

LAYOUT & PAVING NOTES

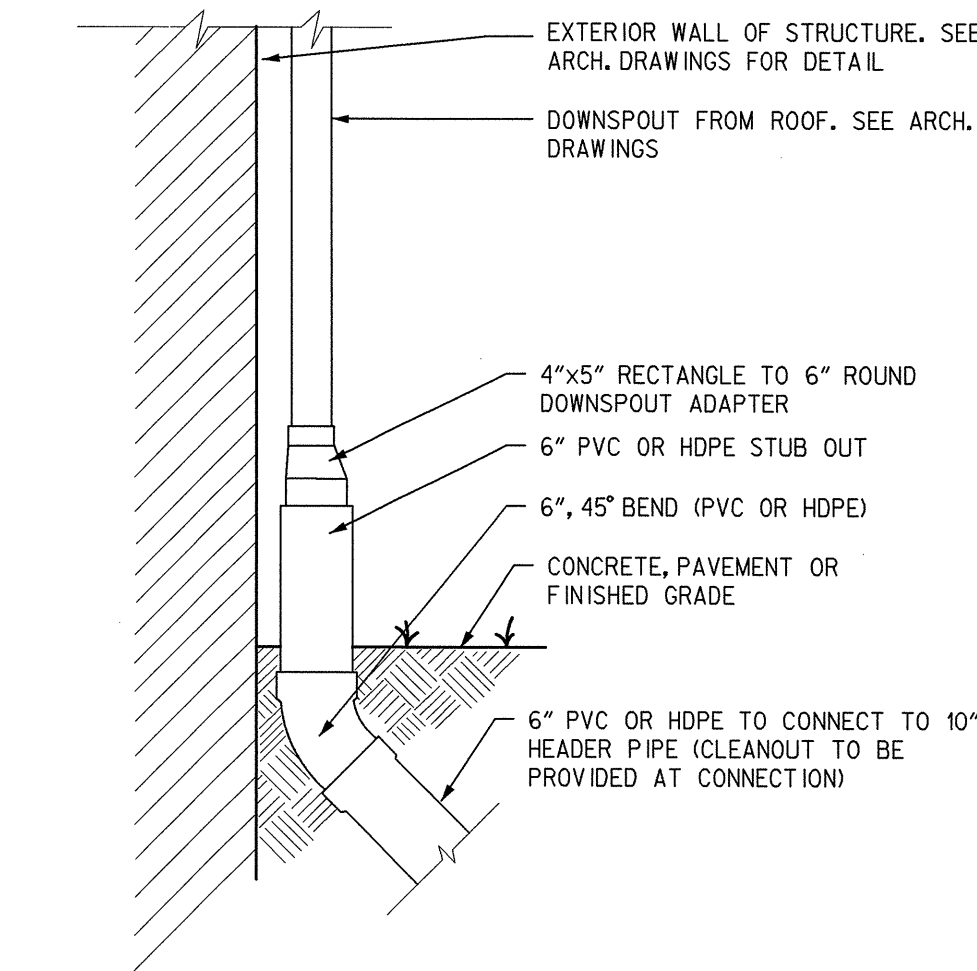
- ALL EXISTING STRUCTURES, CONCRETE PADS/WALKS/DRIVES AND UTILITY SERVICES ON SITE SHALL BE REMOVED TO FULL DEPTH PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ALL DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, AND REPAIR DAMAGE CAUSED TO UTILITIES TO CURRENT STANDARDS AND AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. RELOCATE IRRIGATION LINES AS NECESSARY FOR CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL PERMITS, AND PAY ALL FEES PRIOR TO BEGINNING WORK.
- PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES AND IRRIGATION SLEEVES PRIOR TO INSTALLATION OF PAVEMENT.
- THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN, IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT OPERATE OR STORE HEAVY EQUIPMENT OR STORE MATERIALS WITHIN THE DRILINES OF TREES OR OUTSIDE THE LIMIT OF GRADING.
- CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH WITH NO EXPOSED AGGREGATE ON ANY FACE. ALL CONCRETE TO BE MINIMUM 3500 PSI COMPRESSIVE STRENGTH WITH 5% (+/- 1%) AIR ENTRAINMENT. FLY ASH MIXTURES WITH WATER/CEMENT RATIOS AT 0.5 OR BELOW ARE RECOMMENDED. CURB RAMP, SIDEWALK SLOPES, AND DRIVEWAY RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT LOCAL REQUIREMENTS. IF APPLICABLE, THE CONTRACTOR SHALL REQUEST INSPECTION OF SIDEWALK AND RAMP FORMS PRIOR TO PLACEMENT OF CONCRETE.
- CONSTRUCTION OF REINFORCED CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH ACI 330 STANDARD SPECIFICATIONS. CURING COMPOUND TO BE APPLIED TO ALL CONCRETE SURFACES IMMEDIATELY AFTER BROOM FINISH. CONTRACTOR SHALL REJECT CONCRETE IF IT CANNOT BE PLACED WITHIN 90 MINUTES OF BATCH TIME OR WITHIN 75 MINUTES DURING SUMMER HIGH TEMPERATURE CONDITIONS.
- ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN RESULTING FROM NEW CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
- DIMENSIONS ARE TO THE FACE OF CURB, EDGE OF CONCRETE, OR TO THE FACE OF BUILDING, UNLESS OTHERWISE NOTED.
- COORDINATES ARE TO FACE OF BUILDINGS, CENTER LINES OF DRIVEWAYS, CENTER OF SANITARY SEWER MANHOLES, AND CENTER AT FACE OF CURB ON CURB INLETS, UNLESS OTHERWISE NOTED.
- PARKING STRIPES SHALL BE 4-INCH YELLOW PAVEMENT PAINT.
- SCREENED ITEMS INDICATE A PRE-CONSTRUCTION TOPOGRAPHIC SURVEY PROVIDED BY CORNERSTONE REGIONAL SURVEYING DATED APRIL 4, 2011.
- CONSTRUCTION JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF AT LEAST 1/4 THE CONCRETE THICKNESS, AND SHALL DIVIDE CONCRETE ROUGHLY INTO SQUARES WITH MAXIMUM 10' SEGMENTS. JOINTS CAN BE SAWCUT, FORMED OR TOOLED.
- MAINTAIN ONE SET OF AS-BUILT DRAWINGS ON THE JOB SITE FOR DISTRIBUTION TO THE ARCHITECT/ENGINEER UPON COMPLETION.
- CONTRACTOR SHALL PROVIDE AS-BUILT ELEVATION SURVEY FOR ALL NEW SIDEWALK RAMPS.

GENERAL UTILITY NOTES

- WATER AND SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL CODES AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS.
- ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON TOPOGRAPHIC SURVEYS. ADDITIONAL UTILITIES MAY BE PRESENT. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS.
- THE CONTRACTOR SHALL NOTIFY THE KANSAS ONE-CALL SYSTEM AT (811) AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION AND/OR DEMOLITION.
- MAINTAIN 10-FOOT HORIZONTAL AND 18-INCH VERTICAL SEPARATION BETWEEN SANITARY SEWER AND WATER SUPPLY LINES.
- CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES INCLUDING IRRIGATION. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. RELOCATE IRRIGATION LINES AS NECESSARY FOR CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO FINAL PAVEMENT CONSTRUCTION.
- BACKFILL UTILITY TRENCHES UNDER PAVEMENT AREAS WITH CRUSHED STONE OR GRAVEL. BACKFILL UTILITY TRENCHES IN LAWN AREAS WITH SATISFACTORY FILL MATERIAL COMPACTED TO AT LEAST 98% OF MAXIMUM PER ASTM D698.
- ADJUST ALL EXISTING CASTINGS TO MATCH PROPOSED FINISH GRADE.
- ALL SANITARY SEWER PIPE SHALL BE SCHEDULE 40 PVC UNLESS NOTED OTHERWISE.
- WATER SERVICE PIPE SHALL BE SDR21 PVC, PRESSURE RATING 200 PSI.
- CONTRACTOR SHALL COORDINATE LIGHT POLE AND ELECTRICAL CONDUIT LOCATION WITH ELECTRICAL SITE EST./PHOTOMETRIC PLAN.

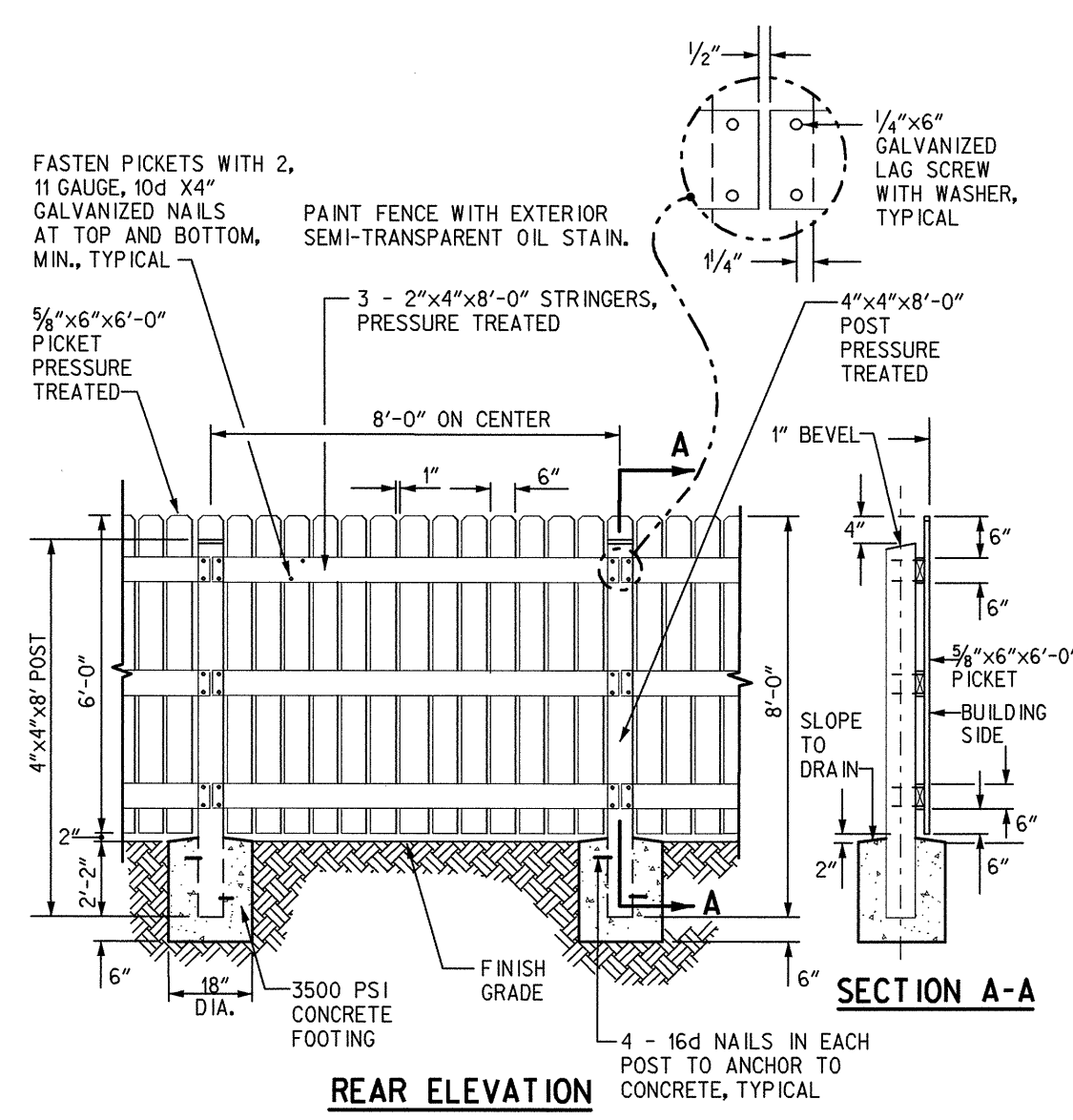
11 LAYOUT & PAVING AND UTILITY NOTES

NOTE: INSTALLATION AND MATERIALS SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS.

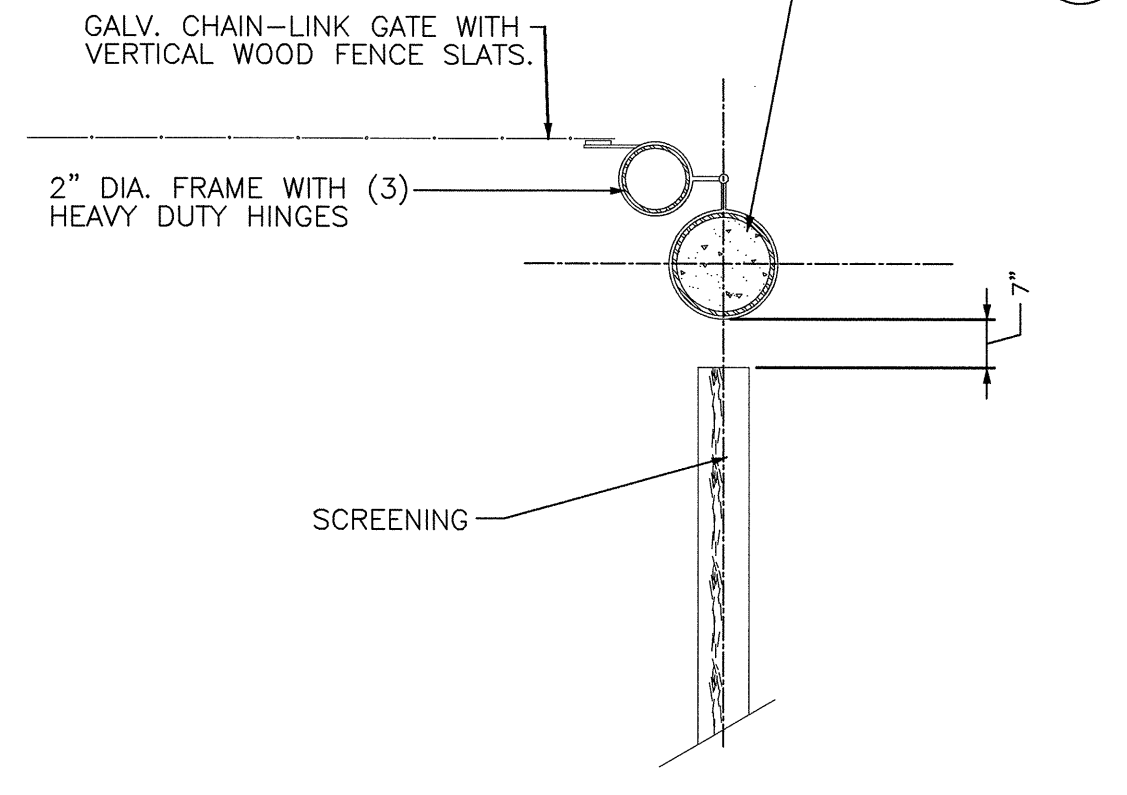


9 DOWNSPOUT CONNECTION TO RAIN LEADER N.T.S.

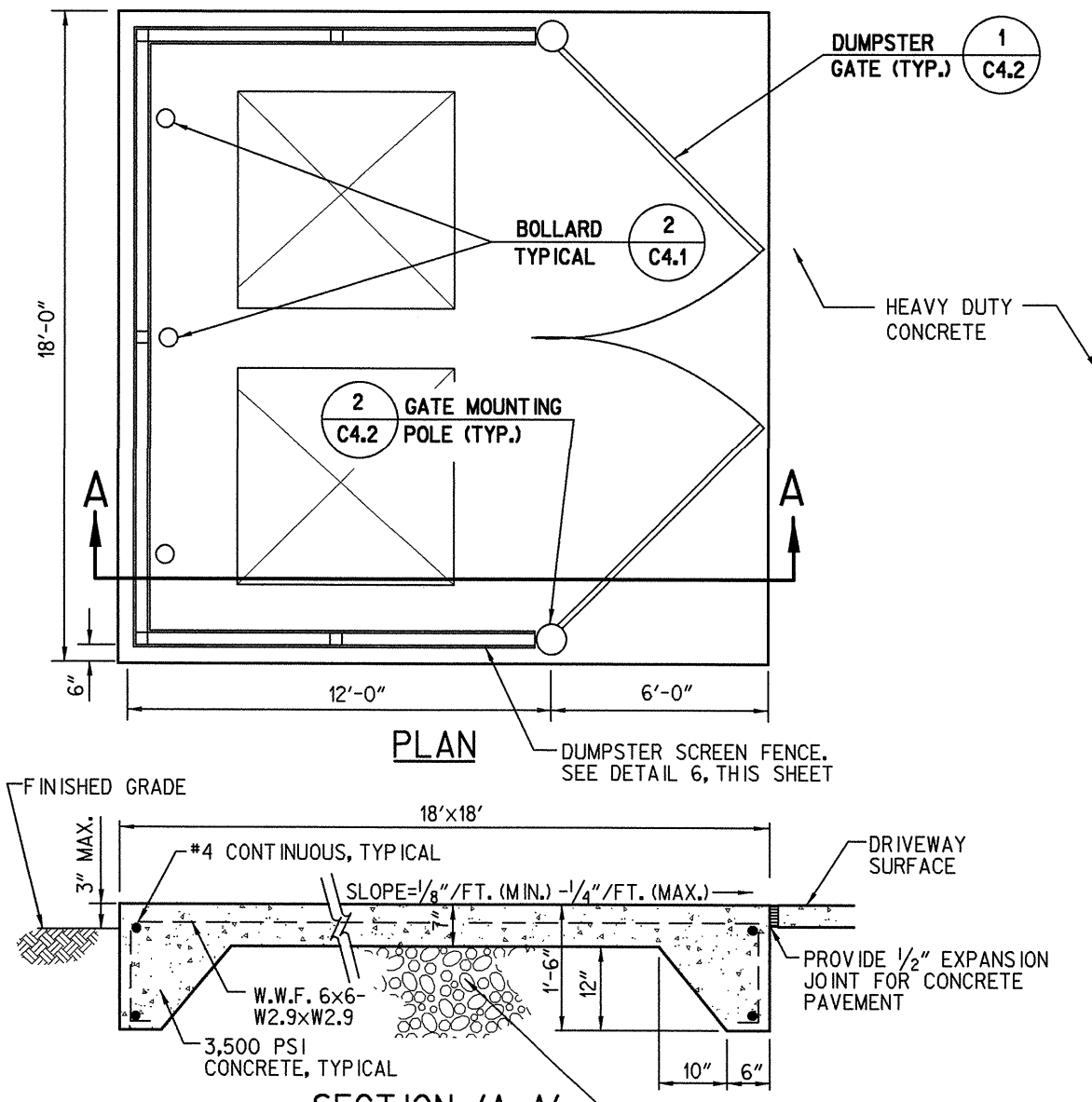
NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION, SIZE AND POSITION OF DOWNSPOUT. DOWNSPOUT MAY BE HIDDEN IN WALL, IN WALL RECESS OR EXPOSED ON WALL.



6 WOOD SCREEN FENCE N.T.S.

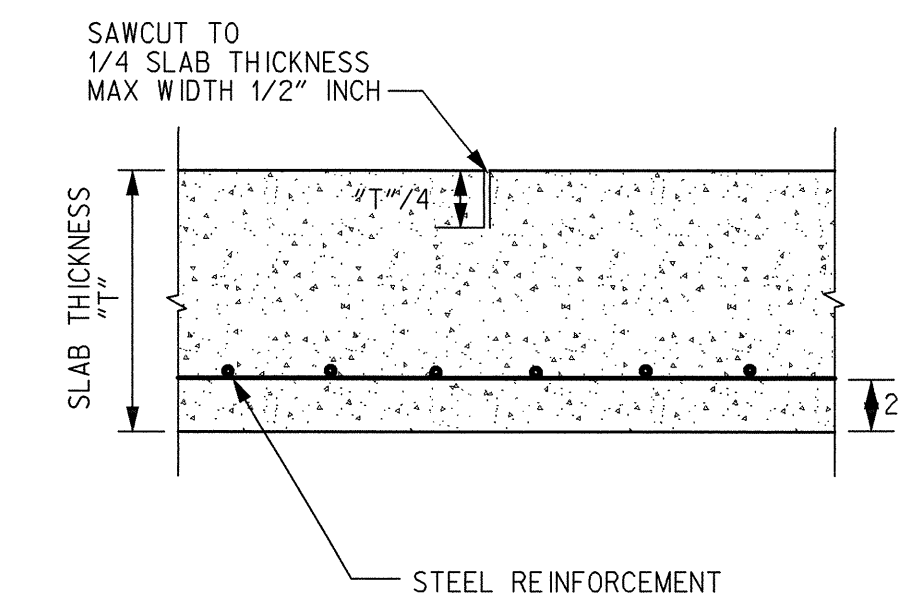


3 GATE HINGE N.T.S.

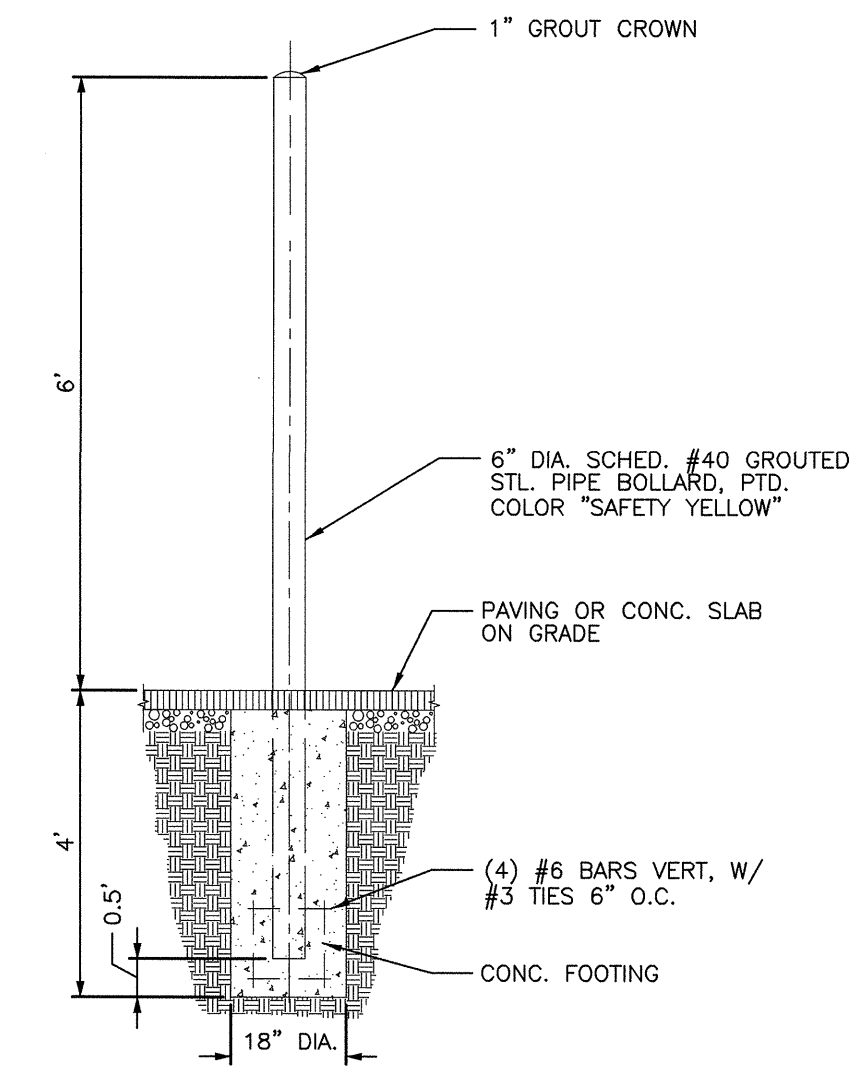


8 DUMPSTER PAD W/SCREENING N.T.S.

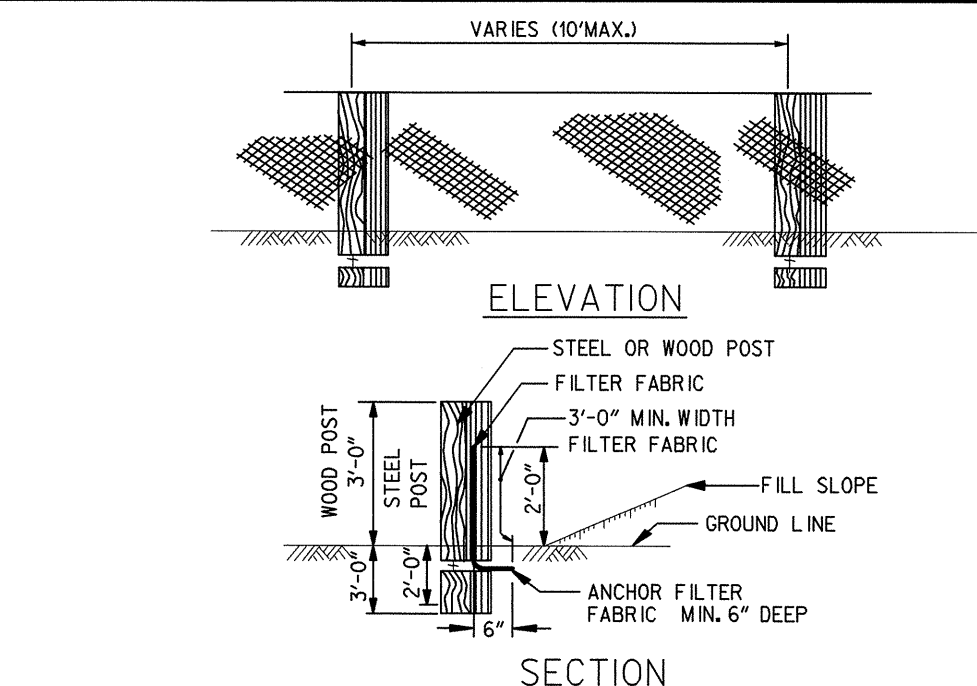
NOTE: CONTRACTION JOINT TO BE SPACED EVERY 10'



5 CONTRACTION JOINTS IN CONCRETE N.T.S.



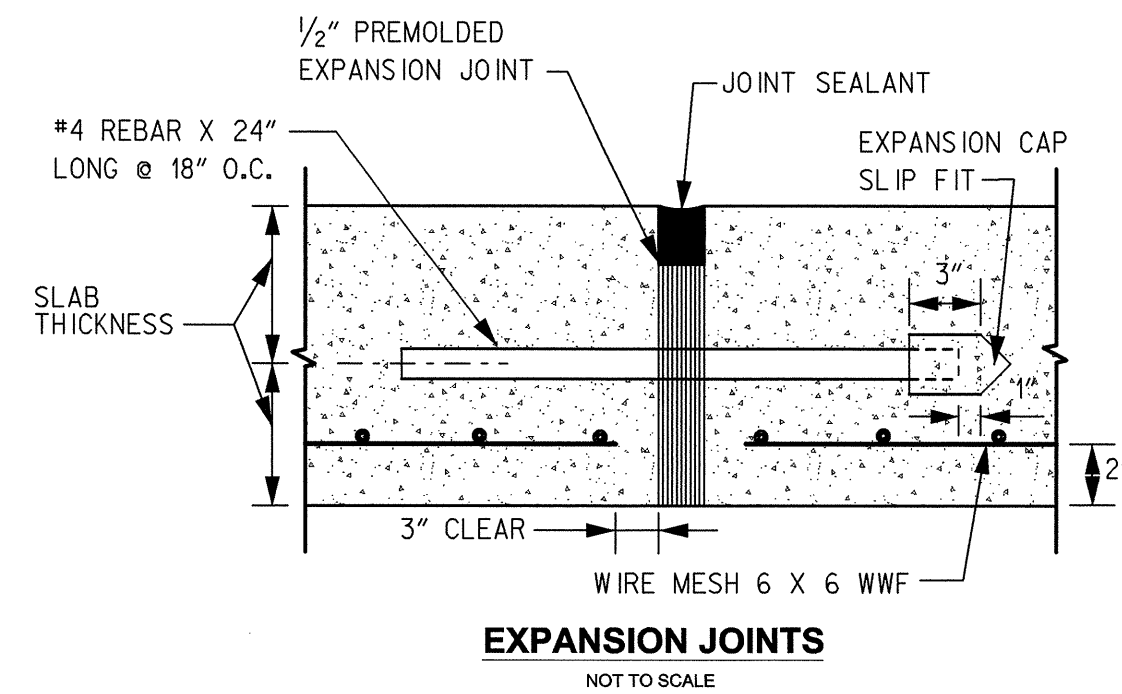
2 GATE MOUNTING POLE N.T.S.



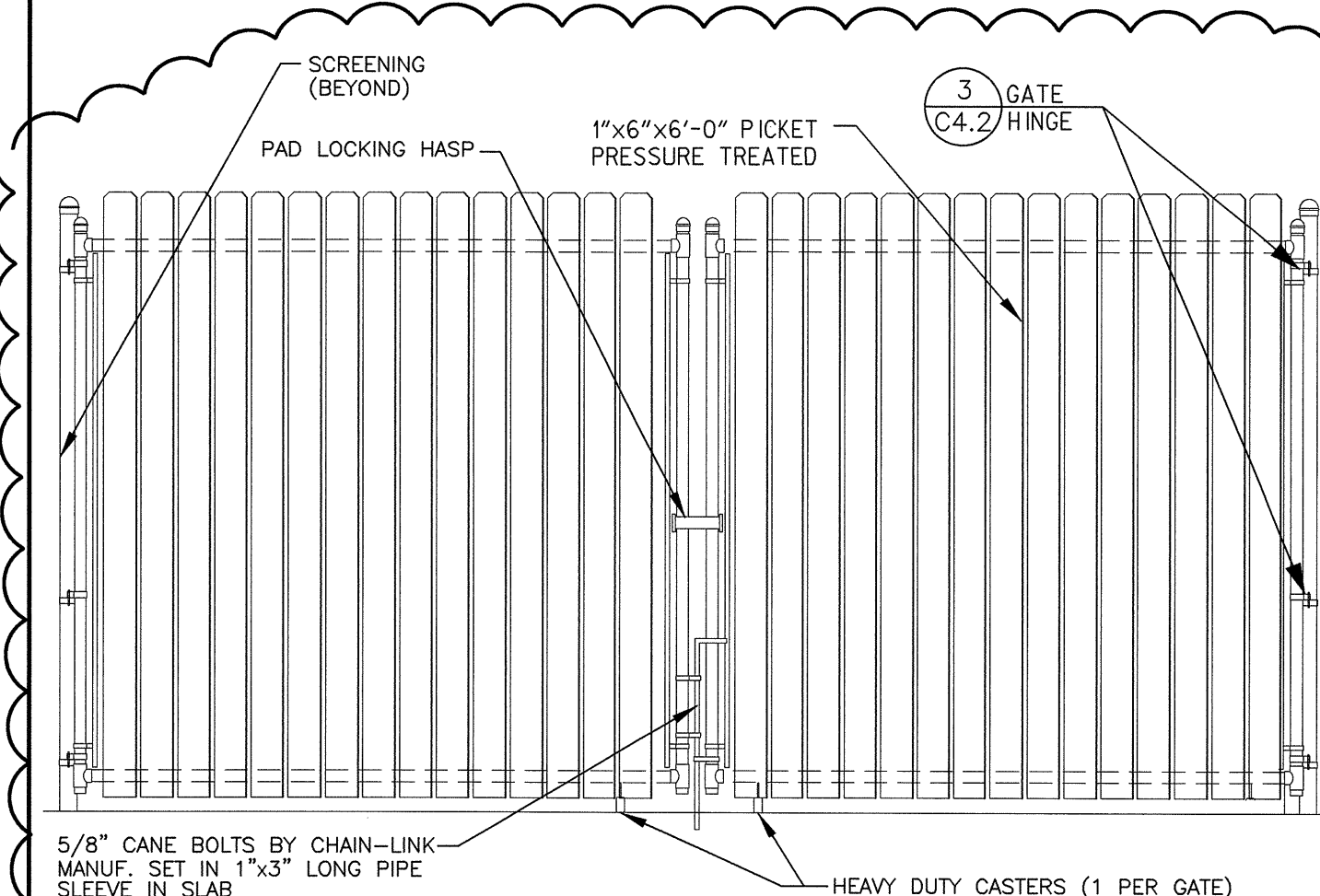
- GENERAL NOTES:
- SILT FENCE SHALL BE INSTALLED AROUND ALL STORM DRAIN INLETS, AROUND SITE PERIMETER AND WHERE SHOWN.
 - FILTER FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED SECURELY TO THE POSTS.
 - STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF SELF FASTENER ANGLE STEEL TYPE.
 - WOODEN POSTS SHALL BE A MINIMUM OF 6'-0" IN HEIGHT AND 3" OR MORE IN DIAMETER.
 - FILTER FABRIC SHALL BE FASTENED TO WOODEN POST WITH NOT LESS THAN #9 WIRE STAPLES @ 1/2" LONG.
 - CONTRACTOR SHALL PERIODICALLY REMOVE ACCUMULATED SEDIMENT, WHEN SEDIMENT DEPTH REACHES 12".
- NOTE:
THE FILTER FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS:
A) EOS IS NOT LARGER THAN U.S. STANDARD SIEVE NO.70
B) GRAB STRENGTH 90-120 LB
C) CONFORM TO ASTM D-1682 OR ASTM D-1177

7 SILT FENCE N.T.S.

NOTE: EXPANSION JOINTS TO BE SPACED EVERY 30'



4 EXPANSION JOINTS IN CONCRETE N.T.S.



1 DUMPSTER GATE N.T.S.

10 PAVEMENT SECTION IN RW

CONCRETE SECTION

A 8" MESH REINFORCED CONCRETE (3,500 PSI COMPRESSIVE STRENGTH @ 28 DAYS)

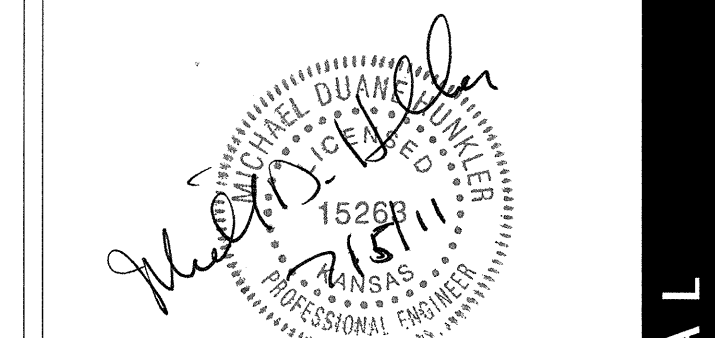
B NOT USED

C 12" MIN. PREPARED STRUCTURAL FILL SUBGRADE. 95% STANDARD PROCTOR DENSITY (ASTM-D698)

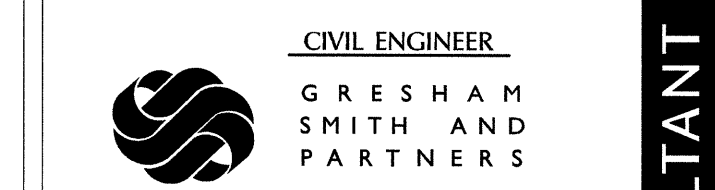


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DATE	LOCATION	OWNER	CONSULTANT	SEAL
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CITY COMMENTS

SITE DETAILS

C4.2