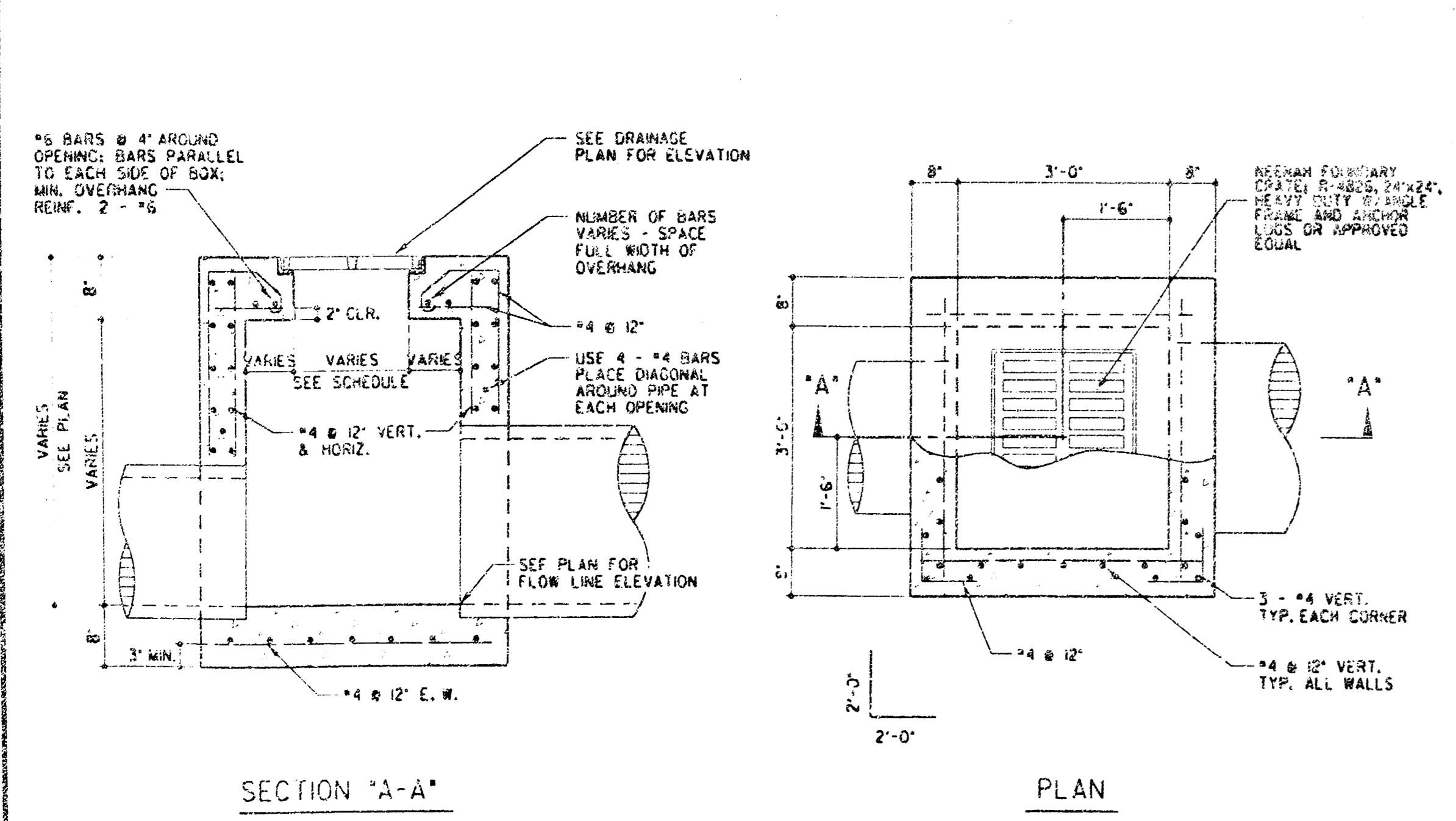
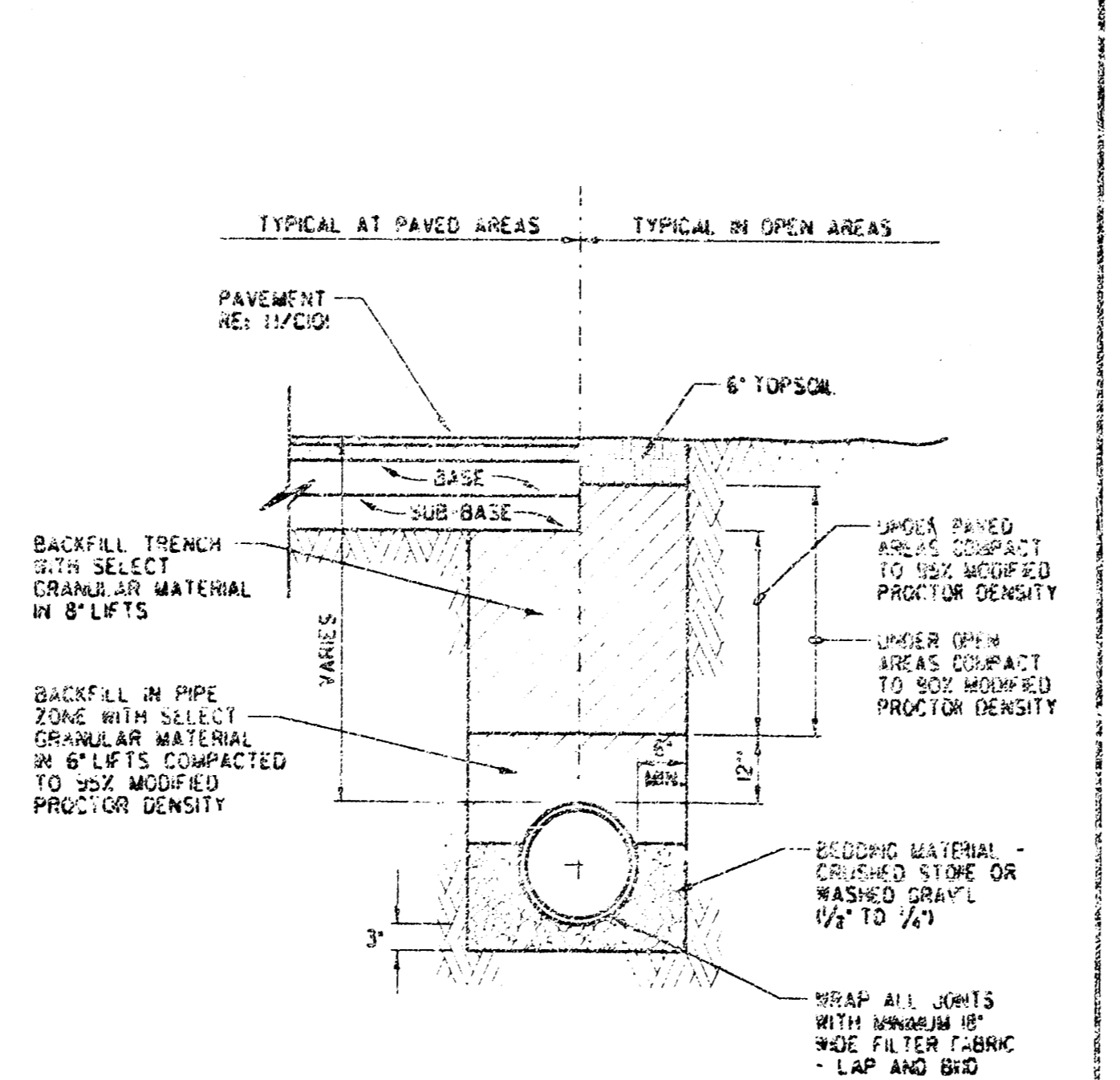


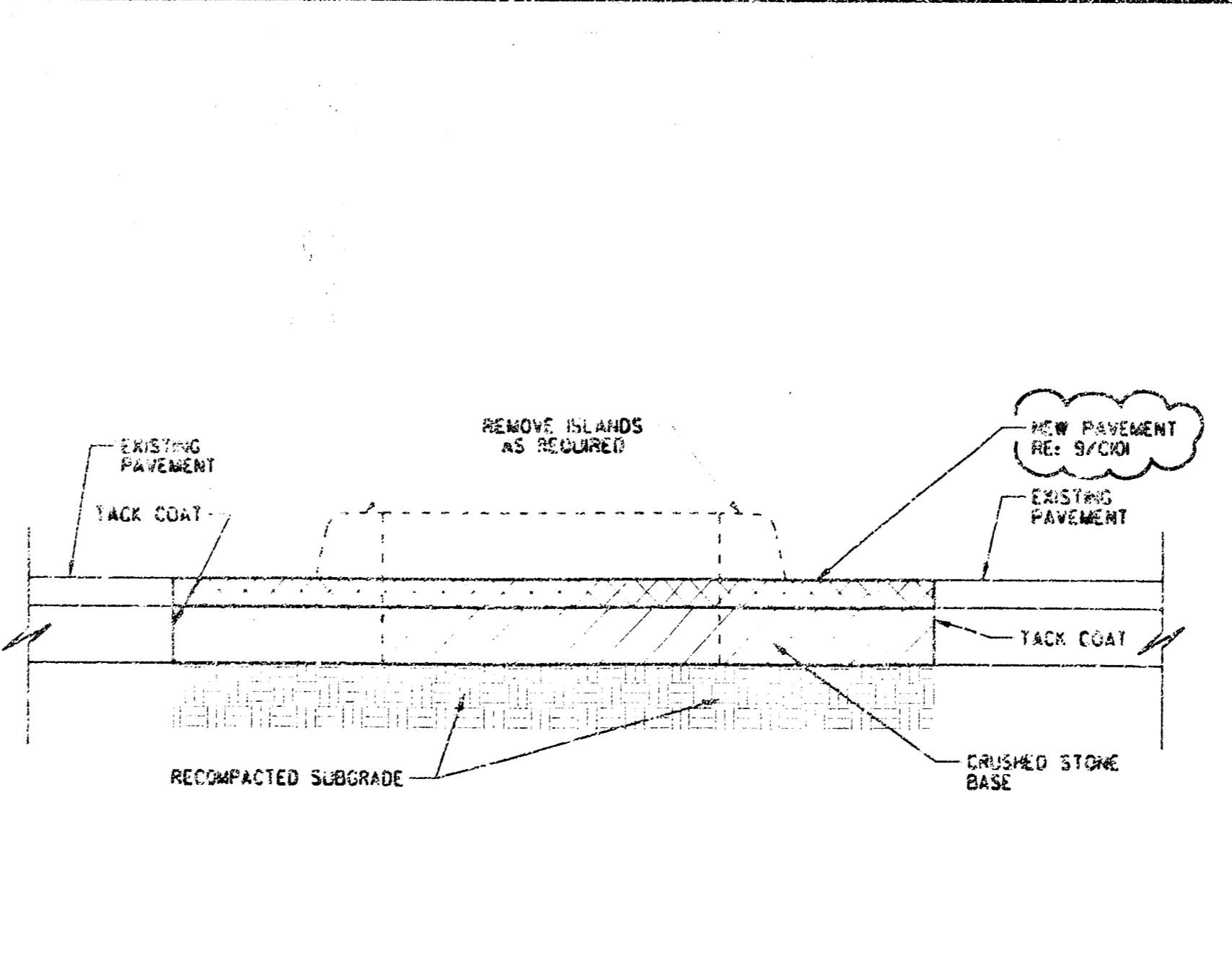
City of Wichita Private Project No. 1145PPS (607861)
STORM WATER SEWER PLAN
 SCALE: 1" = 40'
 REVISED AS BUILT 10-24-01 JCR



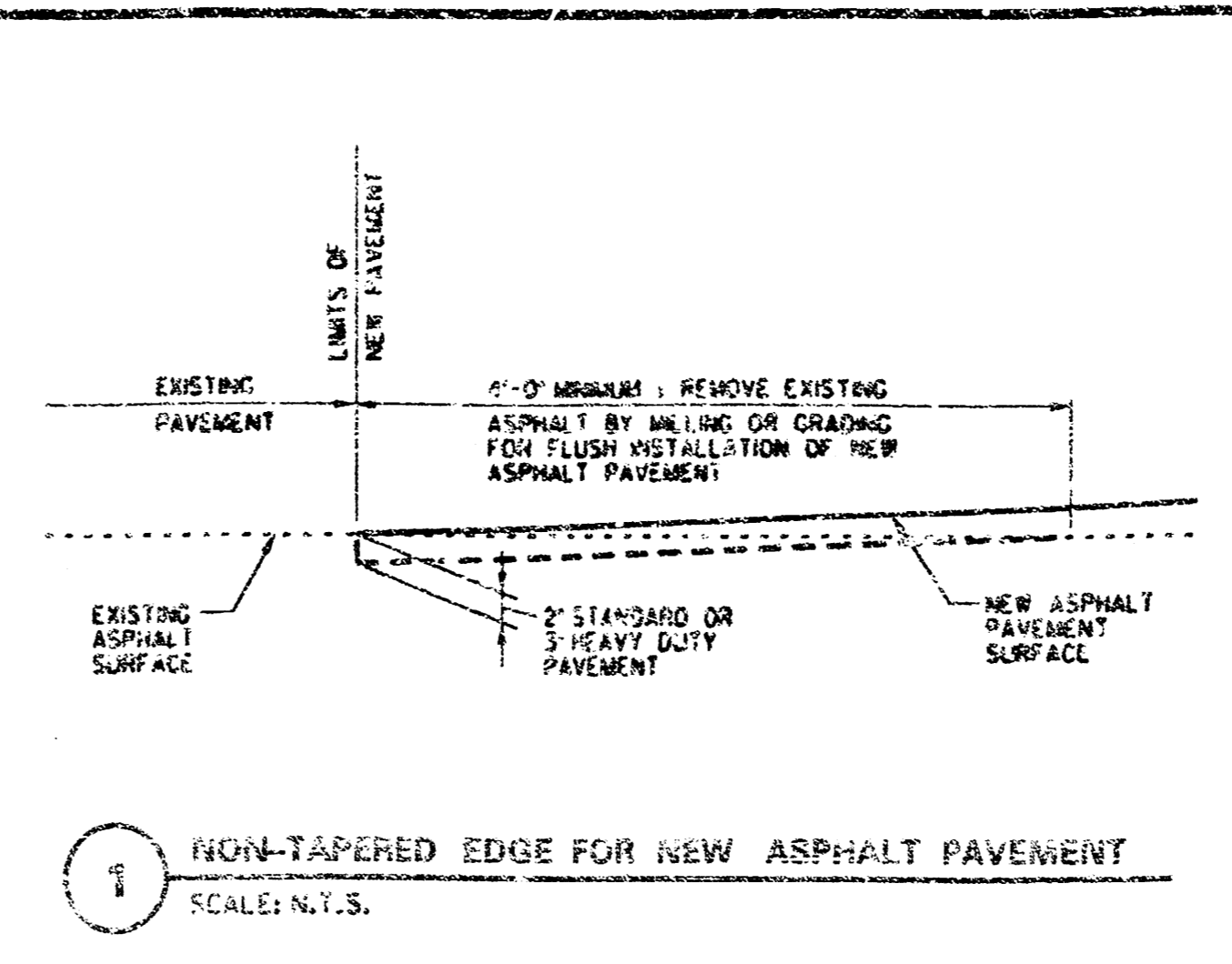
3 TYPICAL DRAINAGE STRUCTURE
 SCALE: N.T.S.



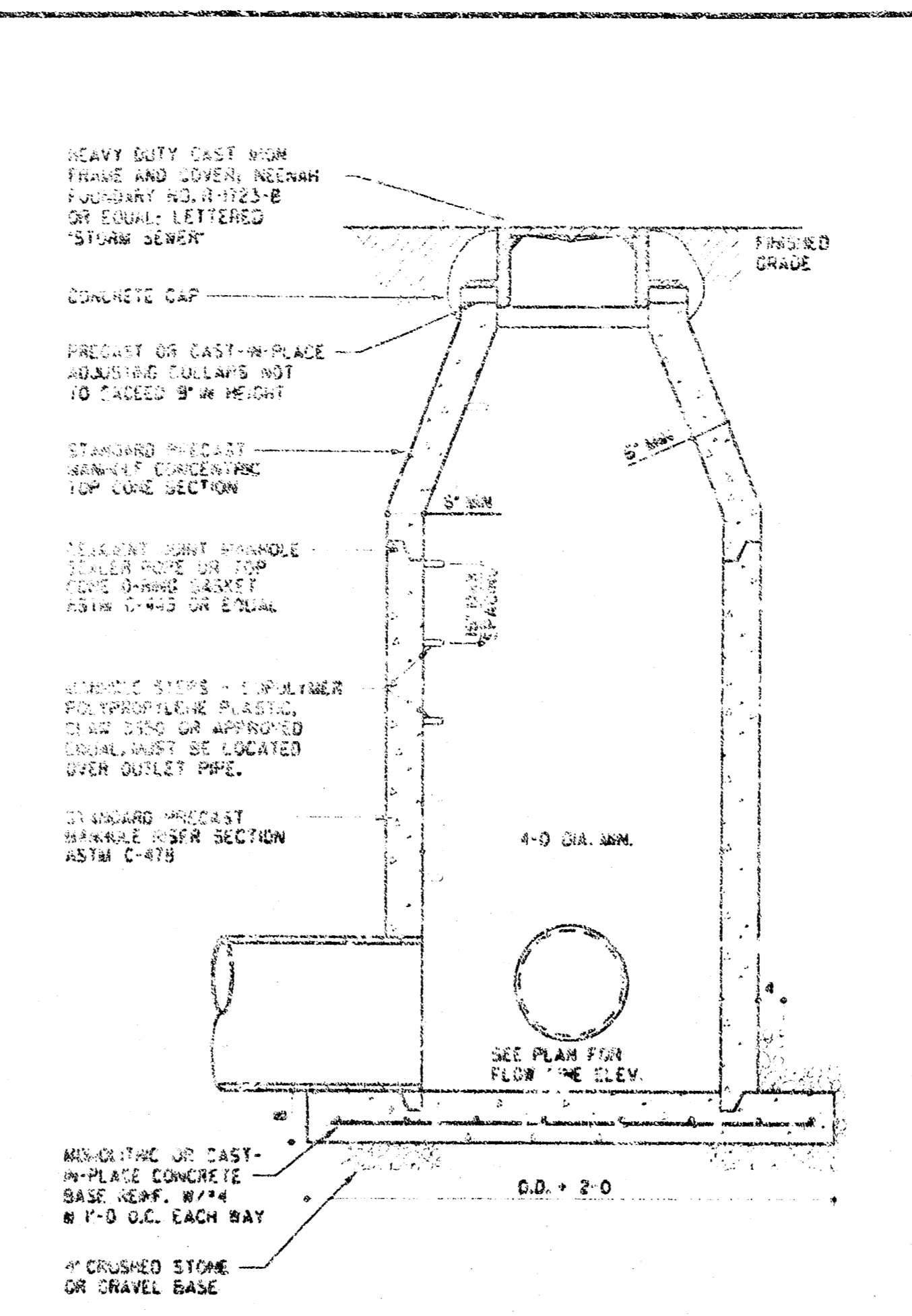
4 TYPICAL STORM SEWER TRENCH
 SCALE: N.T.S.



5 CURB ISLAND REMOVAL FOR NEW PAVEMENT
 SCALE: 3/4" = 1'-0"



1 NON-TAPERED EDGE FOR NEW ASPHALT PAVEMENT
 SCALE: N.T.S.



2 STANDARD STORM SEWER PRECAST MAINHOLE
 SCALE: 1/2" = 1'-0"

CONSTRUCTION NOTES

EROSION AND SEDIMENT CONTROL NOTES :

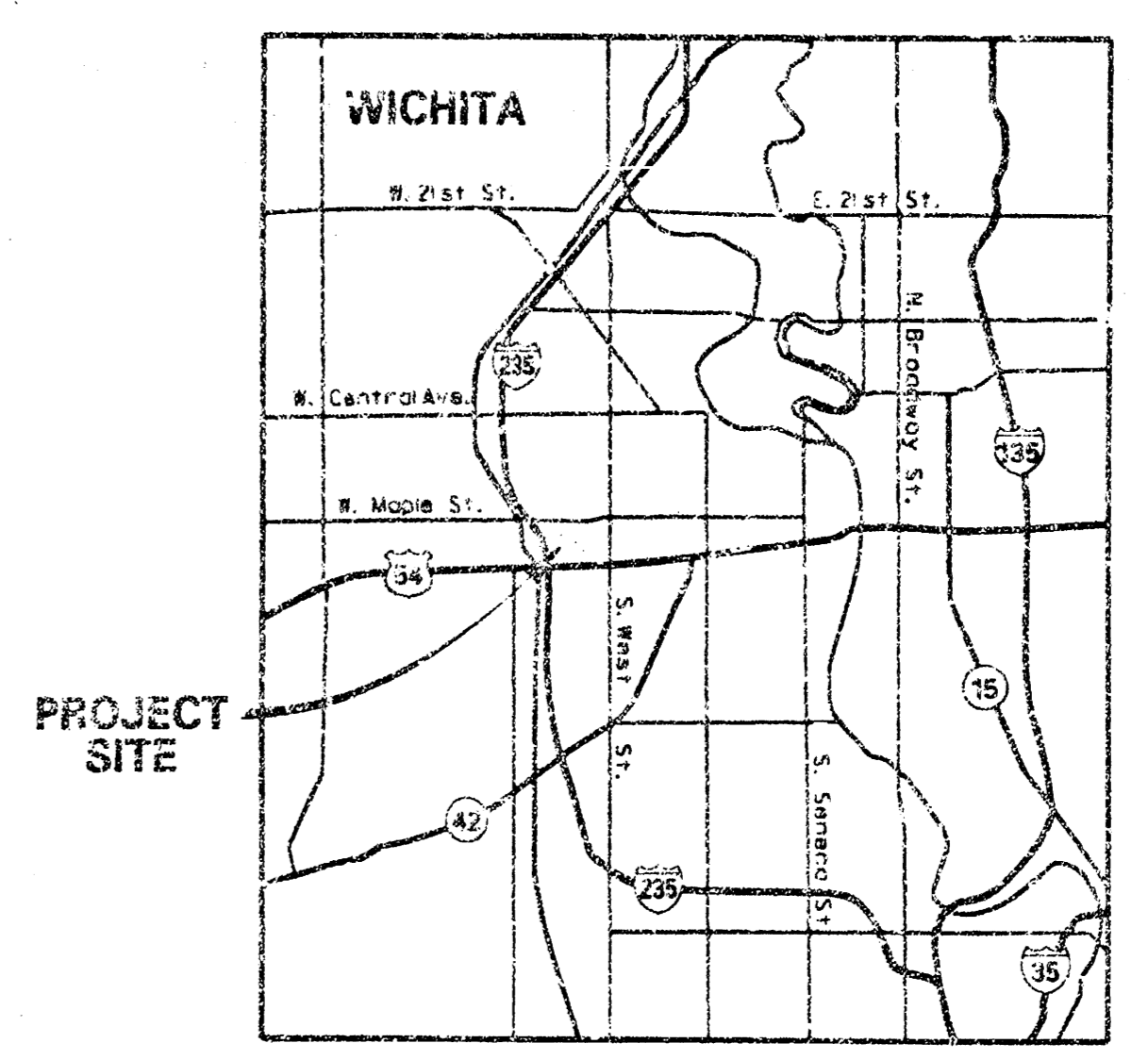
1. GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL SEDIMENT CONTROL AND ABOLITION ORDINANCES OR RULES.
2. THE GRADING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SOIL AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION, AND SEDIMENT ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND CESSATION OF SOIL DISTURBING ACTIVITIES.
3. HAY BALES SHALL BE STAKED AROUND THE NEW CATCH BASIN TO PREVENT SILT FROM ENTERING THE STORM SEWER SYSTEM. TEMPORARY SILT FENCING MAY BE REQUIRED TO CONTAIN SILT WITHIN THE CONSTRUCTION AREA. EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO START OF GRADING OPERATIONS. CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES AND SHALL REMOVE SILT AS NEEDED.
4. GRADING CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING OR BY OTHER METHODS.

SITE GRADING & STORM DRAINAGE NOTES:

1. STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS.
2. ALL SITE STORM DRAINAGE MATERIALS SHALL BE INSPECTED AND APPROVED BY THE CITY OF WICHITA.
3. SITE GRADING AND STORM DRAINAGE FACILITIES INDICATED ON THE PLANS WERE ESTABLISHED FROM UNADJUSTED SURVEY DATA. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND ELEVATIONS OF DRAINAGE FACILITIES AND EXISTING GRADES PRIOR TO CONSTRUCTION.
4. IT IS THE PROJECT INTENT FOR THE CONTRACTOR TO VERIFY AND MATCH EXISTING CONDITIONS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
5. HOUR GRADE ELEVATIONS SHALL BE AS FOLLOWS:
 - a. 6" BELOW FINISHED CONTOURS IN STANDARD DUTY PAVED AREAS: 12.0" INCH 6.0" CRUSHED STONE BASE, AND 6.0" RECOMPACTED SUBGRADE
 - b. 12" BELOW FINISHED CONTOURS IN HEAVY DUTY PAVED AREAS: 13.0" INCH 6.0" CRUSHED STONE BASE, AND 6.0" RECOMPACTED SUBGRADE
6. NEW FINISHED CONTOURS SHOWN ARE TOP OF FUTURE PAVING.
7. STORM DRAIN PIPE IS CLASS III REINFORCED CONCRETE CONFORMING TO ASTM C-76 UNLESS NOTED OTHERWISE.
8. EXISTING ASPHALT & BASE MATERIAL TO BE REMOVED TO A DEPTH OF 2" BELOW EXISTING GRADE IN NEW LANDSCAPED ISLANDS AND LANDSCAPING ADJACENT TO SUBURBS.
9. FOR EXISTING LANDSCAPED ISLANDS TO BE DEMOLISHED FOR NEW PAVEMENT, REFERENCE DETAIL 5 THIS SHEET.
10. REFER TO SHEET C01 FOR ADDITIONAL DETAILS AND SECTIONS.

SITE PAVING NOTES :

1. CRUSHED STONE BASE AND ASPHALT PAVEMENT MATERIAL AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE STATE OF KANSAS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR ROADS.
2. ASPHALT SEAL COAT SHALL ONLY BE APPLIED AFTER THE EXISTING ASPHALT SURFACE HAS BEEN PROPERLY CLEANED AND PREPARED PER MANUFACTURER'S RECOMMENDATIONS. TWO (2) SEAL COAT APPLICATIONS ARE REQUIRED. ONLY APPLICATION TECHNIQUES APPROVED BY THE MANUFACTURER SHALL BE USED.



VICINITY MAP
 NO SCALE

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Storm Water Sewer _____

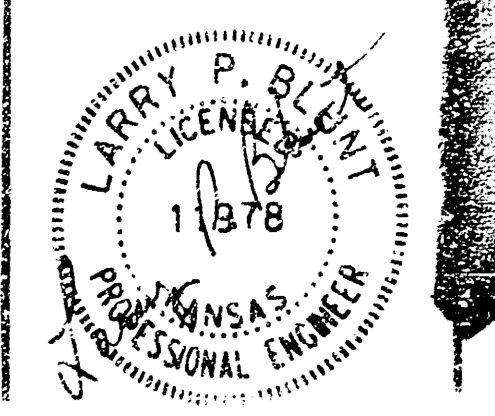
NOTE TO CONTRACTORS

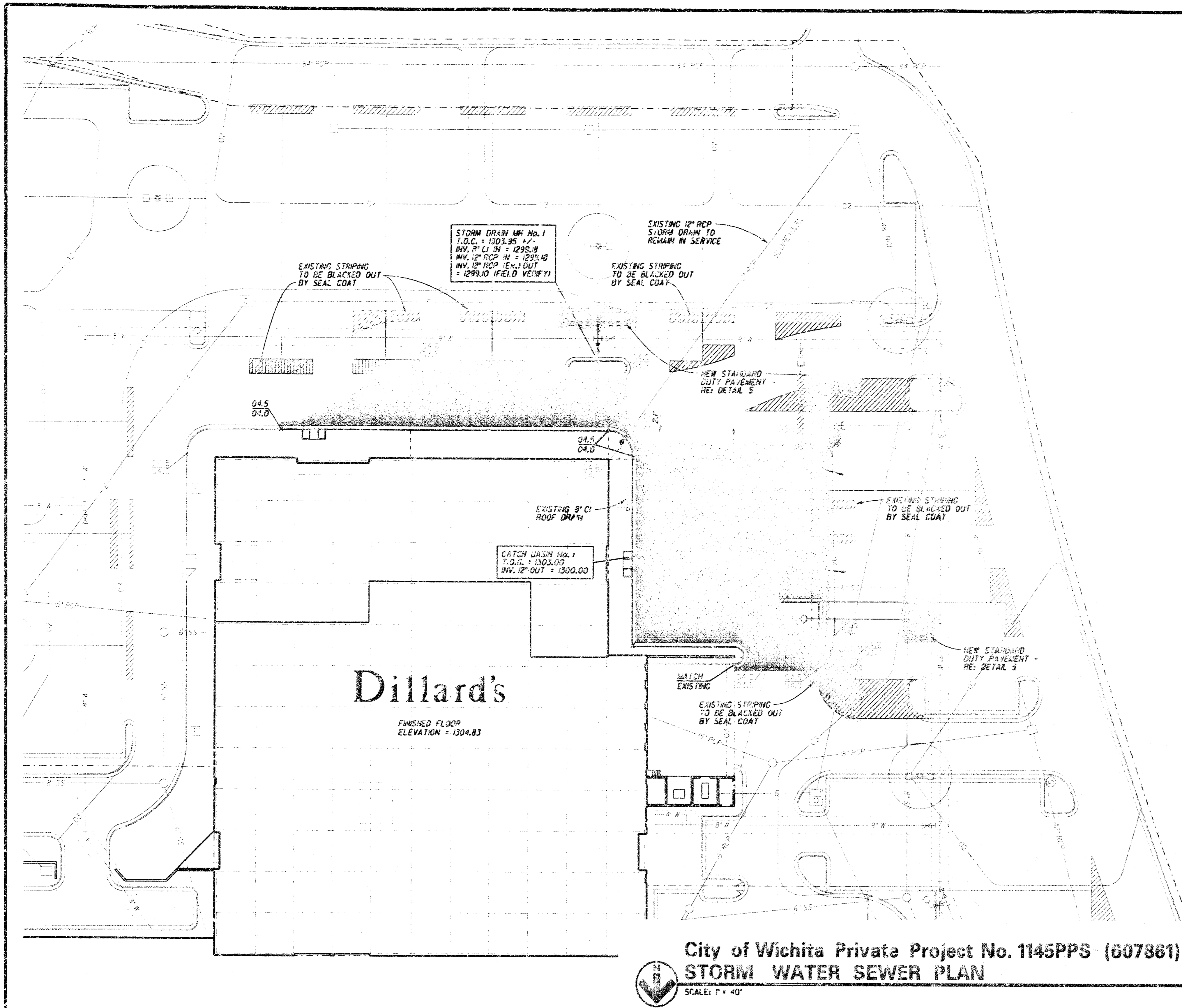
Inspection and supervision of testing for this project is to be provided by a licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practice and certified by a licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards on file and available in the City Engineer's Office.

Architect

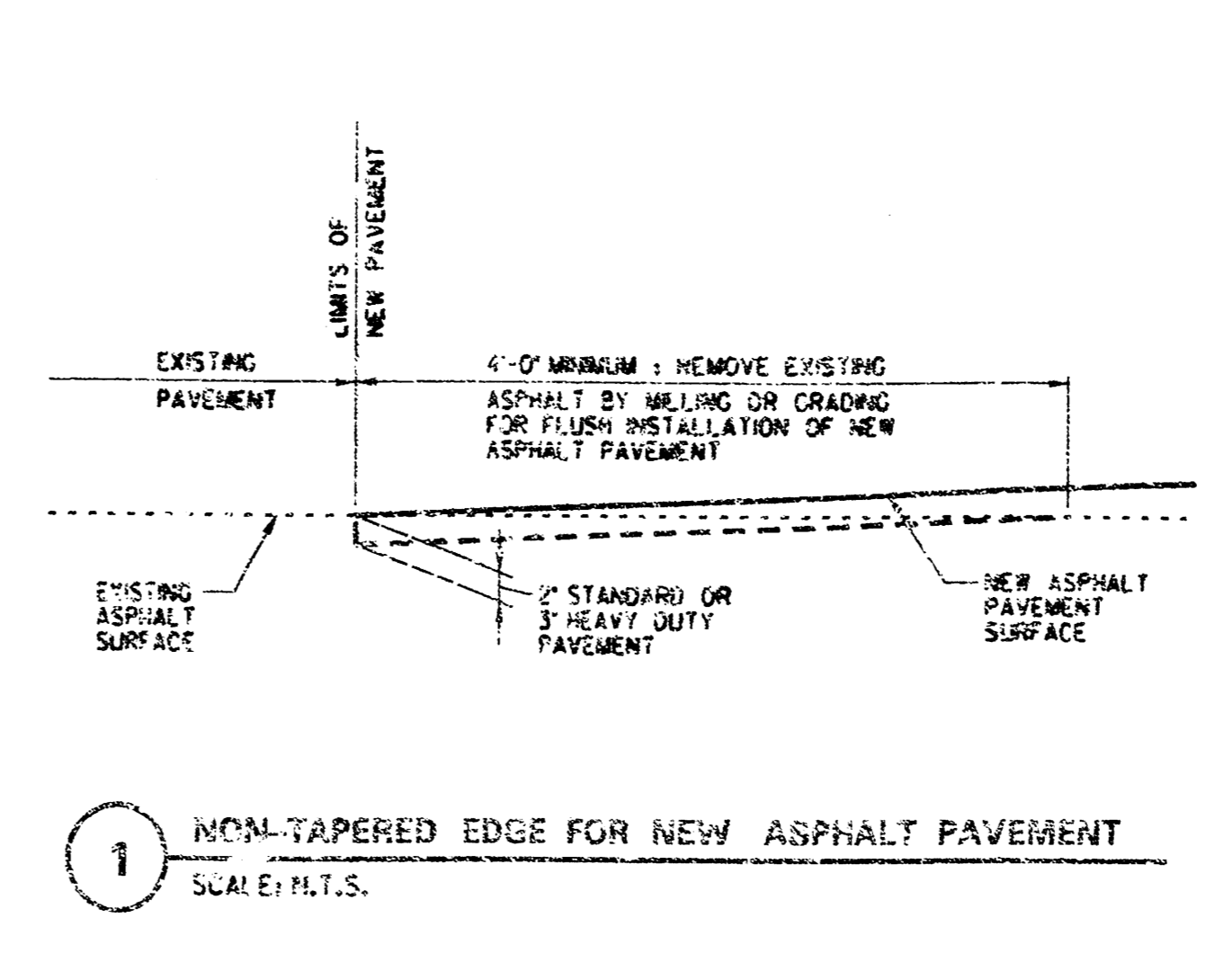
Clyde M. Well, Architect
 Washington, Plaza Suite 400
 300 Washington Street
 Newton, Kansas 67458

Dillard's
 TOWNE WEST SQUARE - WARD'S - SOUTH
 WICHITA, KANSAS

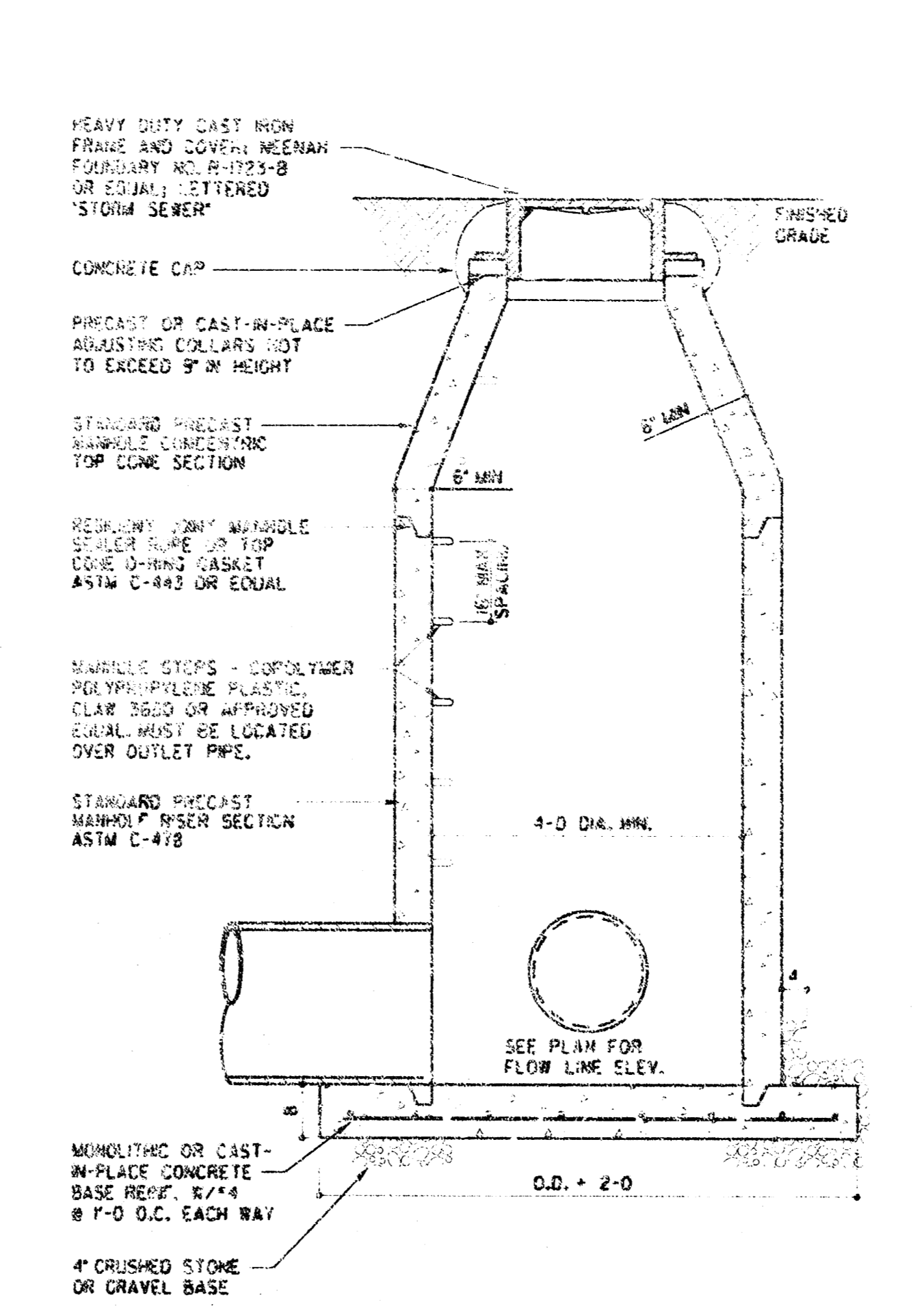




City of Wichita Private Project No. 1145PPS (607361)
STORM WATER SEWER PLAN
 SCALE: 1" = 40'



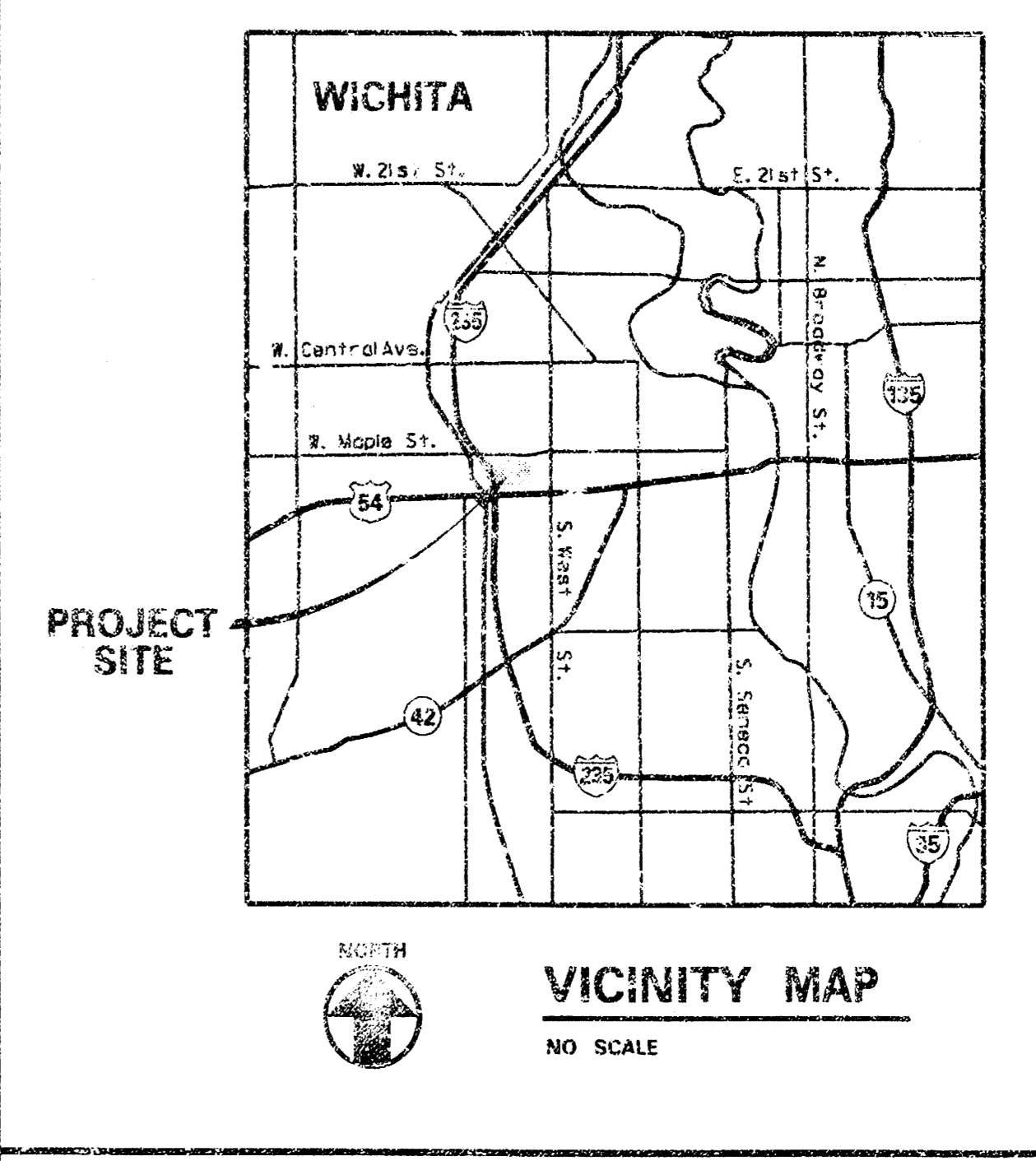
1 NON-TAPERED EDGE FOR NEW ASPHALT PAVEMENT
 SCALE: 1/2" = 1'-0"



2 STANDARD STORM SEWER PRECAST MANHOLE
 SCALE: 1/2" = 1'-0"

CONSTRUCTION NOTES

- EROSION AND SEDIMENT CONTROL NOTES :**
1. DRAINING CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL SEDIMENT CONTROL AND AIR POLLUTION ORDINANCES OR RULES.
 2. THE DRAINING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SOIL AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION, AND SETBACK ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND CESSATION OF SOIL DISTURBING ACTIVITIES.
 3. SALT BALES SHALL BE STACKED AROUND THE NEW CATCH BASIN TO PROHIBIT SILT FROM ENTERING THE STORM SEWER SYSTEM. TEMPORARY SALT FENCING MAY BE REQUIRED TO CONTAIN SALT WITHIN THE CONSTRUCTION AREA. EROSION CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO START OF DRAINING OPERATIONS. CONTRACTOR SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL DEVICES AND SHALL REMOVE SALT AS NEEDED.
 4. DRAINING CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING OR BY OTHER METHODS.
- SITE GRADING & STORM DRAINAGE NOTES:**
1. STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS.
 2. ALL SITE STORM DRAINAGE MATERIALS SHALL BE INSPECTED AND APPROVED BY THE CITY OF WICHITA.
 3. SITE GRADES AND STORM DRAINAGE FACILITIES INDICATED ON THE PLANS WERE ESTABLISHED FROM ORIGINAL SURVEY. CONSTRUCTION DRAWINGS AND HAVE NOT BEEN VERIFIED BY TOPOGRAPHIC SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTENCE, LOCATION, AND ELEVATIONS OF DRAINAGE FACILITIES AND EXISTING GRADES PRIOR TO CONSTRUCTION.
 4. IT IS THE PROJECT INTENT FOR THE CONTRACTOR TO VERIFY AND MATCH EXISTING CONDITIONS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
 5. ROUNDED GRADE ELEVATIONS SHALL BE AS FOLLOWS:
 - a. 2' BELOW FINISHED CONTOURS IN STANDARD DUTY PAVED AREAS: (2.0" MIN. 6.0" CRUSHED STONE BASE, AND 6.0" RECOMPACTED SUBGRADE)
 - b. 1" BELOW FINISHED CONTOURS IN HEAVY DUTY PAVED AREAS: (3.0" MIN. 6.0" CRUSHED STONE BASE, AND 6.0" RECOMPACTED SUBGRADE)
 6. NEW FINISHED CONTOURS SHOWN ARE TOP OF FUTURE PAVING.
 7. STORM DRAIN PIPE IS CLASS III REINFORCED CONCRETE CONFORMING TO ASTM C-76 UNLESS NOTED OTHERWISE.
 8. EXISTING ASPHALT & BASE MATERIAL TO BE REMOVED TO A DEPTH OF 2" BELOW EXISTING GRADE IN NEW LANDSCAPED ISLANDS AND LANDSCAPING ADJACENT TO BUILDINGS.
 9. FOR EXISTING LANDSCAPED ISLANDS TO BE DEMOLISHED FOR NEW PAVEMENT, REFERENCE DETAIL 9 THE SHEET.
 10. REFER TO SHEET 001 FOR ADDITIONAL DETAILS AND SECTIONS.
- SITE PAVING NOTES :**
1. CRUSHED STONE BASE AND ASPHALT PAVEMENT MATERIAL AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE STATE OF KANSAS DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR ROADS.
 2. ASPHALT SEAL COAT SHALL ONLY BE APPLIED AFTER THE EXISTING ASPHALT SURFACE HAS BEEN PROPERLY CLEANED AND PREPARED PER MANUFACTURER'S RECOMMENDATIONS. TWO (2) SEAL COAT APPLICATIONS ARE REQUIRED. ONLY APPLICATION TECHNIQUES APPROVED BY THE MANUFACTURER SHALL BE USED.



APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Storm Water Sewer *VRH 8/23/01*

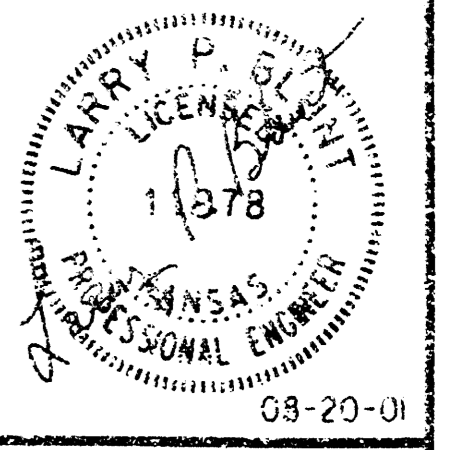
NOTE TO CONTRACTORS

Inspection and supervision of testing for this project is to be provided by a Licensed Consulting Engineering firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practice and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All construction and materials shall comply with the City of Wichita Specifications and Standards on file and available in the City Engineer's Office 1.

Professional Engineer
 License No. 11378
 State of Kansas
 Mechanical License 1251

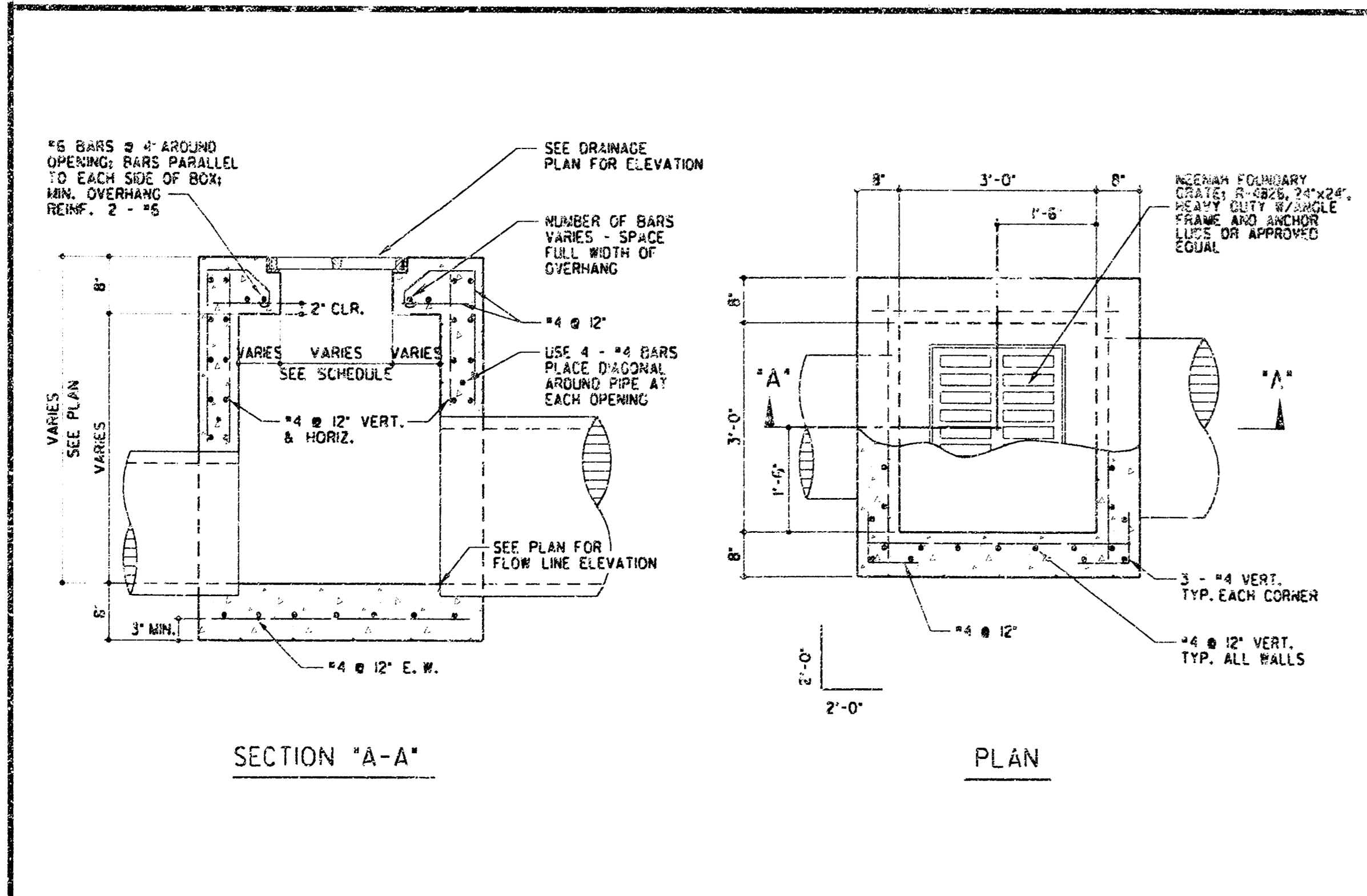
Clyde H. Webb,
 Architect
 Washington, Plaza, Suite 402
 1000 North Lincoln Street
 Wichita, Kansas 67202

SITEWORK FOR :
Dillard's (SOUTH)
 TOWNE WEST SQUARE
 WICHITA, KANSAS

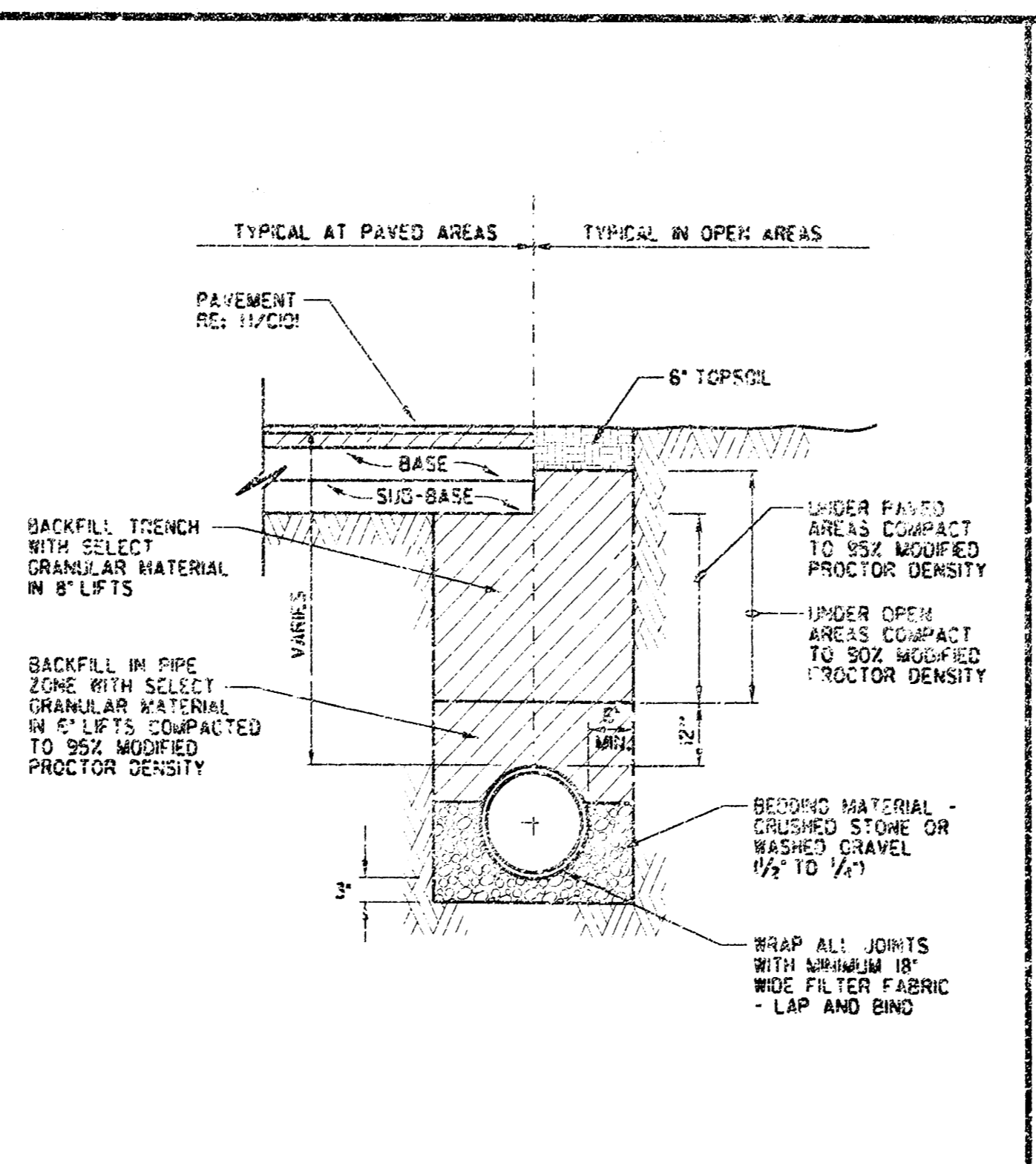


Job No.	01067
Date	MAY, 2001
Revisions	
No.	Date
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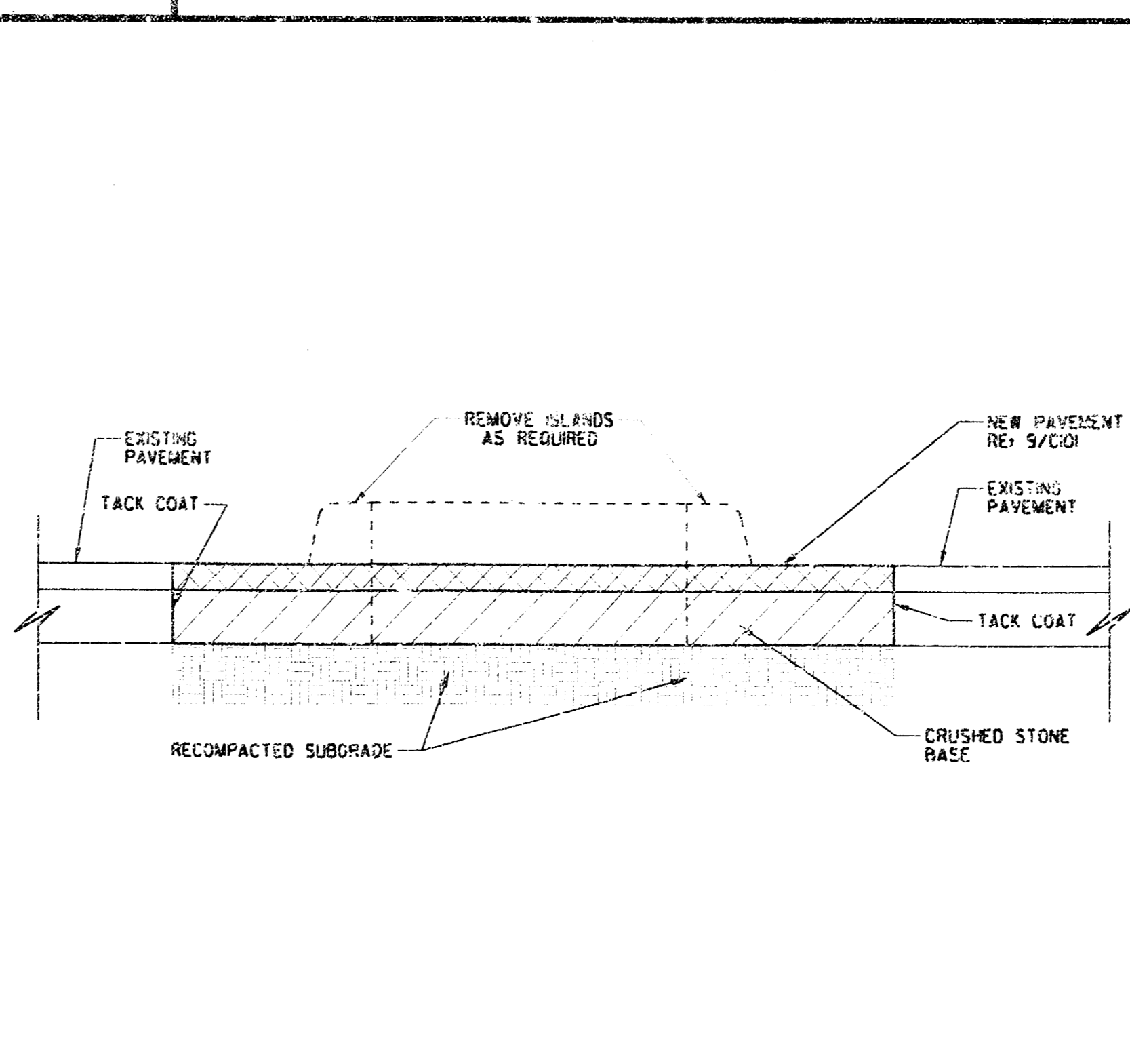
City of Wichita
 Private Project
 No. 1145PPS (607361)
 STORM WATER SEWER



3 TYPICAL DRAINAGE STRUCTURE
 SCALE: N.T.S.



4 TYPICAL STORM SEWER TRENCH
 SCALE: N.T.S.



5 CURB ISLAND REMOVAL FOR NEW PAVEMENT
 SCALE: 1/2" = 1'-0"

10 40 50 41