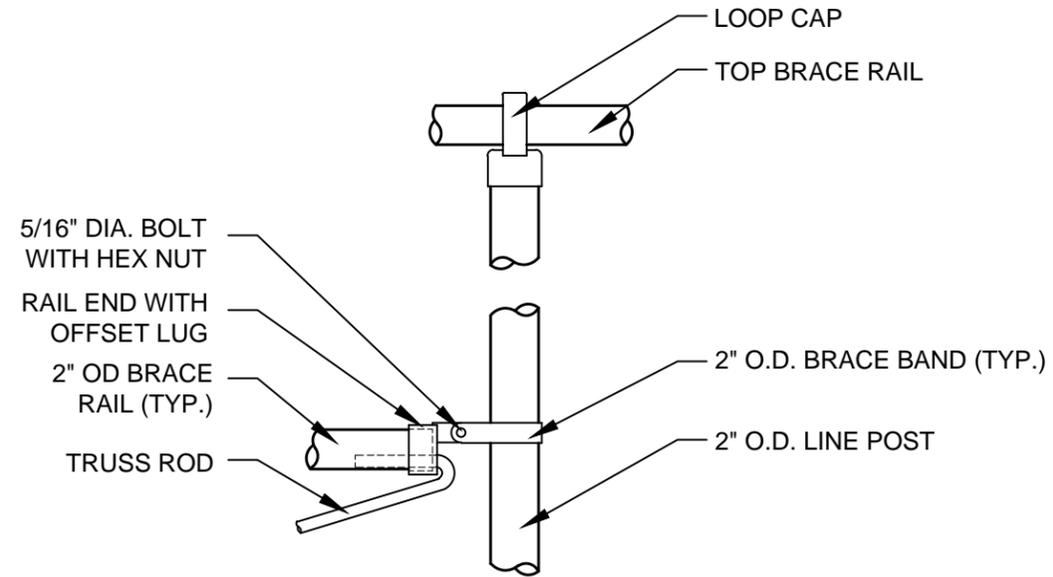
issue date

revisions

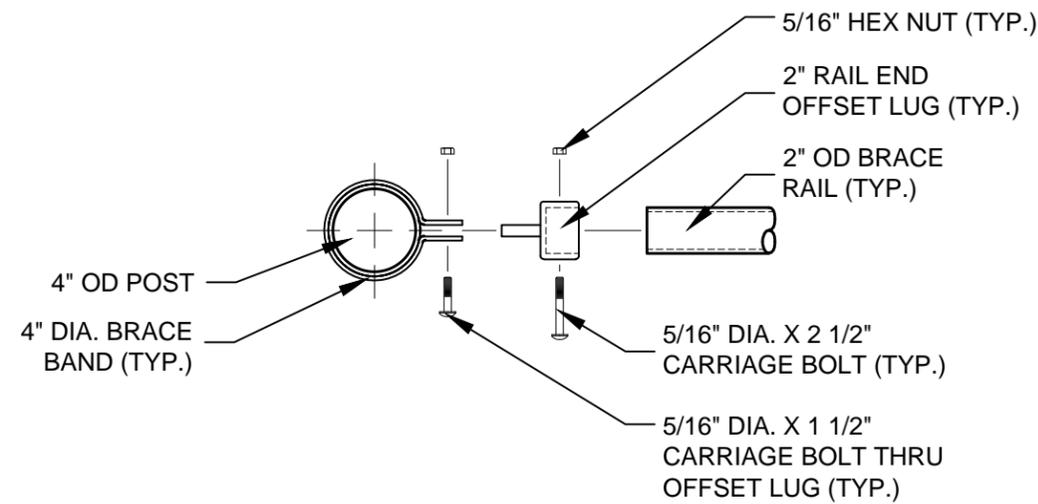
DETAIL E-3



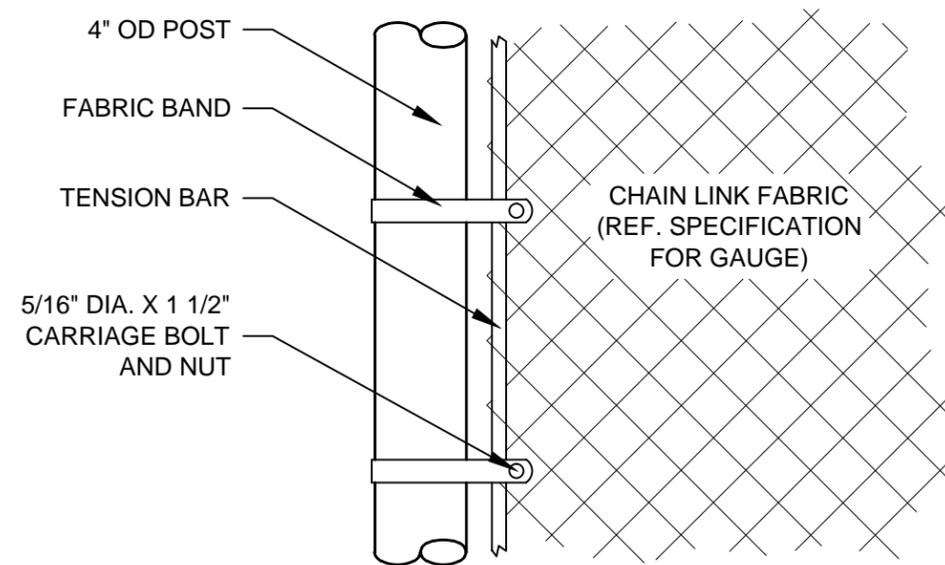
END, CORNER, OR GATE POST ELEVATION



LINE POST ELEVATION



BRACE RAIL CONNECTION AT 4\"/>



FABRIC CONNECTION

GENERAL NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.
2. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
3. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153.
4. ALL FENCE COMPONENTS TO BE VINYL COATED.
5. VINYL COATING COLOR TO BE BLACK.
6. NO ALUMINUM FENCE TIES SHALL BE PERMITTED.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

TYPICAL
CHAINLINK
FENCE
DETAILS

issue date

revisions

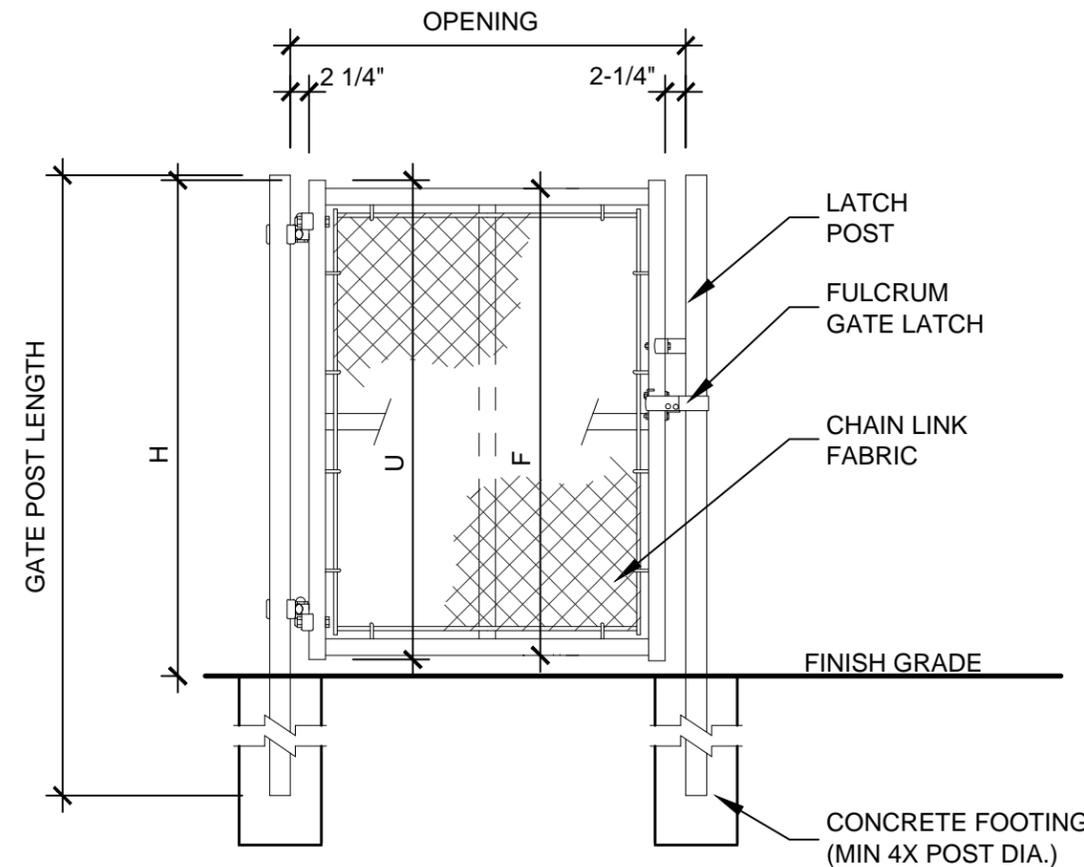


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drawn:
approved:



PLAN

SINGLE LEAF GATES		
OPENING	GATE POSTS	HINGE SPACE (S)
FACE TO FACE	SQ & RND SIZES	POST TO UPRIGHT
3'-0" THROUGH 6'-0"	2 1/2" SQ OR 2.875" OD	FOR SQUARE & ROUND GATE POSTS: 2 1/4"



SINGLE GATE ELEVATION

NOM. HEIGHT H	ACTUAL DIM U	FRAME HEIGHT F
4'-0"	3'-10"	3'-8 1/2"
6'-0"	5'-10"	5'-8 1/2"
8'-0"	7'-10"	7'-8 1/2"

GENERAL NOTES:

1. FOOTING WIDTH TO BE (4)X POST WIDTH.
2. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
3. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153.
4. ALL FENCE COMPONENTS TO BE VINYL COATED.
5. VINYL COATING COLOR TO BE BLACK.
6. NO ALUMINUM TIES SHALL BE PERMITTED.
7. POST AND FRAME SIZES MAY REQUIRE MODIFICATION TO MEET SPECIFIC PROJECT REQUIREMENTS.

E CHAIN LINK GATE DETAIL
5

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

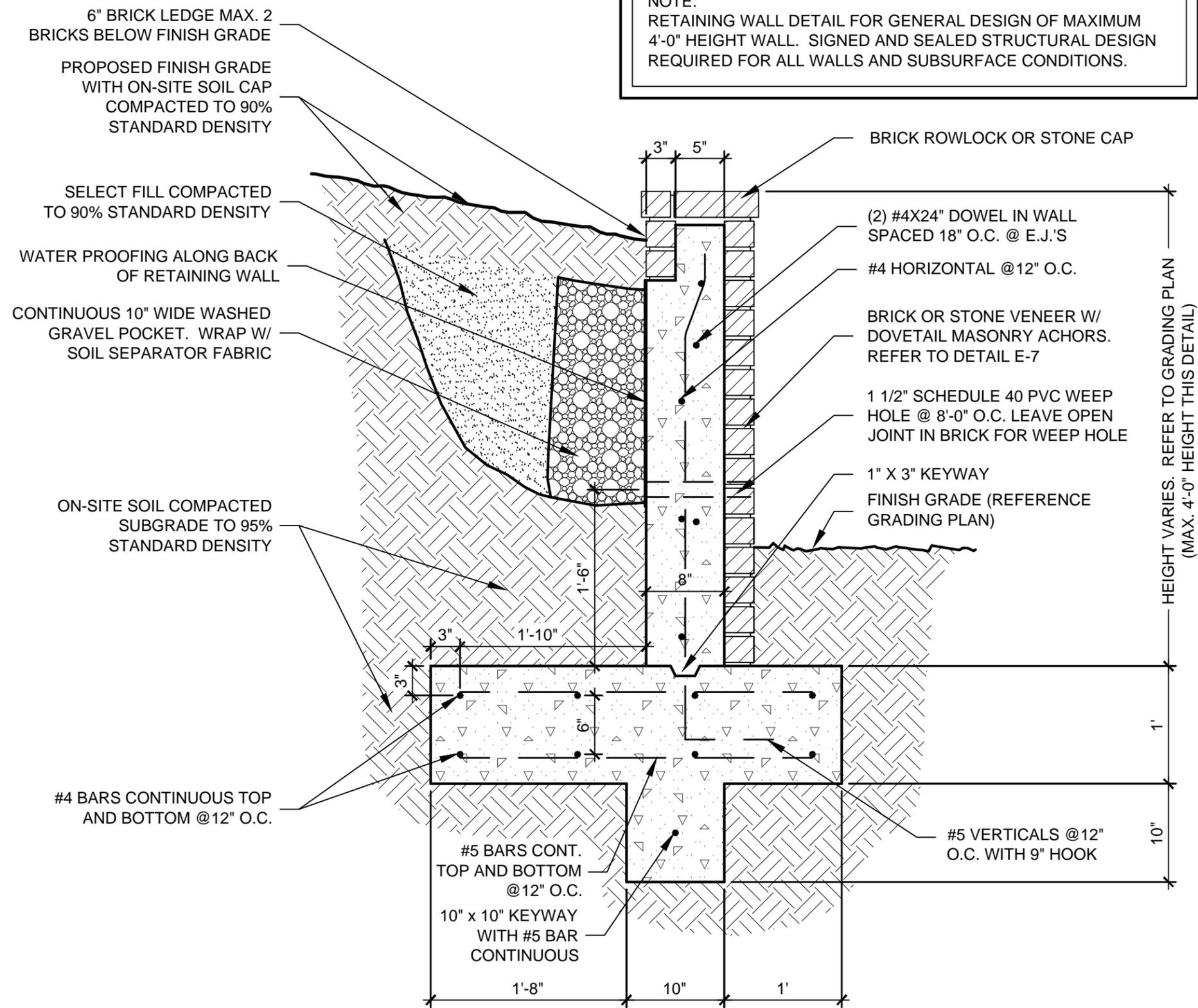
CHAIN LINK
GATE DETAIL

issue date

revisions

DETAIL E-5

NOTE:
RETAINING WALL DETAIL FOR GENERAL DESIGN OF MAXIMUM
4'-0" HEIGHT WALL. SIGNED AND SEALED STRUCTURAL DESIGN
REQUIRED FOR ALL WALLS AND SUBSURFACE CONDITIONS.



GENERAL NOTES:

1. PROVIDE EXPANSION JOINTS AT A MAXIMUM SPACING OF EVERY 80 LF. NO EXPANSION JOINTS WITHIN 5.0' OF CORNERS.

E
6

VENEERED CAST-IN-PLACE CONCRETE RETAINING WALL DETAIL

SCALE: 1"= 1'-0"

Standard Construction Details
for
City of Dallas
Park and Recreation Department

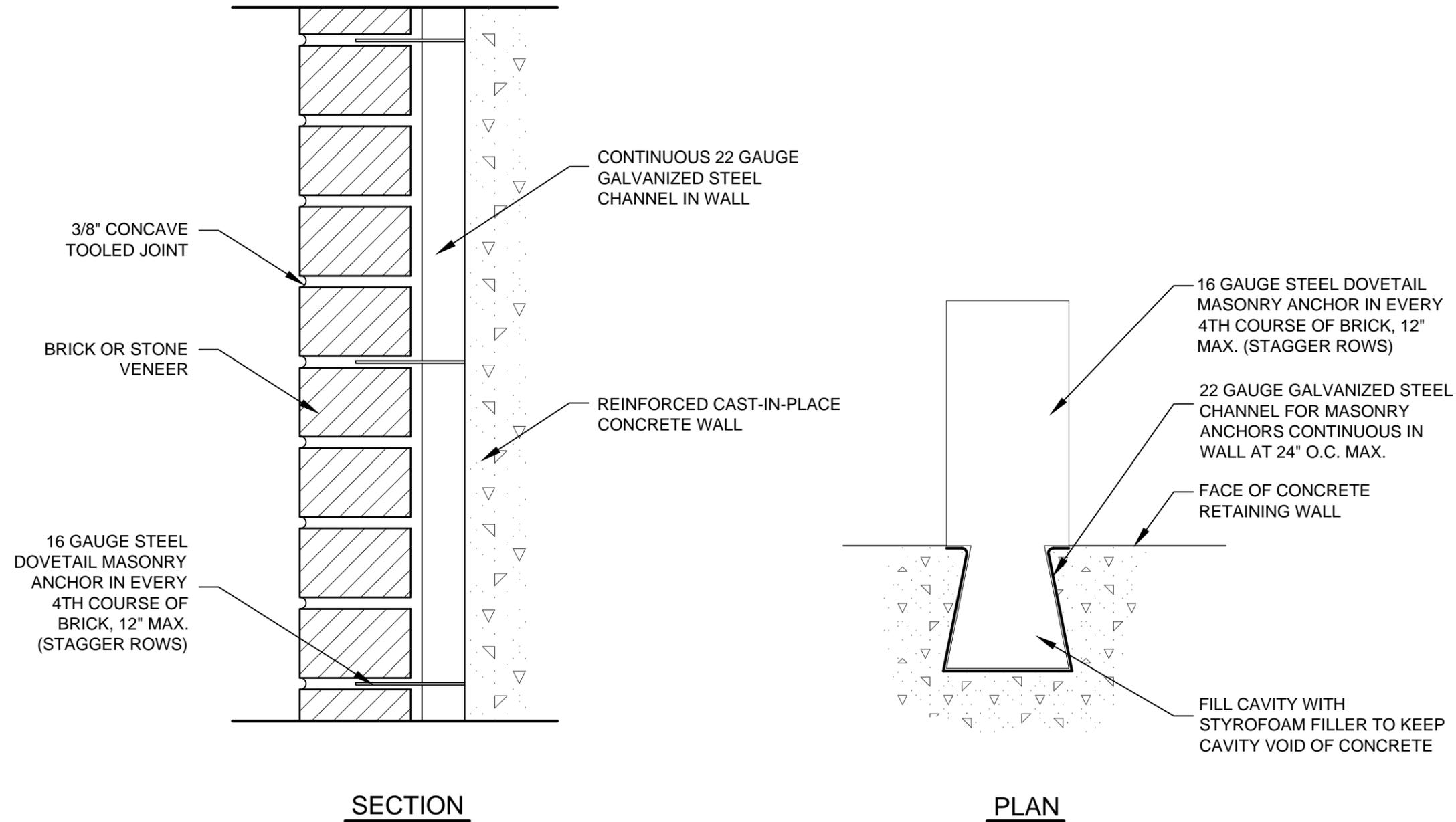
Typical Construction Details
HANDRAIL & FENCING DETAILS
RETAINING WALL DETAIL

issue date	_____
revisions	_____

DETAIL E-6



scale:
dsnd:
drawn:
approved:



E
7 DOVETAIL MASONRY ANCHOR DETAIL

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

DOVE TAIL
MASONRY
ANCHOR
DETAIL

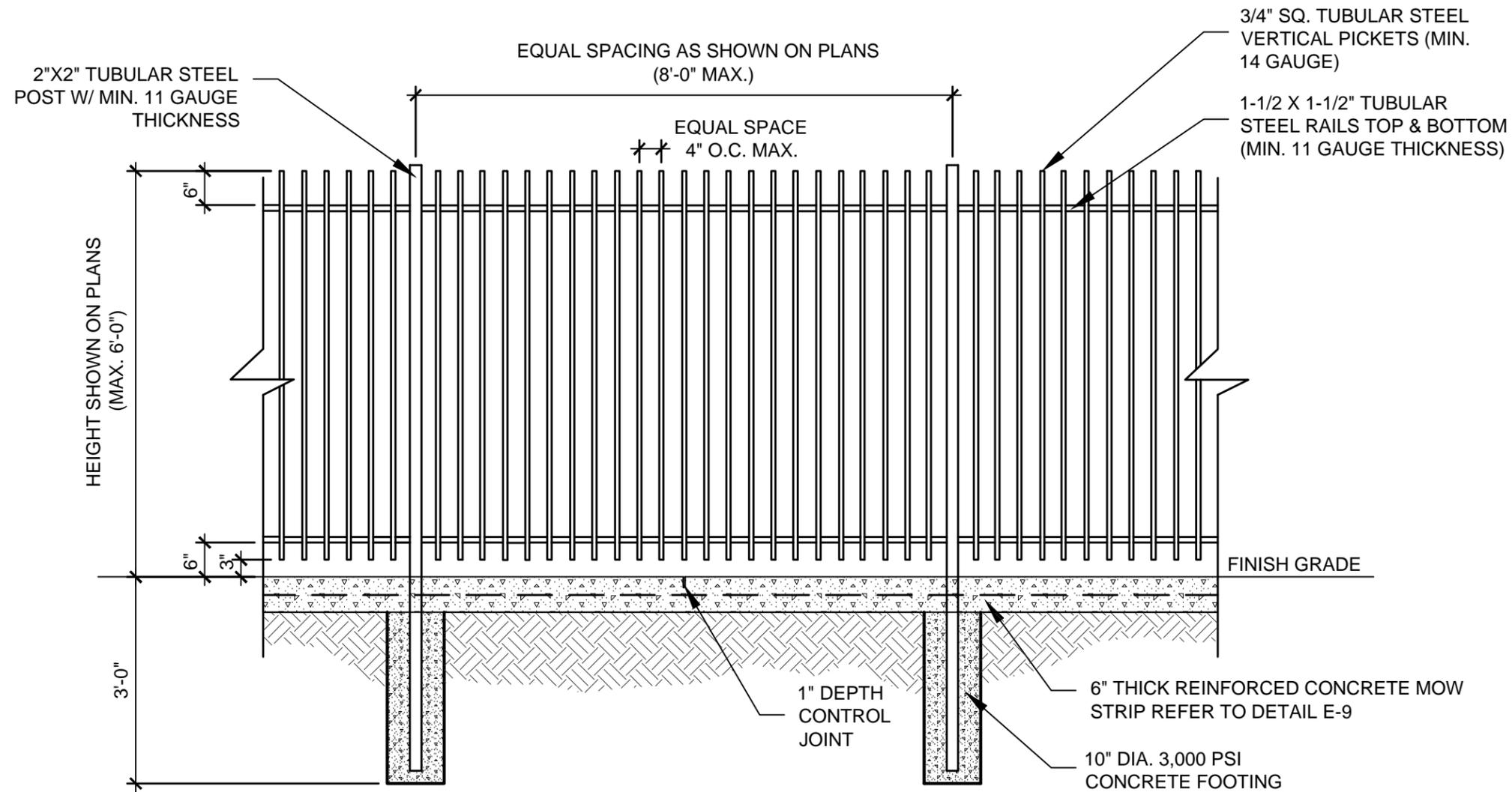
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DETAIL E-7



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dsnd:
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GENERAL NOTES:

1. ALL CONCRETE USED IN MOW STRIP SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3600 PSI @ 28 DAYS.
2. 1" DEPTH CONTROL JOINTS SHALL BE INSTALLED PERPENDICULARLY AT BETWEEN POSTS UNLESS NOTED OTHERWISE ALONG ENTIRE LENGTH OF MOW STRIP.
3. ALL TUBULAR STEEL POSTS, RAILS AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
4. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. GRIND SMOOTH ALL WELDS.
5. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF RUST-PROOF PAINT, COLOR TO BE FLAT BLACK OR AS SPECIFIED ON PLANS. CONTRACTOR TO SUBMIT SAMPLES AS REQUIRED.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE.
7. ALL TUBULAR STEEL FENCE MEMBERS ARE TO BE IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE STRENGTH, 60,000 PSI YIELD STRENGTH.
8. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE COMPONENTS AND GATES. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS. CONTRACTOR TO BE RESPONSIBLE FOR STRUCTURAL DESIGN OF GATES.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

**TUBULAR
STEEL
FENCE DETAIL**

issue date

revisions

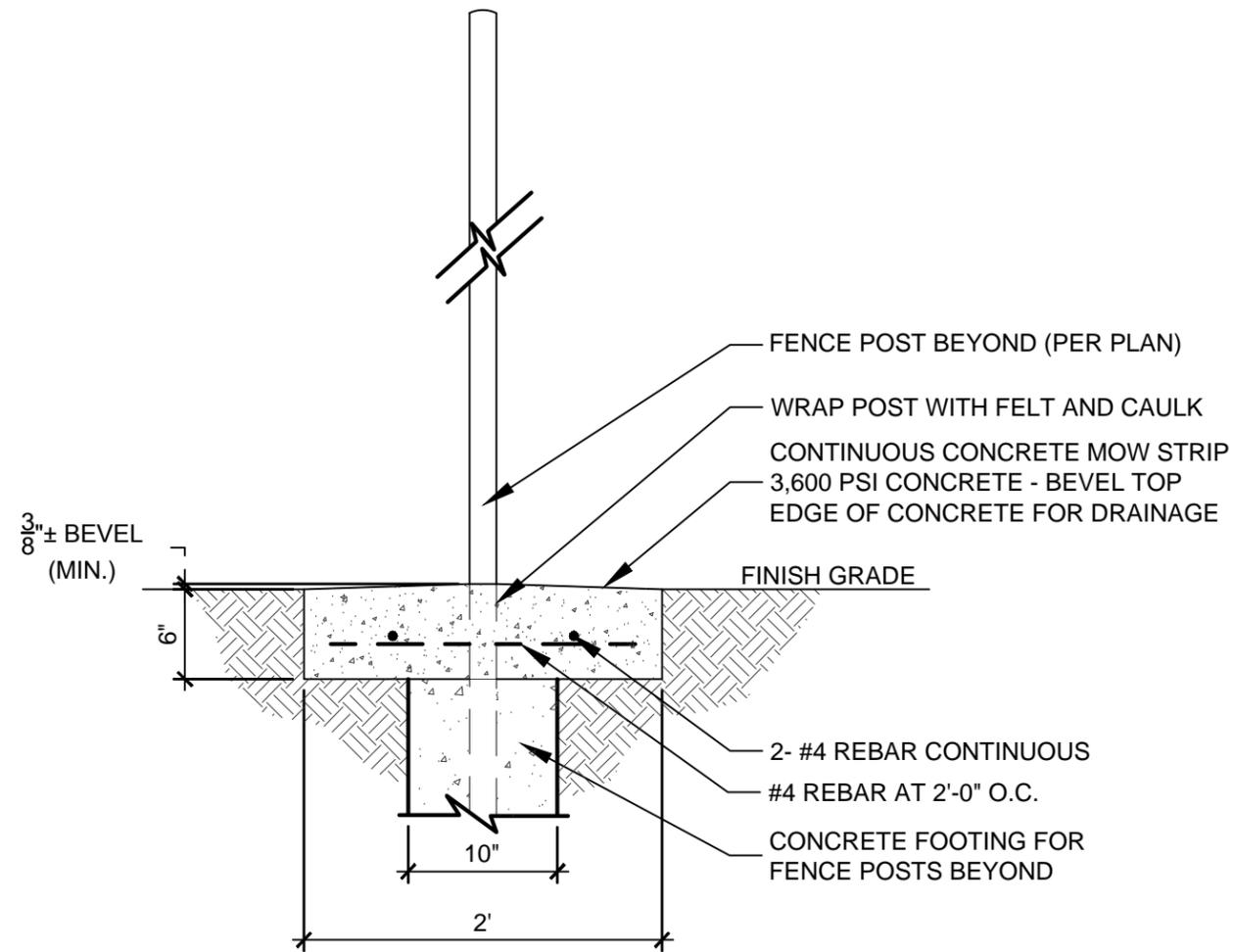
E
8 TUBULAR STEEL FENCE DETAILS

SCALE: 1/2" = 1'-0"

DETAIL E-8



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dsnd:
drawn:
approved:



GENERAL NOTES:

1. ALL CONCRETE USED IN FOOTING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
2. ALL TUBULAR STEEL POSTS SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
3. 1" DEPTH CONTROL JOINTS SHALL BE INSTALLED PERPENDICULARLY AT BETWEEN POSTS UNLESS NOTED OTHERWISE ALONG ENTIRE LENGTH OF MOW STRIP.

E
9 CONCRETE MOW STRIP DETAIL

SCALE : 1" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

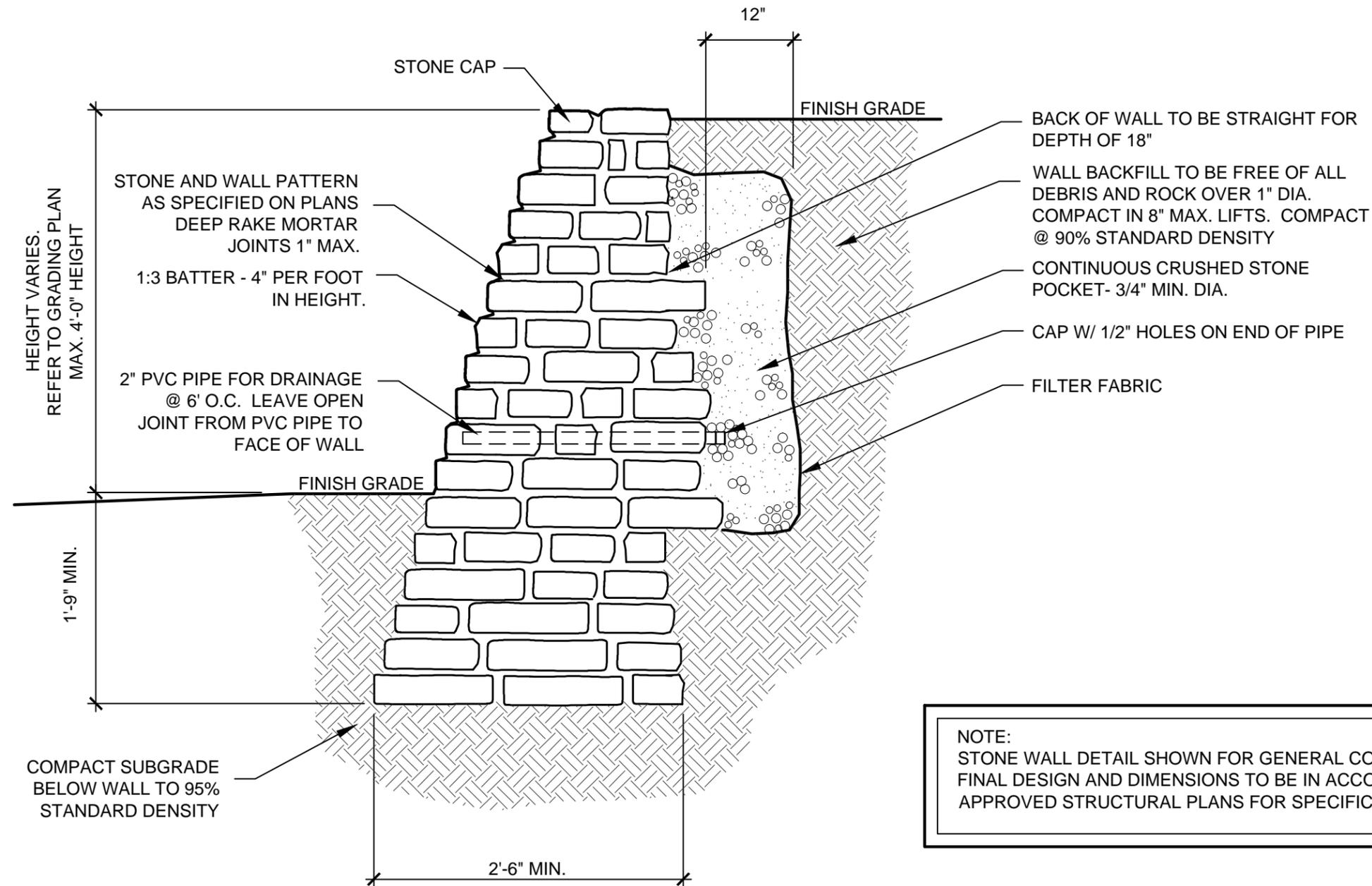
Typical Construction Details
HANDRAIL &
FENCING DETAILS

CONCRETE
MOW STRIP
DETAIL

issue date

revisions

DETAIL E-9



NOTE:
STONE WALL DETAIL SHOWN FOR GENERAL CONDITIONS ONLY.
FINAL DESIGN AND DIMENSIONS TO BE IN ACCORDANCE WITH
APPROVED STRUCTURAL PLANS FOR SPECIFIC PROJECT.

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
HANDRAIL &
FENCING DETAILS

STONE
RETAINING
WALL DETAIL

issue date	_____
revisions	_____

DETAIL E-10

E STONE RETAINING WALL DETAIL
10

SCALE: 3/4" = 1'-0"



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dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

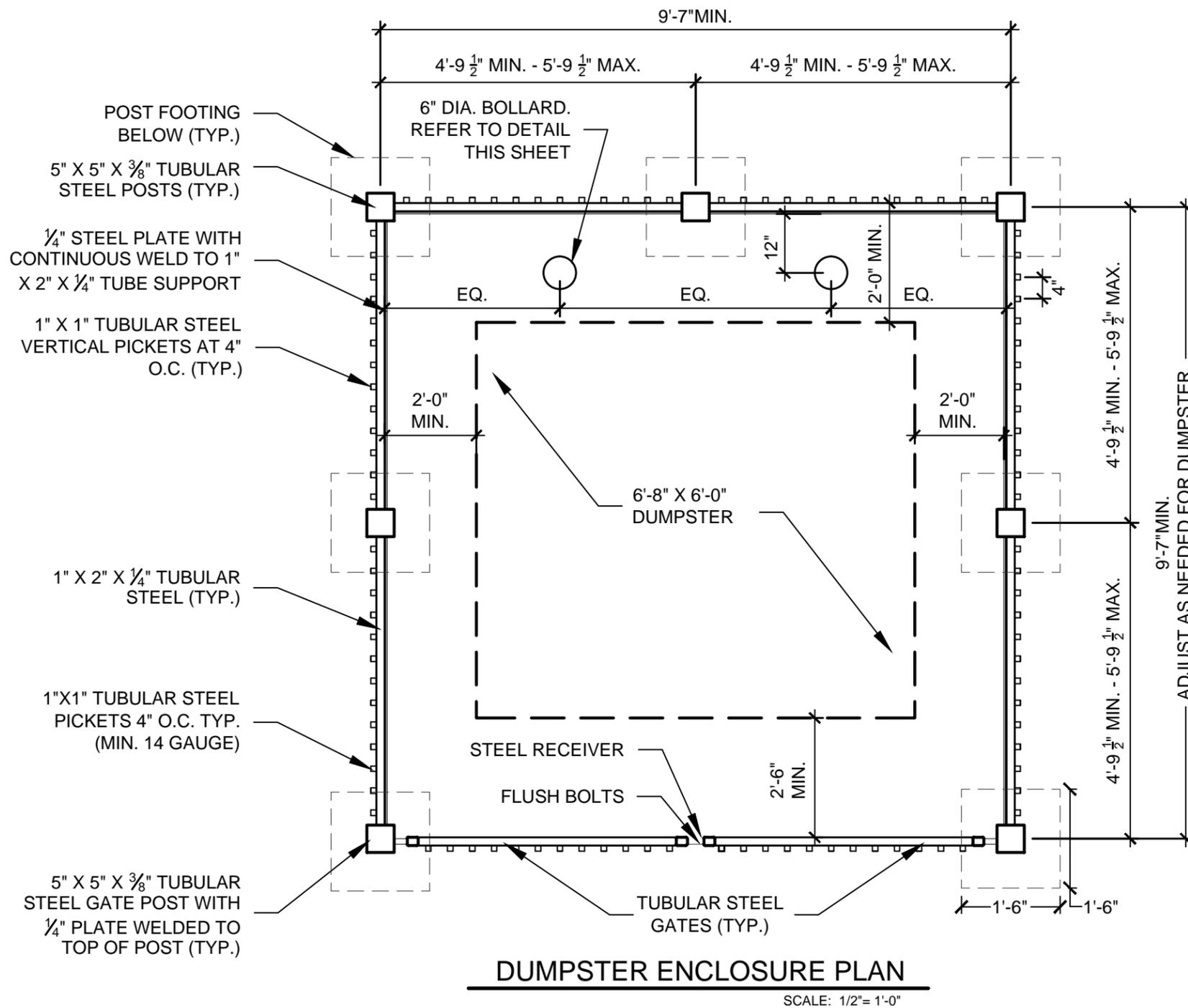
Typical Construction Details
HANDRAIL &
FENCING DETAILS

DUMPSTER
ENCLOSURE
PLAN & BOLLARD
SECTION

issue date

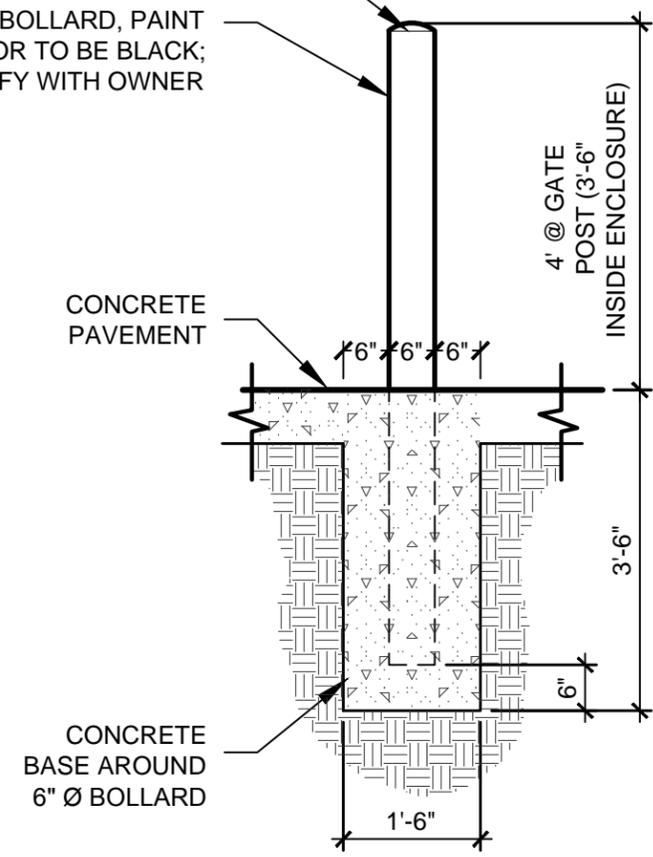
revisions

DETAIL E-11



WELD CAP ONTO
BOLLARD. LEAVE
PIPE EMPTY- NO FILL

6" Ø BOLLARD, PAINT
COLOR TO BE BLACK;
VERIFY WITH OWNER



GENERAL NOTES:

1. ALL TUBULAR STEEL POSTS, RAILS, PICKETS AND SCREENING COMPONENTS ALONG WITH ACCESSORY ITEMS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
2. ALL STEEL COMPONENTS SHALL BE FURNISHED WITH TWO COATS EACH OF COMMERCIAL-GRADE PRIMER AND EXTERIOR PAINT (REFERENCE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION). FINISH COLOR TO BE BLACK UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SAMPLES, TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS.

E DUMPSTER ENCLOSURE PLAN & BOLLARD SECTION

SCALE: AS NOTED



scale:
dsnd:
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approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

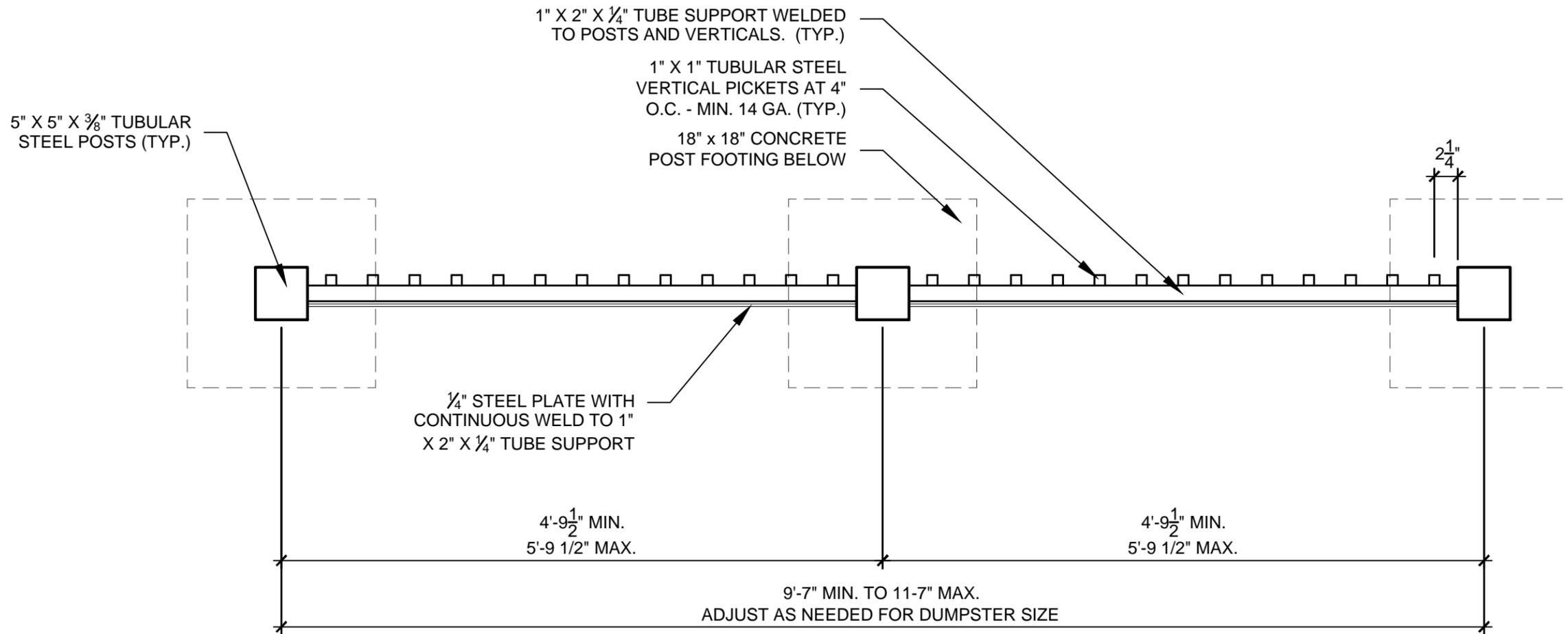
Typical Construction Details
HANDRAIL &
FENCING DETAILS

DUMPSTER
SCREEN
PLAN VIEW

issue date

revisions

DETAIL E-12



GENERAL NOTES:

1. ALL TUBULAR STEEL POSTS, RAILS, PICKETS AND SCREENING COMPONENTS ALONG WITH ACCESSORY ITEMS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
2. ALL STEEL COMPONENTS SHALL BE FURNISHED WITH TWO COATS EACH OF COMMERCIAL-GRADE PRIMER AND EXTERIOR PAINT (REFERENCE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION). FINISH COLOR TO BE BLACK UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SAMPLES, TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS.

E DUMPSTER SCREEN WALL PLAN VIEW
12

SCALE: 1"= 1'-0"



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

HANDRAIL &
FENCING DETAILS

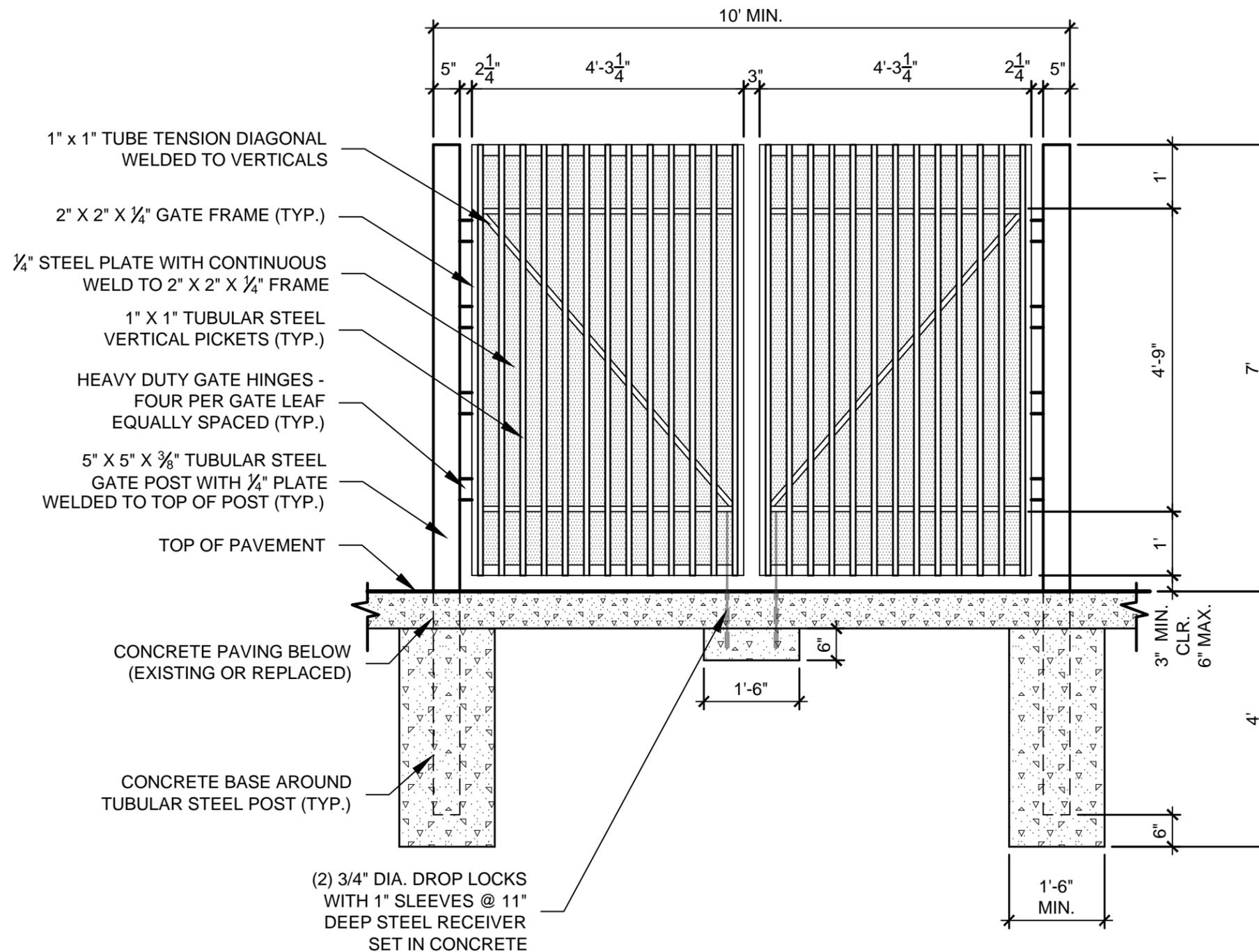
DUMPSTER
ENCLOSURE
GATE
ELEVATION

issue date

revisions

DETAIL E-13

NOTE:
PROVIDE SOLID TOP FOR
VERTICALS AND OPEN BOTTOMS.



GENERAL NOTES:

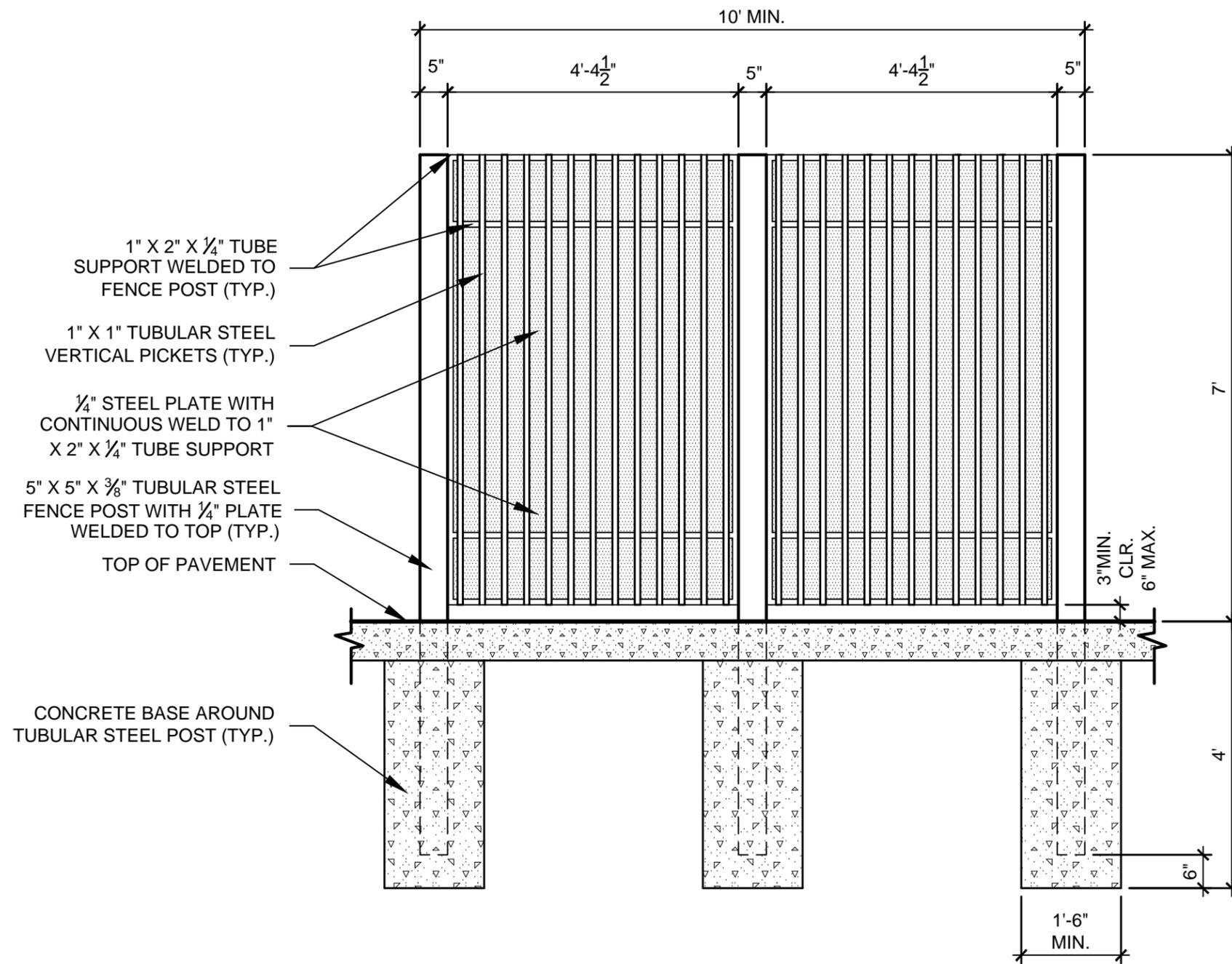
1. ALL TUBULAR STEEL POSTS, RAILS, PICKETS AND SCREENING COMPONENTS ALONG WITH ACCESSORY ITEMS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
2. ALL STEEL COMPONENTS SHALL BE FURNISHED WITH TWO COATS EACH OF COMMERCIAL-GRADE PRIMER AND EXTERIOR PAINT (REFERENCE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION). FINISH COLOR TO BE BLACK UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SAMPLES, TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS.

E DUMPSTER ENCLOSURE GATE ELEVATION

SCALE: 1/2" = 1'-0"



scale:
dsnd:
drawn:
approved:



1" X 2" X 1/4" TUBE
SUPPORT WELDED TO
FENCE POST (TYP.)

1" X 1" TUBULAR STEEL
VERTICAL PICKETS (TYP.)

1/4" STEEL PLATE WITH
CONTINUOUS WELD TO 1"
X 2" X 1/4" TUBE SUPPORT

5" X 5" X 3/8" TUBULAR STEEL
FENCE POST WITH 1/4" PLATE
WELDED TO TOP (TYP.)

TOP OF PAVEMENT

CONCRETE BASE AROUND
TUBULAR STEEL POST (TYP.)

GENERAL NOTES:

1. ALL TUBULAR STEEL POSTS, RAILS, PICKETS AND SCREENING COMPONENTS ALONG WITH ACCESSORY ITEMS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
2. ALL STEEL COMPONENTS SHALL BE FURNISHED WITH TWO COATS EACH OF COMMERCIAL-GRADE PRIMER AND EXTERIOR PAINT (REFERENCE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION). FINISH COLOR TO BE BLACK UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SAMPLES, TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS.

E DUMPSTER ENCLOSURE SIDE ELEVATION

SCALE: 1/2" = 1'-0"

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
**HANDRAIL &
FENCING DETAILS**
**DUMPSTER
ENCLOSURE
SIDE
ELEVATION**

issue date

revisions

DETAIL E-14



scale:
dsnd:
drawn:
approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

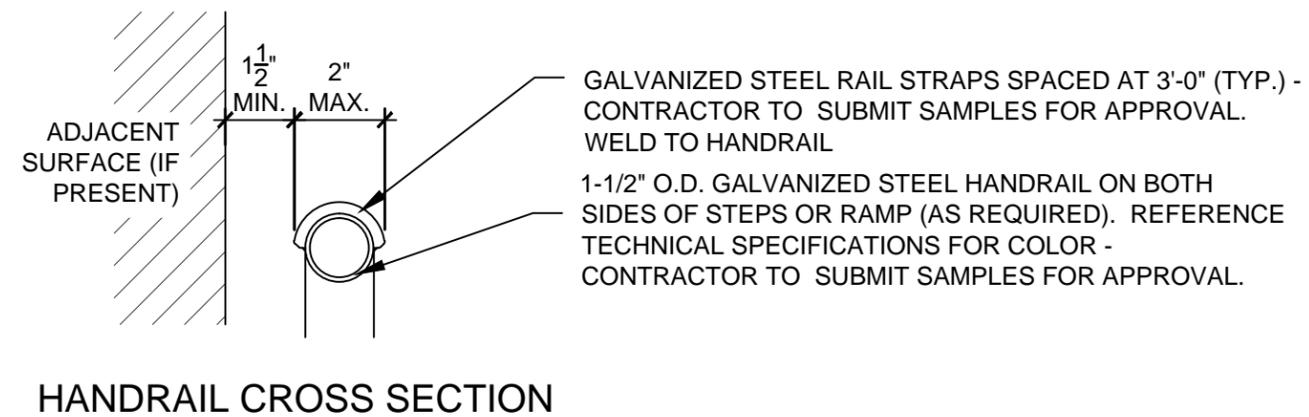
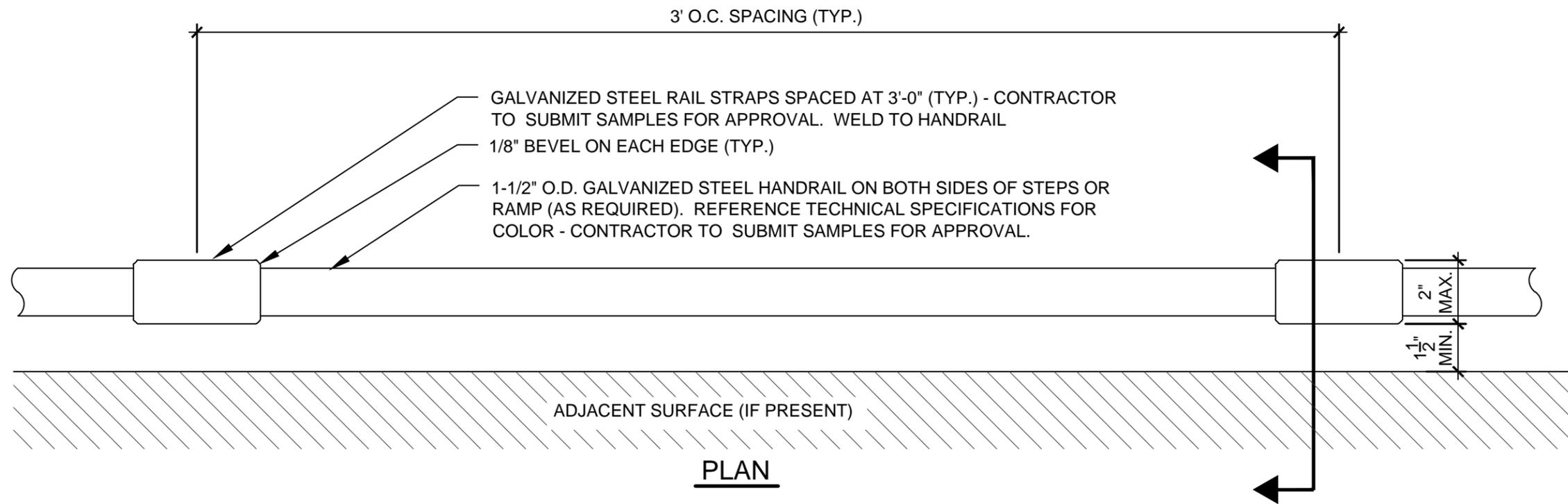
Typical Construction Details
HANDRAIL &
FENCING DETAILS

HANDRAIL
STRAP DETAIL

issue date

revisions

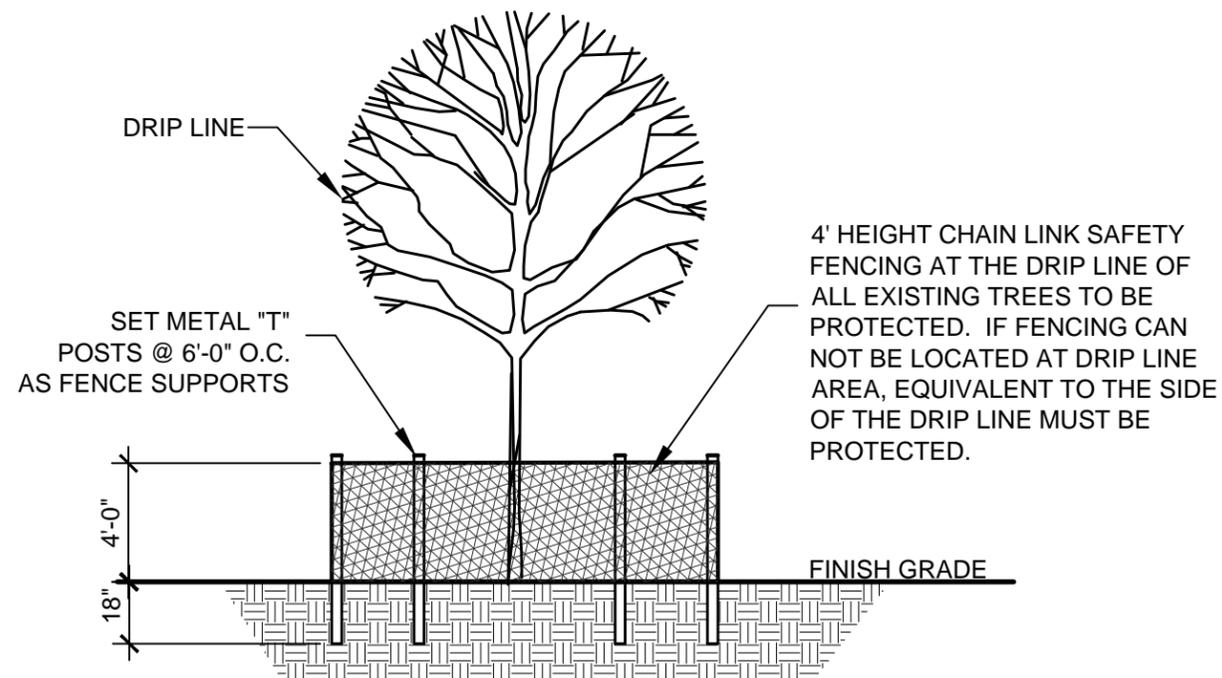
DETAIL E-15



GENERAL NOTES:

1. THE CROSS SECTION (PERIMETER OF HANDRAIL) SHALL NOT EXCEED 6.25". CONTRACTOR TO PROVIDE A MOCK-UP FOR REVIEW AND APPROVAL PRIOR TO FINAL FABRICATION.
2. THE SPACE BETWEEN THE HANDRAIL (WITH OR WITHOUT STRAPS) AND ANY ADJACENT SURFACE SHALL NOT BE LESS THAN 1-1/2" MINIMUM REQUIRED BY SECTION 505.5 TEXAS ACCESSIBILITY STANDARDS (MARCH 2012).
3. REFER TO PLAN FOR HANDRAIL LOCATIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL HANDRAIL, RAIL STRAPS AND MISCELLANEOUS COMPONENTS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS.
4. ALL STEEL POSTS AND HANDRAILS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF HANDRAIL STRAP MEMBERS. GRIND SMOOTH ALL WELDS.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING AND/OR INSTALLING HANDRAIL AND HANDRAIL STRAPS.

- NOTES:
1. FENCE TO BE MAINTAINED AND REPAIRED AS NEEDED DURING CONSTRUCTION.
 2. NO CONSTRUCTION TRAFFIC, GRADING, STORAGE OR WASTE DISPOSAL ALLOWED WITHIN THE FENCED AREA AROUND TREES.



TREE PROTECTION NOTES

1. EXISTING TREES SHOWN TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. CHAINLINK FENCING (MIN. 4'-0" HEIGHT) SHALL BE INSTALLED AT THE DRIP LINE OF ALL TREES OR TREE GROUPS TO REMAIN. PARKING OF VEHICLES OR PERFORMING WORK WITHIN THESE AREAS OTHER THAN SHOWN ON THE PLAN, WILL NOT BE ALLOWED. THE TREE PROTECTION SHALL REMAIN DURING CONSTRUCTION. OTHER TREE PROTECTION MEASURES SHALL BE IN ACCORDANCE WITH THE CITY'S STANDARDS AND ORDINANCES.
2. DISPOSAL OF ANY WASTE MATERIAL SUCH AS, BUT NOT LIMITED TO, PAINT, ASPHALT, OIL SOLVENTS, CONCRETE, MORTAR, ETC. WITHIN THE CANOPY AREA OF THE EXISTING TREES SHALL NOT BE ALLOWED.
3. NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
4. NO FILL OR EXCAVATION OF ANY NATURE SHALL OCCUR WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, UNLESS THERE IS A SPECIFIED WELL OR RETAINING WALL SHOWN ON THE GRADING PLAN.
5. NO MATERIALS SHALL BE STORED WITHIN THE DRIPLINE AREA OF A TREE TO BE PRESERVED.

F
1

TREE PROTECTION DETAIL

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

TREE
PROTECTION
DETAIL

issue date

revisions

DETAIL F-1



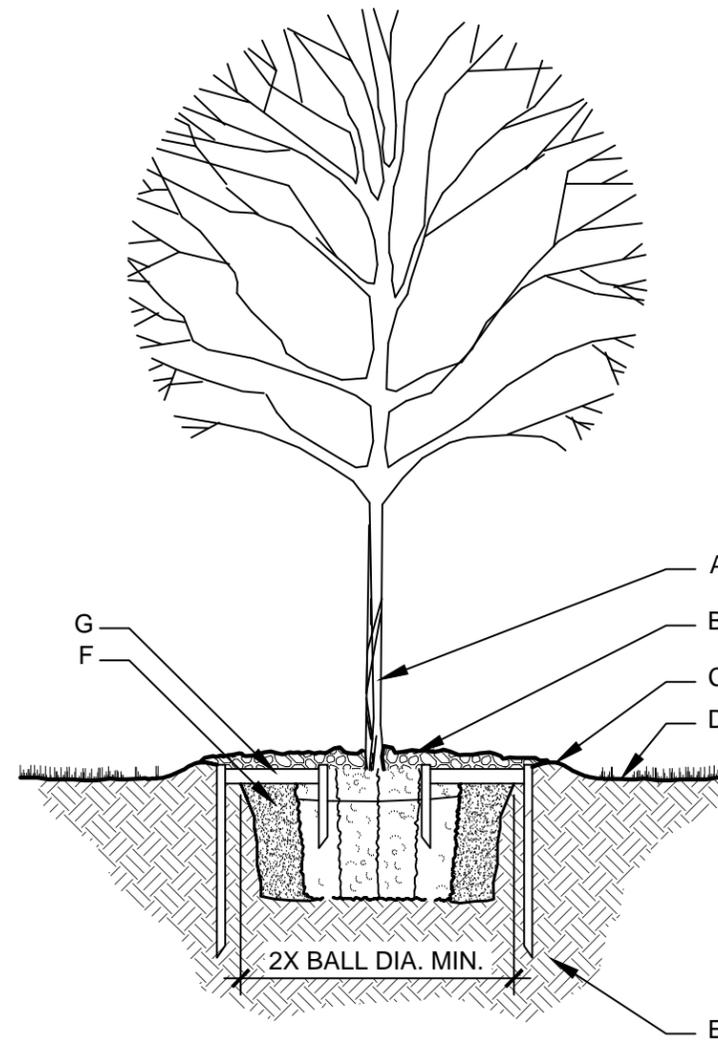
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GENERAL NOTES:

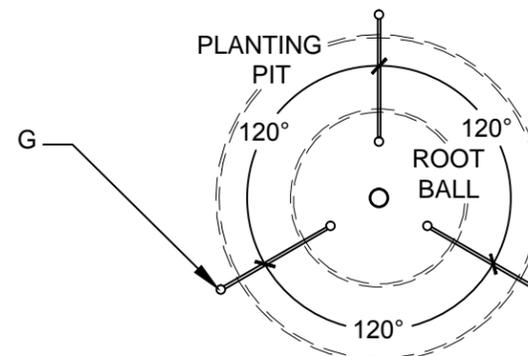
1. STABILIZE SOIL BELOW ROOT BALL PRIOR TO PLANTING TO PREVENT TREE FROM SETTLING.
2. TOP OF ROOTBALL SHALL BE 1" TO 2" ABOVE FINISH GRADE.
3. ALL WIRE ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED COMPLETELY FROM ROOTBALL AND REMOVE TOP 1/3 OF BURLAP.
4. PLANTING PITS SHALL BE THOROUGHLY SCARIFIED/ROUGHENED.

CONSTRUCTION NOTES:

- A. TREE.
- B. 3" DEPTH OF BARK MULCH; NO MULCH WITHIN 2" OF TRUNK
- C. WATER RETENTION BASIN.
- D. FINISH GRADE
- E. UNDISTURBED SOIL BELOW ROOT BALL
- F. LOOSEN NATIVE BACKFILL (NO SOIL AMENDMENTS IN CONTRACT)
- G. TREE STAPLE (3 PER TREE) - SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS



SECTION



PLAN

F TREE PLANTING DETAIL
2

NOT TO SCALE

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

TREE
PLANTING
DETAIL

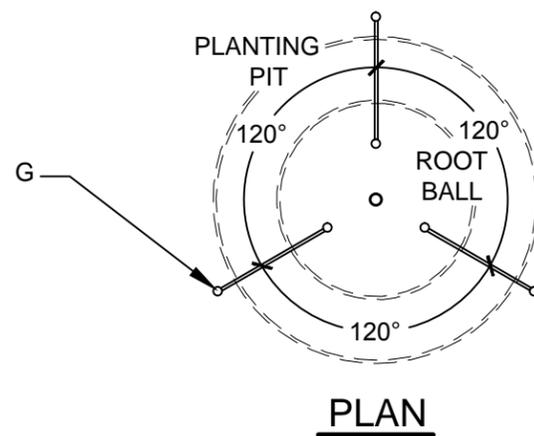
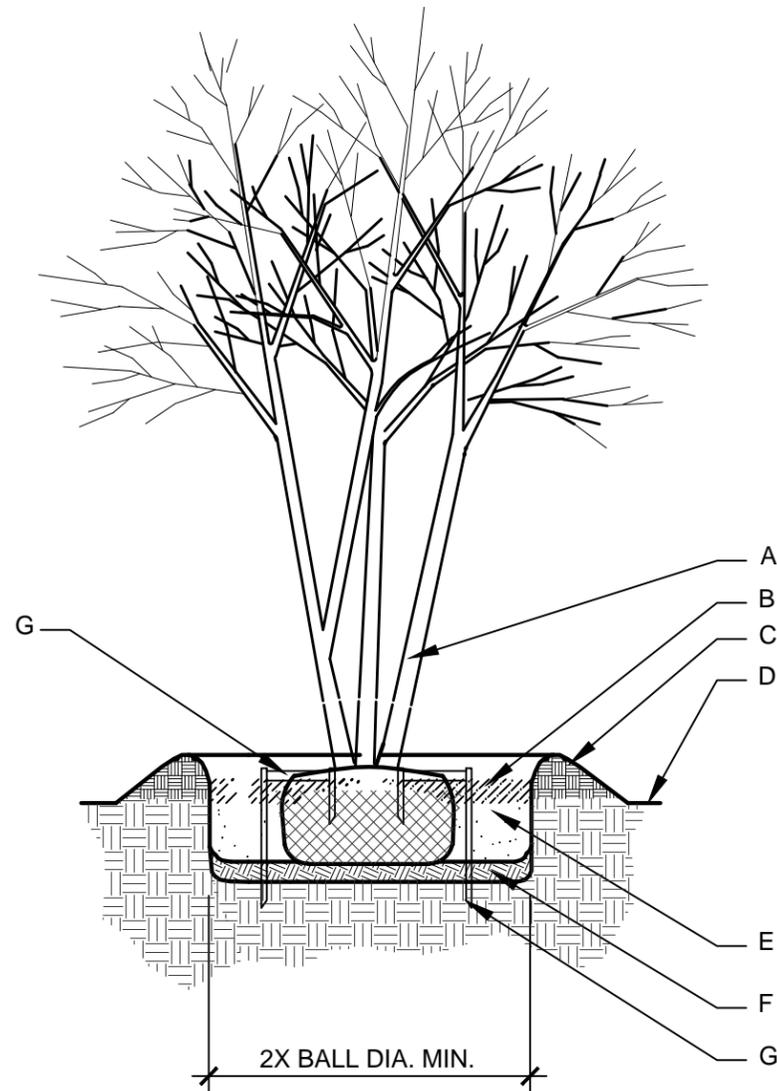
issue date

revisions

DETAIL F-2



scale:
dsnd:
drawn:
approved:



GENERAL NOTES:

1. STABILIZE SOIL BELOW ROOT BALL PRIOR TO PLANTING TO PREVENT TREE FROM SETTLING.
2. TOP OF ROOTBALL SHALL BE 1" TO 2" ABOVE FINISH GRADE.
3. ALL WIRE ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED COMPLETELY FROM ROOTBALL AND REMOVE TOP 1/3 OF BURLAP.
4. PLANTING PITS SHALL BE THOROUGHLY SCARIFIED/ROUGHENED.

CONSTRUCTION NOTES:

- A. TREE
- B. 3" DEPTH OF BARK MULCH; NO MULCH WITHIN 2" OF TRUNK
- C. WATER RETENTION BASIN - USE PREPARED TOPSOIL (6" MINIMUM)
- D. FINISH GRADE
- E. PREPARED ADMIXTURE BACKFILL OR NATIVE SOIL
- F. TAMPERED ADMIXTURE BACKFILL
- G. TREE STAPLE (3 PER TREE) - SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

ORNAMENTAL
TREE
PLANTING
DETAIL

issue date

revisions

F
3 ORNAMENTAL TREE PLANTING DETAIL

NOT TO SCALE

DETAIL F-3



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Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

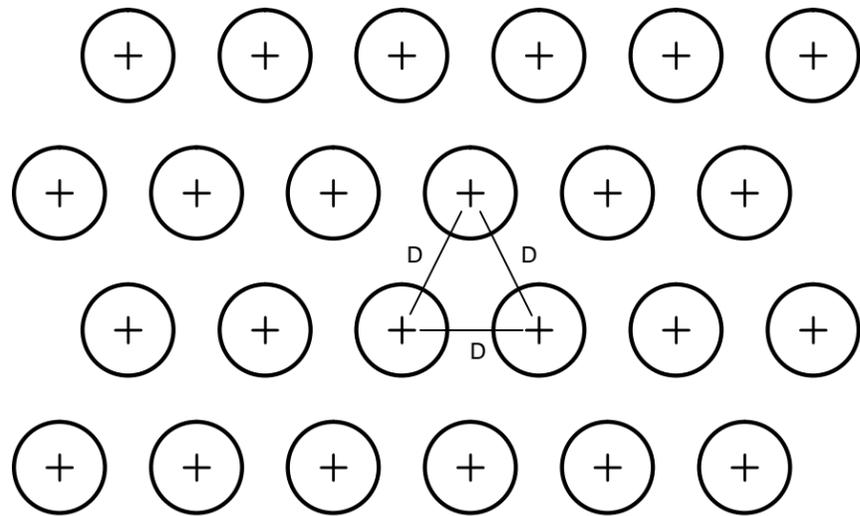
LANDSCAPE
DETAILS

GROUNDCOVER
DETAIL

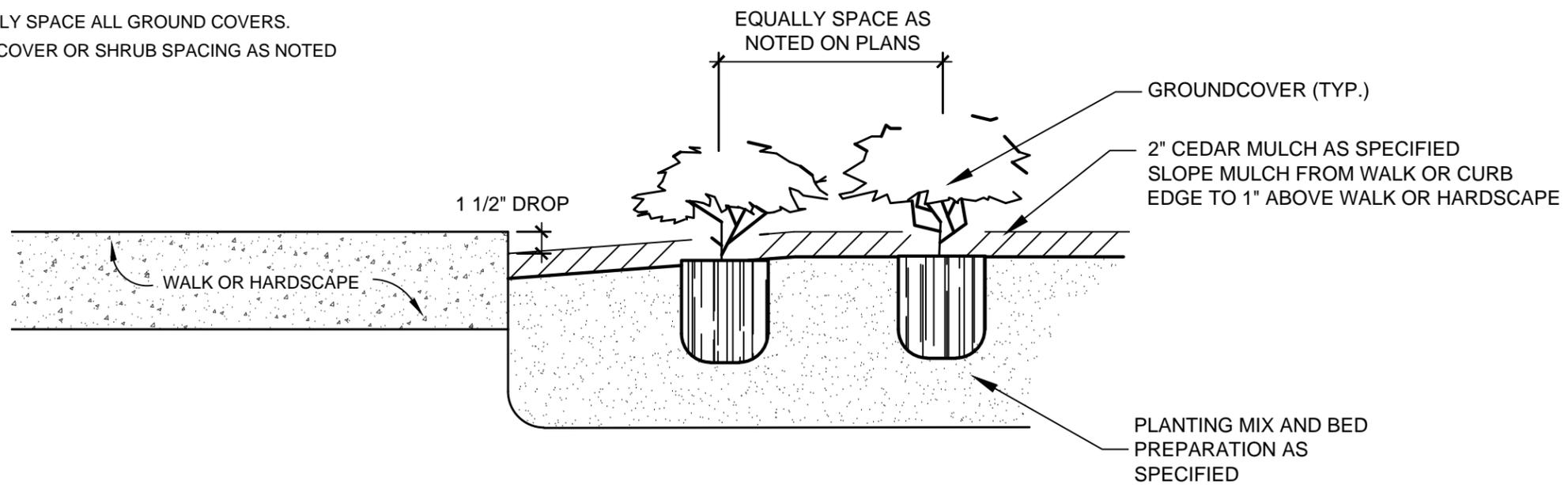
issue date

revisions

DETAIL F-4



TRIANGULARLY SPACE ALL GROUND COVERS.
D = GROUNDCOVER OR SHRUB SPACING AS NOTED



F
4 GROUNDCOVER DETAIL

NOT TO SCALE



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

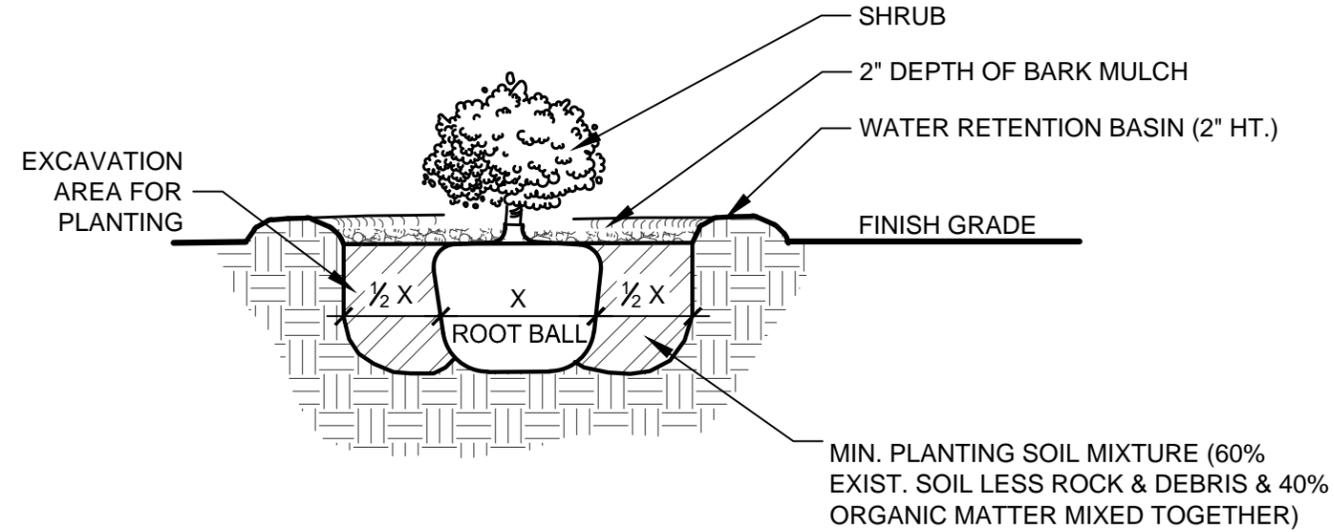
POCKET
PLANTING
SHRUB DETAIL

issue date

revisions

DETAIL F-5

NOTE:
TOP OF ROOT BALL TO BE LEVEL
WITH ADJACENT FINISHED GRADE.



F
5 POCKET PLANTING SHRUB DETAIL

NOT TO SCALE



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dsnd:
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approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

DOUBLE
CHECK
VALVE DETAIL

issue date

revisions

DETAIL F-6

GENERAL NOTES:

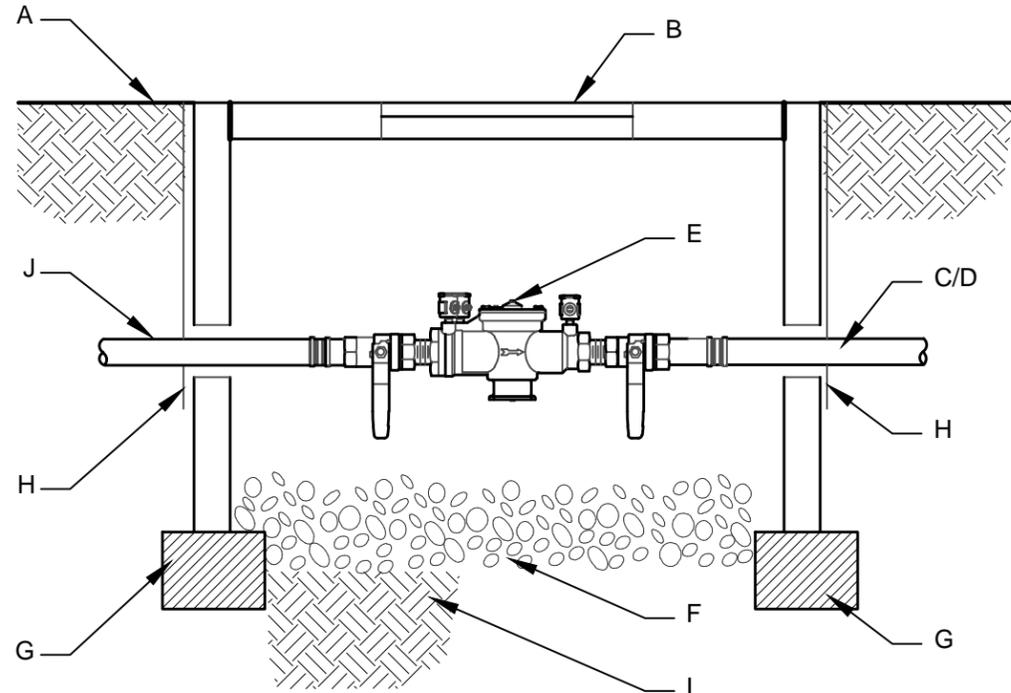
1. INSTALL 8" X 8" X 16" CMU BLOCKS ALL AROUND THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED TO ALLOW ACCESS AND OPERATION OF BALL VALVES.
3. SEE IRRIGATION PLANS FOR EQUIPMENT SPECIFICATIONS NOT CALLED OUT ON THIS DETAIL
4. MAINLINE SHALL BE INSTALLED A MINIMUM OF 18" DEEP FROM TOP OF PIPE.
5. INSTALL ISOLATION VALVE DOWNSTREAM FROM DOUBLE CHECK. REFER TO DETAIL F-8.
6. INSTALL GATE VALVE FOR MASTER SHUT-OFF AND 1/2" DRAIN VALVE.

CONSTRUCTION NOTES:

- A. FINISHED GRADE
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL "DIAMOND PLATE" SOLID LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS. SET FLUSH WITH FINISHED GRADE. ALLOW A MINIMUM OF 6" CLEARANCE ON ALL SIDES OF DOUBLE CHECK VALVE.
- C. MAINLINE
- D. SCHEDULE 80 PVC X 12" NIPPLE.
- E. DOUBLE CHECK VALVE ASSEMBLY.
- F. 6" DEPTH PEA GRAVEL.
- G. 8" X 8" X 16" CMU BLOCK.
- H. 6 MM BLACK POLYETHYLENE PLASTIC TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION.
- I. COMPACTED SUBGRADE
- J. TYPE K COPPER SERVICE LINE.

MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.



F
6 DOUBLE CHECK VALVE (IN BOX) DETAIL

NOT TO SCALE



scale:
dsnd:
drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
LANDSCAPE
DETAILS

IRRIGATION
ELECTRIC
VALVE DETAIL

issue date

revisions

DETAIL F-7

GENERAL NOTES:

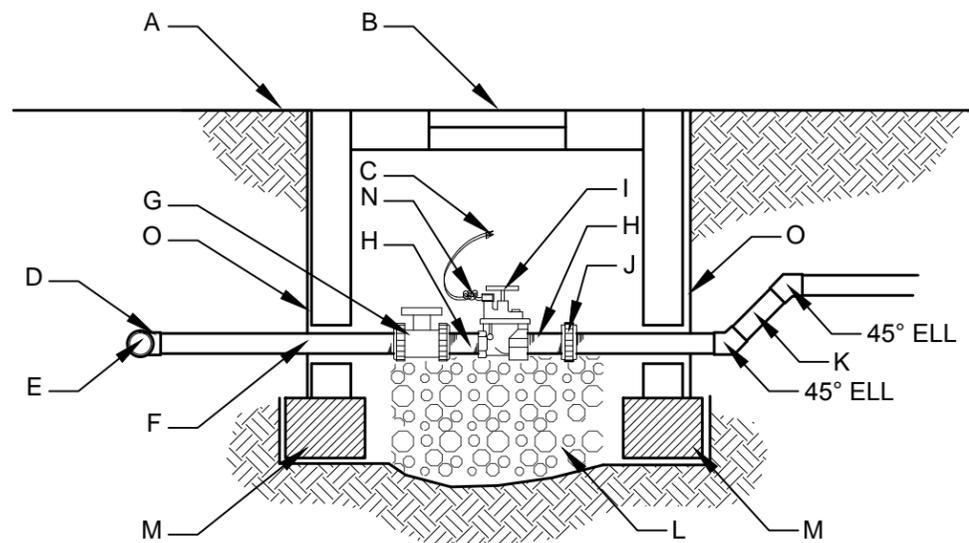
1. INSTALL 8" X 8" X 16" SOLID CMU BLOCK ALL AROUND THE VALVE BOX.
2. PEA GRAVEL SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
3. MAIN LINE SHALL HAVE A MINIMUM OF 18" COVER. LATERAL LINE SHALL HAVE A MINIMUM 12" COVER.
4. PROVIDE A 24" WIRE EXPANSION COIL AT SPLICE WIRE CONNECTION (TOM KING BLACK/OR EQUAL).
5. CENTER VALVE ASSEMBLY IN VALVE BOX.

CONSTRUCTION NOTES:

- A. FINISH GRADE
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS.
- C. "TOM KING BLACK" SPLICE CONNECTORS.
- D. IRRIGATION MAINLINE.
- E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
- F. SCHEDULE 80 PVC X 12" NIPPLE.
- G. SPEARS TRUE UNION SCHEDULE 80 PVC BALL VALVE.
- H. SCHEDULE 80 PVC CLOSE NIPPLE.
- I. ELECTRIC VALVE (SEE PLAN).
- J. SPEARS SCHEDULE 80 PVC UNION.
- K. LATERAL LINE.
- L. MINIMUM 6" DEPTH PEA GRAVEL.
- M. 8"X8"X16" SOLID CMU BLOCK.
- N. 24" WIRE EXPANSION COIL.
- O. FILTER FABRIC - TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION.

MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.



F
7 IRRIGATION ELECTRIC VALVE DETAIL

NOT TO SCALE



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drawn:
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Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

ISOLATION
VALVE
DETAIL

issue date

revisions

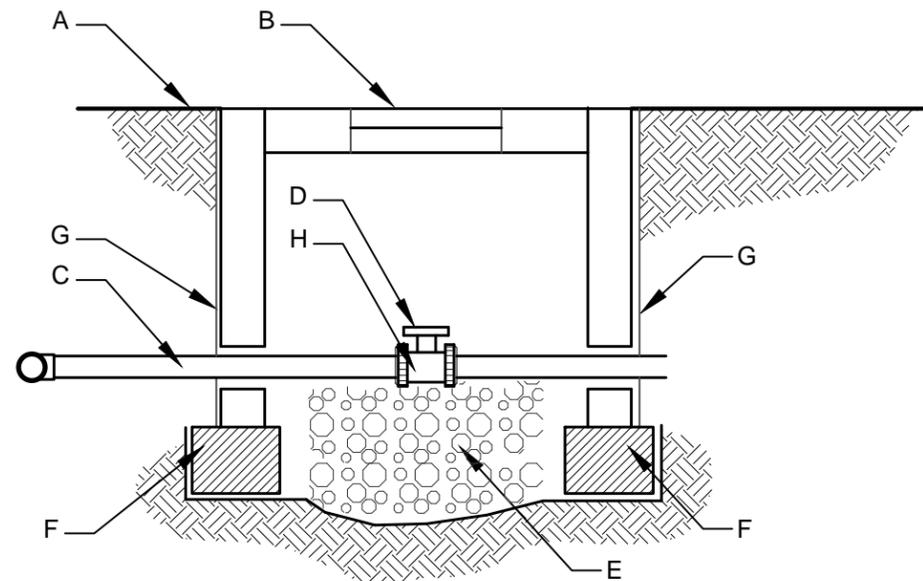
DETAIL F-8

GENERAL NOTES:

1. INSTALL 8" X 8" X 16" SOLID CMU BLOCK ALL AROUND THE VALVE BOX.
2. PEA GRAVEL SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
3. MAIN LINE SHALL HAVE A MINIMUM OF 18" COVER
4. CENTER VALVE ASSEMBLY IN VALVE BOX.

CONSTRUCTION NOTES:

- A. FINISH GRADE
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL "DIAMOND PLATE" SOLID LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS.
- C. IRRIGATION MAINLINE.
- D. BRONZE GATE VALVE (SEE PLAN).
- E. MINIMUM 6" DEPTH PEA GRAVEL.
- F. 8"X8"X16" SOLID CMU BLOCK.
- G. FILTER FABRIC - TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION.



MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.

F
8 ISOLATION VALVE DETAIL

NOT TO SCALE



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drawn:
approved:

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

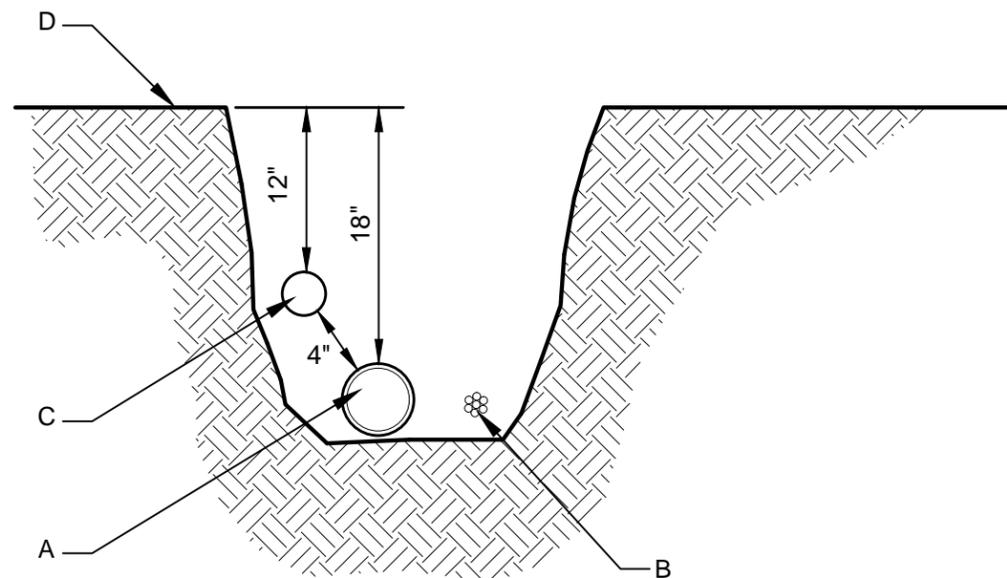
LANDSCAPE
DETAILS

IRRIGATION
TRENCH
DETAIL

issue date

revisions

DETAIL F-9



GENERAL NOTES:

1. PIPE SHALL REST FIRMLY ON TRENCH BOTTOM. SNAKE PIPE FROM SIDE TO SIDE.
2. DO NOT STACK PIPES IN TRENCH - MAINTAIN MIN 4" SEPARATION BETWEEN LATERAL LINES AND MAIN LINE.
3. NO WIRE SPLICES ALLOWED IN TRENCH.

CONSTRUCTION NOTES:

- A. MAIN LINE, 18" COVER
- B. WIRE BUNDLE - TAPED AT 20' INTERVALS OR AS DIRECTED IN TECHNICAL SPECIFICATIONS.
- C. LATERAL LINE, 12" COVER
- D. FINISHED GRADE

F
9 IRRIGATION TRENCH DETAIL

NOT TO SCALE



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

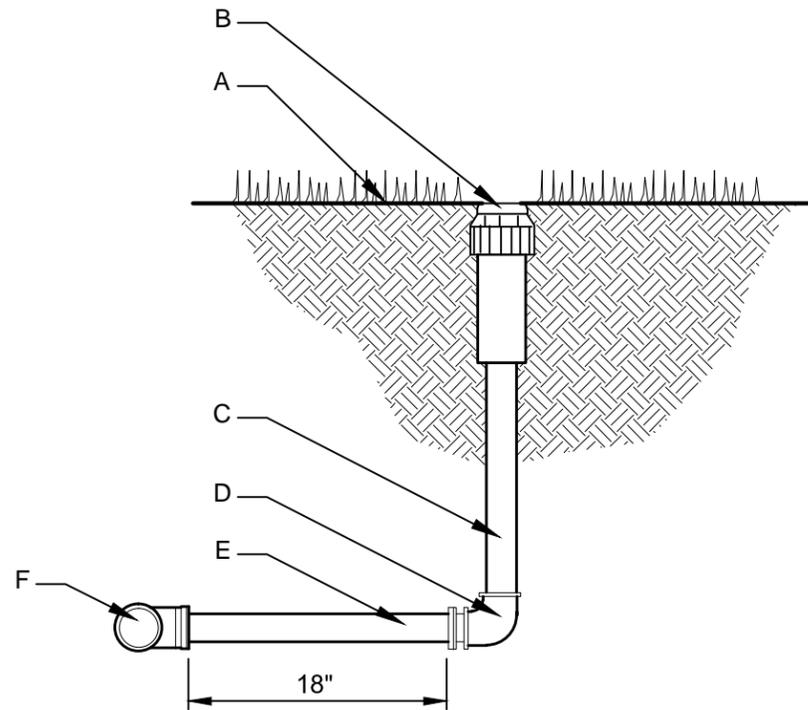
LANDSCAPE
DETAILS

POP UP SPRAYS
W/ FLEX PIPE
ASSEMBLY
DETAIL

issue date

revisions

DETAIL F-10



GENERAL NOTES:

1. THIS DETAIL SHALL BE USED FOR POP-UP SHRUB SPRAY, POP-UP SPRAY, AND FLOOD BUBBLERS, TWO PER TREE.
2. TOP OF SPRINKLER HEAD SHALL BE SET FLUSH WITH FINISH GRADE.

CONSTRUCTION NOTES:

- A. FINISH GRADE
- B. SPRINKLER HEAD (SEE PLAN)
- C. CUT OFF RISER
- D. SCH 40 PVC THREADED ELL (S x T)
- E. LATERAL PIPE
- F. SCH 40 PVC TEE

F
10

POP UP SPRAYS W/ FLEX PIPE ASSEMBLY DETAIL

NOT TO SCALE



Standard Construction Details

for
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Park and Recreation Department

Typical Construction Details

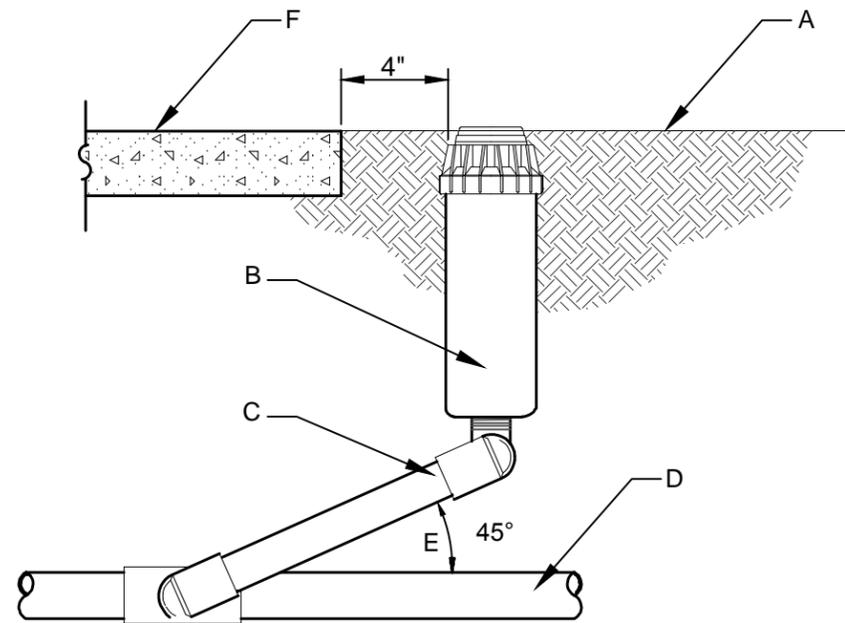
LANDSCAPE
DETAILS

GEAR DRIVEN
ROTORS W/
SWING JOINTS
DETAIL

issue date

revisions

DETAIL F-11



GENERAL NOTES:

1. THIS DETAIL SHALL BE USED FOR ANY IRRIGATION HEAD THAT IS NOT CLASSIFIED AS A POP UP SPRAY HEAD.
2. TOP OF SPRINKLER HEAD SHALL BE SET FLUSH WITH FINISH GRADE.
3. FLUSH PIPING BEFORE INSTALLING HEADS.

CONSTRUCTION NOTES:

- A. FINISH GRADE
- B. SPRINKLER HEAD - SEE PLAN FOR MAKE/MODEL (HUNTER I-25 UNLESS SPECIFIED OTHERWISE)
- C. MANUFACTURED, RING AND GASKET SWING JOINT
- D. LATERAL PIPE
- E. 45 DEGREE ANGLE
- F. HARDSCAPE

F GEAR DRIVEN ROTORS WITH SWING JOINTS

11

NOT TO SCALE



Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

PEDESTAL
MOUNTED
CONTROLLER
DETAIL

issue date

revisions

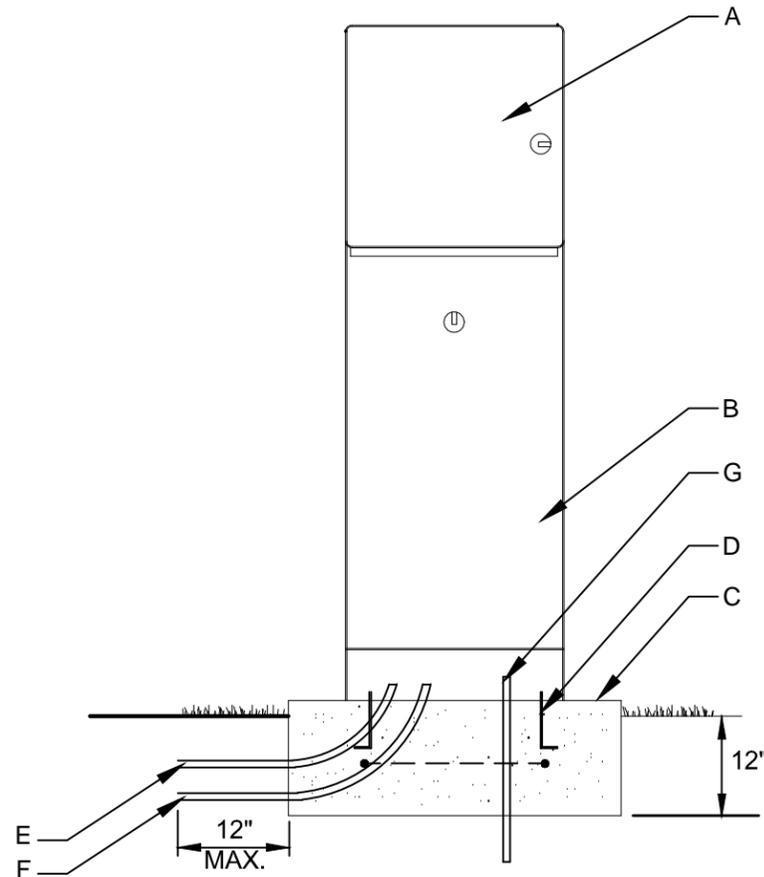
DETAIL F-12

GENERAL NOTES:

1. CONTROLLER BY CONTRACTOR (SEE PLAN)
NOTE: ALL ELECTRICAL WIRING TO BE INSTALLED AS PER LOCAL CODES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK.
3. PROVIDE DRAINAGE AWAY FROM THE BASE OF THE CONTROLLER IN ALL DIRECTIONS.
4. ALL IRRIGATION BOXES TO BE GROUNDED WITH GROUNDING ROD & WIRE PER N.E.C.
5. INSTALL CONTROLLER IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
6. NO MORE THAN 1200' BETWEEN CONTROLLER AND FURTHEST VALVE.
7. INSTALL RAIN AND FREEZE SENSORS.

CONSTRUCTION NOTES:

- A. WEATHER PROOF AUTOMATIC CONTROLLER AS SPECIFIED
- B. CONTROLLER PEDESTAL (SECURELY ANCHOR TO CONCRETE BASE)
- C. 14" THICK CONCRETE PAD WITH (2) #4 BARS EACH WAY. INSTALL 2" ABOVE PROPOSED FINISHED GRADE
- D. INSTALL "J" BOLTS 4" DEEP IN CONCRETE
- E. GALV. CONDUIT FOR IRRIGATION CONTROL & COMMON WIRES
- F. 1" FLEXIBLE GALVANIZED CONDUIT FOR ELECTRICAL SERVICE. BRING IN BELOW GRADE
- G. GROUNDING ROD, INSTALL GROUND WIRE IN CONDUIT BELOW GRADE



F PEDESTAL MOUNTED CONTROLLER DETAIL
12

NOT TO SCALE

GENERAL NOTES:

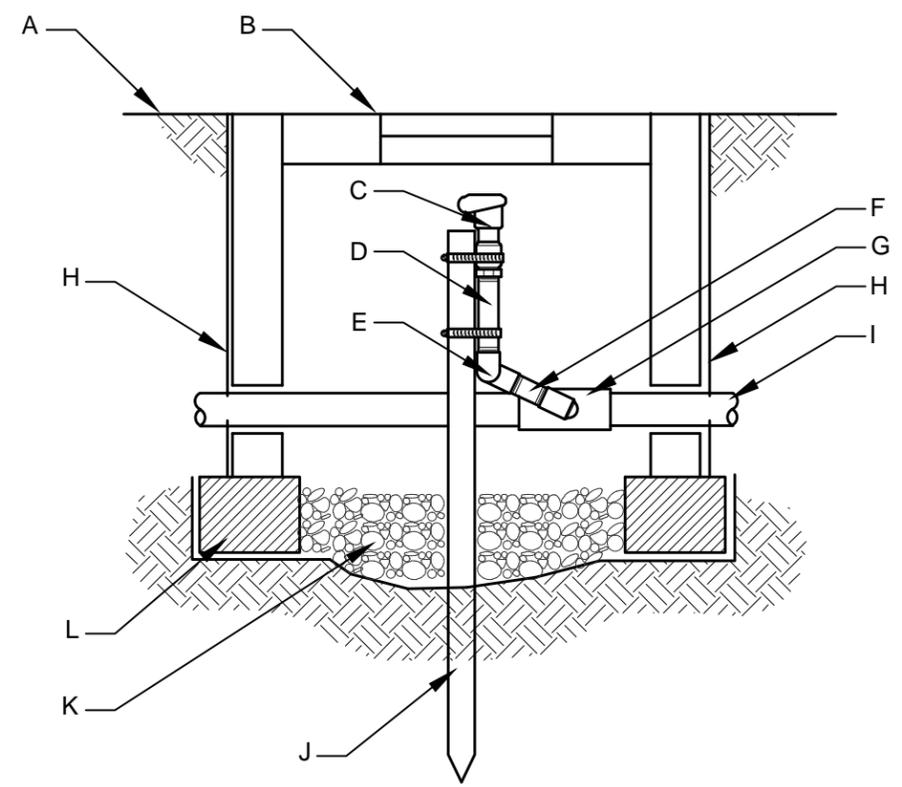
1. INSTALL 8" X 8" X 16" SOLID CMU BLOCK ALL AROUND THE VALVE BOX.
2. PEA GRAVEL SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
3. MAIN LINE SHALL HAVE A MINIMUM OF 18" COVER. LATERAL LINE SHALL HAVE A MINIMUM 12" COVER.
4. CENTER VALVE ASSEMBLY IN VALVE BOX.

CONSTRUCTION NOTES:

- A. FINISH GRADE.
- B. CONCRETE VALVE BOX AND EXTENSION WITH STEEL LID. INSTALL FLUSH TO FINISH GRADE. SEE NOTES BELOW FOR ACCEPTABLE MANUFACTURERS.
- C. QUICK-COUPLING VALVE WITH LOCKABLE "NON-POTABLE WATER" PURPLE LID (REFERENCE SPECIFICATIONS FOR MODEL AND MANUFACTURER) .
- D. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED).
- E. PVC SCH 40 ELL.
- F. LASCO SWING JOINT ASSEMBLY.
- G. PVC SCH 40 TEE OR ELL.
- H. FILTER FABRIC - TAPE TO ALL INLET AND OUTLET PORTS OF VALVE BOX TO MINIMIZE SILTATION
- I. PVC MAINLINE PIPE 18" MIN. DEPTH
- J. 1.1" X 30" GALVANIZED STEEL PIPE WITH TWO STAINLESS STEEL WORM GEAR CLAMPS.
- K. 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL.
- L. 8" X 8" X 16" SOLID CMU BLOCK.

MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE LOCKABLE AND PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.
3. SET Q.C. VALVE AT HEIGHT TO ALLOW USE OF KEY HANDLE ABOVE BOX.



F QUICK COUPLING VALVE DETAIL
13

NOT TO SCALE

Typical Construction Details
LANDSCAPE
DETAILS
QUICK
COUPLING
VALVE
DETAIL

issue date	_____
revisions	_____

DETAIL F-13



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Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details

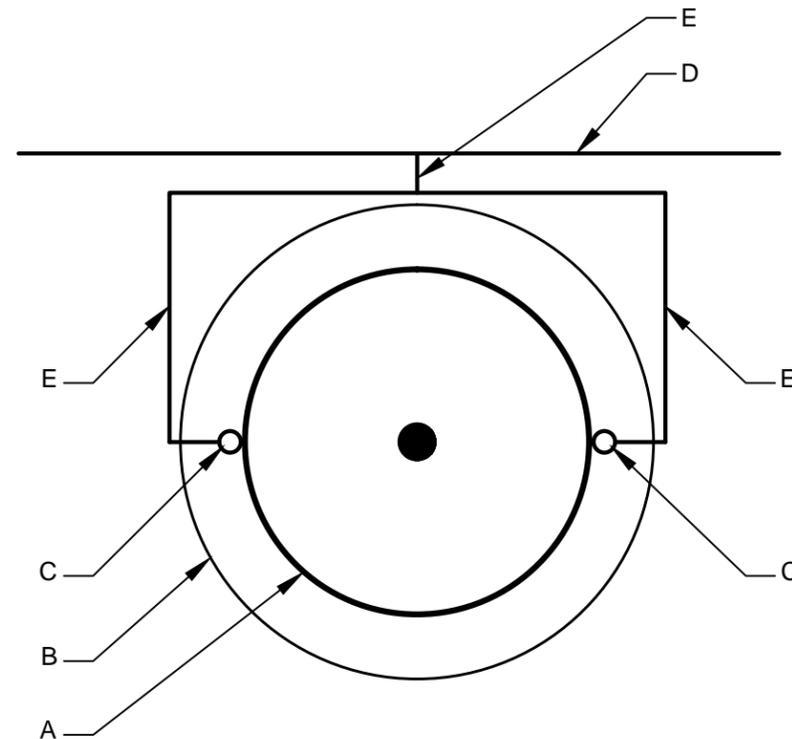
LANDSCAPE
DETAILS

TREE
BUBBLER
DETAIL

issue date

revisions

DETAIL F-14



GENERAL NOTES:

1. NO TRENCHING ALLOWED WITHIN THE TREE ROOTBALL.
2. TREE BUBBLERS TO BE ON UPHILL SIDE OF THE TREE IN THE RETENTION BASIN OR AS SHOWN.
3. COORDINATE THE LOCATION OF THE BUBBLERS WITH THE PROPOSED TREES.
4. BUBBLER TO BE EITHER 1 GPM FLOOD BUBBLER OR 8' RAD. QUARTER THROW NOZZLES (REF. PLAN AND SPECIFICATIONS).

CONSTRUCTION NOTES:

- A. TREE ROOTBALL
- B. EDGE OF TREE PIT (RETENTION BASIN)
- C. POP-UP SPRAY HEAD W/ TREE BUBBLER
- D. LATERAL LINE (SIZED AS SPEC'D.)
- E. 1/2" ZONE PIPE

GENERAL NOTES:

1. FOR TREE INSTALLATIONS, DRIP IRRIGATION MAY BE USED IN LIEU OF FLOOD BUBBLERS. CONTRACTOR TO PROVIDE FULL SHOP DRAWINGS FOR ALTERNATE DESIGN. REFERENCE TECHNICAL SPECIFICATIONS FOR DESIGN MODIFICATION PROCEDURES AND APPROVALS.

F TREE BUBBLER DETAIL
14

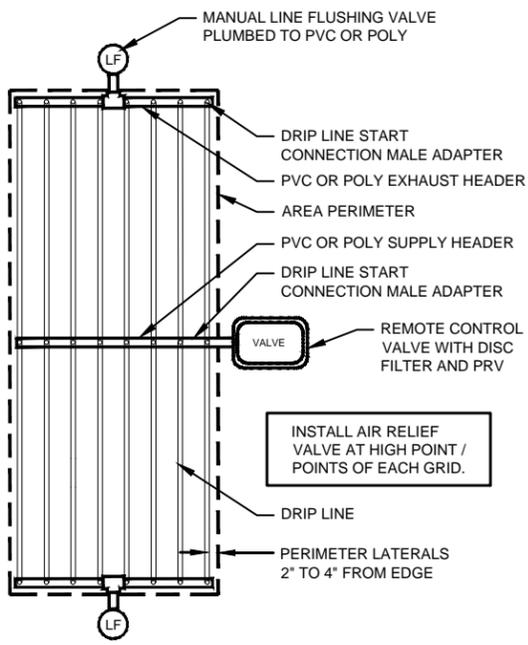
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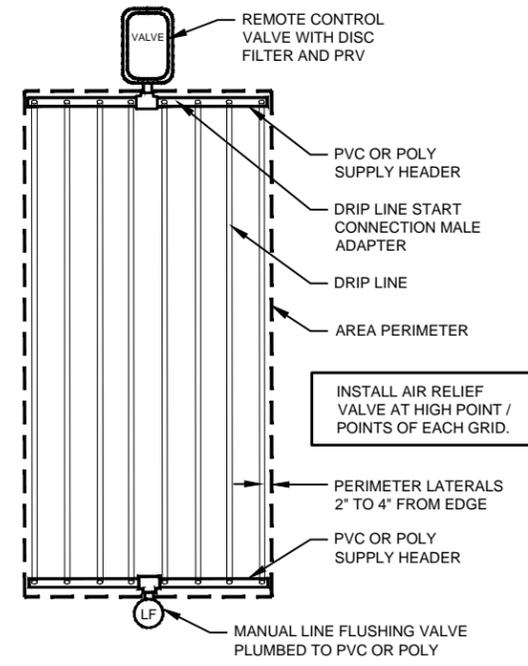
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GENERAL LAYOUT NOTES:

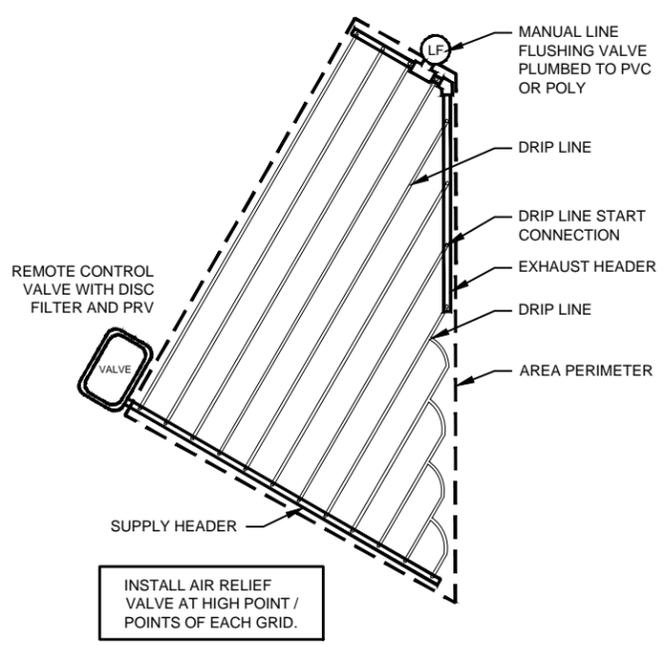
1. SUPPLY AND EXHAUST HEADERS SHALL BE CLASS 200 PVC PIPE, OF THE SAME DIAMETER AS THE ZONE VALVE SIZE.
2. USE DRIP TUBE FOR SUPPLY AND EXHAUST HEADERS ON GRIDS WITH FLOW SMALLER THAN 5 G.P.M. ONLY.



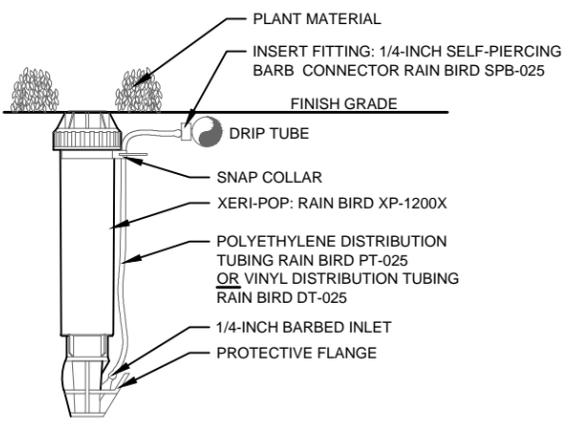
DRIP CENTER FEED LAYOUT



DRIP END FEED LAYOUT

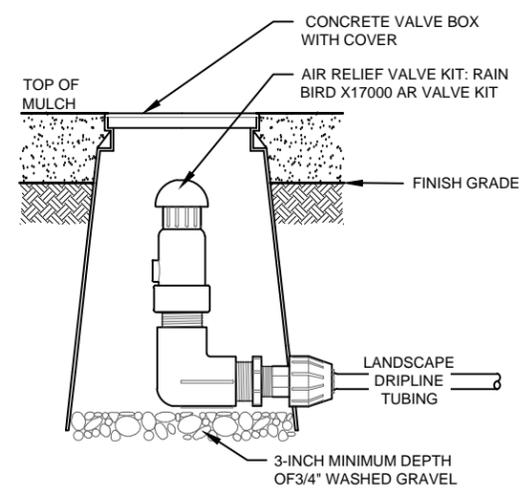


IRREGULAR AREA DRIP LAYOUT

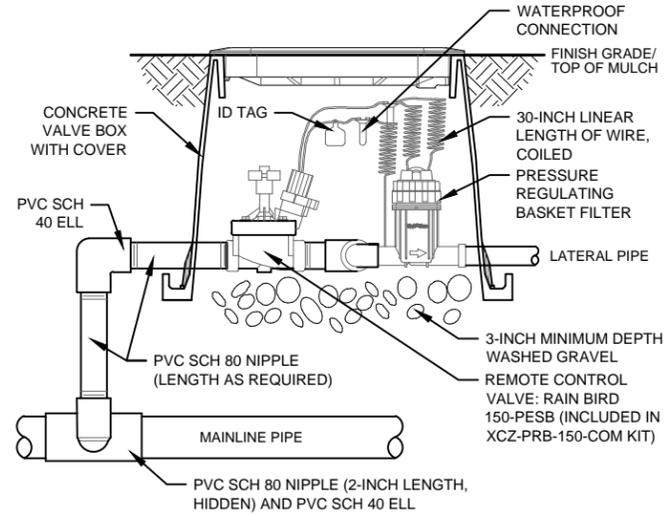


- NOTE:
1. USE XERIMAN TOOL XM-TOOL TO INSERT BARB CONNECTOR DIRECTLY INTO 1/2" POLYETHYLENE TUBING.
 2. LOCATE AT FURTHEST DISTANCE FROM DRIP VALVE ASSEMBLY, ADJACENT TO EDGING OR WITHIN LOW PLANTINGS FOR OPTIMUM VIEWING. WITH CLOSED SPRAY NOZZLE.

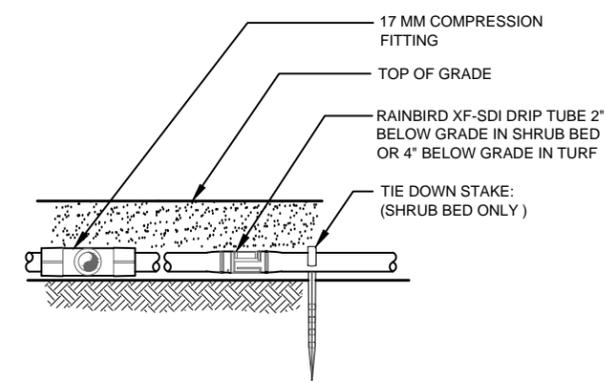
DRIP ZONE INDICATOR



AIR RELIEF VALVE



CONTROL ZONE KIT



DRIP TUBE

MANUFACTURER NOTES:

1. CONCRETE VALVE BOX SHALL BE PROVIDED BY THE FOLLOWING ACCEPTABLE MANUFACTURERS:
 - OLDCASTLE PRECAST: MODEL #B65BOX WITH B65-61D STEEL COVER
 - BROOKS PRODUCTS: MODEL #65 METER BOX WITH 65-TF STEEL COVER (COMPLETE)
2. RAIN BIRD IRRIGATION EQUIPMENT SHOWN. ALTERNATE MANUFACTURER'S PRODUCTS WILL BE CONSIDERED IF DEEMED EQUIVALENT IN MATERIALS, MANUFACTURING, FUNCTIONALITY, DURABILITY AND WARRANTY.

THESE DETAILS ARE PROVIDED AS A GENERAL DESIGN AID. ALL PROJECTS SHALL BE FURNISHED WITH A SITE-SPECIFIC IRRIGATION DESIGN SIGNED AND SEALED BY AN IRRIGATOR LICENSED BY THE STATE OF TEXAS.

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details

LANDSCAPE
DETAILS

DRIP
IRRIGATION
DETAILS

issue date

revisions

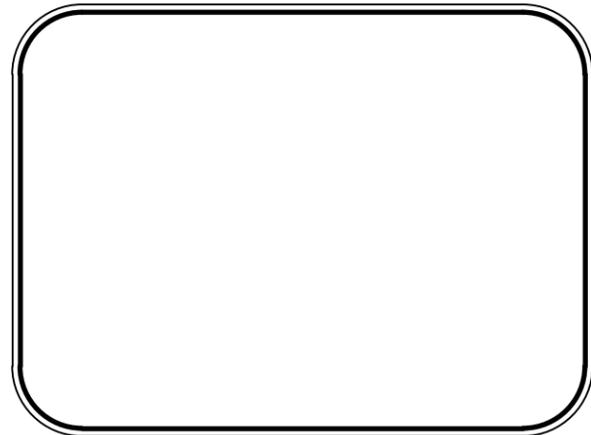


City of Dallas Park and Recreation Department Project Title

Project Title

Date

Project Name



LOCATION MAP-MAPSCO XXX
NOT TO SCALE

Dallas, Texas 75201

PREPARED FOR: _____

CITY OF DALLAS
PARK AND RECREATION DEPT.
CITY HALL ROOM 6-FS
1500 MARILLA STREET
DALLAS, TEXAS 75201
(214) 670-5454
(214) 670-4286 (FAX)

PREPARED BY: _____

NAME
ADDRESS
CITY, STATE ZIP
PHONE NUMBER
FAX NUMBER

GENERAL CONSTRUCTION NOTES

RECOMMENDED FOR APPROVAL:

1. THE CITY OF DALLAS "CITY SPECIFICATIONS" IS MADE UP OF THE CURRENT VERSIONS OF THE (a) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS (NCTCOG), (b) CITY OF DALLAS SPECIAL PROVISIONS WHICH MODIFY THE STANDARD SPECIFICATIONS AND (c) CITY OF DALLAS STANDARD CONSTRUCTION PARK DETAILS (CALLED STANDARD DETAILS). THE "CITY SPECIFICATIONS" SHALL BE MADE A PART OF THESE CONSTRUCTION PLANS AND ARE APPLICABLE TO CONSTRUCTION INSPECTED BY THE PUBLIC WORKS INSPECTORS.
2. IN THE EVENT AN ITEM IS NOT COVERED IN THE "CITY SPECIFICATION" OR "TECHNICAL SPECIFICATION" THE CONTRACTOR SHALL NOTIFY THE CITY AND THE CITY APPROVE ANY ADDITIONS OR MODIFICATIONS TO THE SPECIFICATIONS.
3. ALL WASTE MATERIAL AND/OR EXCESS EXCAVATION NOT USED AS PART OF THE WORK SHALL BE REMOVED FROM THE JOB SITE AND DISPOSED OF AT ACCEPTABLE LOCATIONS IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
4. THE CONTRACTOR SHALL BE REQUIRED, AT ALL TIMES, DURING THE CONSTRUCTION TO PROVIDE WARNING SIGNS, BARRICADES, AND OTHER SAFETY DEVICES (INCLUDING TEMPORARY SAFETY FENCING AROUND THE JOB SITE) IN ORDER TO PROTECT THE PUBLIC SAFETY AND HEALTH UNTIL ALL OF THE WORK HAS BEEN COMPLETED AND ACCEPTED.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, INCLUDING THE FRANCHISE UTILITIES, AND UNDERGROUND STRUCTURES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO THESE EXISTING UTILITIES OR STRUCTURES CAUSED BY HIS FORCES AND SHALL REPAIR ANY DAMAGE TO THEM CAUSED DURING THIS WORK, AT NO COST TO THE CITY.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING FACILITIES IN AND AROUND THE PROJECT AREA. THESE INCLUDE TREES, PLANTINGS, CONCRETE PAVING, BENCHES, SIGNS AND OTHER FACILITIES FOUND ON SITE. THE CONTRACTOR SHALL REPAIR OR REPLACE, AT NO COST TO THE CITY, ANY FACILITIES DAMAGED DURING CONSTRUCTION OF THESE IMPROVEMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE OF ALL WATER DURING CONSTRUCTION. ALL PERMANENT WORK SHALL BE CONSTRUCTED IN AREAS FREE FROM WATER. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL DITCHES, LEVEES, COFFER DAMS, DIVERSIONS, PUMPS ETC. AS NECESSARY TO KEEP THE WORK AREAS FREE FROM WATER.
8. THE CONTRACTOR SHALL PROVIDE WARNING SIGNS AND BARRICADES AT LOCATIONS WHERE EXISTING SIDEWALK HAS BEEN REMOVED.
9. THE CONTRACTOR SHALL WORK TO MINIMIZE DAMAGE TO EXISTING PLANT MATERIALS BEHIND AND ABOVE PLANTER WALLS. WHOLESALE REMOVAL OF PLANTS WILL NOT BE ALLOWED. EXCESS DAMAGE TO PLANT MATERIALS WILL BE REPLACED BY CONTRACTOR

Sr. Program Manager, Engineering, and Site Development Date

Assistant Director, Planning, Design and Construction Date

Date _____ Volume _____ Page _____

Secretary, Park and Recreation Board

Department of
Park and Recreation



City of Dallas
Texas

scale:
dsnd:
drawn:
approved:

Project Name

for
City of Dallas
Park and Recreation Department

Typical Construction Details

**DETAIL
DESCRIPTION**

issue date

revisions

G-2

City of Dallas Park and Recreation Department

Standard Construction Details

for
City of Dallas
Park and Recreation Department

Typical Construction Details
PARK SIGN
DETAILS
4'-0" PANEL
SIZE

issue date _____

revisions _____

DETAIL S-1

Secondary Park Identification

4'0"

Park Name (check one)

Individual .5" thick painted aluminum

Screen Print

Post Option (check one)

Steel Post

Lighting Option (check one)

No lights

Front illumination (one side only)

Front and back illumination

Name of Park		Quantity
Line 1	_____	
Line 2	_____	
Established	_____	
Other message	_____	
Location	_____	



scale:
dsnd:
drawn:
approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PARK SIGN
DETAILS
4'-0" PANEL
SIZE

issue date _____
revisions _____

DETAIL S-2

City of Dallas Parks
Secondary Park Identification - 4'0"

Scale
.75"=1'0"

Material
Posts/6" dia. steel pipe
Supports/2" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

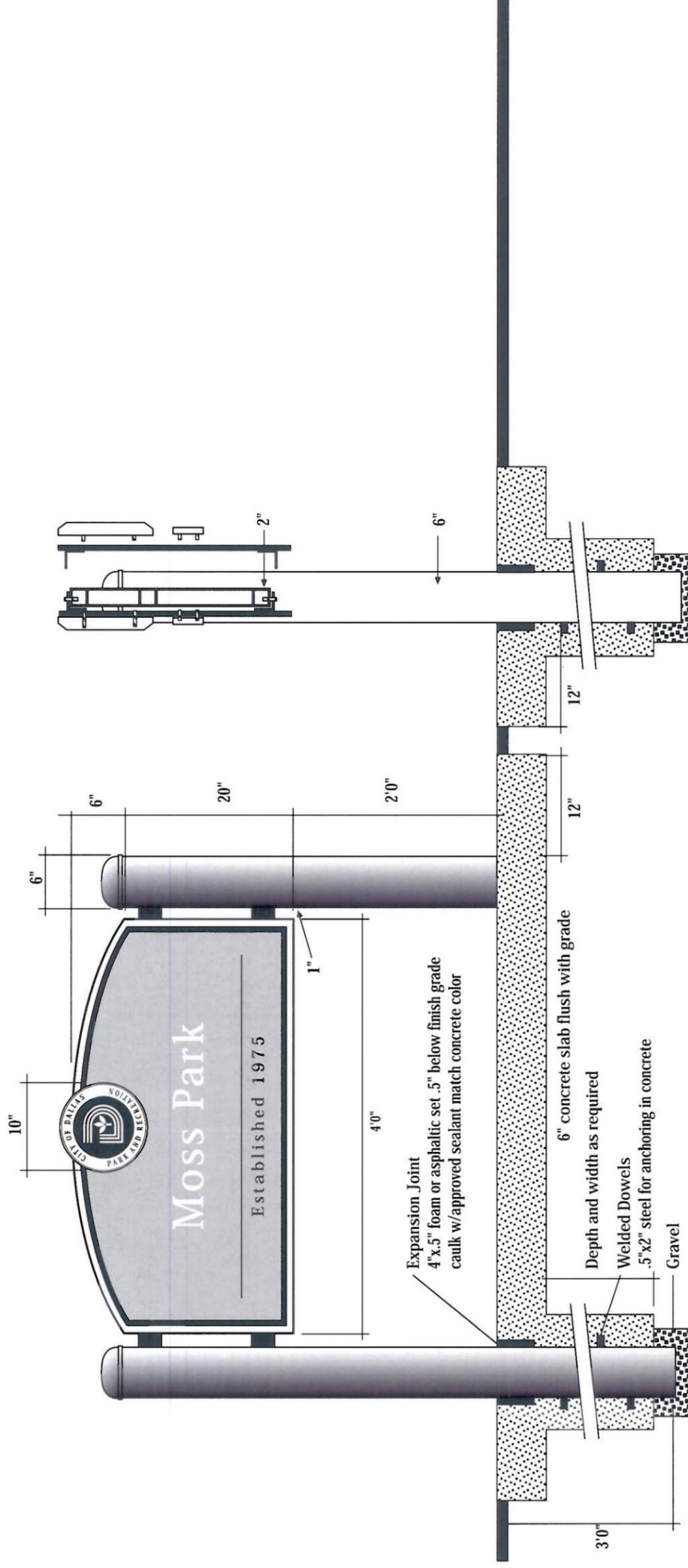
Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.



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Park Name (check one)

Individual .5" thick painted aluminum

Screen Print

City of Dallas Parks Secondary Park Identification - 4'0" Color Detail and Text Layout

Scale
.75"=1'0"

Material
Posts/6" dia. steel pipe
Supports/2" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est.& Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

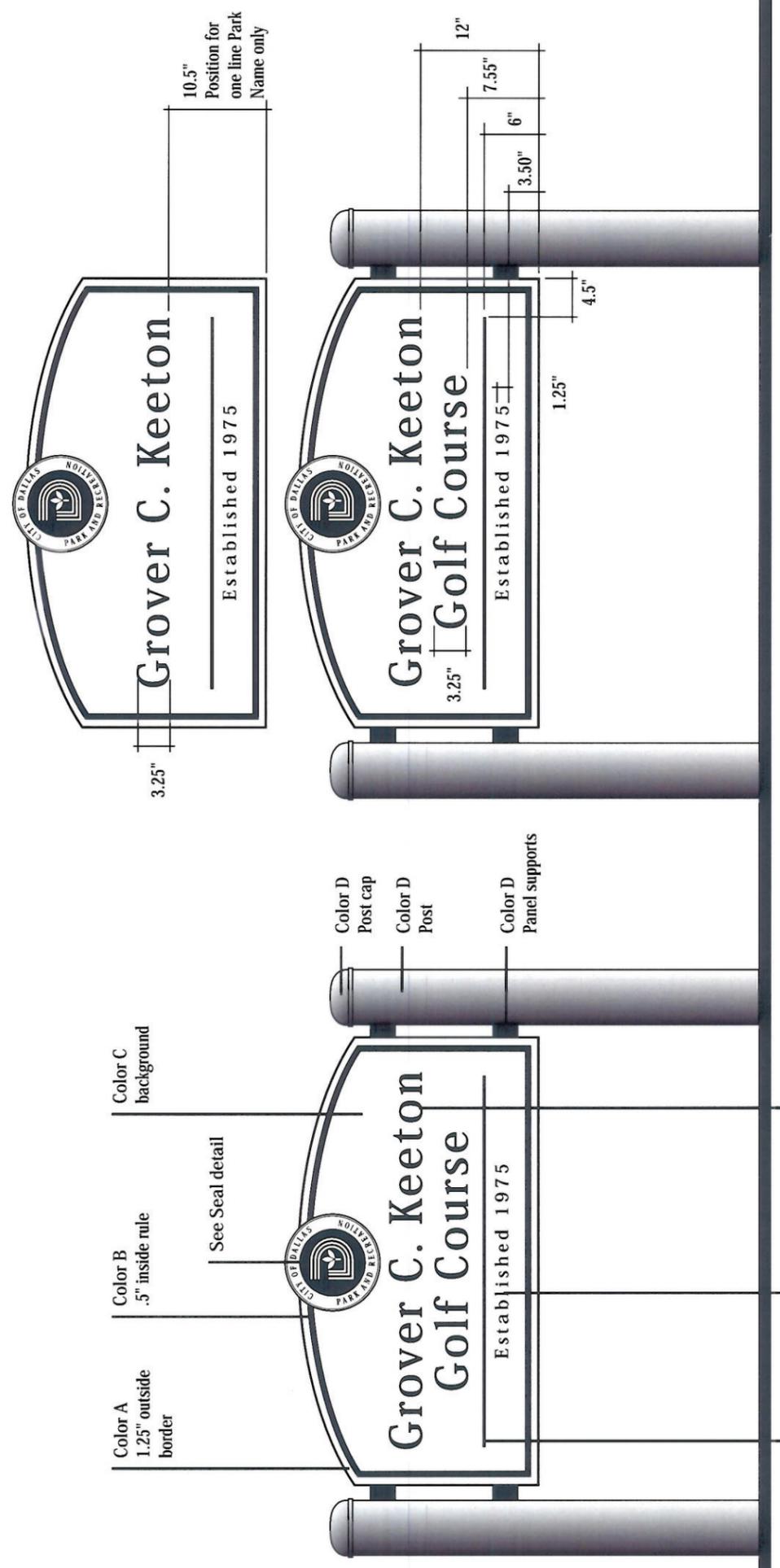
Type Fonts
Absolutely no font
substitutions. No camera
modifications: do not
condense or extend font to
"fill up space".

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.



Color Palette

Color A - Ben Moore HC-172, Revere Pewter
Color B - Ben Moore HC-49, Mayflower Red
Color C - Ben Moore 460 Base 3/C
Color D - Ben Moore Essex Green 43
Color E - Ben Moore Super White 02

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City of Dallas Parks Secondary Park Identification - 4'0" Support Structure

Scale
.75"=1'0"

Material
Posts/6" dia. steel pipe
Supports/2" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est.& Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

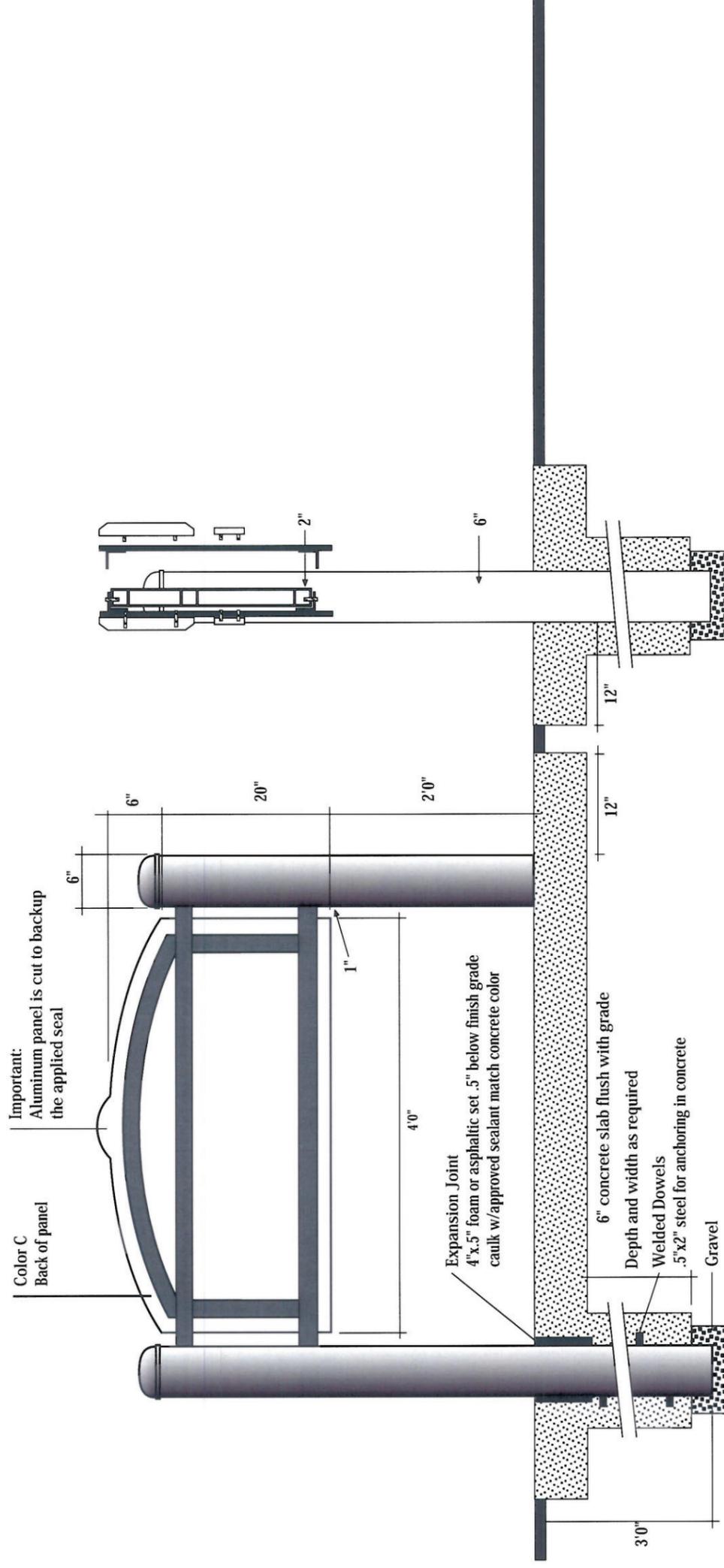
Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est.& Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.



Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PARK SIGN
DETAILS
4'-0" PANEL
SIZE

issue date
revisions

DETAIL S-5

Lighting Option (check one)

No lights

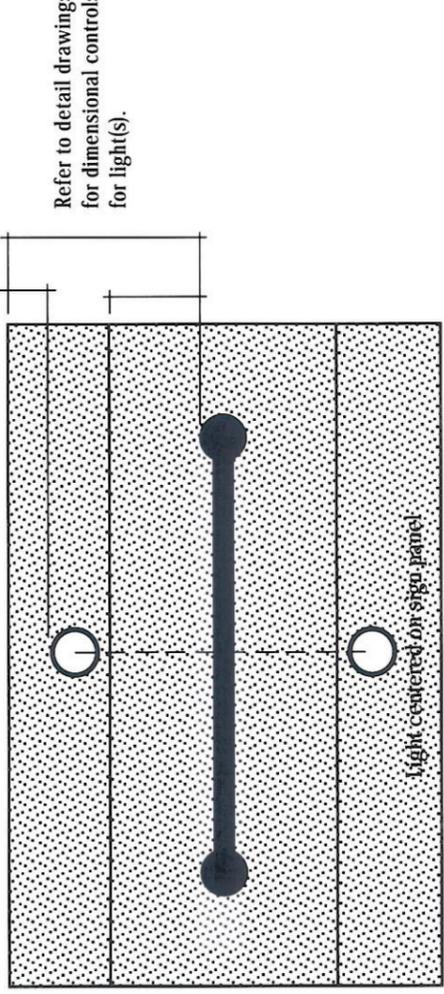
Front illumination (one side only)

Front and back illumination

City of Dallas Parks
Secondary Park Identification - 4'0" Slab and Lighting Details

Material
All materials must be non-corrosive.

Light Fixture Specs

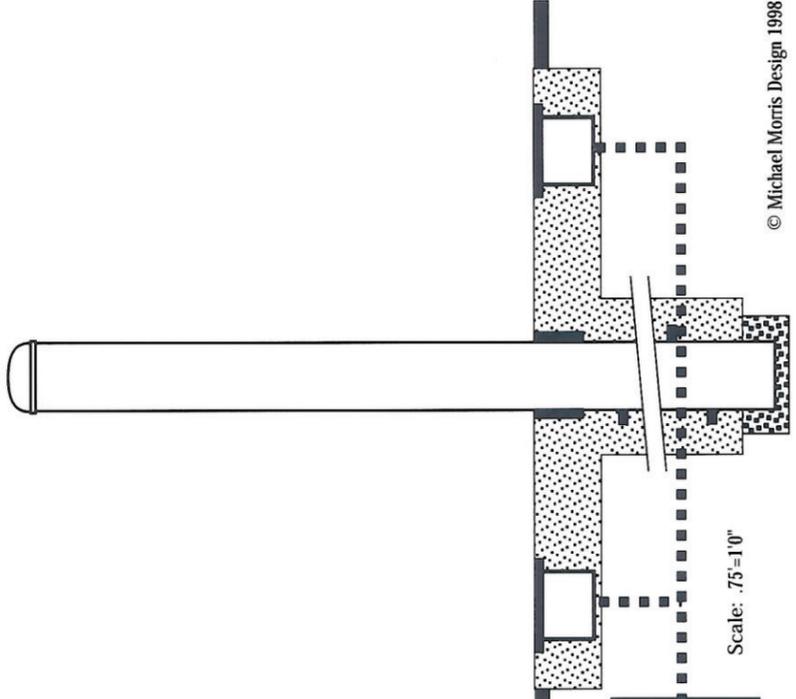


Hardware Finish
Rim/Anodized aluminum

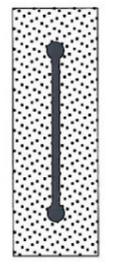
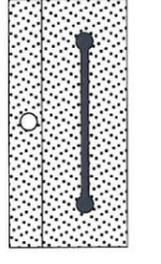
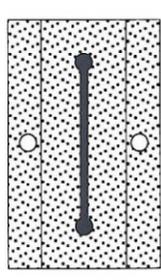
Installation
Fixture is recessed and set flush into slab. Fixture must be sealed from the elements.

Mounting and water sealing of fixture must follow guidelines provided by manufacturer.

Field verify exact locations and conditions.



Electrical run and hookup should be included in proposal. Site verify conditions prior to submission of cost estimates.



City of Dallas Parks Primary Park Identification - Seal Color and Profile Detail

Scale
.5"=1"

Quantity
See schedule

Sizes
4'0" Panel/10" seal
6'0" Panel/16" seal
8'0" Panel/18" seal
10'0" Panel/21" seal

Material
Seal/.75" polyester casting
with infused copper powder

Color
As shown

Finish
Metallic Face/Satin
Paint Fill/Satin

Installation
Seal secured to panel with
tamper resistant fasteners
and glue around perimeter.

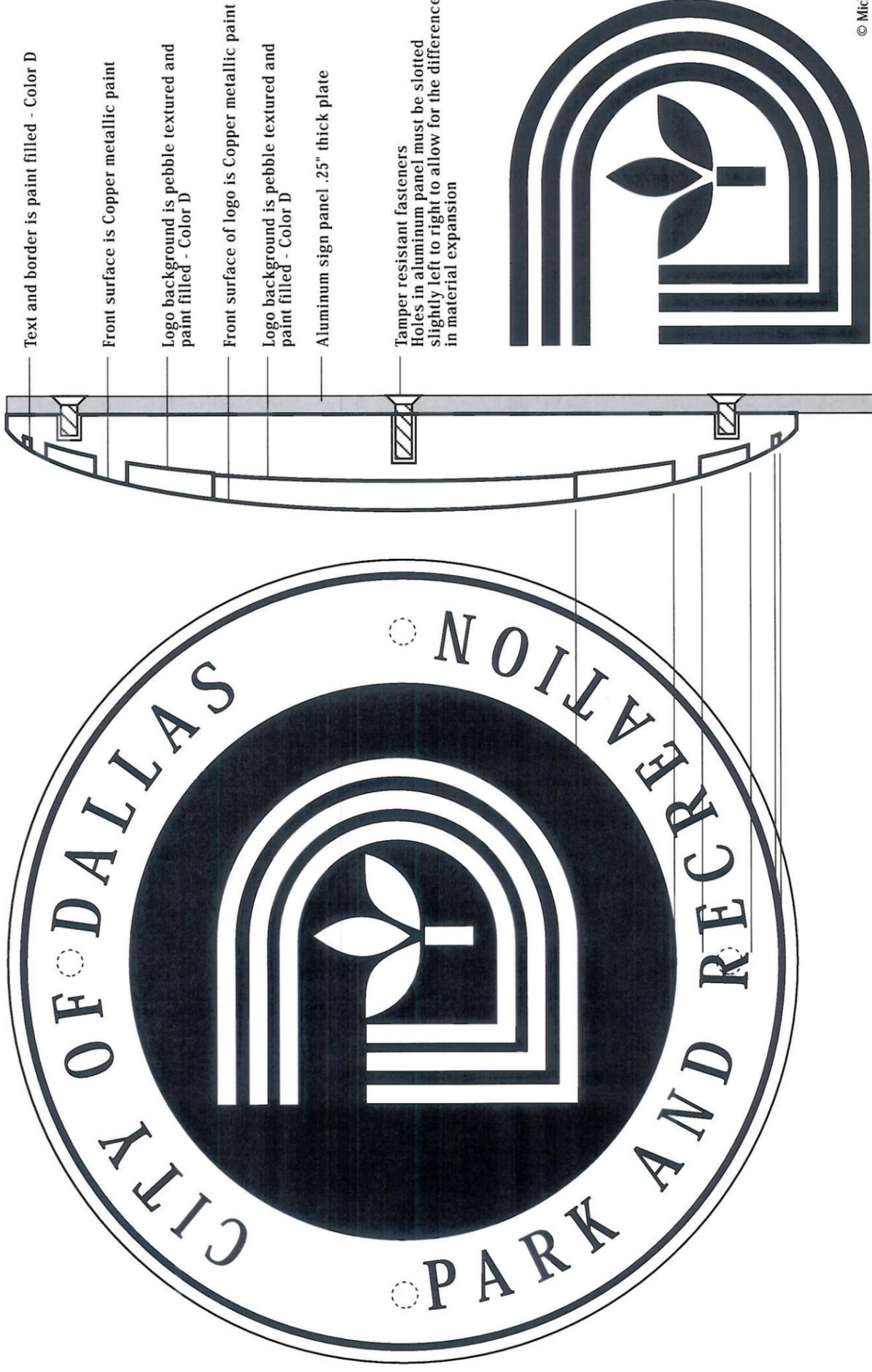
Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Seal Supplier
Luttman Brothers
15 South Main Street
Phoenixville, PA 19460
610 935-0920
610 983-9468 fax

Costs for molds (if needed)
must be included in your bid
estimate. If mold exists only
the costs for the castings
need to be included. Check
with Luttman to see if mold
exists prior to submitting
your bid.

City of Dallas retains all
rights to the seal molds
and they will be stored by
Luttman for production.



Text and border is paint filled - Color D

Front surface is Copper metallic paint

Logo background is pebble textured and
paint filled - Color D

Front surface of logo is Copper metallic paint

Logo background is pebble textured and
paint filled - Color D

Aluminum sign panel .25" thick plate

Tamper resistant fasteners
Holes in aluminum panel must be slotted
slightly left to right to allow for the difference
in material expansion

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Department of
Park and Recreation



City of Dallas
Texas

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desig:
drawn:
approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details

PARK SIGN
DETAILS
4'-0" PANEL
SIZE

issue date

revisions

DETAIL S-6

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
**PARK SIGN
DETAILS**
**6'-0" PANEL
SIZE**

issue date _____

revisions _____

DETAIL S-7

City of Dallas Park and Recreation Department

Primary Park Identification

6'0"

Park Name (check one)

Individual .5" thick painted aluminum

Screen Print

Post Option (check one)

Steel Post

Concrete Sonotube

Brick w/cast stone base and cap

Stucco w/cast stone cap

Lighting Option (check one)

No lights

Front illumination (one side only)

Front and back illumination

	Quantity
Name of Park Line 1 _____	
Line 2 _____	
Established _____	
Other message _____	
Location _____	

City of Dallas Parks Primary Park Identification - 6'0"

Scale
.75"=1'0"

Material
Posts/9" dia. steel pipe
Supports/3" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete footing. Text and seal secured to panel with tamper resistant fasteners.

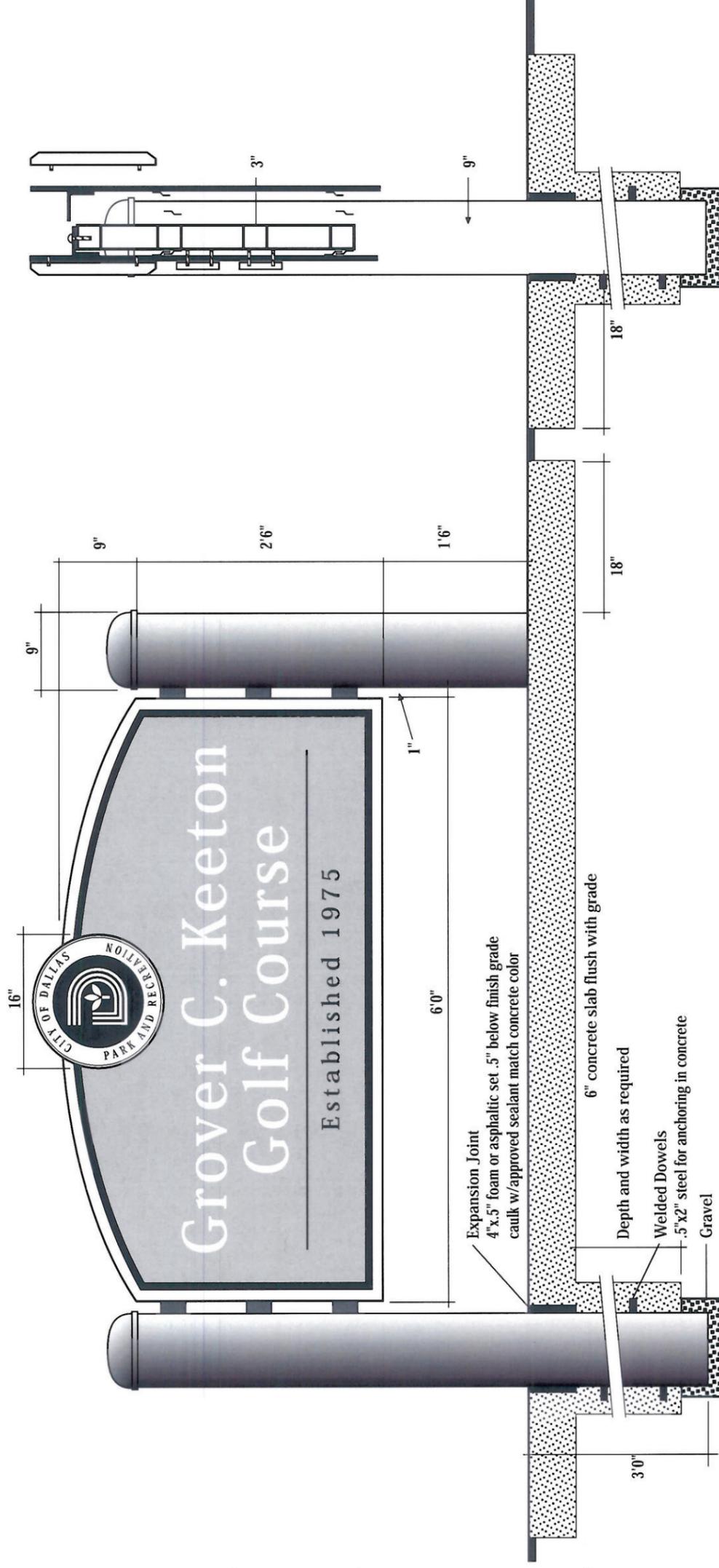
Panel mounts to horizontal supports with continuous z-clips seam welded to back of panel.

Use disk supplied by designer for color, scale etc.

Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.



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City of Dallas Parks Primary Park Identification - 6'0" Color Detail and Text Layout

Park Name (check one)

Individual .5" thick painted aluminum

Screen Print

Scale
.75"=1'0"

Material
Posts/9" dia. steel pipe
Supports/3" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Type Fonts
Absolutely no font
substitutions. No camera
modifications: do not
condense or extend font to
"fill up space".

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

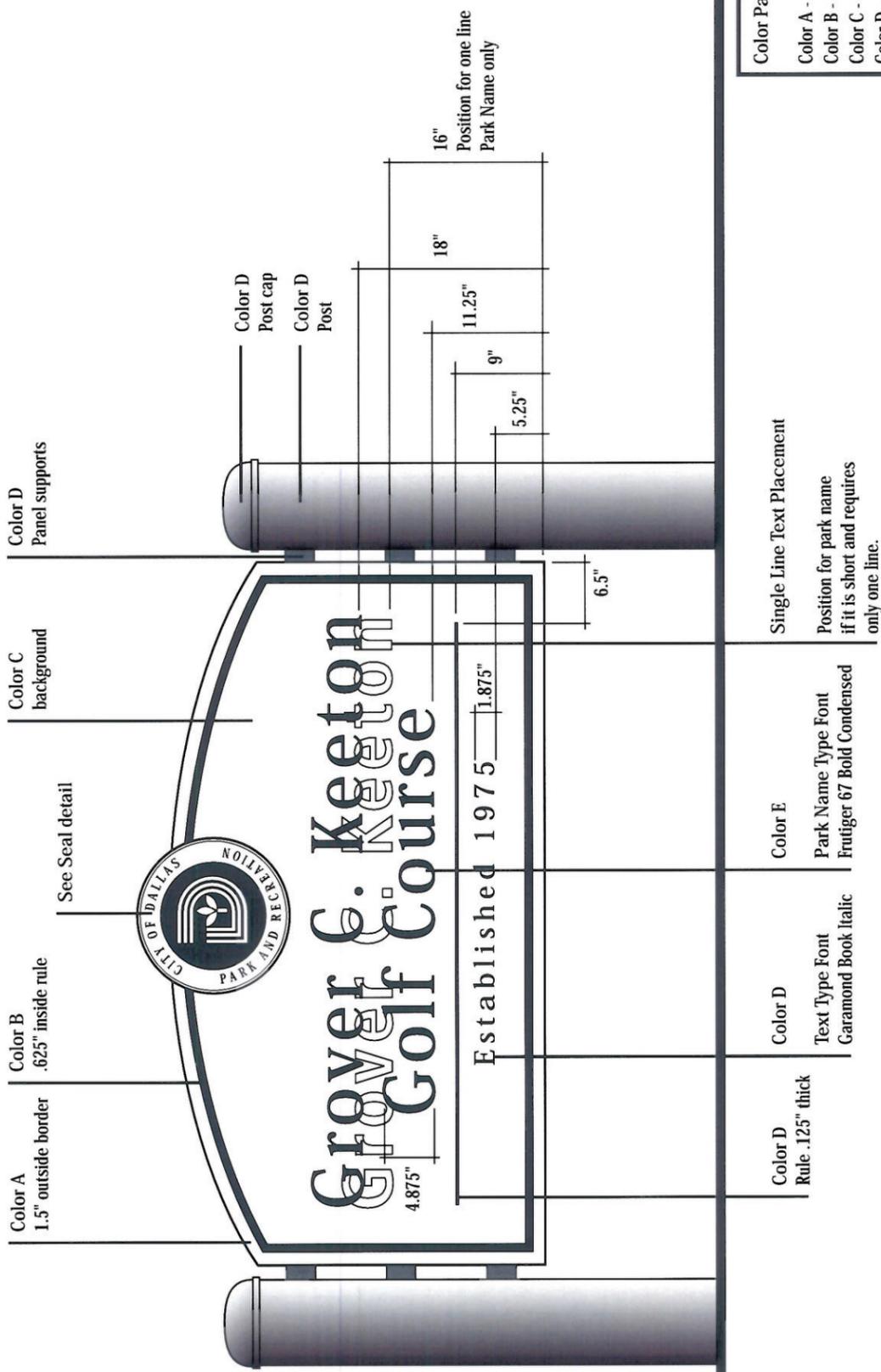
Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown
are typical but not appropriate
for all locations and sites.



Color Palette

Color A - Ben Moore HC-172, Revere Pewter
Color B - Ben Moore HC-49, Mayflower Red
Color C - Ben Moore 460 Base 3/C
Color D - Ben Moore Essex Green 43
Color E - Ben Moore Super White 02

© Michael Morris Design 1998

Color D
Rule .125" thick

Color D
Text Type Font
Garamond Book Italic

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Single Line Text Placement
Position for park name
if it is short and requires
only one line.

City of Dallas Parks Primary Park Identification - 6'0" Support Structure

Scale
.75"=1'0"

Material
Posts/9" dia. steel pipe
Supports/3" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est.& Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal secured
to panel with tamper
resistant fasteners.

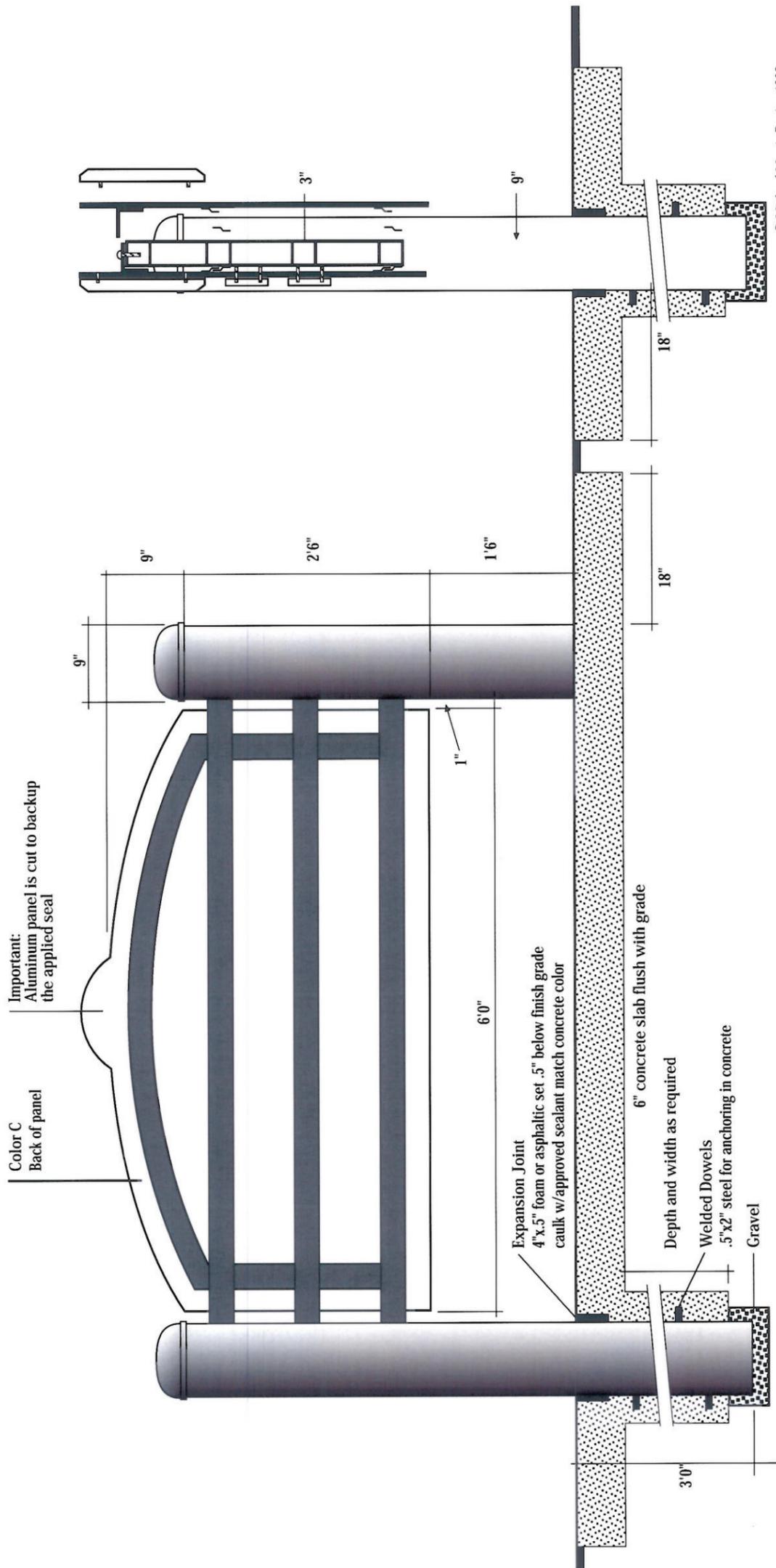
Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by designer
for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown are
typical but not appropriate for
all locations and sites.



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City of Dallas Parks Primary Park Identification - 6'0" Post Options

Scale
.75"=1'0"

Quantity/Posts
Steel/9" dia.
Sonotube/9" dia.
Brick/10" sq. est.

Post Color
Steel/Paint
Sonotube/Natural
Brick/Varies

Post Finish
Steel/Satin
Sonotube/Polished
Brick/Varies

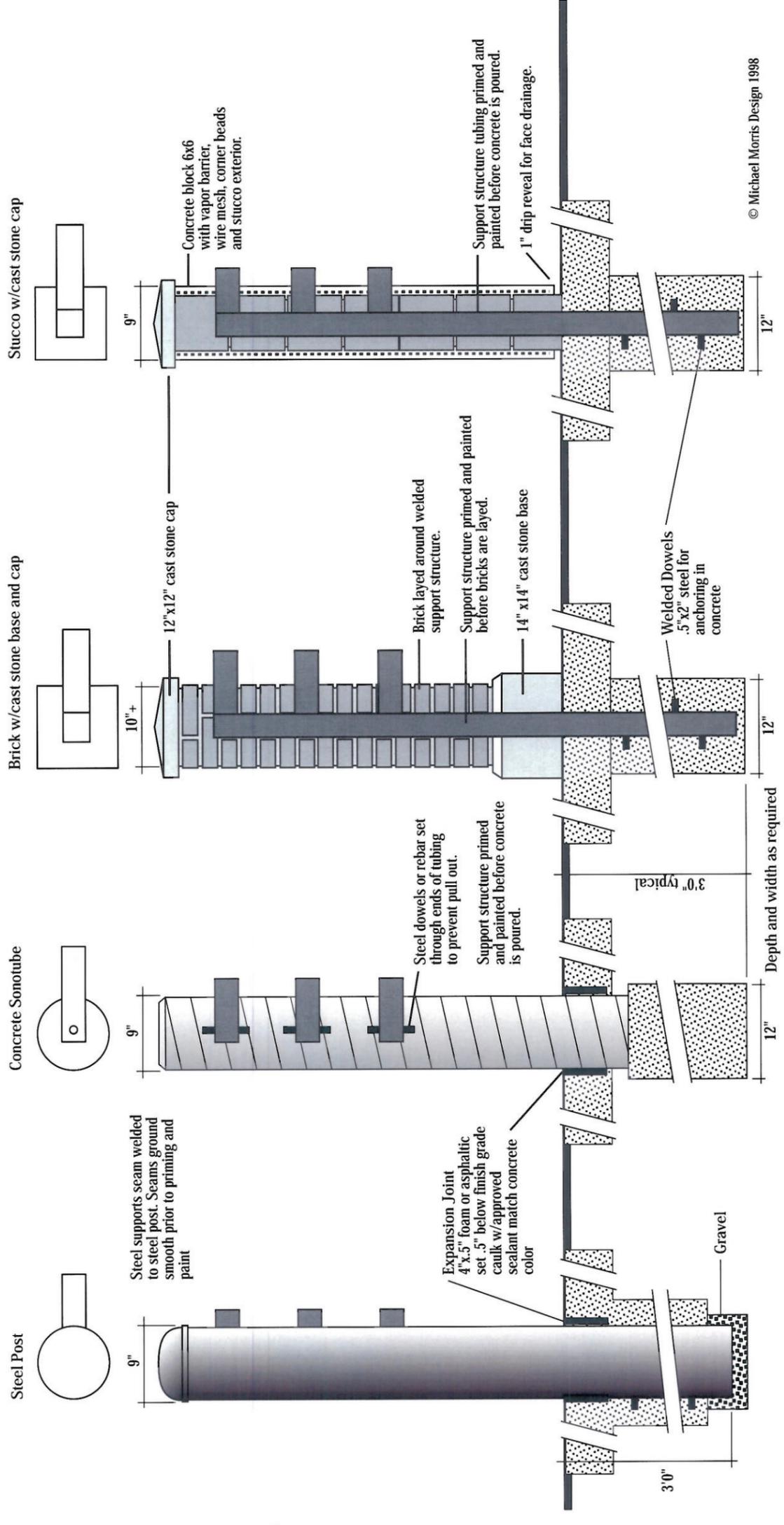
Installation
Posts secured with concrete
footing and/or foundation.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown
are typical but not appropriate
for all locations and sites.

- Post Option (check one)
- Steel Post
 - Concrete Sonotube
 - Brick w/cast stone base and cap
 - Stucco w/cast stone cap



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City of Dallas Parks Secondary Park Identification - 6'0" Slab and Lighting Details

- Lighting Option (check one)
- No lights
 - Front illumination (one side only)
 - Front and back illumination

Material
All materials must be non-corrosive.

Light Fixture Specs
See enclosed spec sheet

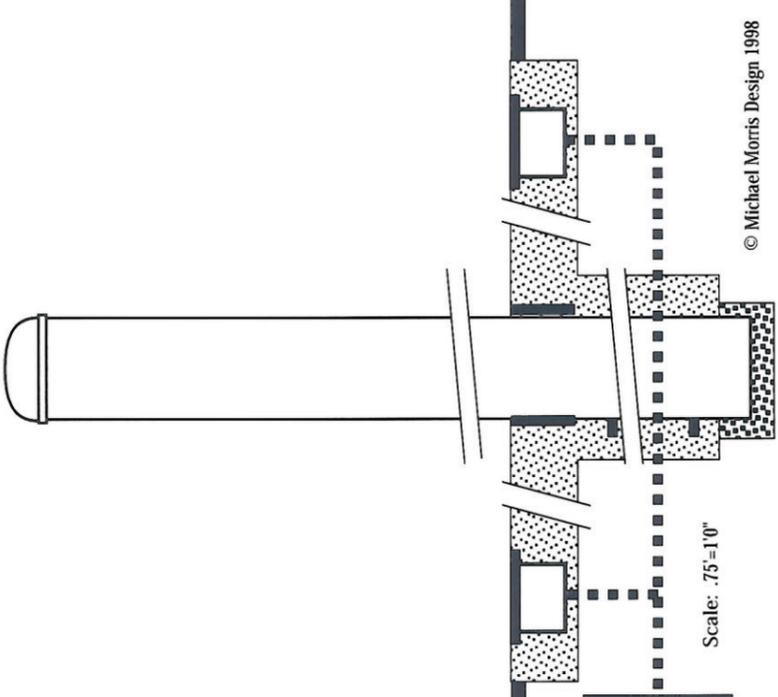
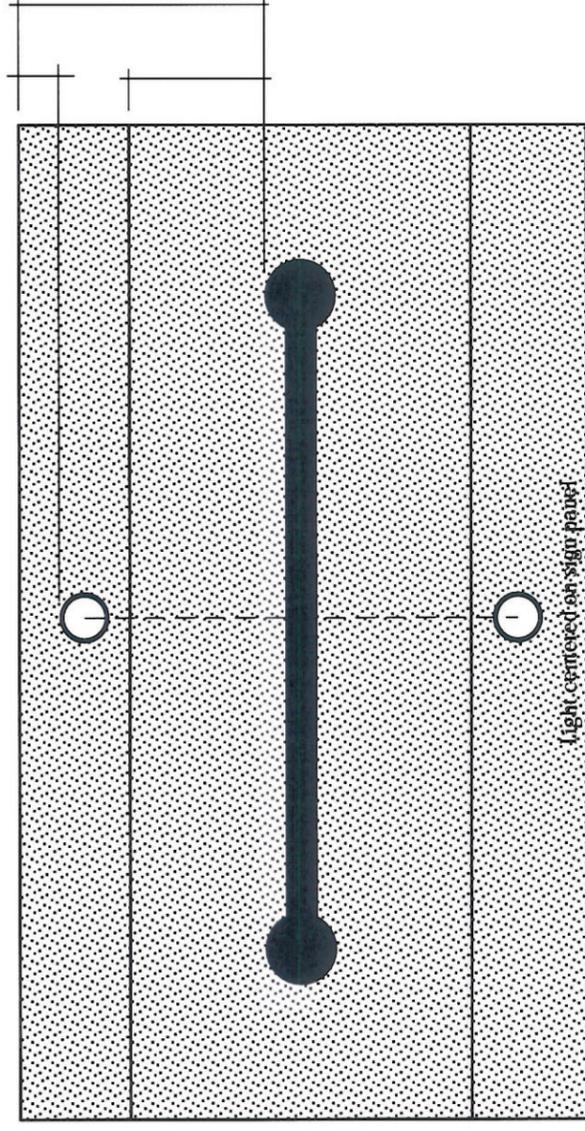
Installation
Fixture is recessed and set flush into slab. Fixture must be sealed from the elements.

Mounting and water sealing of fixture must follow guidelines provided by manufacturer.

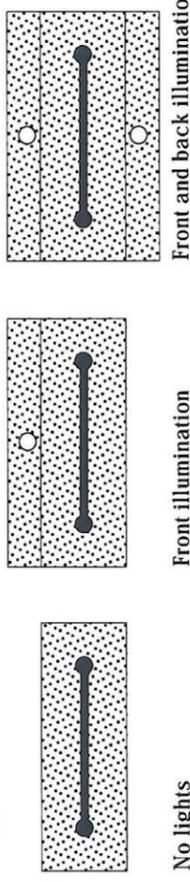
Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.



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Electrical run and hookup should be included in proposal. Site verify conditions prior to submission of cost estimates.

City of Dallas Parks Primary Park Identification - Seal Color and Profile Detail

Scale
5"=1"

Quantity
See schedule

Sizes
4'0" Panel/10" seal
6'0" Panel/16" seal
8'0" Panel/18" seal
10'0" Panel/21" seal

Material
Seal/.75" polyester casting
with infused copper powder

Color
As shown

Finish
Metallic Face/Satin
Paint Fill/Satin

Installation
Seal secured to panel with
tamper resistant fasteners
and glue around perimeter.

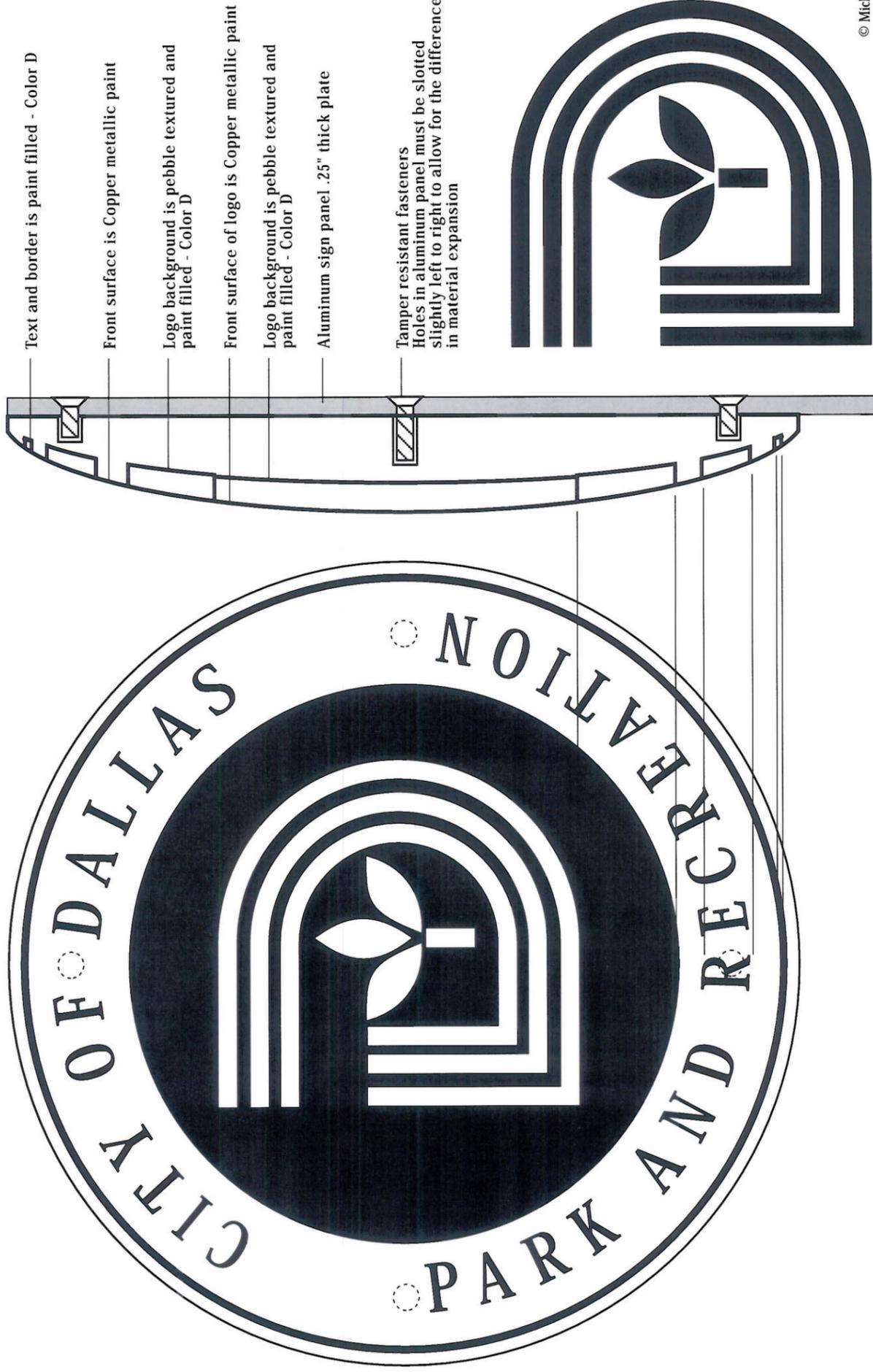
Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Seal Supplier
Luttman Brothers
15 South Main Street
Phoenixville, PA 19460
610 935-0920
610 983-9468 fax

Costs for molds (if needed)
must be included in your bid
estimate. If mold exists only
the costs for the castings
need to be included. Check
with Luttman to see if mold
exists prior to submitting
your bid.

City of Dallas retains all
rights to the seal molds
and they will be stored by
Luttman for production.



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Department of
Park and Recreation



City of Dallas
Texas

scale:
dsnd:
drawn:
approved:

Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
PARK SIGN
DETAILS
6'-0" PANEL
SIZE

issue date

revisions

DETAIL S-13

City of Dallas Park and Recreation Department

Primary Park Identification

8'0"

- Park Name (check one)

Individual .5" thick painted aluminum

Screen Print
- Post Option (check one)

Steel Post

Concrete Sonotube

Brick w/cast stone base and cap

Stucco w/cast stone cap
- Lighting Option (check one)

No lights

Front illumination (one side only)

Front and back illumination

Name of Park Line 1 _____		Quantity
Line 2 _____		
Established _____		
Other message _____		
Location _____		

Park Name (check one)
 Individual .5" thick painted aluminum
 Screen Print

City of Dallas Parks Primary Park Identification - 8'0" Color Detail and Text Layout

Scale
.75"=1'0"

Material
Posts/Varies
Supports/Steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen print
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Type Fonts
Absolutely no font
substitutions. No camera
modifications: do not
condense or extend font to
"fill up space".

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

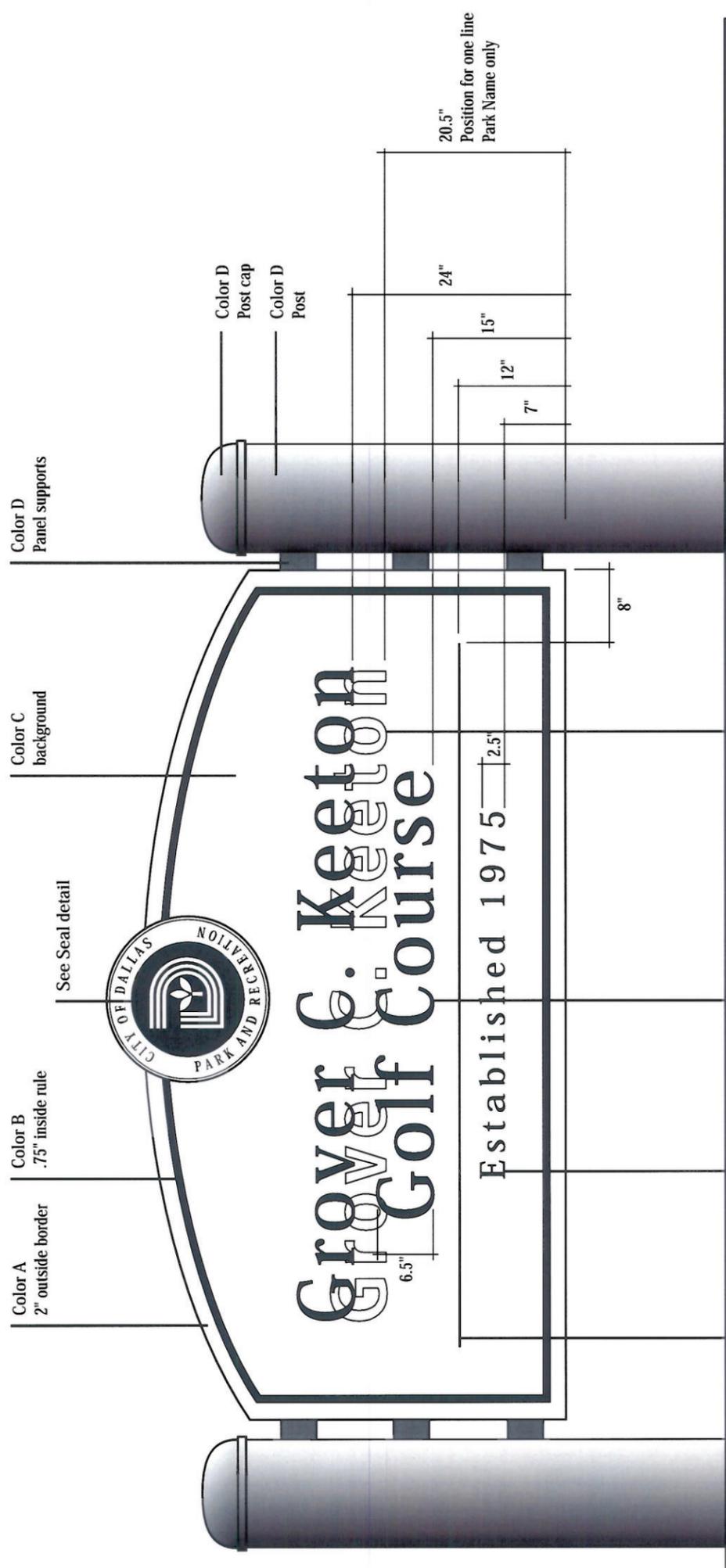
Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown
are typical but not appropriate
for all locations and sites.



Color Palette
Color A - Ben Moore HC-172, Revere Pewter
Color B - Ben Moore HC-49, Mayflower Red
Color C - Ben Moore 460 Base 3/C
Color D - Ben Moore Essex Green 43
Color E - Ben Moore Super White 02

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Color D
Panel supports

Color C
background

Color B
.75" inside rule

Color A
2" outside border

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Color D
Text Type Font
Garamond Book Italic

Color D
Rule .125" thick

Single Line Text Placement
Position for park name
if it is short and requires
only one line.

Color D
Rule .125" thick

Color D
Text Type Font
Garamond Book Italic

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Scale
.75"=1'0"

Material
Posts/12" dia. steel pipe
Supports/3" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with tamper
resistant fasteners.

Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

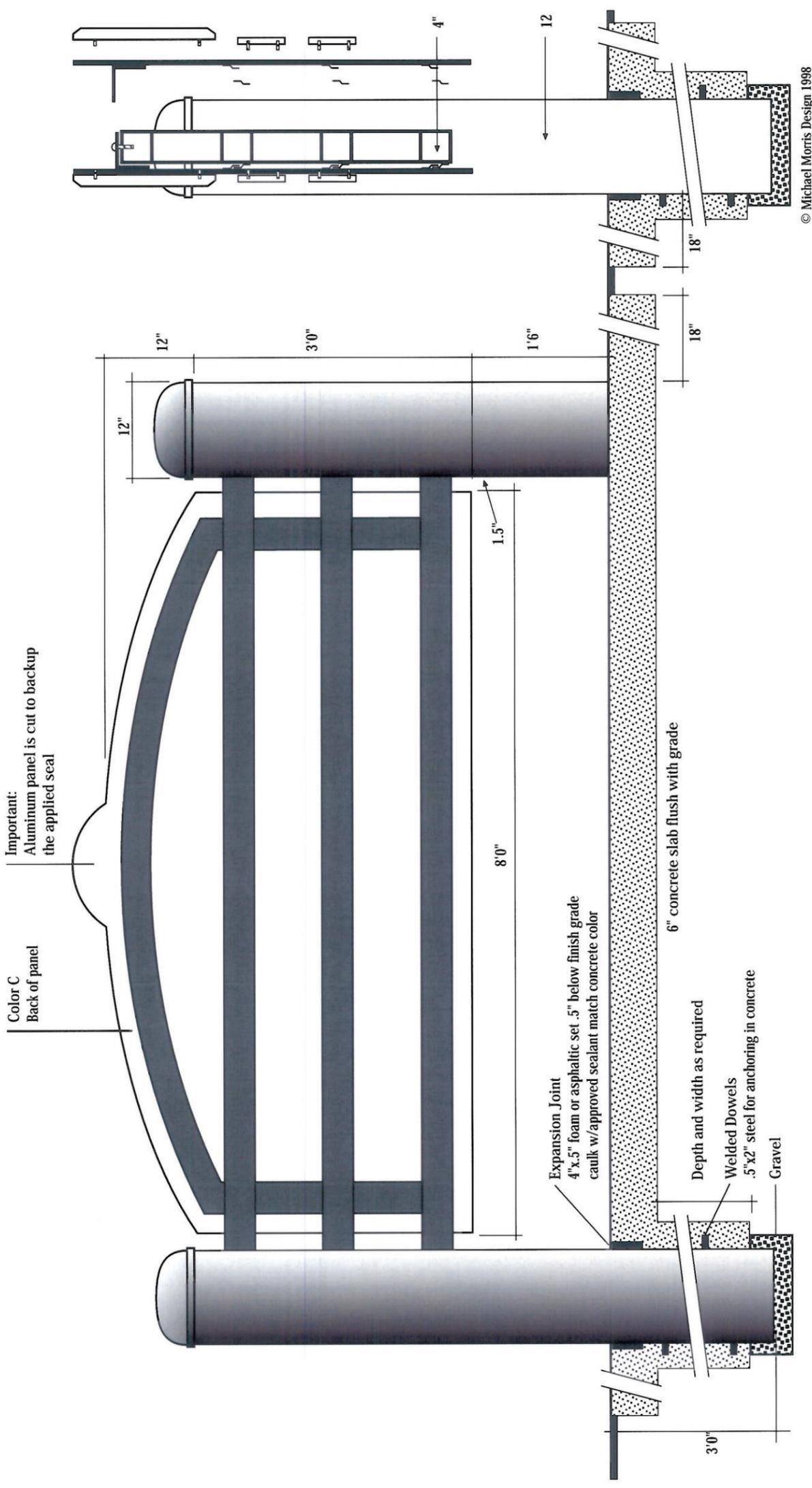
Use disk supplied by designer
for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown are
typical but not appropriate for
all locations and sites.

City of Dallas Parks Primary Park Identification - 8'0" Support Structure



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Scale
.75"=1'0"

Quantity/Posts
Steel/12" dia.
Sonotube/12" dia.
Brick/12" sq. est.

Post Color
Steel/Paint
Sonotube/Natural
Brick/Varies

Post Finish
Steel/Satin
Sonotube/Polished
Brick/Varies

Installation
Posts secured with concrete
footing and/or foundation.

Field verify exact locations
and conditions.

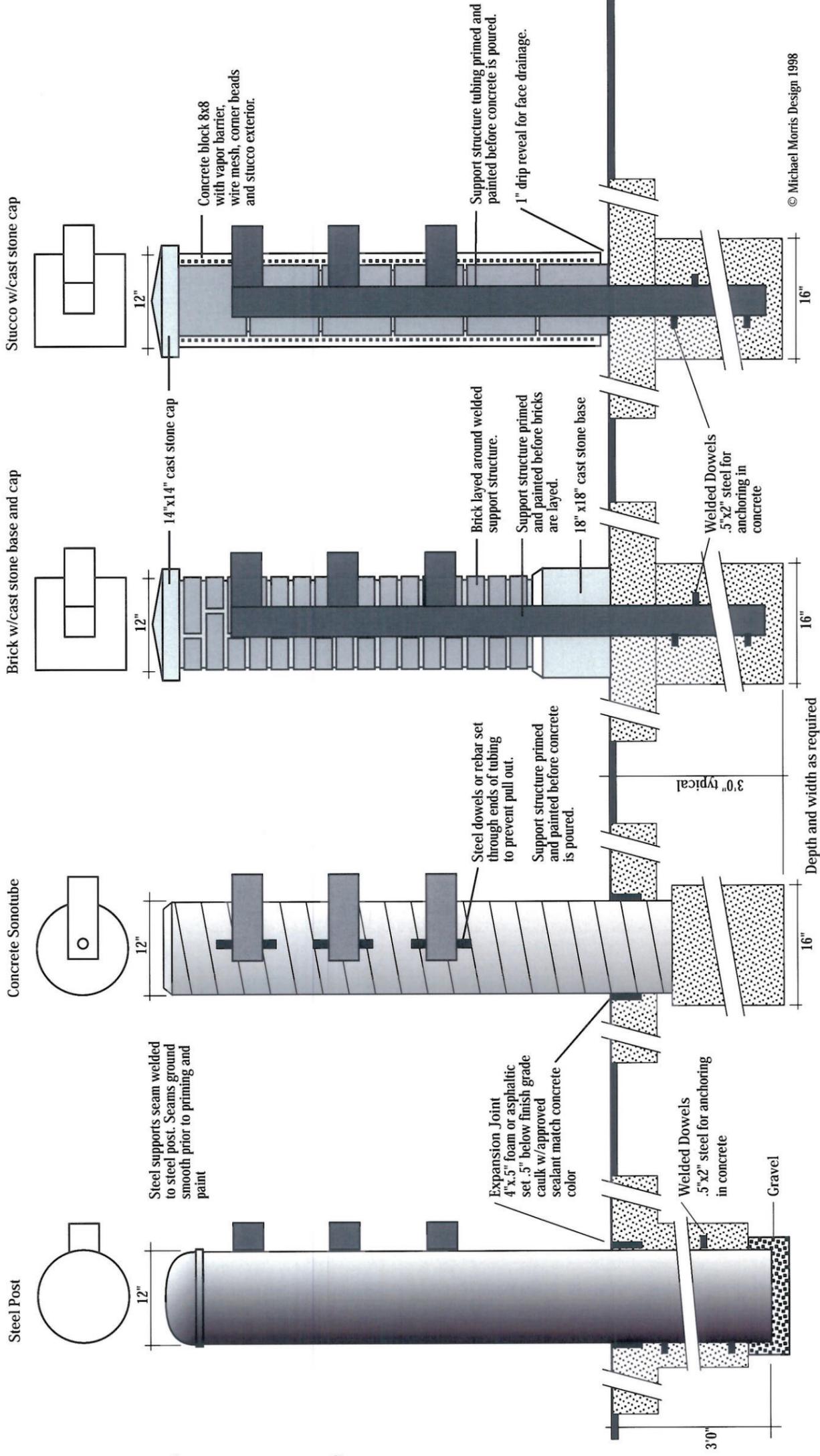
Foundation details to be
determined on each site.

Installation details shown
are typical but not appropriate
for all locations and sites.

City of Dallas Parks Primary Park Identification - 8'0" Post Options

Post Option (check one)

- Steel Post
- Concrete Sonotube
- Brick w/cast stone base and cap
- Stucco w/cast stone cap



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- Lighting Option (check one)
- No lights
 - Front illumination (one side only)
 - Front and back illumination

City of Dallas Parks Secondary Park Identification - 8'0" Slab and Lighting Details

Material
All materials must be non-corrosive.

Light Fixture Specs
See enclosed spec sheet

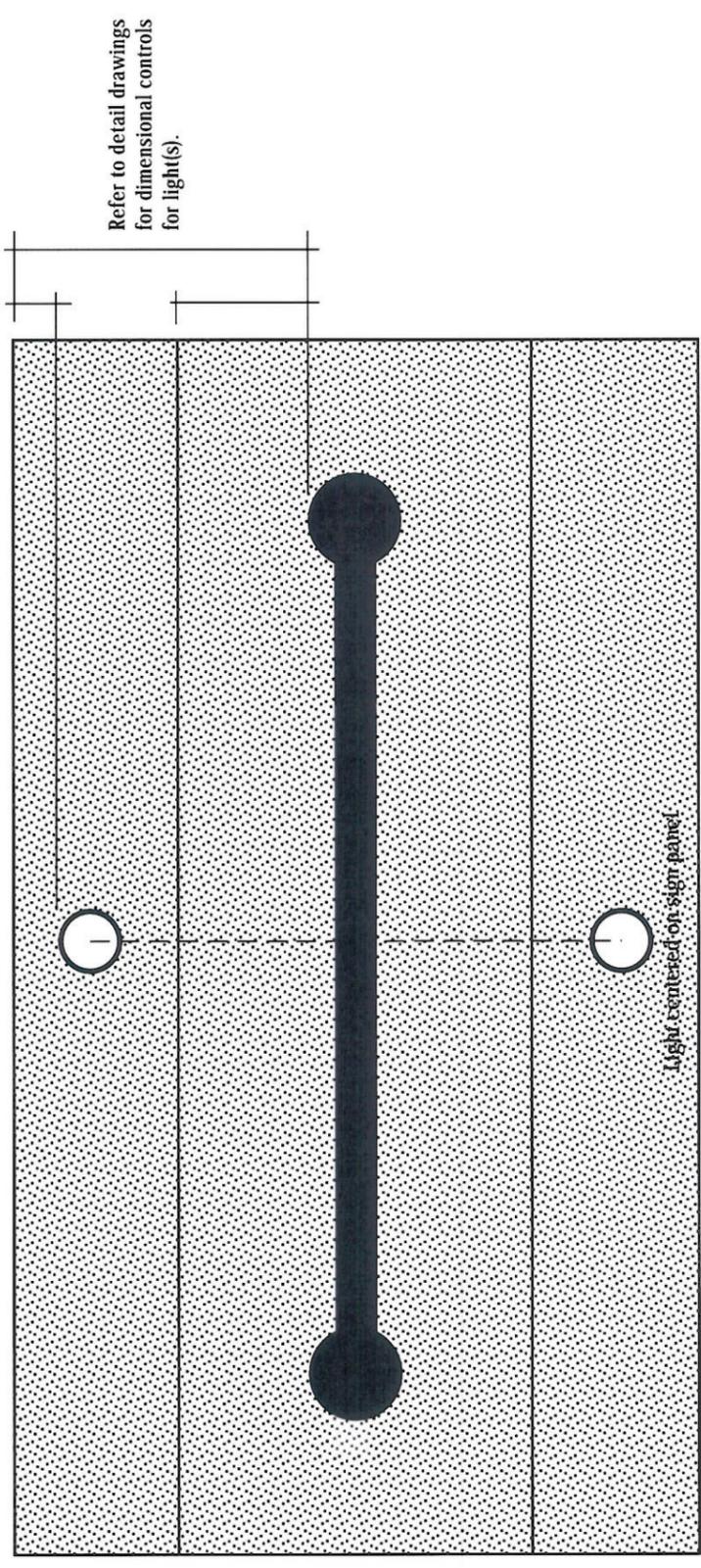
Installation
Fixture is recessed and set flush into slab. Fixture must be sealed from the elements.

Mounting and water sealing of fixture must follow guidelines provided by manufacturer.

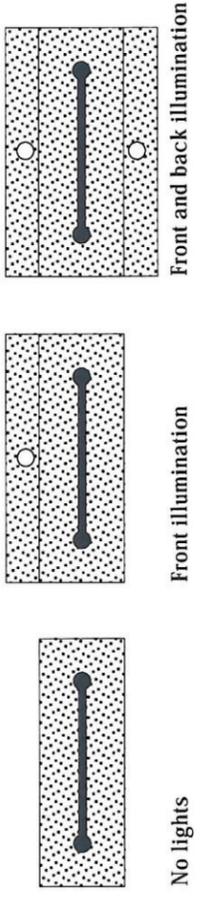
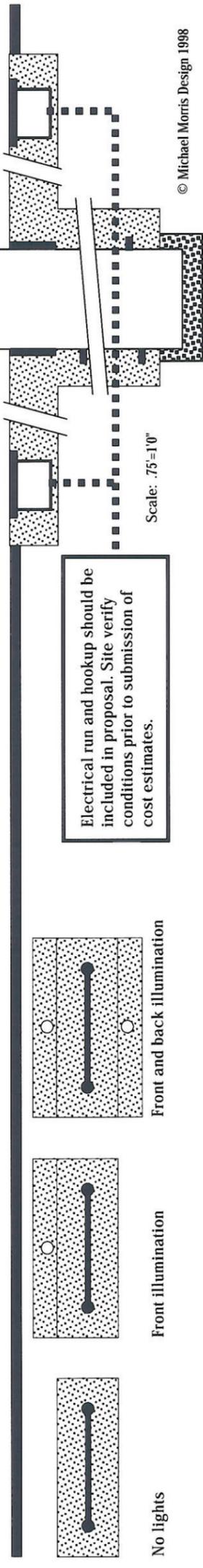
Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.



Scale: .5"=1'0"



Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
**PARK SIGN
DETAILS**
**8'-0" PANEL
SIZE**

issue date	_____
revisions	_____
_____	_____
_____	_____
_____	_____
_____	_____

DETAIL S-20

**City of Dallas Parks
Primary Park Identification - Seal Color and Profile Detail**

Scale
.5"=1"

Quantity
See schedule

Sizes
4'0" Panel/10" seal
6'0" Panel/16" seal
8'0" Panel/18" seal
10'0" Panel/21" seal

Material
Seal/75" polyester casting
with infused copper powder

Color
As shown

Finish
Metallic Face/Satin
Paint Fill/Satin

Installation
Seal secured to panel with
tamper resistant fasteners
and glue around perimeter.

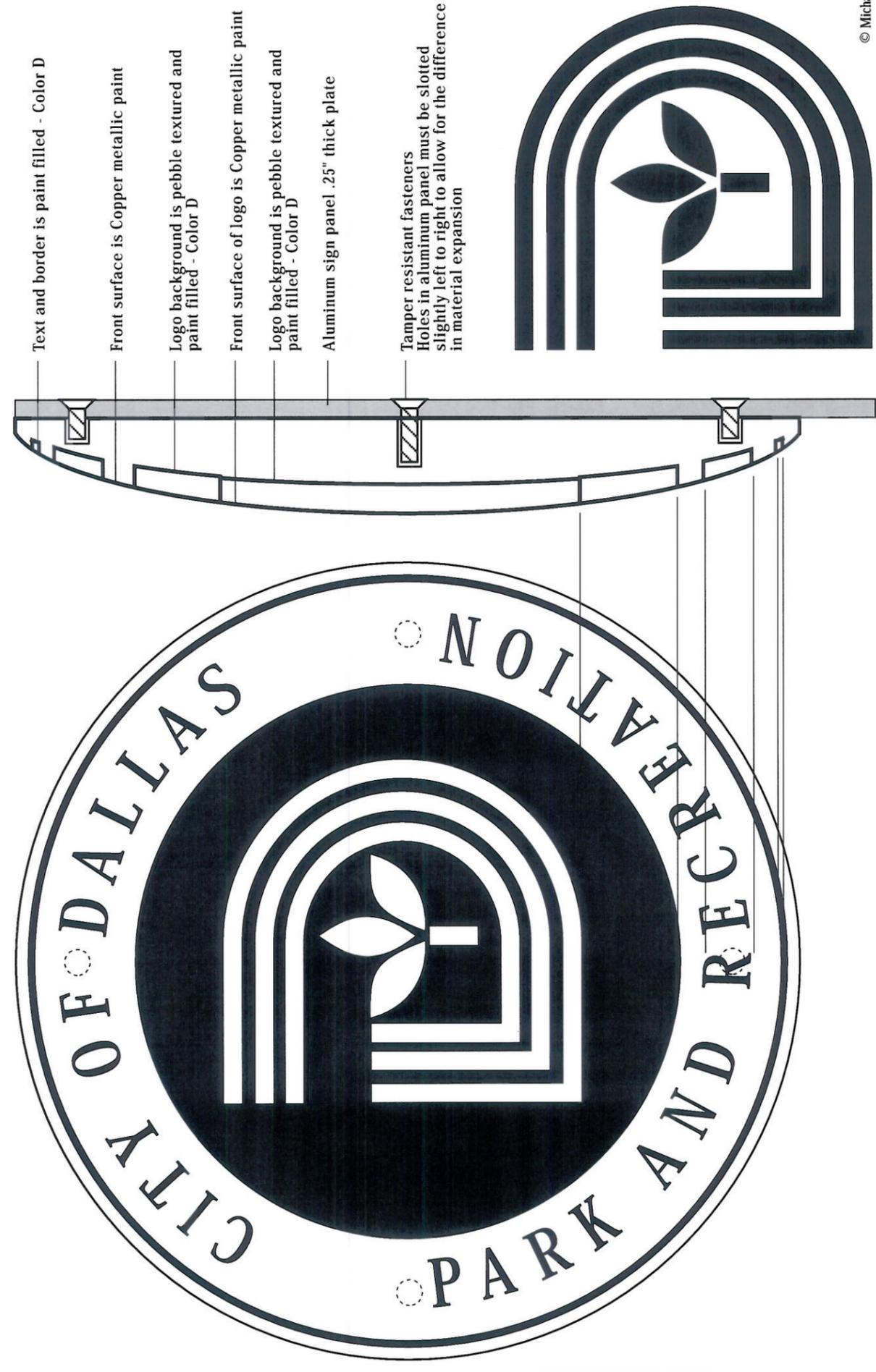
Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Seal Supplier
Luttman Brothers
15 South Main Street
Phoenixville, PA 19460
610 935-0920
610 983-9468 fax

Costs for molds (if needed)
must be included in your bid
estimate. If mold exists only
the costs for the castings
need to be included. Check
with Luttman to see if mold
exists prior to submitting
your bid.

City of Dallas retains all
rights to the seal molds
and they will be stored by
Luttman for production.



Standard Construction Details
for
City of Dallas
Park and Recreation Department

Typical Construction Details
**PARK SIGN
DETAILS**
**10'-0" PANEL
SIZE**

issue date _____

revisions _____

DETAIL S-21

City of Dallas Park and Recreation Department

Primary Park Identification

10'0"

Park Name (check one)

Individual .5" thick painted aluminum

Screen Print

Post Option (check one)

Steel Post (see construction drawing)

Concrete Sonotube

Brick w/caststone base and cap

Stone w/caststone base and cap

Stucco w/cast stone cap

Lighting Option (check one)

No lights

Front illumination (one side only)

Front and back illumination

	Quantity
Name of Park Line 1 _____	
Line 2 _____	
Established _____	
Other message _____	
Location _____	

City of Dallas Parks Primary Park Identification - 10'0"

Scale
.75"=10"

Material
Posts/15" dia. steel pipe
Supports/4" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all
sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal
secured to panel with
tamper resistant fasteners.

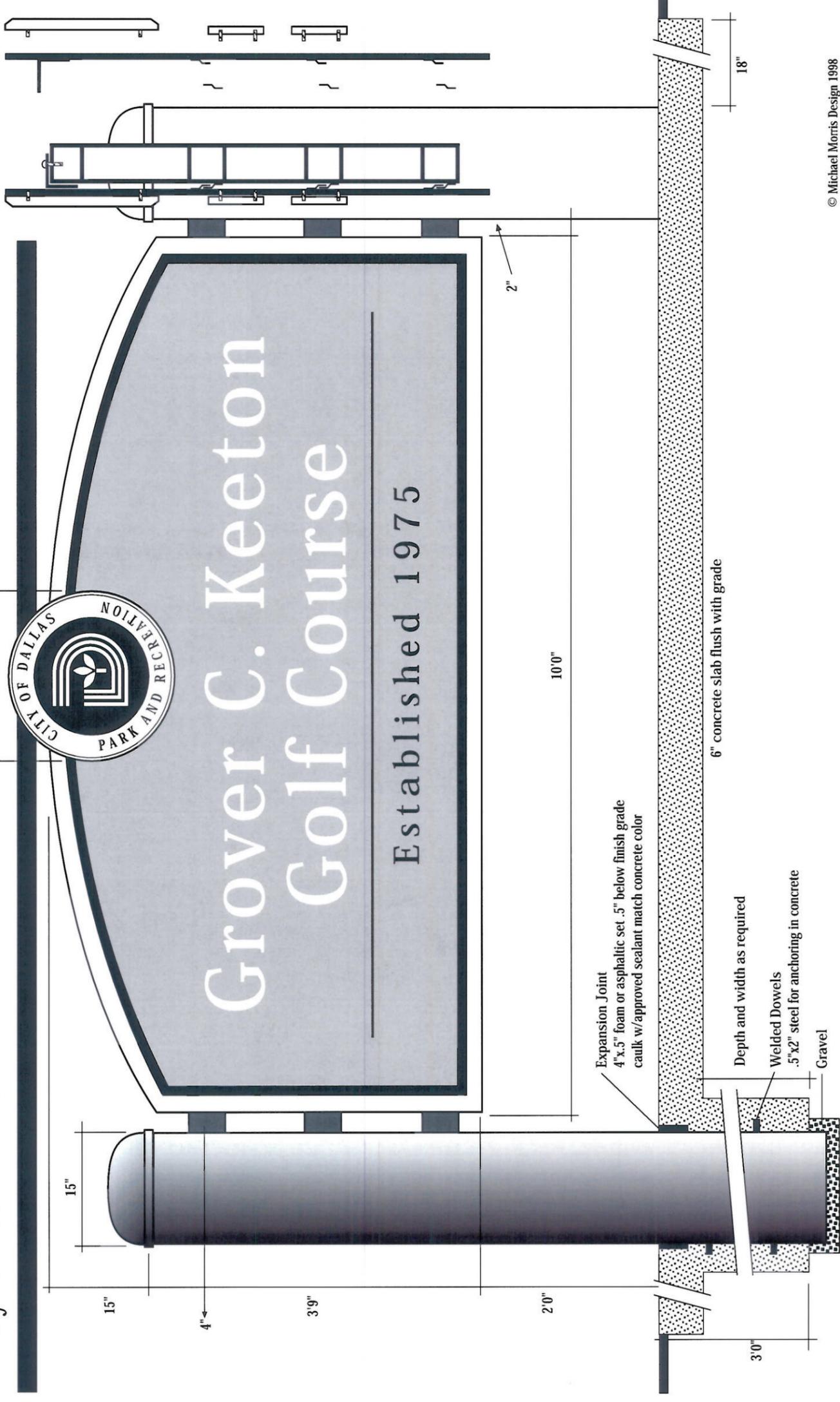
Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by
designer for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown
are typical but not appropriate
for all locations and sites.



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Park Name (check one)
 Individual .5" thick painted aluminum
 Screen Print

City of Dallas Parks
Primary Park Identification - 10'0" Color Detail and Text Layout

Scale
.75"=1'0"

Material
Posts/15" dia. steel pipe
Supports/4" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all sizes.
Paint is Matthews Acrylic
Polyurethane over
recommended primer.

Type Fonts
Absolutely no font
substitutions. No camera
modifications: do not
condense or extend font to
"fill up space".

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete
footing. Text and seal secured
to panel with tamper
resistant fasteners.

Panel mounts to horizontal
supports with continuous
z-clips seam welded to back
of panel.

Use disk supplied by designer
for color, scale etc.

Field verify exact locations
and conditions.

Foundation details to be
determined on each site.

Installation details shown are
typical but not appropriate for
all locations and sites.



Color Palette
Color A - Ben Moore HC-172, Revere Pewter
Color B - Ben Moore HC-49, Mayflower Red
Color C - Ben Moore 460 Base 3/C
Color D - Ben Moore Essex Green 43
Color E - Ben Moore Super White 02

Single Line Text Placement
Position for park name
if it is short and requires
only one line.

Color E
Park Name Type Font
Frutiger 67 Bold Condensed

Color D
Text Type Font
Garamond Book Italic

Color D
Rule .125" thick

City of Dallas Parks

Primary Park Identification - 10'0" Support Structure

Scale
.75"=1'0"

Material
Posts/15" dia. steel pipe
Supports/4" sq. steel tube
Panel/.25" aluminum
Seal/.75" casting
Park Name/.5" aluminum
or screen prints
Est. & Rule/Screen Print

Color
As shown on Color Detail
Colors are typical for all sizes.
Paint is Matthews Acrylic Polyurethane over recommended primer.

Finish
Posts/Satin
Supports/Satin
Panel/Satin
Seal/Gloss
Park Name/Gloss
Est. & Rule/Gloss

Installation
Posts secured with concrete footing. Text and seal secured to panel with tamper resistant fasteners.

Panel mounts to horizontal supports with continuous z-clips seam welded to back of panel.

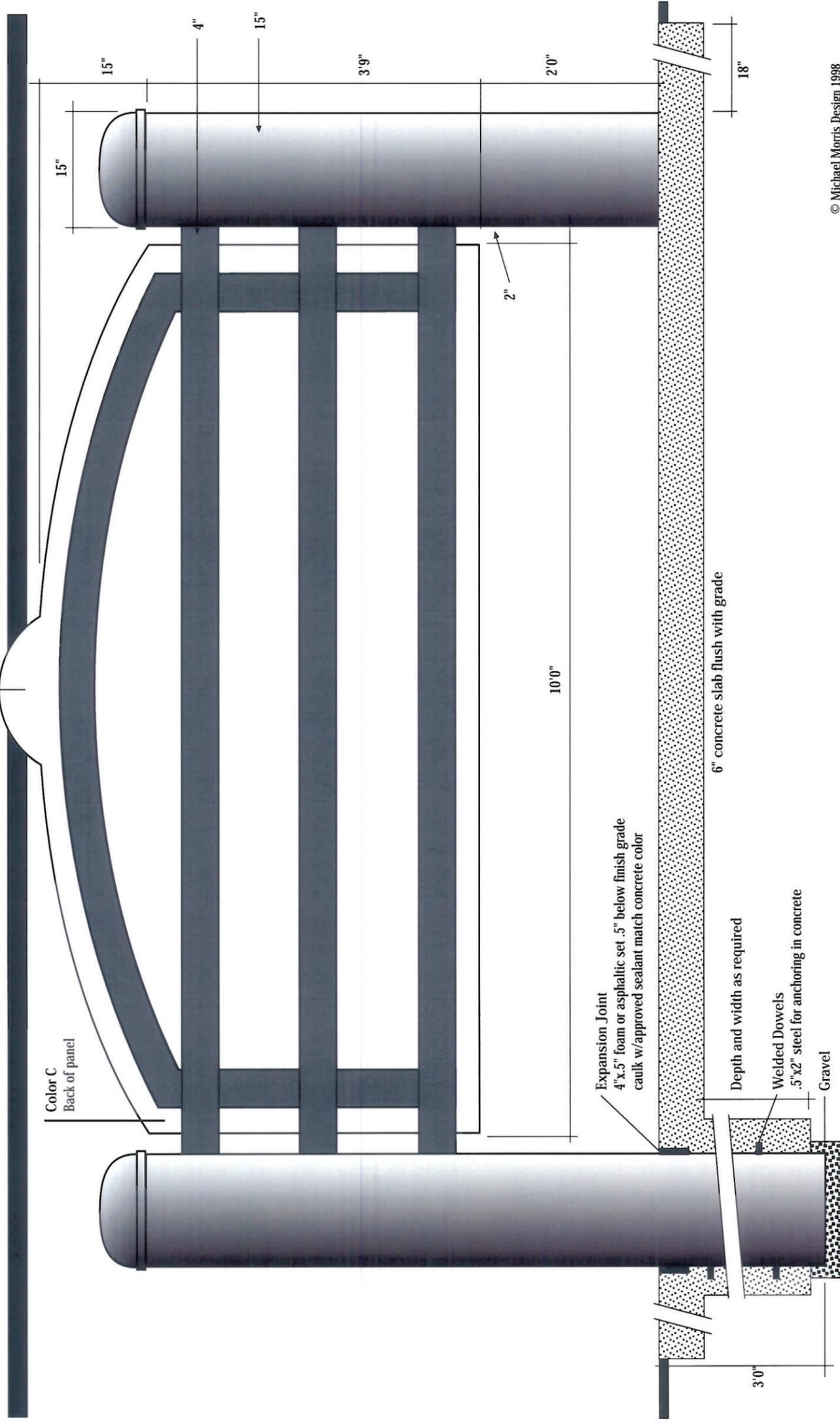
Use disk supplied by designer for color, scale etc.

Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.

Important:
Aluminum panel is cut to backup the applied seal



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Scale
.75"=1'0"

Posts
Steel/15" dia.
Sonotube/15" dia.
Brick/15" sq. est.
Stone/15" sq. est.

Post Color
Steel/Paint
Sonotube/Natural
Brick/Varies
Stone/Varies

Post Finish
Steel/Satin
Sonotube/Polished
Brick/Varies
Stone/Varies

Installation
Posts secured with concrete footing and/or foundation.

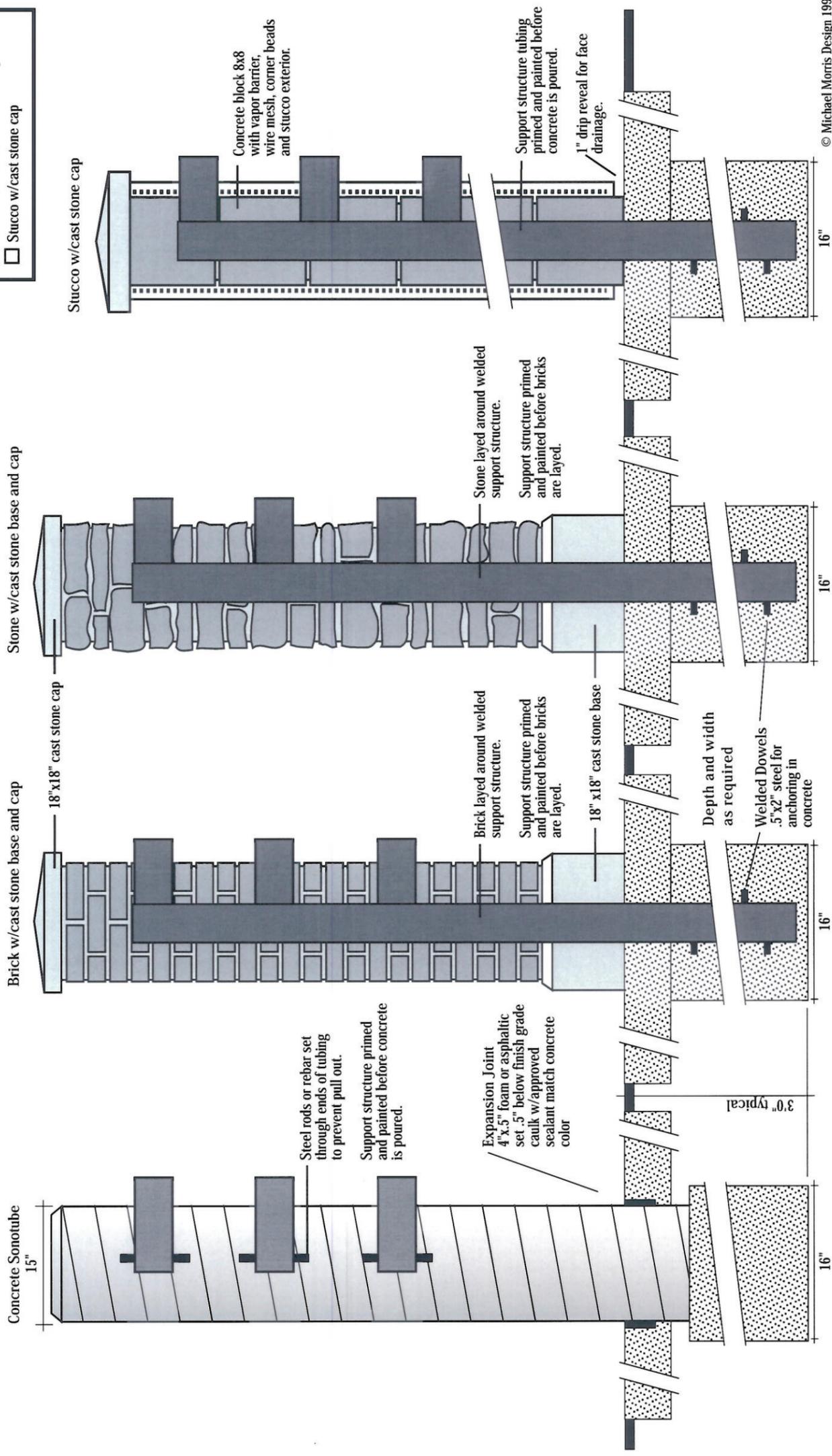
Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.

City of Dallas Parks Primary Park Identification - 10'0" Post Options

- Post Option (check one)
- Steel Post (see construction drawing)
 - Concrete Sonotube
 - Brick w/caststone base and cap
 - Stone w/caststone base and cap
 - Stucco w/cast stone cap



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City of Dallas Parks Secondary Park Identification - 10'0" Slab and Lighting Details

- Lighting Option (check one)
- No lights
 - Front illumination (one side only)
 - Front and back illumination

Material
All materials must be non-corrosive.

Light Fixture Specs
See enclosed spec sheet

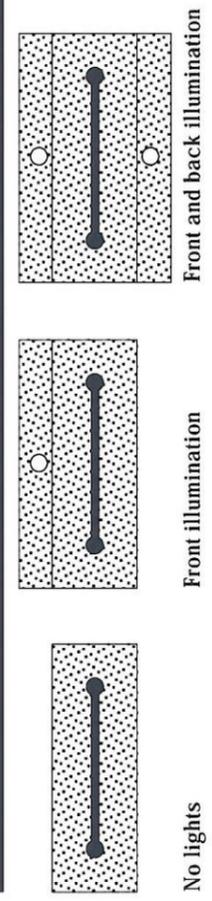
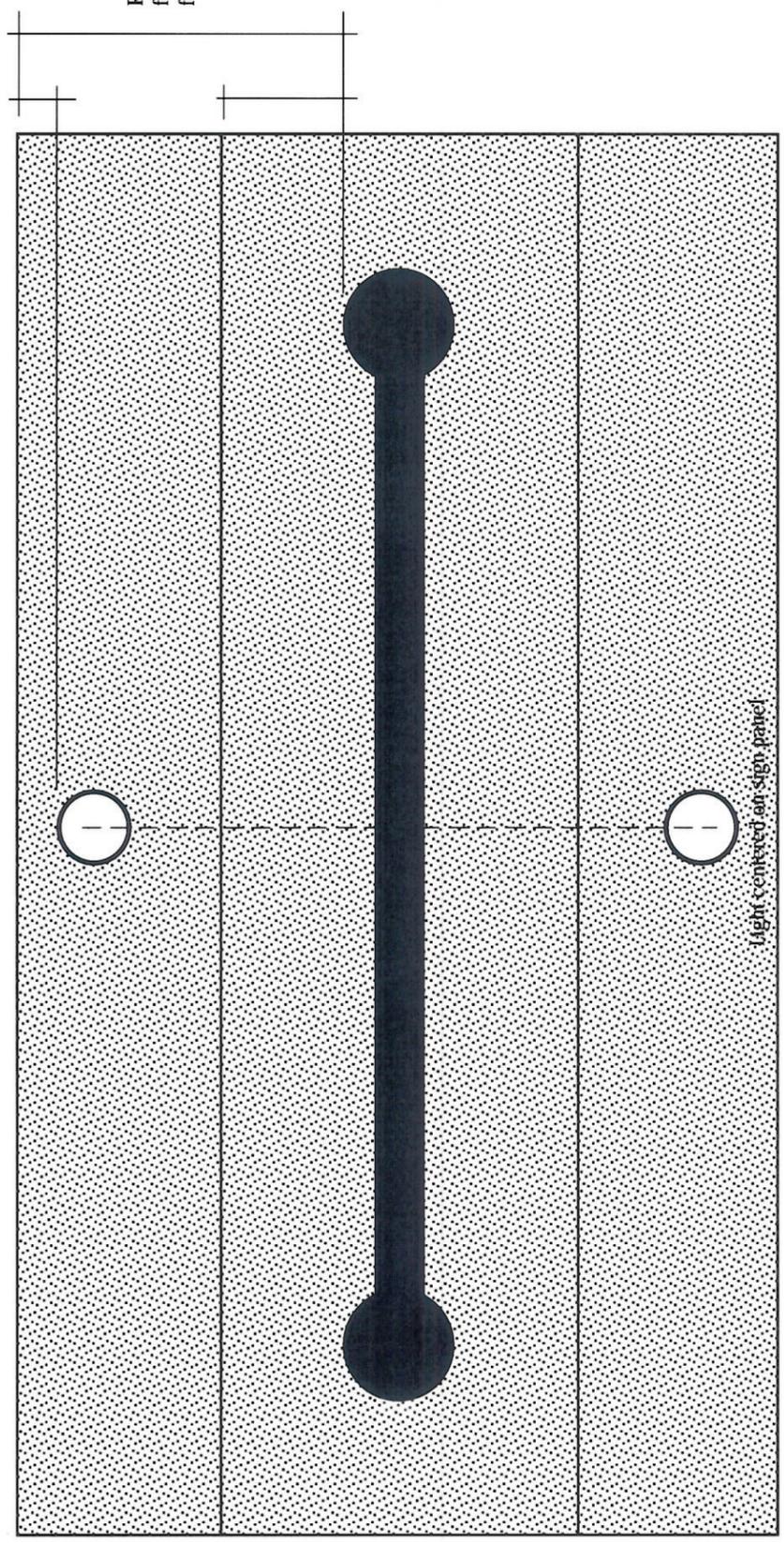
Installation
Fixture is recessed and set flush into slab. Fixture must be sealed from the elements.

Mounting and water sealing of fixture must follow guidelines provided by manufacturer.

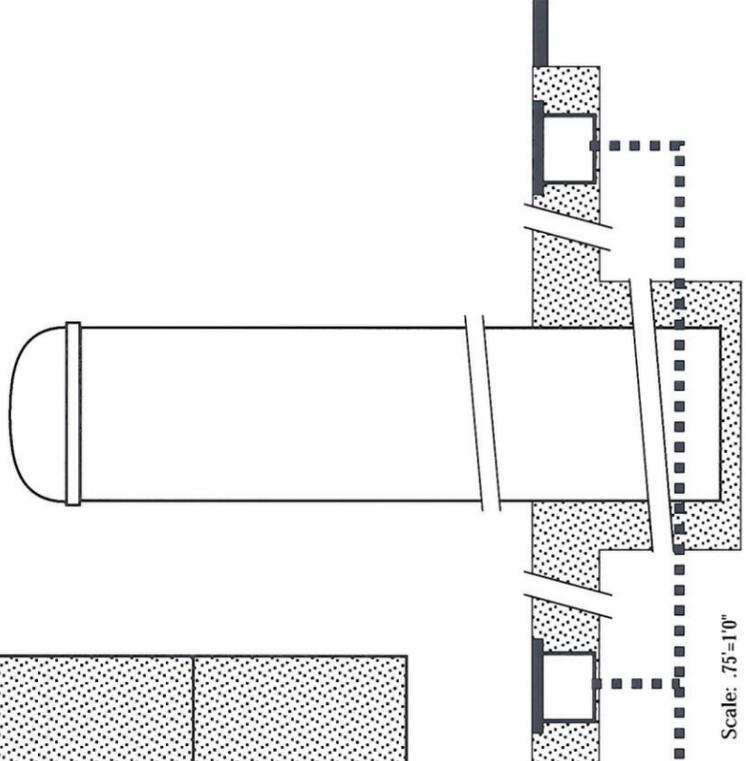
Field verify exact locations and conditions.

Foundation details to be determined on each site.

Installation details shown are typical but not appropriate for all locations and sites.



Electrical run and hookup should be included in proposal. Site verify conditions prior to submission of cost estimates.



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City of Dallas Parks Primary Park Identification - Seal Color and Profile Detail

Scale
.5"=1"

Quantity
See schedule

Sizes

- 4'0" Panel/10" seal
- 6'0" Panel/16" seal
- 8'0" Panel/18" seal
- 10'0" Panel/21" seal

Material

Seal/.75" polyester casting with infused copper powder

Color

As shown

Finish

Metallic Face/Satin
Paint Fill/Satin

Installation

Seal secured to panel with tamper resistant fasteners and glue around perimeter.

Use disk supplied by

designer for color, scale etc.

Field verify exact locations

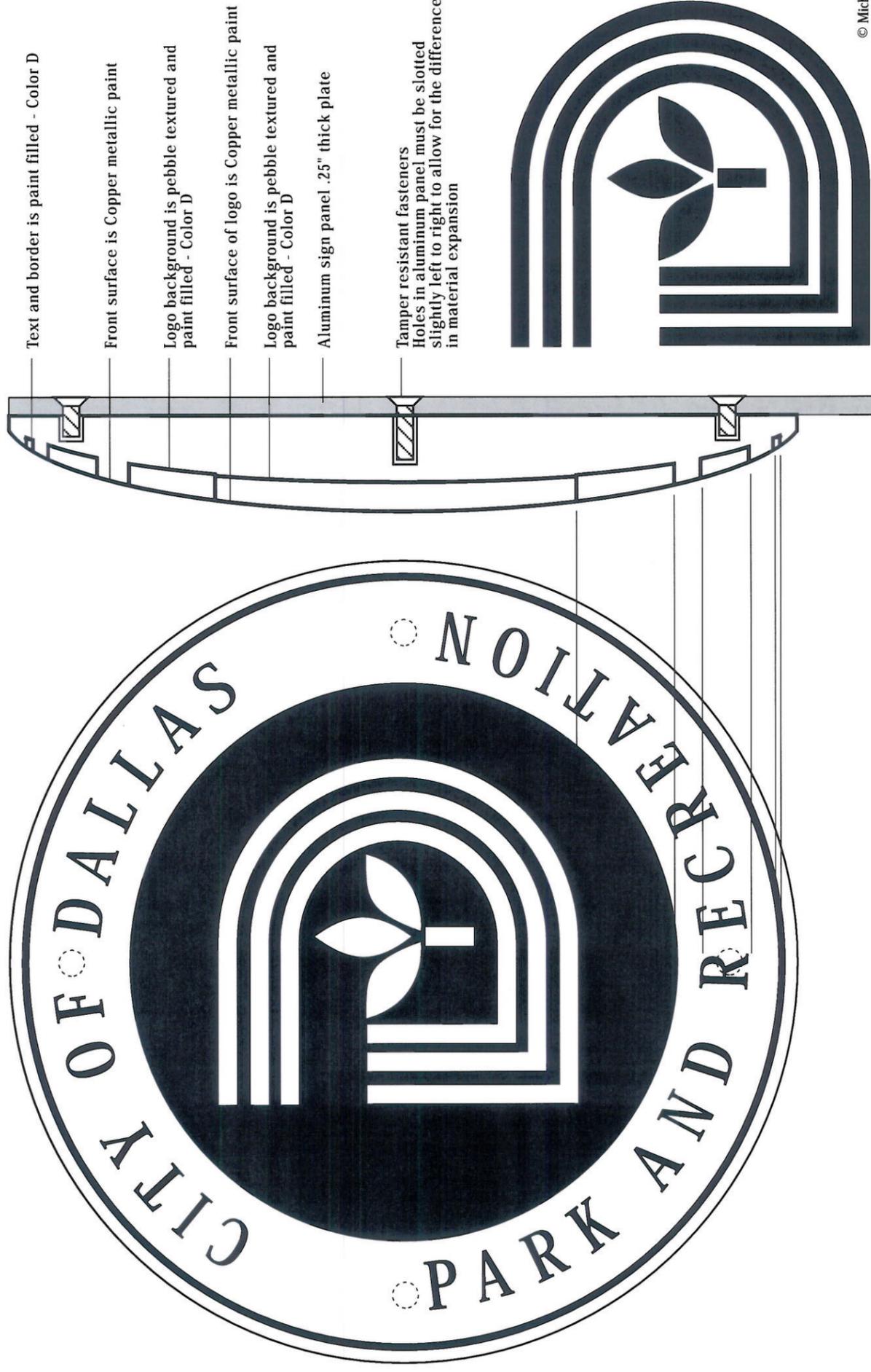
and conditions.

Seal Supplier

Luttman Brothers
15 South Main Street
Phoenixville, PA 19460
610 935-0920
610 983-9468 fax

Costs for molds (if needed) must be included in your bid estimate. If mold exists only the costs for the castings need to be included. Check with Luttman to see if mold exists prior to submitting your bid.

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