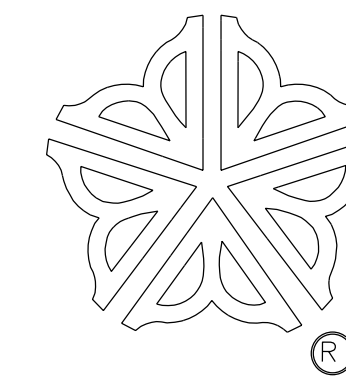


DEPARTMENT OF PARKS, RECREATION AND HUMAN SERVICES



CARTER RECREATION CENTER

SITE IMPROVEMENTS

PROJECT NO. 20042

JULY 15, 2002

ALAN COLLETTA
ASSISTANT DIRECTOR
DEPARTMENT OF PARKS, RECREATION,
AND HUMAN SERVICES
CITY OF ROCHESTER

MARK H. BAYER, ASLA
BAYER ASSOCIATES
LANDSCAPE ARCHITECTURE AND PLANNING

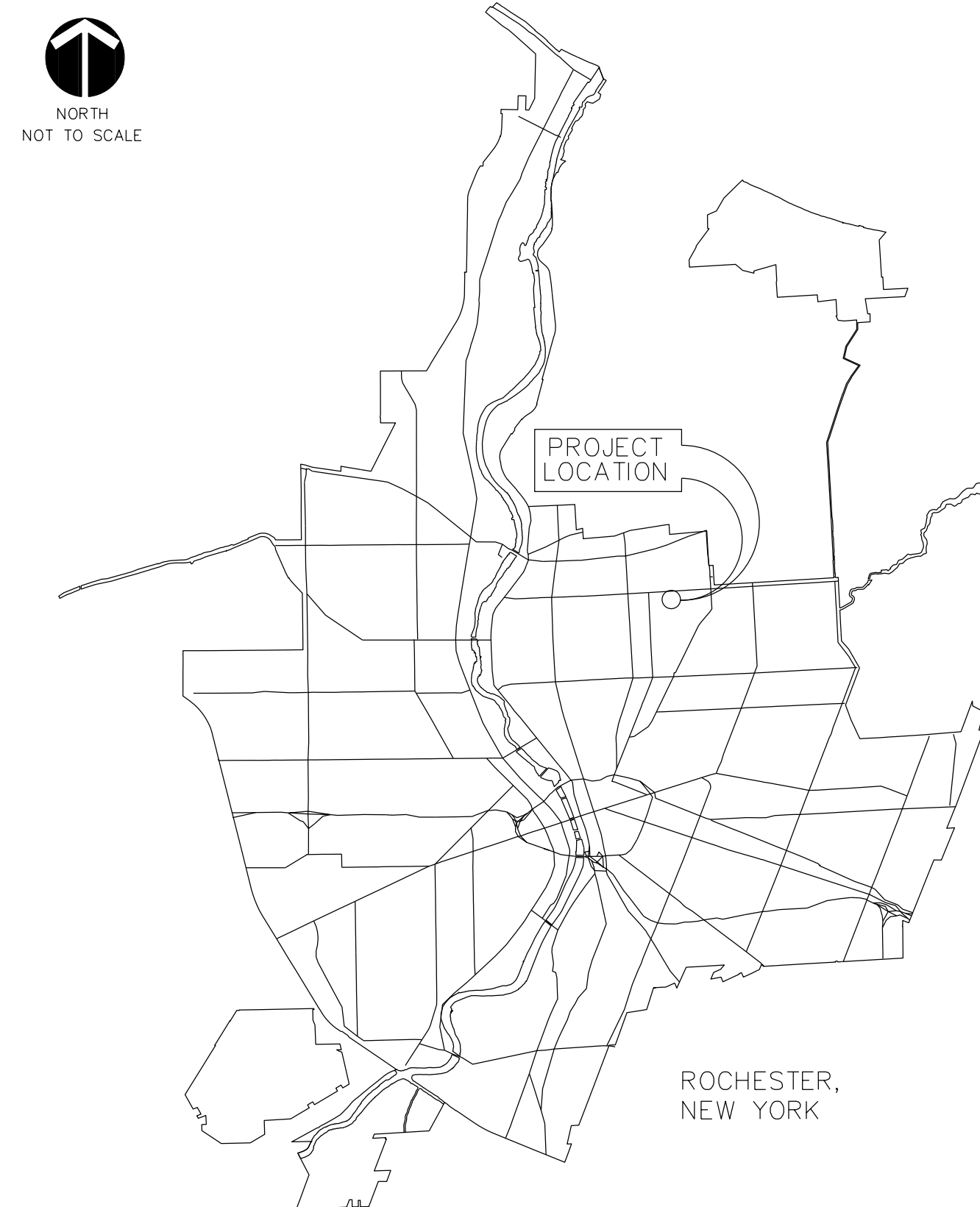
GENERAL NOTES

1. The horizontal and vertical location information (for the site's existing conditions) included in this drawing set has been obtained from a survey map entitled "Carter Recreation Center-Playground and Site Topography" prepared by the Department of Environmental Services, Bureau of Engineering Services, Office of Maps and Surveys, City of Rochester, New York, dated March 12, 1997.
2. The contractor shall be responsible for field verification of all existing and proposed horizontal and vertical location information shown on these plans for both bidding and construction purposes. Any discrepancies shall be reported immediately to the owner's representative.
3. The contractor shall have all utilities and infrastructure field located and marked by the responsible public or private agency prior to the start of construction, and shall maintain all location stakes and markings throughout the construction process.
4. Prior to the start of construction, the contractor shall field verify the location, pipe sizes, and invert elevations of any existing sewers to be affected by the project.
5. Provide the owner's representative with at least seven days notice for any required interruption of a utility service. Written permission from the owner's representative is required before the utility service can be interrupted. A temporary service may be required by the owner.
6. The contractor shall be responsible for any damage to pavement, curbs, plantings, utilities, and any other existing site features to remain caused by his operations. All such damage shall be replaced in kind by the contractor at his expense.
7. The contractor shall not disturb any area outside the project limits.
8. The contractor shall preserve and protect all existing trees, shrubs, and groundcovers within and adjacent to the project site except for those specifically identified on these plans and approved for removal in the field by the owner's representative. See tree protection detail 911-6.
9. The contractor shall be responsible for maintaining the construction site in a safe and orderly condition throughout the construction period. The contractor shall pay particular attention to pedestrian safety issues. The contractor shall take all necessary precautions and use barriers and other devices, as necessary, to keep pedestrians out of the construction zone.
10. The contractor shall maintain the project site in a neat and orderly state and take the necessary steps to minimize the migration of dust and debris from the project site. Construction travel routes and all areas adjacent to the construction site shall be checked daily and cleaned, as necessary, to remove any accumulation of mud, dirt, or debris.
11. Prior to completion of the project, the contractor shall check, and clean all manholes, catch basins, drain inlets, and other drainage system components within the project limits and in the drainage path of the project site so that they are free from all debris, silt, etc.
12. The contractor shall be responsible for obtaining any required municipal construction permits and/or inspections.
13. The contractor is advised to carefully review all of the additional project requirements contained within the project manual, City of Rochester Standard Construction Contract documents, and the remainder of this drawing set.

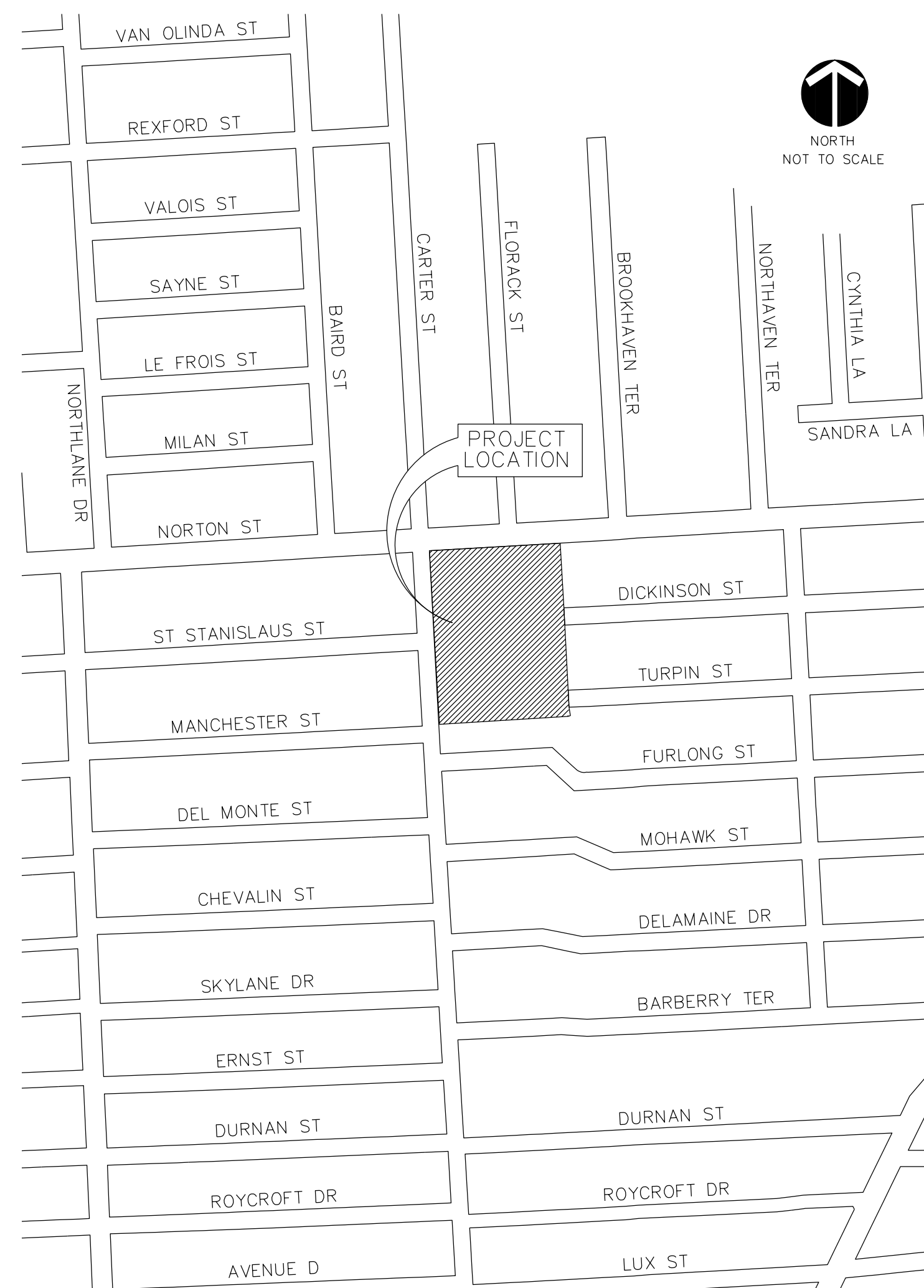
ABBREVIATIONS

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REGIONAL LOCATION MAP



LOCAL LOCATION MAP



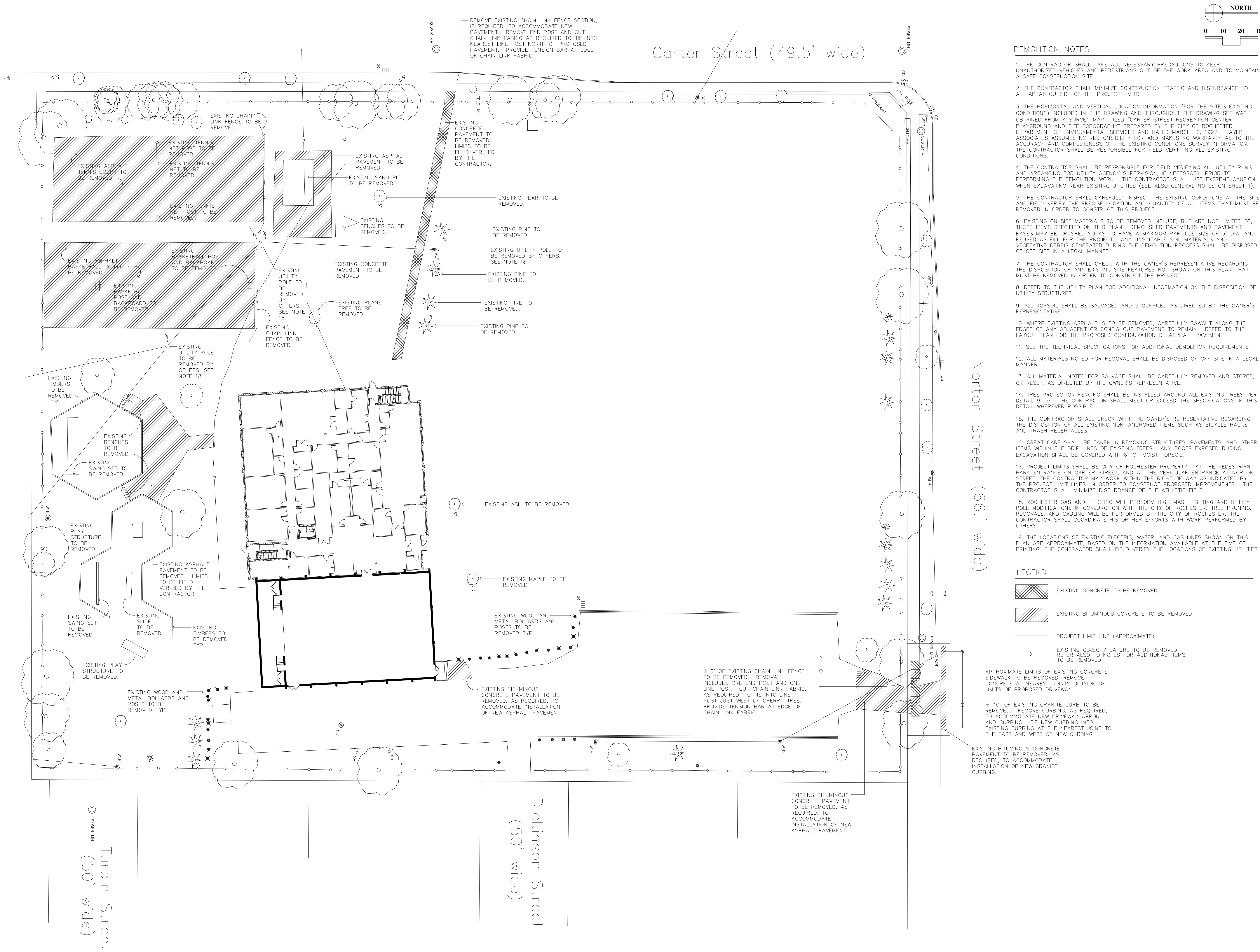
BAYER ASSOCIATES
LANDSCAPE ARCHITECTURE and PLANNING
4705 Main St., P. O. Box 220, Hemlock, NY 14466 (585) 367-8050

	Department of Environmental Services Bureau of Engineering Services City of Rochester, New York
Project Landscape Architect	Jeffery J. Mroczek
Engineer in Charge	Joann D. Beck, RLA
City Engineer	George H. Stam, PE

Scale:	N/A		
Checked By:	MHB		
Drawn By:	RHW		
Design By:	Bayer Assoc.		
Date:	7/15/02		
Project No:	No.	Revisions	By Date

CARTER RECREATION CENTER
SITE IMPROVEMENTS

GENERAL INFORMATION



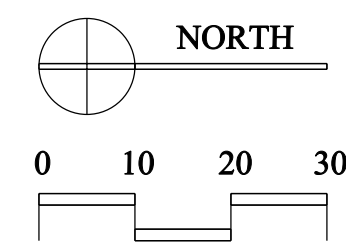
DEMOLITION NOTES

1. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO KEEP UNAUTHORIZED VEHICLES AND PEDESTRIANS OUT OF THE WORK AREA AND TO MAINTAIN A SAFE CONSTRUCTION SITE.
2. THE CONTRACTOR SHALL MINIMIZE CONSTRUCTION TRAFFIC AND DISTURBANCE TO ALL AREAS OUTSIDE OF THE PROJECT LIMITS.
3. THE HORIZONTAL AND VERTICAL LOCATION INFORMATION (FOR THE SITE'S EXISTING CONDITIONS) INCLUDED IN THIS DRAWING AND THROUGHOUT THE DRAWING SET WAS OBTAINED FROM A SURVEY MAP TITLED "CARTER STREET RECREATION CENTER - PLAYGROUND AND SITE TOPOGRAPHY" PREPARED BY THE CITY OF ROCHESTER DEPARTMENT OF ENVIRONMENTAL SERVICES AND DATED MARCH 12, 1997. BAYER ASSOCIATES ASSUMES NO RESPONSIBILITY FOR AND MAKES NO WARRANTY AS TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS SURVEY INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY RUNS AND ARRANGING FOR UTILITY AGENCY SUPERVISION, IF NECESSARY, PRIOR TO PERFORMING THE DEMOLITION WORK. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING NEAR EXISTING UTILITIES (SEE ALSO GENERAL NOTES ON SHEET 1).
5. THE CONTRACTOR SHALL CAREFULLY INSPECT THE EXISTING CONDITIONS AT THE SITE AND FIELD VERIFY THE PRECISE LOCATION AND QUANTITY OF ALL ITEMS THAT MUST BE REMOVED IN ORDER TO CONSTRUCT THIS PROJECT.
6. EXISTING ON-SITE MATERIALS TO BE REMOVED INCLUDE, BUT ARE NOT LIMITED TO, THOSE ITEMS SPECIFIED ON THIS PLAN. DEMOLISHED PAVEMENTS AND PAVEMENT BASES MAY BE CRUSHED SO AS TO HAVE A MAXIMUM PARTICLE SIZE OF 3" DIA. AND REUSED AS FILL FOR THE PROJECT. ANY UNSUITABLE SOIL MATERIALS AND VEGETATIVE DEBRIS GENERATED DURING THE DEMOLITION PROCESS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
7. THE CONTRACTOR SHALL CHECK WITH THE OWNER'S REPRESENTATIVE REGARDING THE DISPOSITION OF ANY EXISTING SITE FEATURES NOT SHOWN ON THIS PLAN THAT MUST BE REMOVED IN ORDER TO CONSTRUCT THE PROJECT.
8. REFER TO THE UTILITY PLAN FOR ADDITIONAL INFORMATION ON THE DISPOSITION OF UTILITY STRUCTURES.
9. ALL TOPSOIL SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
10. WHERE EXISTING ASPHALT IS TO BE REMOVED, CAREFULLY SAWCUT ALONG THE EDGES OF ANY ADJACENT OR CONTIGUOUS PAVEMENT TO REMAIN. REFER TO THE LAYOUT PLAN FOR THE PROPOSED CONFIGURATION OF ASPHALT PAVEMENT.
11. SEE THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
12. ALL MATERIALS NOTED FOR REMOVAL SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
13. ALL MATERIAL NOTED FOR SALVAGE SHALL BE CAREFULLY REMOVED AND STORED, OR RESET, AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
14. TREE PROTECTION FENCING SHALL BE INSTALLED AROUND ALL EXISTING TREES PER DETAIL 9-16. THE CONTRACTOR SHALL MEET OR EXCEED THE SPECIFICATIONS IN THIS DETAIL WHEREVER POSSIBLE.
15. THE CONTRACTOR SHALL CHECK WITH THE OWNER'S REPRESENTATIVE REGARDING THE DISPOSITION OF ALL EXISTING NON-ANCHORED ITEMS SUCH AS BICYCLE RACKS AND TRASH RECEPTACLES.
16. GREAT CARE SHALL BE TAKEN IN REMOVING STRUCTURES, PAVEMENTS, AND OTHER ITEMS WITHIN THE DRIP LINES OF EXISTING TREES. ANY ROOTS EXPOSED DURING EXCAVATION SHALL BE COVERED WITH 6" OF MOST TOPSOIL.
17. PROJECT LIMITS SHALL BE CITY OF ROCHESTER PROPERTY. AT THE PEDESTRIAN PARK ENTRANCE ON CARTER STREET, AND AT THE VEHICULAR ENTRANCE AT NORTON STREET, THE CONTRACTOR MAY WORK WITHIN THE RIGHT-OF-WAY AS INDICATED BY THE PROJECT LIMIT LINES, IN ORDER TO CONSTRUCT PROPOSED IMPROVEMENTS. THE CONTRACTOR SHALL MINIMIZE DISTURBANCE OF THE ATHLETIC FIELD.
18. ROCHESTER GAS AND ELECTRIC WILL PERFORM HIGH MAST LIGHTING AND UTILITY POLE MODIFICATIONS IN CONJUNCTION WITH THE CITY OF ROCHESTER. TREE PRUNING, REMOVALS, AND CABLING WILL BE PERFORMED BY THE CITY OF ROCHESTER. THE CONTRACTOR SHALL COORDINATE HIS OR HER EFFORTS WITH WORK PERFORMED BY OTHERS.
19. THE LOCATIONS OF EXISTING ELECTRIC, WATER, AND GAS LINES SHOWN ON THIS PLAN ARE APPROXIMATE, BASED ON THE INFORMATION AVAILABLE AT THE TIME OF PRINTING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF EXISTING UTILITIES.

LEGEND

- EXISTING CONCRETE TO BE REMOVED
- EXISTING BITUMINOUS CONCRETE TO BE REMOVED
- PROJECT LIMIT LINE (APPROXIMATE)
- EXISTING OBJECT/FEATURE TO BE REMOVED. REFER ALSO TO NOTES FOR ADDITIONAL ITEMS TO BE REMOVED

Scale:	1"=20' (or as noted)	Checked By:	MHB	Drawn By:	RHW	Date:	7/15/02	Project No:	20042	No.	Revisions	By	Date



BAYER ASSOCIATES
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Department of Environmental Services
Bureau of Engineering Services

Bureau of Engineering Services

Jeffery J. Mroczek

Joann D. Beck, RL



Jeffery J. Mroczek

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George H. Stam, F





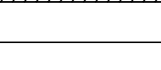









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Design By:	Bayer Assoc.		
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	Revisions	By	Date

CARTER RECREATION CENTER
SITE IMPROVEMENTS

LAYOUT NOTES

1. THE PRINCIPAL POINTS OF BEGINNING FOR THE SITE LAYOUT SHALL BE THE INTERIOR FACE OF THE RECREATION CENTER BUILDING AT ITS NORTHWEST CORNER. OTHER, FACTS OF THE BUILDING AND CENTER LINES OF THE BUILDING'S DOORWAYS ARE TO BE USED AS POINTS OF BEGINNING. ALL DIMENSIONS TO AND FROM THE BUILDING SHALL BE MEASURED AT 90° TO THE FACE OF BUILDING.
2. PROPOSED SITE FEATURES SHOWN ON THIS PLAN SHALL BE STAKED OUT IN ACCORDANCE WITH THIS PLAN, THE GRADING PLAN, AND THE UTILITY PLAN, AND REVIEWED WITH THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION WHERE POSSIBLE. LAYOUT STAKES SHALL REMAIN IN PLACE THROUGHOUT THE CONSTRUCTION PROCESS.
3. ADHERE TO WRITTEN DIMENSIONS, DO NOT SCALE THIS DRAWING.
4. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
5. ALL LAYOUT DIMENSIONS IN THIS DRAWING SET SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR DECISION.
6. ALL DIMENSIONS TO OR FROM CURB LINES ARE MEASURED FROM THE EXPOSED FACE OF CURB, UNLESS OTHERWISE NOTED.
7. REFER TO CONSTRUCTION DETAILS FOR ADDITIONAL LAYOUT INFORMATION.
8. FOR SITE PAVEMENT DETAILS, SEE SHEET 9.
9. FOR COURT STRIPING LAYOUT INFORMATION SEE SHEET 11.
10. WHERE NEW ASPHALT ABUTS EXISTING ASPHALT, USE LAP JOINT PER DETAIL 4-9.
11. REFER TO THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR ALL PAVEMENT TYPES.
12. FOR LAYOUT OF CONTROL AND EXPANSION JOINTS SEE SHEET 4.
13. FOR WATER FEATURE LAYOUT, SEE SHEETS 12 AND 13.
14. WHERE INCHES ARE NOT INDICATED, DIMENSIONS SHOWN ARE IN INCREMENTS OF AN EVEN FOOT.
15. PAVEMENT MARKING STRIPES ARE TO BE 4" WIDE. SEE SPECIFICATION SECTION "HOT MIX ASPHALT PAVEMENT" FOR ADDITIONAL INFORMATION.
16. HANDICAP PARKING ASIDE AND ALL OTHER NO PARKING ZONES INDICATED ON THIS PLAN SHALL BE MARKED WITH 4" WIDE DIAGONAL STRIPES AT A 45° ANGLE, SPACED 2'-0" O.C.
17. ENTRY GATE HINGE POSTS SHALL BE LOCATED PER DETAIL 7-14, WITH HINGE POSTS LOCATED 1' CLEAR OF THE PROPOSED DRIVEWAY BOTH SIDES, AND ALIGNED WITH THE EXISTING FENCE. ANCHORING POSTS SHALL ALSO BE LOCATED 1' CLEAR OF THE PROPOSED DRIVEWAY, ±13' SOUTH OF THE HINGE POSTS, AS REQUIRED TO ACCOMMODATE THE INDUSTRIAL LOCKING DEVICES SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE GATEWAY SYSTEM, ALONG WITH A PROPOSED LAYOUT OF ITS COMPONENTS, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO FABRICATION AND INSTALLATION.

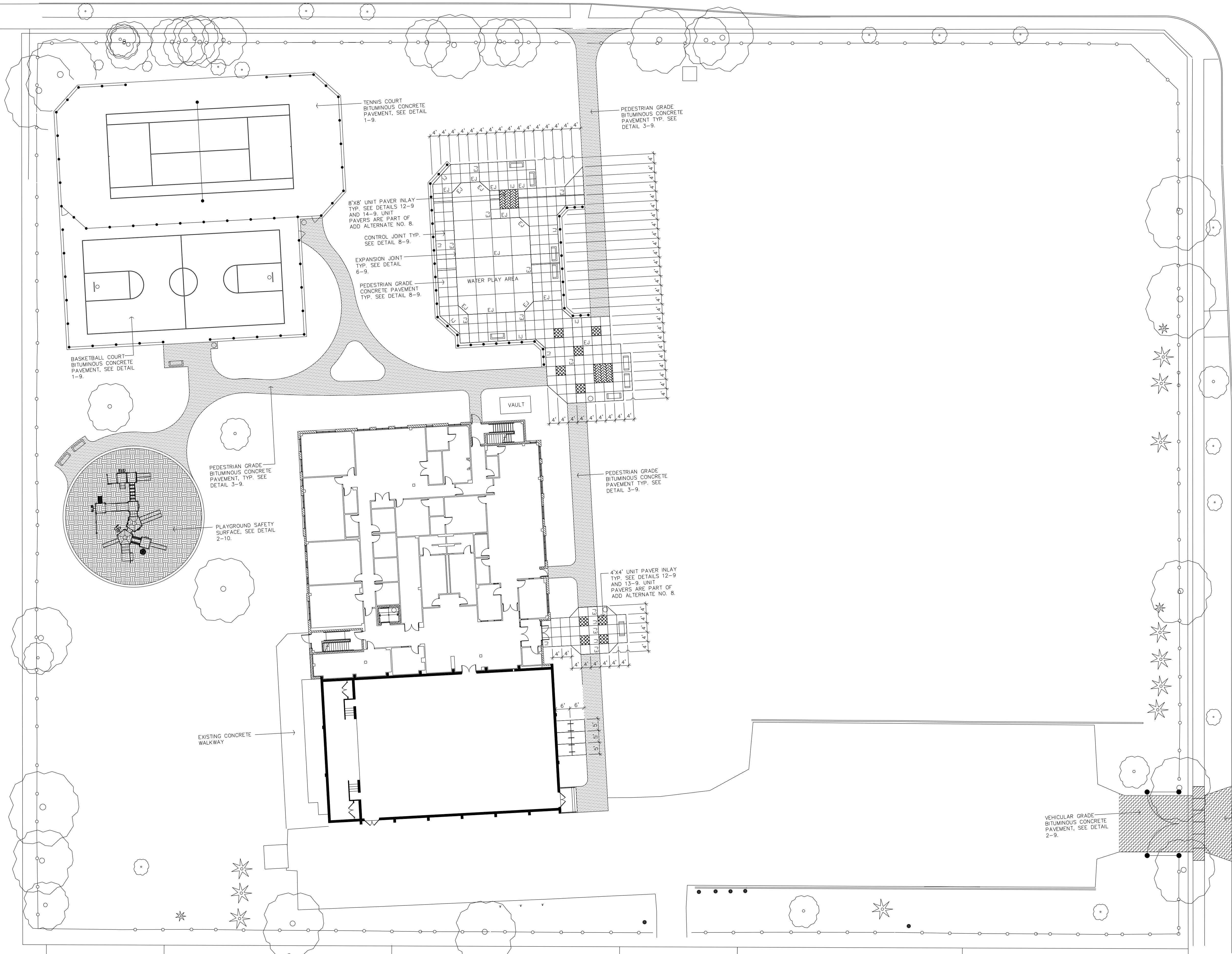
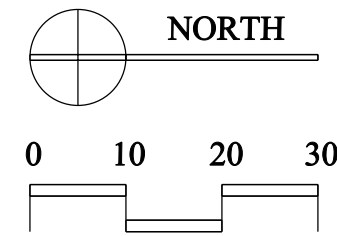
LEGEND

- | | |
|---|--|
|  | VEHICULAR GRADE BITUMINOUS CONCRETE PAVEMENT, SEE DETAIL 2-9 |
|  | PEDESTRIAN GRADE BITUMINOUS CONCRETE PAVEMENT, SEE DETAIL 3-9 |
|  | BITUMINOUS CONCRETE COURT PAVEMENT (UNSHADED), SEE DETAIL 1-9 |
|  | VEHICULAR GRADE CONCRETE PAVEMENT, SEE DETAIL 7-9 |
|  | PEDESTRIAN GRADE CONCRETE PAVEMENT, SEE DETAIL 8-9 |
|  | PLAYGROUND SAFETY SURFACE, SEE DETAIL 2-10 |
|  | BACKED BENCH, SEE DETAIL 4-16 |
|  | BACKLESS BENCH, SEE DETAIL 5-16 |
|  | TRASH RECEPTACLE, SEE DETAIL 6-16 |
|  | BICYCLE RACK, SEE DETAIL 8-16 |
|  | 4' CHAIN LINK FENCE AND CONC. MOWING STRIP, SEE DET. 7-16 AND 6-14 |
|  | 12' CHAIN LINK FENCE, SEE DETAIL 4-14 |
|  | VALVE BOX VAULT, SEE SHEET 17. |
|  | VEHICULAR BARRIER RAIL EXTENSION, SEE DETAIL 3-14 |

CURVE DATA

CURVE	RADIUS	ARC LENGTH	ANGLE
A-B	40.00'	58.62'	83.97°
B-C	37.00'	20.73'	32.10°
C-D	20.00'	14.54'	41.64°
E-F	31.00'	84.51'	156.20°
F-G	31.00'	5.48'	10.13°
G-H	10.00'	16.30'	93.37°
I-J	550.00'	64.91'	6.76°
J-K	25.00'	54.05'	123.86°
L-M	17.37'	30.29'	99.91°
M-N	36.00'	20.97'	33.37°

Carter Street (49.5' wide)



PAVING NOTES:

1. ALL LAYOUT DIMENSIONS IN THIS DRAWING SET SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR DECISION.
2. THE CONTRACTOR SHALL ADHERE TO WRITTEN DIMENSIONS. DRAWINGS WITHIN THIS SET SHALL NOT BE SCALED.
3. ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
4. CONTROL AND EXPANSION JOINTS SHALL BE PLACED IN THE LOCATIONS INDICATED ON THIS DRAWING.
5. ISOLATION JOINTS SHALL BE PLACED WHEREVER PROPOSED CONCRETE PAVEMENT ABUTS CURBING, MOWING STRIPS, UTILITY STRUCTURES, EXISTING CONCRETE, AND ELSEWHERE AS INDICATED ON THIS DRAWING.
6. ADD ALTERNATE NO. 8 CALLS FOR THE SUBSTITUTION OF UNIT PAVERS PER DETAILS 12-9, 13-9, AND 14-9 FOR PEDESTRIAN GRADE CONCRETE PAVEMENT WHERE INDICATED IN THIS PLAN. FOR THE BASE BID, ALL UNIT PAVEMENT AREAS SHALL BE BID AS PEDESTRIAN GRADE CONCRETE PAVEMENT PER DETAIL 8-9, AND SCORED ALONG A 4'X4' GRID AS SHOWN ON THIS PLAN.
7. ADD ALTERNATE NO. 9 CALLS FOR THE SUBSTITUTION OF COLORED CONCRETE PER DETAIL 8-9 FOR PEDESTRIAN CONCRETE IN THE WATER PLAY AREA ONLY (SEE DETAIL 3-12 FOR THE LIMITS OF THE WATER PLAY AREA).
8. ADD ALTERNATE NO. 10 CALLS FOR THE SUBSTITUTION OF POURED RUBBER SAFETY SURFACE PER DETAIL 5-9 FOR PEDESTRIAN GRADE CONCRETE PAVEMENT WITHIN THE WATER PLAY AREA (SEE DETAIL 3-12 FOR THE LIMITS OF THE WATER PLAY AREA). FOR THE BASE BID, THE WATER PLAY AREA SHALL BE BID AS PEDESTRIAN GRADE CONCRETE PER DETAIL 8-9 AND SCORED ALONG AN 8'X8' GRID AS SHOWN ON THIS PLAN.

LEGEND

- PEDESTRIAN GRADE CONCRETE PAVEMENT
SEE DETAIL 8-9.
- EXPANSION JOINT IN CONCRETE PAVEMENT
SEE DETAIL 6-9.
- ISOLATION JOINT IN CONCRETE PAVEMENT
SEE DETAIL 6-9.
- VEHICULAR GRADE CONCRETE PAVEMENT
SEE DETAIL 7-9.
- COURT BITUMINOUS CONCRETE PAVEMENT (UNSHADED)
SEE DETAIL 1-9.
- PEDESTRIAN GRADE BITUMINOUS CONCRETE PAVEMENT
SEE DETAIL 3-9.
- VEHICULAR GRADE BITUMINOUS CONCRETE PAVEMENT
SEE DETAIL 2-9.
- PLAYGROUND SAFETY SURFACE
SEE DETAIL 2-10.
- AREA OF PEDESTRIAN GRADE CONCRETE (WATER PLAY AREA)
TO RECEIVE SAFETY SURFACE OVERLAY PER ADD ALTERNATE NO. 10
SEE DETAIL 5-9.
- 4'X4' UNIT PAVEMENT INLAY (ADD ALTERNATE BID NO. 8)
SEE DETAILS 12-9 AND 13-9.
- 8'X8' UNIT PAVEMENT INLAY (ADD ALTERNATE BID NO. 8)
SEE DETAILS 12-9 AND 14-9.

Norton Street (66' wide)

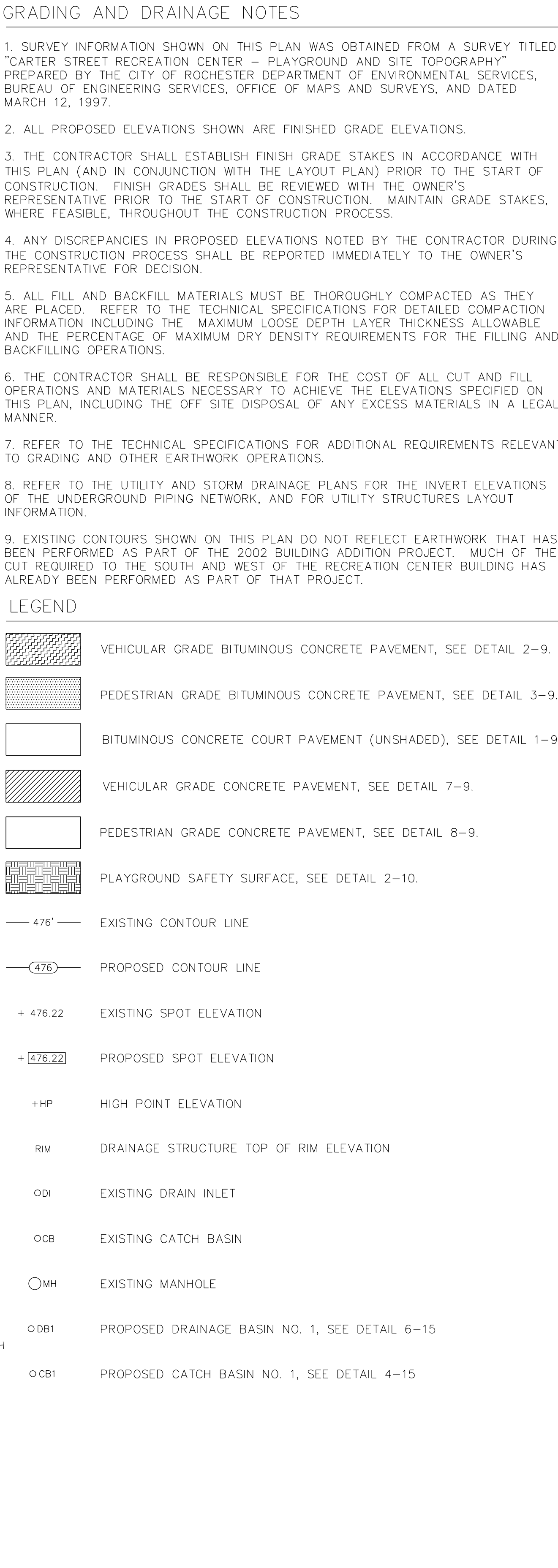
Turpin Street
(50' wide)

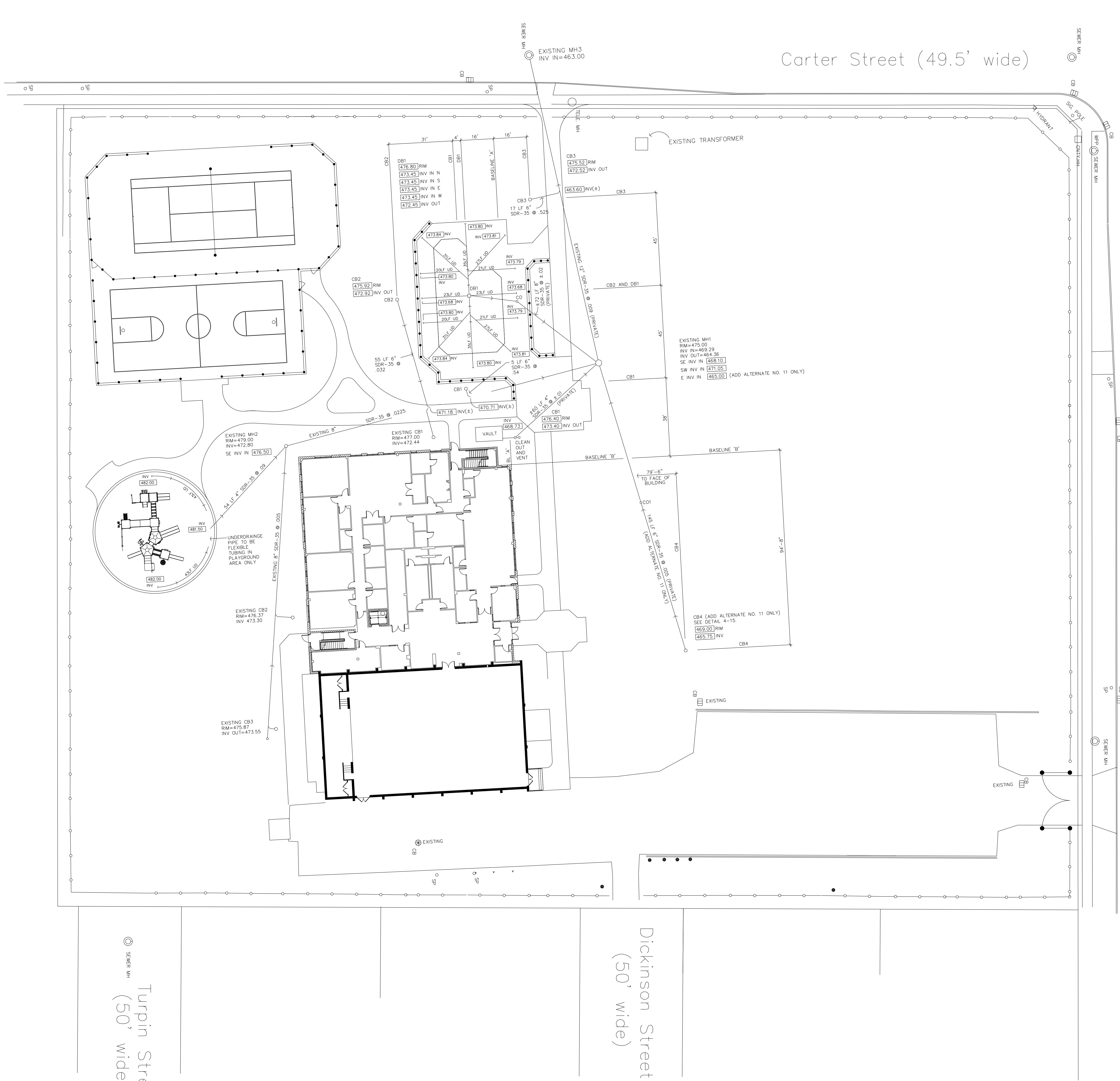
Dickinson Street
(50' wide)

Department of Environmental Services Bureau of Engineering Services City of Rochester, New York	Jeffery J. Mrozak Joann D. Beck, RLA Engineer in Charge City Engineer
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Scale:	1"=20' (or as noted)	No.
Checked By:	MHB	
Drawn By:	RHW	
Design By:	Bayer Assoc.	
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Project No:	20042	

CARTER RECREATION CENTER SITE IMPROVEMENTS	PAVING PLAN
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Norton Street (66.' wide)

NOTES

1. PORTIONS OF THE EXISTING STORM DRAINAGE, ELECTRIC, GAS, AND WATER SYSTEMS SHOWN ON THIS PLAN WERE NOT YET INSTALLED AT THE TIME OF DRAWING PRODUCTION. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS AND LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
2. THIS PLAN REQUIRES APPROVAL AND ISSUANCE OF A PLUMBING PERMIT FROM THE CITY OF ROCHESTER.
3. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS.
4. ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND OR MONROE COUNTY SEWER USE LAW.

LEGEND

RIM	DRAINAGE STRUCTURE TOP OF RIM ELEVATION
INV	DRAINAGE STRUCTURE INVERT ELEVATION
DB1	DRAIN BASIN NO. 1, SEE DETAIL 6-15
CB1	CATCH BASIN NO. 1, SEE DETAIL 4-15
OC01	CLEANOUT NO. 1, SEE DETAIL 7-15
EXISTING STORM SEWER	
PROPOSED STORM SEWER	
PROPOSED UNDERDRAINAGE, SEE DETAIL 3-15	
EXISTING SPOT ELEVATION	
PROPOSED SPOT ELEVATION	

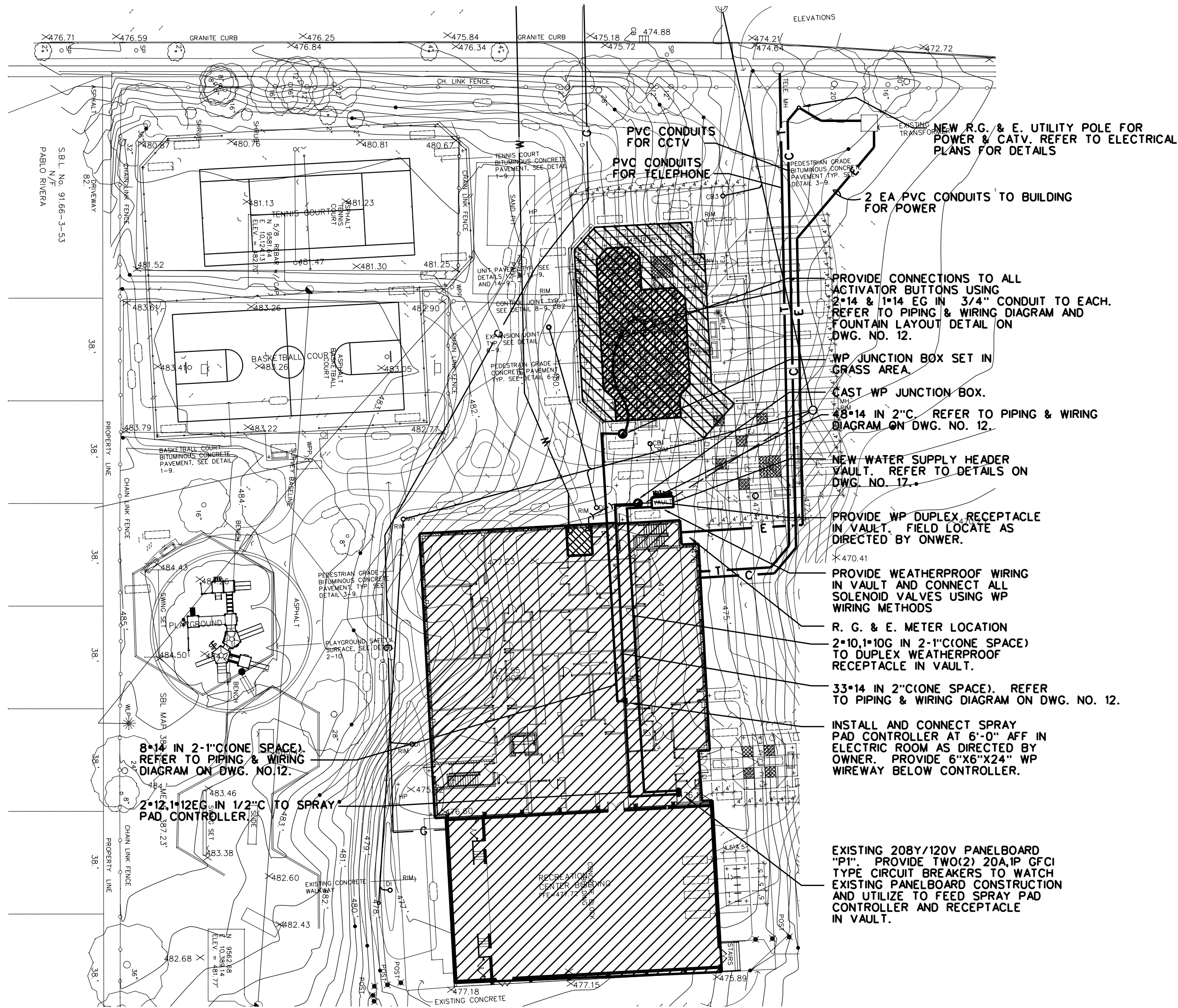
ROCHESTER PURE WATERS DISTRICT

Department of Environmental Services Bureau of Engineering Services City of Rochester, New York	Jeffery J. Mroczek Joann D. Beck, RLA George H. Stam, PE
Project Landscape Architect	Engineer in Charge
	City Engineer

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CARTER RECREATION CENTER
SITE IMPROVEMENTS

STORM DRAINAGE PLAN



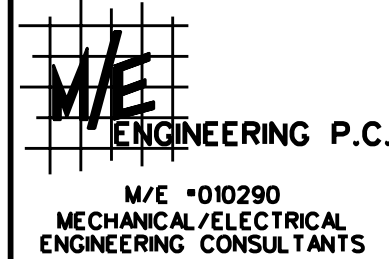
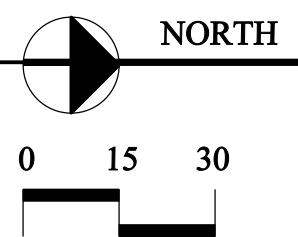
GENERAL NOTES

THE LOCATION OF EXISTING ELECTRIC, GAS, AND WATER LINES SHOWN IS APPROXIMATE, AND IS BASED ON PRELIMINARY INFORMATION AVAILABLE AT THE TIME OF PRINTING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES.

LEGEND

- G — EXISTING UNDERGROUND GAS LINE
- E — EXISTING UNDERGROUND ELECTRIC LINE
- W — EXISTING UNDERGROUND WATER LINE
- C — UNDERGROUND CABLE TV LINE
- T — UNDERGROUND TELEPHONE LINE

1 SITE PLAN— ELECTRICAL WORK
7 NOT TO SCALE

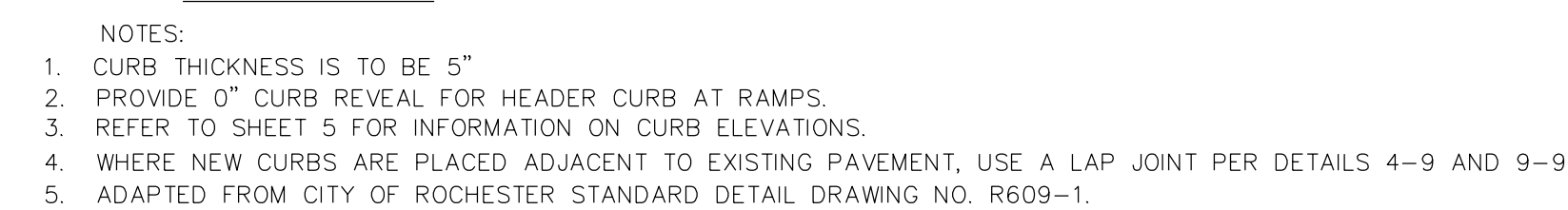
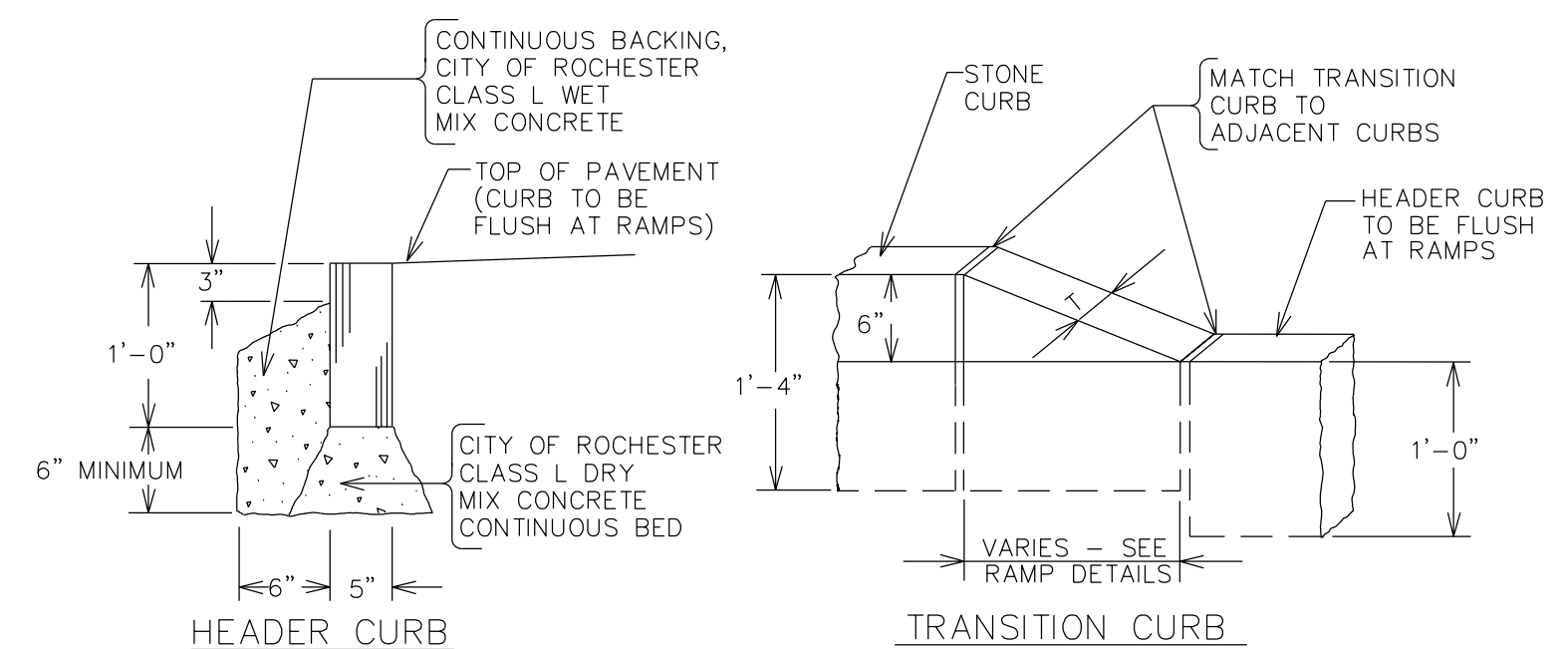
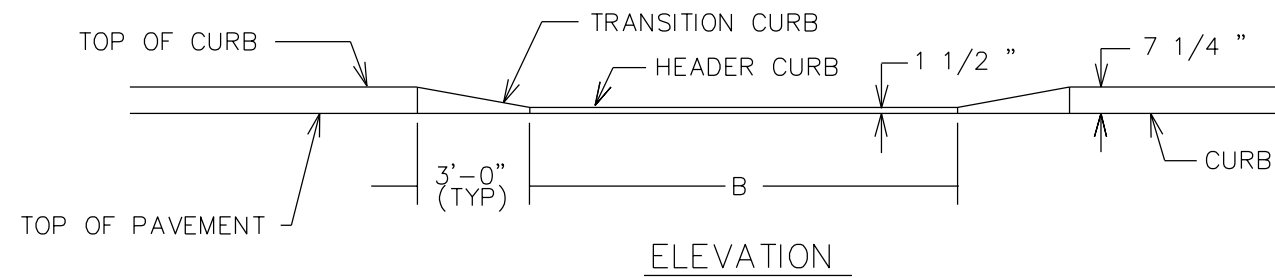
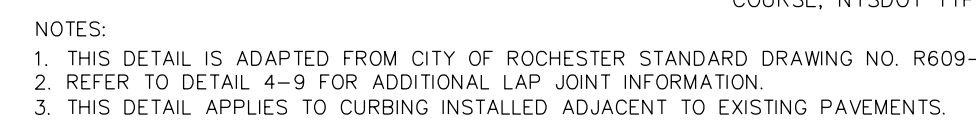
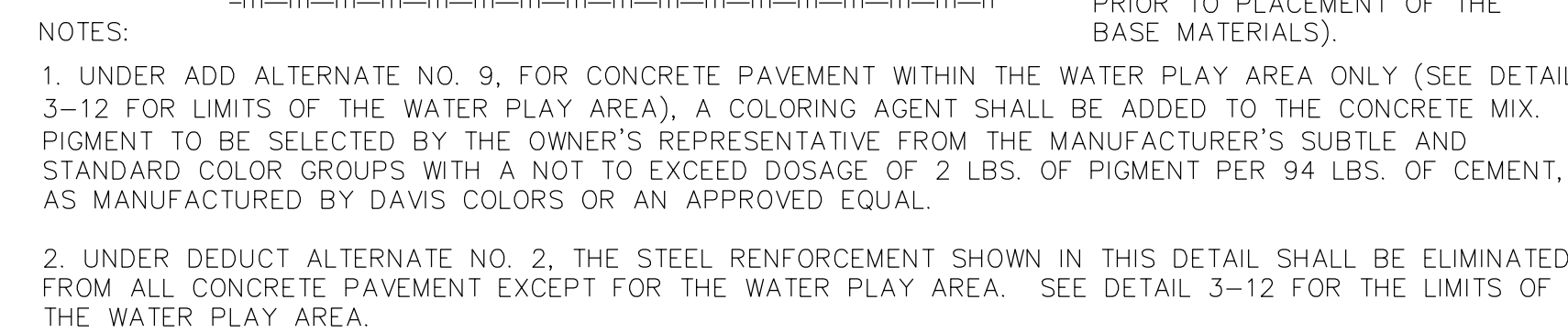
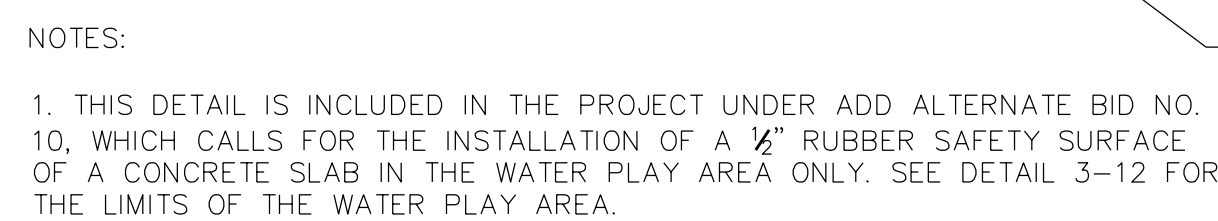


Department of Environmental Services
Bureau of Engineering Services
City of Rochester, New York
Project Landscape Architect
Jeffery J. Mroczek
Joann D. Beck, R.L.A.
George H. Stam, PE
Engineer in Charge
City Engineer

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Drawn By:	VJB				
Design By:	JPC				
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CARTER RECREATION CENTER
SITE IMPROVEMENTS

UTILITY PLAN



1. THIS DETAIL IS INCLUDED IN THE PROJECT UNDER ADD ALTERNATE NO. 8. SEE THE PAVING PLAN FOR LIMITS OF UNIT PAVERS UNDER ALTERNATE NO. 8.

2. UNIT PAVERS TO BE 3.97"x7.91"x2.36" AS MANUFACTURED BY LAFARGE CANADA OR APPROVED EQUAL. COLOR TO BE SELECTED FROM THE MANUFACTURER'S FULL RANGE OF STANDARD COLORS



1. THIS DETAIL IS INCLUDED IN THE PROJECT UNDER ADD ALTERNATE NO. 8. SEE THE PAVING PLAN FOR LIMITS OF UNIT PAVERS UNDER ADD ALTERNATE NO. 8.

2. UNIT PAVERS TO BE 3.97"x7.91"x2.36" AS MANUFACTURED BY LAFARGE CANADA OR APPROVED EQUAL. COLOR TO BE SELECTED FROM THE MANUFACTURER'S FULL RANGE OF STANDARD COLORS

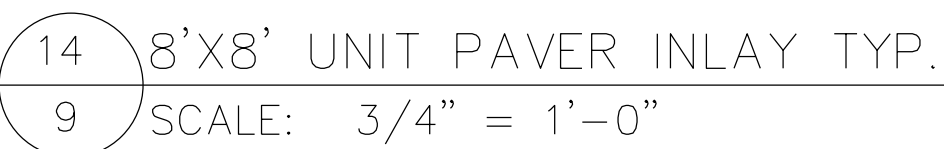
3. MINIMIZE CUTS WHEREVER POSSIBLE.



1. THIS DETAIL IS INCLUDED IN THE PROJECT UNDER ADD ALTERNATE NO. 8. SEE THE PAVING PLAN FOR LIMITS OF UNIT PAVERS UNDER ADD ALTERNATE NO. 8.

2. UNIT PAVERS TO BE 3.97"x7.91"x2.36" AS MANUFACTURED BY LAFARGE CANADA OR APPROVED EQUAL. COLOR TO BE SELECTED FROM THE MANUFACTURER'S FULL RANGE OF STANDARD COLORS

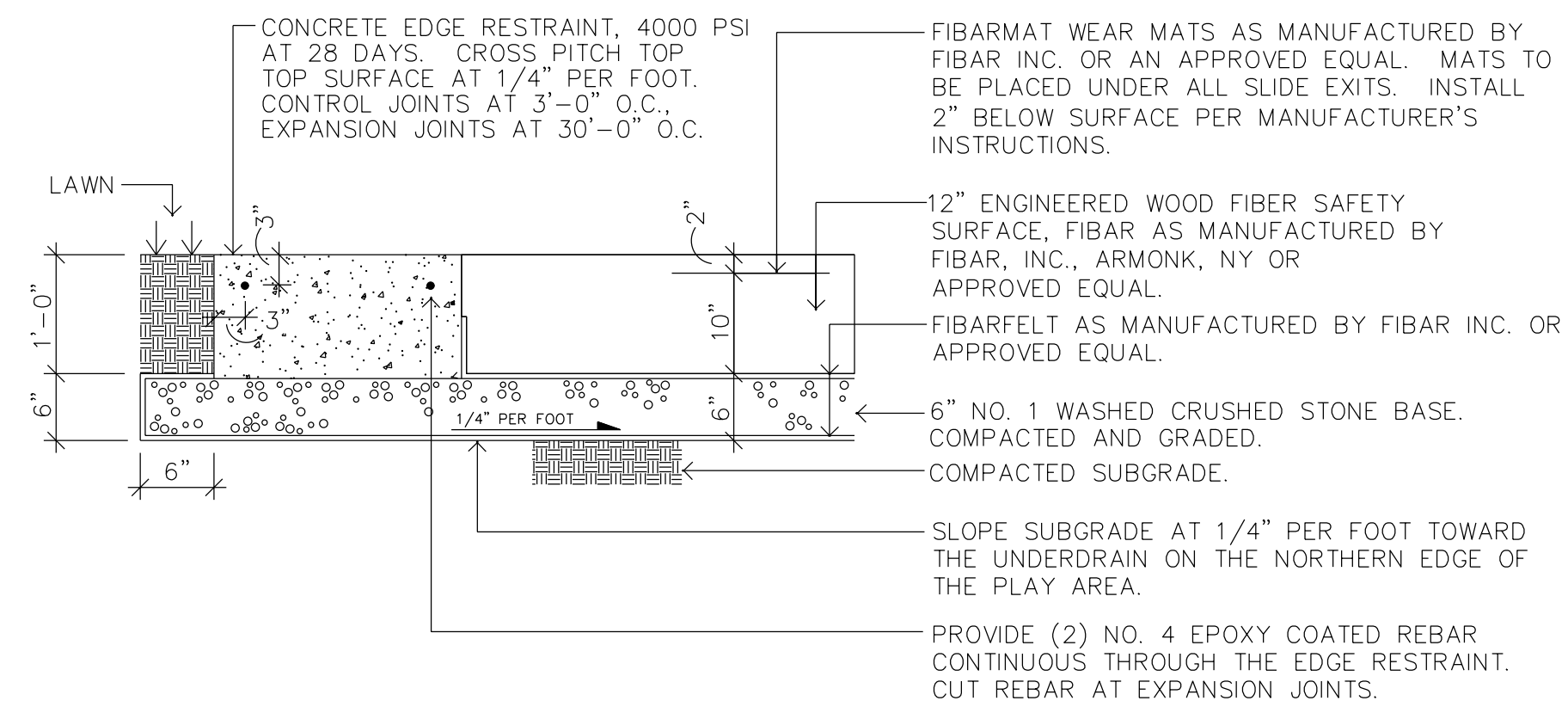
3. MINIMIZE CUTS WHEREVER POSSIBLE



NOTES:
1. THIS DETAIL IS ADAPTED FROM GAMETIME STANDARD DETAIL NO. 005.
2. FOOTER LAYOUT WILL BE PROVIDED BY GAMETIME AT TIME OF PURCHASE.

1 PLAY STRUCTURE FOOTER
10 NOT TO SCALE

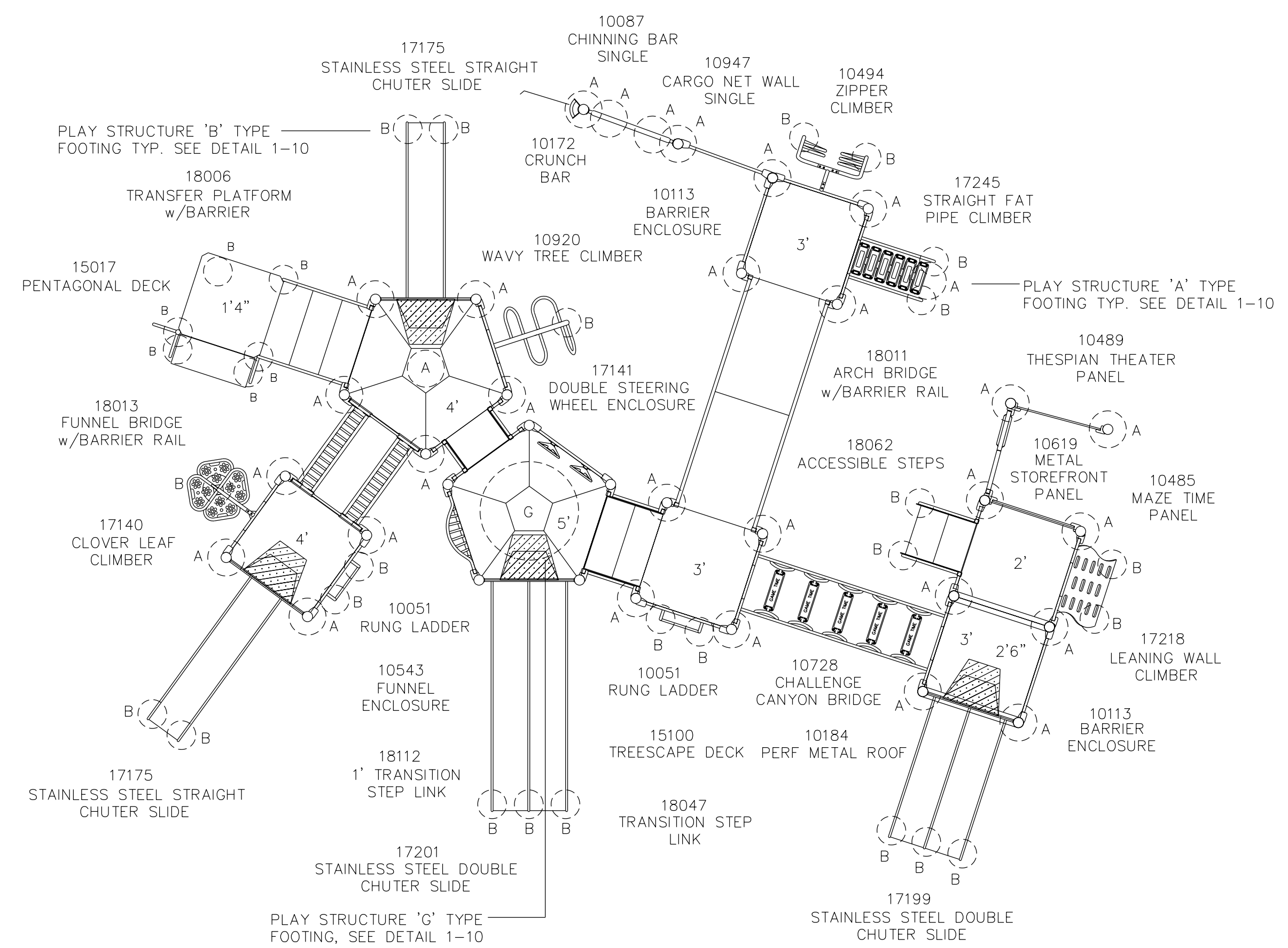
FOOTINGS TABLE		
TYPE	DIAMETER	DEPTH
A	1'-8"	4'-0"
B	1'-2"	4'-0"
G	4'-0"	4'-0"



NOTES:

1. THE FINISHED GRADE OF THE FIBAR MATERIAL SHOULD BE SEVERAL INCHES ABOVE FINISH GRADE OF THE EDGE RESTRAINT AT THE TIME OF INSTALLATION, UNTIL IT COMPACTS. FEATHER THE EDGES TO MAKE A SMOOTH TRANSITION TO THE CONCRETE EDGE RESTRAINT.

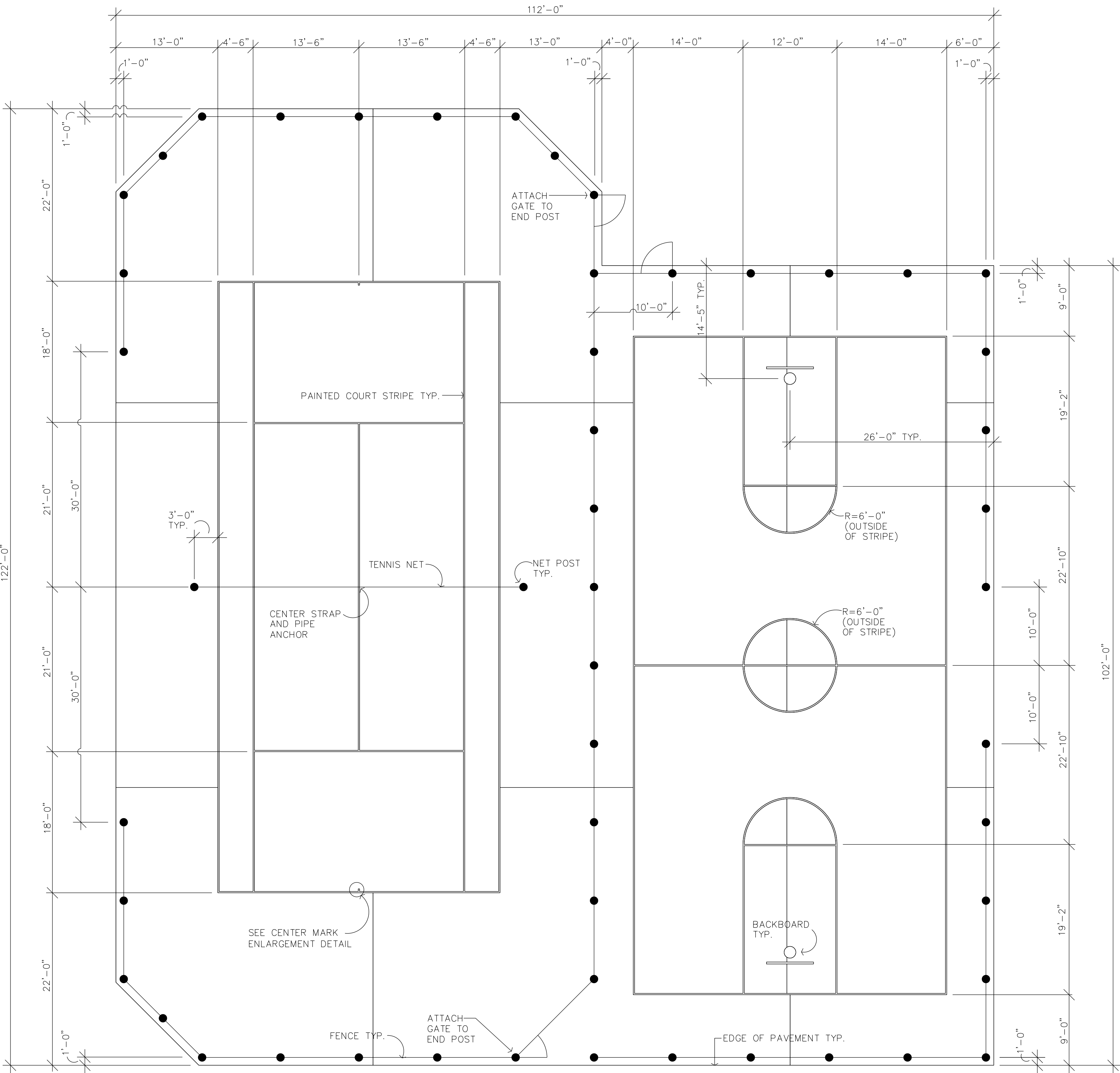
2	WOOD FIBER SAFETY SURFACE AND CONCRETE EDGE RESTRAINT
10	NOT TO SCALE



NOTES:

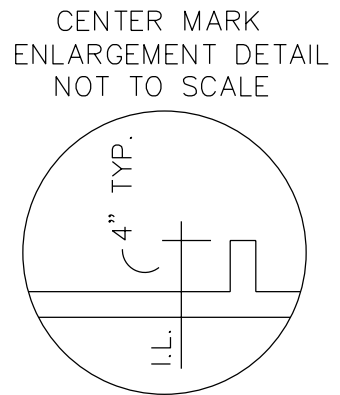
1. SEE THE SPECIFICATIONS FOR PLAY STRUCTURE COMPONENT SCHEDULE.

3	PLAY STRUCTURE COMPONENT DIAGRAM
10	NOT TO SCALE



GENERAL NOTES

- ALL DIMENSIONS ARE TO THE OUTSIDE OF PAINTED LINES WITH THE FOLLOWING EXCEPTIONS: DIMENSIONS TO THE CENTER OF PAINTED LINES ARE INDICATED BY A CENTER LINE, DIMENSIONS TO THE INSIDE OF A PAINTED LINE ARE INDICATED BY "I.L."
- SEE THE LAYOUT PLAN FOR ADDITIONAL LAYOUT INFORMATION.
- ADHERE TO WRITTEN DIMENSIONS, DO NOT SCALE THIS PLAN.
- ALL COURT STRIPES ARE TO BE 2" WIDE.
- TENNIS NET, POSTS, CENTER STRAP, AND PIPE ANCHOR TO BE PROVIDED BY THE CARRON NET CO., INC., BOX 177, TWO RIVERS, WI 54241, (800) 558-7768, OR OTHER APPROVED MANUFACTURER. NET: CARRON MOD. NO. 20905, POSTS: CARRON MOD. NO. 21527, CENTER STRAP: CARRON MOD. NO. 21510, PIPE ANCHOR: CARRON MOD. NO. 21512. NET, POSTS, CENTER STRAP, AND PIPE ANCHOR TO BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS.
- COURT SURFACE COLOR COATS ARE TO BE PROVIDED BY NOVA SPORTS, P.O. BOX 1461, FRAMINGHAM, MA 01710, (800) USA-NOVA, OR OTHER APPROVED MANUFACTURER. BASKETBALL SURFACE IS TO RECEIVE TWO COATS OF NOVA PLAY BASE COAT AND THREE COATS OF NOVA PLAY FINISH COAT. TENNIS COURT IS TO RECEIVE TWO COATS OF NOVA SURFACE (ACRYLIC RESURFACER) AND THREE COATS OF NOVA COMBINATION SURFACE. COLOR AS INDICATED ABOVE. ALL COURT LINES TO RECEIVE ONE COAT OF NOVA-SEAL-A-LINE AND ONE COAT OF NOVATEX. APPLY BASE AND FINISH COATS PER THE MANUFACTURER'S INSTRUCTIONS. APPLY COATS AT 90° TO EACH OTHER.
- ALL GATES ARE TO SWING OPEN IN ONE DIRECTION ONLY. GATES SHALL SWING IN THE DIRECTIONS INDICATED ABOVE.

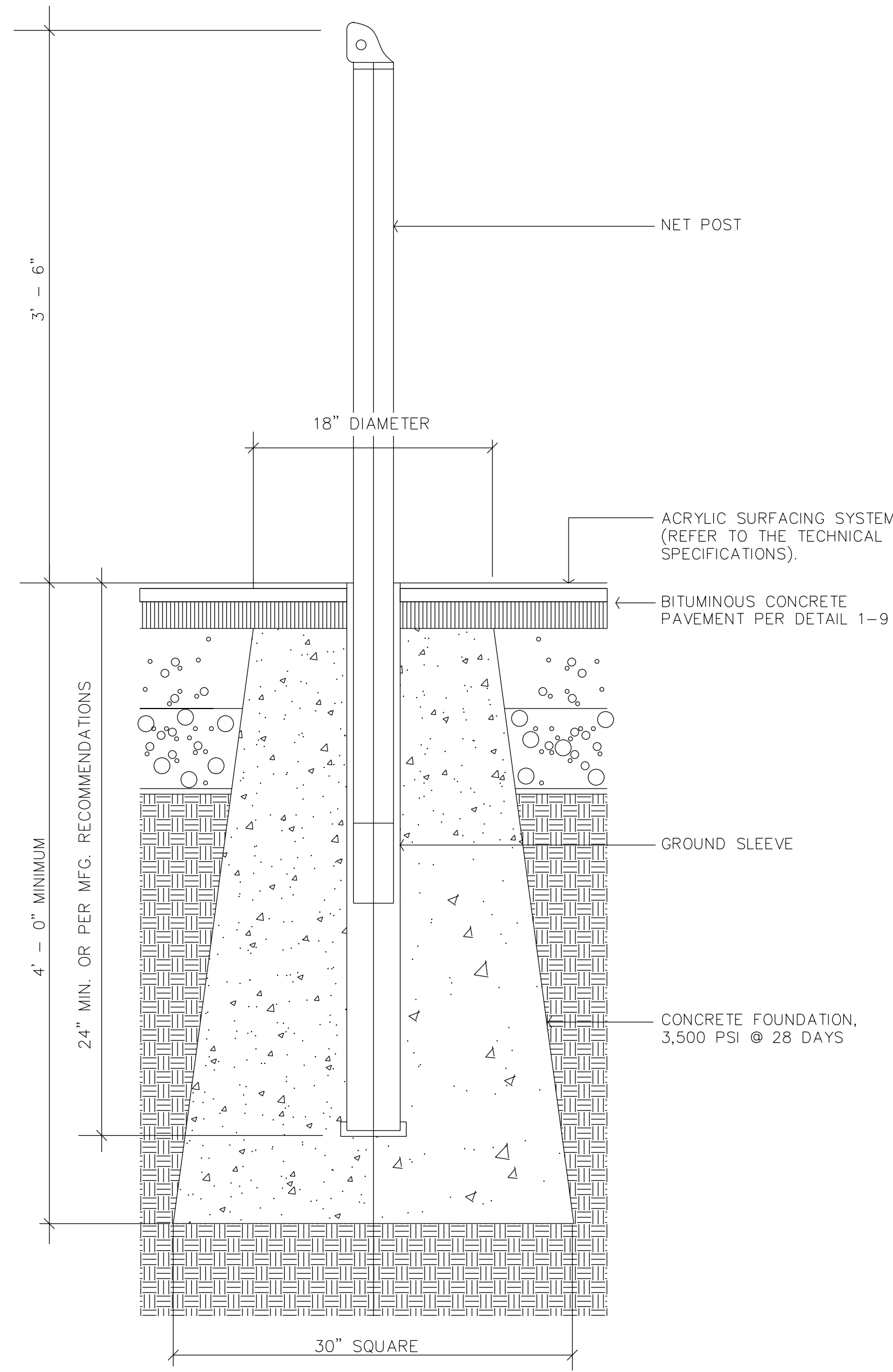


LEGEND

- | | |
|--|--|
| | NOVA SPORTS CLASSIC GREEN NO. 11 (OR APPROVED EQUAL) |
| | NOVA SPORTS TERRA COTTA NO. 3 (OR APPROVED EQUAL) |

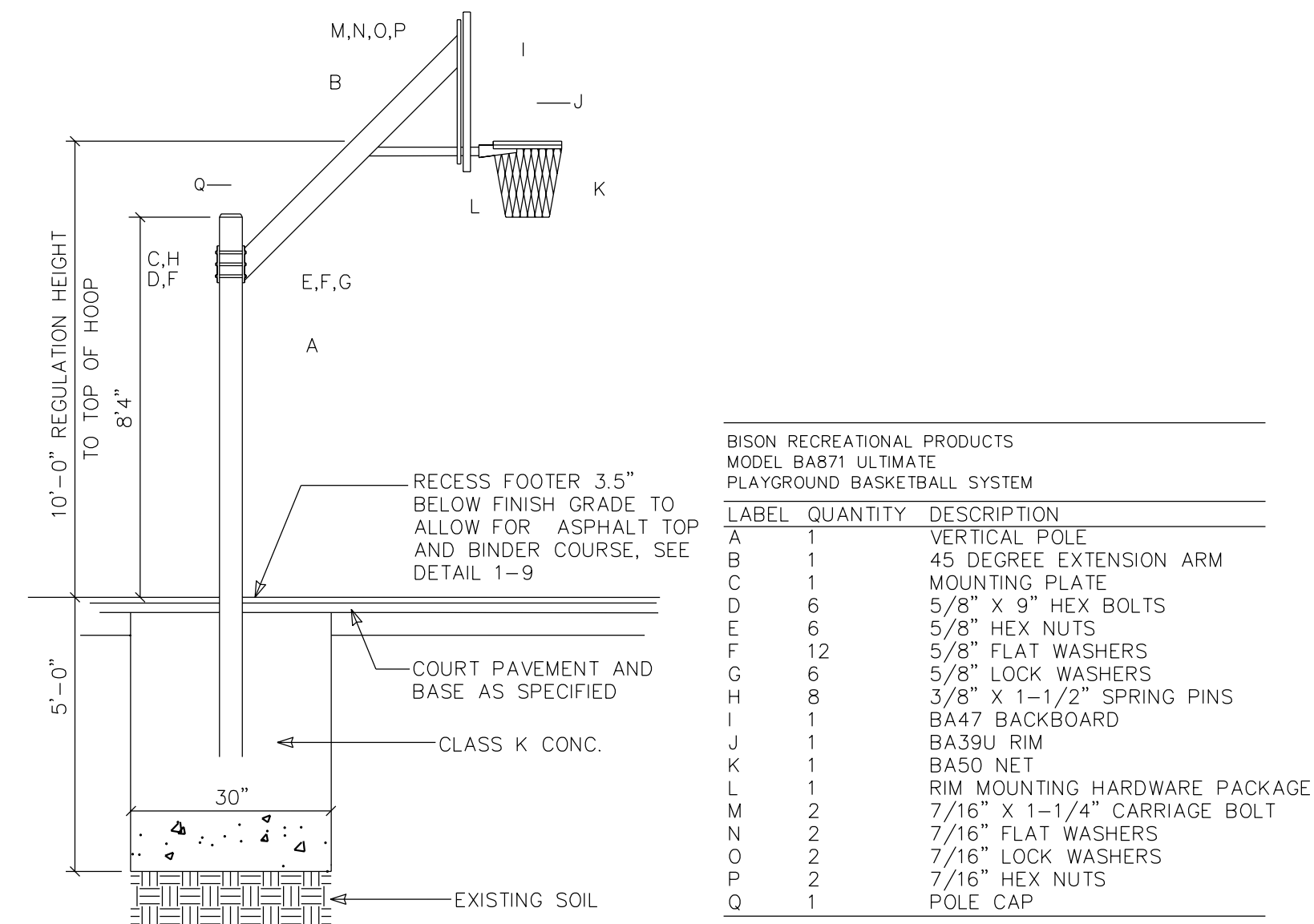
1 COURT STRIPING AND FENCE LAYOUT

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



3 TENNIS NET POST FOOTING

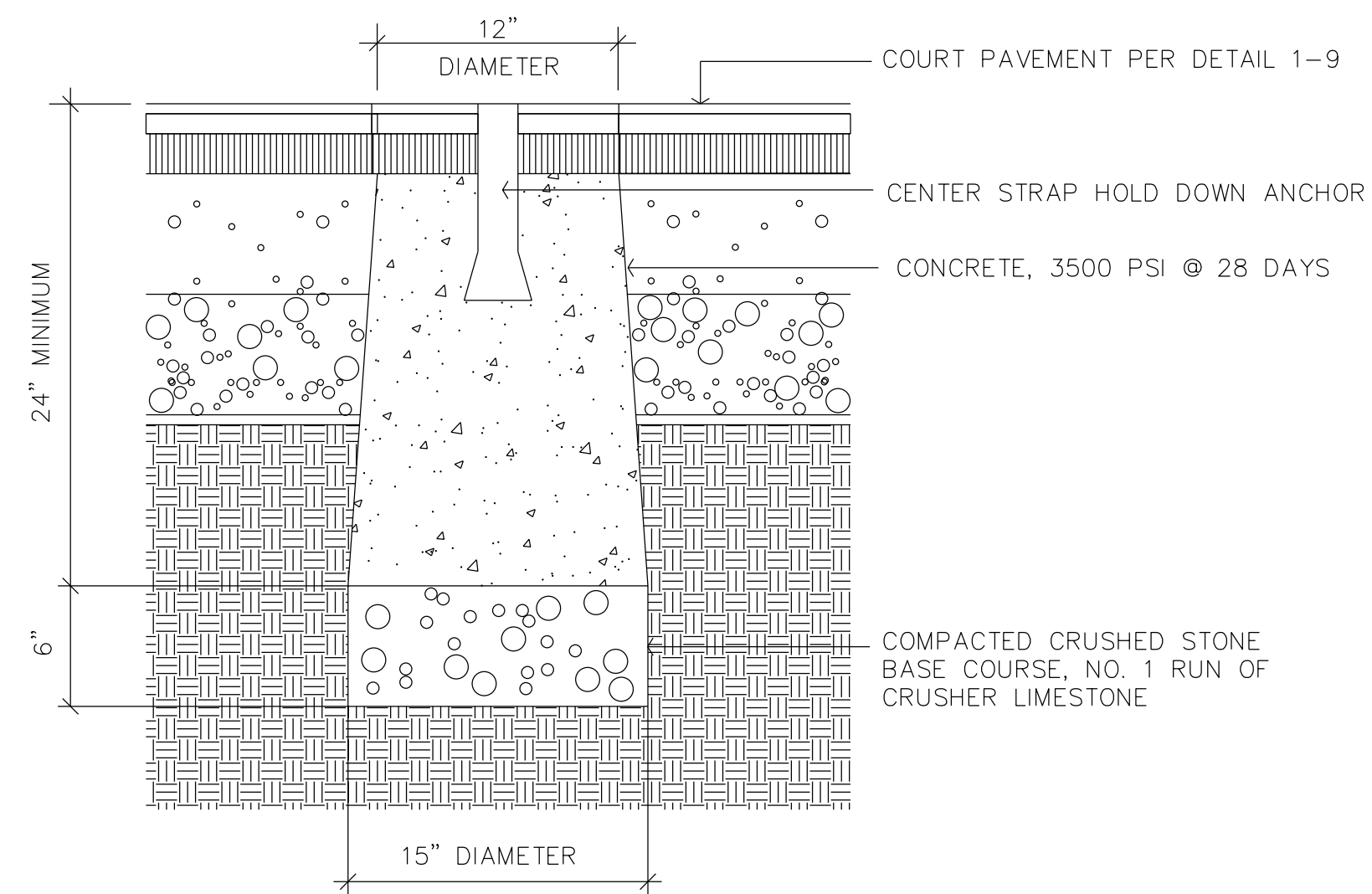
11 SCALE: 1-1/2" = 1'-0"



- INSTALLATION NOTES
- POSITION BACKBOARD AS INDICATED ON PLANS. REMEMBER THAT THERE IS APPROX. 5' FROM BACKBOARD TO POLE.
 - DIG A 30" DIAMETER BY 60" DEEP HOLE.
 - SET POLE AND BE SURE THAT AT LEAST 8'-4" OF POLE EXTENDS ABOVE FINISHED PLAYING SURFACE.
 - POUR CONCRETE AND ALLOW 48 HOURS MIN. CURING TIME. POLE MAY REQUIRE SUPPLEMENTAL BRACING TO INSURE PERFECT VERTICALITY.
 - MOUNT THE 45 DEGREE EXTENSION ARM AS SHOWN USING HARDWARE PROVIDED.
 - INSTALL BACKBOARD OVER THE TOP LIP ON THE EXTENSION ARM AND ATTACH BACKBOARD TO ARM WITH THE 7/16" HARDWARE PROVIDED. FINGER TIGHTEN ONLY.
 - TIGHTEN ALL BOLTS MAKING SURE RIM IS AT DESIRED HEIGHT.
 - INSTALL NET AND POLE CAP.
 - THIS DETAIL IS ADAPTED FROM A DRAWING PROVIDED BY THE CITY OF ROCHESTER.

2 BASKETBALL BACKBOARD

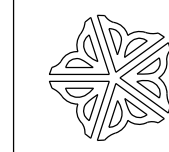
11 NOT TO SCALE



4 CENTER STRAP HOLD DOWN ANCHOR

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

Department of Environmental Services
Bureau of Engineering Services
City of Rochester, New York
Project Landscape Architect
Engineer in Charge
City Engineer

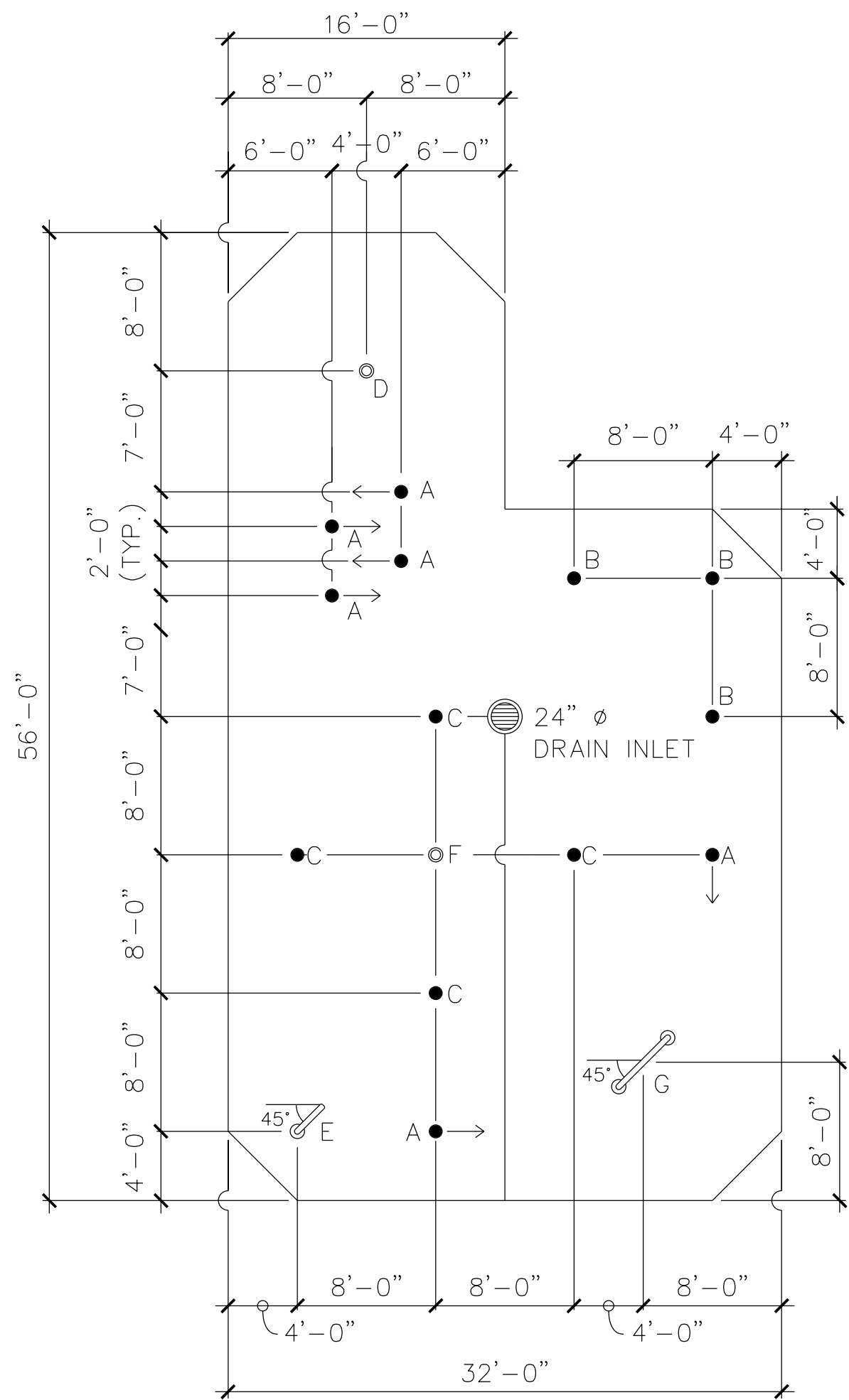


Jeffery J. Mroczek
Joann D. Beck, RLA
George H. Stam, PE

Scale:	Checked By:	Drawn By:	Date:	Project No:	Revisions	By	Date
(as noted)	MHB	RHW	7/15/02	20042			
		Buyer Assoc.					

CARTER RECREATION CENTER
SITE IMPROVEMENTS

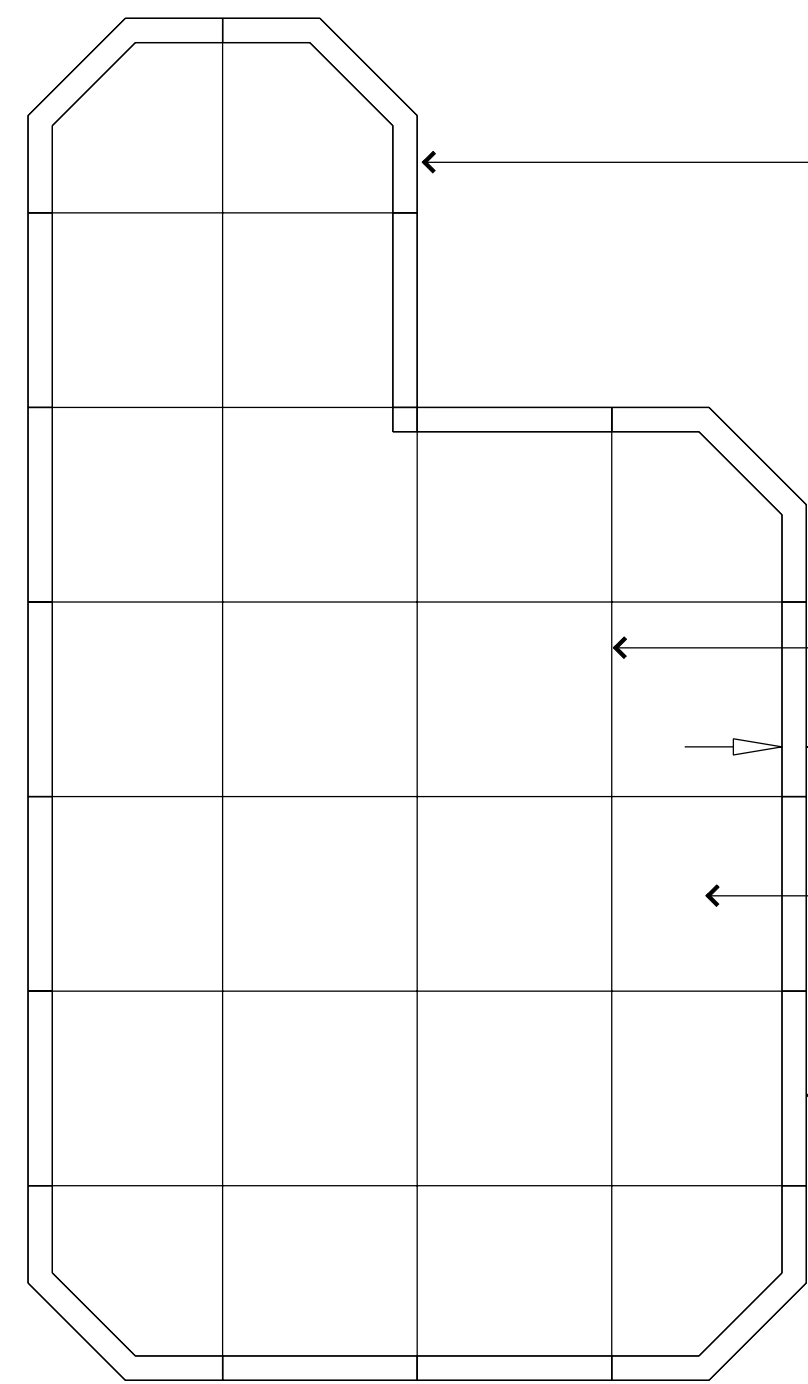
COURT DETAILS



LEGEND

- A WATER JET (ARCHED) – WATER ODYSSEY "AQUA ARCH" OR APPROVED EQUAL
- B GROUND SPRAY – WATER ODYSSEY "DADDY LONG LEGS" OR APPROVED EQUAL
- C WATER JET (VERTICAL) – WATER ODYSSEY "JET WAY" OR APPROVED EQUAL
- D BOLLARD FOUNTAIN – WATER ODYSSEY "MUSHROOM MAZE" OR APPROVED EQUAL
- E CANE FOUNTAIN – WATER ODYSSEY "STEP N' WHOOSH" OR APPROVED EQUAL
- F COLUMNAR FOUNTAIN – WATER ODYSSEY "WATER WHOOPEE" OR APPROVED EQUAL
- G ARCHWAY FOUNTAIN (VERTICAL SPRAY) – WATER ODYSSEY "WATER WAY" OR APPROVED EQUAL

NOTES:
1. SEE SHEET 4 (PAVING PLAN) FOR INFORMATION DETAILING THE LAYOUT OF CONCRETE SCORING AND LOCATION OF CONTROL JOINTS.
2. ALL WATER PLAY FEATURES SHALL BE WATER CONSERVING MODELS WHEN THAT OPTION IS AVAILABLE IN THE PRODUCT LINE.



LIMITS OF WATER PLAY AREA. IN THE EVENT THAT THE CITY EXERCISES ITS OPTION ON EITHER DEDUCT ALTERNATE NO. 1 OR NO. 2, THIS AREA SHALL REMAIN PEDESTRAIN GRADE CONCRETE PAVEMENT PER DETAIL 8-9, WITH STEEL REINFORCEMENT.

CONTROL JOINT (BELOW) TYP.

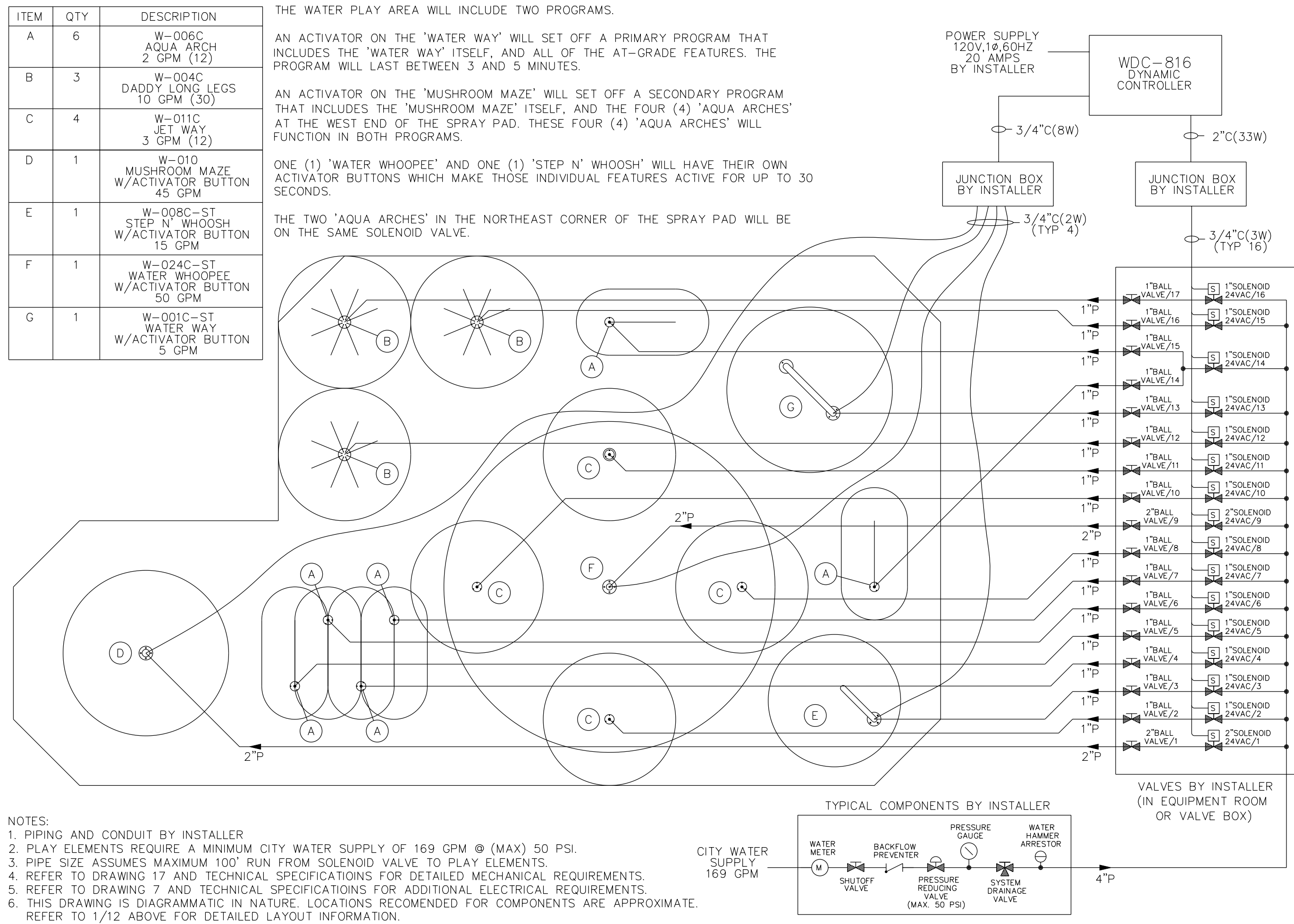
SAFETY SURFACE COLOR NO. 1

SAFETY SURFACE COLOR NO. 2

NOTE:
A 1/2" EPDM, 100% COLOR, POURED RUBBER SAFETY SURFACE WITH AN ALPHATIC BINDER IS SPECIFIED AS PART OF ADD ALTERNATE NO. 10 THIS SAFETY SURFACE IS TO BE COMPOSED OF TWO COLORS TO BE SELECTED BY THE OWNER'S REPRESENTATIVE FROM THE MANUFACTURER'S FULL STANDARD RANGE (EXCLUDING RED AND BLACK). A 1'-0" BORDER OF ONE COLOR WILL BE LOCATED ALONG THE EDGE OF THE SPRAY PAD, AND A SECOND COLOR WILL BE PLACED IN THE CENTER. SAFETY SURFACE TO BE SURFACE AMERICA "VERTOP" OR AN APPROVED EQUAL.

1 FOUNTAIN LAYOUT
12 SCALE: 1/8" = 1'-0"

3 SAFETY SURFACE LAYOUT
12 SCALE: 1/8" = 1'-0"



NOTES:
1. PIPING AND CONDUIT BY INSTALLER
2. PLAY ELEMENTS REQUIRE A MINIMUM CITY WATER SUPPLY OF 169 GPM @ (MAX) 50 PSI.
3. PIPE SIZE ASSUMES MAXIMUM 100' RUN FROM SOLENOID VALVE TO PLAY ELEMENTS.
4. REFER TO DRAWING 17 AND TECHNICAL SPECIFICATIONS FOR DETAILED MECHANICAL REQUIREMENTS.
5. REFER TO DRAWING 7 AND TECHNICAL SPECIFICATIONS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
6. THIS DRAWING IS DIAGRAMMATIC IN NATURE. LOCATIONS RECOMMENDED FOR COMPONENTS ARE APPROXIMATE. REFER TO 1/12 ABOVE FOR DETAILED LAYOUT INFORMATION.

2 PIPING SCHEMATICS
12 SCALE 3/16" = 1'

Scale:	(as noted)	Checked By:	MHB	Drawn By:	WRM	Design By:	Bayer Assoc.	Date:	7/15/02	Project No:	20042	No.
Revisions												
By												
Date												



THIS DETAIL WAS ADAPTED FROM A DRAWING PROVIDED BY WATER ODYSSEY AQUATIC PLAYGROUND EQUIPMENT, SAN MARCOS, TX.

Splash Zone



THIS DETAIL WAS ADAPTED FROM A DRAWING PROVIDED BY WATER ODYSSEY AQUATIC PLAYGROUND EQUIPMENT, SAN MARCOS, TX.

Splash Zone



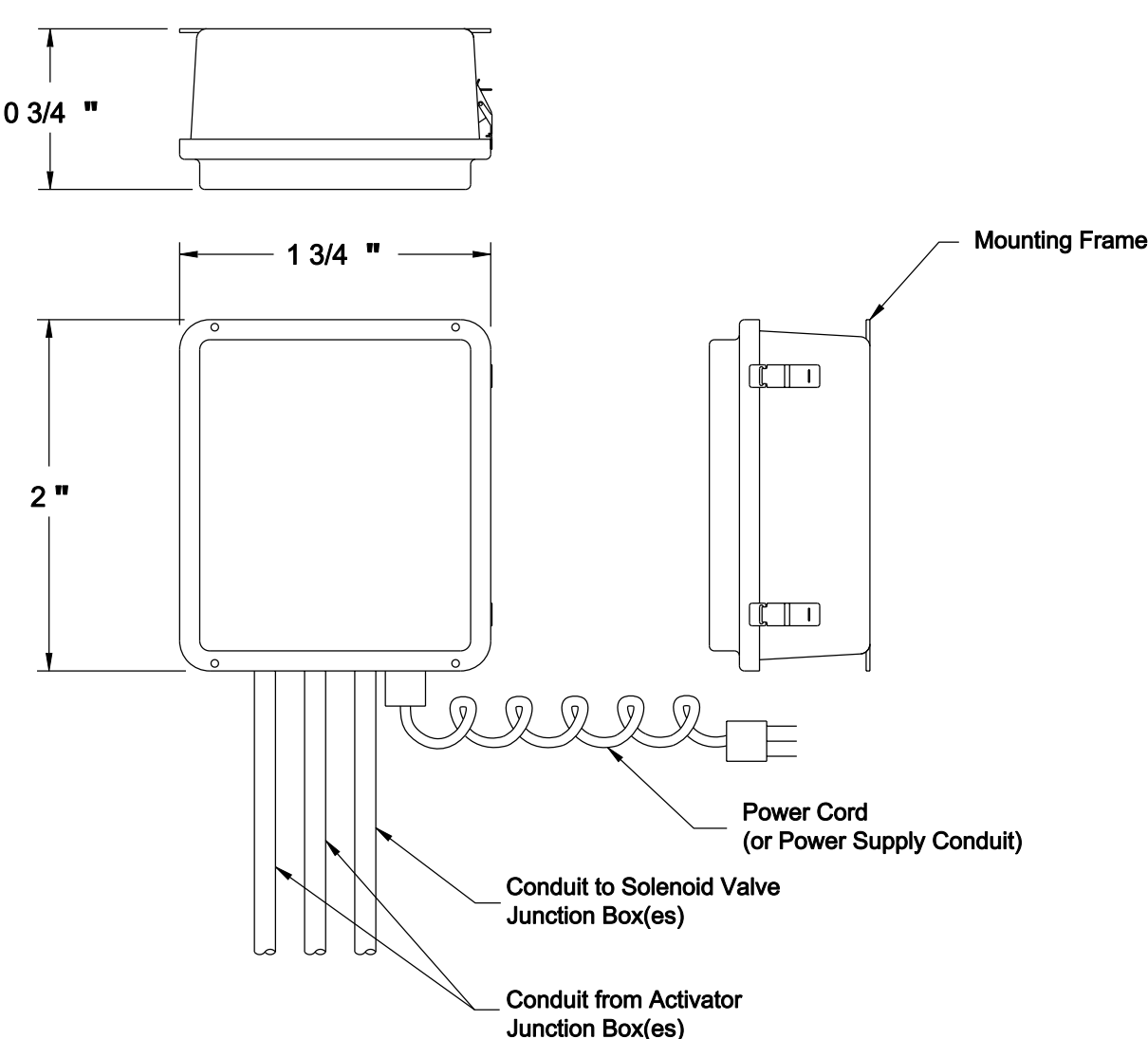
THIS DETAIL WAS ADAPTED FROM A DRAWING PROVIDED BY WATER ODYSSEY AQUATIC PLAYGROUND EQUIPMENT, SAN MARCOS, TX.

Splash Zone



NOTE: BOLLARD FOUNTAIN SHALL BE WATER ODYSSEY "MUSHROOM MAZE" OR APPROVED EQUAL.

(D) BOLLARD FOUNTAIN
NOT TO SCALE



Specifications

THIS DETAIL WAS ADAPTED FROM A DRAWING PROVIDED BY WATER ODYSSEY AQUATIC PLAYGROUND EQUIPMENT, SAN MARCOS, TX.

FOUNTAIN CONTROL DEVICE
NOT TO SCALE



THIS DETAIL WAS ADAPTED FROM A
DRAWING PROVIDED BY WATER
ODYSSEY AQUATIC PLAYGROUND
EQUIPMENT, SAN MARCOS, TX.

Anchor Base



THIS DETAIL WAS ADAPTED FROM A
DRAWING PROVIDED BY WATER
ODYSSEY AQUATIC PLAYGROUND
EQUIPMENT, SAN MARCOS, TX.

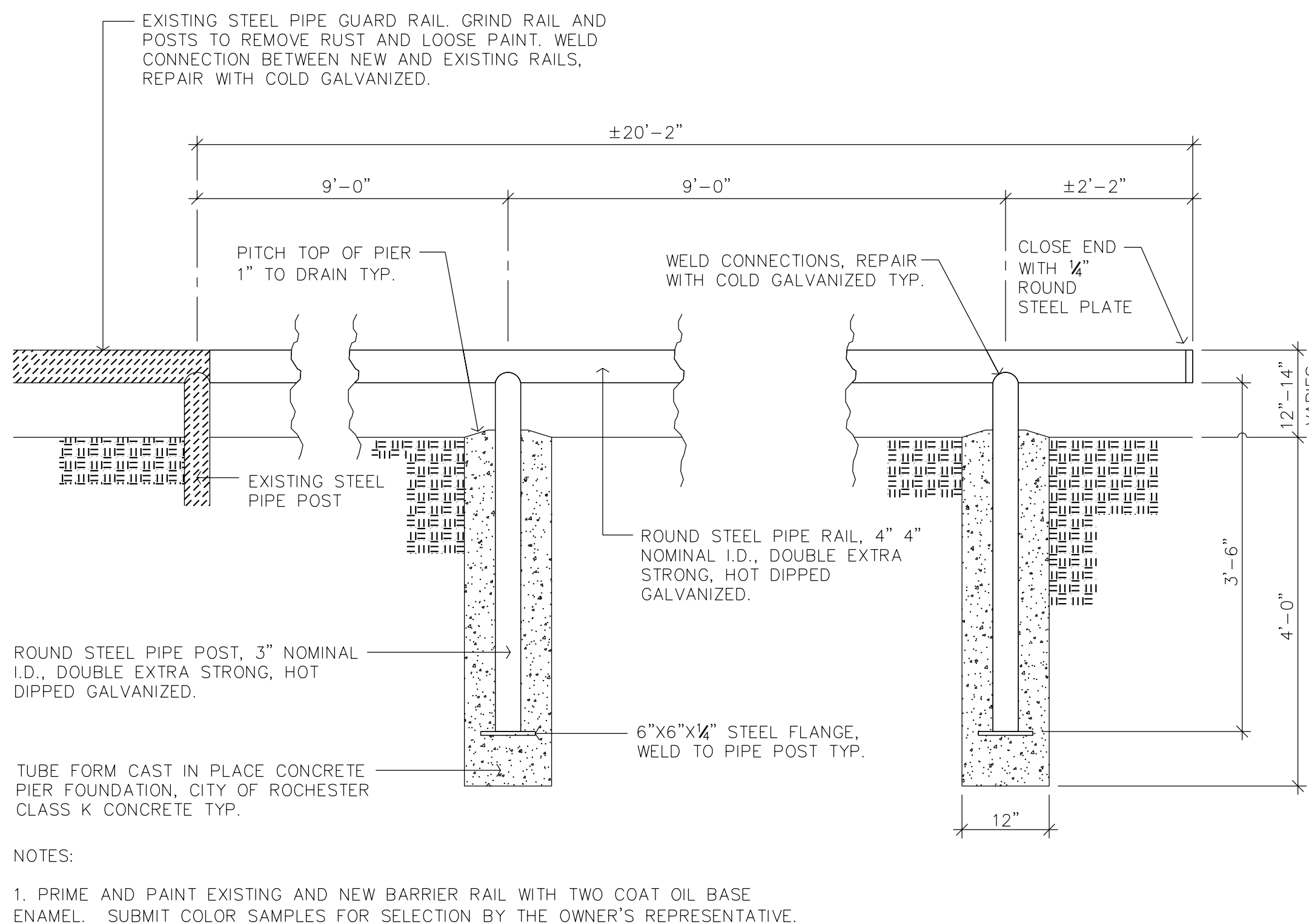
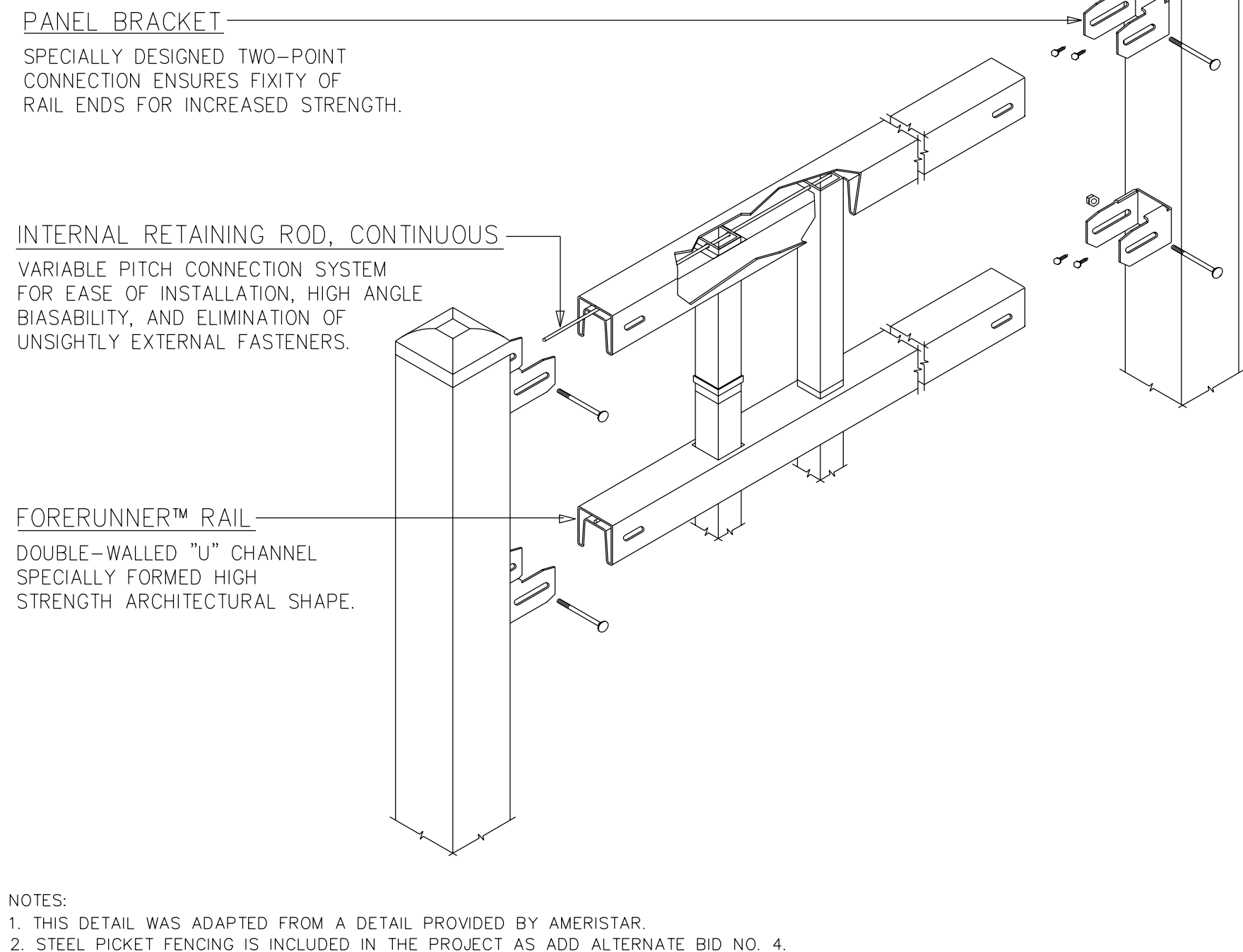
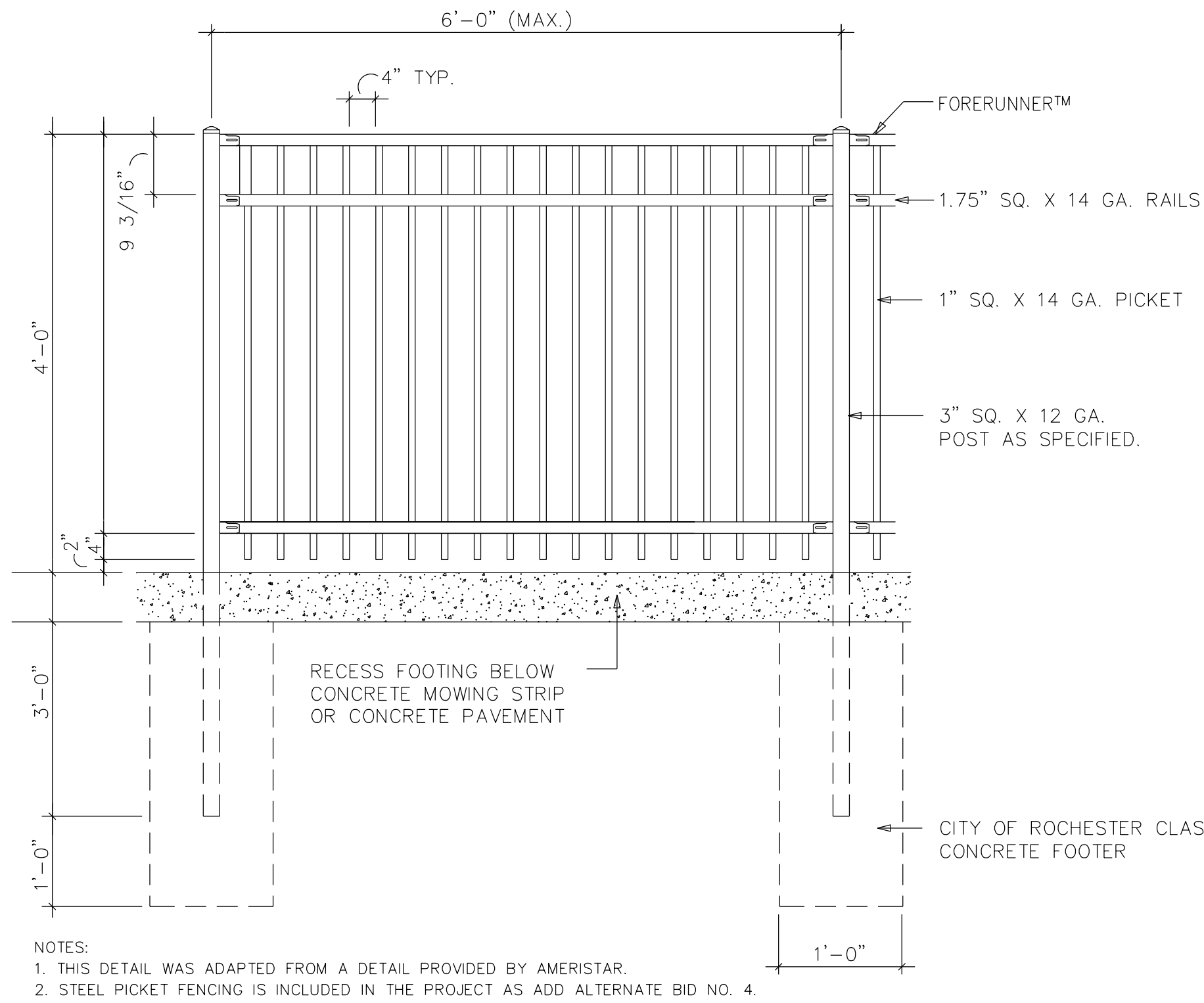
Anchor Base



THIS DETAIL WAS ADAPTED FROM A
DRAWING PROVIDED BY WATER
ODYSSEY AQUATIC PLAYGROUND
EQUIPMENT, SAN MARCOS, TX.

7 (G) ARCHWAY FOUNTAIN
13 NOT TO SCALE

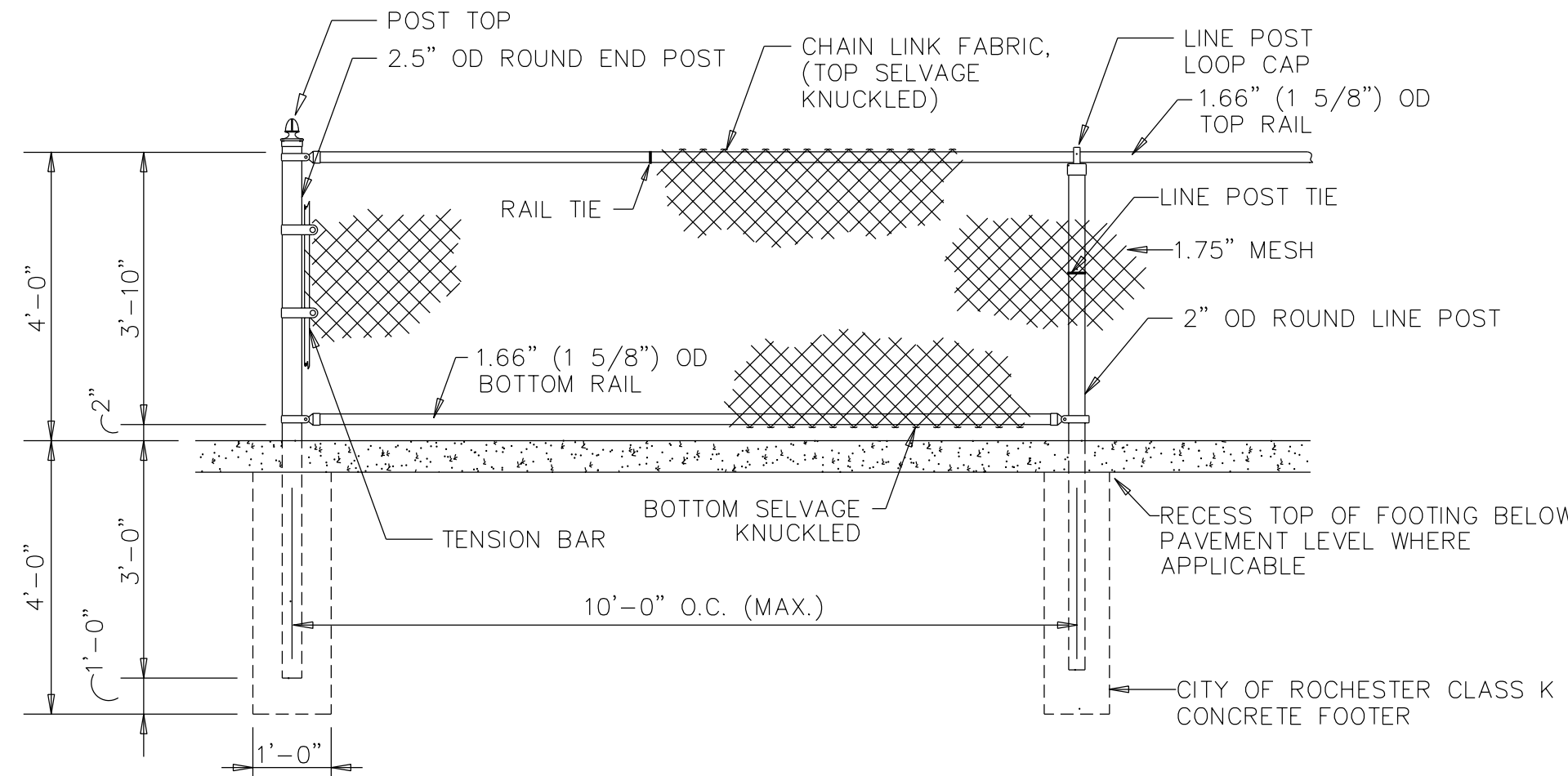
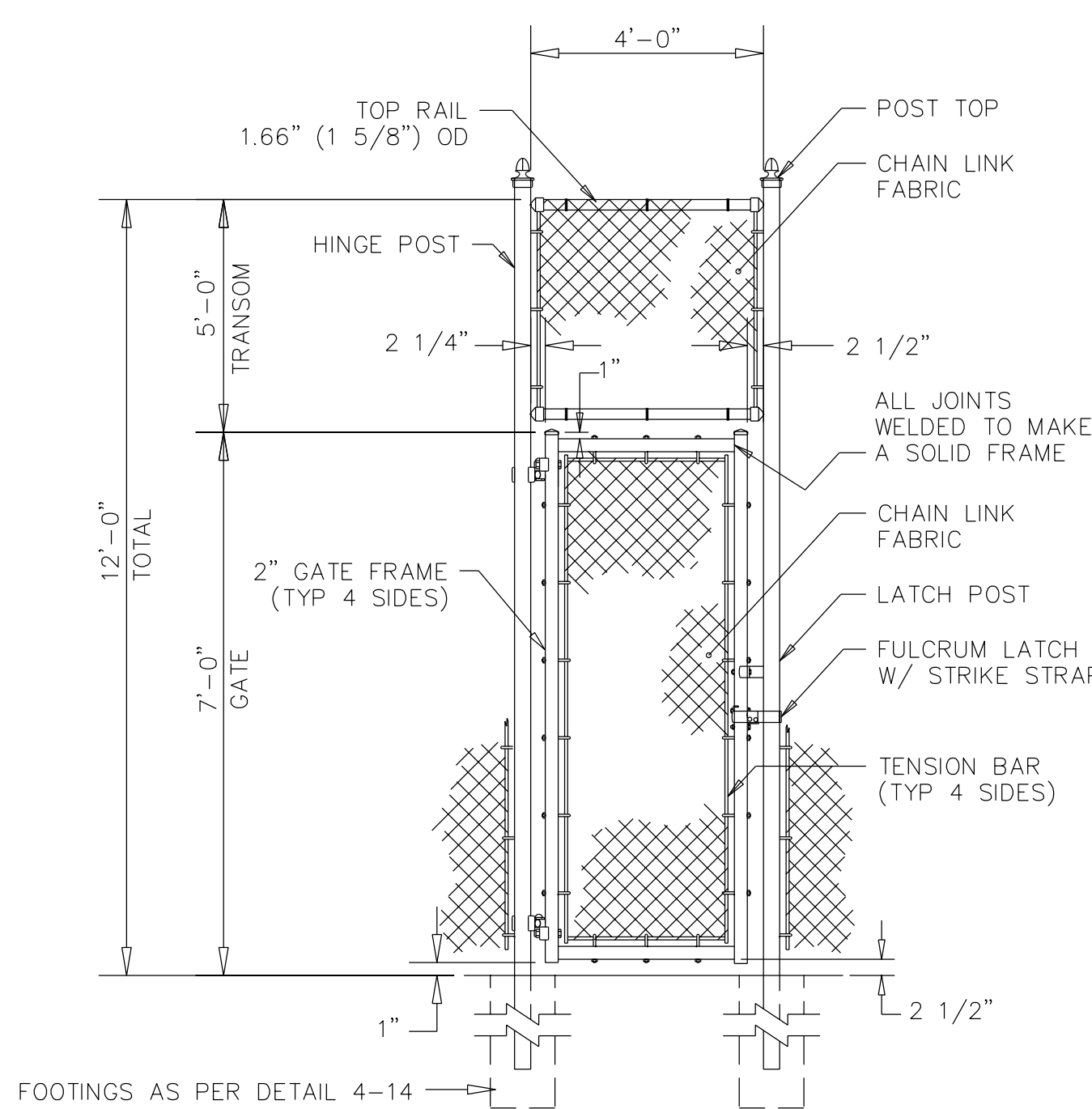
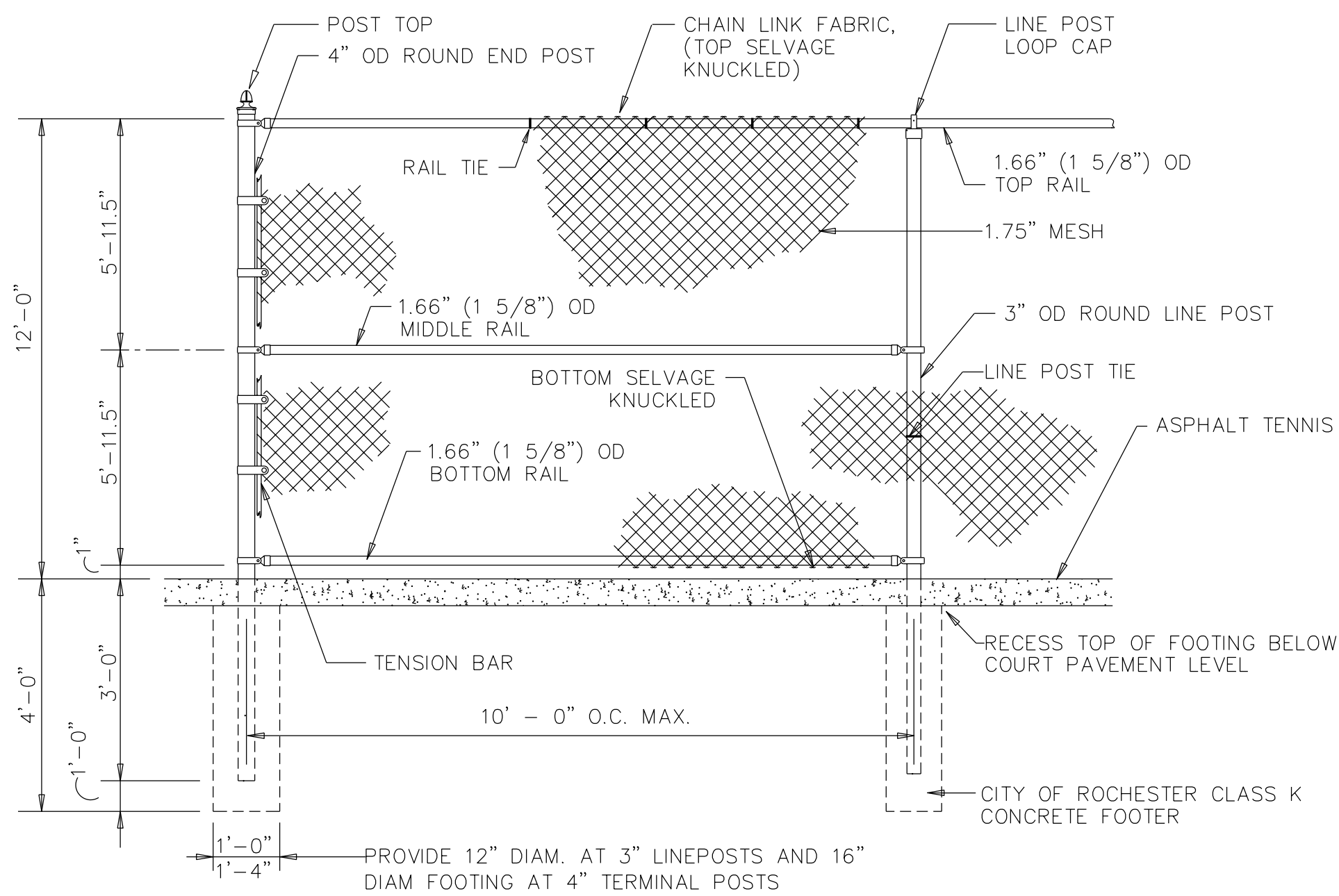
[illegible]



1 STEEL PICKET FENCE ELEVATION
14 NOT TO SCALE

2 STEEL PICKET FENCE RAIL ASSEMBLY
14 NOT TO SCALE

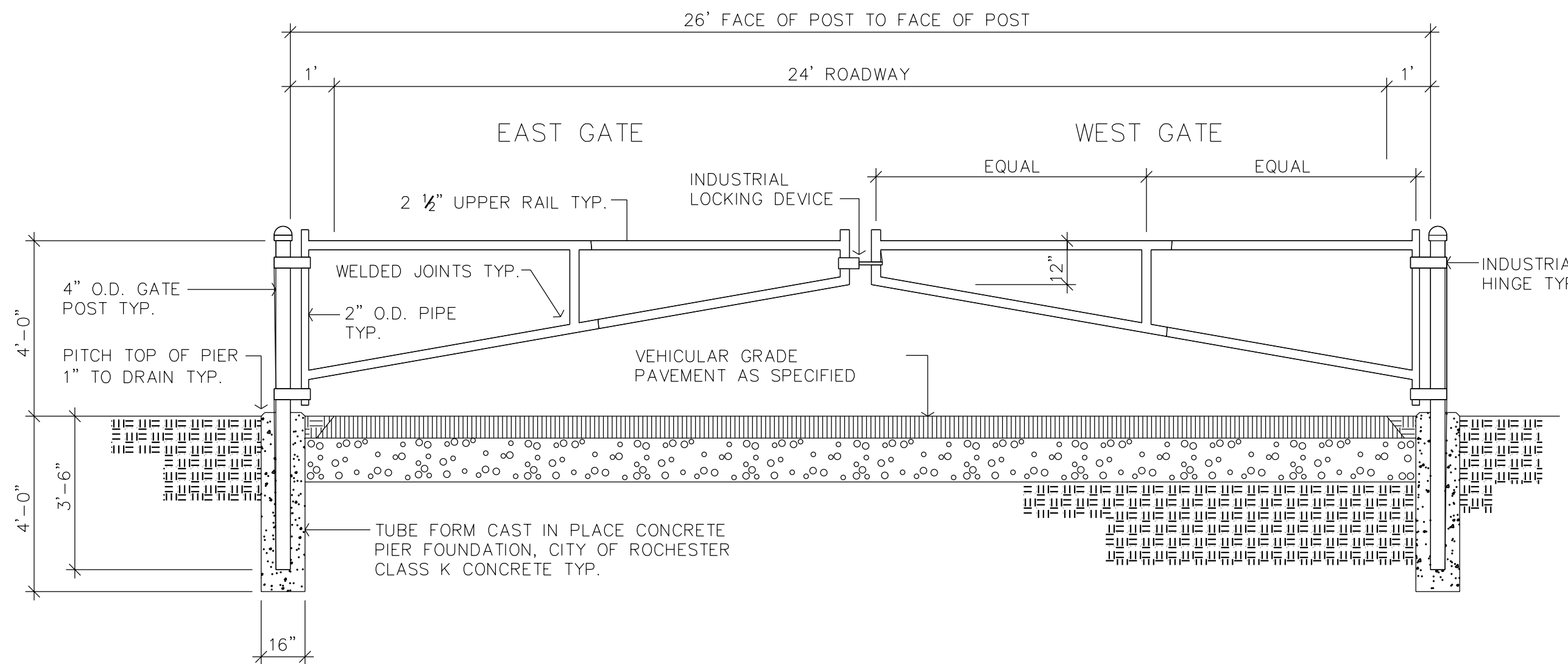
3 VEHICULAR BARRIER RAIL
14 SCALE: 3/4"=1'-0"



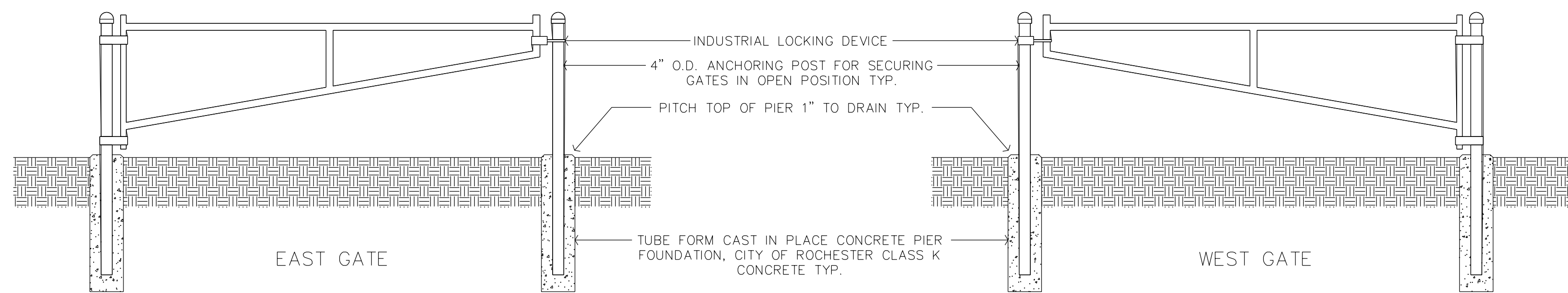
4 12' CHAIN LINK FENCE ELEVATION
14 NOT TO SCALE

5 CHAIN LINK FENCE GATE ELEVATION
14 NOT TO SCALE

6 4' CHAIN LINK FENCE ELEVATION
14 NOT TO SCALE

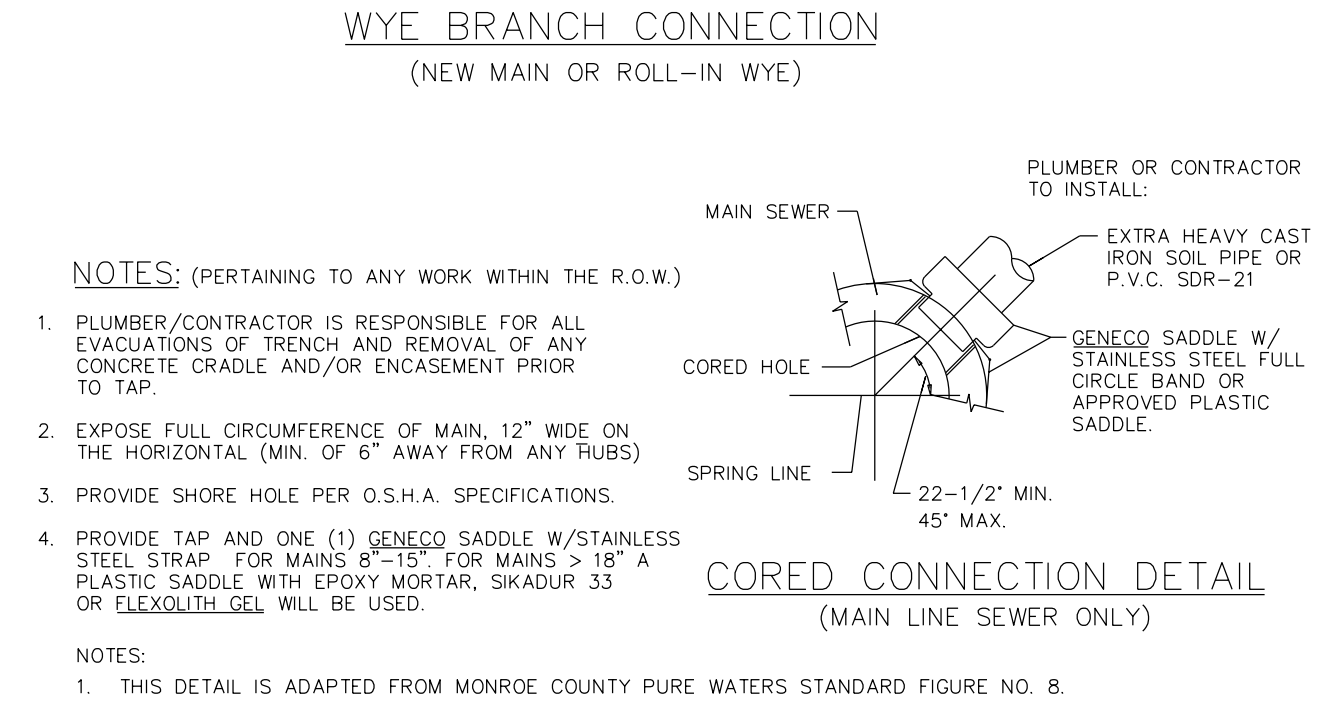
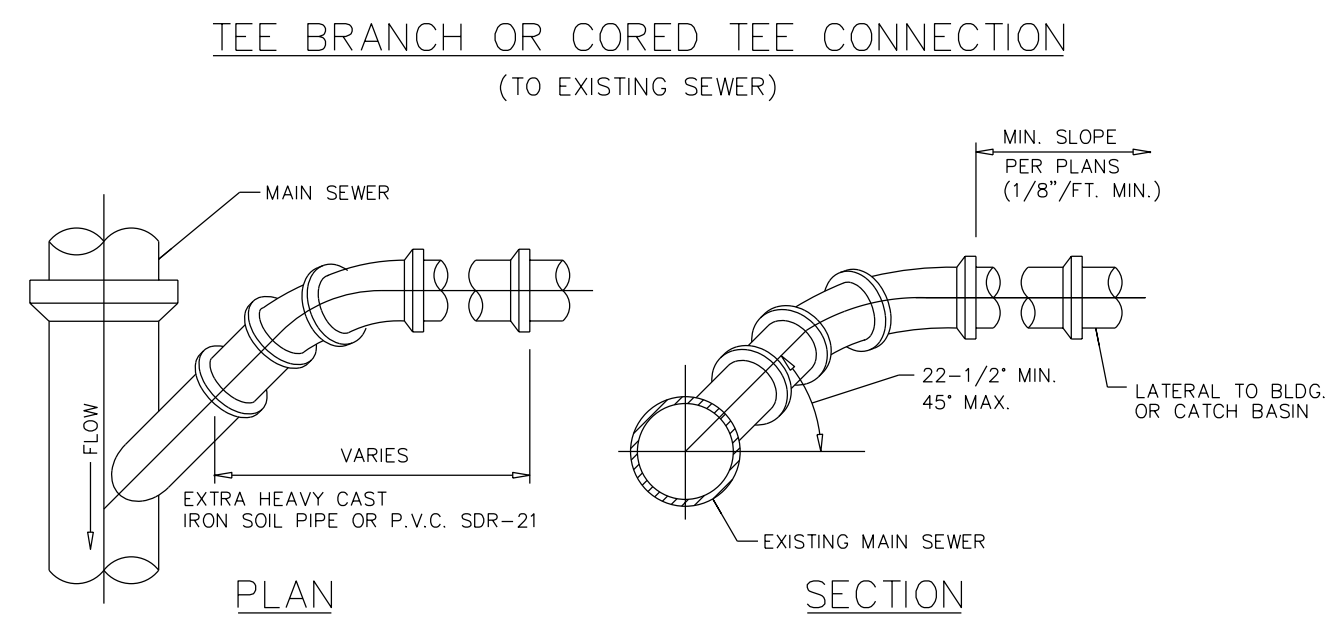
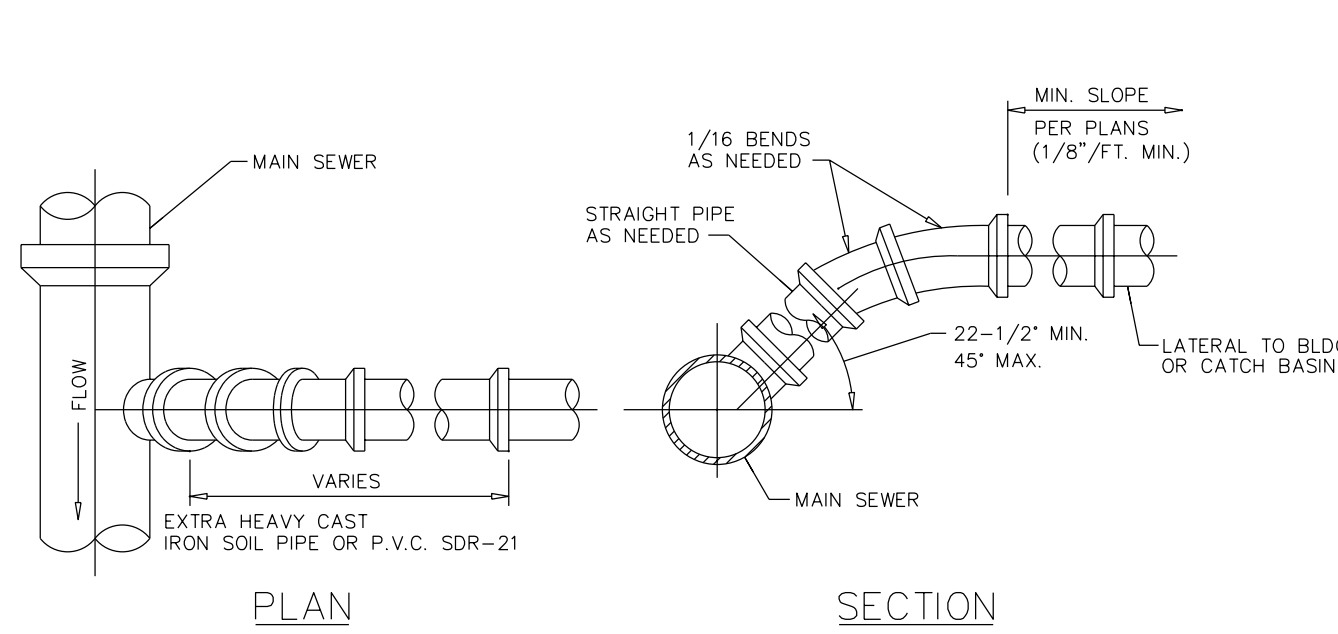


- NOTES:
1. ALL PIPE SHALL BE FENCE INDUSTRY STANDARD GALVANIZED.
 2. ALL WELDS SHALL BE REPAIRED WITH COLD GALVANIZED.
 3. FINISH: PRIME AND PAINT TWO COAT OIL BASE ENAMEL, SUBMIT COLOR SAMPLES FOR SELECTION BY OWNER'S REPRESENTATIVE.
 4. SUBMIT FABRICATION SHOP DRAWING FOR REVIEW AND APPROVAL.
 5. SEE SHEET 3 FOR LAYOUT INFORMATION FOR THE GATE UNIT.

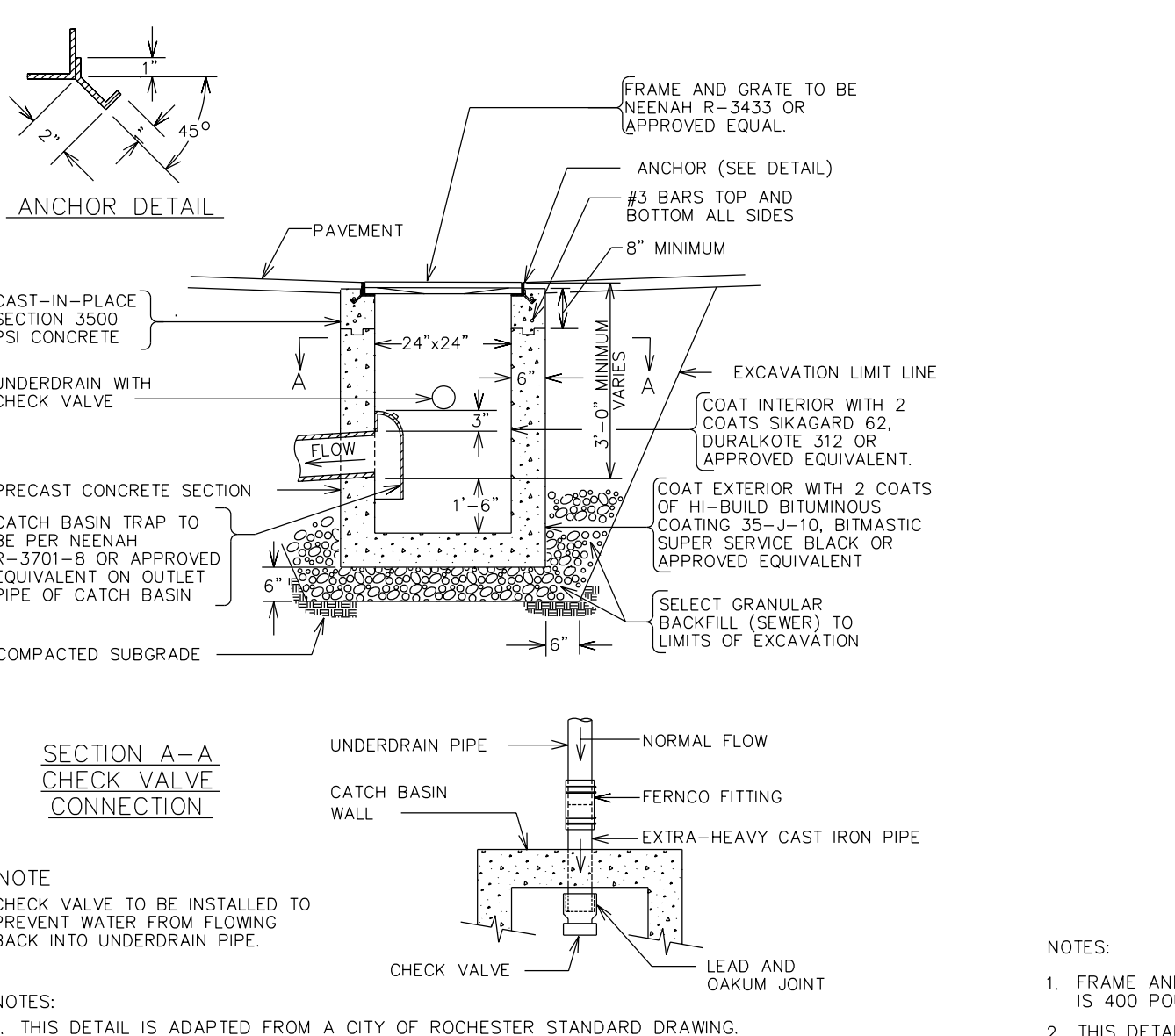


7 DRIVEWAY SWING GATES
14 NOT TO SCALE

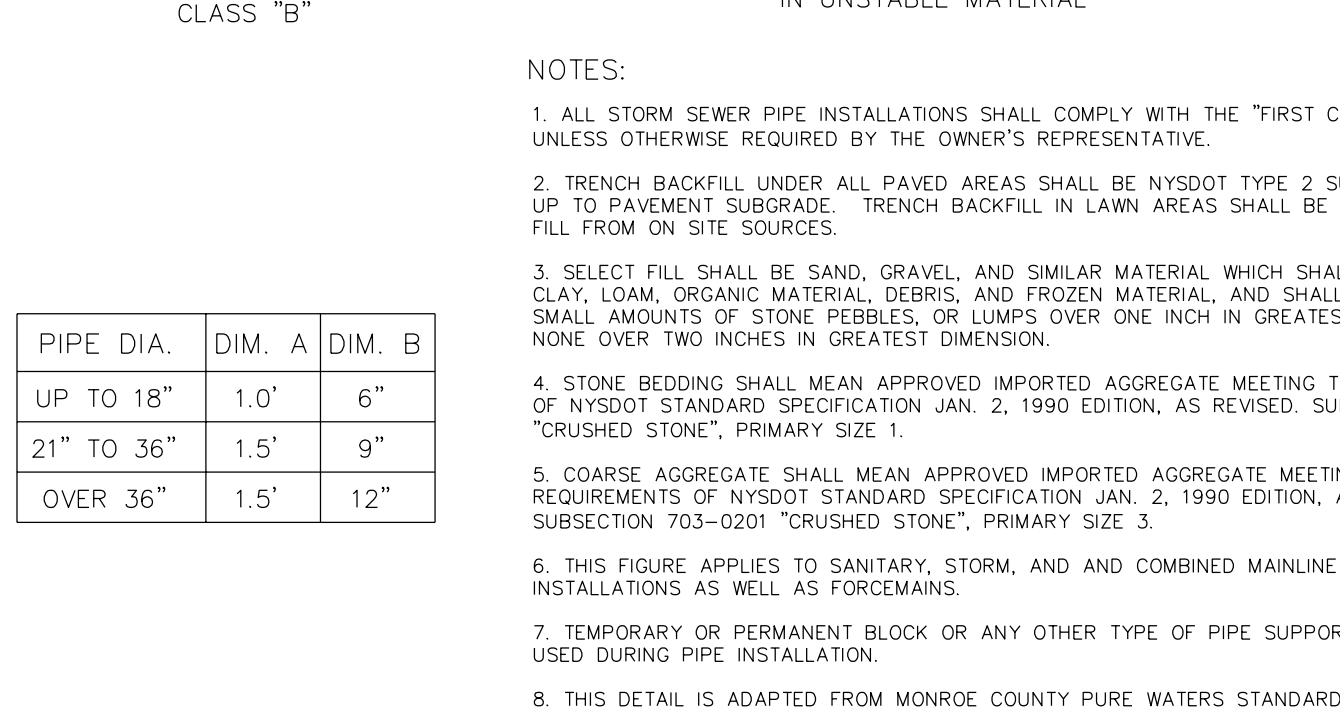
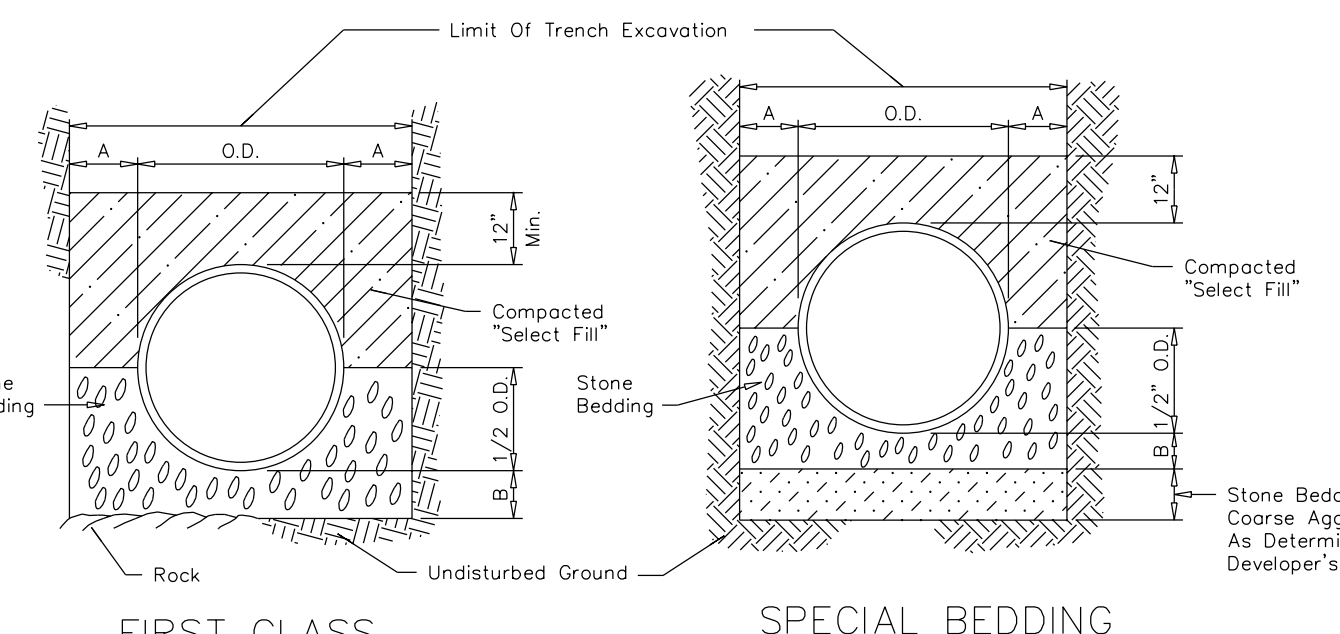
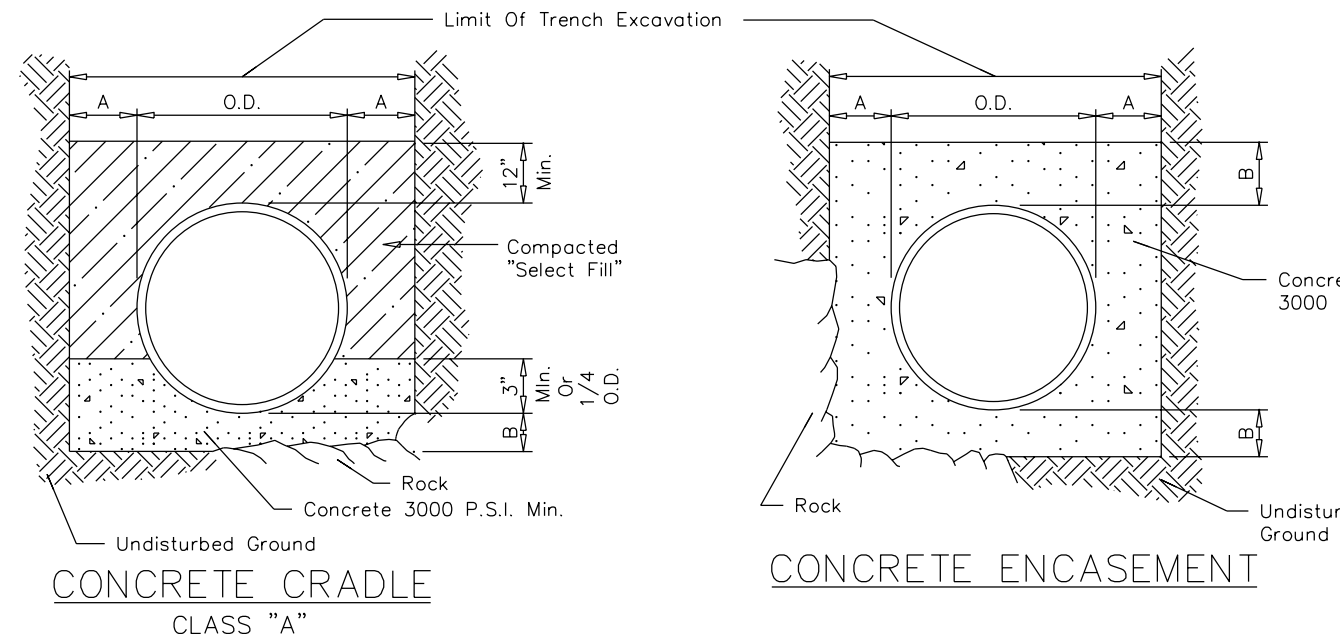
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(as noted)	MMB	RHW	Bayer Assoc.	7/15/02	20042	No.			



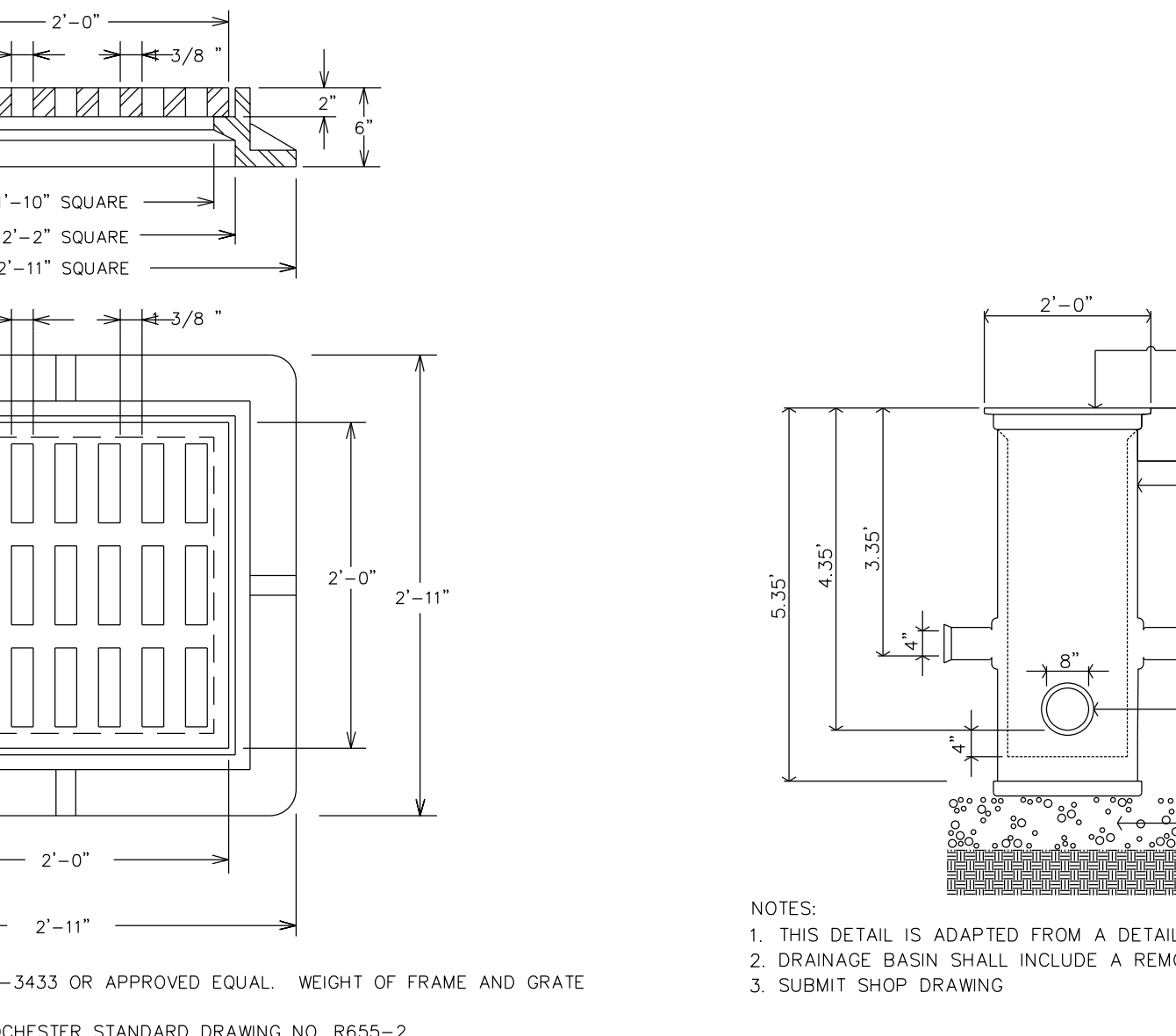
1 GENERAL LAYOUT FOR LATERAL CONNECTIONS
15 NOT TO SCALE



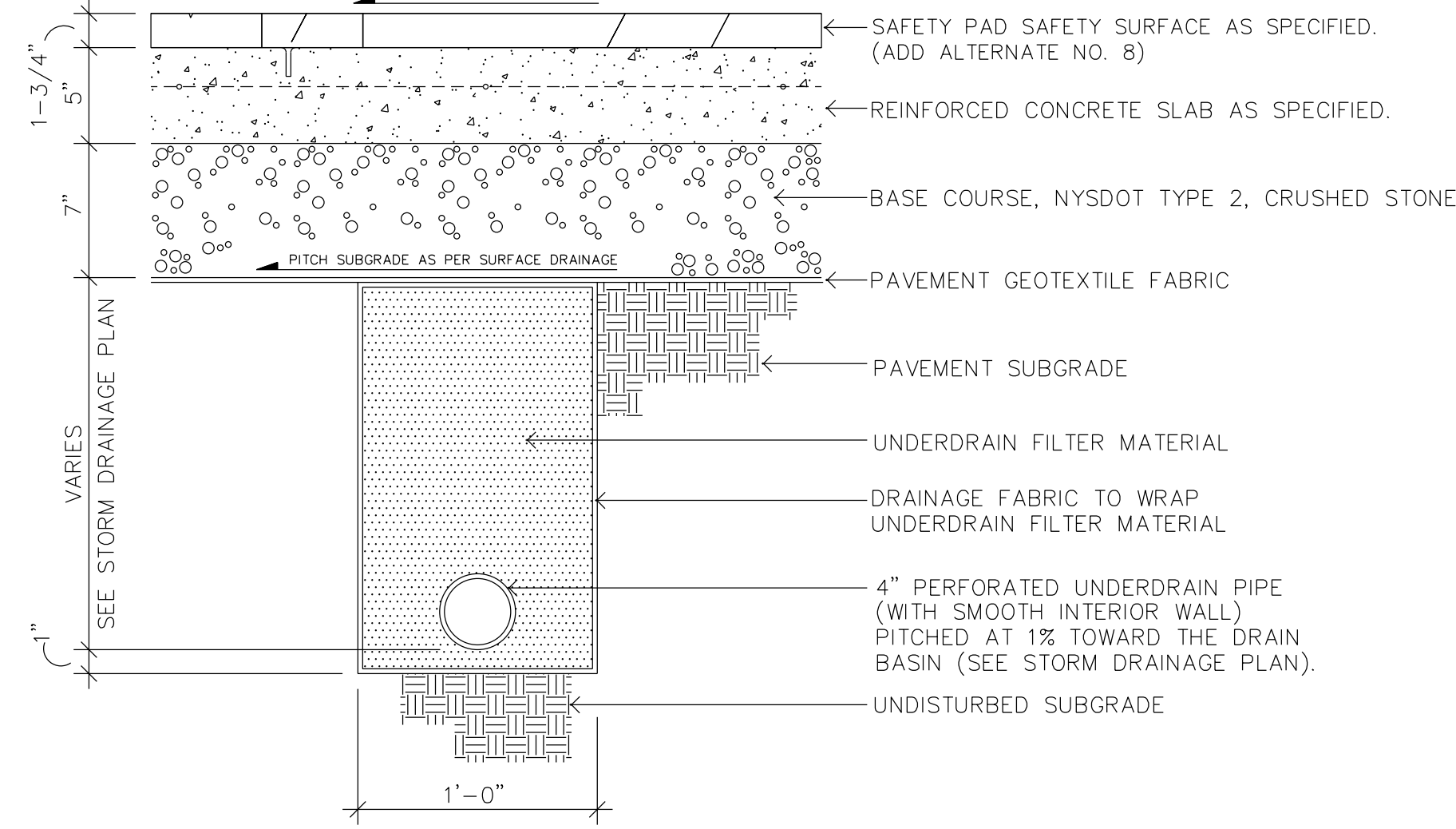
4 CATCH BASIN WITH TRAP
15 NOT TO SCALE



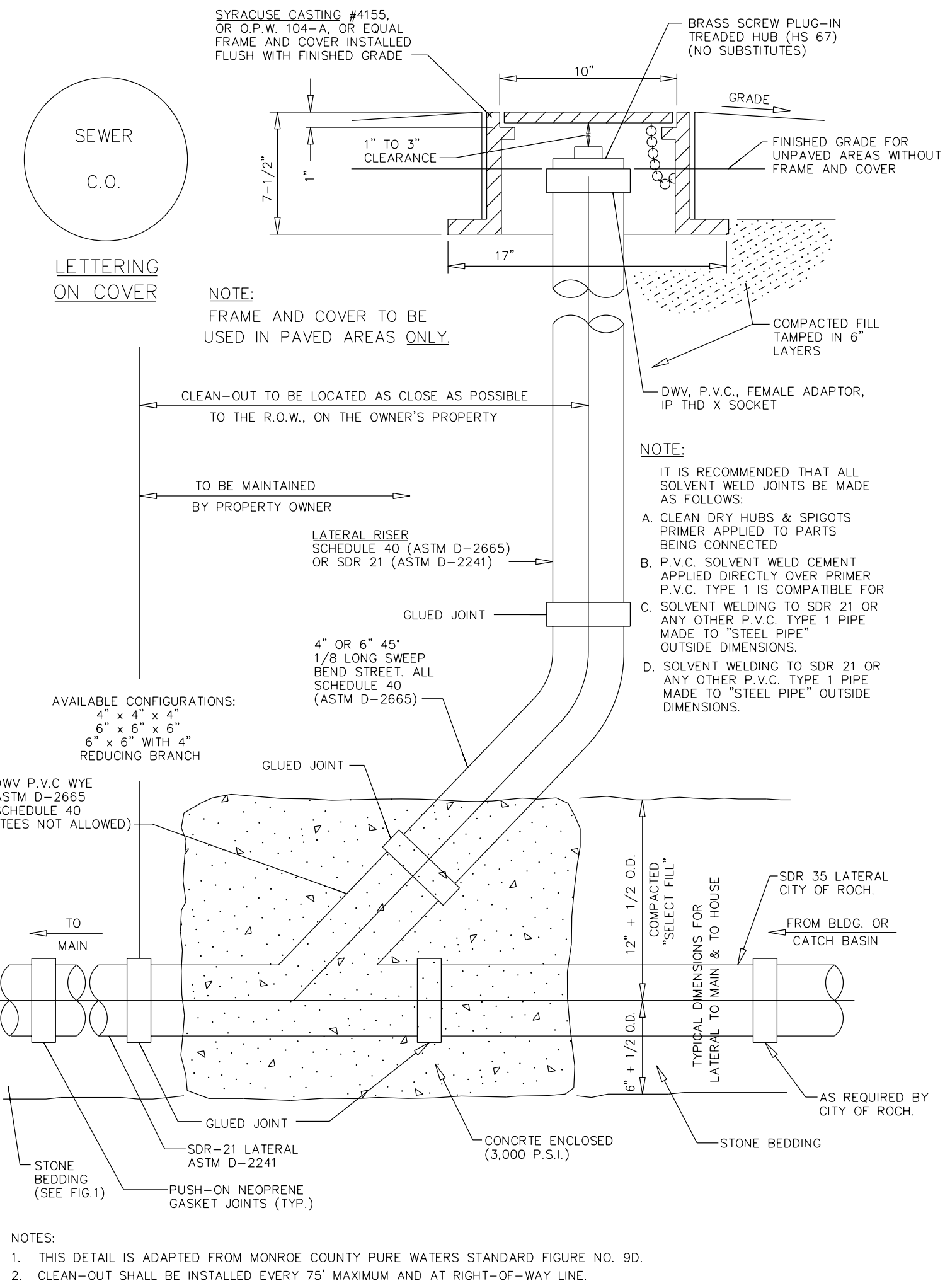
2 BEDDING DETAILS
15 NOT TO SCALE



5 CATCH BASIN GRATE TYPE 'C'
15 NOT TO SCALE



3 SPRAY PAD UNDERDRAINAGE
15 NOT TO SCALE

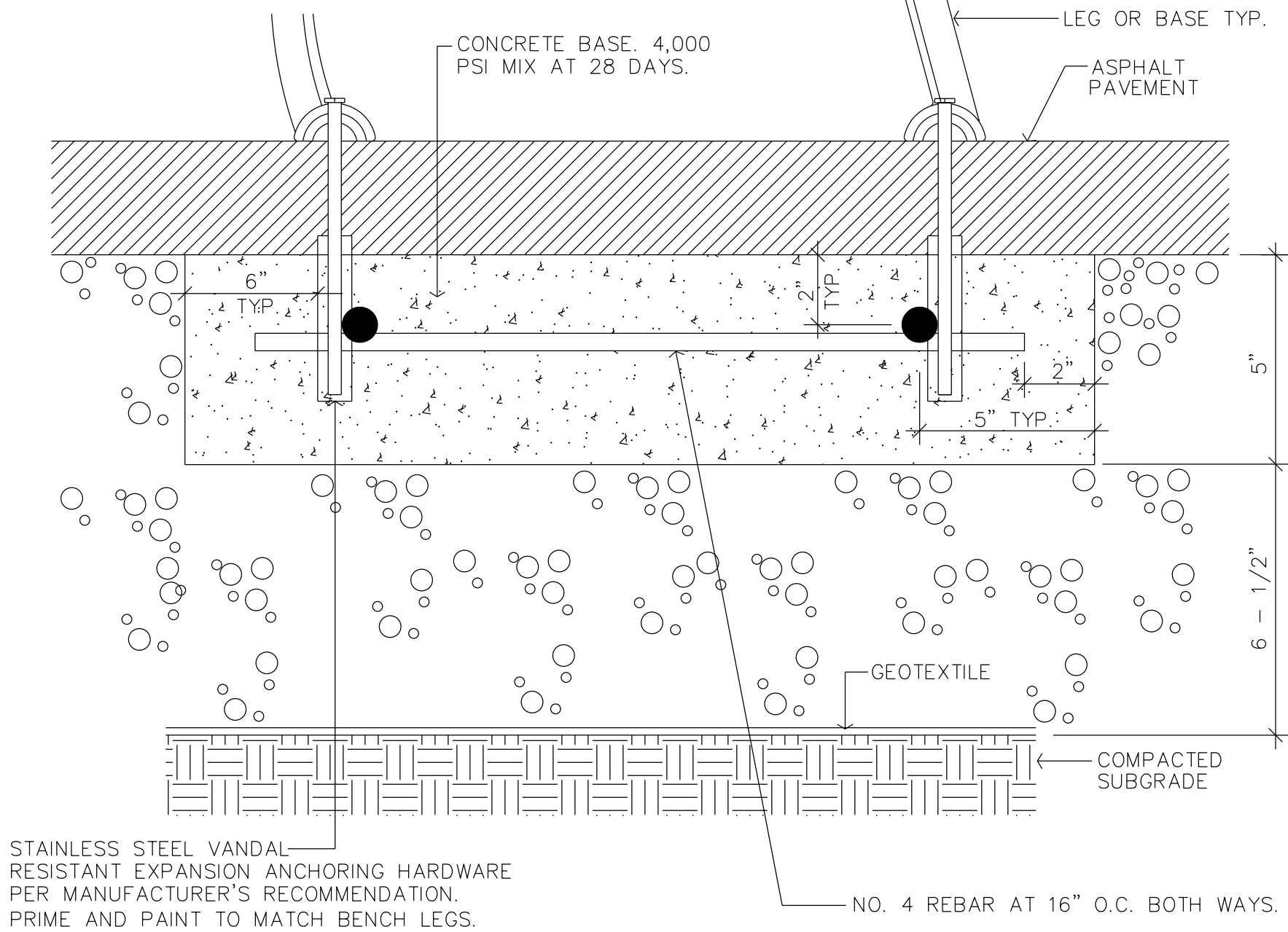


7 4\"/>

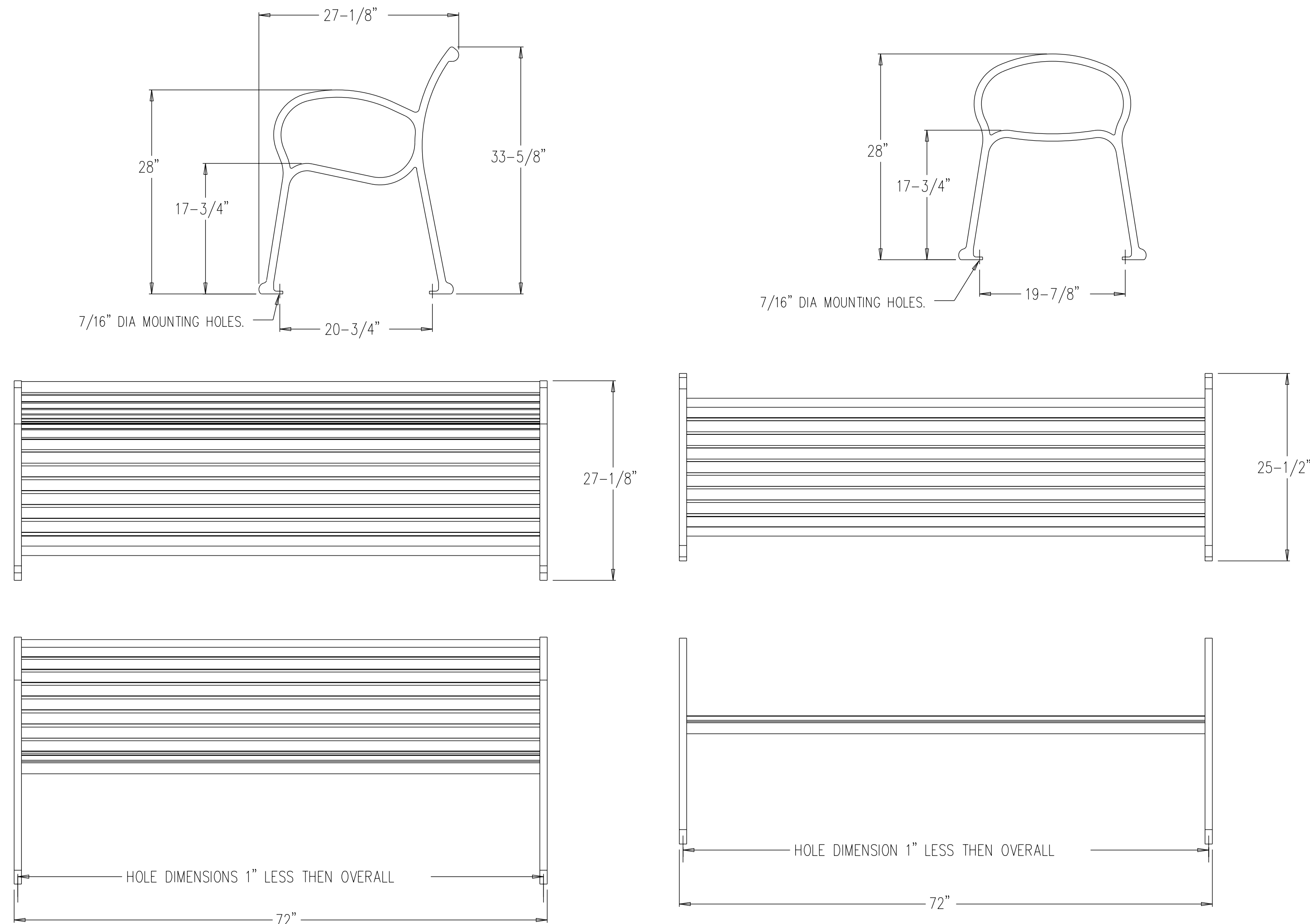
Scale:	Checked By:	Drawn By:	Design By:	Date:	Project No:	No.
(as noted)	NHB	RHW	Bayer Assoc.	7/15/02	20042	

NOTES:

1. WHERE BENCHES, TRASH RECEPTACLES, AND BICYCLE RACKS ARE TO BE LOCATED IN CONCRETE PAVEMENT, THEY ARE TO BE SURFACE MOUNTED PER THE MANUFACTURER'S INSTRUCTIONS USING VANDAL RESISTANT STAINLESS STEEL ANCHORING HARDWARE ON ALL LEGS OR BASES. WHERE BENCHES, TRASH RECEPTACLES, AND BICYCLE RACKS ARE TO BE LOCATED IN ASPHALT PAVEMENT, THEY ARE TO BE SECURED PER THIS DETAIL. STAINLESS STEEL ANCHORING HARDWARE TO BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
2. INSTALLATION OF BENCH, TRASH RECEPTACLE, AND BICYCLE RACK BASES IS INCLUDED IN THE BASE BID. PROVISION AND INSTALLATION OF BENCHES IS INCLUDED AS ADD ALTERNATE NO. 1. PROVISION AND INSTALLATION OF TRASH RECEPTACLES IS INCLUDED AS ADD ALTERNATE NO. 2. INSTALLATION OF BICYCLE RACKS IS INCLUDED UNDER ADD ALTERNATE NO. 3.
3. WHEN REVIEWING DETAIL ALTERNATE NO. 1, THE CONTRACTOR SHALL ACCOUNT FOR THE FACT THAT ADDITIONAL BASES ARE REQUIRED WHEN ASPHALT IS SUBSTITUTED FOR CONCRETE.

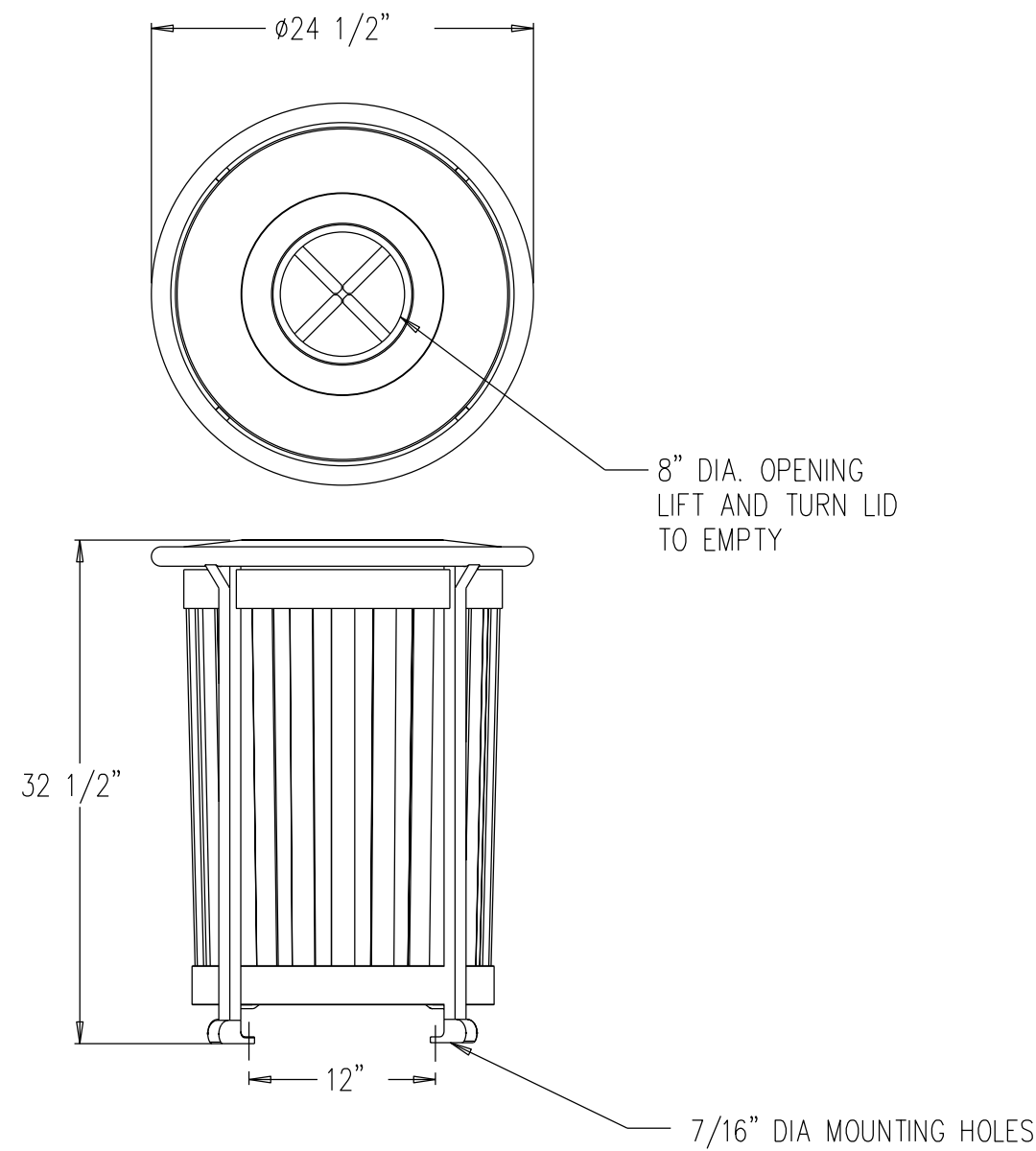


1 BENCH, TRASH RECEPTACLE, BICYCLE RACK MOUNTING
16 NOT TO SCALE



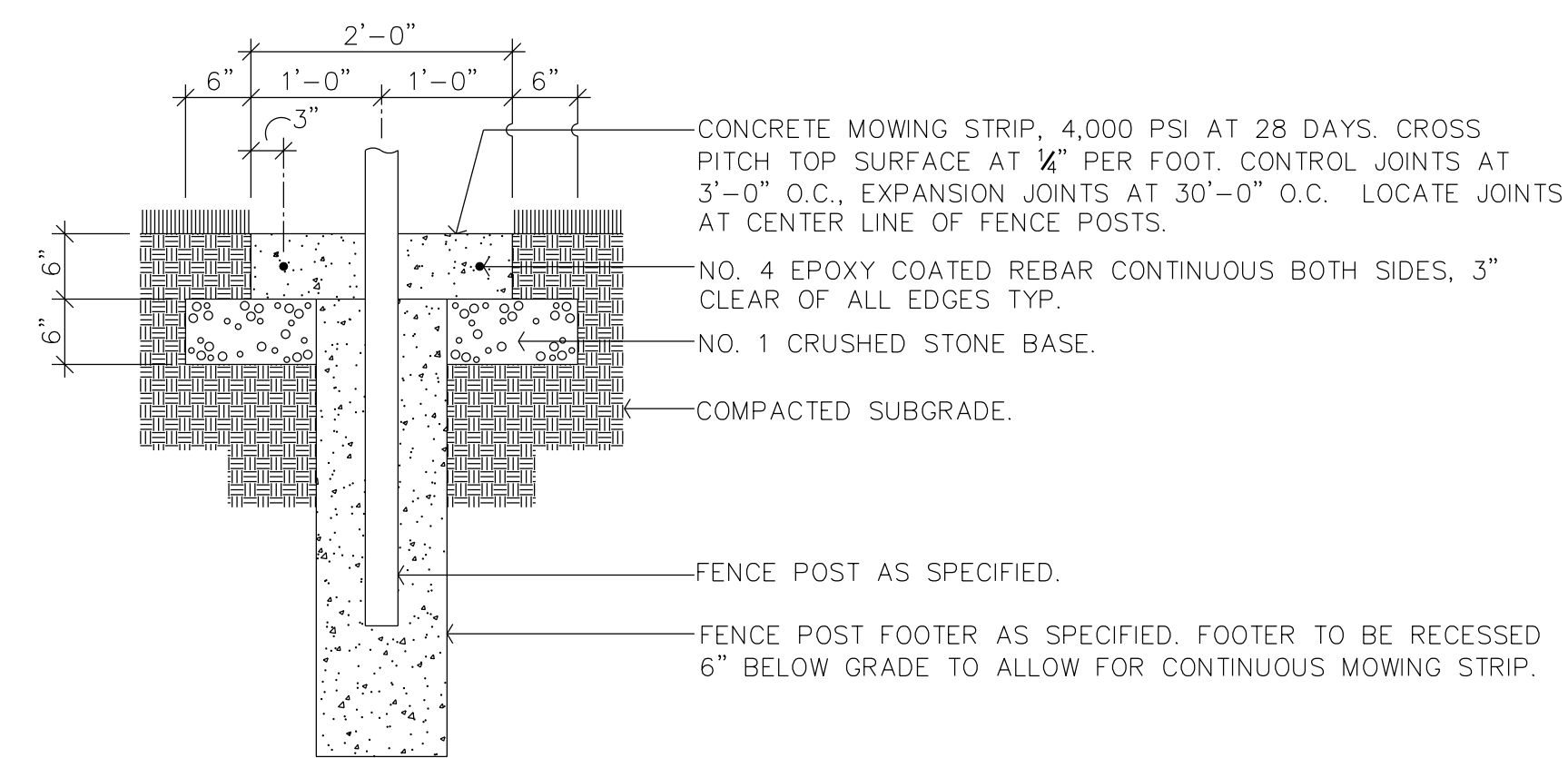
2 PLANTING BED DETAIL
16 NOT TO SCALE

3 TREE PLANTING DETAIL
16 NOT TO SCALE

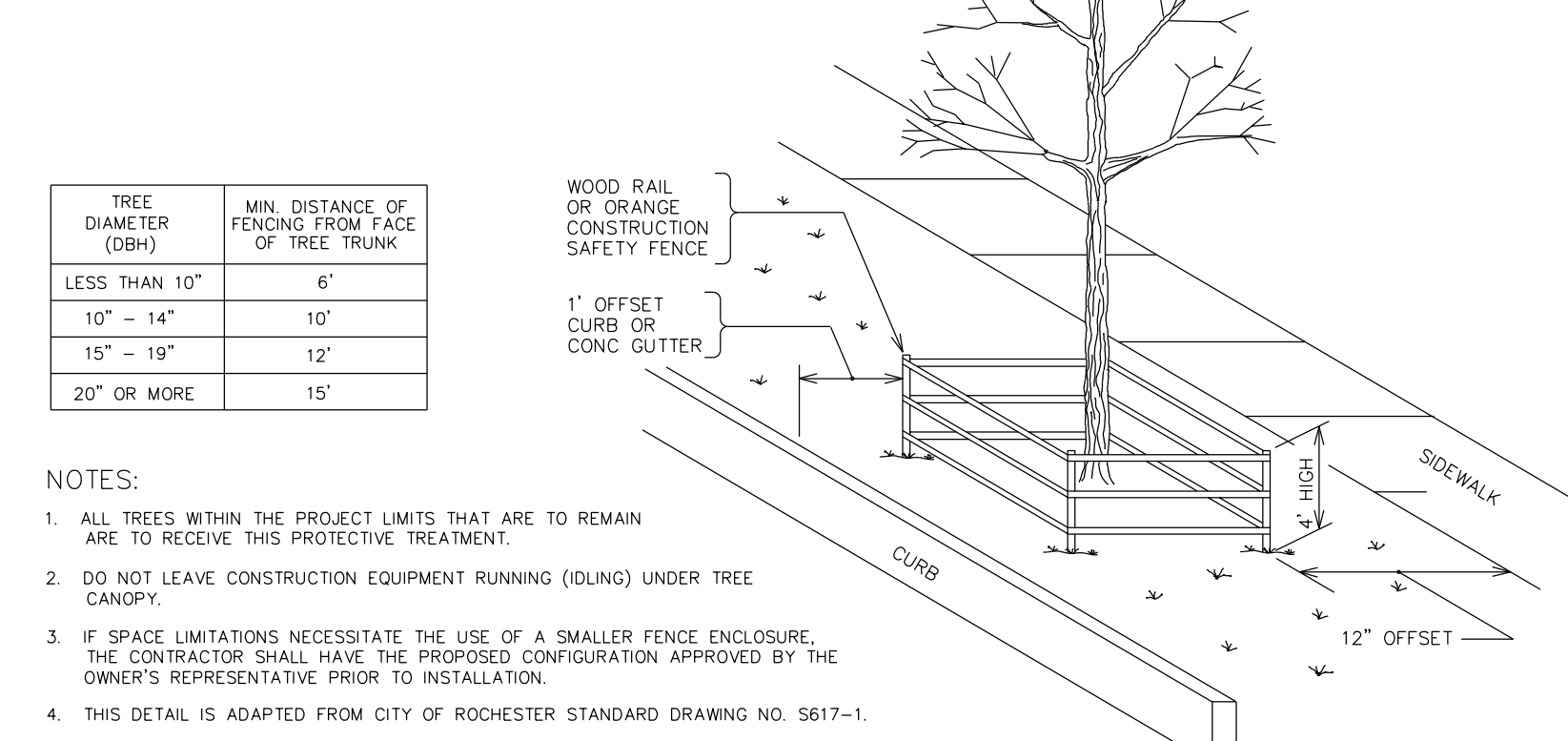


landscape forms
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KALAMAZOO, MI 49008 FAX: 616-381-3455
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2. PROVISION AND INSTALLATION OF TRASH RECEPTACLES IS INCLUDED UNDER ADD ALTERNATE NO. 2.
3. WHERE TRASH RECEPTACLES ARE LOCATED IN CONCRETE AREAS, SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS USING STAINLESS STEEL VANDAL RESISTANT ANCHORING HARDWARE ON ALL LEGS. WHERE TRASH RECEPTACLES ARE LOCATED IN ASPHALT AREAS, SECURE PER DETAIL 1-16. HARDWARE PROVIDED BY THE CONTRACTOR. 7/16\"/>

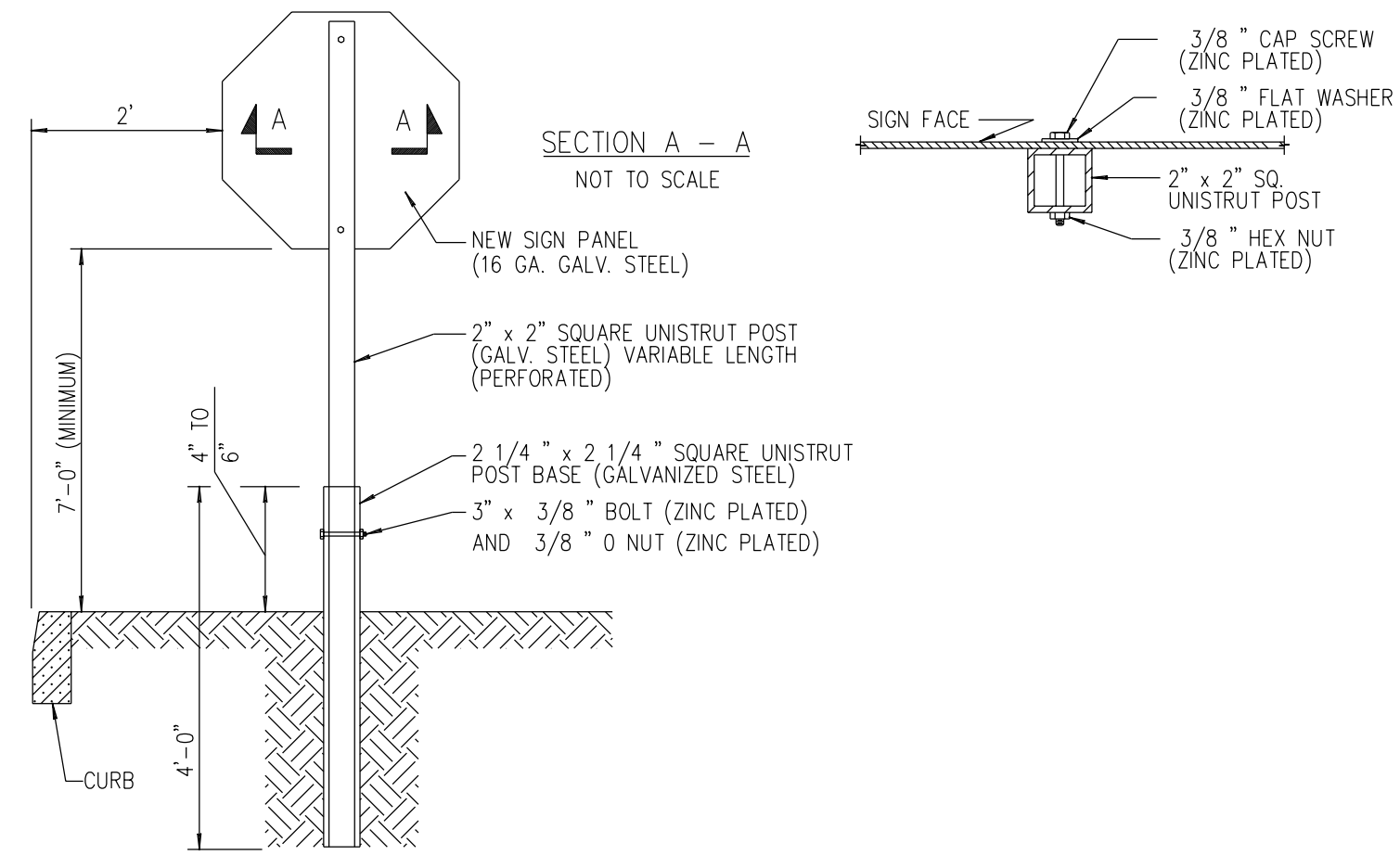
6 LITTER RECEPTACLE
16 NOT TO SCALE



7 CONCRETE MOWING STRIP
16 SCALE: 3/4\"/>



9 TREE PROTECTION ZONE FENCING
16 NOT TO SCALE



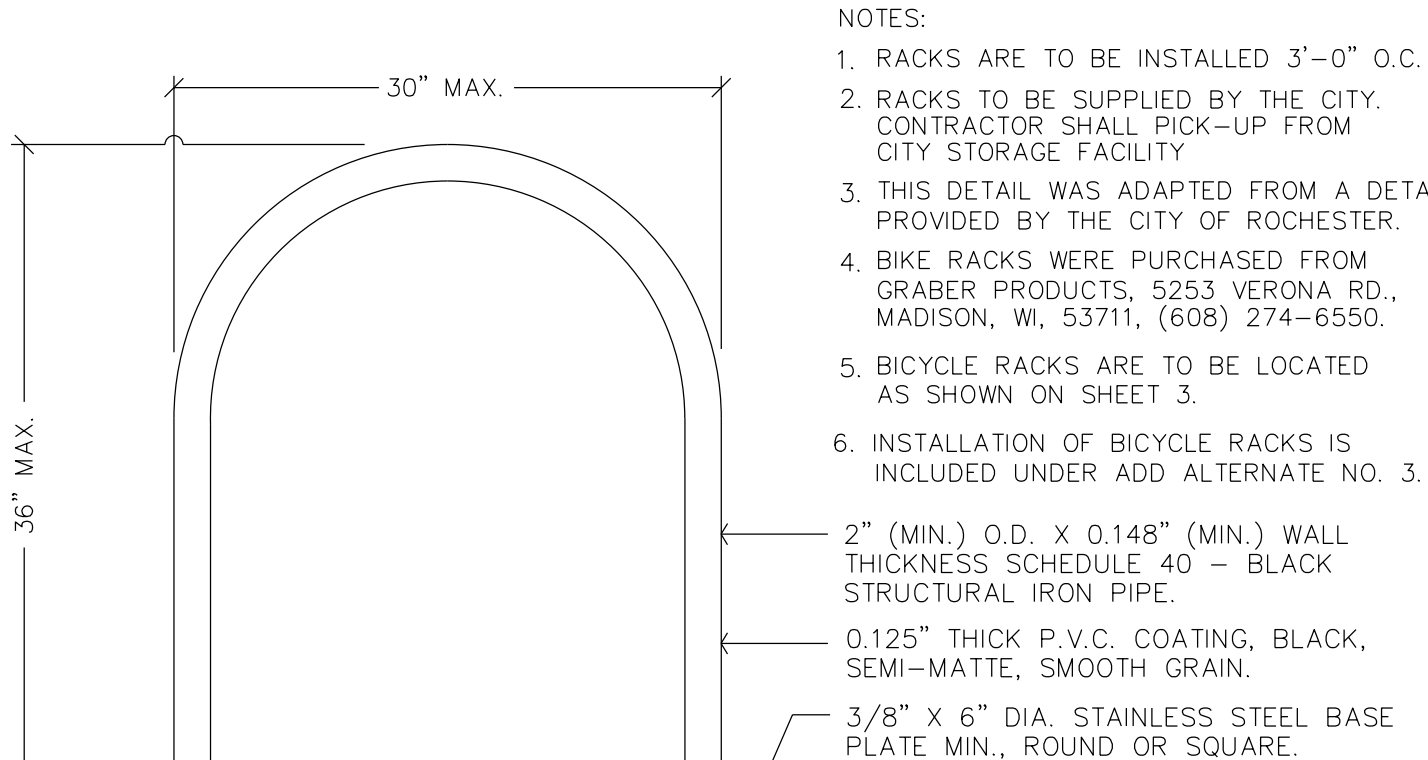
10 POST MOUNT SIGN INSTALLATION IN SOIL
16 NOT TO SCALE

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2. PROVISION AND INSTALLATION OF BENCHES IS INCLUDED UNDER ADD ALTERNATE NO. 1.
3. WHERE BENCHES ARE LOCATED IN CONCRETE AREAS, SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS USING STAINLESS STEEL VANDAL RESISTANT ANCHORING HARDWARE ON ALL LEGS. WHERE BENCHES ARE LOCATED IN ASPHALT AREAS, SECURE PER DETAIL 1-16. HARDWARE PROVIDED BY THE CONTRACTOR. 7/16\"/>

4 BACKED BENCH
16 NOT TO SCALE

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1. PROVIDE AND INSTALL SCARBOROUGH BACKLESS BENCHES AS MANUFACTURED BY LANDSCAPE FORMS OR APPROVED EQUAL. LOCATE AS SHOWN ON SHEET 3.
2. PROVISION AND INSTALLATION OF BENCHES IS INCLUDED UNDER ADD ALTERNATE NO. 1.
3. WHERE BENCHES ARE LOCATED IN CONCRETE AREAS, SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS USING STAINLESS STEEL VANDAL RESISTANT ANCHORING HARDWARE ON ALL LEGS. WHERE BENCHES ARE LOCATED IN ASPHALT AREAS, SECURE PER DETAIL 1-16. HARDWARE PROVIDED BY THE CONTRACTOR. 7/16\"/>

5 BACKLESS BENCH
16 NOT TO SCALE



WHERE BICYCLE RACKS ARE LOCATED IN CONCRETE AREAS, SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS. WHERE BICYCLE RACKS ARE LOCATED IN ASPHALT AREAS, SECURE PER DETAIL 1-16. ANCHORING HARDWARE PROVIDED BY THE OWNER.

8 INVERTED U-BIKE RACK
16 NOT TO SCALE

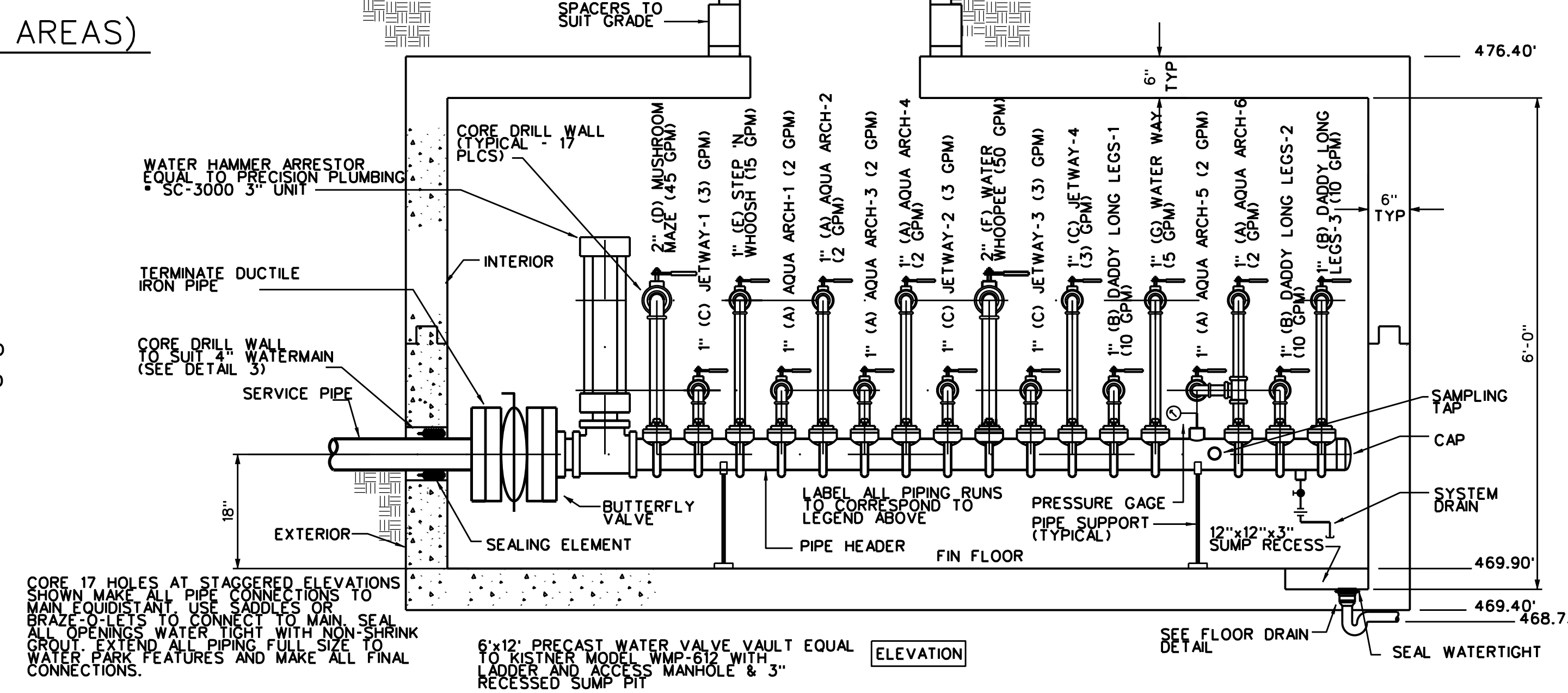
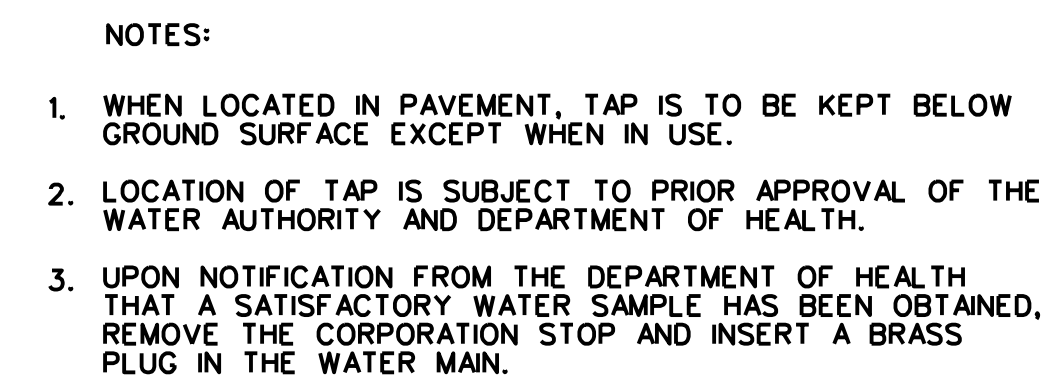
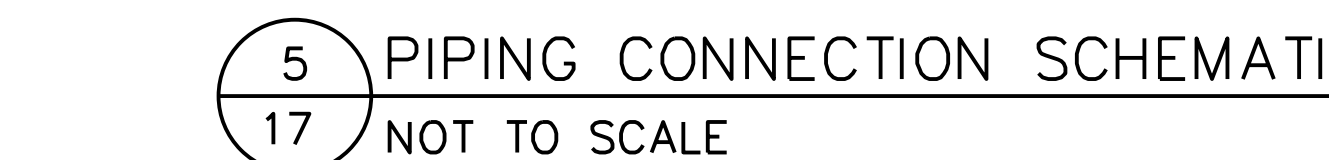
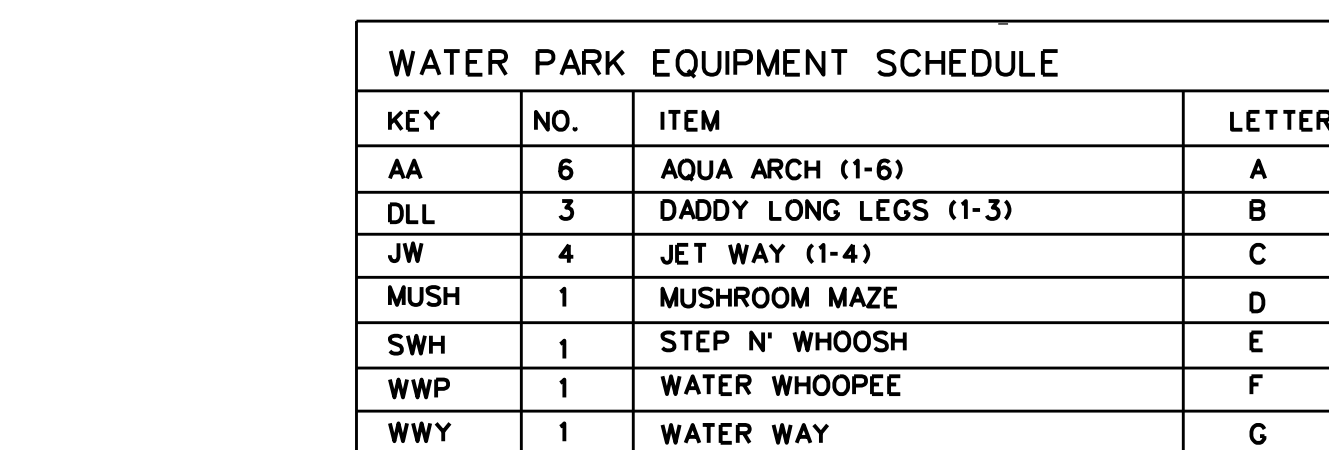
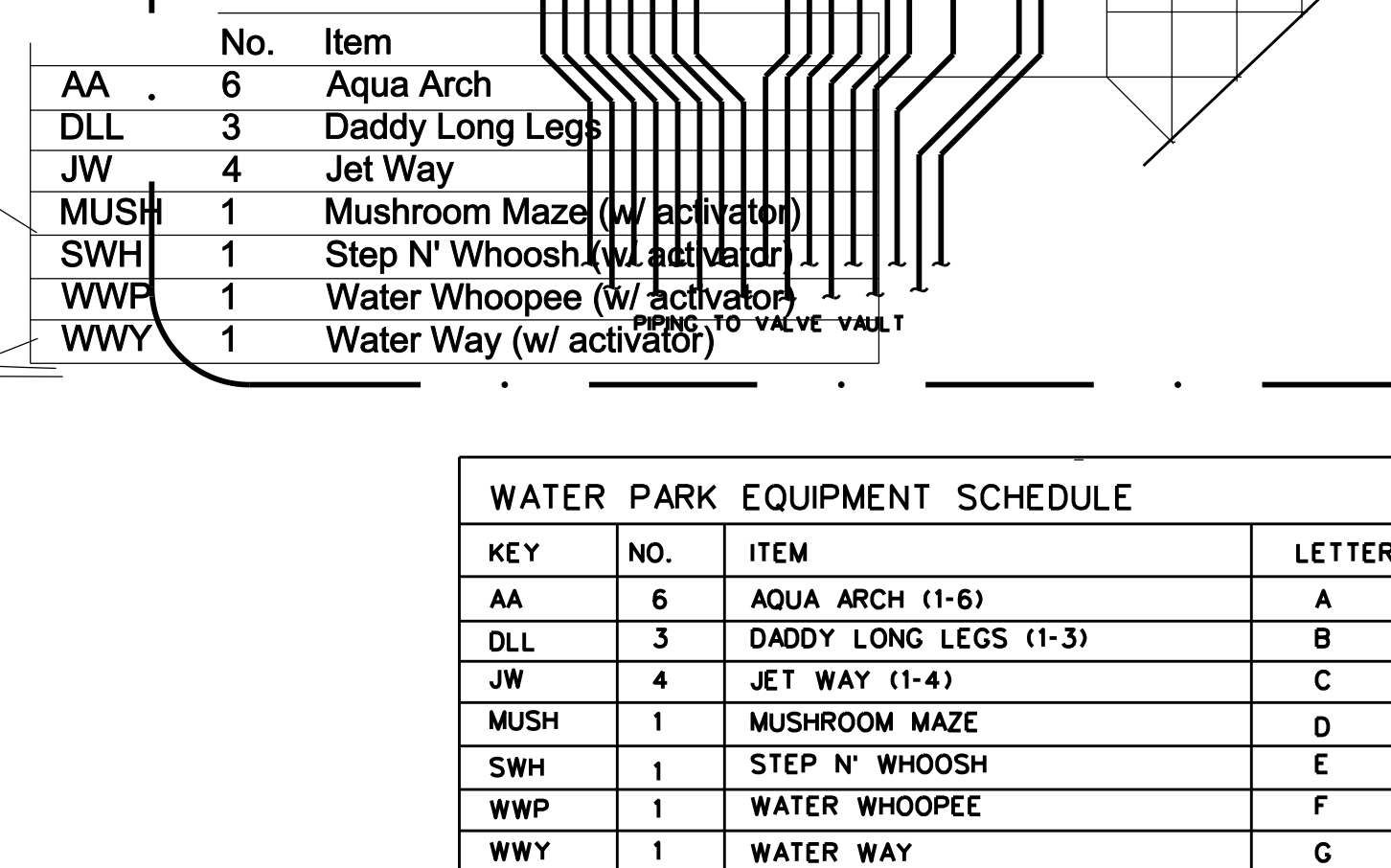
Department of Environmental Services Bureau of Engineering Services City of Rochester, New York	Jeffery J. Mrozak Joann D. Beck, RLA George H. Stam, PE
Project Landscape Architect Engineer in Charge City Engineer	

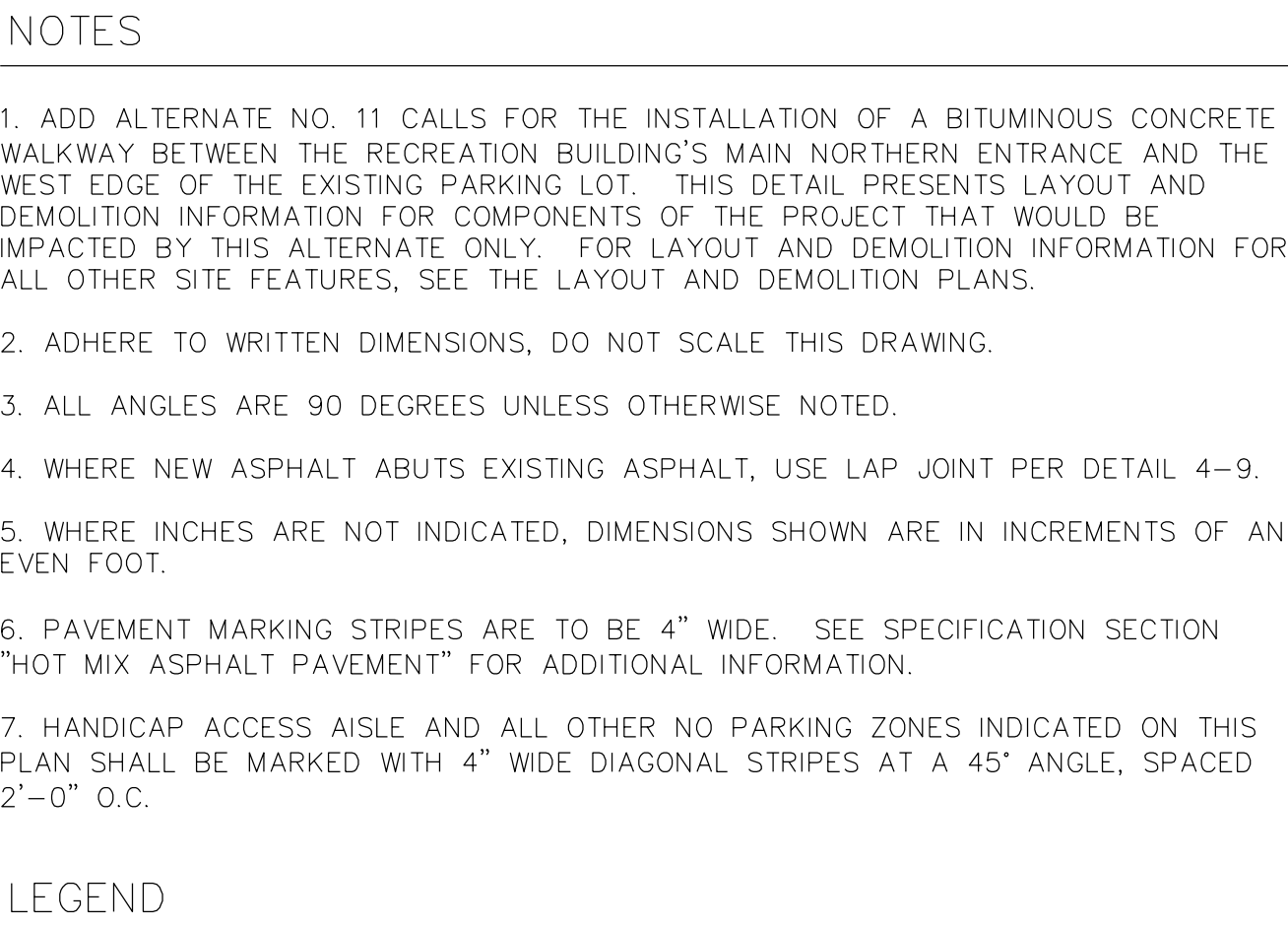
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(as noted)	NHB	RHW	7/15/02	20042			
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Drawn By:	RHW	By: Assoc.	7/15/02	20042			

CARTER RECREATION CENTER
SITE IMPROVEMENTS

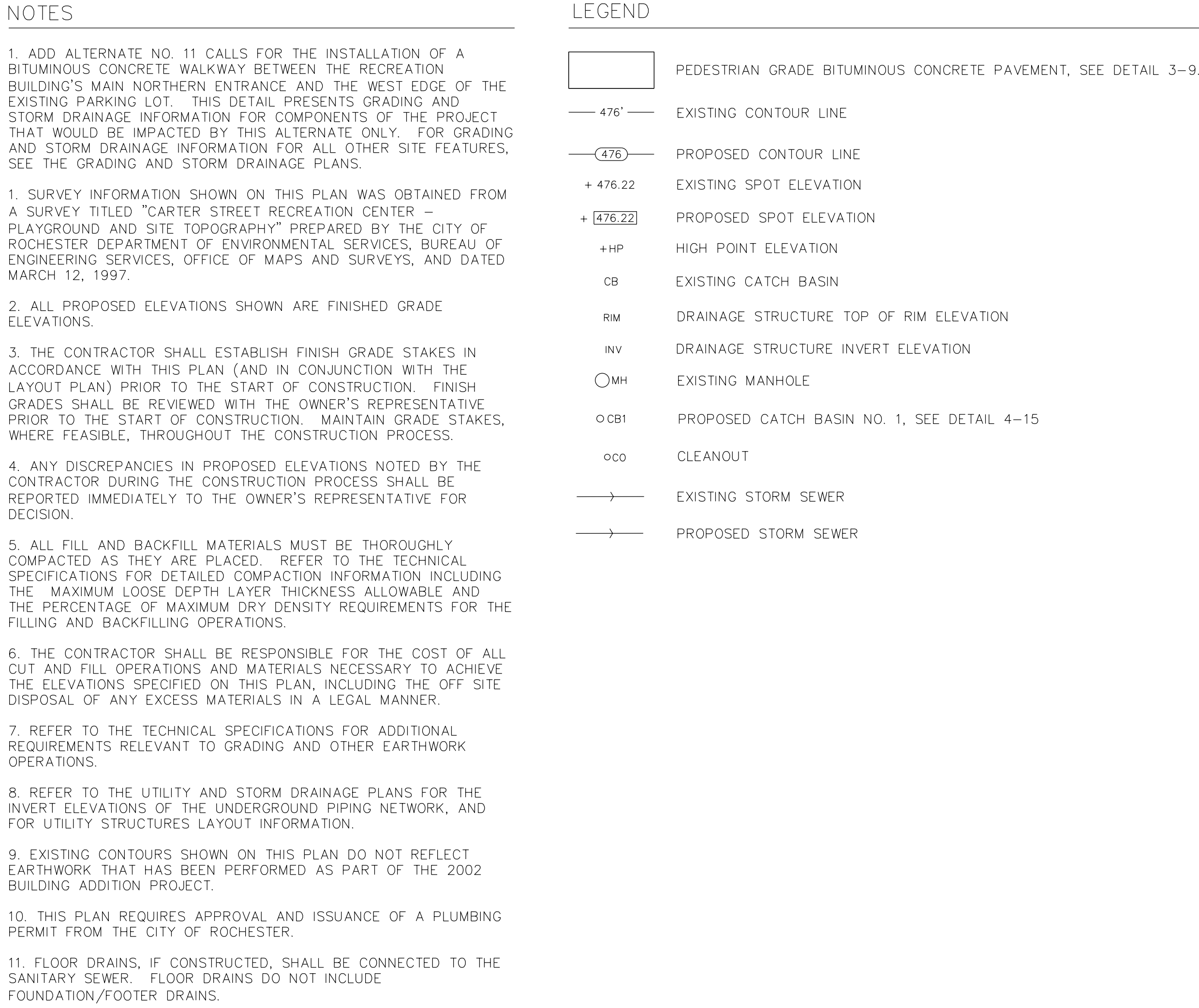
MISCELLANEOUS DETAILS

BAYER ASSOCIATES
LANDSCAPE ARCHITECTURE and PLANNING
4705 Main St., P.O. Box 220, Hemlock, NY 14466 (585) 367-8050





1 DEMOLITION AND LAYOUT
18 SCALE: 1"=20'



2 GRADING AND STORM DRAINAGE
18 SCALE: 1"=20'