

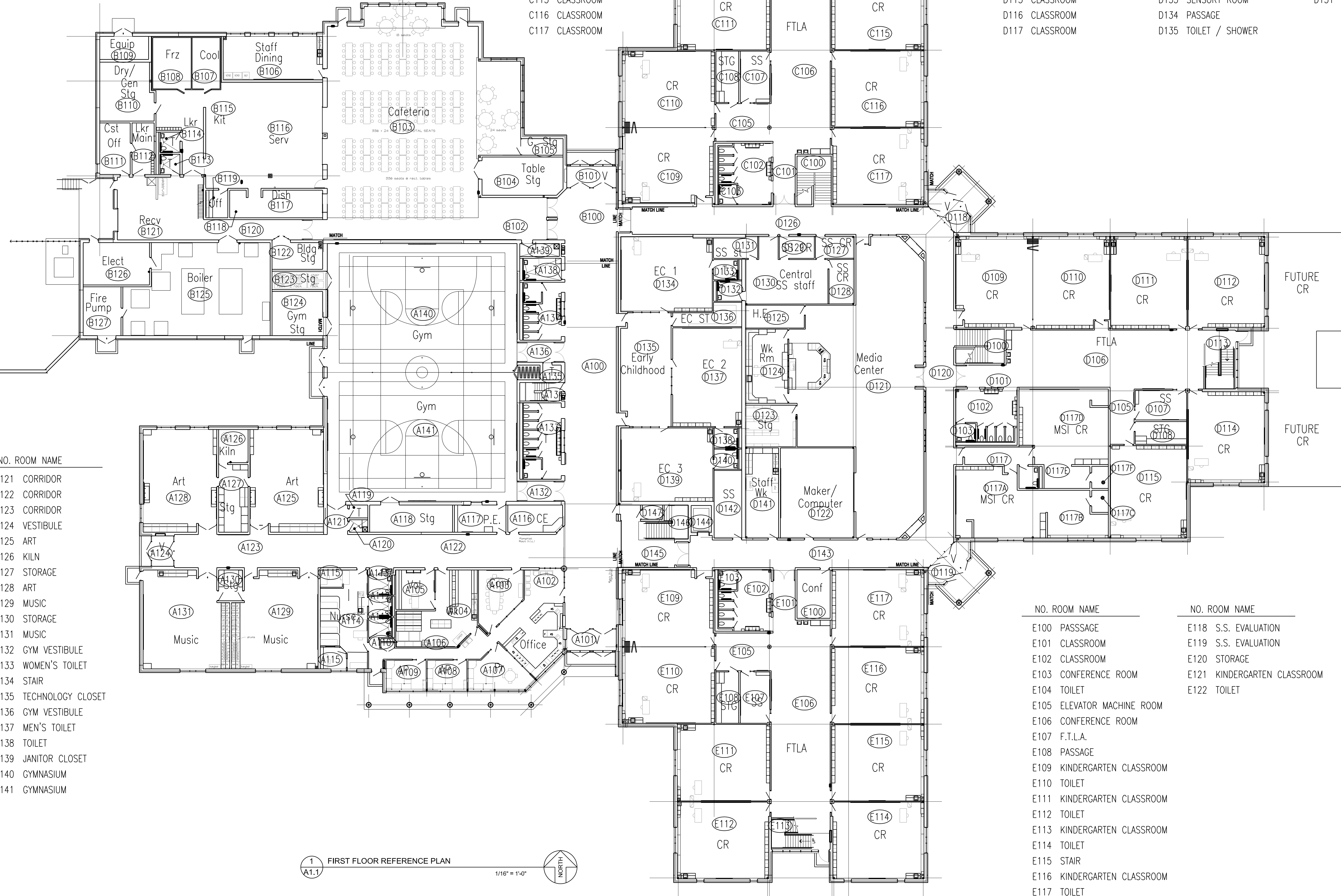
NO. ROOM NAME	NO. ROOM NAME
B100 CORRIDOR	B115 WARE WASHING
B101 VESTIBULE	B116 NOT USED
B102 PASSAGE	B117 SERVING
B103 CAFETERIA / GYM	B118 PASSAGE
B104 TABLE STORAGE	B119 KITCHEN OFFICE
B105 GYM STORAGE	B120 TOILET
B106 STAFF DINING	B121 LOCKER
B107 COOLER	B122 PASSAGE
B108 FREEZER	B123 RECEIVING
B109 PLAYGROUND EQUIPMENT	B124 BUILDING STORAGE
B110 DRY / GENERAL STORAGE	B125 CHAIR STORAGE
B111 CUSTODIAL OFFICE	B126 GYM STORAGE
B112 LOCKER / MAINT	B127 BOILER ROOM
B113 TOILET	B128 ELECTRICAL ROOM
B114 KITCHEN	B129 FIRE PUMP

NO. ROOM NAME	NO. ROOM NAME
B115 WARE WASHING	B130 STORAGE
B116 NOT USED	B131 MUSIC
B117 SERVING	B132 GYM VESTIBULE
B118 PASSAGE	B133 WOMEN'S TOILET
B119 KITCHEN OFFICE	B134 STAIR
B120 TOILET	B135 TECHNOLOGY CLOSET
B121 LOCKER	B136 GYM VESTIBULE
B122 PASSAGE	B137 MEN'S TOILET
B123 RECEIVING	B138 TOILET
B124 BUILDING STORAGE	B139 JANITOR CLOSET
B125 CHAIR STORAGE	B140 GYMNASIUM
B126 GYM STORAGE	B141 GYMNASIUM

NO. ROOM NAME	NO. ROOM NAME
C100 STAIR	D100 STAIR
C101 PASSAGE	D101 PASSAGE
C102 HAND WASHING	D102 HAND WASHING
C103 BOYS TOILET	D103 BOYS TOILET
C104 GIRLS TOILET	D104 GIRLS TOILET
C105 F.T.L.A.	D105 F.T.L.A.
C106 F.T.L.A.	D106 F.T.L.A.
C107 SPECIAL SERVICES	D107 SPECIAL SERVICES
C108 STORAGE	D108 STORAGE
C109 CLASSROOM	D109 CLASSROOM
C110 CLASSROOM	D110 CLASSROOM
C111 CLASSROOM	D111 CLASSROOM
C112 CLASSROOM	D112 CLASSROOM
C113 STAIR	D113 STAIR
C114 CLASSROOM	D114 CLASSROOM
C115 CLASSROOM	D115 CLASSROOM
C116 CLASSROOM	D116 CLASSROOM
C117 CLASSROOM	D117 CLASSROOM

NO. ROOM NAME	NO. ROOM NAME
D100 STAIR	D118 VESTIBULE
D101 PASSAGE	D119 VESTIBULE
D102 HAND WASHING	D120 CORRIDOR
D103 BOYS TOILET	D121 NOT USED
D104 GIRLS TOILET	D122 CORRIDOR
D105 F.T.L.A.	D123 SPECIAL SERV. STAFF OFFICE
D106 F.T.L.A.	D124 SPECIAL SERV. CLASSROOM
D107 SPECIAL SERVICES	D125 SPECIAL SERV. CLASSROOM
D108 STORAGE	D126 SPECIAL SERV. CLASSROOM
D109 CLASSROOM	D127 STORAGE
D110 CLASSROOM	D128 JANITOR CLOSET
D111 CLASSROOM	D129 STAFF TOILET
D112 CLASSROOM	D130 STAFF TOILET
D113 STAIR	D131 MSI CLASSROOM
D114 CLASSROOM	D132 CLOSET
D115 CLASSROOM	D133 SENSORY ROOM
D116 CLASSROOM	D134 PASSAGE
D117 CLASSROOM	D135 TOILET / SHOWER

NO. ROOM NAME	NO. ROOM NAME
D118 VESTIBULE	D136 MSI CLASSROOM
D119 VESTIBULE	D137 WORK ROOM
D120 CORRIDOR	D138 HEAD END
D121 NOT USED	D139 STORAGE
D122 CORRIDOR	D140 COMPUTER LAB
D123 SPECIAL SERV. STAFF OFFICE	D141 CIRCULATION DESK
D124 SPECIAL SERV. CLASSROOM	D142 MEDIA CENTER
D125 SPECIAL SERV. CLASSROOM	D143 JANITOR CLOSET
D126 SPECIAL SERV. CLASSROOM	D144 STAFF WORK ROOM
D127 STORAGE	D145 E.B.D. CLASSROOM
D128 JANITOR CLOSET	D146 S.S.A. CLASSROOM
D129 STAFF TOILET	D147 S.S.A. OFFICE
D130 STAFF TOILET	D148 ELEVATOR
D131 MSI CLASSROOM	D149 CORRIDOR
D132 CLOSET	D150 CORRIDOR
D133 SENSORY ROOM	D151 STAIR



NO. ROOM NAME	NO. ROOM NAME
A100 CORRIDOR	A121 CORRIDOR
A101 VESTIBULE	A122 CORRIDOR
A102 GENERAL OFFICE	A123 CORRIDOR
A103 CONFERENCE ROOM	A124 VESTIBULE
A104 WORK ROOM	A125 ART
A105 VOLUNTEER WORK ROOM	A126 KILN
A106 HALLWAY	A127 STORAGE
A107 PRINCIPAL'S OFFICE	A128 ART
A108 ASST. PRINC. OFFICE	A129 MUSIC
A109 ASST. PRINC. OFFICE	A130 STORAGE
A110 COAT CLOSET	A131 MUSIC
A111 STAFF TOILET	A132 GYM VESTIBULE
A112 TOILET	A133 WOMEN'S TOILET
A113 STAFF TOILET	A134 STAIR
A114 NURSE GENERAL OFFICE	A135 TECHNOLOGY CLOSET
A115 NURSE OFFICE	A136 GYM VESTIBULE
A116 COMMUNITY ED. OFFICE	A137 MEN'S TOILET
A117 PHY.ED. OFFICE	A138 TOILET
A118 GYM STORAGE	A139 JANITOR CLOSET
A119 TECHNOLOGY CLOSET	A140 GYMNASIUM
A120 JANITOR CLOSET	A141 GYMNASIUM

NO. ROOM NAME	NO. ROOM NAME
A121 CORRIDOR	E100 PASSAGE
A122 CORRIDOR	E101 CLASSROOM
A123 CORRIDOR	E102 CLASSROOM
A124 VESTIBULE	E103 CONFERENCE ROOM
A125 ART	E104 TOILET
A126 KILN	E105 ELEVATOR MACHINE ROOM
A127 STORAGE	E106 CONFERENCE ROOM
A128 ART	E107 F.T.L.A.
A129 MUSIC	E108 PASSAGE
A130 STORAGE	E109 KINDERGARTEN CLASSROOM
A131 MUSIC	E110 TOILET
A132 GYM VESTIBULE	E111 KINDERGARTEN CLASSROOM
A133 WOMEN'S TOILET	E112 TOILET
A134 STAIR	E113 KINDERGARTEN CLASSROOM
A135 TECHNOLOGY CLOSET	E114 TOILET
A136 GYM VESTIBULE	E115 STAIR
A137 MEN'S TOILET	E116 KINDERGARTEN CLASSROOM
A138 TOILET	E117 TOILET

NO. ROOM NAME	NO. ROOM NAME
E100 PASSAGE	E118 S.S. EVALUATION
E101 CLASSROOM	E119 S.S. EVALUATION
E102 CLASSROOM	E120 STORAGE
E103 CONFERENCE ROOM	E121 KINDERGARTEN CLASSROOM
E104 TOILET	E122 TOILET

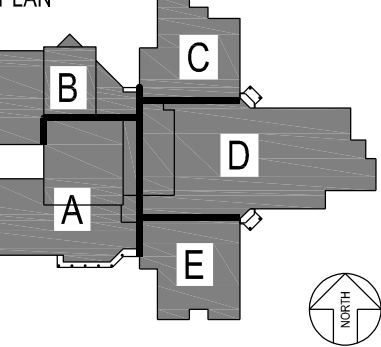
1 FIRST FLOOR REFERENCE PLAN
 1/16" = 1'-0"
 NORTH

REVISIONS

New Elementary School - Ramsey Site
Anoka-Hennepin Schools
 Anoka-Hennepin Schools, ISD No. 11
 2727N Ferry Street, Anoka MN 55303

SIGNATURE / SEAL

KEYPLAN



DRAWN BY

TDC

CHECKED BY

DMM

ISSUED FOR

CITY

SUBMITTAL

ISSUE DATE

December 7, 2017

SHEET NAME

FIRST FLOOR

REFERENCE PLAN

ATS&R PROJECT NO.

17018

REVISION NO.

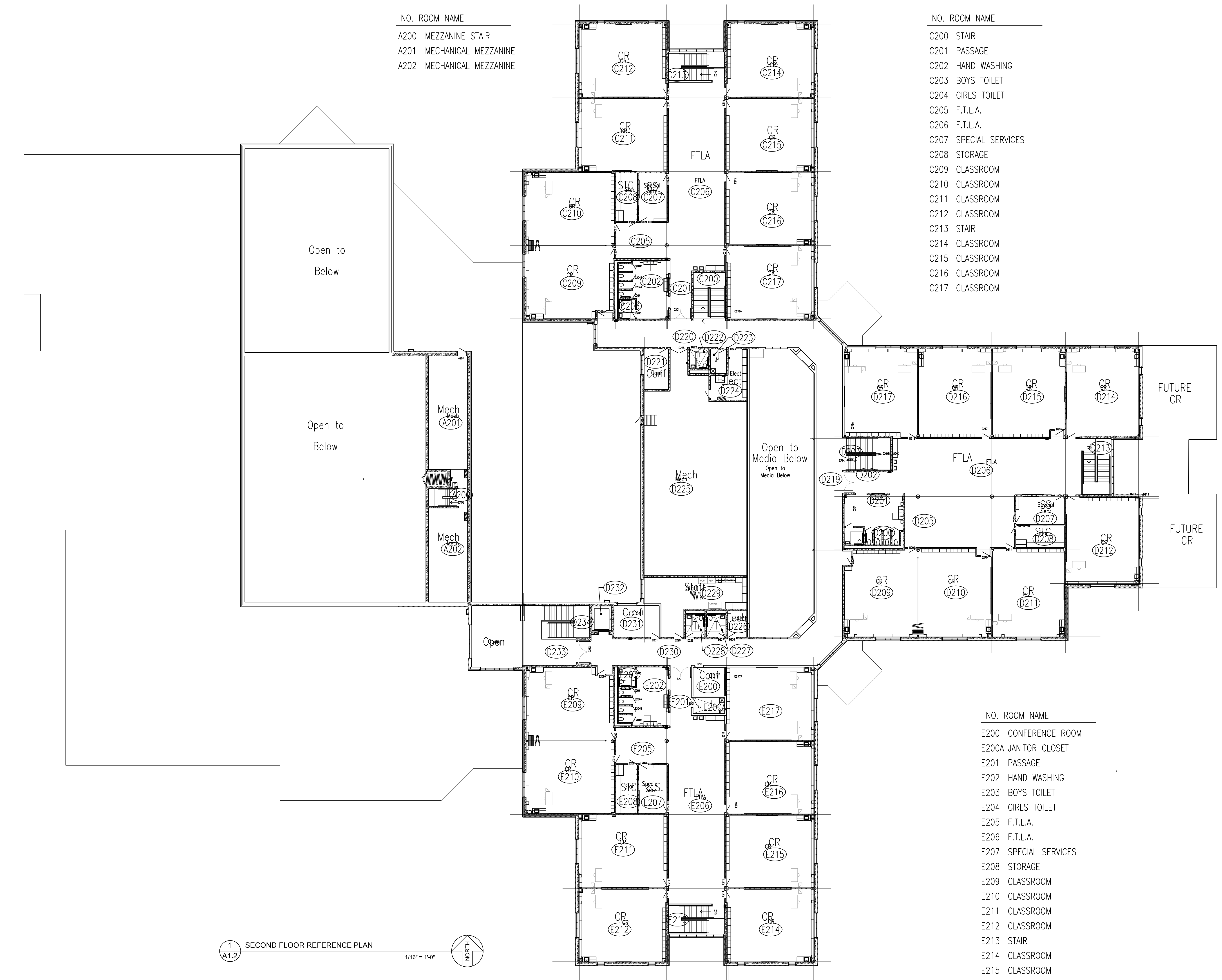
SHEET NUMBER

NO.	ROOM NAME
A200	MEZZANINE STAIR
A201	MECHANICAL MEZZANINE
A202	MECHANICAL MEZZANINE

NO.	ROOM NAME
C200	STAIR
C201	PASSAGE
C202	HAND WASHING
C203	BOYS TOILET
C204	GIRLS TOILET
C205	F.T.L.A.
C206	F.T.L.A.
C207	SPECIAL SERVICES
C208	STORAGE
C209	CLASSROOM
C210	CLASSROOM
C211	CLASSROOM
C212	CLASSROOM
C213	STAIR
C214	CLASSROOM
C215	CLASSROOM
C216	CLASSROOM
C217	CLASSROOM

NO.	ROOM NAME
D200	STAIR
D201	PASSAGE
D202	HAND WASHING
D203	BOYS TOILET
D204	GIRLS TOILET
D205	F.T.L.A.
D206	F.T.L.A.
D207	SPECIAL SERVICES
D208	STORAGE
D209	CLASSROOM
D210	CLASSROOM
D211	CLASSROOM
D212	CLASSROOM
D213	STAIR
D214	CLASSROOM
D215	CLASSROOM
D216	CLASSROOM
D217	CLASSROOM
D218	CORRIDOR
D219	CORRIDOR
D220	JANITOR CLOSET
D221	RESCUE EQUIPMENT CLOSET
D222	STAFF TOILET
D223	STAFF TOILET
D224	ELECTRICAL ROOM
D225	CONFERENCE ROOM
D226	TECHNOLOGY CLOSET
D227	E.B.D. CLASSROOM
D228	MECHANICAL ROOM
D229	STAFF TOILET
D230	STAFF WORK ROOM
D231	RESCUE EQUIPMENT CLOSET
D232	ELEVATOR
D233	CORRIDOR
D234	CORRIDOR
D235	STAIR

NO.	ROOM NAME
E200	CONFERENCE ROOM
E200A	JANITOR CLOSET
E201	PASSAGE
E202	HAND WASHING
E203	BOYS TOILET
E204	GIRLS TOILET
E205	F.T.L.A.
E206	F.T.L.A.
E207	SPECIAL SERVICES
E208	STORAGE
E209	CLASSROOM
E210	CLASSROOM
E211	CLASSROOM
E212	CLASSROOM
E213	STAIR
E214	CLASSROOM
E215	CLASSROOM
E216	CLASSROOM
E217	COMPUTER LAB



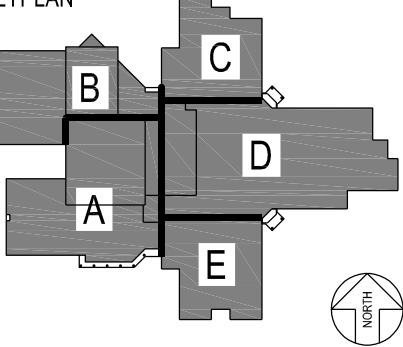
1 SECOND FLOOR REFERENCE PLAN
 A1.2
 1/16" = 1'-0"
 NORTH

REVISIONS

New Elementary School - Ramsey Site
Anoka Hennepin Schools
 Anoka-Hennepin Schools, ISD No. 11
 2727N Ferry Street, Anoka MN 55303

SIGNATURE / SEAL

KEYPLAN



DRAWN BY

TDC

CHECKED BY

DMM

ISSUED FOR

CITY

SUBMITTAL

ISSUE DATE

December 7, 2017

SHEET NAME

SECOND FLOOR REFERENCE PLAN

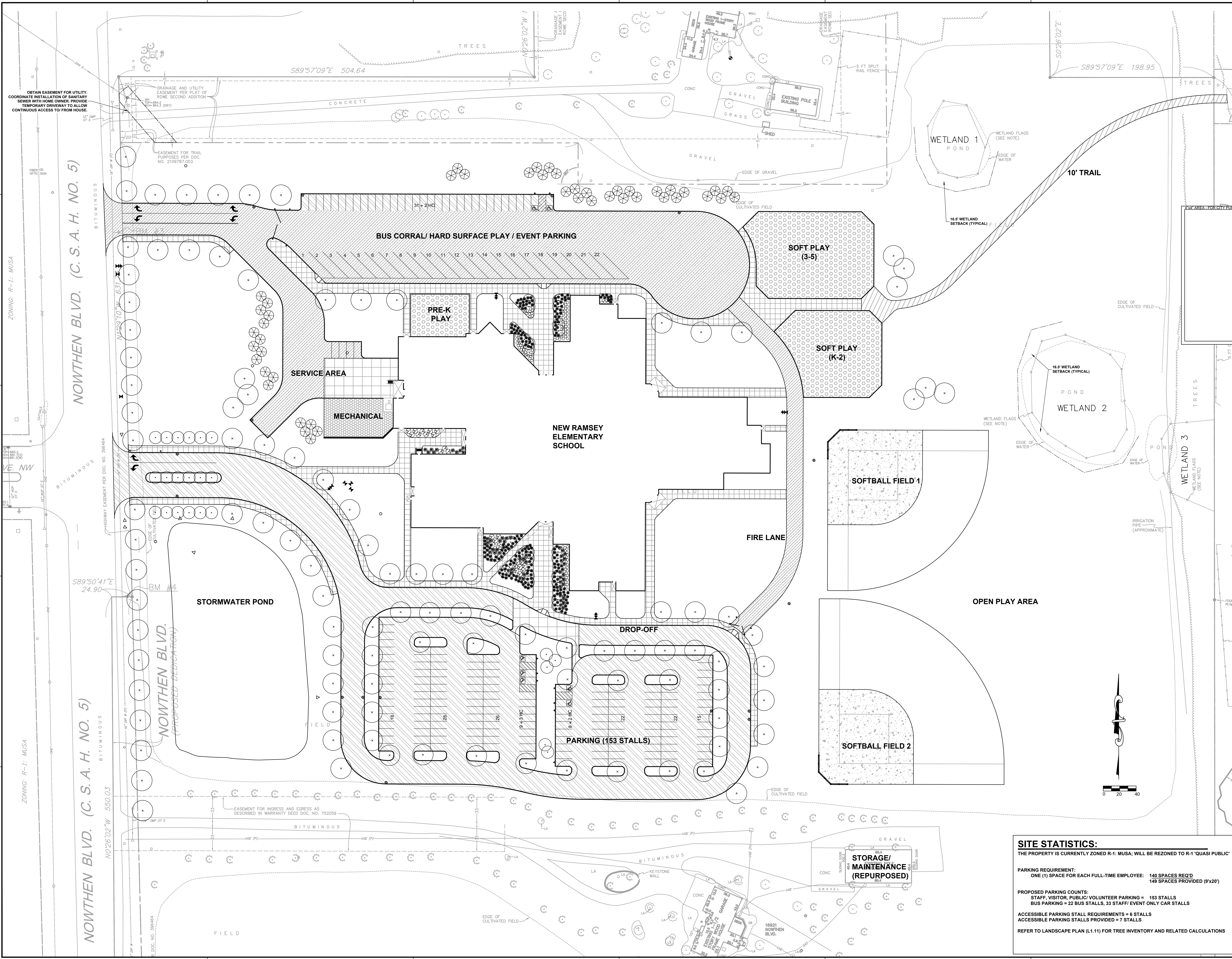
ATS&R PROJECT NO.

17018

REVISION NO.

SHEET NUMBER

A1.2



SITE STATISTICS:
THE PROPERTY IS CURRENTLY ZONED R-1; MUSA; WILL BE REZONED TO R-1 QUASI PUBLIC

PARKING REQUIREMENT:
ONE (1) SPACE FOR EACH FULL-TIME EMPLOYEE: 140 SPACES REQ'D
149 SPACES PROVIDED (9'x20')

PROPOSED PARKING COUNTS:
STAFF, VISITOR, PUBLIC, VOLUNTEER PARKING = 153 STALLS
BUS PARKING = 22 BUS STALLS, 33 STAFF/ EVENT ONLY CAR STALLS

ACCESSIBLE PARKING STALL REQUIREMENTS = 6 STALLS
ACCESSIBLE PARKING STALLS PROVIDED = 7 STALLS

REFER TO LANDSCAPE PLAN (L.1.11) FOR TREE INVENTORY AND RELATED CALCULATIONS

NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA
ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

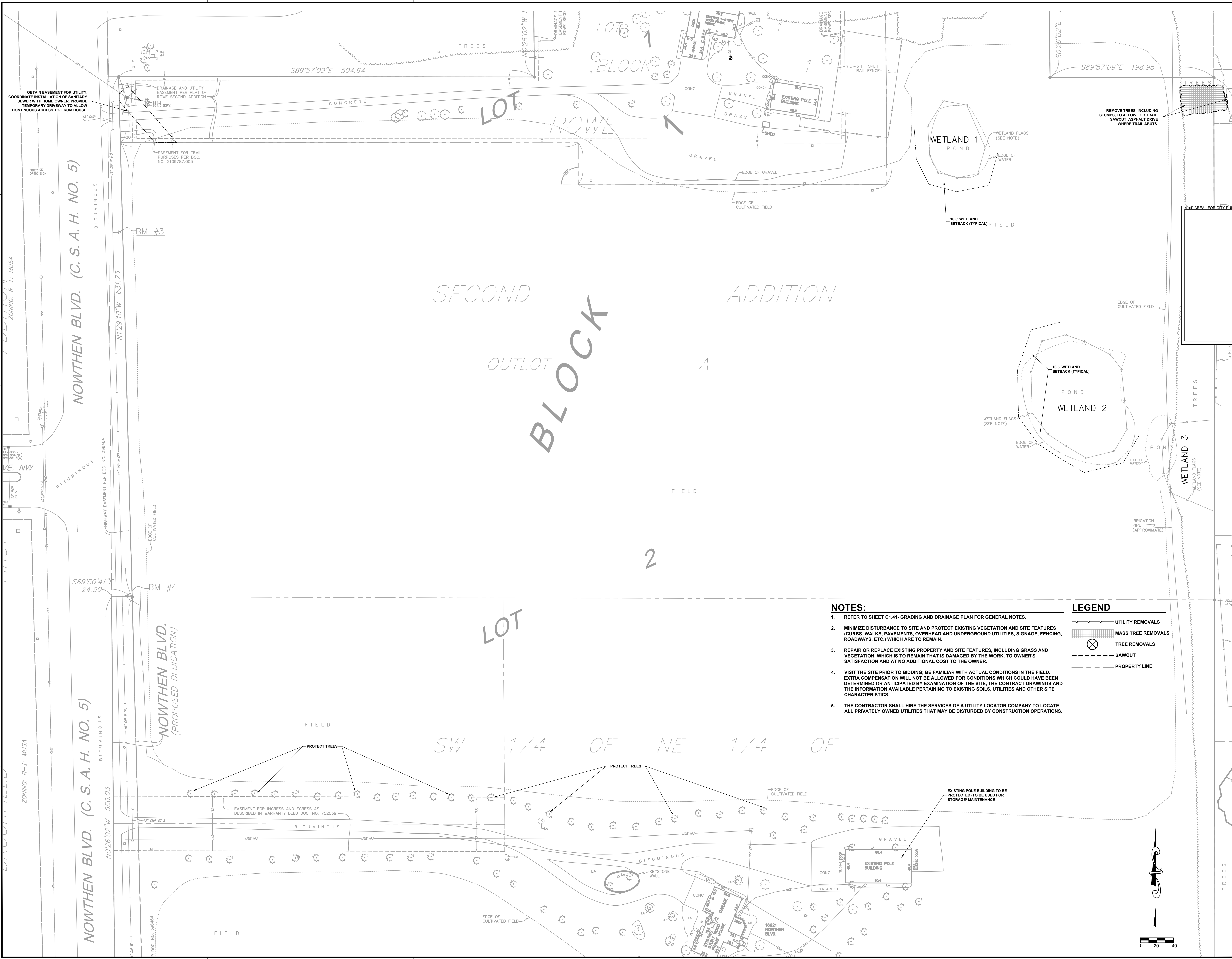
SIGNATURE / SEAL
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE _____
TYPED OR PRINTED NAME _____
DATE _____
LICENSE NUMBER _____

REVISIONS

DRAWN BY _____
CHECKED BY _____
JRP
ISSUED FOR _____
AGENCY REVIEW _____
REVIEW _____
ISSUE DATE _____

12/08/2017
SHEET NAME _____
SITE REFERENCE PLAN _____
ATS&R PROJECT NO. _____
17119
SHEET NUMBER _____



- NOTES:**
- REFER TO SHEET C1.41- GRADING AND DRAINAGE PLAN FOR GENERAL NOTES.
 - MINIMIZE DISTURBANCE TO SITE AND PROTECT EXISTING VEGETATION AND SITE FEATURES (CURBS, WALKS, PAVEMENTS, OVERHEAD AND UNDERGROUND UTILITIES, SIGNAGE, FENCING, ROADWAYS, ETC.) WHICH ARE TO REMAIN.
 - REPAIR OR REPLACE EXISTING PROPERTY AND SITE FEATURES, INCLUDING GRASS AND VEGETATION, WHICH IS TO REMAIN THAT IS DAMAGED BY THE WORK, TO OWNER'S SATISFACTION AND AT NO ADDITIONAL COST TO THE OWNER.
 - VISIT THE SITE PRIOR TO BIDDING; BE FAMILIAR WITH ACTUAL CONDITIONS IN THE FIELD. EXTRA COMPENSATION WILL NOT BE ALLOWED FOR CONDITIONS WHICH COULD HAVE BEEN DETERMINED OR ANTICIPATED BY EXAMINATION OF THE SITE, THE CONTRACT DRAWINGS AND THE INFORMATION AVAILABLE PERTAINING TO EXISTING SOILS, UTILITIES AND OTHER SITE CHARACTERISTICS.
 - THE CONTRACTOR SHALL HIRE THE SERVICES OF A UTILITY LOCATOR COMPANY TO LOCATE ALL PRIVATELY OWNED UTILITIES THAT MAY BE DISTURBED BY CONSTRUCTION OPERATIONS.

- LEGEND**
- UTILITY REMOVALS
 - MASS TREE REMOVALS
 - TREE REMOVALS
 - SAWCUT
 - PROPERTY LINE

**NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA**
ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE
TYPED OR PRINTED NAME
DATE
LICENSE NUMBER

REVISIONS

NO.	DESCRIPTION

DRAWN BY

CHECKED BY

JRP

ISSUED FOR

AGENCY REVIEW

ISSUE DATE

12/08/2017

SHEET NAME

SITE REMOVALS PLAN

ATS&R PROJECT NO.

17113

SHEET NUMBER

- NOTES:**
- REFER TO SHEET C1.41, GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
 - CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.
 - SIGNAGE SHALL GENERALLY BE INSTALLED 18" BEHIND THE BACK OF CURB.
 - ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD WHICH ARE NOT DESIGNATED TO BE PAVED SHALL RECEIVE AT LEAST 4" OF TOPSOIL - REFER TO DETAIL 16L.1.13 - AND SHALL BE SODDED OR SEEDED.
 - WHERE NEW SOD MEETS EXISTING TURF, EXISTING TURF EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
 - FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SOD OR RE-SEED ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.

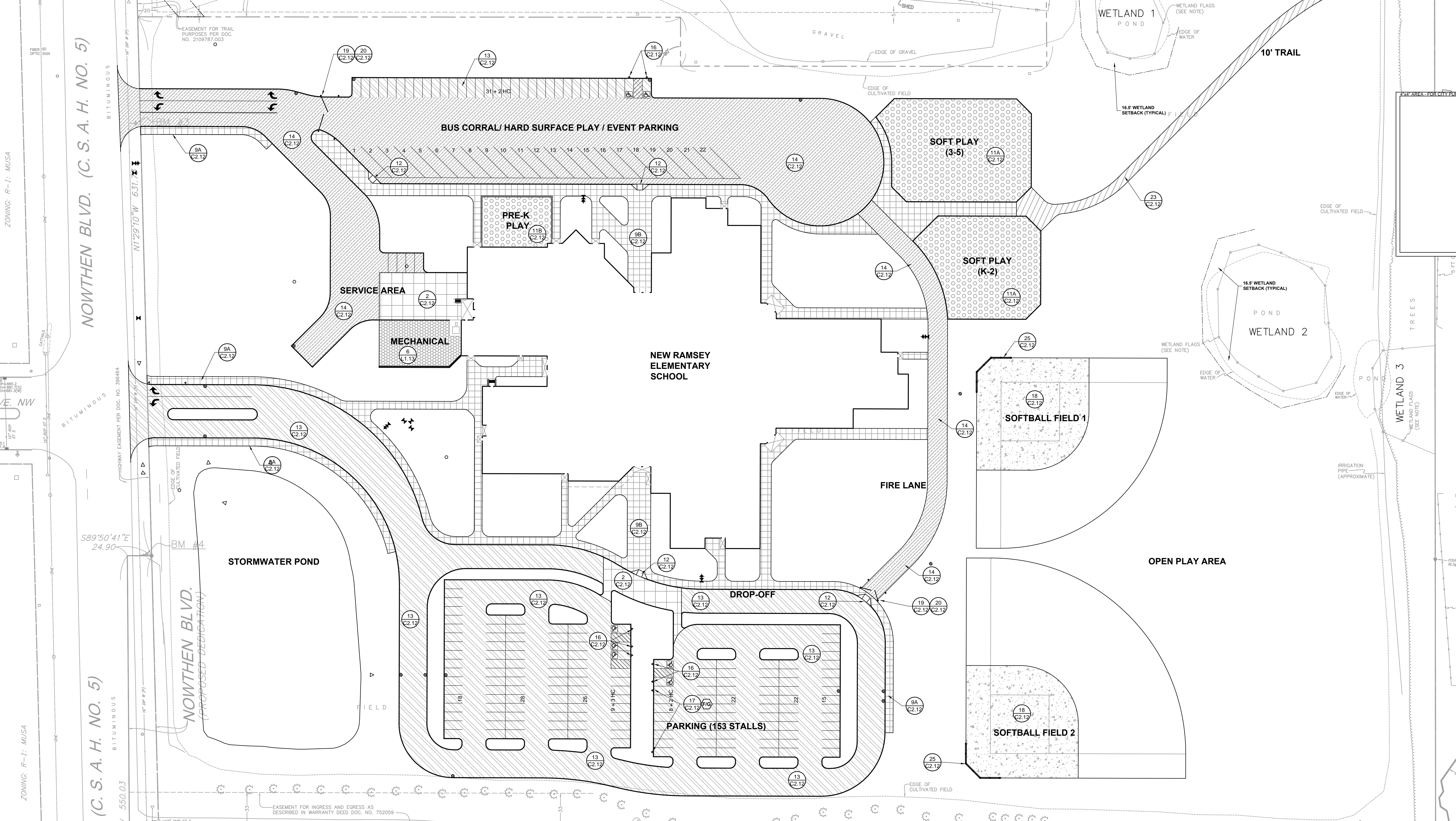
SITE STATISTICS:
 THE PROPERTY IS CURRENTLY ZONED R-1; MUSA; WILL BE REZONED TO R-1 'QUASI PUBLIC'

PARKING REQUIREMENT:
 ONE (1) SPACE FOR EACH FULL-TIME EMPLOYEE: 140 SPACES REQ'D
 149 SPACES PROVIDED (9'x20')

PROPOSED PARKING COUNTS:
 STAFF, VISITOR, PUBLIC/VOLUNTEER PARKING = 153 STALLS
 BUS PARKING = 22 BUS STALLS, 33 STAFF/ EVENT ONLY CAR STALLS

ACCESSIBLE PARKING STALL REQUIREMENTS = 6 STALLS
ACCESSIBLE PARKING STALLS PROVIDED = 7 STALLS

REFER TO LANDSCAPE PLAN (L1.11) FOR TREE INVENTORY AND RELATED CALCULATIONS



LEGEND

	REFERENCE KEY TO SITE DETAILS DETAIL ID NUMBER (TOP) DETAIL SHEET NUMBER (BOTTOM)		PAINTED ACCESSIBLE SYMBOL
	PROPOSED CONCRETE SLAB		PROPOSED MANHOLE (MH)
	PROPOSED LIGHT DUTY BITUMINOUS PAVEMENT		PROPOSED CATCH BASIN (CB)
	PROPOSED MEDIUM DUTY BITUMINOUS PAVEMENT		PROPOSED FLARED END SECTION (FES)
	PROPOSED HEAVY DUTY PAVEMENT		PROPOSED HYDRANT (HYD)
	PROPOSED SOFT PLAY AREA		PROPOSED GATE VALVE (GV)
	PROPOSED LANDSCAPE ROCK BED		PROPOSED FLAGPOLE
	PROPOSED TRAFFIC CONTROL SIGN		PROPOSED BUILDING STOOP - REFER TO ARCHITECTURAL PLANS
	SIGNAGE KEY NOTE		PROPERTY LINE

ATS&R
 ARMSTRONG TORSETH SKOLD & RYDEN INC.
 ARCHITECTURE PLANNING INTERIOR DESIGN
 ENGINEERING LANDSCAPE ARCHITECTURE
 8501 GOLDEN VALLEY ROAD
 SUITE 300
 MINNEAPOLIS, MN 55427
 TEL: 612.545.3731
 FAX: 612.525.3289
 WEB: www.atsr.com

CONSULTANTS
 ANDERSON-JANSSON ASSOCIATES, INC.
 LANDSCAPE ARCHITECTURE

NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA
 ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE _____
 TYPED OR PRINTED NAME _____
 DATE _____
 LICENSE NUMBER _____

REVISIONS

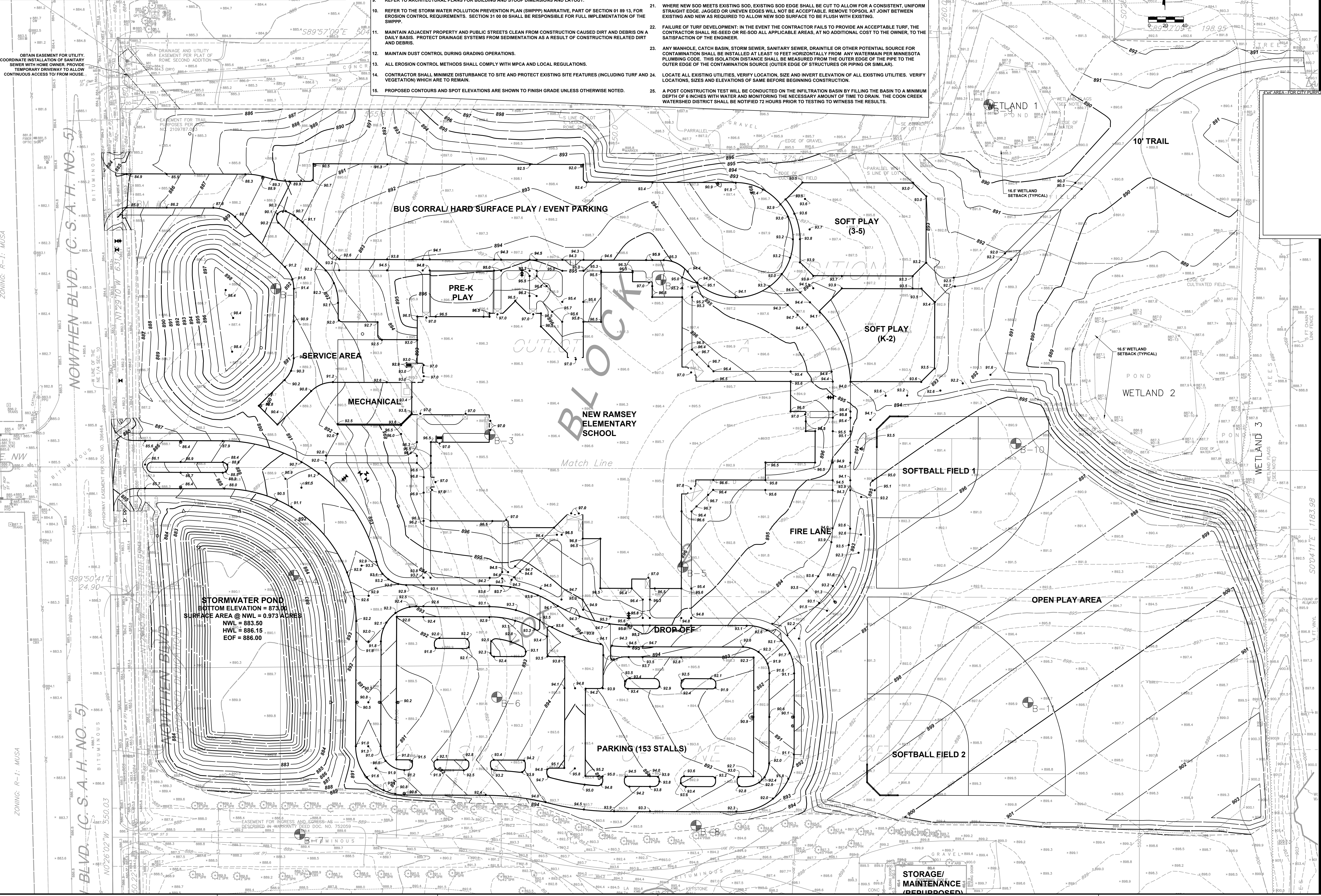
DRAWN BY _____
 CHECKED BY _____
 JRP
 ISSUED FOR _____
 AGENCY REVIEW _____
 ISSUE DATE _____
 12/08/2017
 SHEET NAME _____
 SITE FINISHING PLAN
 ATS&R PROJECT NO. _____
 17119
 SHEET NUMBER

C1.31

LEGEND

	REFERENCE KEY TO SITE DETAILS DETAIL 1/D NUMBER (TOP) DETAIL SHEET NUMBER (BOTTOM)		PROPOSED MANHOLE (MH)
	EXISTING CONTOUR		PROPOSED CATCH BASIN (CB)
	EXISTING SPOT ELEVATION		PROPOSED FLARED END SECTION (FES)
	PROPOSED CONTOUR		PROPOSED HYDRANT (HYD)
	PROPOSED SPOT ELEVATION ME = MATCH EXISTING EOF = EMERGENCY OVERFLOW		PROPOSED GATE VALVE (GV)
	DASHED GRADING LIMITS		PROPOSED POST INDICATOR VALVE (PIV)
	APPROXIMATE SOIL BORING LOCATION		PROPOSED BUILDING STOOP - REFER TO ARCHITECTURAL PLANS
			PROPERTY LINE

- GENERAL NOTES**
- ALL CONSTRUCTION MUST COMPLY WITH APPLICABLE STATE AND LOCAL ORDINANCES.
 - THE CONTRACTOR WILL BE RESPONSIBLE FOR AND SHALL PAY FOR ALL CONSTRUCTION STAKING / LAYOUT.
 - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL RELATED CONSTRUCTION PERMITS, INCLUDING THE NPDES PERMIT FROM THE MPCA. SUBMIT A COPY OF ALL PERMITS TO THE CITY.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL SIGNAGE (CONSTRUCTION ZONES) NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS. ALL SIGNAGE LAYOUTS MUST BE DESIGNED BY THE CONTRACTOR AND APPROVED BY LOCAL AUTHORITIES.
 - INSTALL CONTROL FENCING AND BARRICADING AS NECESSARY TO PROTECT THE PUBLIC.
 - INSPECT SITE AND REVIEW SOIL BORINGS TO DETERMINE EXTENT OF WORK AND NATURE OF MATERIALS TO BE HANDLED.
 - REFER TO SPECIFICATIONS FOR DEWATERING REQUIREMENTS.
 - CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.
 - REFER TO ARCHITECTURAL PLANS FOR BUILDING AND STOOP DIMENSIONS AND LAYOUT.
 - REFER TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE, PART OF SECTION 01 89 13, FOR EROSION CONTROL REQUIREMENTS. SECTION 31 00 00 SHALL BE RESPONSIBLE FOR FULL IMPLEMENTATION OF THE SWPPP.
 - MAINTAIN ADJACENT PROPERTY AND PUBLIC STREETS CLEAN FROM CONSTRUCTION CAUSED DIRT AND DEBRIS ON A DAILY BASIS. PROTECT DRAINAGE SYSTEMS FROM SEDIMENTATION AS A RESULT OF CONSTRUCTION RELATED DIRT AND DEBRIS.
 - MAINTAIN DUST CONTROL DURING GRADING OPERATIONS.
 - ALL EROSION CONTROL METHODS SHALL COMPLY WITH MPCA AND LOCAL REGULATIONS.
 - CONTRACTOR SHALL MINIMIZE DISTURBANCE TO SITE AND PROTECT EXISTING SITE FEATURES (INCLUDING TURF AND VEGETATION) WHICH ARE TO REMAIN.
 - PROPOSED CONTOURS AND SPOT ELEVATIONS ARE SHOWN TO FINISH GRADE UNLESS OTHERWISE NOTED.
 - PROPOSED ELEVATIONS SHOWN TYPICALLY AS 84.1 OR 84 SHALL BE UNDERSTOOD TO MEAN 84.1 OR 84.
 - SPOT ELEVATIONS SHOWN IN PARKING LOTS, DRIVES AND ROADS INDICATE GUTTER GRADES, UNLESS NOTED OTHERWISE. SPOT ELEVATIONS WITH LABELS OUTSIDE THE BUILDING PERIMETER INDICATE PROPOSED FINISH FLOOR ELEVATIONS.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES OF CUT, FILL AND WASTE MATERIALS TO BE HANDLED, AND FOR AMOUNT OF GRADING TO BE DONE IN ORDER TO COMPLETELY PERFORM ALL WORK INDICATED ON THE DRAWINGS. IMPORT SUITABLE MATERIAL AND EXPORT UNSUITABLE / EXCESS WASTE MATERIAL AS REQUIRED. ALL COSTS ASSOCIATED WITH IMPORTING AND EXPORTING MATERIALS SHALL BE INCIDENTAL TO THE CONTRACT.
 - NO FINISHED SLOPES SHALL EXCEED 3.5% HORIZONTAL TO 1' VERTICAL (3.5:1), UNLESS OTHERWISE NOTED.
 - ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD WHICH ARE NOT DESIGNATED TO BE PAVED OR RECEIVE AGLIME, SHALL RECEIVE AT LEAST 4" OF TOPSOIL - REFER TO DETAIL 16L1.13 - AND SHALL BE SEEDED OR SODDED. REFER TO SHEET L1.11 - LANDSCAPING PLAN, FOR SOD AND SEED LOCATIONS. ALL OTHER AREAS DISTURBED BY CONSTRUCTION NOT SPECIFICALLY IDENTIFIED TO RECEIVE A CERTAIN SEED MIX SHALL BE SEEDED WITH SEED MIX #1.
 - WHERE NEW SOD MEETS EXISTING SOD, EXISTING SOD EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
 - FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SEED OR RE-SOD ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.
 - ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAINILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATERMAIN PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
 - LOCATE ALL EXISTING UTILITIES, VERIFY LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES. VERIFY LOCATIONS, SIZES AND ELEVATIONS OF SAME BEFORE BEGINNING CONSTRUCTION.
 - A POST CONSTRUCTION TEST WILL BE CONDUCTED ON THE INFILTRATION BASIN BY FILLING THE BASIN TO A MINIMUM DEPTH OF 6 INCHES WITH WATER AND MONITORING THE NECESSARY AMOUNT OF TIME TO DRAIN. THE COON CREEK WATERSHED DISTRICT SHALL BE NOTIFIED 72 HOURS PRIOR TO TESTING TO WITNESS THE RESULTS.



ATS&R
 ARMSTRONG TORSETH SIKD & RYDEN INC.
 ARCHITECTURE ENGINEERING
 PLANNING TECHNOLOGY
 INTERIOR DESIGN LANDSCAPE ARCHITECTURE
 8501 GOLDEN VALLEY ROAD
 SUITE 300
 MINNEAPOLIS, MN 55427
 TEL: 612.545.3731
 FAX: 612.525.3289
 WEB: www.atsr.com

ARMSTRONG TORSETH SIKD & RYDEN INC.
CONSULTANTS
 ANDERSON-JANSON ASSOCIATES, INC.
 LANDSCAPE ARCHITECTURE & SITE PLANNING
 10000 UNIVERSITY AVENUE, SUITE 100
 UPTOWN, MINNEAPOLIS, MN 55425
 TEL: 612.338.8888
 FAX: 612.338.8889
 WWW.AJASOCIATES.COM

NEW RAMSEY ELEMENTARY SCHOOL
16961 NORTHEN BLVD NW
RAMSEY, MINNESOTA
 ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE _____
 TYPED OR PRINTED NAME _____
 DATE _____
 LICENSE NUMBER _____

REVISIONS

NO.	DESCRIPTION

DRAWN BY _____
 CHECKED BY _____
 JRP
 ISSUED FOR _____
 AGENCY REVIEW _____
 REVIEW _____
 ISSUE DATE 12/08/2017
 SHEET NAME GRADING AND DRAINAGE PLAN
 ATS&R PROJECT NO. IT119
 SHEET NUMBER

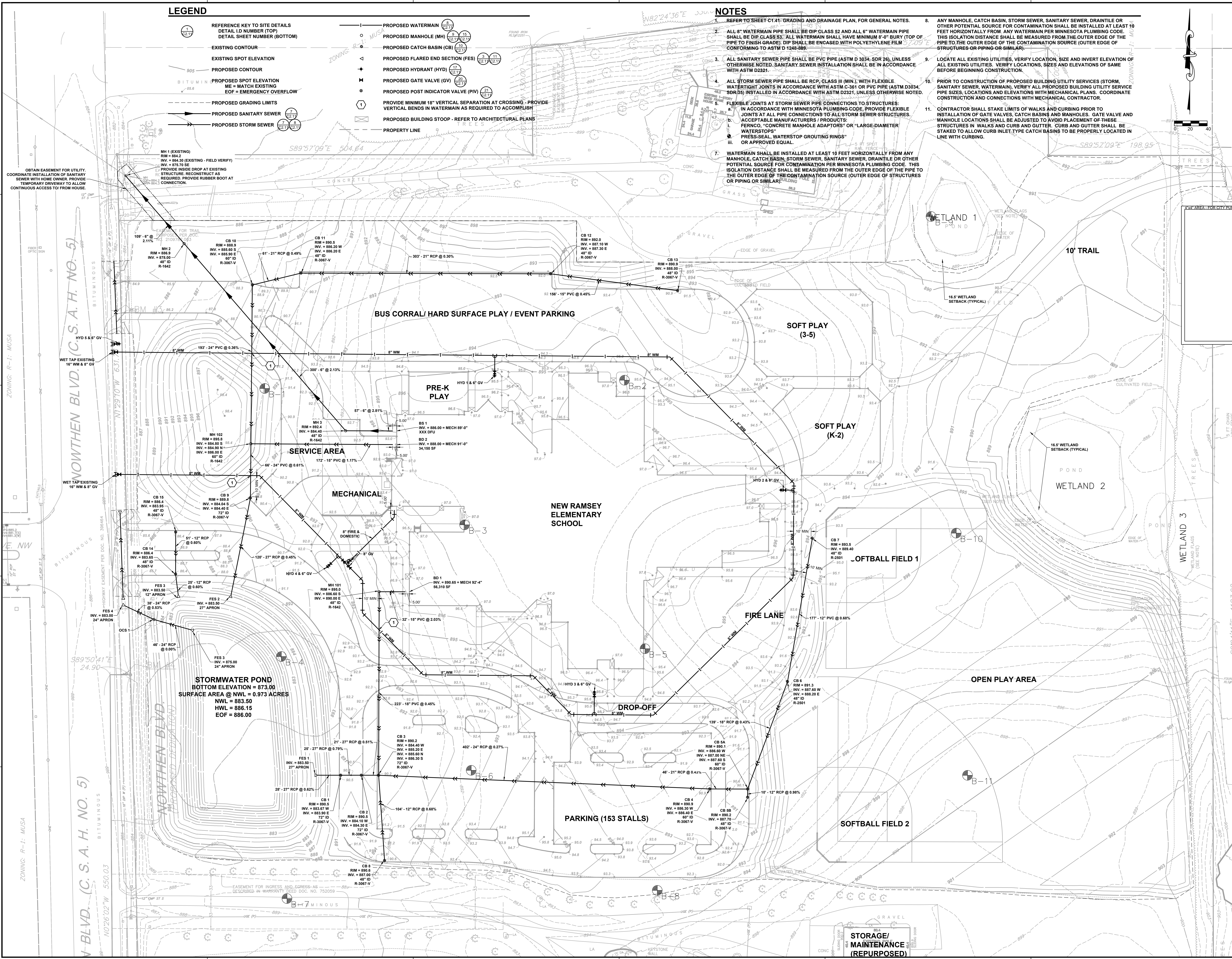
C1.41

LEGEND

- 1 REFERENCE KEY TO SITE DETAILS
DETAIL ID NUMBER (TOP)
DETAIL SHEET NUMBER (BOTTOM)
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- BITUMINUS
- PROPOSED SPOT ELEVATION
ME = MATCH EXISTING
EOF = EMERGENCY OVERFLOW
- PROPOSED GRADING LIMITS
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED WATERMAIN
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLARED END SECTION (FES)
- PROPOSED HYDRANT (HYD)
- PROPOSED GATE VALVE (GV)
- PROPOSED POST INDICATOR VALVE (PIV)
- PROVIDE MINIMUM 18" VERTICAL SEPARATION AT CROSSING - PROVIDE VERTICAL BENDS IN WATERMAIN AS REQUIRED TO ACCOMPLISH
- PROPOSED BUILDING STOOP - REFER TO ARCHITECTURAL PLANS
- PROPERTY LINE

NOTES

1. REFER TO SHEET C1-1: GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. ALL 8" WATERMAIN PIPE SHALL BE DIP CLASS 52 AND ALL 4" WATERMAIN PIPE SHALL BE DIP CLASS 33. ALL WATERMAIN SHALL HAVE MINIMUM 6" OF BURY (TOP OF PIPE TO FINISH GRADE). DIP SHALL BE ENCASED WITH POLYETHYLENE FILM CONFORMING TO ASTM D 1248-88B.
3. ALL SANITARY SEWER PIPE SHALL BE PVC PIPE (ASTM D 3034, SDR 26), UNLESS OTHERWISE NOTED. SANITARY SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM D2321.
4. ALL STORM SEWER PIPE SHALL BE RCP, CLASS III (MIN.), WITH FLEXIBLE WATERTIGHT JOINTS IN ACCORDANCE WITH ASTM C-361 OR PVC PIPE (ASTM D3034, SDR35) INSTALLED IN ACCORDANCE WITH ASTM D2321, UNLESS OTHERWISE NOTED.
5. FLEXIBLE JOINTS AT STORM SEWER PIPE CONNECTIONS TO STRUCTURES:
 - a. IN ACCORDANCE WITH MINNESOTA PLUMBING CODE, PROVIDE FLEXIBLE JOINTS AT ALL PIPE CONNECTIONS TO ALL STORM SEWER STRUCTURES.
 - b. ACCEPTABLE MANUFACTURERS / PRODUCTS:
 - i. FERRO, "CONCRETE MANHOLE ADAPTORS" OR "LARGE-DIAMETER WATERSTOPS"
 - ii. PRESS-SEAL, WATERSTOP GROUTING RINGS"
 - iii. OR APPROVED EQUAL.
6. WATERMAIN SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAIN TILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
7. ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAIN TILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATERMAIN PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
8. LOCATE ALL EXISTING UTILITIES, VERIFY LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES. VERIFY LOCATIONS, SIZES AND ELEVATIONS OF SAME BEFORE BEGINNING CONSTRUCTION.
9. PRIOR TO CONSTRUCTION OF PROPOSED BUILDING UTILITY SERVICES (STORM, SANITARY SEWER, WATERMAIN), VERIFY ALL PROPOSED BUILDING UTILITY SERVICE PIPE SIZES, LOCATIONS AND ELEVATIONS WITH MECHANICAL PLANS. COORDINATE CONSTRUCTION AND CONNECTIONS WITH MECHANICAL CONTRACTOR.
10. CONTRACTOR SHALL STAKE LIMITS OF WALKS AND CURBING PRIOR TO INSTALLATION OF GATE VALVES, CATCH BASINS AND MANHOLES. GATE VALVE AND MANHOLE LOCATIONS SHALL BE ADJUSTED TO AVOID PLACEMENT OF THESE STRUCTURES IN WALKS AND CURB AND GUTTER. CURB AND GUTTER SHALL BE STAKED TO ALLOW CURB INLET TYPE CATCH BASINS TO BE PROPERLY LOCATED IN LINE WITH CURBING.



ATS&R
 ARMSTRONG TORSETH SKOLD & RYDEN INC.
 ARCHITECTURE
 PLANNING
 INTERIOR DESIGN
 ENGINEERING
 TECHNOLOGY
 LANDSCAPE ARCHITECTURE
 8501 GOLDEN VALLEY ROAD
 SUITE 300
 MINNEAPOLIS, MN 55427
 TEL: 612.545.3731
 FAX: 612.525.3289
 WEB: www.atsr.com

CONSULTANTS
 ANDERSON-JOHNSON
 ASSOCIATES
 P.C.
 LANDSCAPE ARCHITECTURE
 1000 W. WASHINGTON
 MINNEAPOLIS, MN 55401

NEW RAMSEY ELEMENTARY SCHOOL
 16961 NOWTHEN BLVD NW
 RAMSEY, MINNESOTA
 ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.
 SIGNATURE
 TYPED OR PRINTED NAME
 DATE
 LICENSE NUMBER
REVISIONS
 DRAWN BY
 CHECKED BY
 ISSUED FOR
 AGENCY REVIEW
 REVIEW
 ISSUE DATE
 12/08/2011
 SHEET NAME
 SITE UTILITY PLAN
 AT&S&R PROJECT NO.
 17119
 SHEET NUMBER

C1.51

APPROXIMATE EROSION CONTROL DEVICE QUANTITIES

SILT FENCE = 5,280 L.F.
 SEDIMENT CONTROL LOG = 110 L.F.
 ROCK CONSTRUCTION ENTRANCES = 150 C.Y.
 EROSION CONTROL BLANKET = 9,320 S.Y.
 SEDIMENT CONTROL DEVICE AT STORM SEWER INLET = 14

LEGEND

- REFERENCE KEY TO SITE DETAILS
 DETAIL ID NUMBER (TOP)
 DETAIL SHEET NUMBER (BOTTOM)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
 ME = MATCH EXISTING
 EOF = EMERGENCY OVERFLOW
- PROPOSED GRADING LIMITS
- PROPOSED STORM SEWER
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLARED END SECTION (FES)
- PROPOSED SILT FENCE
- PROPOSED SEDIMENT CONTROL LOG
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED EROSION CONTROL BLANKET
- SEDIMENT CONTROL DEVICE AT STORM SEWER INLET

NOTES

1. REFER TO SHEET C1.40, OVERALL GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. REFER TO SWPPP NARRATIVE (SECTION 01 89 13) FOR CONSTRUCTION SEQUENCING AND EROSION CONTROL REQUIREMENTS.
3. MAINTAIN ADJACENT PROPERTY AND PUBLIC STREETS CLEAN FROM CONSTRUCTION CAUSED DIRT AND DEBRIS ON A DAILY BASIS. PROTECT DRAINAGE SYSTEMS FROM SEDIMENTATION AS A RESULT OF CONSTRUCTION RELATED DIRT AND DEBRIS.
4. MAINTAIN DUST CONTROL DURING GRADING OPERATIONS.
5. ALL EROSION CONTROL METHODS SHALL COMPLY WITH MPCA AND OTHER LOCAL REGULATIONS.
6. IF EROSION AND SEDIMENT CONTROL MEASURES TAKEN ARE NOT ADEQUATE AND RESULT IN DOWNSTREAM SEDIMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OUT DOWNSTREAM STORM SEWERS AS NECESSARY, INCLUDING ASSOCIATED RESTORATION.
7. SEDIMENT CONTROL DEVICE AT STORM SEWER INLETS. AT THE INLETS TO ALL STORM SEWER STRUCTURES, PROVIDE A PRODUCT FROM THE FOLLOWING LIST. ACCEPTABLE PRODUCTS:
 - A. WIMCO TOP SLAB™ MODEL RD 27.
 - B. INFRASAFE® SEDIMENT CONTROL BARRIER, DISTRIBUTED BY ROYAL ENVIRONMENTAL SYSTEMS, INC. SCB'S SHALL BE SIZED SPECIFICALLY FOR THE STRUCTURE AND CASTING SPECIFIED. SCB'S SHALL BE EQUIPPED WITH FRAME AND PERFORATED SHROUD AND SHALL BE WRAPPED ON THE OUTSIDE, COVERING THE PERFORATED WALL ONLY, WITH A GEOTEXTILE SOCK.
 - C. DANDY BAG® OR DANDY BAG II® DISTRIBUTED BY BROCK WHITE COMPANY, ST. PAUL, MN (615) 647-0950. DANDY BAG SHALL BE USED ONLY FOR CURB INLETS AFTER PAVEMENT (BINDER COURSE OR WEAR COURSE) IS INSTALLED OR AT EXISTING PAVED AREAS.
 - D. INFRASAFE® DEBRIS COLLECTION DEVICE BY ROYAL ENVIRONMENTAL SYSTEMS, INC., DISTRIBUTED BY ESS BROTHERS, 9350 COUNTY ROAD 19, CORCORAN, MN 55357 DCD'S SHALL BE SIZED SPECIFICALLY FOR THE STRUCTURE AND CASTING SPECIFIED. PROVIDE FILTER BAGS AND TIES FOR COMPLETE INSTALLATION.
 - E. OR APPROVED EQUAL.
8. PERIMETER EROSION CONTROL DEVICES (SILT FENCE, ROCK ENTRANCE, INLET PROTECTION, ETC.) INSTALLED BY THE CONTRACTOR SHALL BE INSPECTED BY THE CITY PRIOR TO ANY LAND DISTURBING ACTIVITIES. CONTRACTOR MUST PROVIDE 24 HOUR NOTICE TO THE CITY FOR INSPECTION.

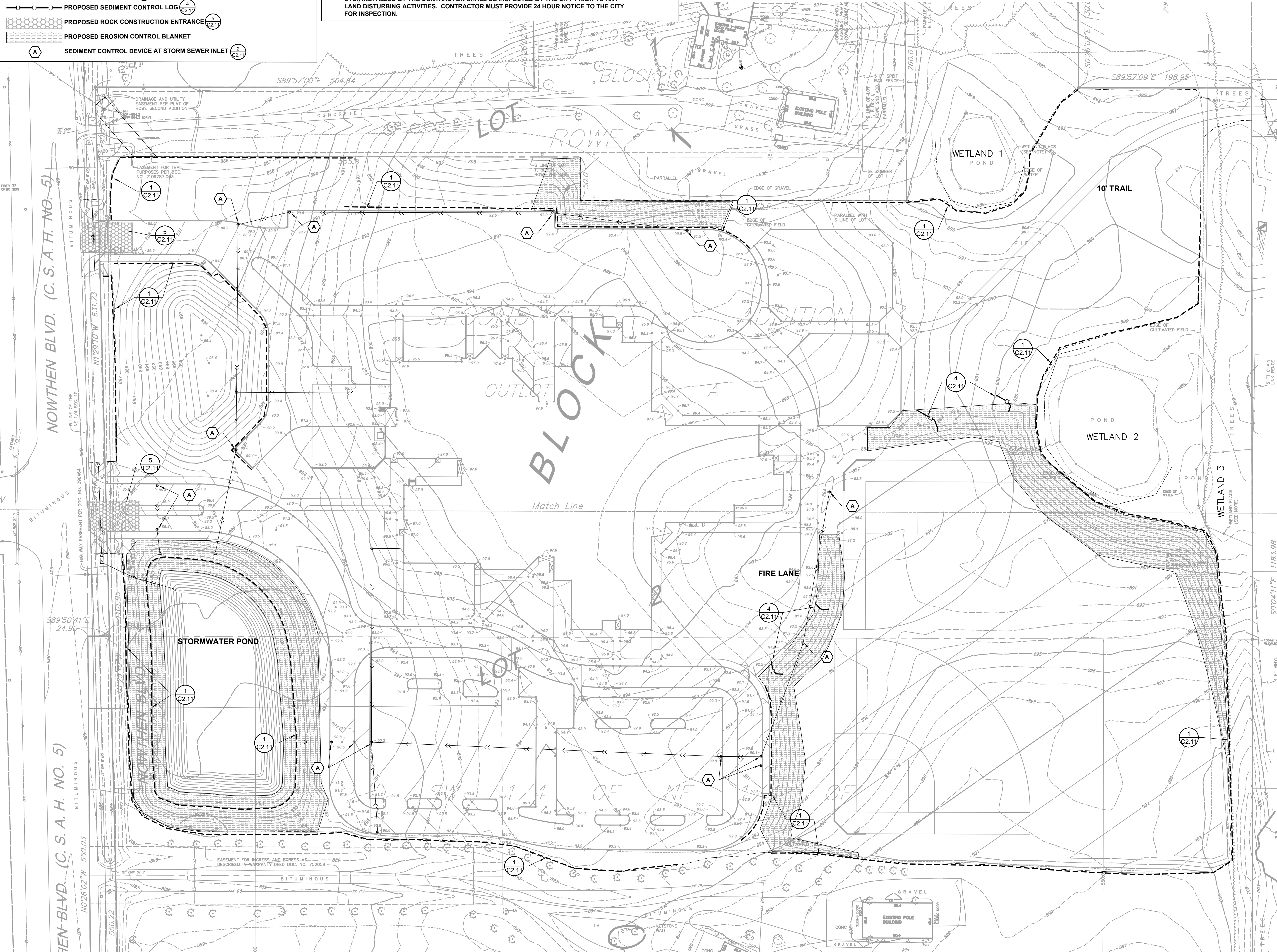
EXCERPT FROM THE SWPPP NARRATIVE

The following is from the Storm Water Pollution Prevention Plan Narrative, Section 01 89 13 of the Project Manual. In accordance with Section 31 00 00, the Contractor shall be responsible for full implementation of and maintenance required by the SWPPP Narrative until the Notice of Termination is approved by the MPCA. Should differences arise between the SWPPP Narrative information described below and the information contained within the SWPPP Narrative, bound into the Project Manual, the SWPPP in the Project Manual shall govern.

- V. General Construction Sequence (in conjunction with the Construction Manager's Construction Schedule)
 - A. Erosion Control Devices, noted herein, include:
 1. Silt fence
 2. Sediment Control Device at storm sewer inlets
 3. Sediment log
 4. Rock construction entrance
 5. Rock check dams
 6. Rip rap
 7. Storm water treatment basins
 8. Temporary sediment basins
 9. Storm sewer systems
 10. Temporary outlet pipes
 11. Flotation Silt Curtain
 12. Floating Head Skimmer
 13. Erosion control blanket
 14. Temporary seeding
 15. Final seeding / sodding
 16. Temporary / permanent vegetation
 17. Other features identified by the Minnesota Pollution Control Agency, City or Engineer as a Best Management Practice (BMP) device.
 - B. Contractor shall apply for NPDES Phase II Permit within 24 hours of award of Contract.
 1. The Contractor shall post the permit in the job site trailer or other suitable temporary storage area.

- C. Review the SWPPP and its sequencing and requirements. The Contractor shall notify the Engineer if site conditions, construction sequencing, or other items are different or require modification from this written SWPPP. The Engineer will review the suggested modifications and amend the SWPPP accordingly.
- D. Following review of the SWPPP plans commence with the following construction sequence:
 1. Install perimeter silt fence where indicated on the Drawings. Silt fence shall be as specified in Section 31 25 00.
 2. Have silt fence and other erosion control devices inspected by local authorities, as required by the local authority.
 3. Construct the rock construction entrance.
 4. Rough grade the stormwater ponds.
 5. All stripped topsoil shall be stockpiled and remain on-site for re-use unless otherwise noted.
 6. Construct permanent outlet control structure for pond, then install temporary outlet devices.
 1. Use the stormwater treatment basin as a temporary sediment basin. The following requirements apply to discharge from the temporary sediment basins:
 - a. Water from this basins shall not be discharged without being free of sediment and suspended materials.
 - b. Construct floating head skimmer devices with flocculent and temporarily attach devices to OCS. Discharge through OCS must go through the floating head skimmer devices until all upstream areas receive final stabilization.
 - c. Provide water treatment per Mn/DOT 3875.
 - d. Monitor pH and turbidity of discharge water every hour until performance is determined. The goal of pH is 7.0. If turbidity exceeds a defined number, a flocculent recirculation system must be installed. Alkaline pH adjustments shall be in the form of CO2 sparging.
 2. After pH and turbidity performance is deemed suitable by the Engineer, take readings from the respective outfall pipes twice per week. Samples shall be collected in a clear plastic bottle. Samples will be considered passing if a persons hand is clearly visible through the bottle. Tests that do not pass require the Contractor to modify erosion control or engage contingency plan. Construct temporary berms or swales to direct water to the rough graded basins.
 7. Provide temporary seeding of the basin.
 8. Strip and stockpile topsoil in the area of the proposed building. Provide temporary

- seed and mulch on stockpile as described herein.
- Begin rough grading for the building pad.
- Establish the concrete truck washout area and post with a sign.
- Begin footing construction.
- Complete the grading of the building pad.
- Begin building construction.
- Strip topsoil from paved areas. Stockpile for reuse. Provide temporary seed and mulch as described herein.
- Begin rough grading the paved areas.
- Rough grade the play fields.
- Place topsoil on play fields and provide temporary seeding and mulch. Install aglime.
- Construct the sanitary sewer system.
- Construct the permanent storm sewer system.
- Construct permanent storm sewer system for the stormwater treatment basin.
- Construct rip-rap at the end of the flared end sections within 24 hours of pipe construction.
- Construct the watermain system.
- Construct Sediment Control Devices at proposed storm sewer inlets (hay bales around castings and silt fence under castings will not be acceptable).
- Spread topsoil and finish grade the outlying areas. Topsoil spreading shall include all areas except around the building until the exterior building work is complete.
- Rough and finish grade the paved areas subgrade to specified tolerances following the procedures identified in Section 31 00 00 Earthwork.
- Once pavement subgrade testing is complete, construct the stabilized aggregate base course. This will serve as temporary stabilization for the parking lot.
- Construct curb and gutter and concrete walks. This will serve as permanent stabilization for the walk areas.
- Construct the curbing work at the soft play area. Install the drainage and surfacing systems and coordinate scheduling of this work with the Owner's installation of the playground equipment.
- Protect the soft play area by installing erosion control devices on the upstream side of the area. Do not allow site soils/sedimentation within the soft play area.
- Construct the first lift of pavement in the parking lot and bus corral/procedure area. This will serve as permanent stabilization.
- Rough and finish grade bituminous path subgrade following the procedures identified in Section 31 00 00 Earthwork.
- Once pavement subgrade testing is complete, construct the stabilized aggregate base course. This will serve as temporary stabilization for the paths.
- Construct the pavement for the bituminous paths. This will serve as permanent stabilization for the paths.
- Prepare play fields and outlying areas for permanent seeding (permanent stabilization) in accordance with the specified seeding dates.
- Complete exterior building work.
- Spread topsoil around the building area.
- All disturbed areas outside the building pad which are not designated to be paved shall receive at least 4" of topsoil (refer to Detail 16L1.13) and shall be sodded, seeded or planted.
- Prior to final sodding, seeding and planting, all placed topsoil material shall be reviewed by the Engineer/ Landscape Architect. Refer to specifications for placement, grading, tilling, compaction, and protection requirements.
- Finish grade topsoil and prepare these areas for sod.
- Sod the areas around the building. Use a temporary irrigation system to keep sod adequately watered.
- Remove temporary outlet devices.
- Provide final lift of pavement and pavement markings.
- Provide final stabilization and cleanup of the site.



- E. Provide maintenance to erosion control devices and BMP's to comply with the requirements of the permit.
- F. Re-install all sediment control practices that have been adjusted or removed to accommodate short-term activities, such as passage of construction vehicles or equipment, immediately after the short-term activity has been completed. All sediment control practices shall be re-installed before the next precipitation event if the short term activity is not complete.
- G. Inspect erosion control devices and provide routine maintenance as follows:
 1. Inspect erosion control a minimum of once per week and after each rain event measuring 0.5" or more. Record inspection on log posted in Contractor's construction trailer or other suitable temporary storage area.
 - Records of each inspection and maintenance activity shall include:
 - (1) Date and time of inspections
 - (2) Name of person conducting inspection
 - (3) Findings of inspections, including recommendations for corrective actions
 - (4) Corrective actions taken (including dates, times, and party completing maintenance activities)
 - (5) Date and amount of all rainfall events greater than one quarter inch (0.25 inch) in 24 hours
 - (6) Documentation of changes made to the SWPPP as required by the NPDES General Stormwater Permit for Construction Activity (MN R100001)
 - Inspections are not required where the ground is frozen. The required inspections and maintenance schedule must begin within 24 hours after runoff occurs at the site or 24 hours prior to resuming construction, whichever comes first.
 2. Provide maintenance for all devices as follows:
 - a. Silt fences, sediment logs, and erosion control devices at storm sewer inlets shall be inspected for depth of sediment, tears, or soil if fabric is securely attached to support posts or structure, and to see that posts and devices are securely in place.
 - b. Silt fences, sediment logs and erosion control devices at storm sewer inlets, and other erosion control devices shall be cleaned when sediment reaches 1/3 the height of the erosion control devices, within 24 hours.
 - c. Rock construction entrances shall be inspected for clogging of river rock. River rock that has become clogged with sediment shall be removed and replaced with fresh river rock.
 - d. Repairs or replacements to all erosion control devices shall occur within 24 hours of discovery.
 - e. Temporary diversion berms shall be inspected and any breaches promptly repaired.
 - f. Tracked sediment from construction vehicles on to public streets and paved areas (including paved areas on the construction site) shall be removed within 24 hours of discovery.
 - g. Removal of sediment and stabilization of Surface Waters shall be accomplished within 7 days of discovery (note: surface waters include curb and gutter, pavements, storm sewer, swales, or other similar storm water conveyance devices).
 - h. Inlet protection may be removed if a local unit of government directs the permittee to do so because of a specific safety concern.
- H. Provide dewatering of excavations as identified in Section 31 00 00.
- I. Temporary Soil Stockpiles:
 1. Temporary soil stockpiles shall not be placed in surface waters of the state, including surface conveyances such as curb and gutter, swales, or ditches.
 2. Install silt fence at the base of the temporary soil stockpile (full perimeter).
 3. Temporary soil stockpiles shall be seeded with temporary seed mix and hydromulch when stockpiles are left inactive for seven (7) days. Note, this does not apply to aggregate stockpiles or other stockpiles without significant silt, clay or organic components (clean aggregate stockpiles, clean rock, clean sand and similar clean aggregates).
- J. Stabilize denuded areas within the following number of days of last construction activity (temporary or permanent) in that area:
 1. Within 7 days, except:
 - a. Temporary soil stockpiles shall be treated with appropriate erosion control measure, including silt fence and temporary seeding when stockpiles are left inactive for periods longer than 7 days. Note, this does not apply to aggregate stockpiles or other stockpiles without significant silt, clay or organic components (clean aggregate stockpiles, clean rock, clean sand and similar clean aggregates).
- K. Provide maintenance of all seeded / sodded areas until fully established.
- L. Provide cleaning of storm sewer system at the completion of the project. Cleaning shall include removal of accumulated sediment from all surface waters as defined by the permit (for example, curb and gutter, pavements, swales, and storm sewer piping and structures).
- M. Remove silt fence and erosion control devices at storm sewer inlets following full establishment of site vegetation. Dispose materials properly off-site.
- N. Apply for Notice of Termination (NOT) with MPCA. NOT must be submitted within 30 days after:
 1. Site has undergone Final Stabilization (at least 80% vegetative cover), and
 2. Removal of all temporary erosion control measures (silt fence, etc.), and
 3. Final cleanup and maintenance of all permanent storm water facilities, and
 4. Completion of all maintenance activities and site cleanup.

ATS&R
 ARMSTRONG TORSETH SKOLD & RYDEN INC.
 ARCHITECTURE ENGINEERING
 PLANNING INTERIOR DESIGN TECHNOLOGY
 LANDSCAPE ARCHITECTURE
 8501 GOLDEN VALLEY ROAD
 SUITE 300
 MINNEAPOLIS, MN 55427
 TEL: 612.546.3731
 FAX: 612.528.3289
 WEB: www.atsr.com

CONSULTANTS

ANDERSON-JOHNSON ASSOCIATES
 LANDSCAPE ARCHITECTURE

AREA FOR CITY PURPOSES

NEW RAMSEY ELEMENTARY SCHOOL
 16961 NOWTHEN BLVD NW
 RAMSEY, MINNESOTA
 ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.
 SIGNATURE
 TYPED OR PRINTED NAME
 DATE
 LICENSE NUMBER

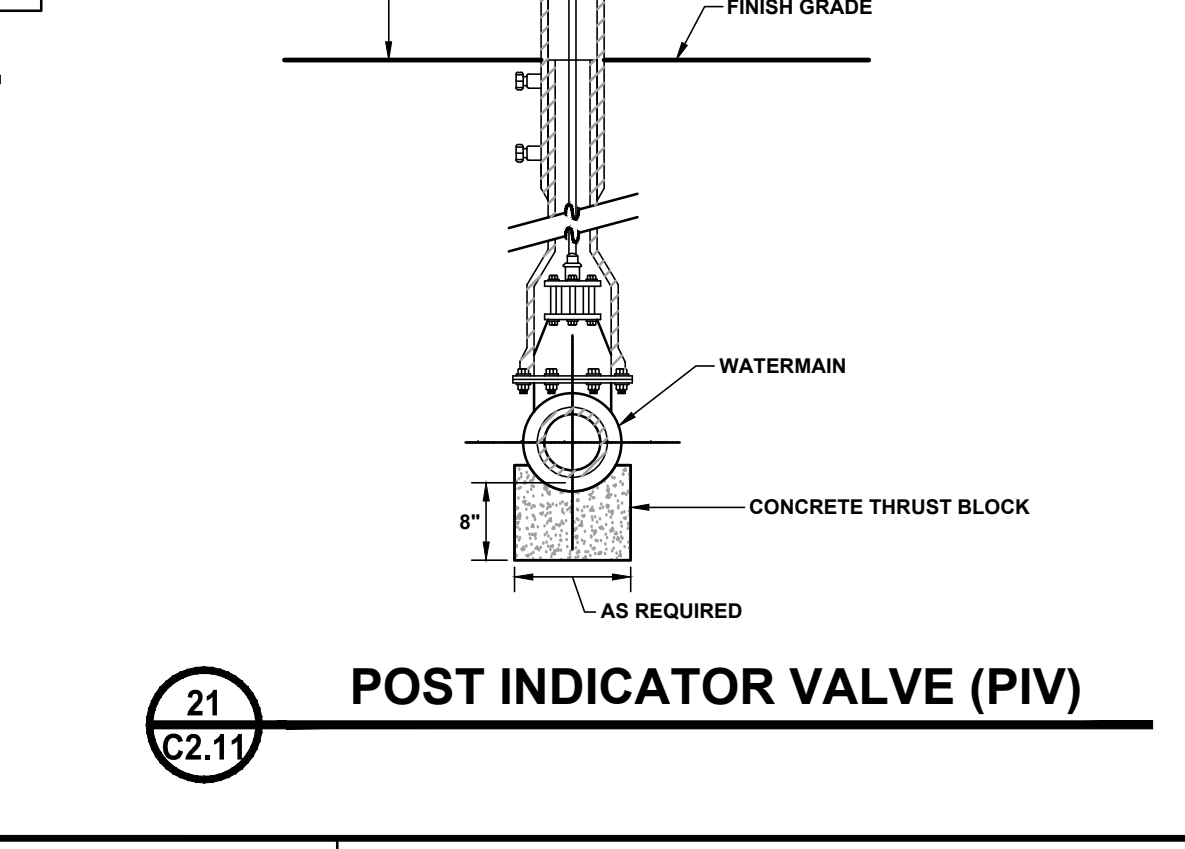
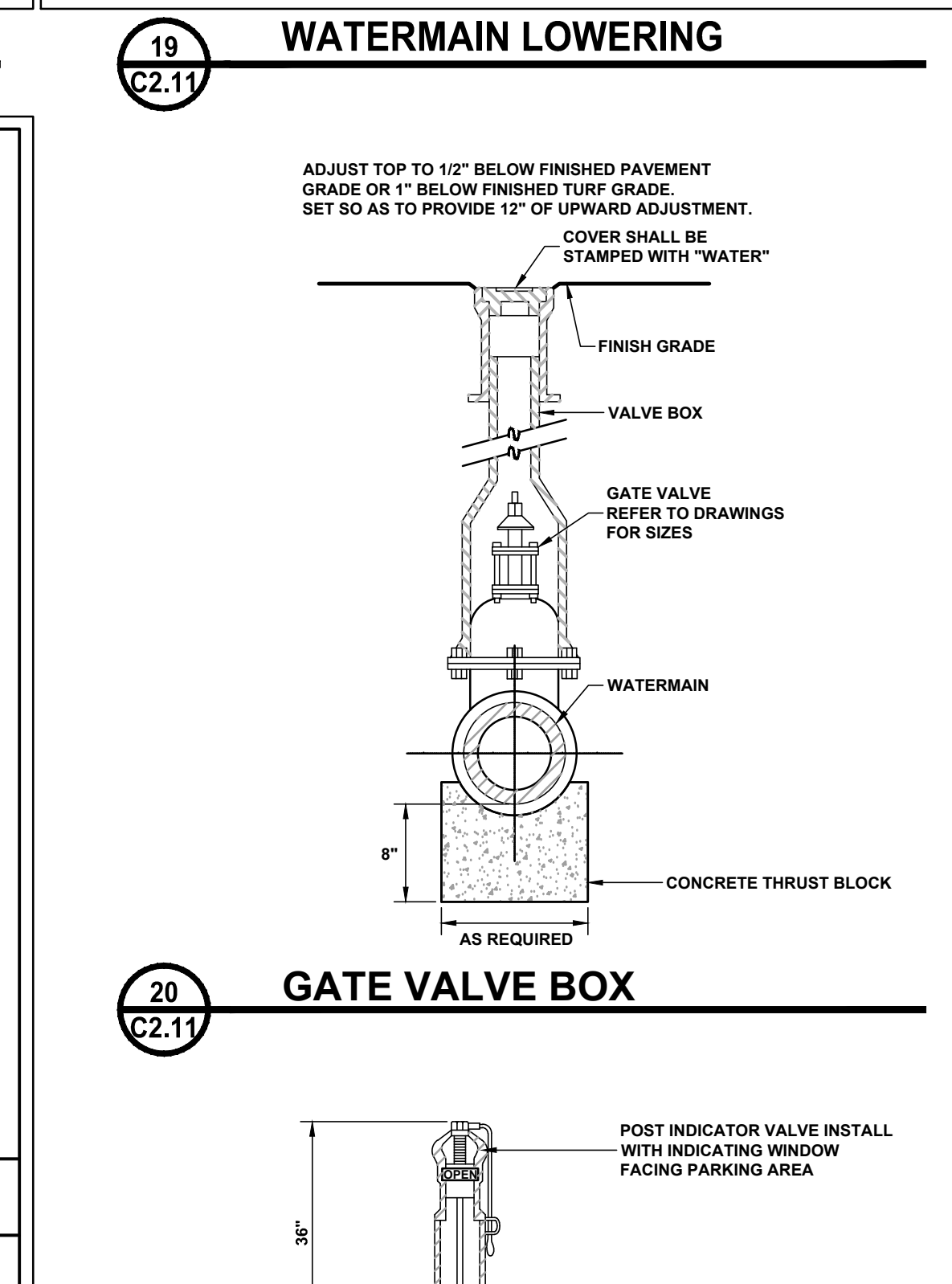
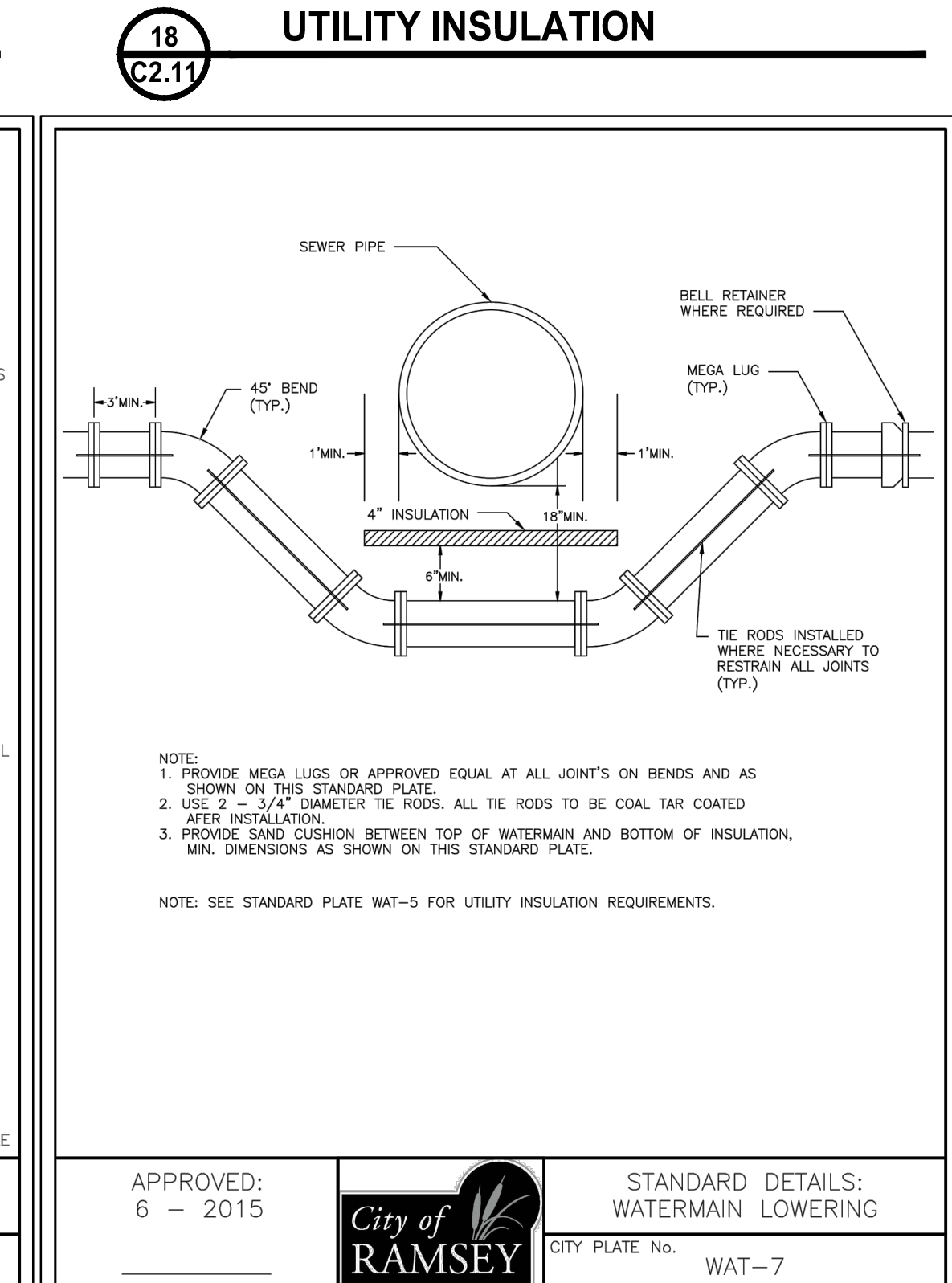
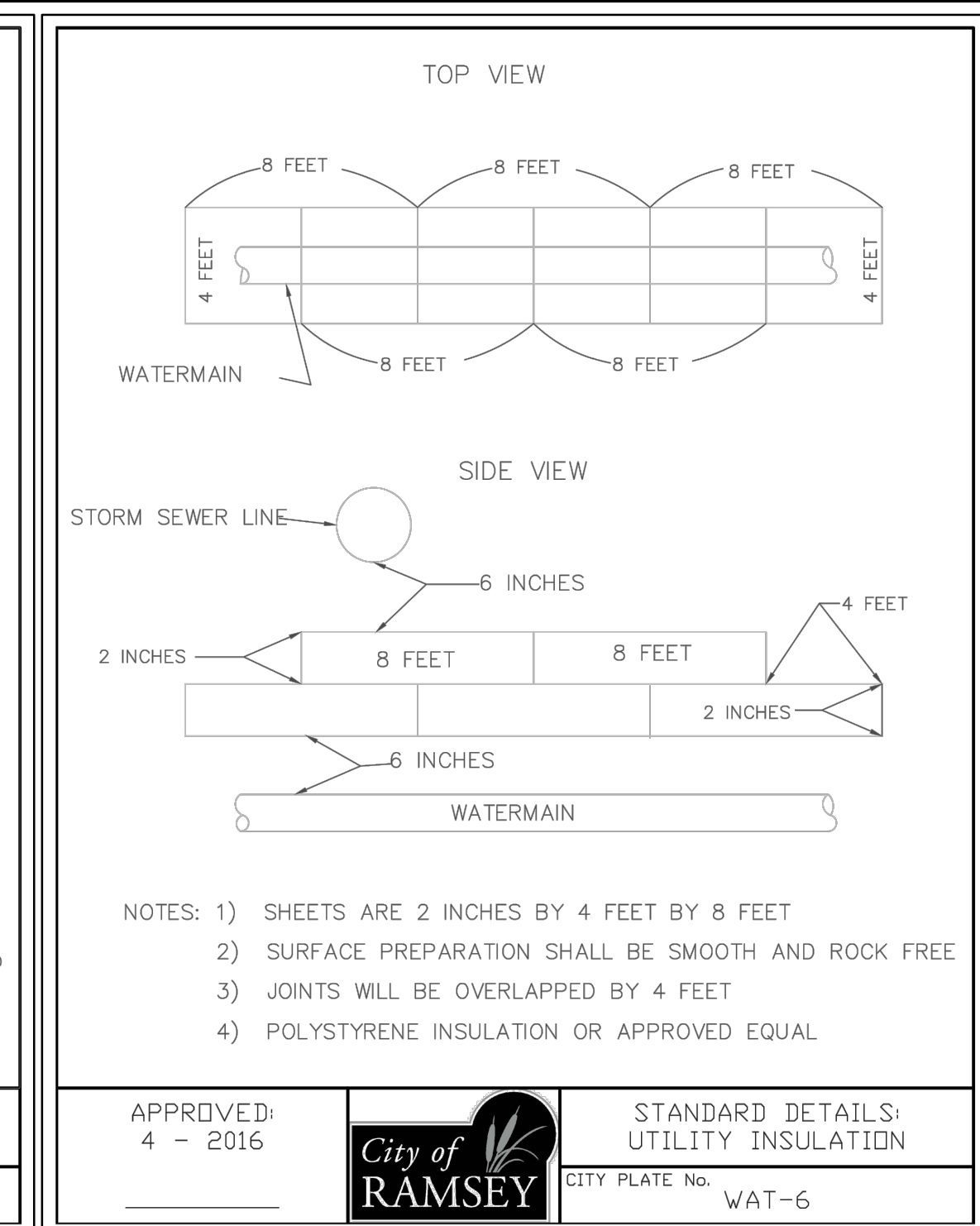
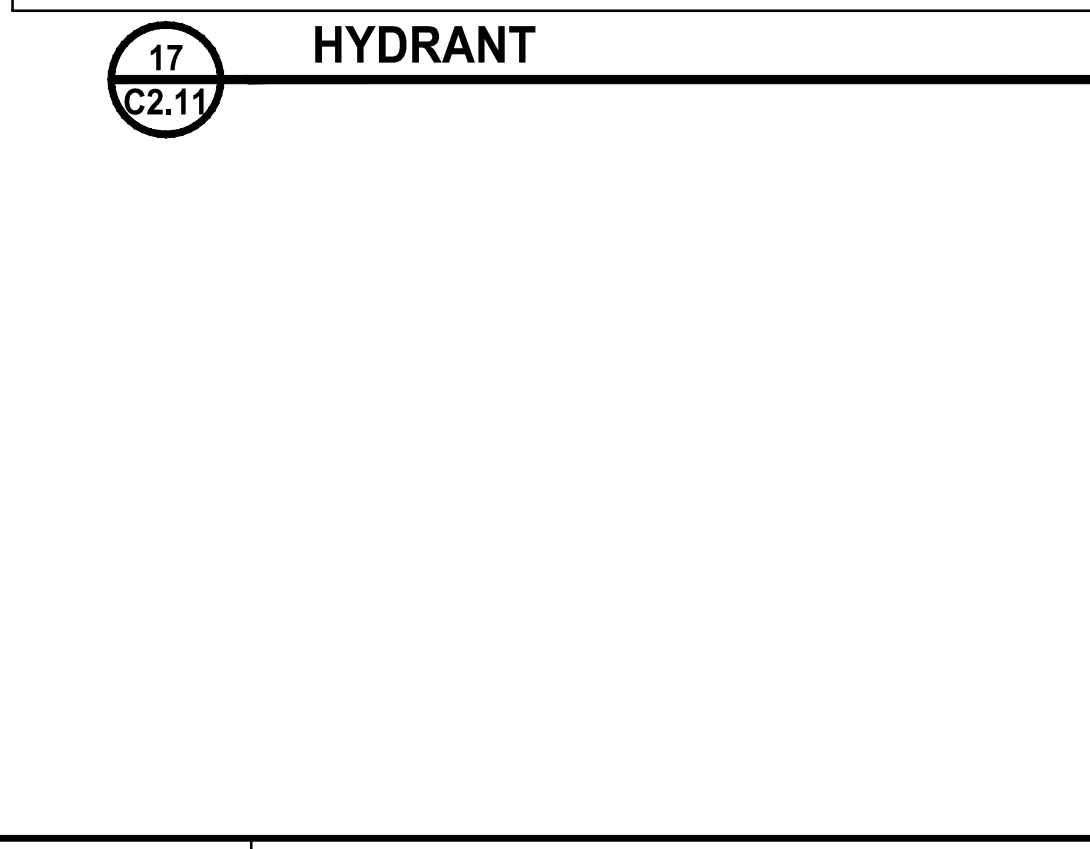
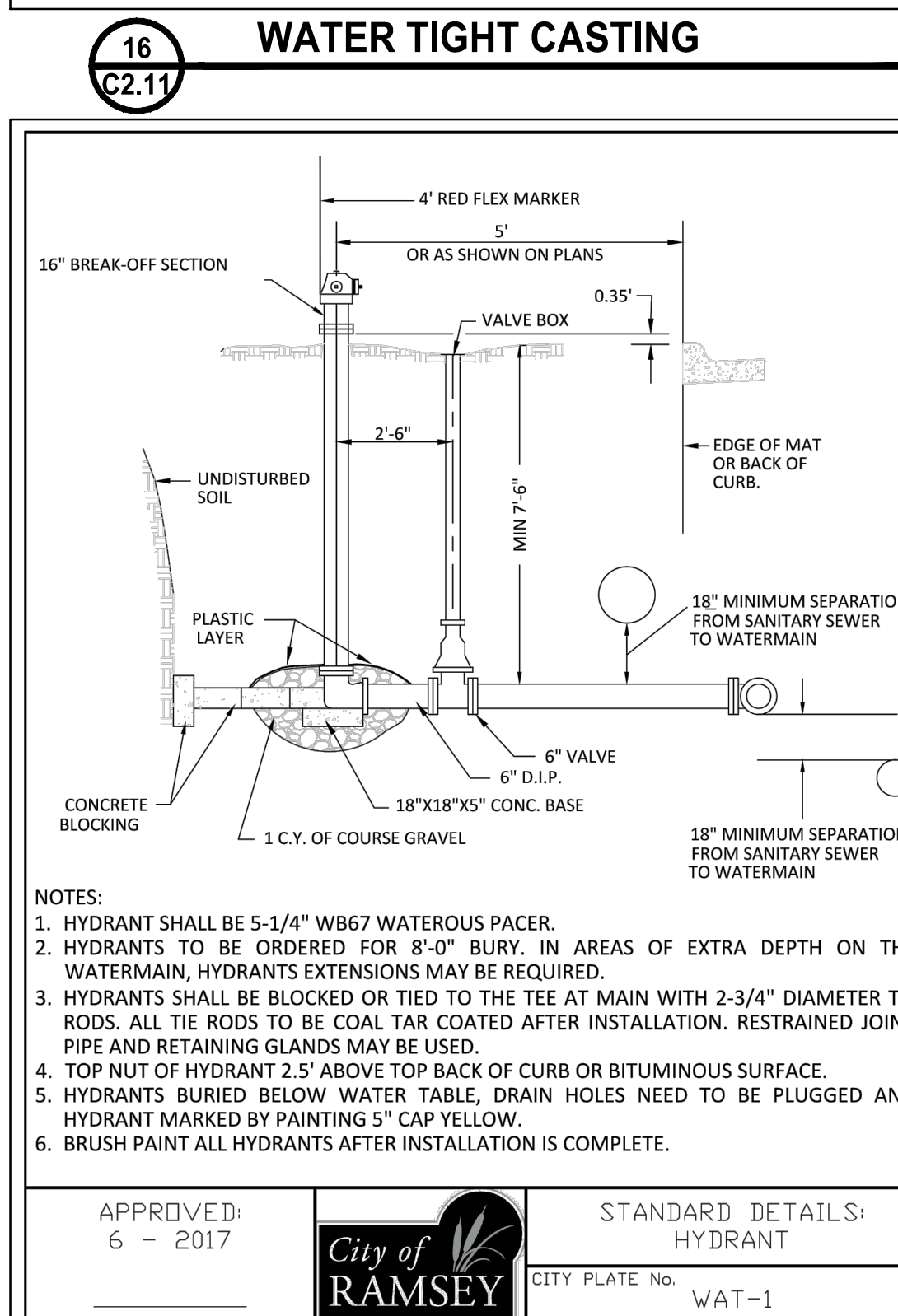
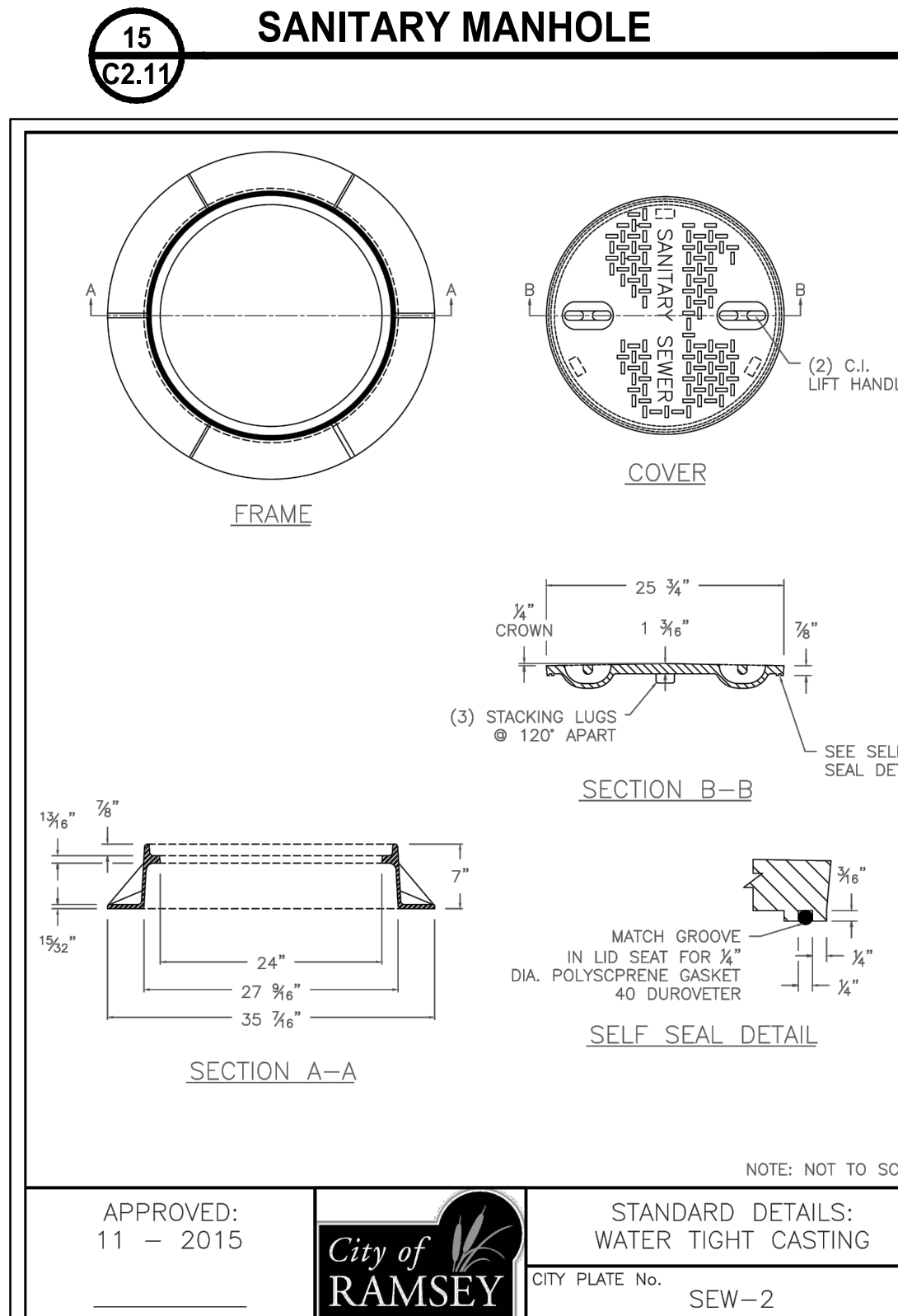
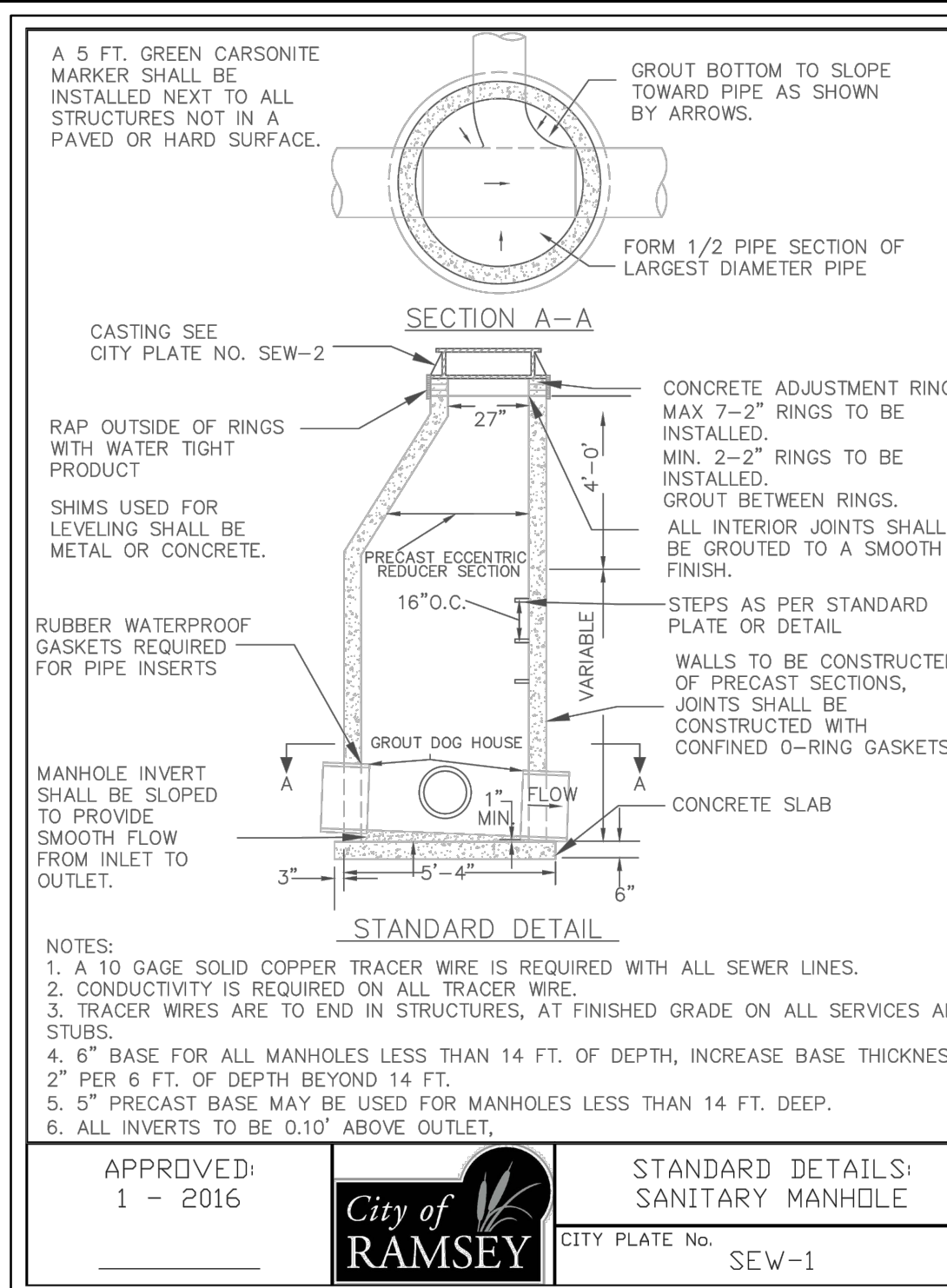
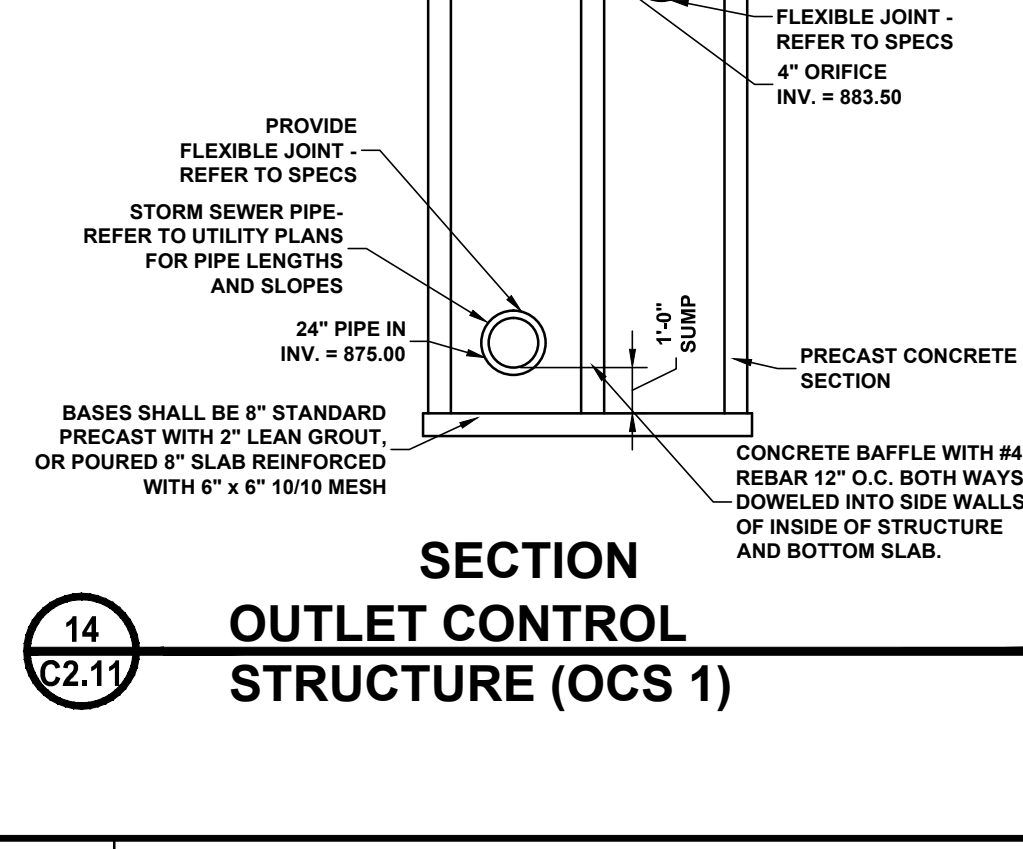
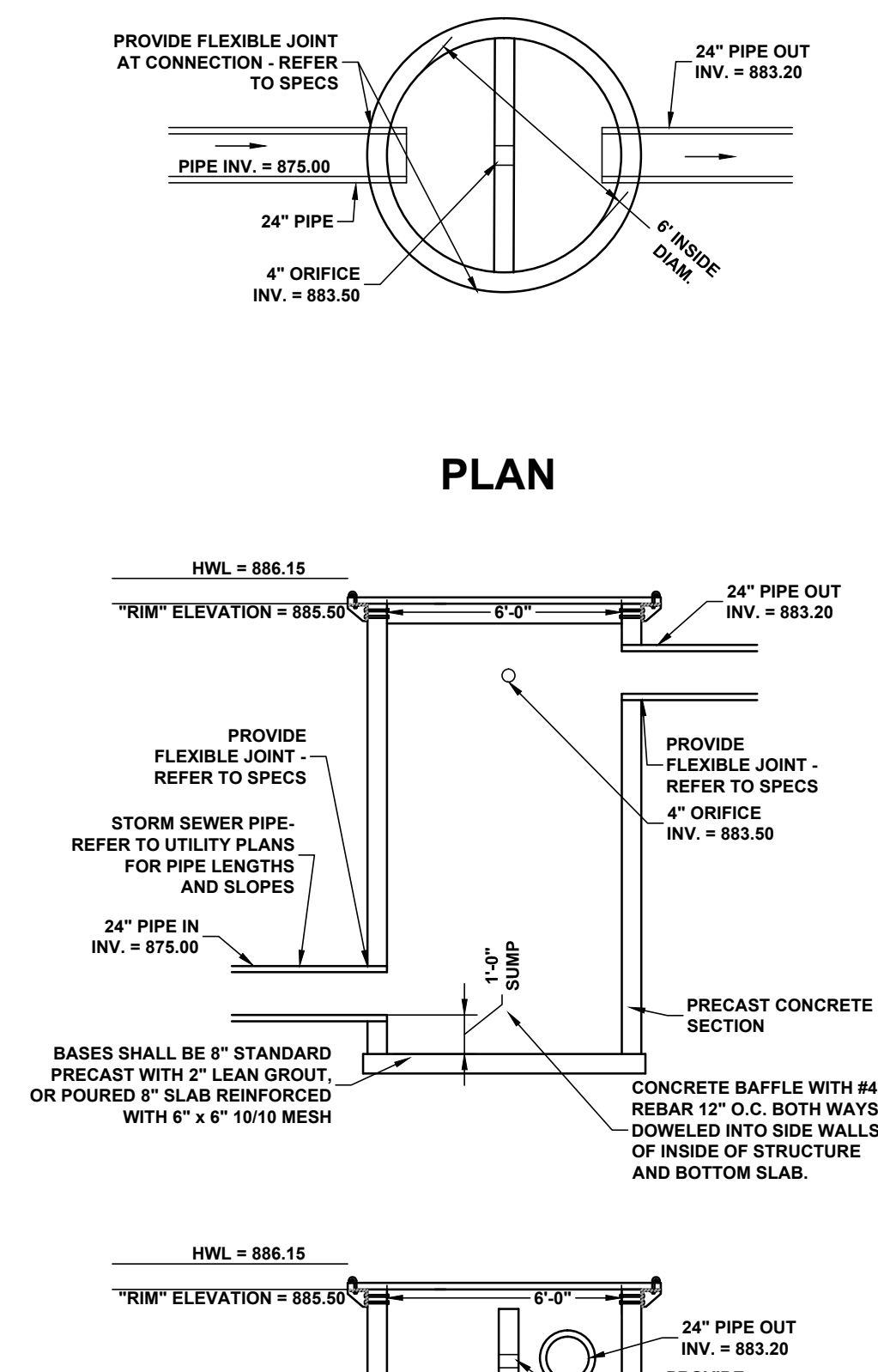
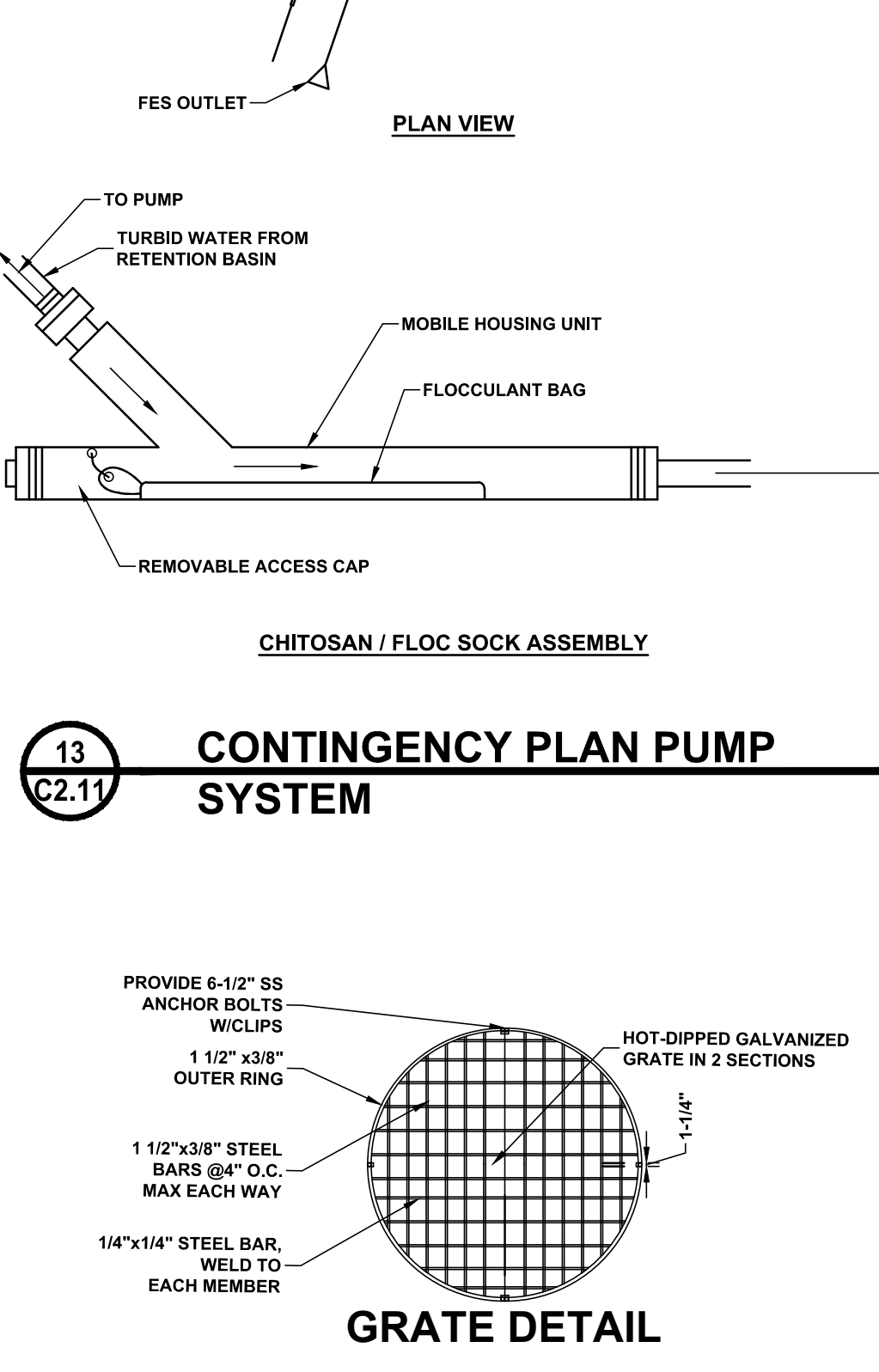
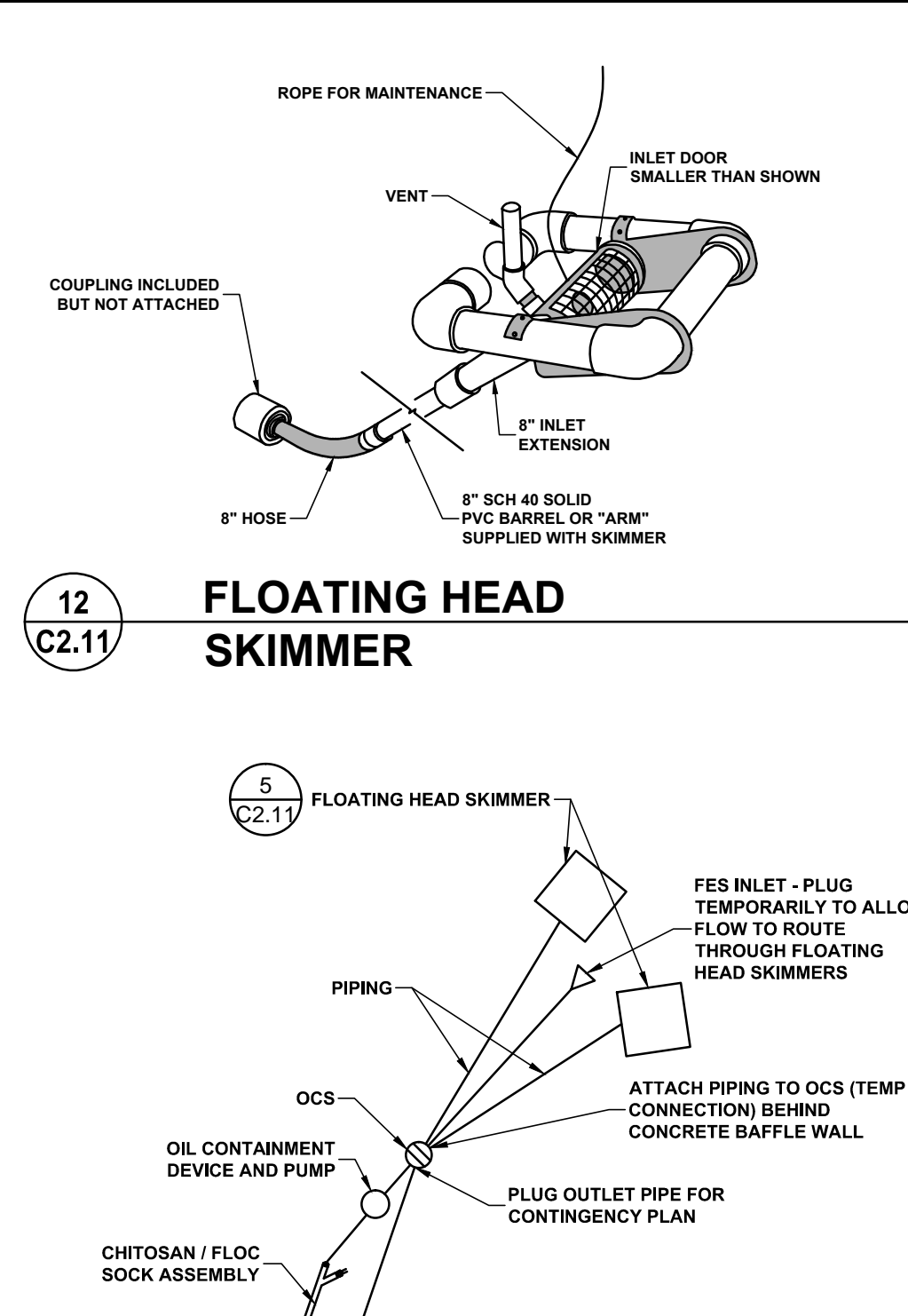
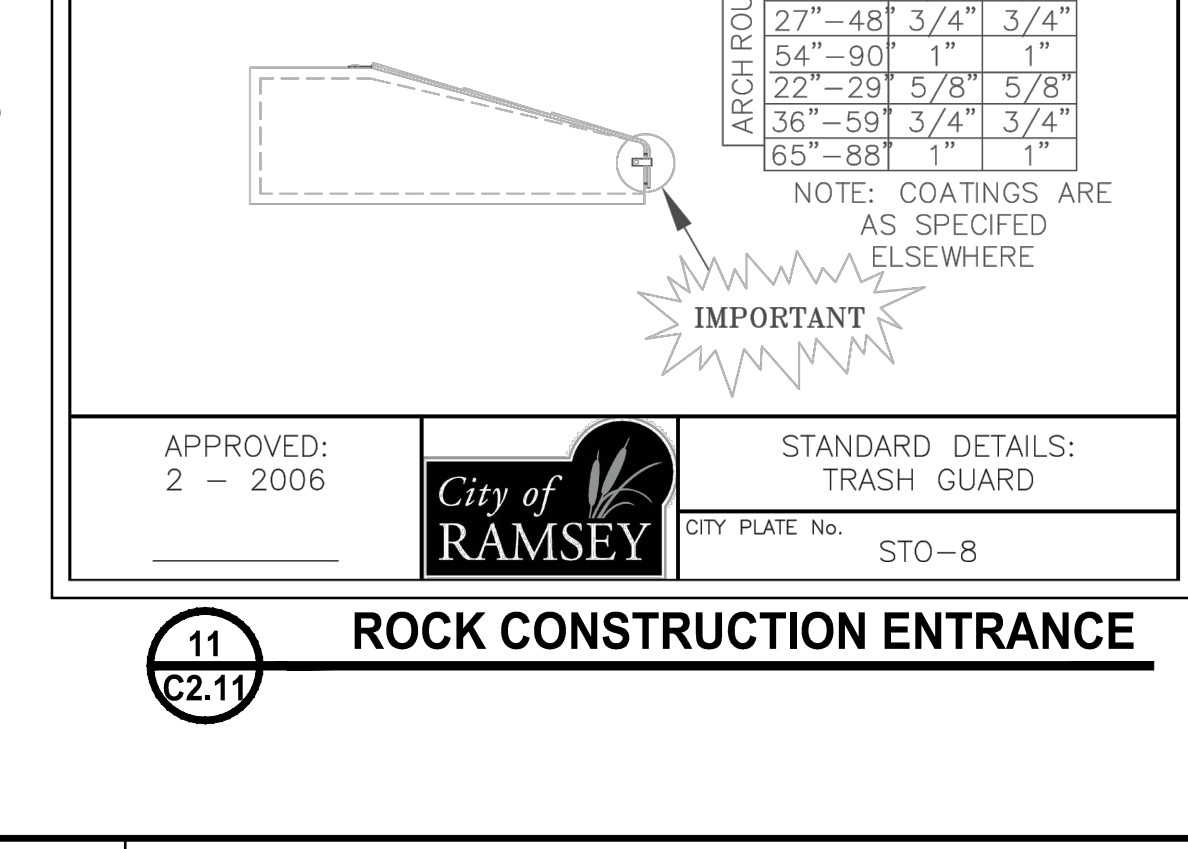
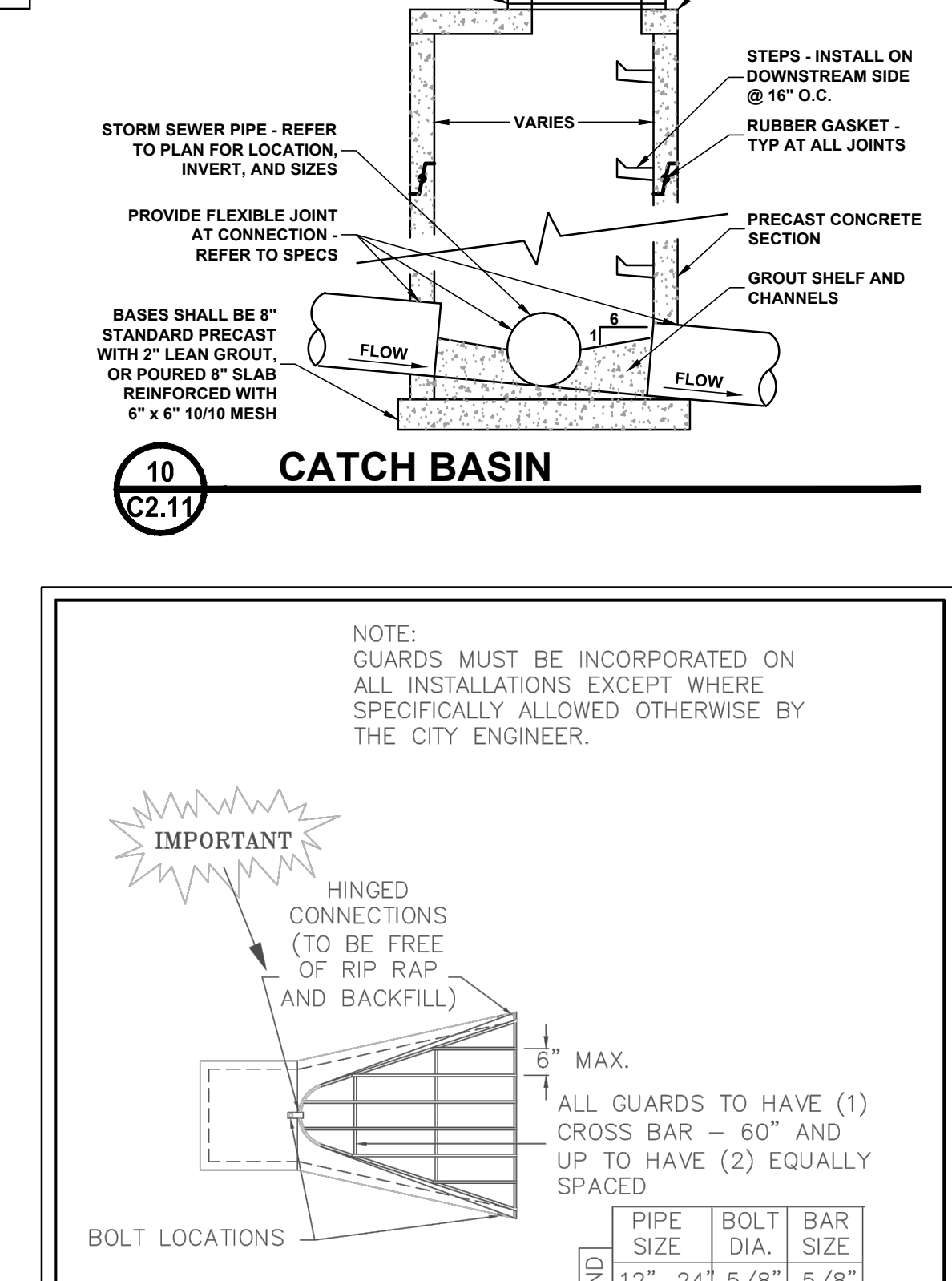
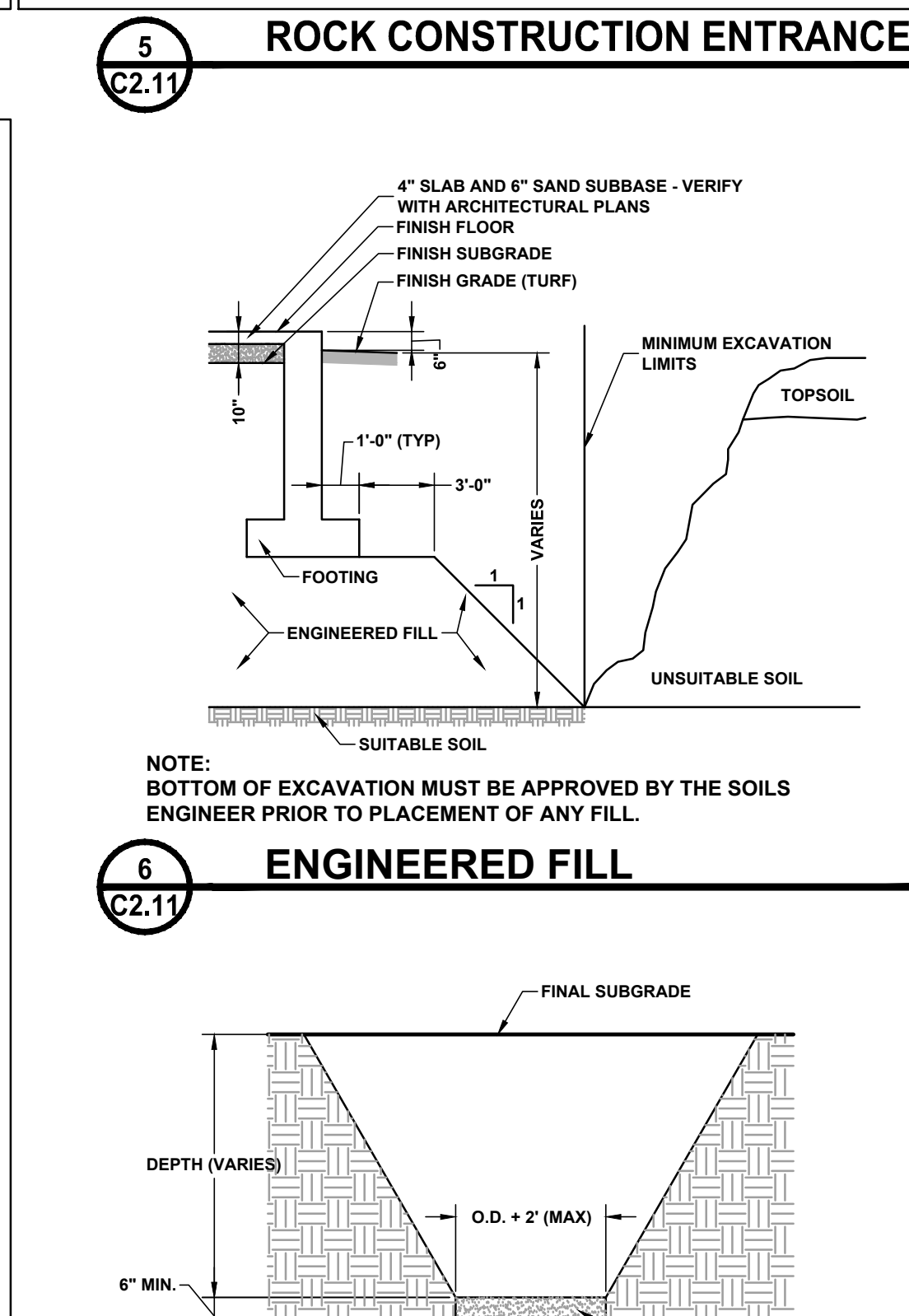
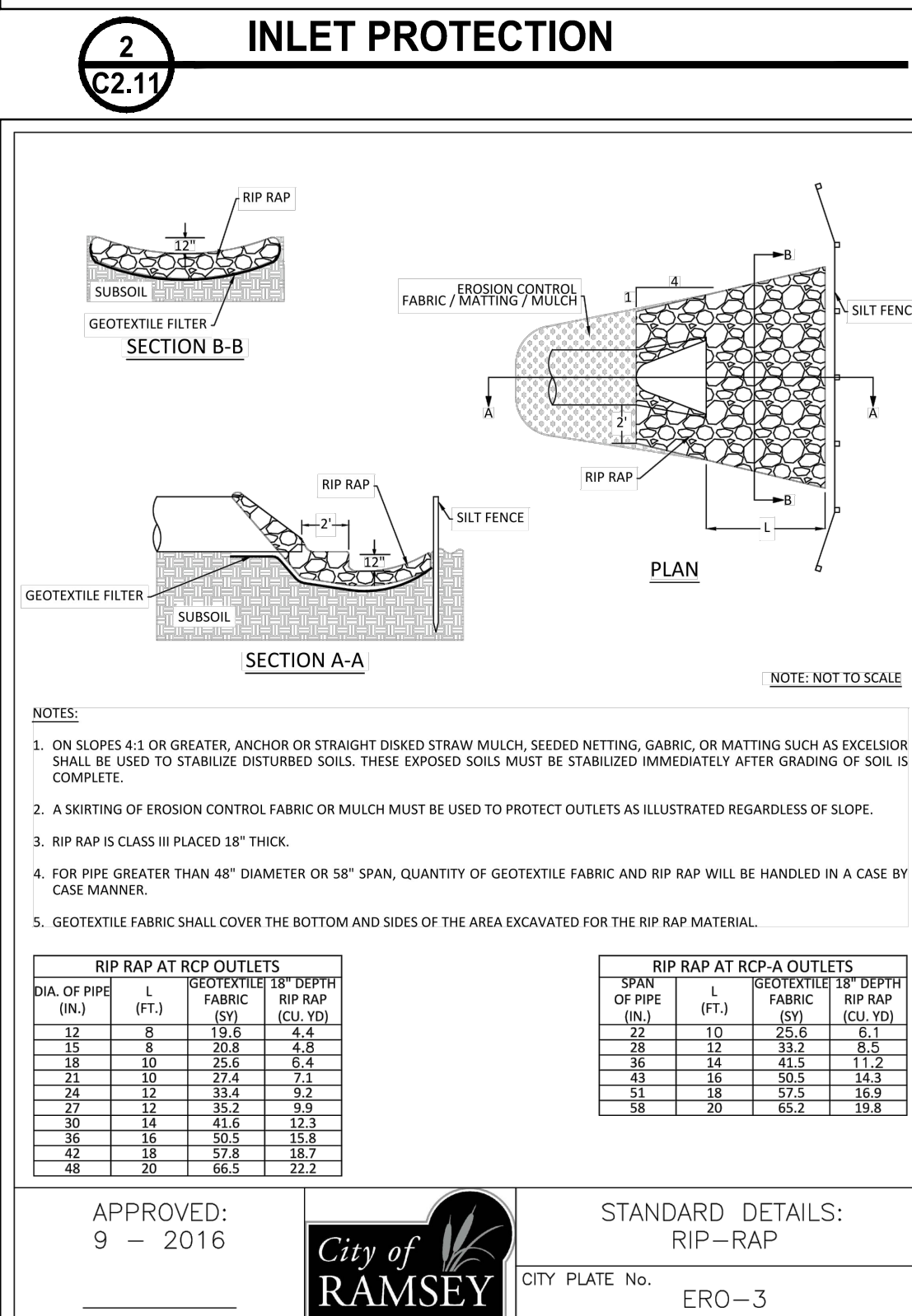
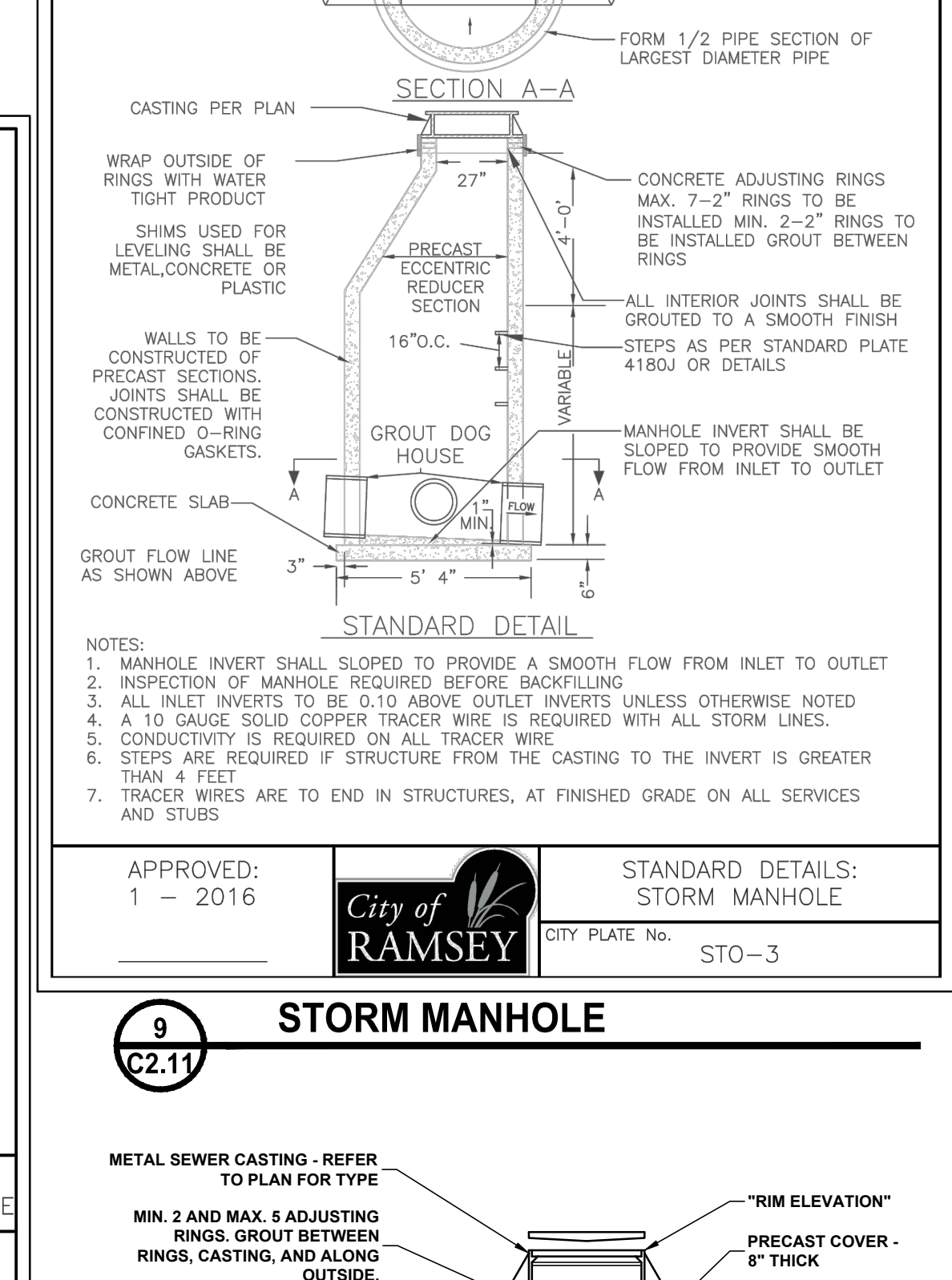
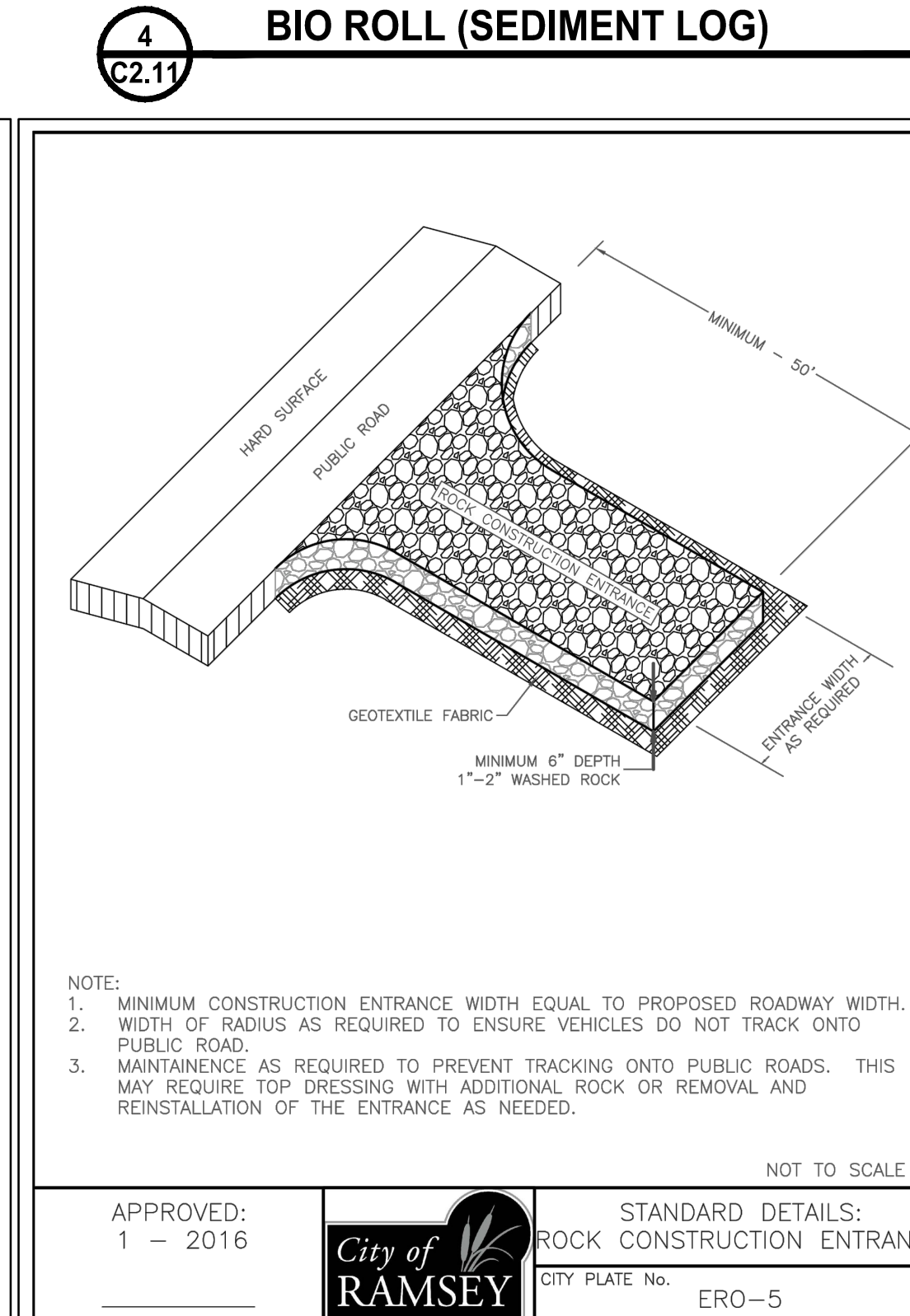
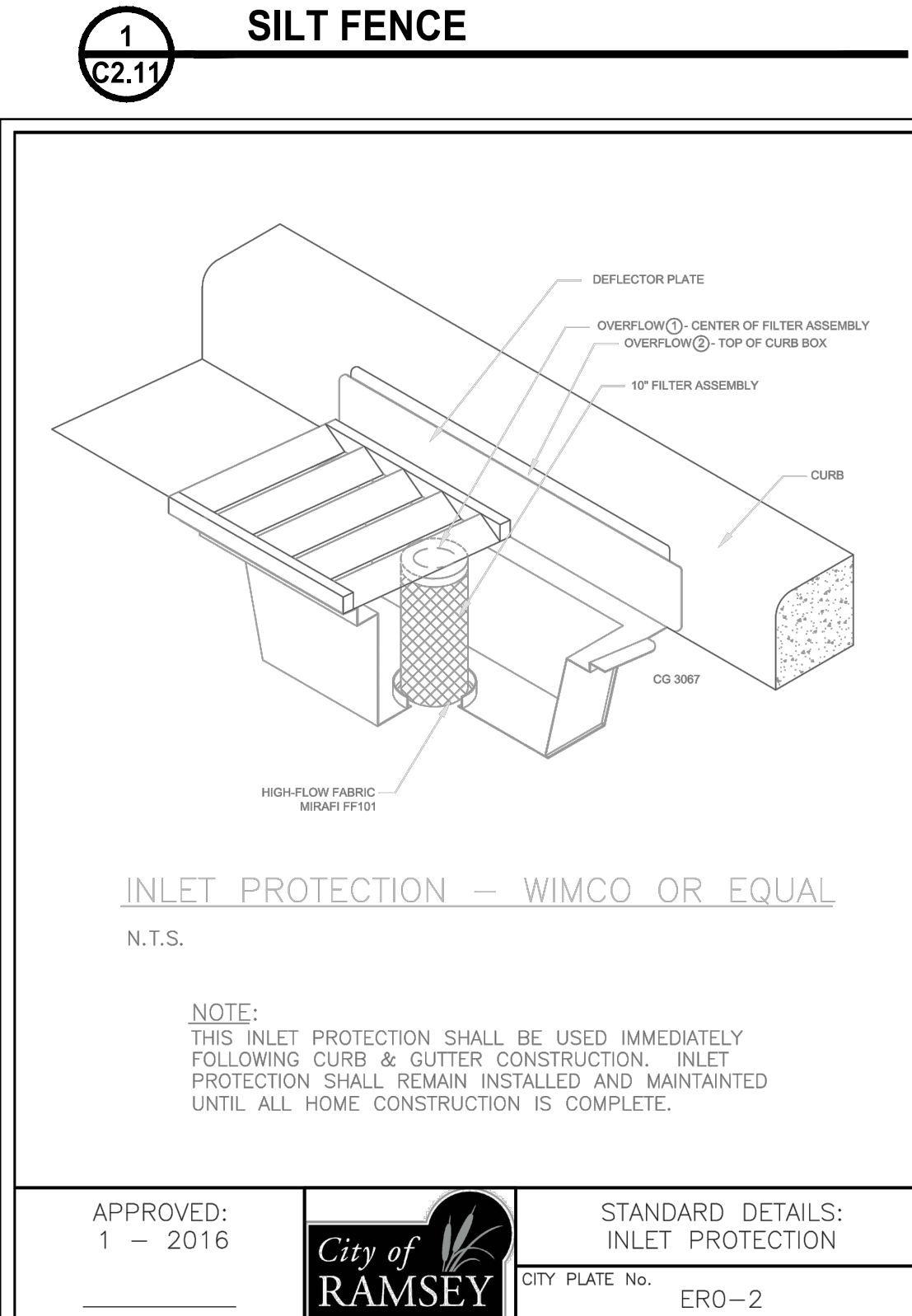
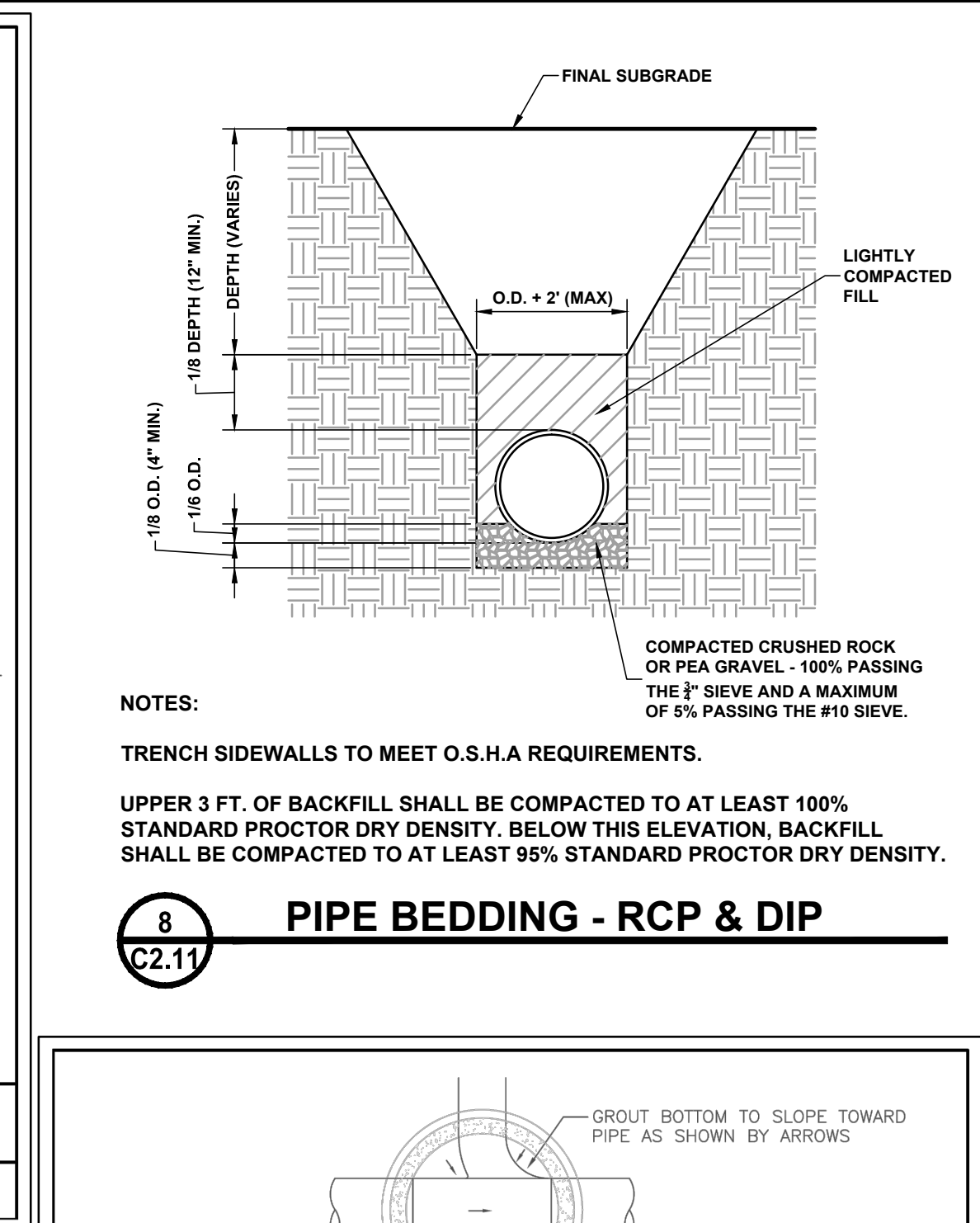
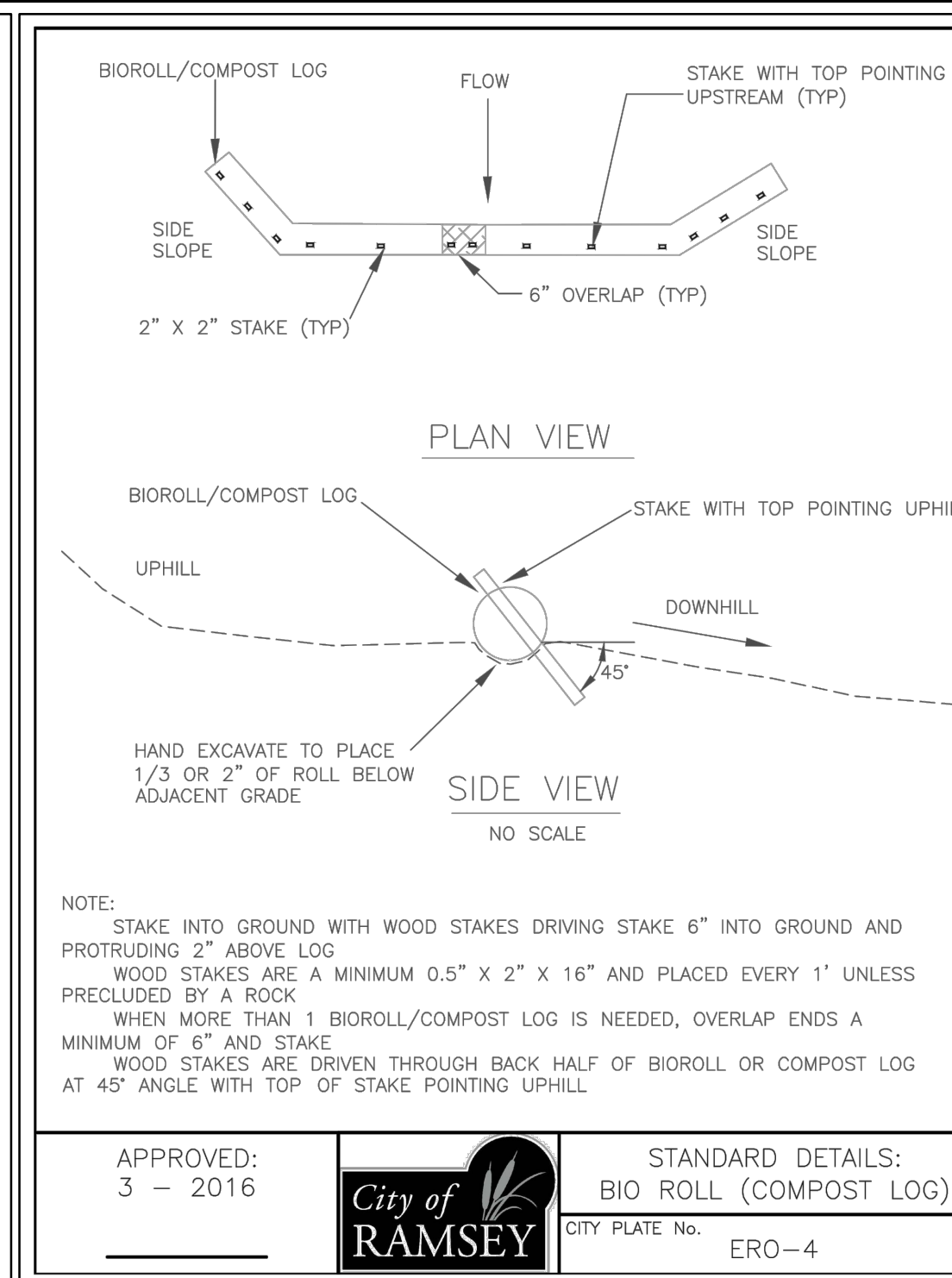
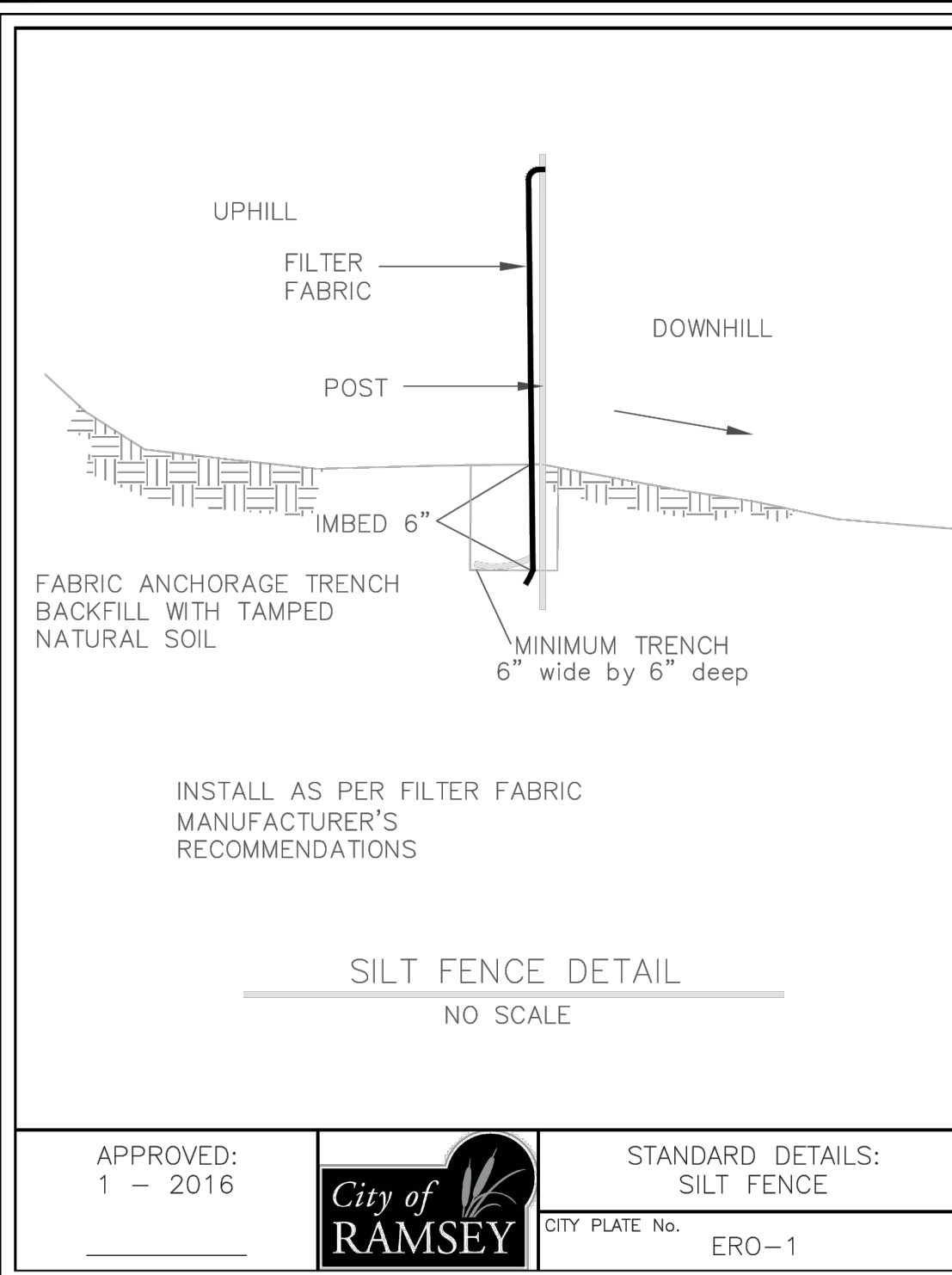
REVISIONS

NO.	DESCRIPTION	DATE

AGENCY REVIEW
 REVIEWED BY
 DATE
 12/08/2011
 SHEET NAME

SEDIMENT AND EROSION CONTROL PLAN (SWPPP)
 ATS&R PROJECT NO.
 17119
 SHEET NUMBER

C1.61



ATS&R
ARMSTRONG TORSETH SKOLD & RYDEN INC.
ARCHITECTURE ENGINEERING
PLANNING TECHNOLOGY
INTERIOR DESIGN LANDSCAPE ARCHITECTURE

8501 GOLDEN VALLEY ROAD
SUITE 300
MINNEAPOLIS, MN 55427
TEL: 612.545.3731
FAX: 612.525.3289
WEB: www.atsr.com

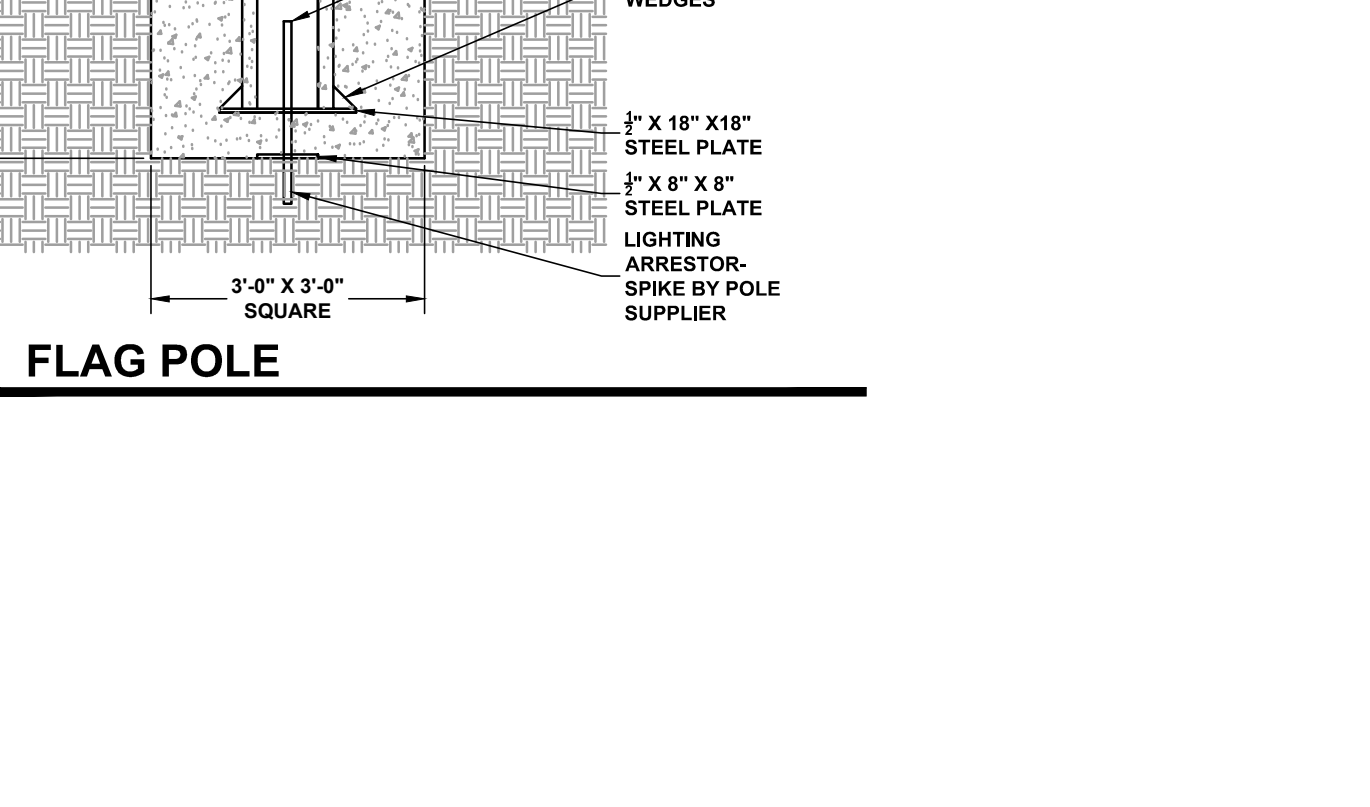
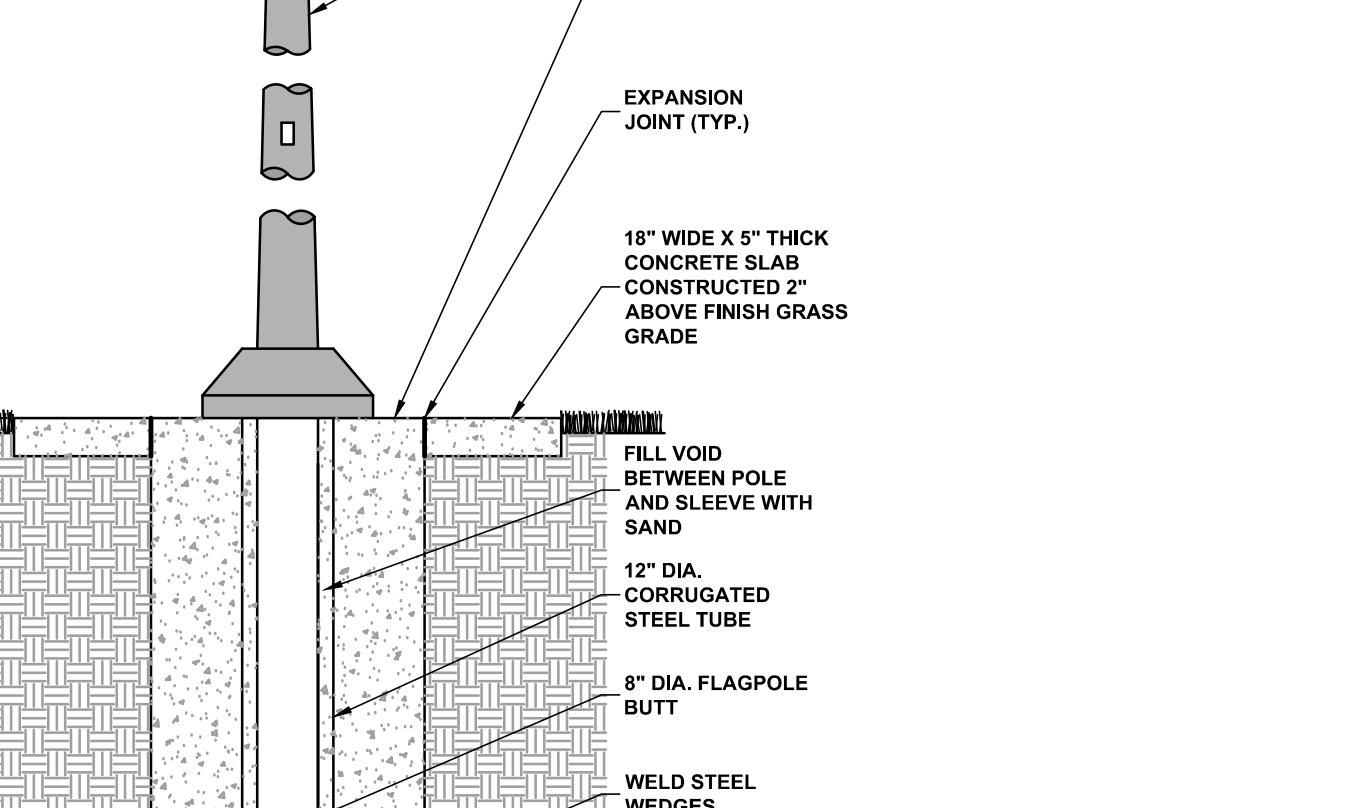
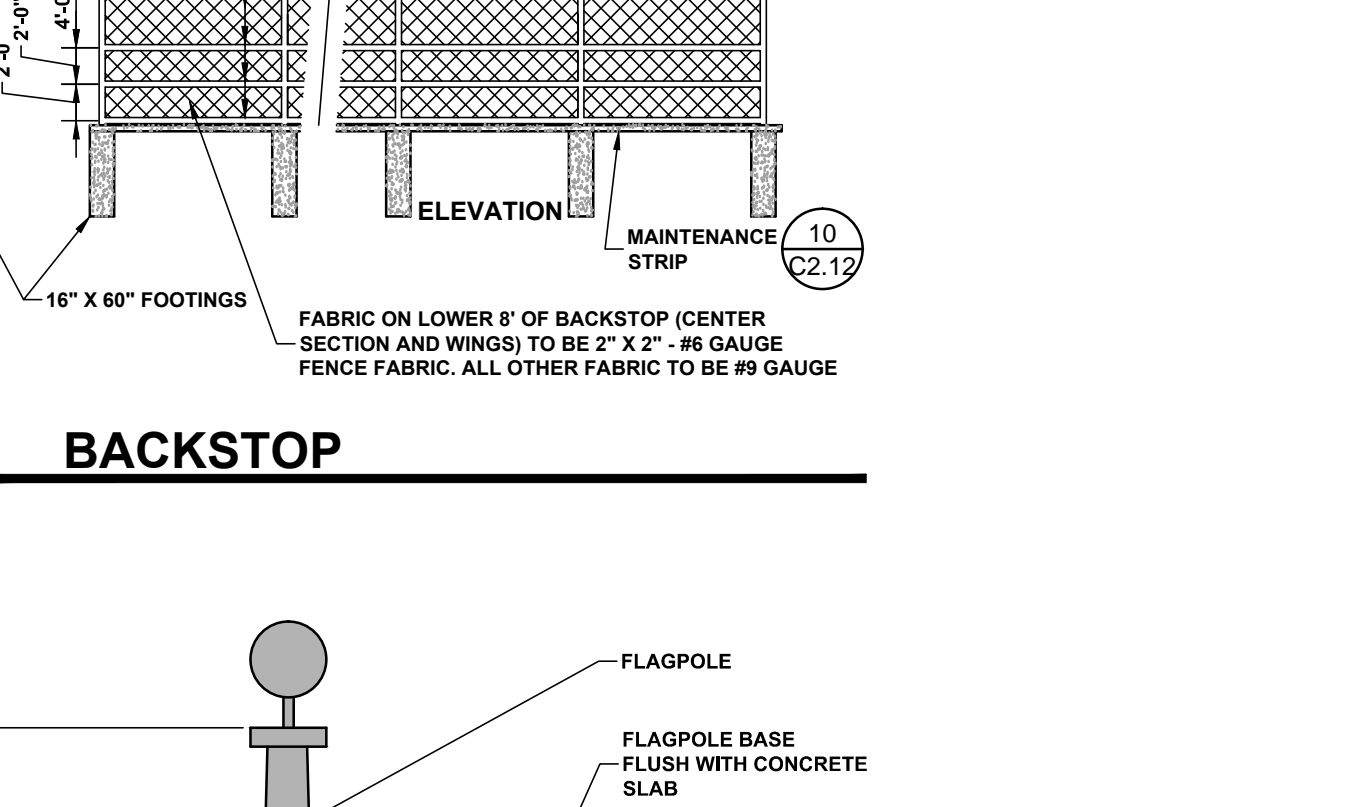
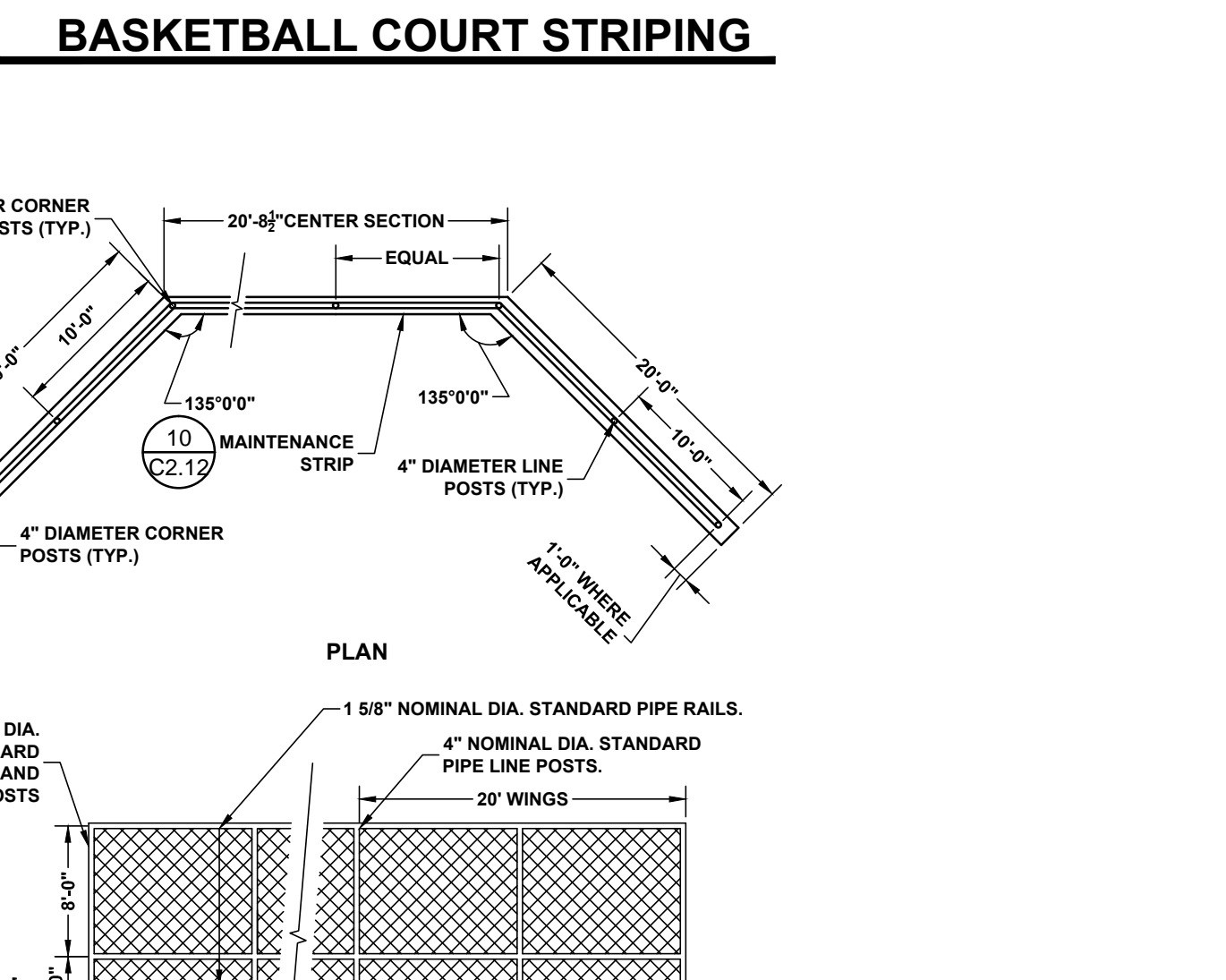
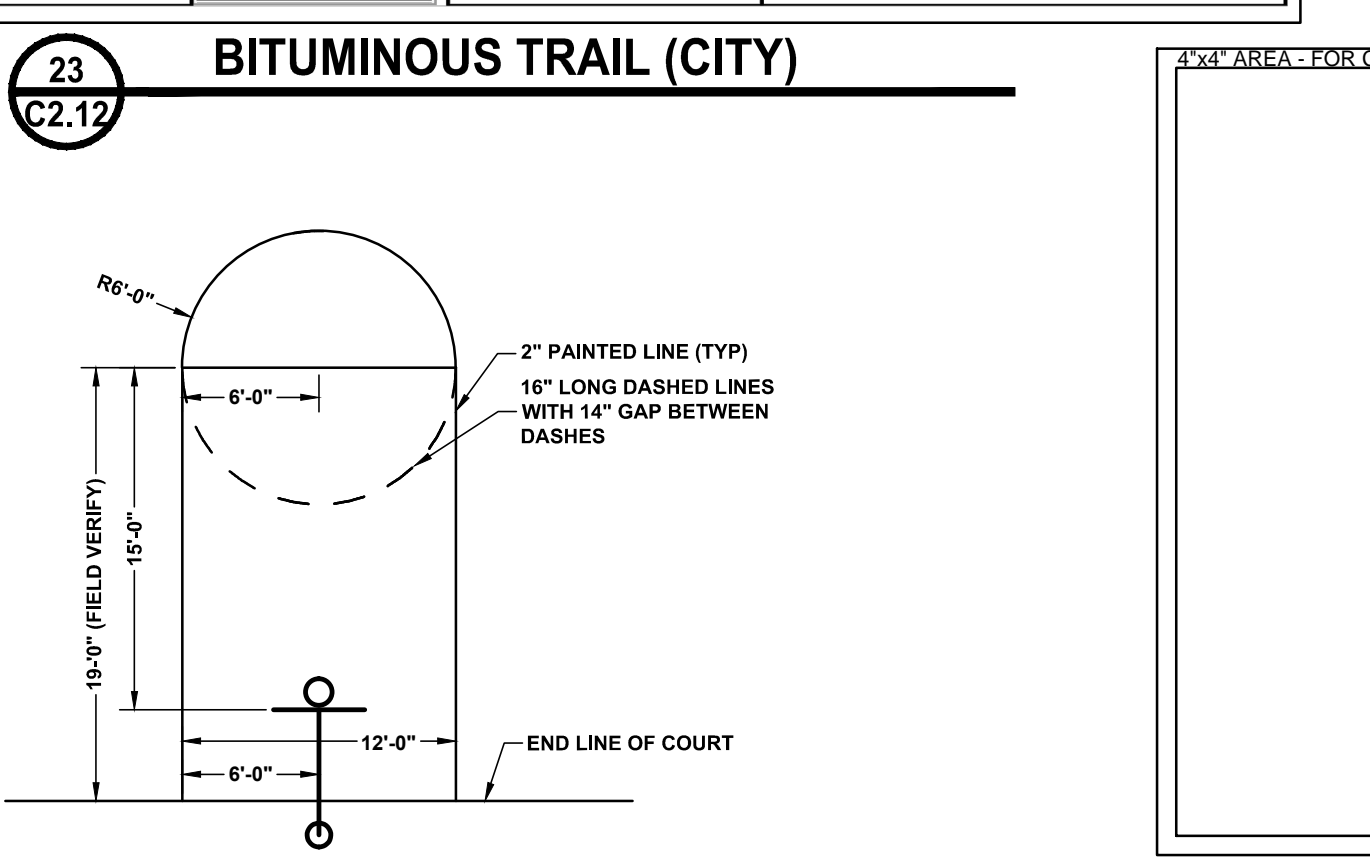
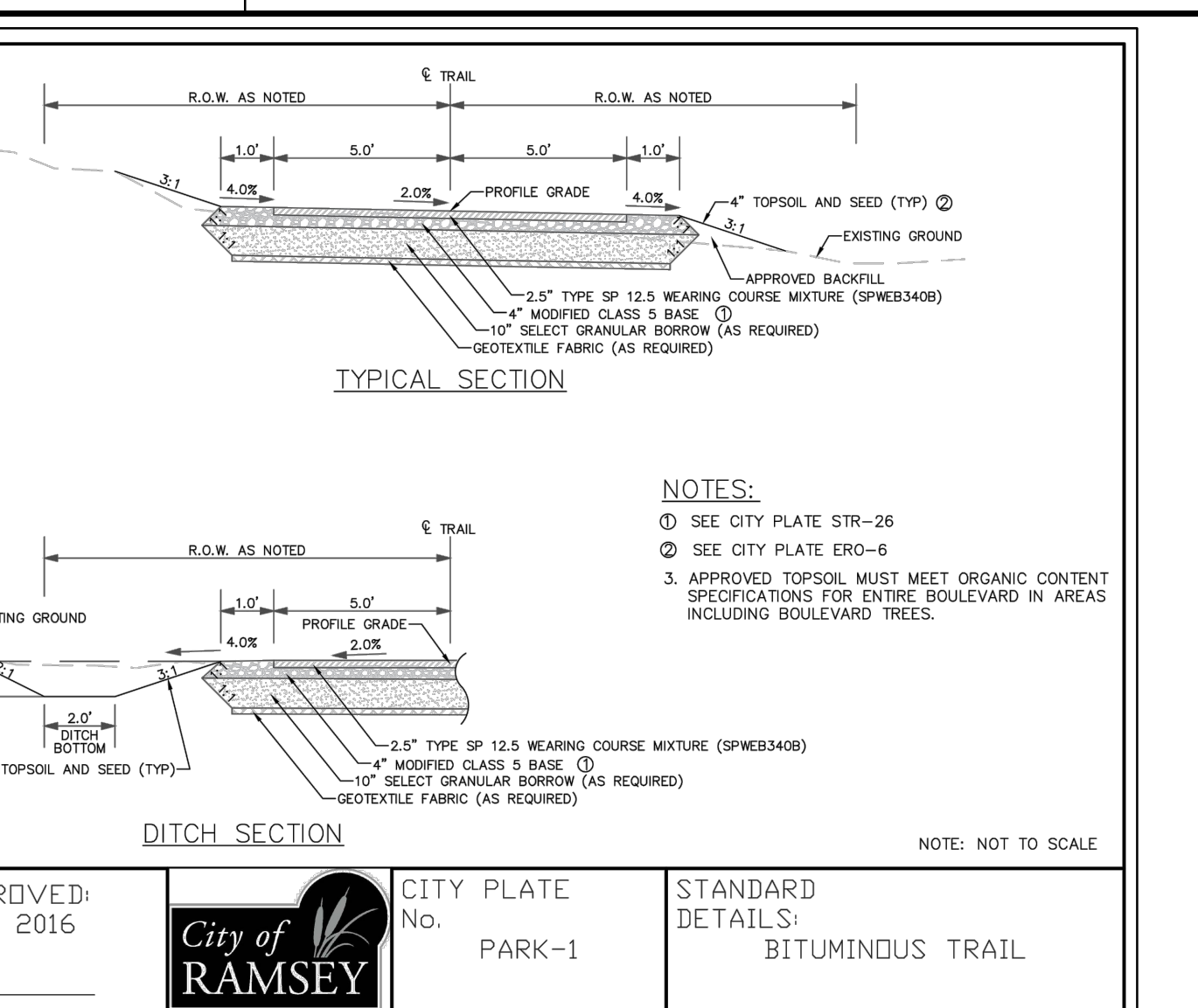
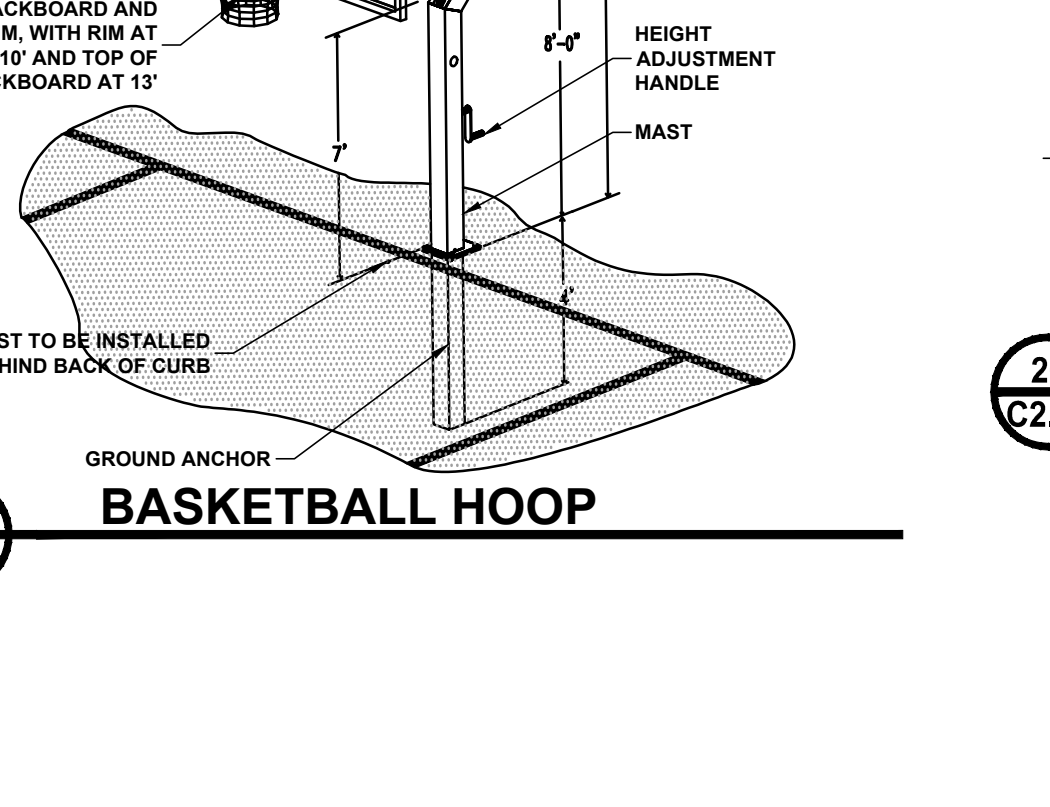
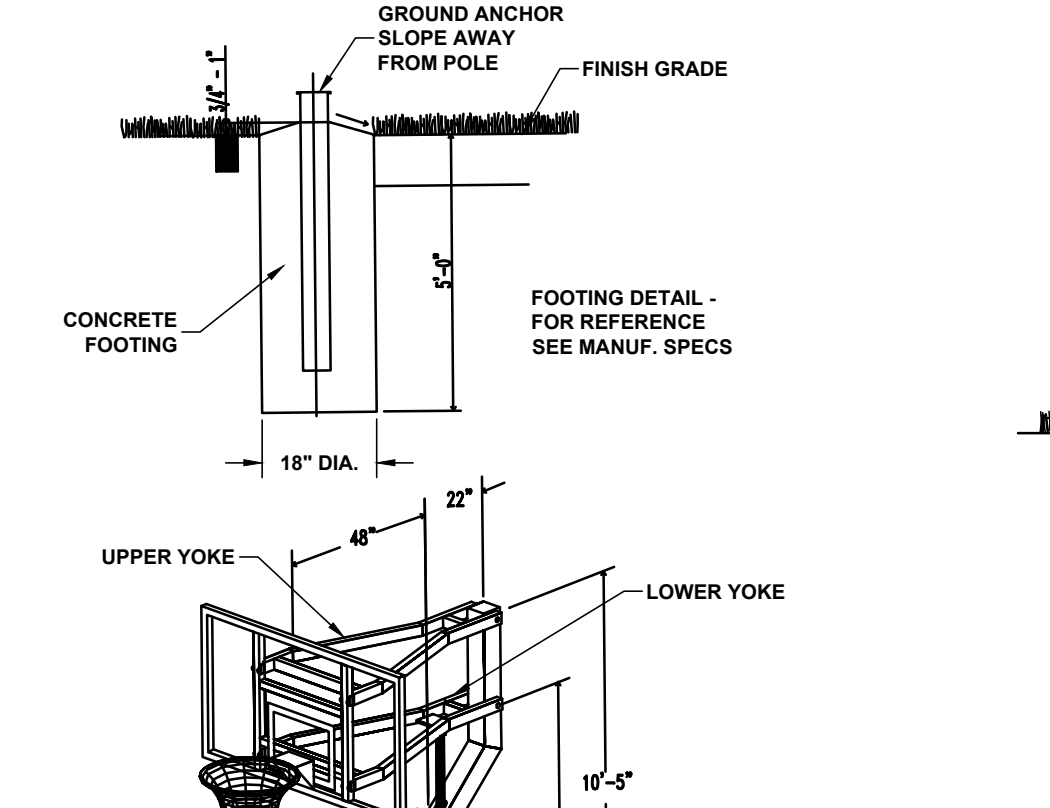
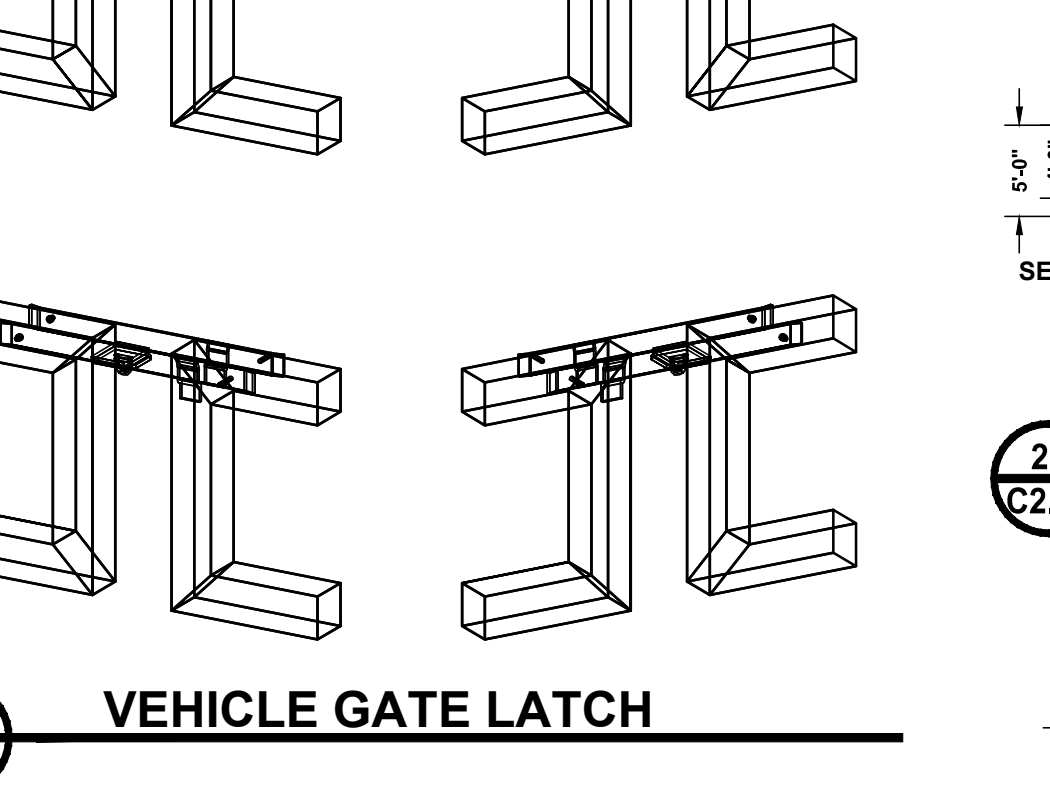
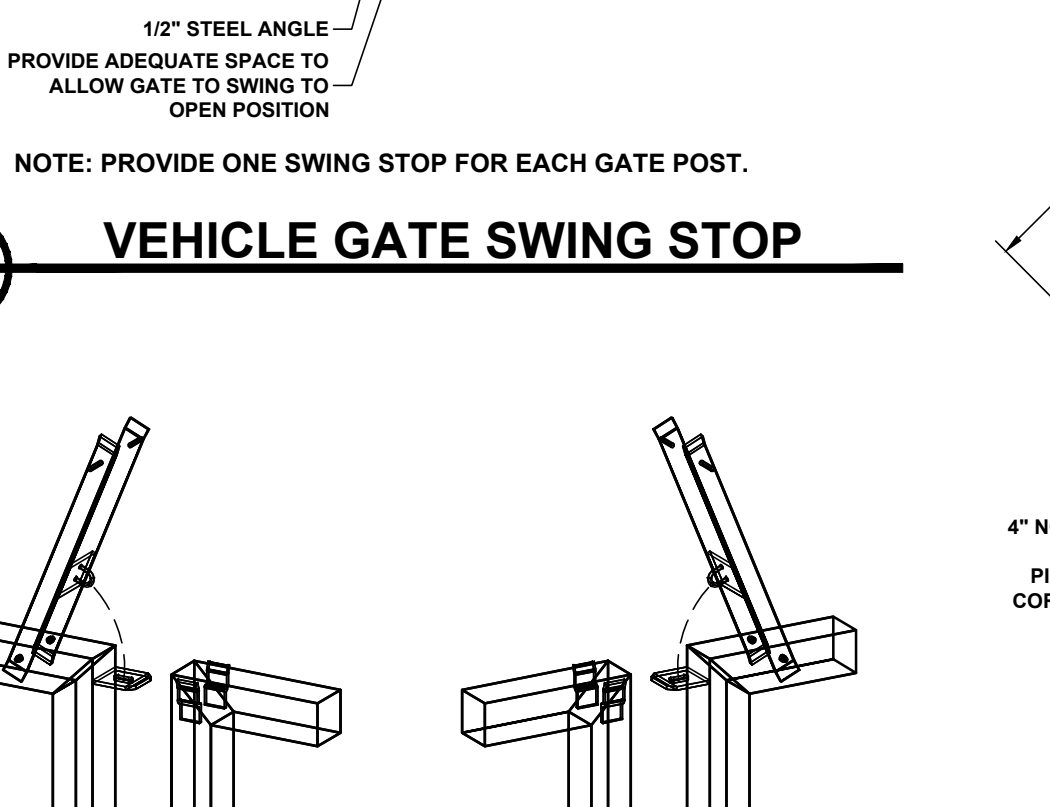
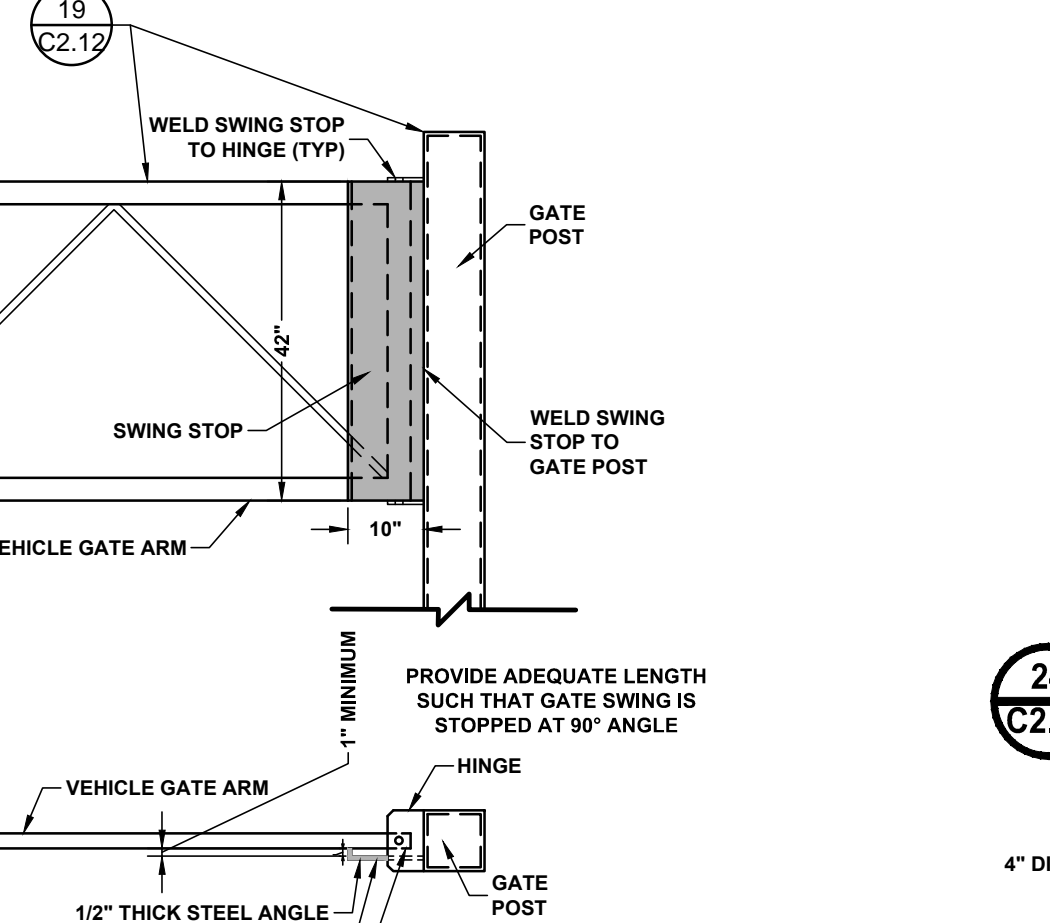
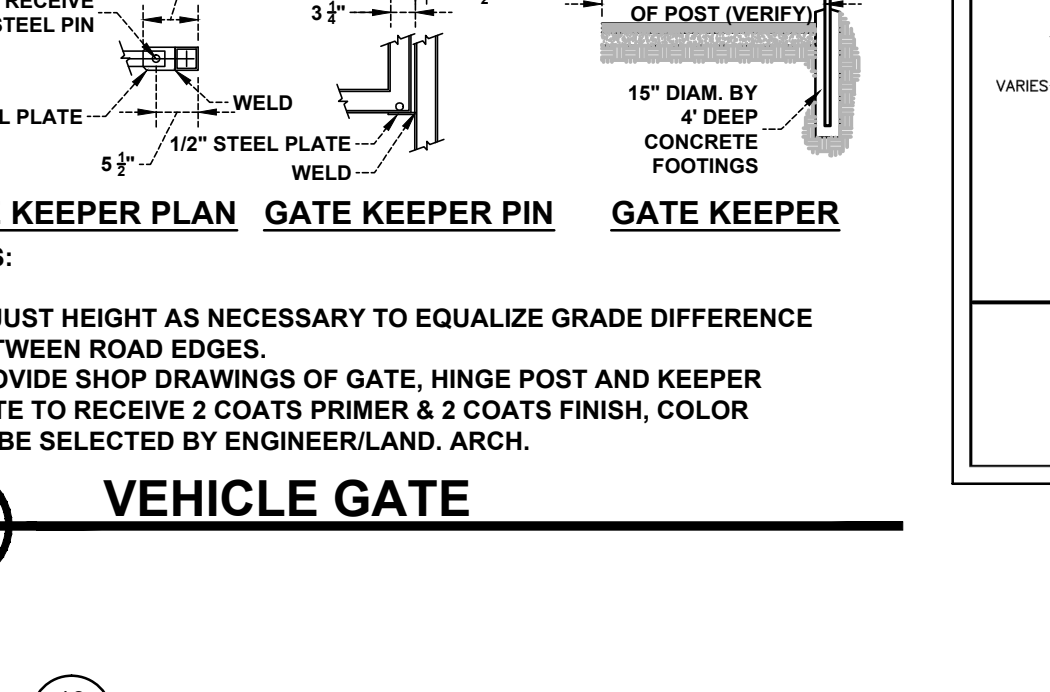
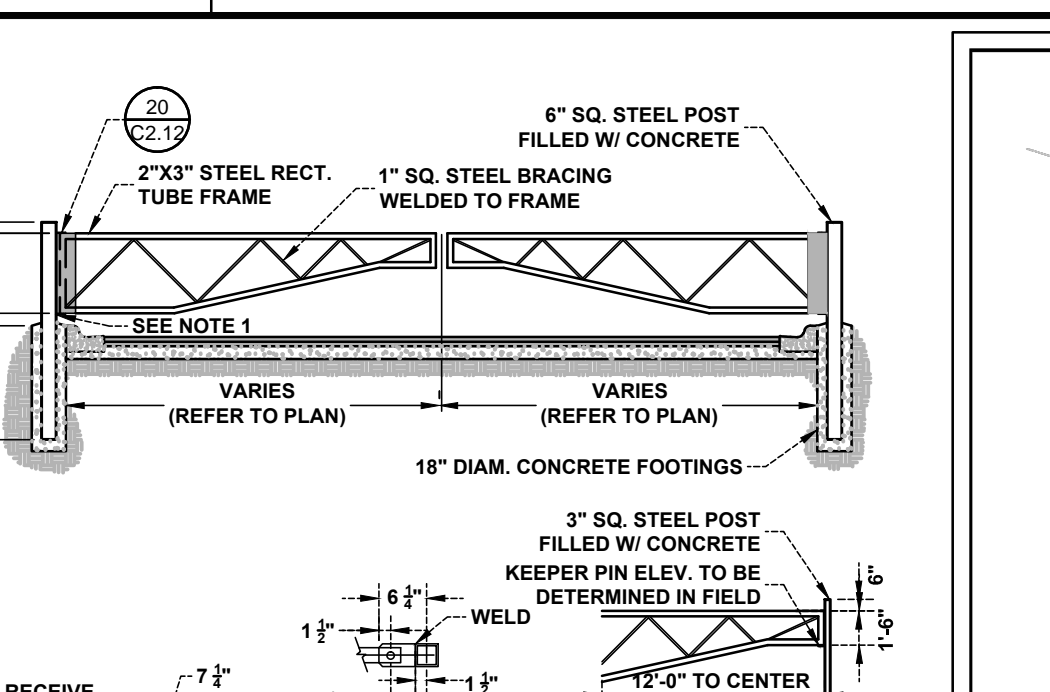
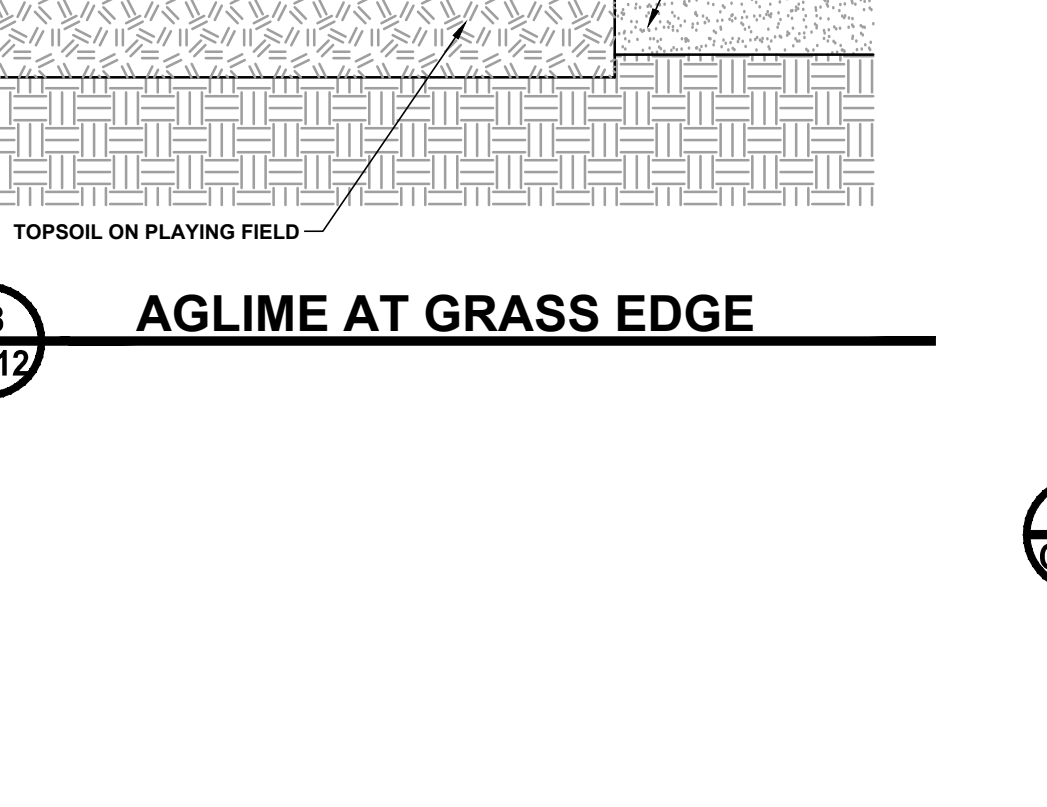
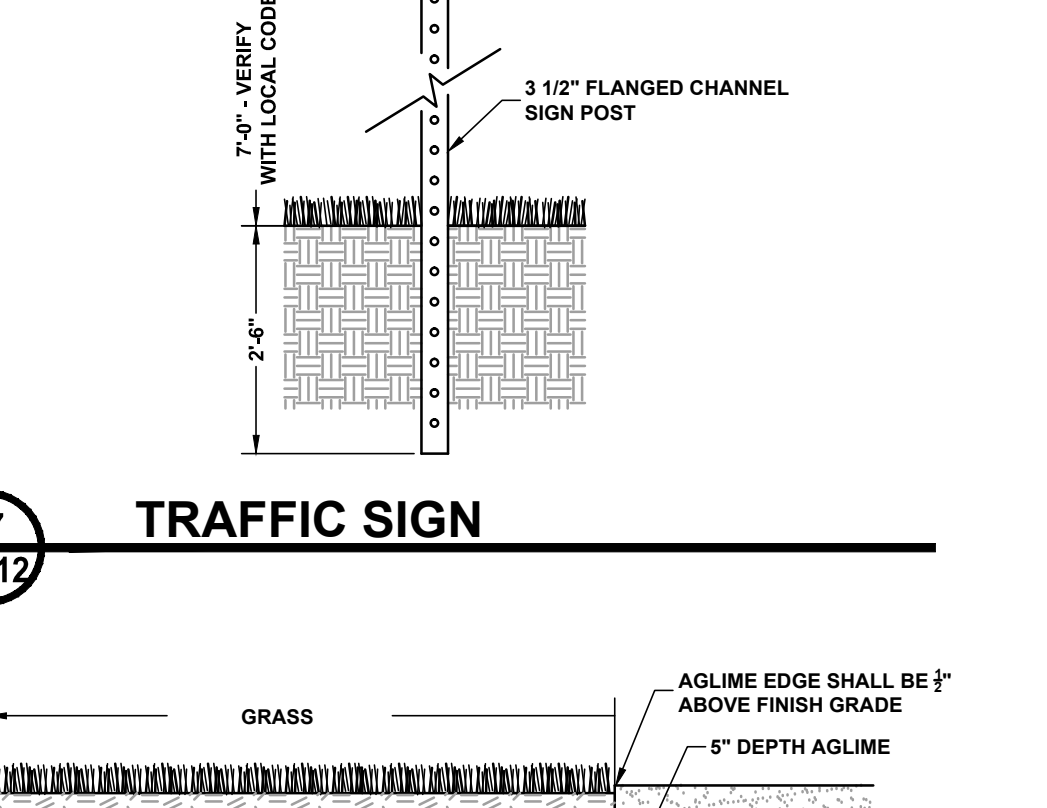
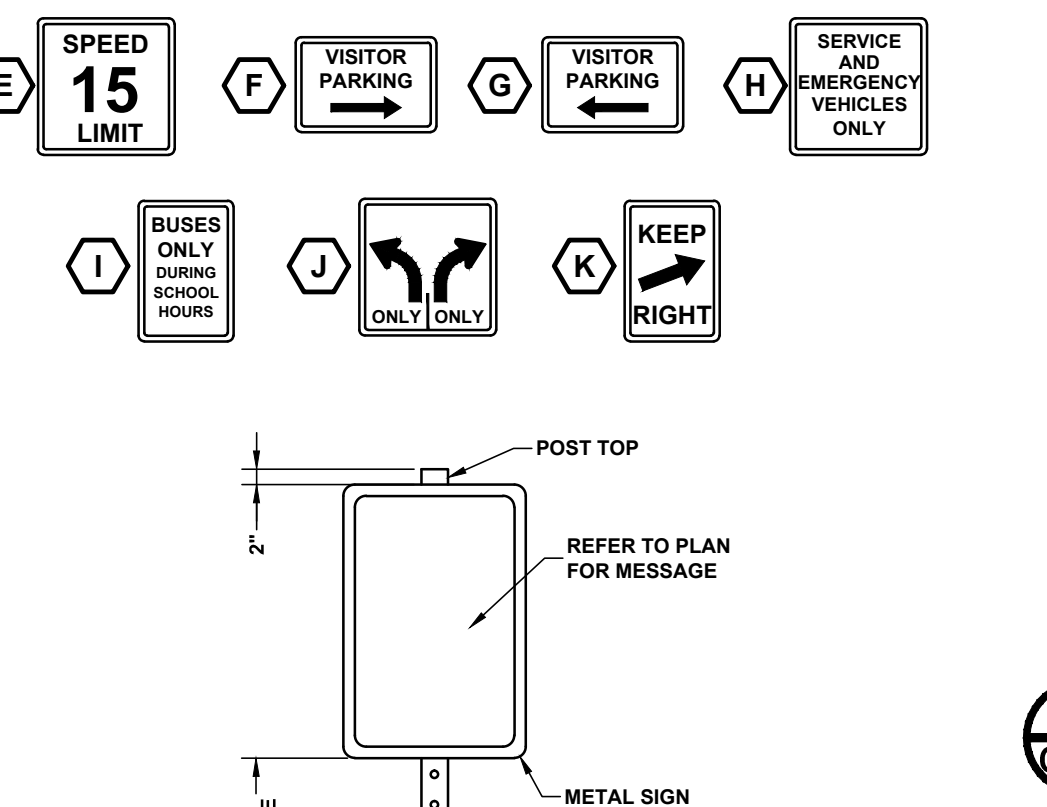
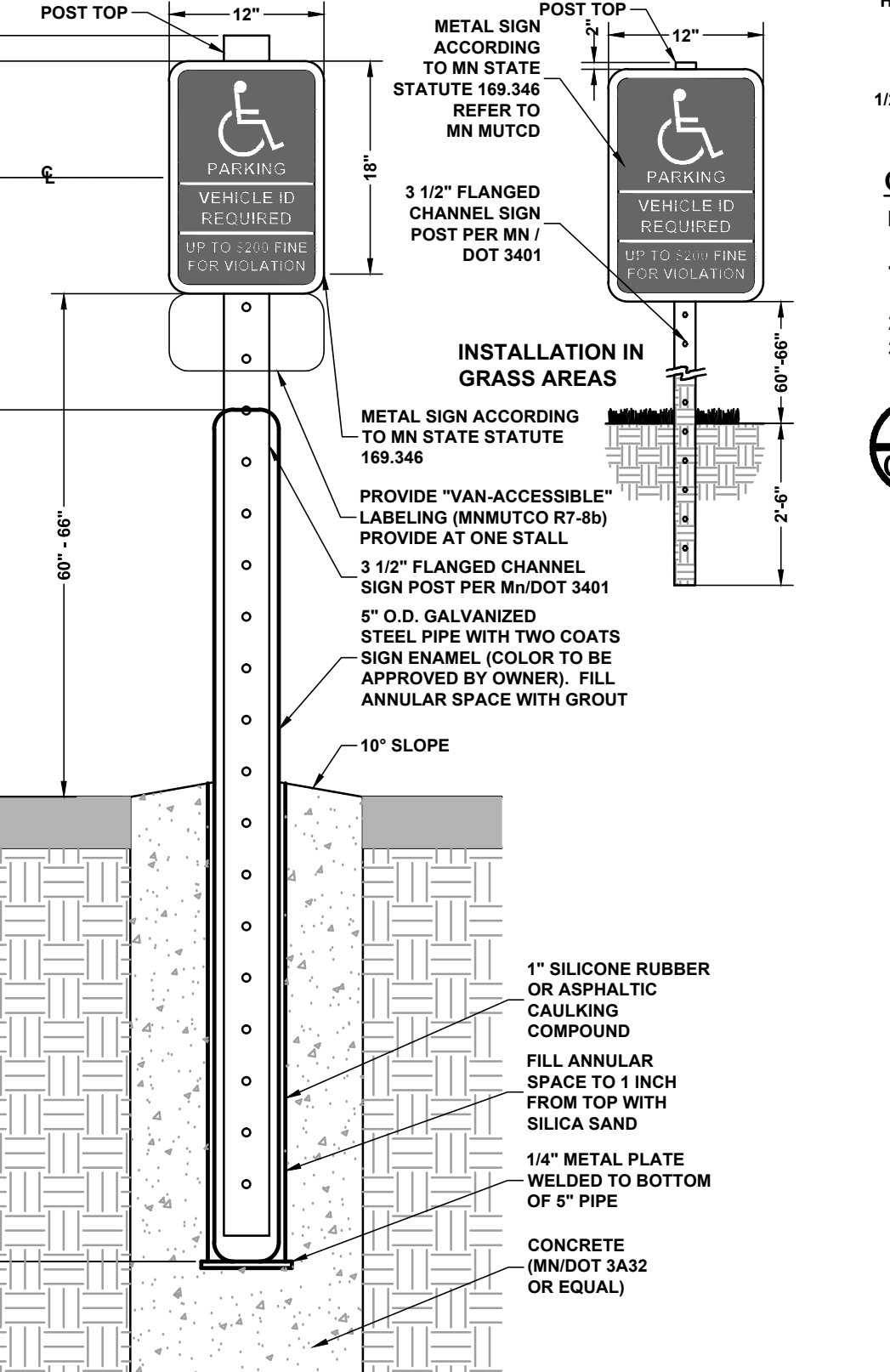
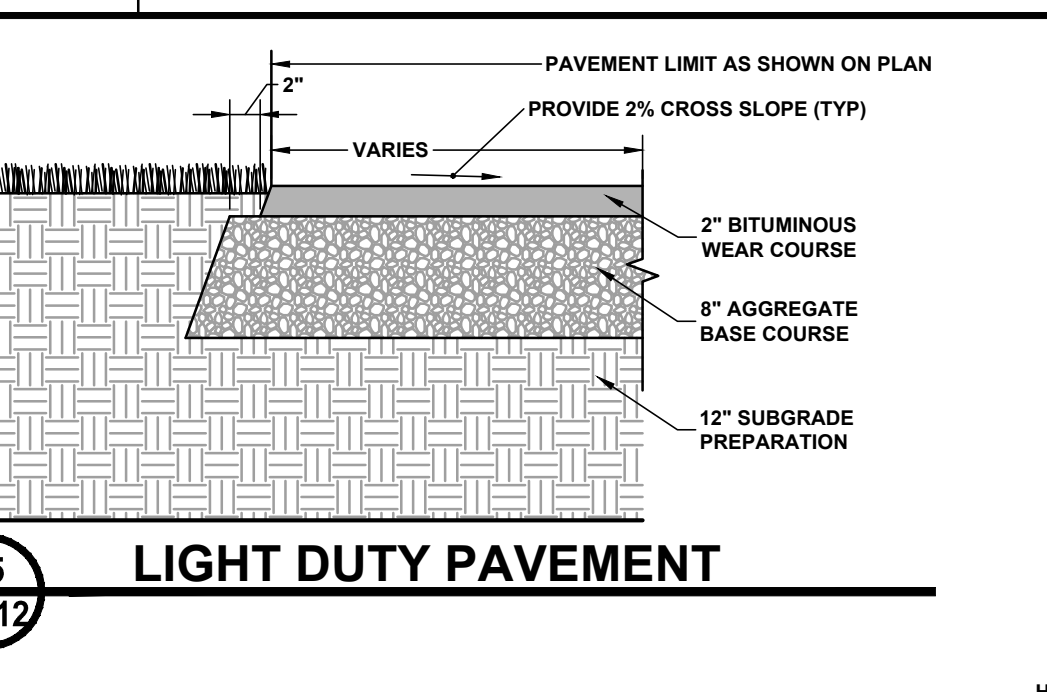
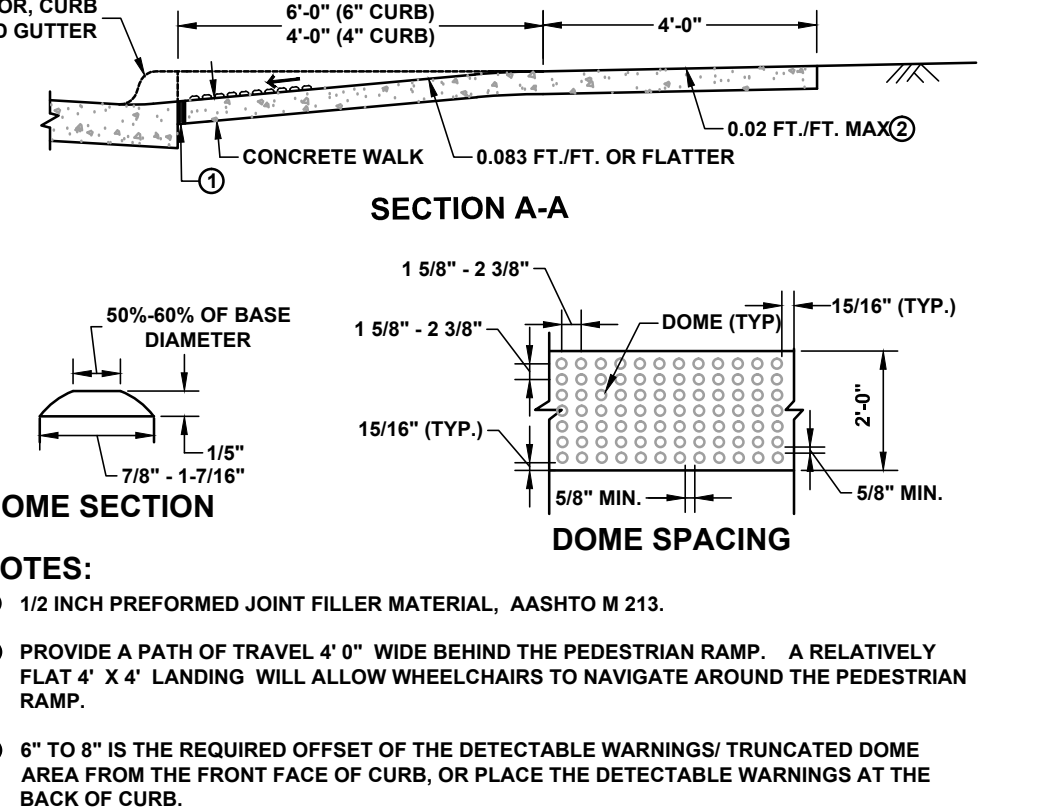
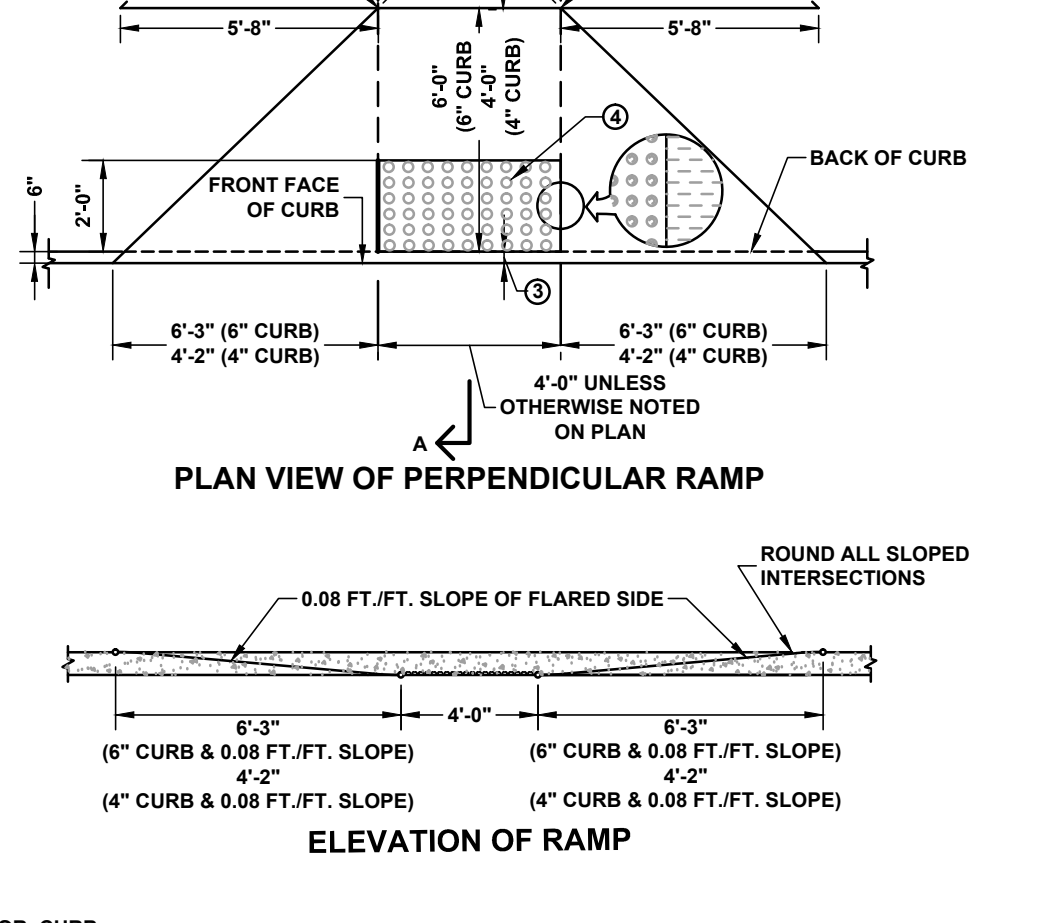
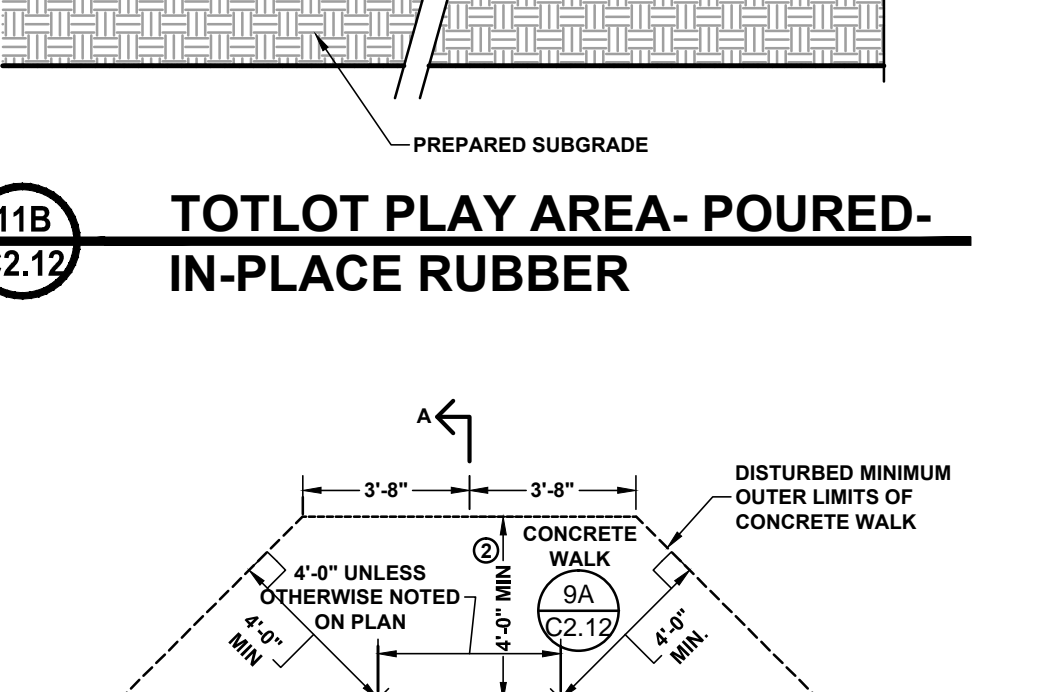
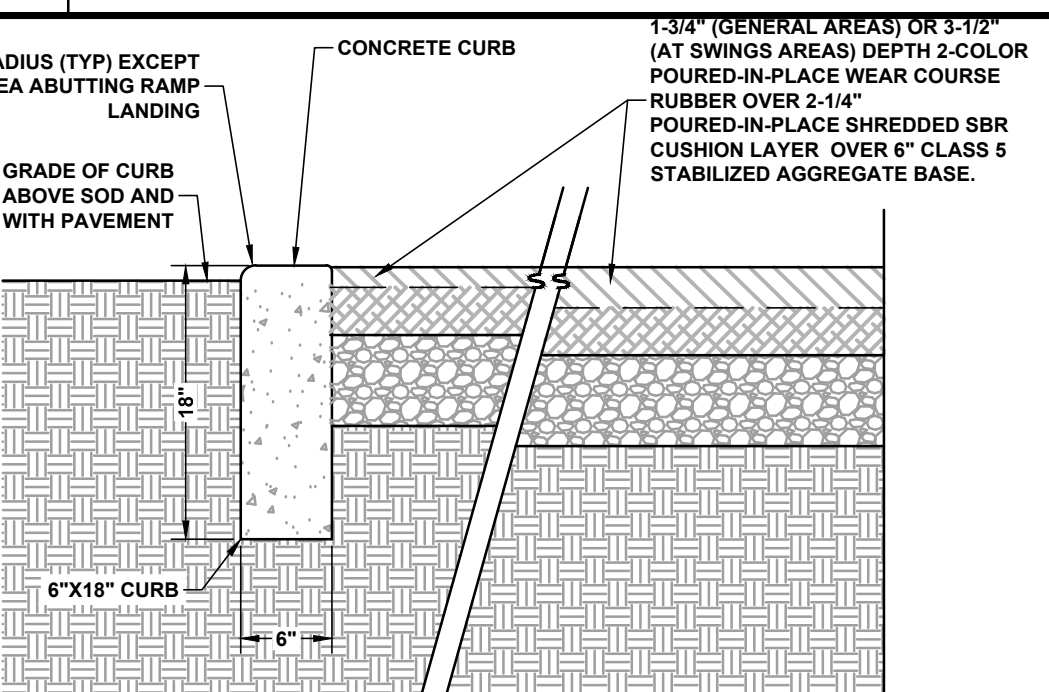
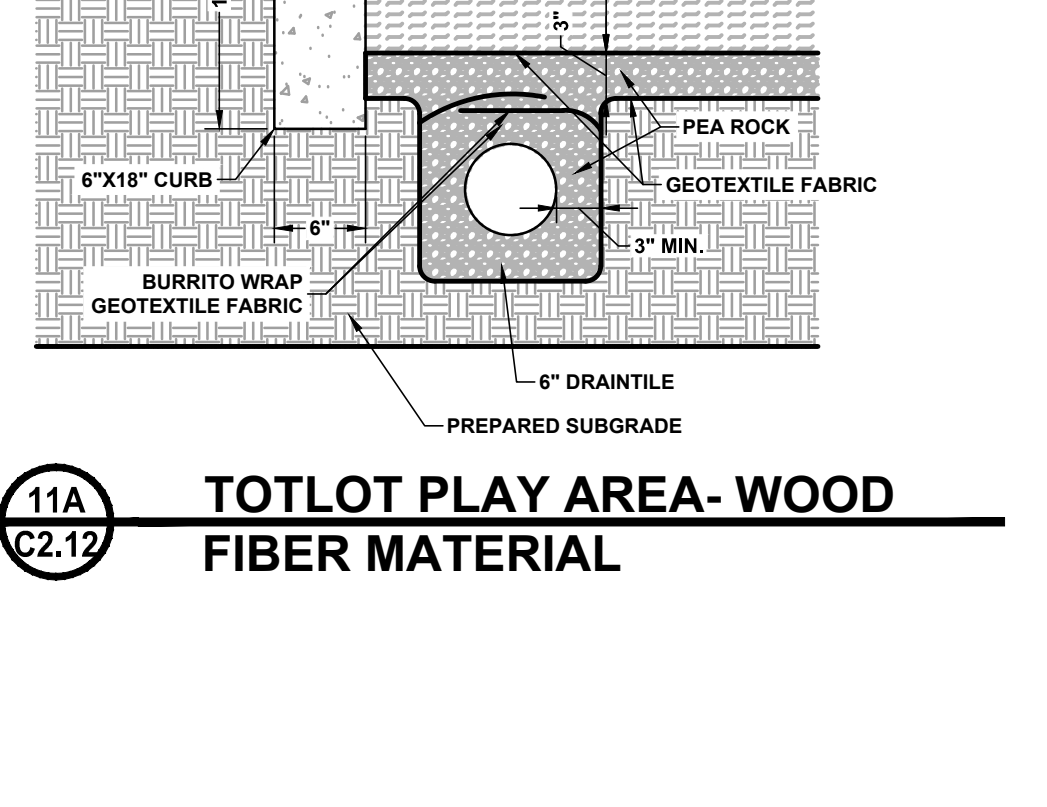
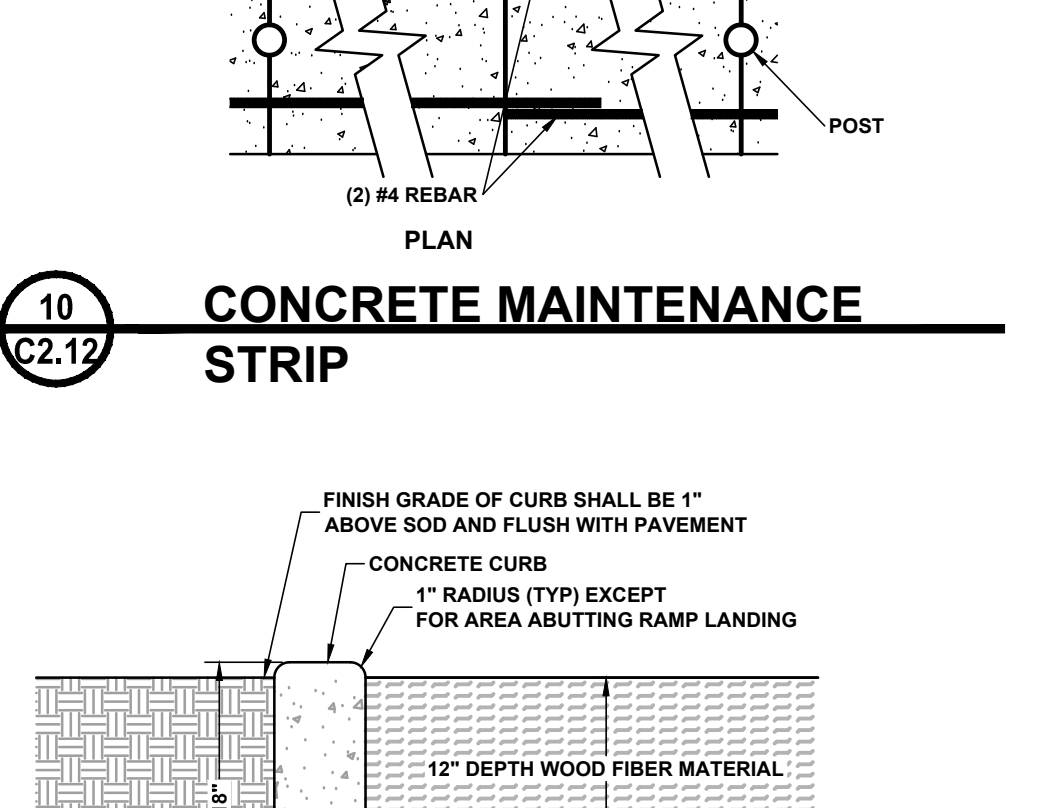
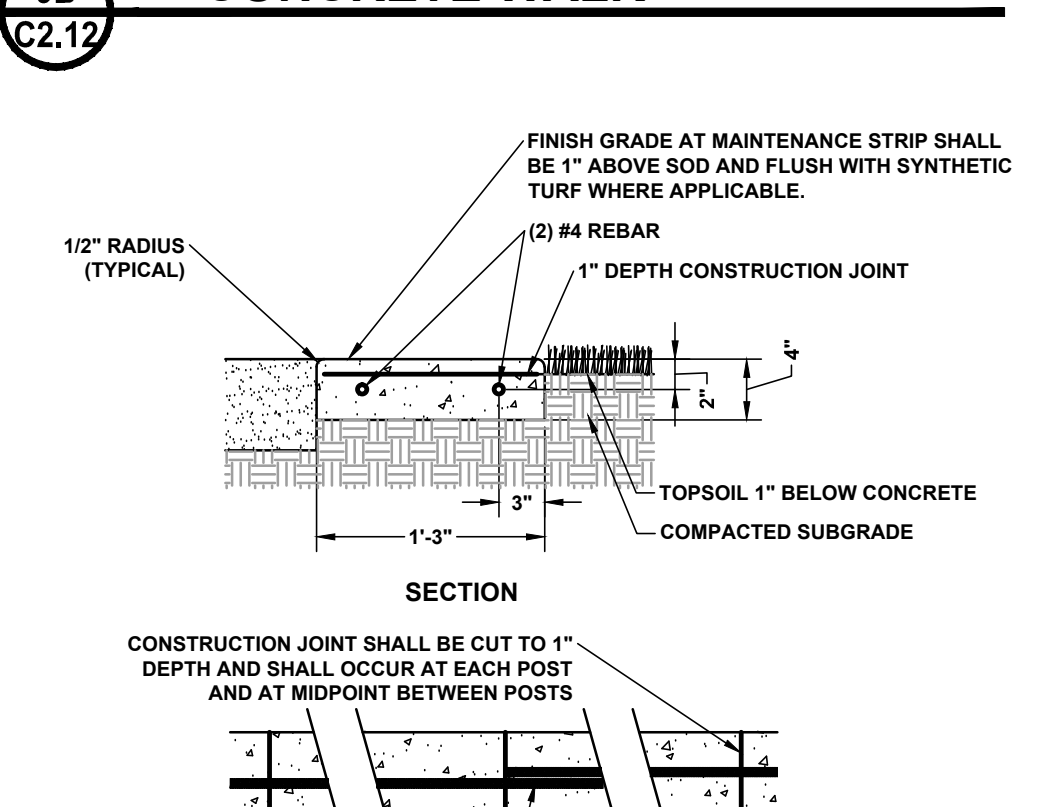
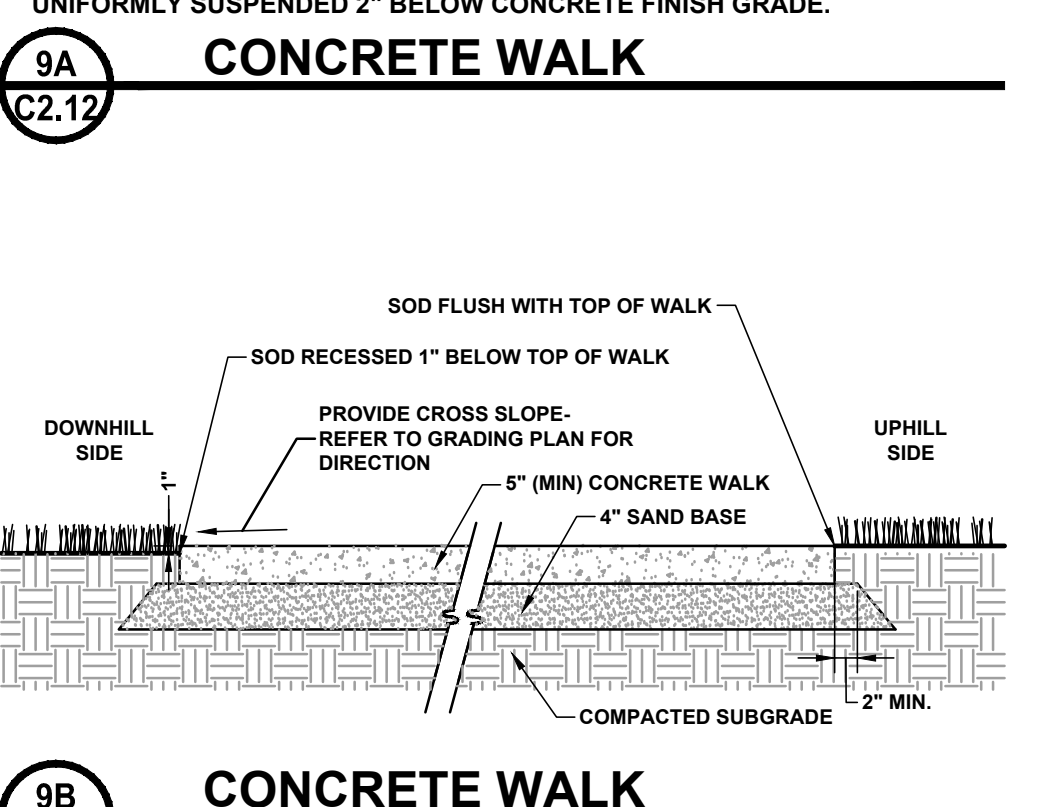
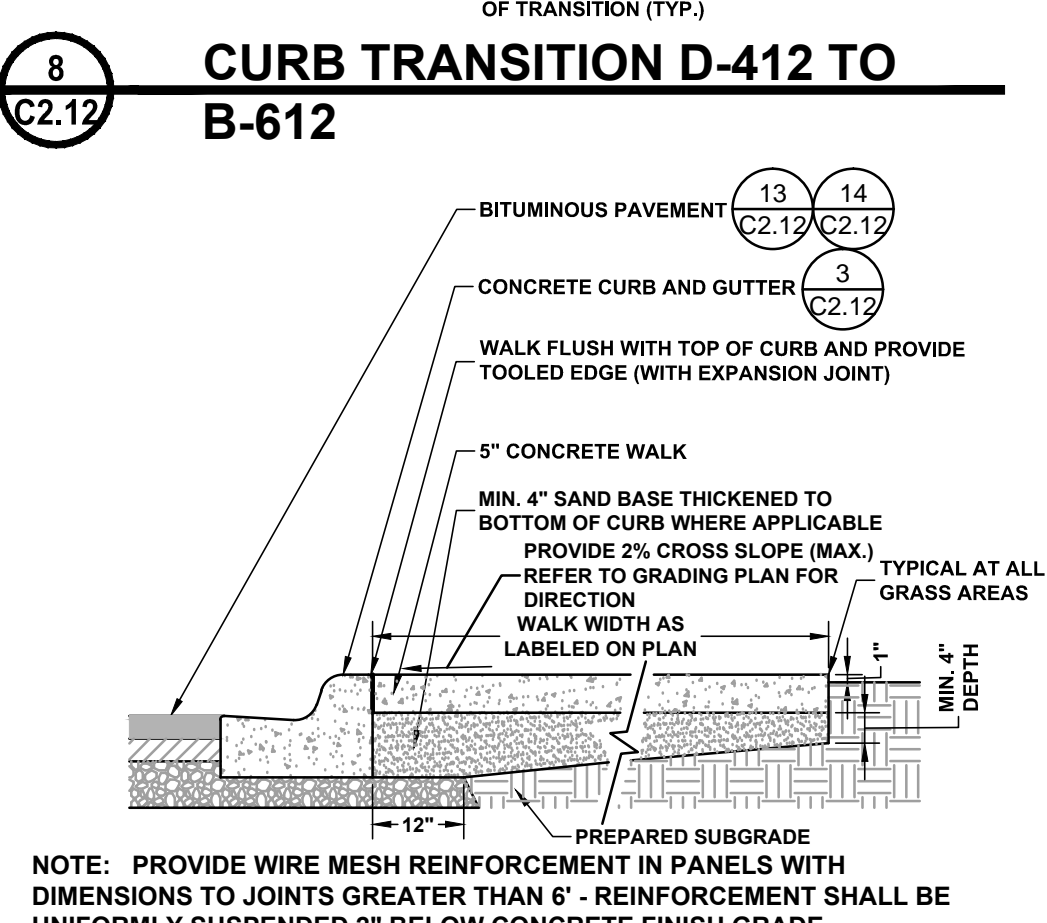
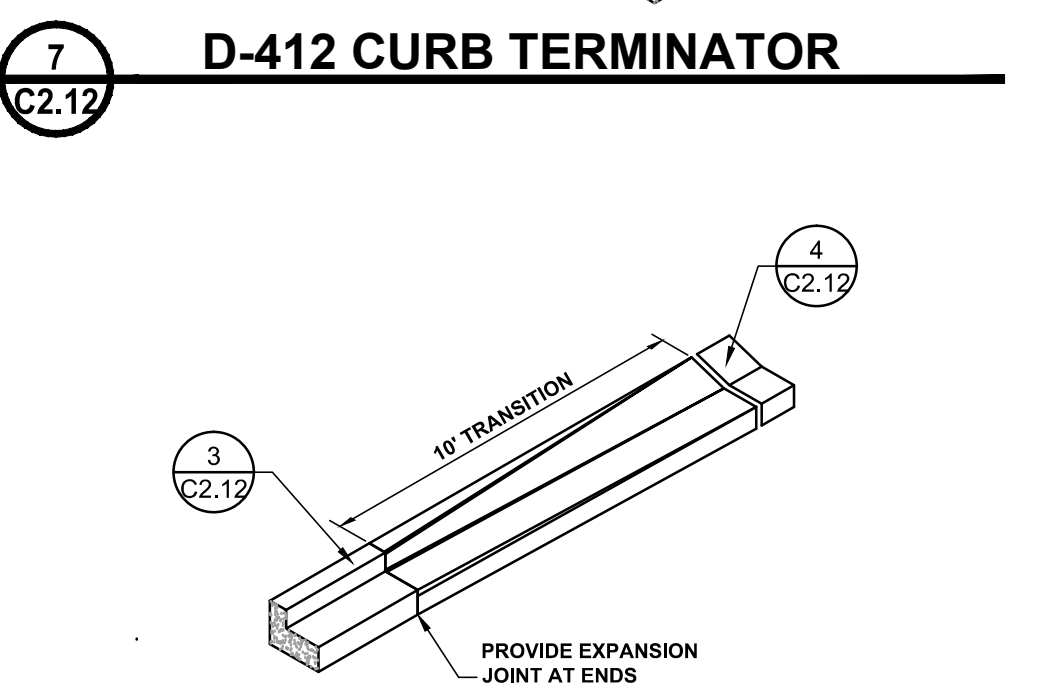
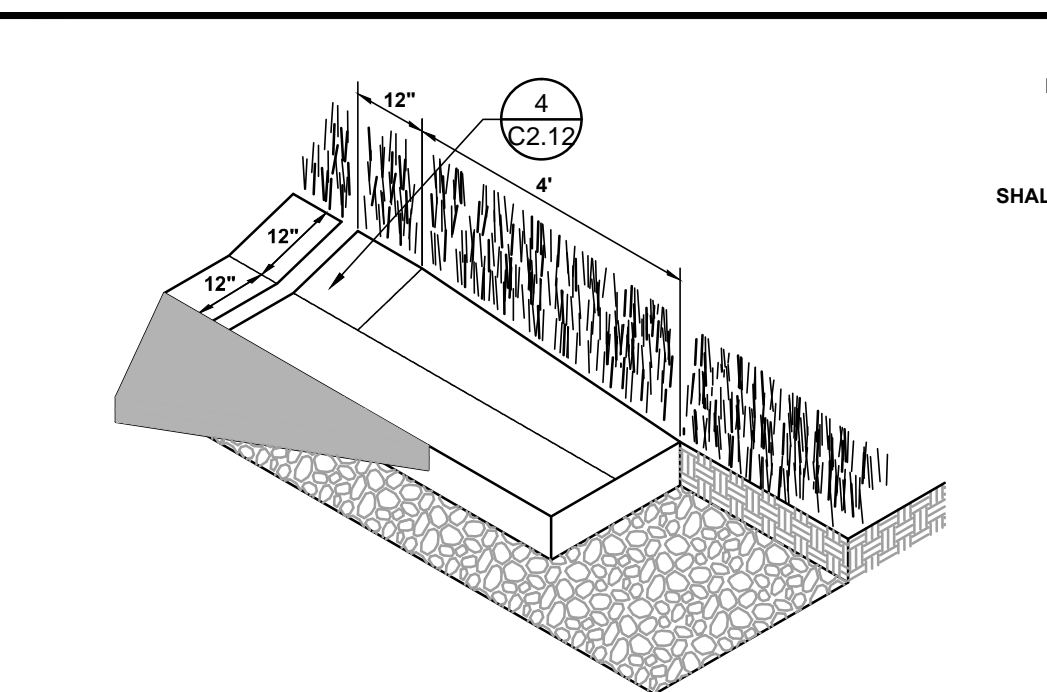
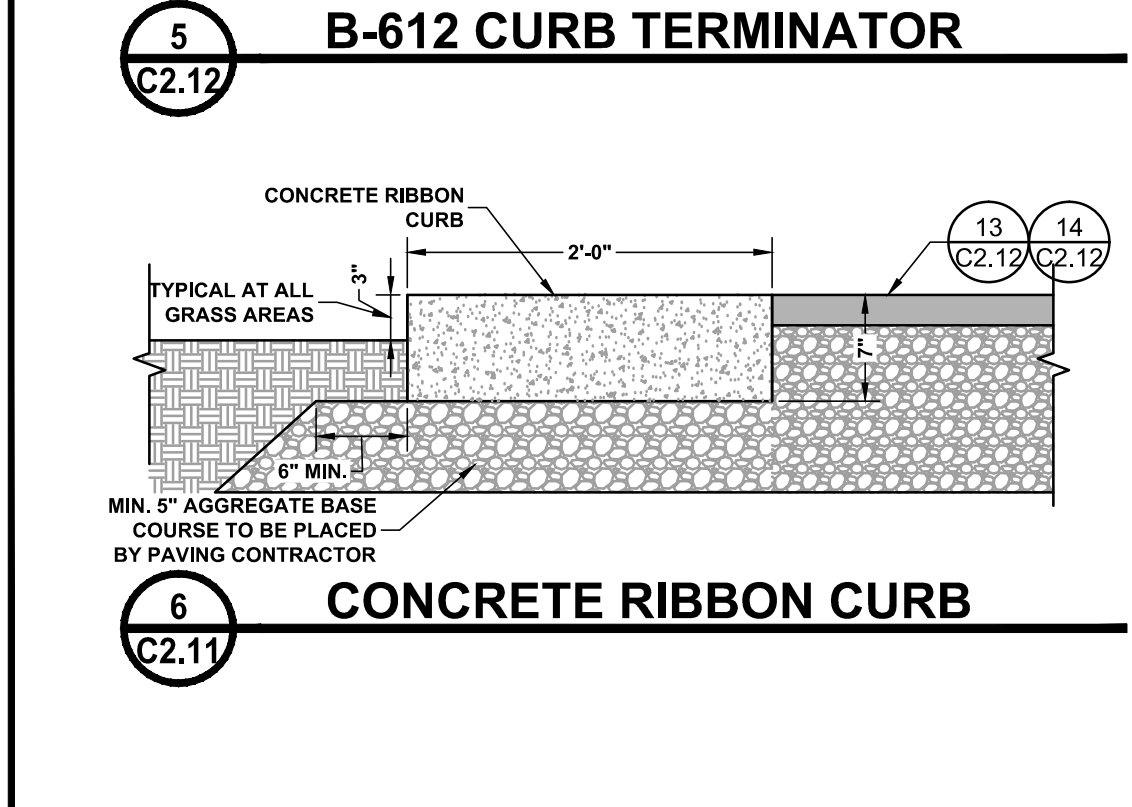
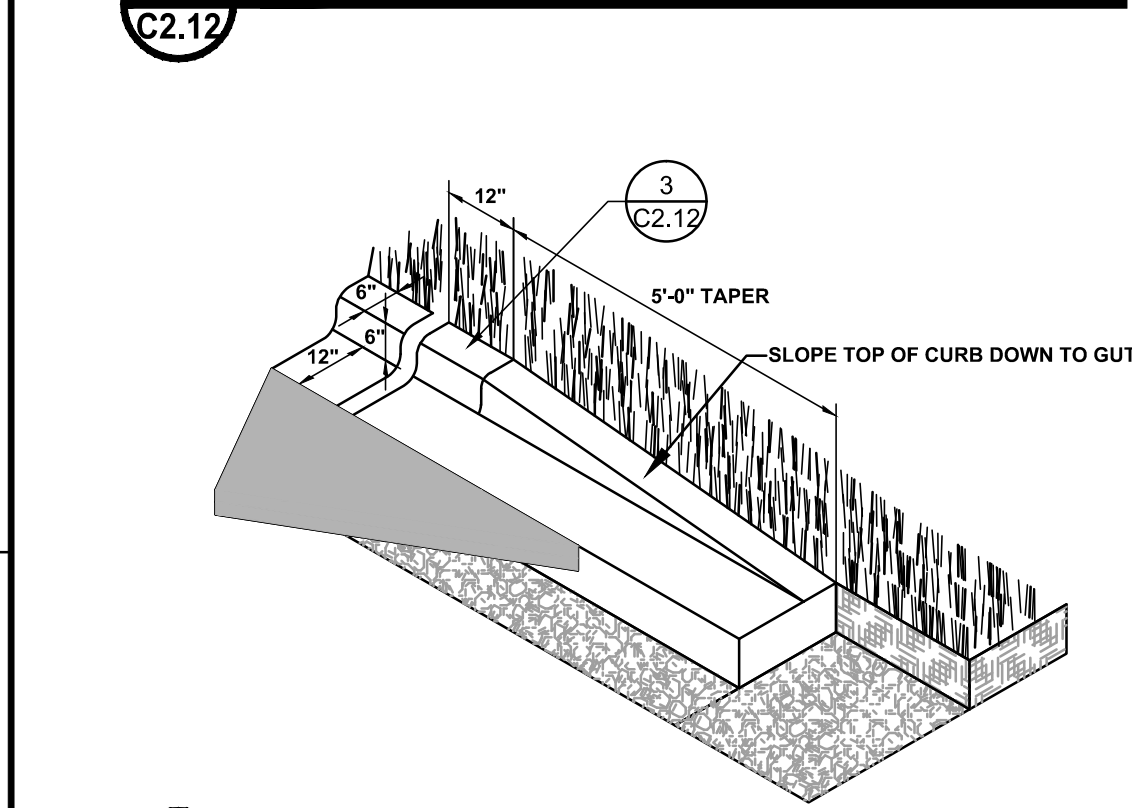
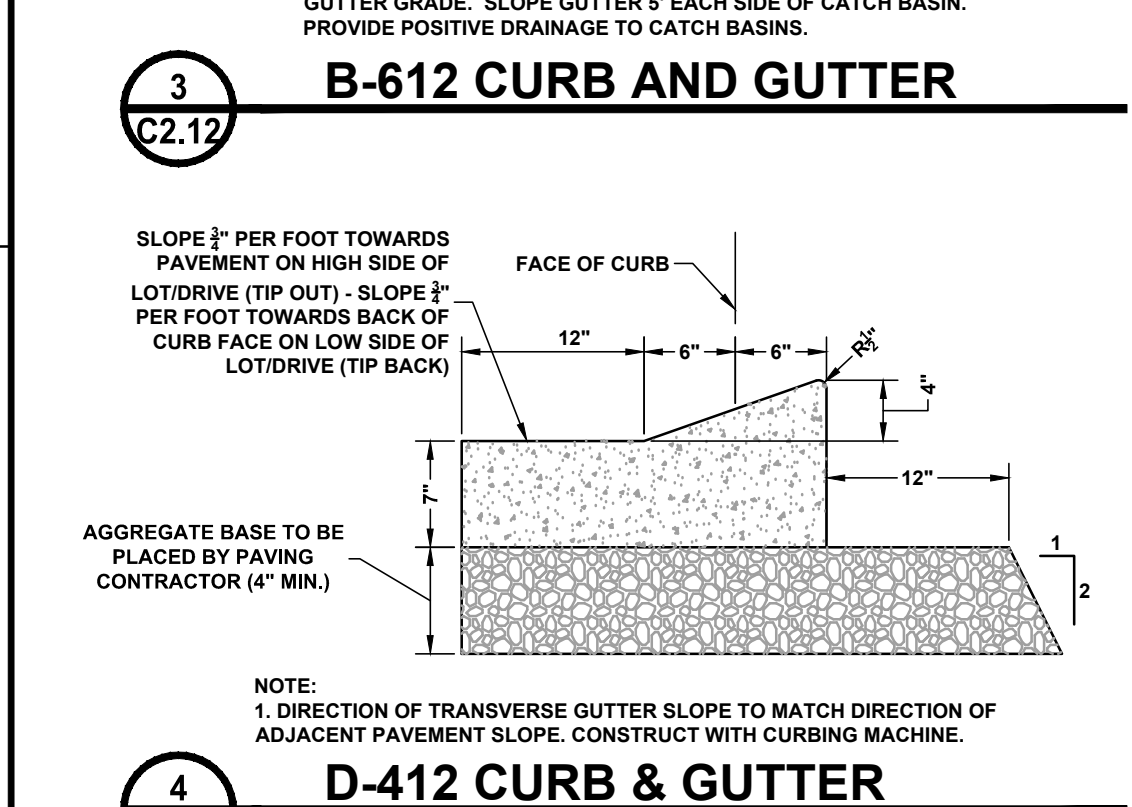
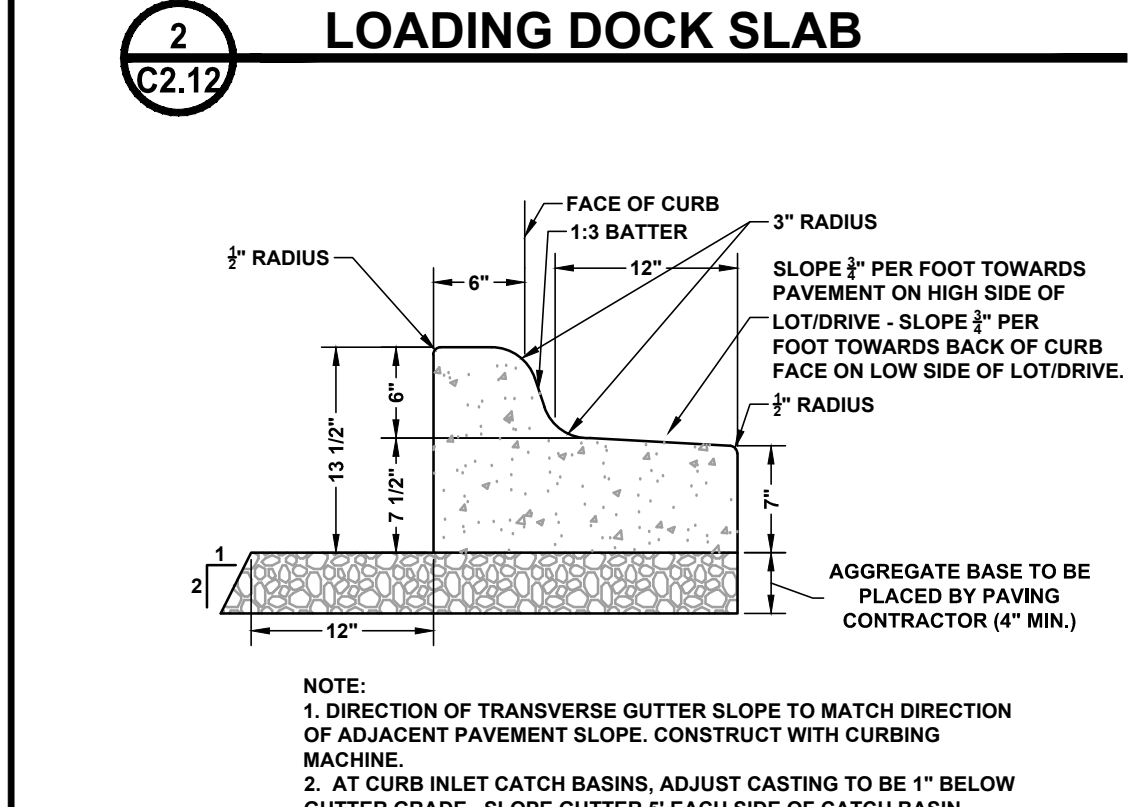
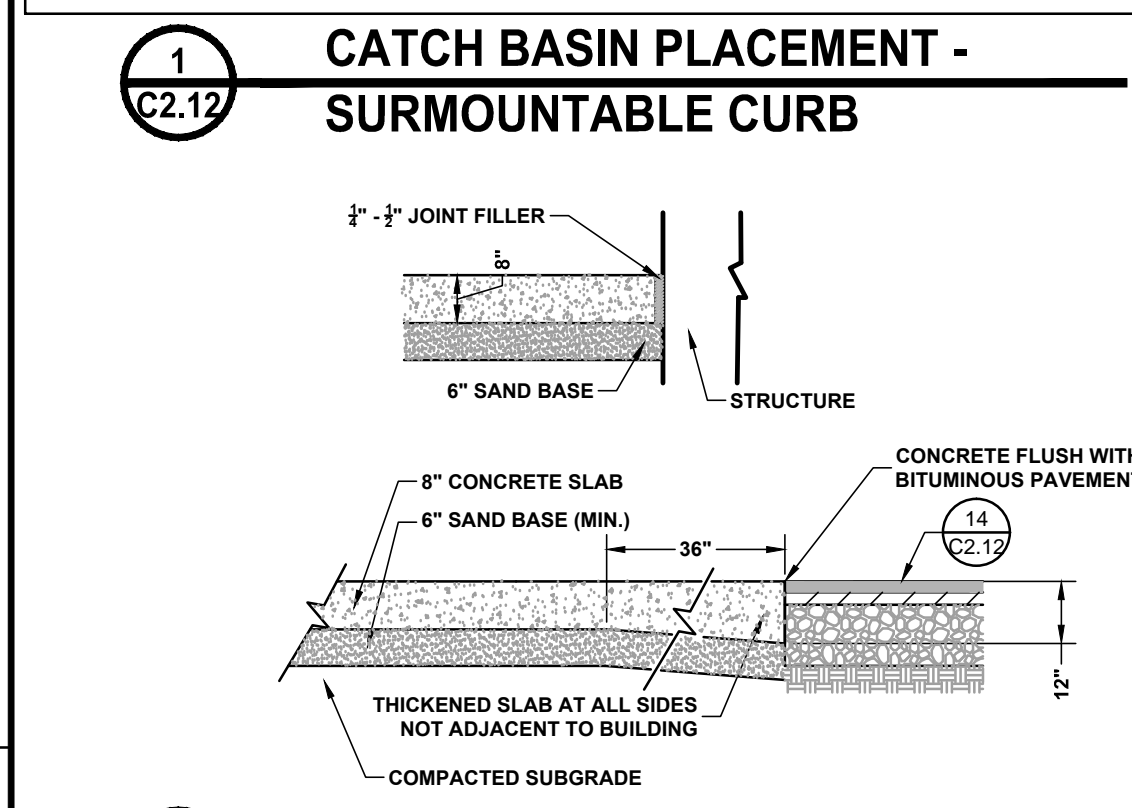
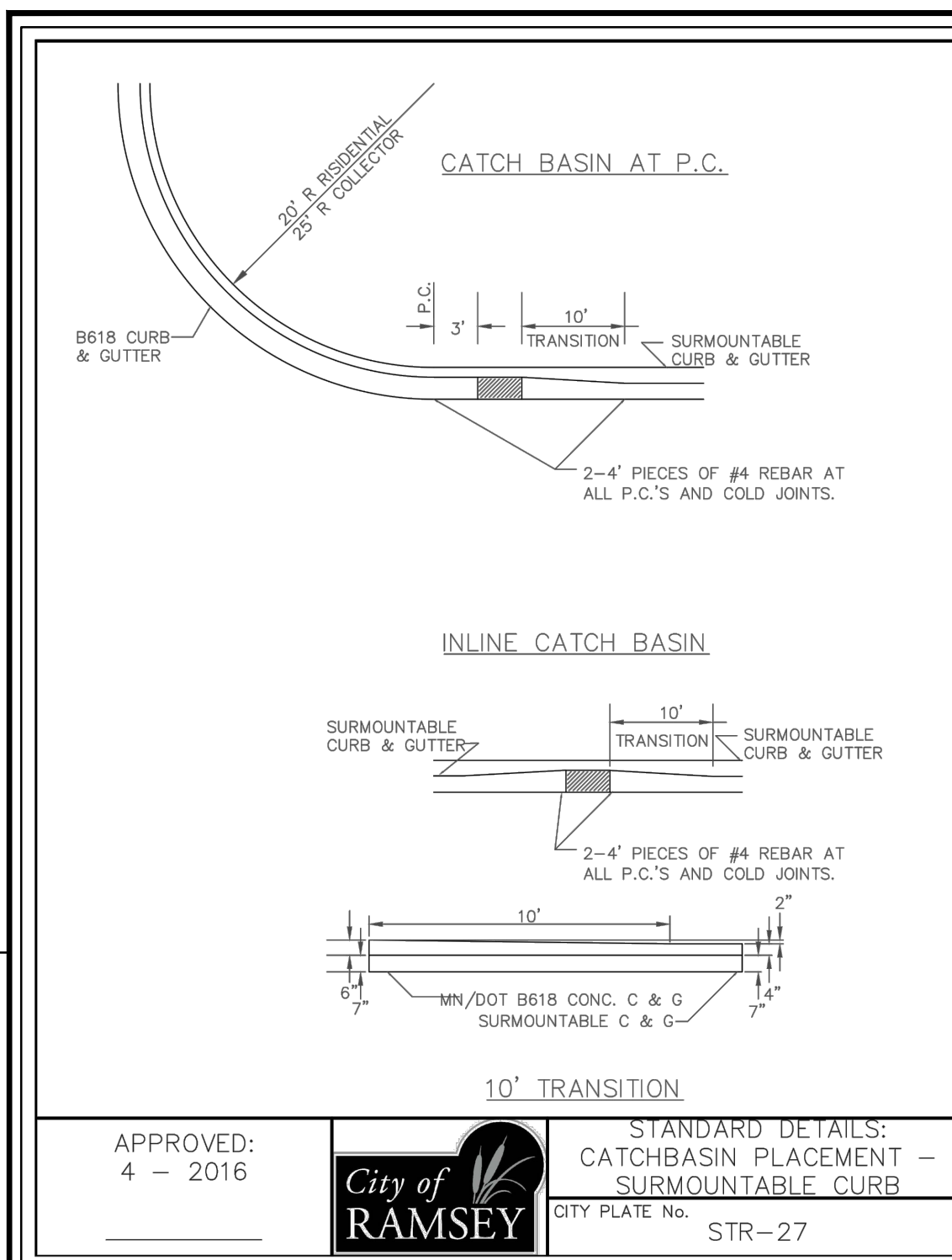
CONSULTANTS
ARMSTRONG TORSETH SKOLD & RYDEN INC.
ARMSTRONG TORSETH SKOLD & RYDEN INC.
ARMSTRONG TORSETH SKOLD & RYDEN INC.

NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA
ANOKA HENNING SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE: _____
TYPED OR PRINTED NAME: _____
DATE: _____
LICENSE NUMBER: _____
REVISIONS: _____
DRAWN BY: _____
CHECKED BY: _____
ISSUED FOR: _____
AGENCY REVIEW: _____
ISSUE DATE: 12/08/2017
SHEET NAME: _____
SITE DETAILS: _____
ATS&R PROJECT NO.: _____
IT119: _____
SHEET NUMBER: _____

C2.11



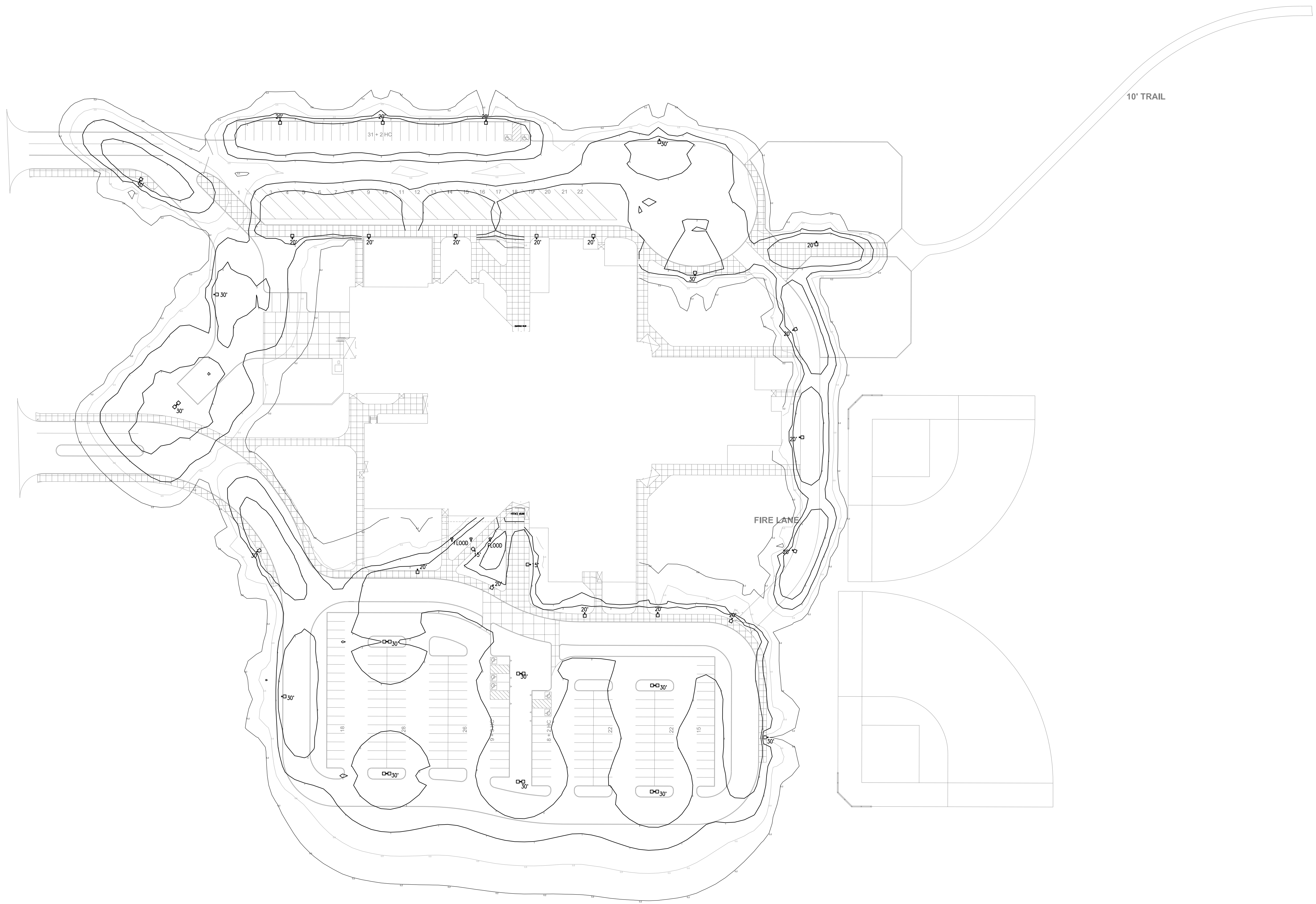
ATS&R
 ARMSTRONG TORSETH SCHILD & RYDEN INC.
 ARCHITECTURE PLANNING INTERIOR DESIGN
 ENGINEERING TECHNOLOGY LANDSCAPE ARCHITECTURE
 8501 GOLDEN VALLEY ROAD SUITE 300 MINNEAPOLIS, MN 55427
 TEL: 612.545.3731 FAX: 612.525.3289 WEB: www.atsr.com

ARMSTRONG TORSETH SCHILD & RYDEN INC.
 CONSULTANTS
 ANDERSON-JENSEN ASSOCIATES, P.C.
 LANDSCAPE ARCHITECTURE

NEW RAMSEY ELEMENTARY SCHOOL
 16961 NOWTHEN BLVD NW
 RAMSEY, MINNESOTA
 ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.
 SIGNATURE _____
 TYPED OR PRINTED NAME _____
 DATE _____
 LICENSE NUMBER _____
 REVISIONS

 CHECKED BY: JRP
 ISSUED FOR: AGENCY REVIEW
 ISSUE DATE: 12/08/2017
 SHEET NAME: SITE DETAILS
 SITE DETAILS
 ATS&R PROJECT NO.: 17119
 SHEET NUMBER: C2.12



1 ELECTRICAL SITE PLAN
 E1.1 1" = 50'-0"

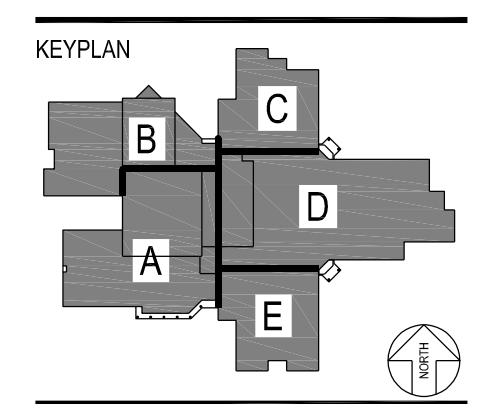
North Stat
 Illuminance (Fc)
 Average = 2.14
 Maximum = 7.5
 Minimum = 0.2
 Avg/Min Ratio = 10.70
 Max/Min Ratio = 37.50

South Stat
 Illuminance (Fc)
 Average = 2.51
 Maximum = 7.5
 Minimum = 0.7
 Avg/Min Ratio = 3.59
 Max/Min Ratio = 10.71

REVISIONS

**New Elementary School -
 Ramsey Site**
Anoka Hennepin Schools
 Anoka-Hennepin Schools, ISD No. 11
 2727N Ferry Street, Anoka MN 55303

SIGNATURE / SEAL



DRAWN BY
 RGE

CHECKED BY
 N ACHINA

ISSUED FOR
 CITY

SUBMITTAL

ISSUE DATE
 December 7, 2017

SHEET NAME
 ELECTRICAL
 SITE PLAN

ATS&R PROJECT NO.
 17018

REVISION NO.

SHEET NUMBER

E1.1

TREE CALCULATION

BUILDING FOOTPRINT = 90,400 SQ.FT. ±

SITE PERIMETER = 5,355 LINEAR FEET OF PROPERTY LINE

1. DECIDUOUS/ CONIFEROUS TREE REQUIREMENT:

1.1. SITE PERIMETER = 5,355 LINEAR FEET OF PROPERTY LINE / 50 LF = 108 DECIDUOUS/ CONIFEROUS TREES REQ'D

2. SHRUB REQUIREMENT:

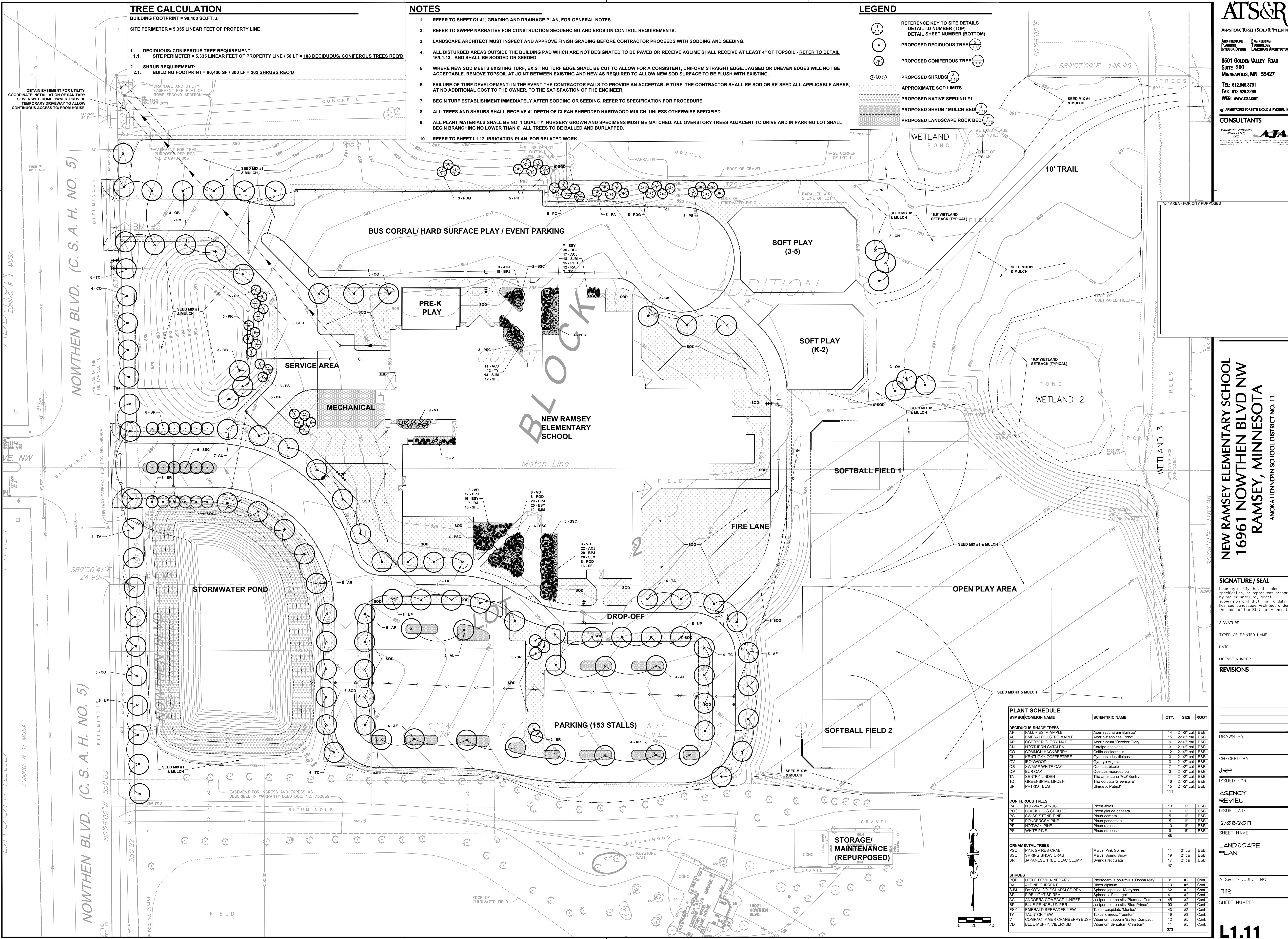
2.1. BUILDING FOOTPRINT = 90,400 SF / 300 LF = 302 SHRUBS REQ'D

NOTES

1. REFER TO SHEET C1.41, GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. REFER TO SWPPP NARRATIVE FOR CONSTRUCTION SEQUENCING AND EROSION CONTROL REQUIREMENTS.
3. LANDSCAPE ARCHITECT MUST INSPECT AND APPROVE FINISH GRADING BEFORE CONTRACTOR PROCEEDS WITH SODDING AND SEEDING.
4. ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD WHICH ARE NOT DESIGNATED TO BE PAVED OR RECEIVE AGLIME SHALL RECEIVE AT LEAST 4" OF TOPSOIL - REFER TO DETAIL 16L1.13 - AND SHALL BE SODDED OR SEEDDED.
5. WHERE NEW SOD MEETS EXISTING TURF, EXISTING TURF EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
6. FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SOD OR RE-SEED ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.
7. BEGIN TURF ESTABLISHMENT IMMEDIATELY AFTER SODDING OR SEEDING. REFER TO SPECIFICATION FOR PROCEDURE.
8. ALL TREES AND SHRUBS SHALL RECEIVE 4" DEPTH OF CLEAN SHREDDED HARDWOOD MULCH, UNLESS OTHERWISE SPECIFIED.
9. ALL PLANT MATERIALS SHALL BE NO. 1 QUALITY, NURSERY GROWN AND SPECIMENS MUST BE MATCHED. ALL OVERSTORY TREES ADJACENT TO DRIVE AND IN PARKING LOT SHALL BEGIN BRANCHING NO LOWER THAN 6'. ALL TREES TO BE BALLED AND BURLAPPED.
10. REFER TO SHEET L1.12, IRRIGATION PLAN, FOR RELATED WORK.

LEGEND

- 1. REFERENCE KEY TO SITE DETAILS
DETAIL ID NUMBER (TOP)
DETAIL SHEET NUMBER (BOTTOM)
- 2. PROPOSED DECIDUOUS TREE
- 3. PROPOSED CONIFEROUS TREE
- 4. PROPOSED SHRUBS
- 5. APPROXIMATE SOD LIMITS
- 6. PROPOSED NATIVE SEEDING #1
- 7. PROPOSED SHRUB / MULCH BED
- 8. PROPOSED LANDSCAPE ROCK BED



ATS&R
ARMSTRONG TORSETH SHOLD & RYDEN, INC.
ARCHITECTURE PLANNING INTERIOR DESIGN
ENGINEERING LANDSCAPE ARCHITECTURE
8501 GOLDEN VALLEY ROAD
SUITE 300
MINNEAPOLIS, MN 55427
TEL: 612.545.3731
FAX: 612.525.3289
WEB: www.atsr.com

CONSULTANTS
ANDERSON-JONSSON ASSOCIATES, P.C.
AIA
LANDSCAPE ARCHITECTURE

NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA
ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE
TYPED OR PRINTED NAME
DATE
LICENSE NUMBER

REVISIONS

DRAWN BY
CHECKED BY
ISSUED FOR

AGENCY REVIEW
ISSUE DATE
12/08/2017

SHEET NAME
LANDSCAPE PLAN

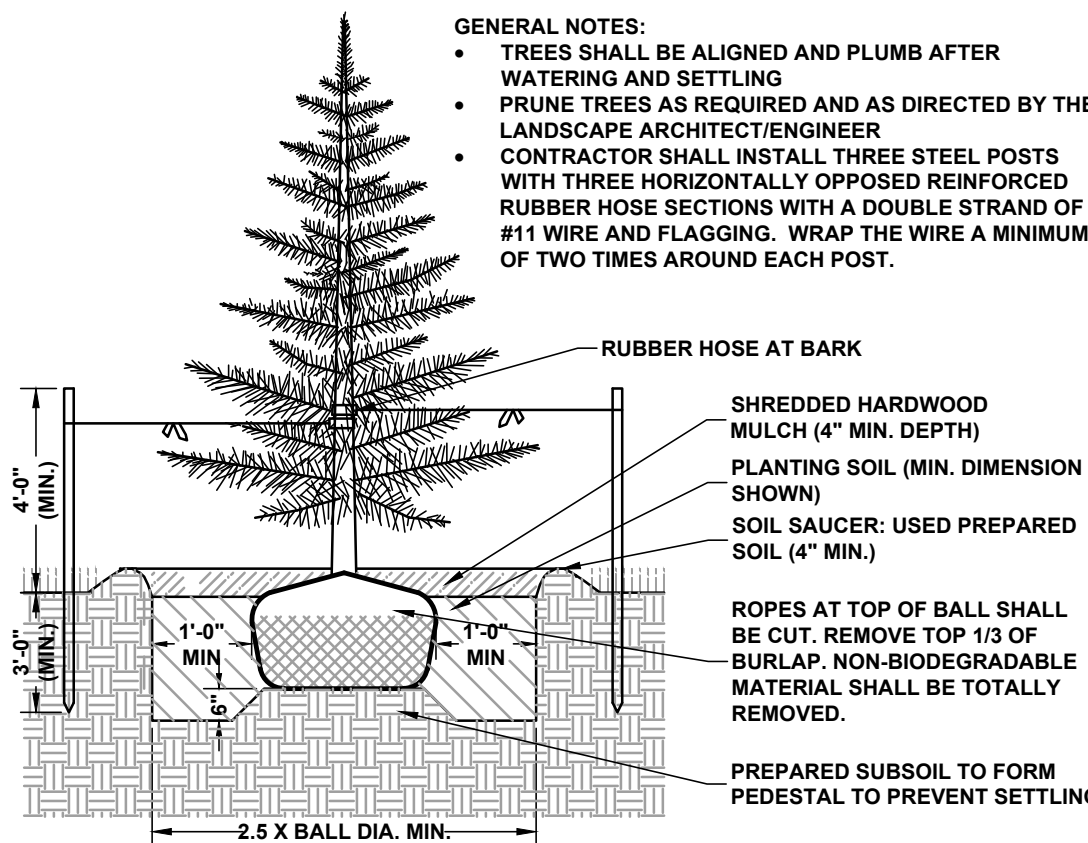
ATS&R PROJECT NO.
17119

SHEET NUMBER

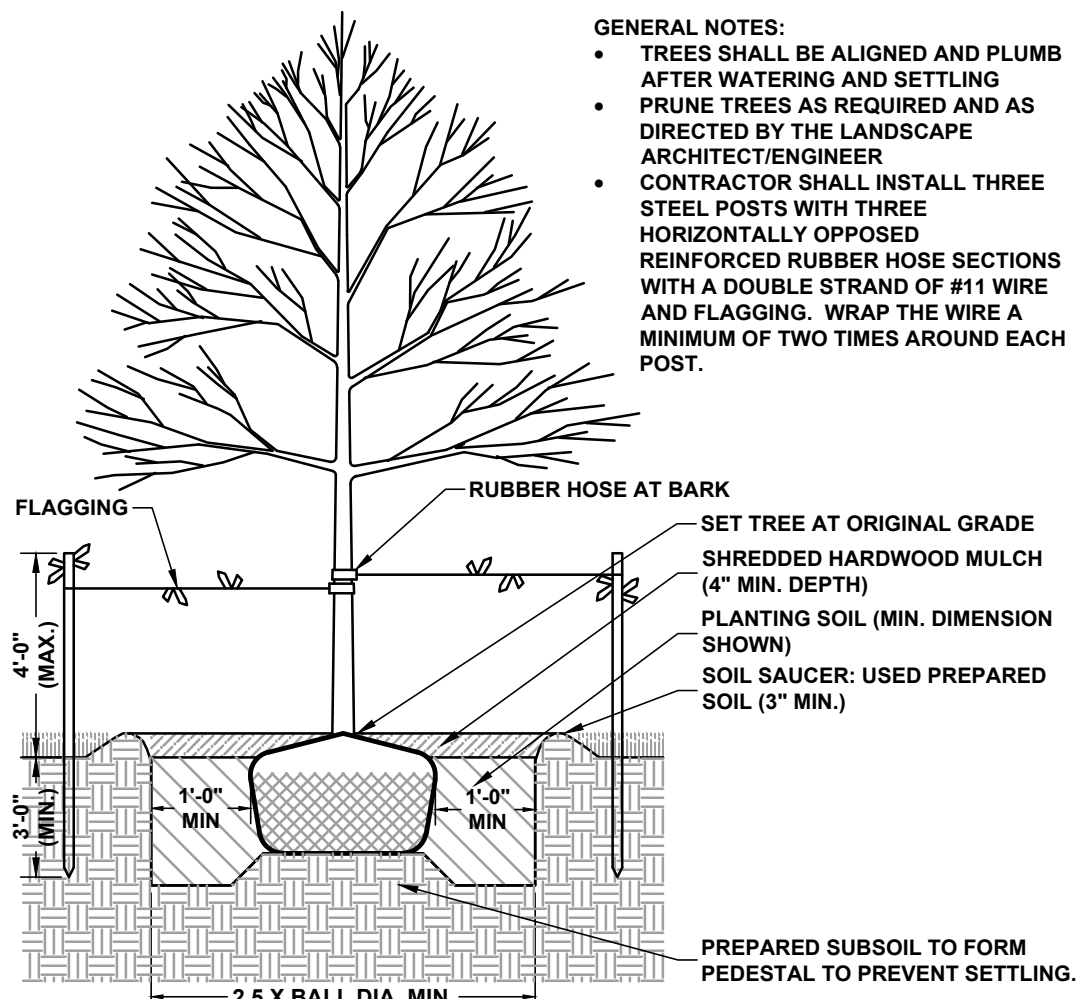
11.11

PLANT SCHEDULE

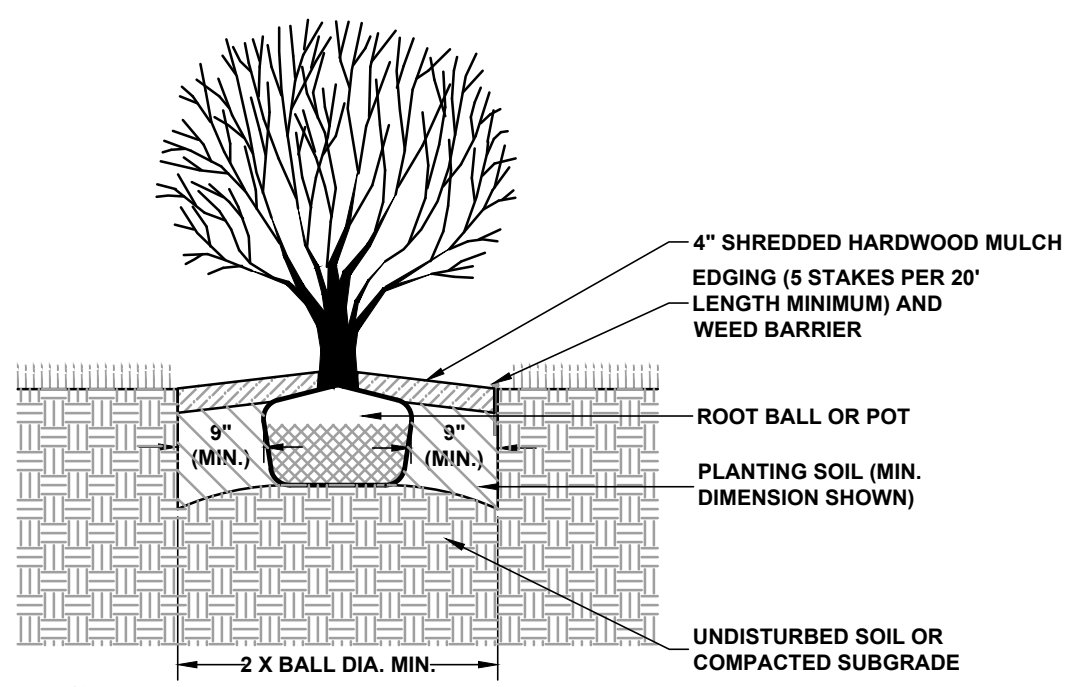
SYMBOL	COMMON NAME	SCIENTIFIC NAME	QTY.	SIZE	ROOT
DECIDUOUS SHADE TREES					
AF	FALL FESTIV MAPLE	Acer saccharum 'Ballista'	14	2-1/2" cal	B&B
AL	EMERALD LUSTRE MAPLE	Acer platanoides 'Pond'	15	2-1/2" cal	B&B
AR	OCTOBER GLORY MAPLE	Acer rubrum 'October Glory'	9	2-1/2" cal	B&B
CN	NORTHERN CALYPA	Catalpa speciosa	3	2-1/2" cal	B&B
CO	COMMON HACKBERRY	Celtis occidentalis	12	2-1/2" cal	B&B
CK	KENTUCKY COFFEE TREE	Gymnocladus dioica	3	2-1/2" cal	B&B
OV	IRONWOOD	Ostrya virginiana	3	2-1/2" cal	B&B
QB	SWAMP WHITE OAK	Quercus bicolor	7	2-1/2" cal	B&B
GM	BUR OAK	Quercus macrocarpa	3	2-1/2" cal	B&B
TA	SENTRY LINDEN	Tilia americana 'McSentry'	11	2-1/2" cal	B&B
TC	GREENSPIRE LINDEN	Tilia cordata 'Greenspire'	16	2-1/2" cal	B&B
UP	PATRIOT ELM	Ulmus X 'Patriot'	15	2-1/2" cal	B&B
			111		
CONIFEROUS TREES					
PA	NORWAY SPRUCE	Picea abies	10	6"	B&B
PDG	BLACK HILLS SPRUCE	Picea glauca densata	9	6"	B&B
PC	SWISS STONE PINE	Pinus cembra	5	6"	B&B
PR	PORPHYREA PINE	Pinus ponderosa	5	6"	B&B
PN	NORWAY PINE	Pinus resinosa	10	6"	B&B
PP	WHITE PINE	Pinus strobus	9	6"	B&B
			48		
ORNAMENTAL TREES					
PSC	PINK SPIRES CRAB	Malus 'Pink Spires'	11	2" cal	B&B
SSC	SPRING SNOW CRAB	Malus 'Spring Snow'	19	2" cal	B&B
SR	JAPANESE TREE LILAC CLUMP	Syringa reticulata	17	2" cal	B&B
			47		
SHRUBS					
PDG	LITTLE DEVIL NINEBARK	Physocarpus opulifolius 'Doma May'	31	#2	Cont.
RA	ALPINE CURRENT	Ribes alpinum	19	#5	Cont.
SJM	DAKOTA GOLDCHARM SPIREA	Spiraea japonica 'Wartmann'	62	#2	Cont.
SFL	FIRE LIGHT SPIREA	Spiraea x 'Fire Light'	41	#2	Cont.
ACJ	ANDORRA COMPACT JUNIPER	Juniper horizontalis 'Plumosa Compacta'	45	#2	Cont.
BPJ	BLUE PRINCE JUNIPER	Juniper horizontalis 'Blue Prince'	90	#2	Cont.
ESV	EMERALD SPREADER YEW	Taxus canadensis 'Morning'	43	#2	Cont.
TY	TAUNTON YEW	Taxus x media 'Taunton'	19	#3	Cont.
VT	COMPACT AMER CRANBERRYBUSH	Viburnum trilobum 'Bailey Compact'	12	#5	Cont.
VD	BLUE MUFFIN VIBURNUM	Viburnum dentatum 'Christom'	11	#5	Cont.
			373		



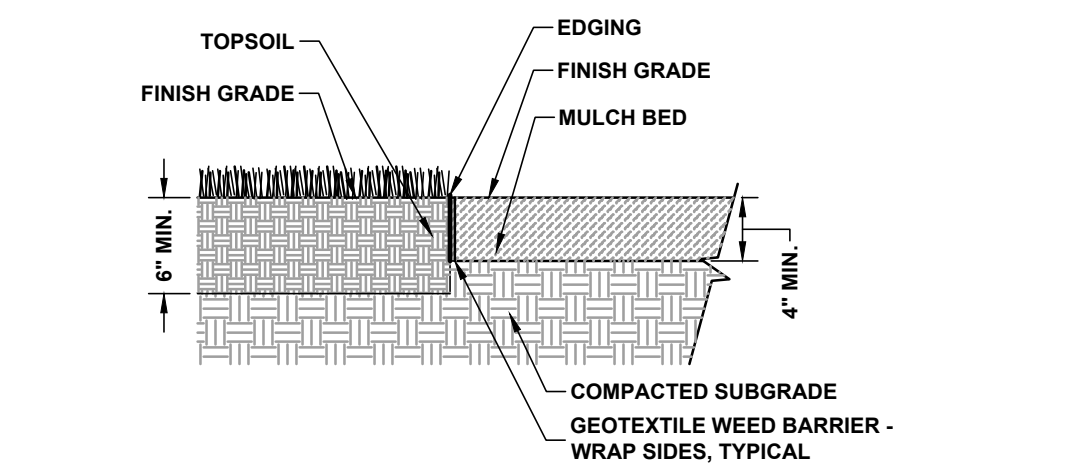
1 CONIFEROUS TREE
L.1.13



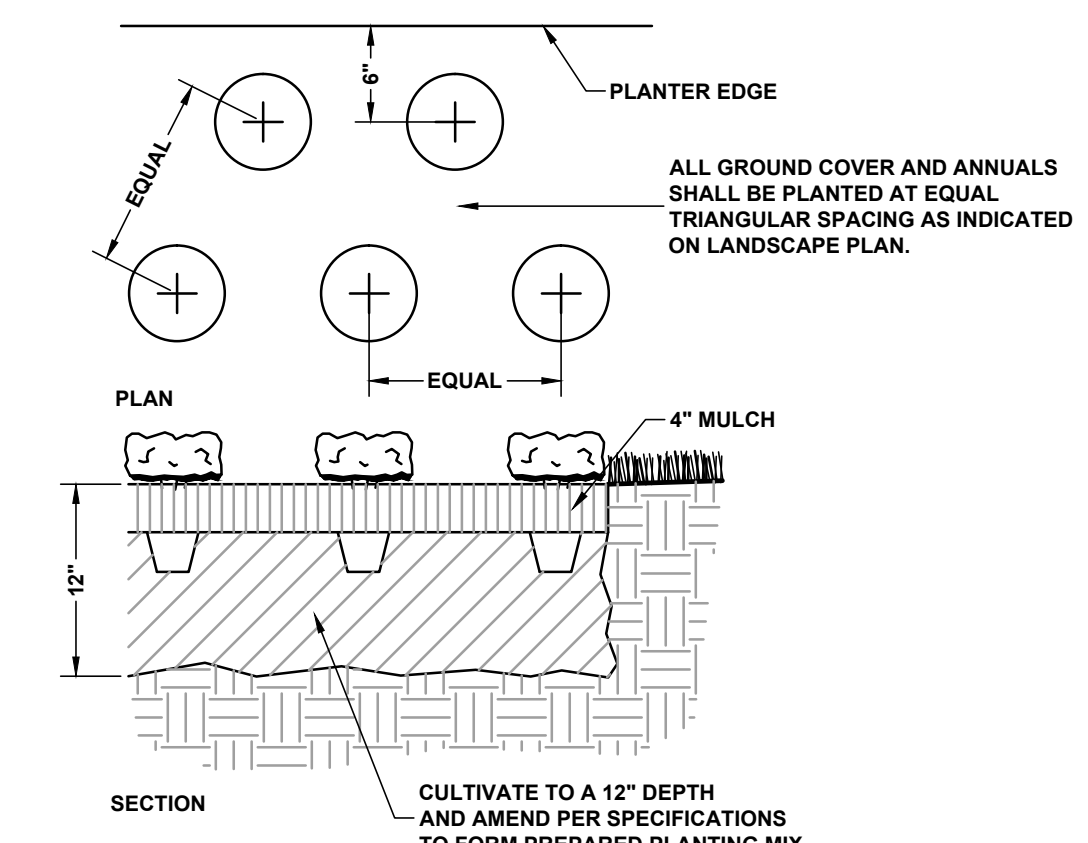
2 DECIDUOUS TREE
L.1.13



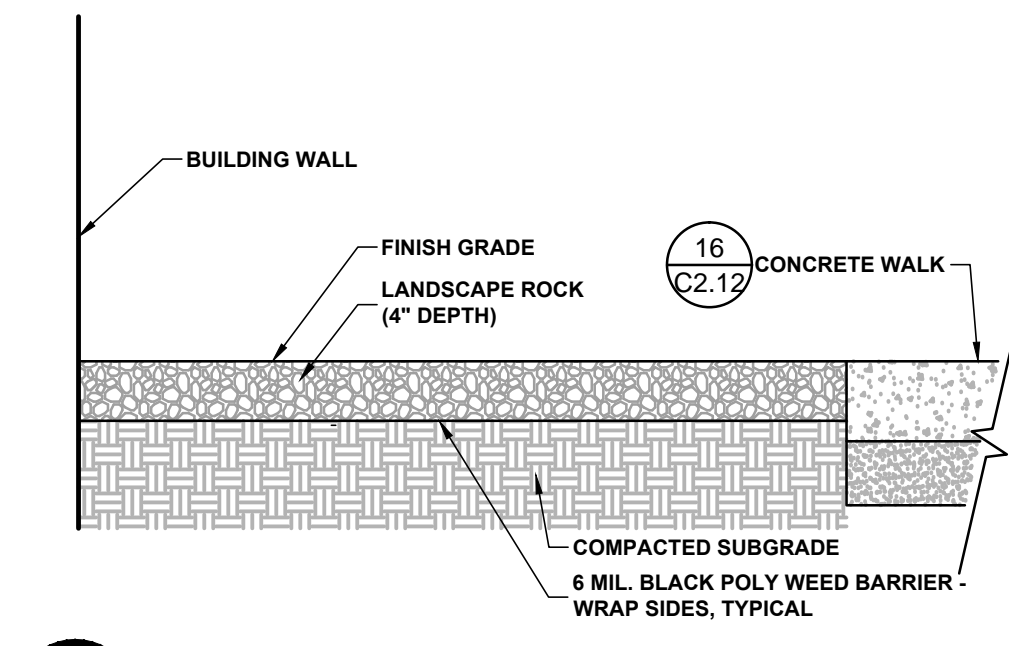
3 SHRUB
L.1.13



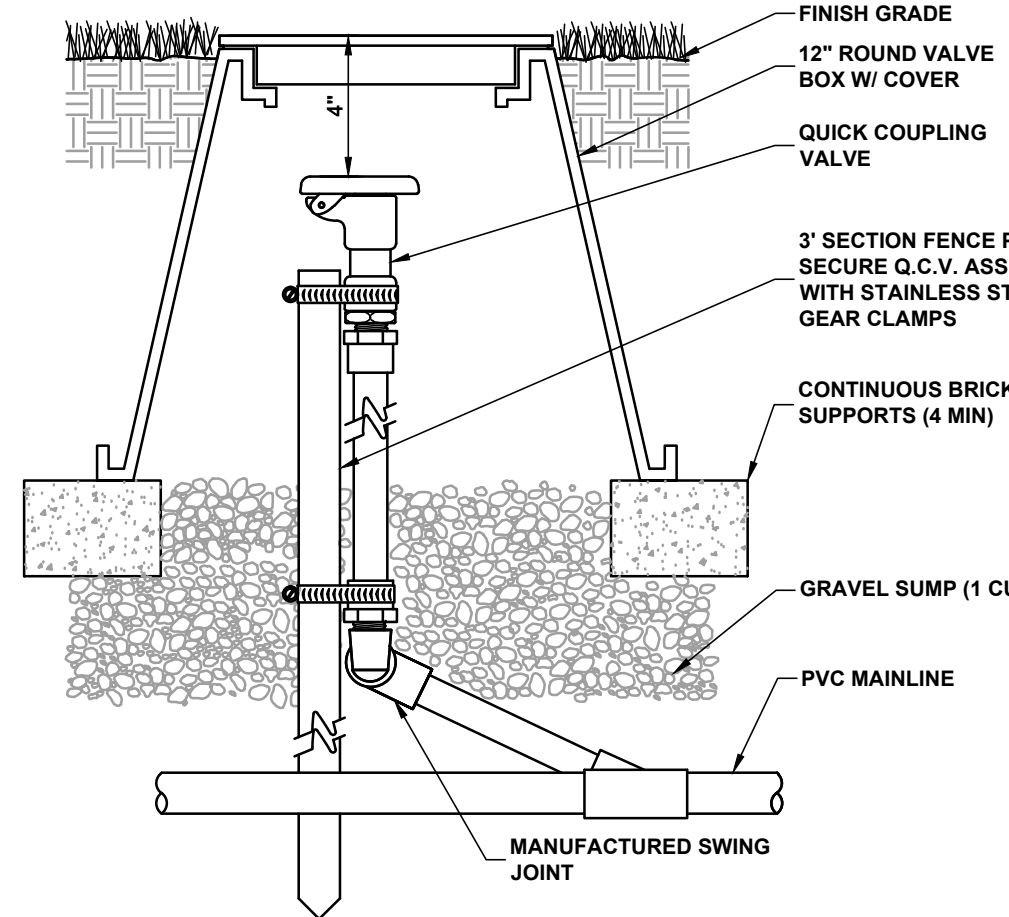
4 SHRUB BED EDGING
L.1.13



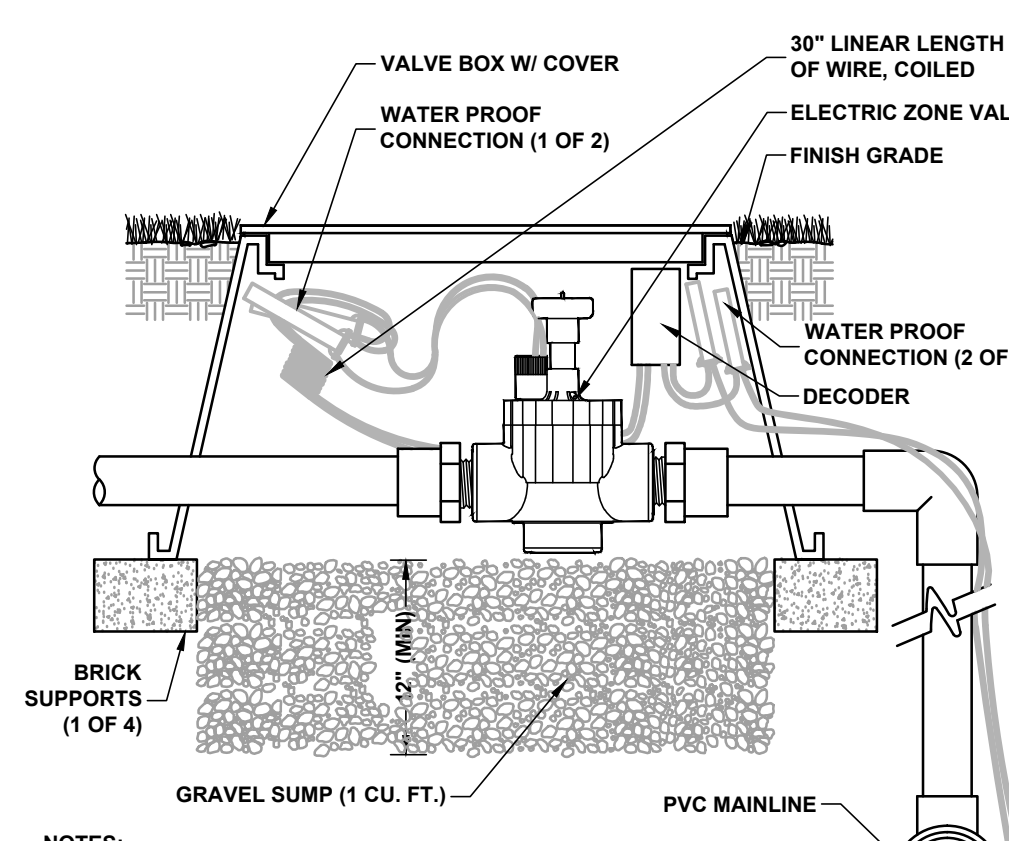
5 GROUND COVER AND PERENNIALS
L.1.13



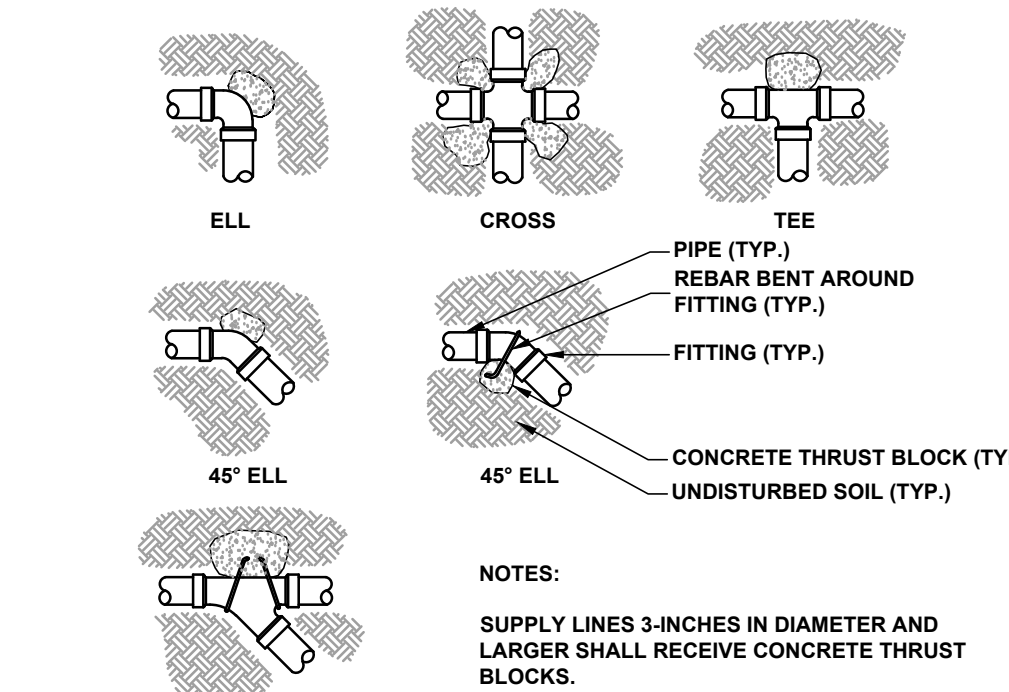
6 LANDSCAPE ROCK BED
L.1.13



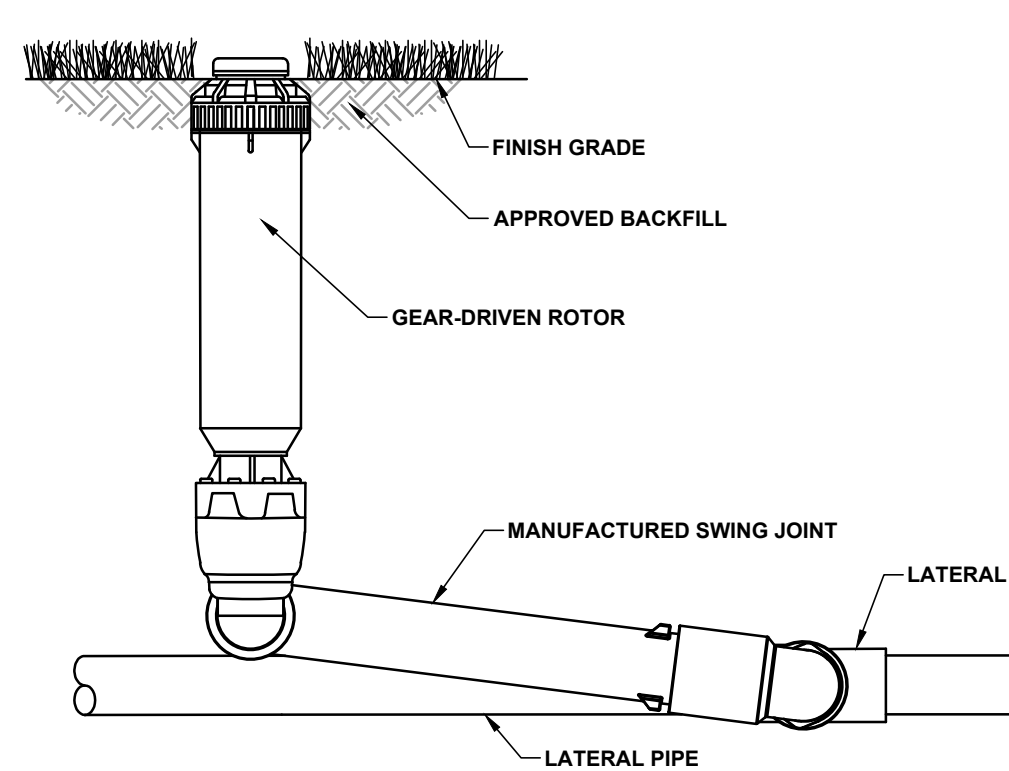
7 QUICK COUPLER
L.1.13



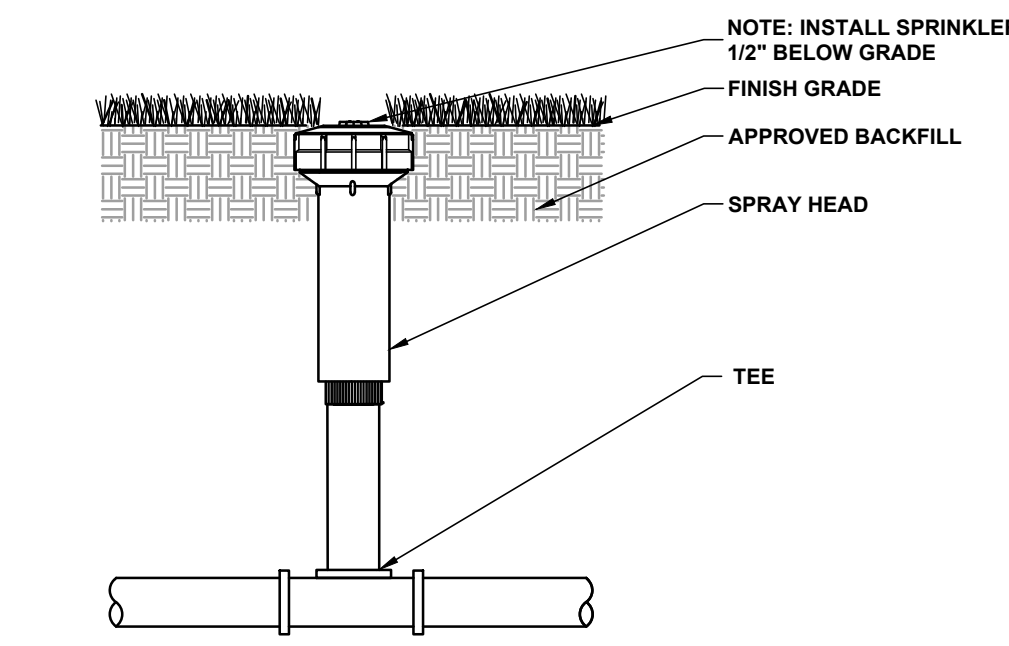
8 DECODER / VALVE BOX AND SUMP
L.1.13



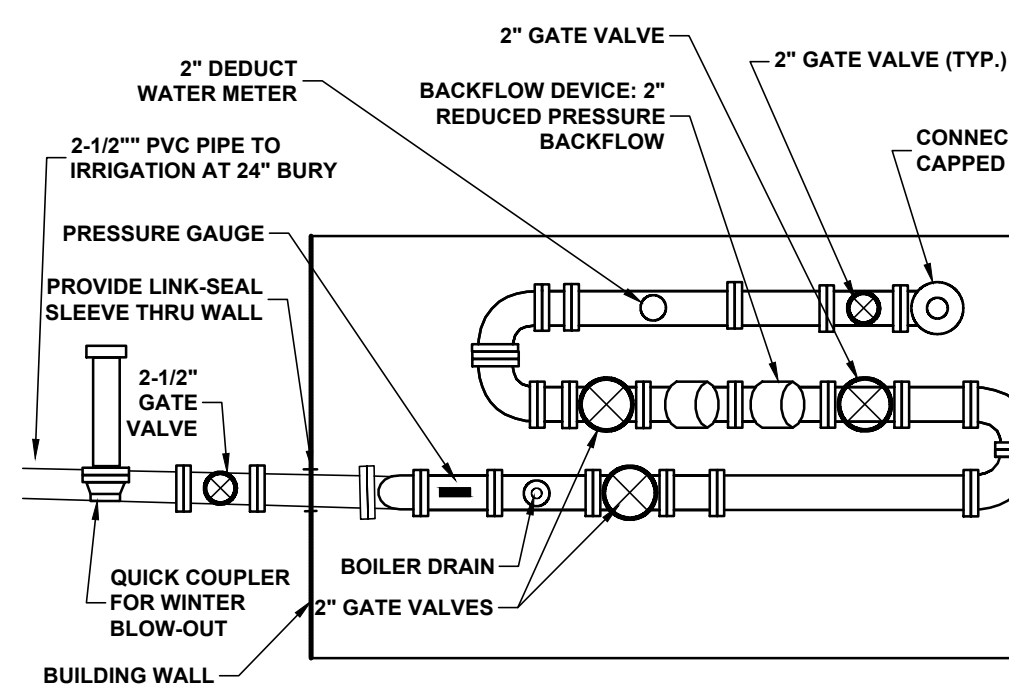
9 THRUST BLOCK (IRRIGATION LINES ONLY)
L.1.13



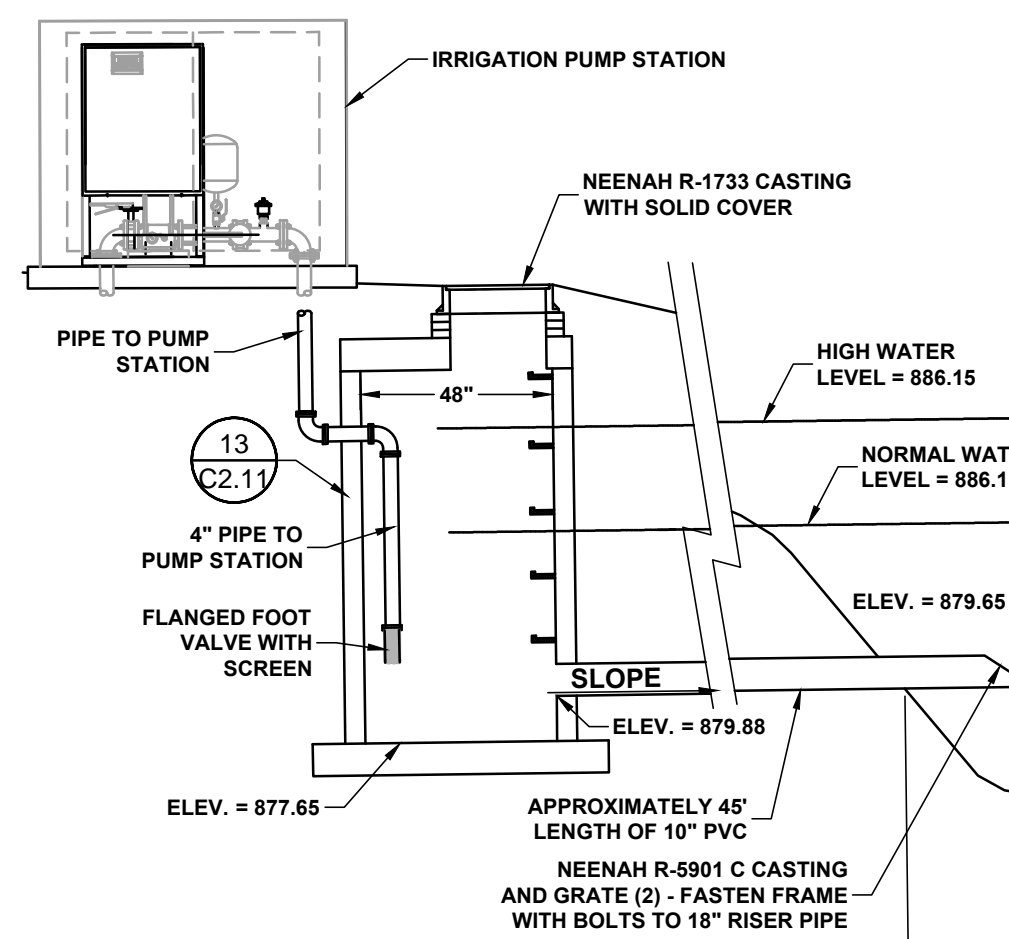
10 GEAR DRIVE SPRINKLER
L.1.13



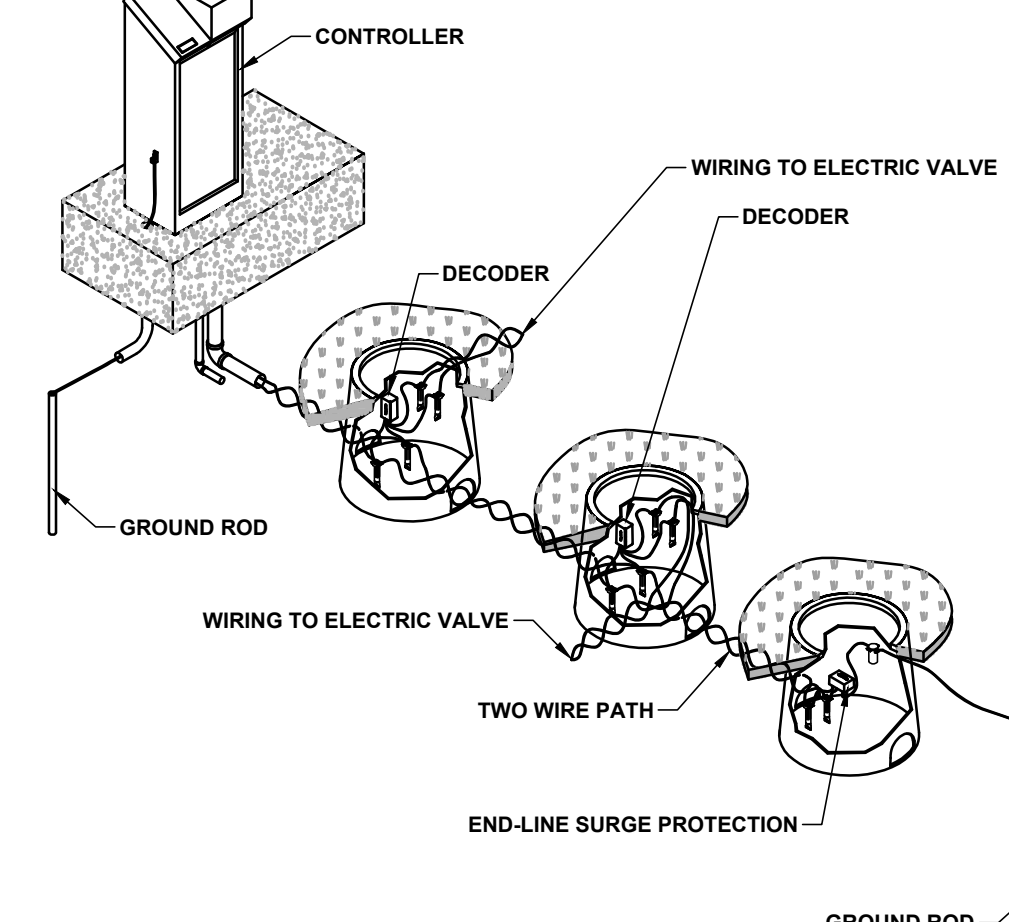
11 SPRAY HEAD SPRINKLER
L.1.13



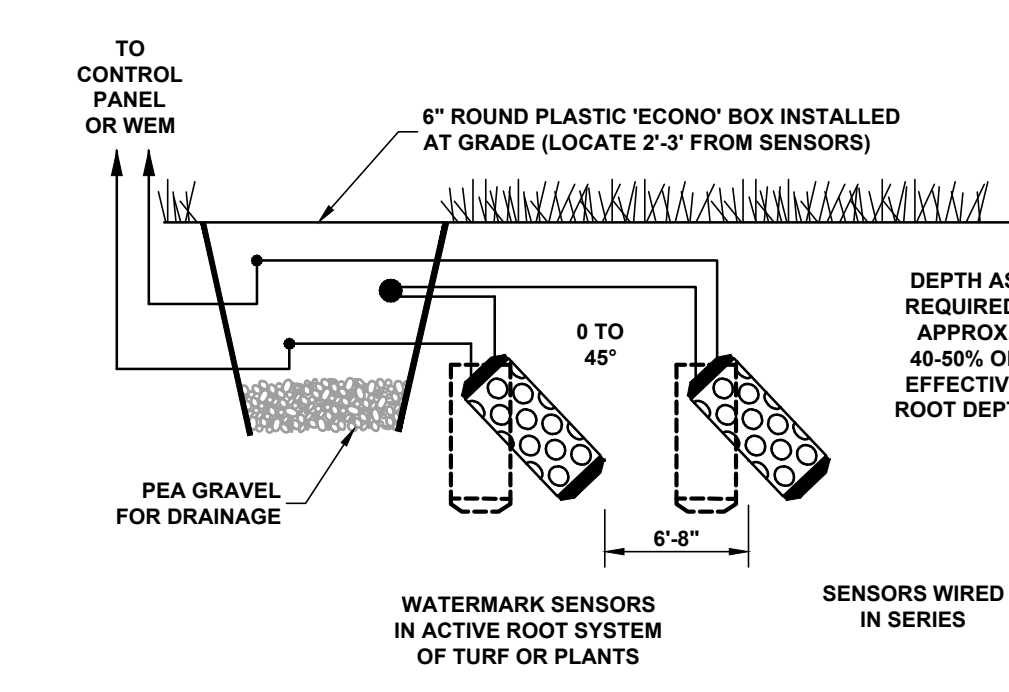
12 IRRIGATION SERVICE CONNECTION TO BUILDING
L.1.13



13 IRRIGATION WELL WELL (MANHOLE)/ INTAKE ASSEMBLY
L.1.13



14 IRRIGATION WIRING DIAGRAM
L.1.13



15 MOISTURE SENSOR
L.1.13

MNDOT 2016 SPEC

REQUIREMENT	RANGE	TEST METHOD
MATERIAL PASSING THE 3/4 IN [19MM]	100%	ASTM D 422
MATERIAL PASSING NO. 4 [4.75MM]	>85%	-
CLAY	5% - 35%	ASTM D 422
SILT	5% - 70%	ASTM D 422
SAND	10% - 75%	ASTM D 422
ORGANIC MATTER	3% - 15%	ASTM D 2974
pH	6.1 - 7.8	ASTM G 51

NOTE:
1. INSTALLATION OF 4" OF TOPSOIL MEETING MNDOT SPECIFICATION 3877A COMMON TOPSOIL BORROW, MAY BE REQUIRED ACROSS ALL DISTURBED AREAS.
2. A SOIL CERTIFICATION FROM A GEOTECHNICAL FIRM MUST BE PROVIDED VERIFYING THE TOPSOIL MEETS SPECIFICATION ALONG WITH LOAD TICKETS TO VERIFY THE SOURCE OF MATERIAL AND QUANTITY.
3. TOPSOIL MUST COME FROM A CITY APPROVED SOURCE.

APPROVED: 1 - 2016
CITY OF RAMSEY
CITY PLATE No. ERO-6
STANDARD DETAILS: TOPSOIL REQUIREMENTS

16 TOPSOIL REQUIREMENTS
L.1.13

**TABLE A
MODIFIED CLASS 5
SPECIFICATIONS**

% PASSING

1"	100
3/4"	90 - 100
3/8"	50 - 80
No.4	35 - 70
No.10	20 - 60
No.40	10 - 35
No.200	5 - 10

NOTES:
1. THE AGGREGATE BASE CONSTRUCTION WILL BE ACCEPTED FOR PAYMENT IN ACCORDANCE WITH THE PROVISIONS IN TABLE A.
2. IF THE AGGREGATE BASE FAILS TO MEET THE REQUIREMENTS OF TABLE A, THE MATERIAL CAN BE CORRECTED IN PLACE OR REMOVED AND REPLACED WITH MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE A.
3. IN THE EVENT THAT RECYCLED MATERIAL IS USED IT MUST MEET MNDOT REQUIREMENTS FOR RECYCLED BASE.

APPROVED: 2 - 2003
CITY OF RAMSEY
CITY PLATE No. STR-26
STANDARD DETAILS: MODIFIED CLASS 5 SPECIFICATIONS

17 MODIFIED CLASS 5 SPECIFICATIONS
L.1.13

NEW RAMSEY ELEMENTARY SCHOOL
16961 NOWTHEN BLVD NW
RAMSEY, MINNESOTA
ANOKA HENNEPIN SCHOOL DISTRICT NO. 11

SIGNATURE / SEAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.

SIGNATURE _____

TYPED OR PRINTED NAME _____

DATE _____

LICENSE NUMBER _____

REVISIONS

DRAWN BY _____

CHECKED BY _____

JRP

ISSUED FOR _____

AGENCY REVIEW _____

REVIEW _____

ISSUE DATE _____

12/08/2017

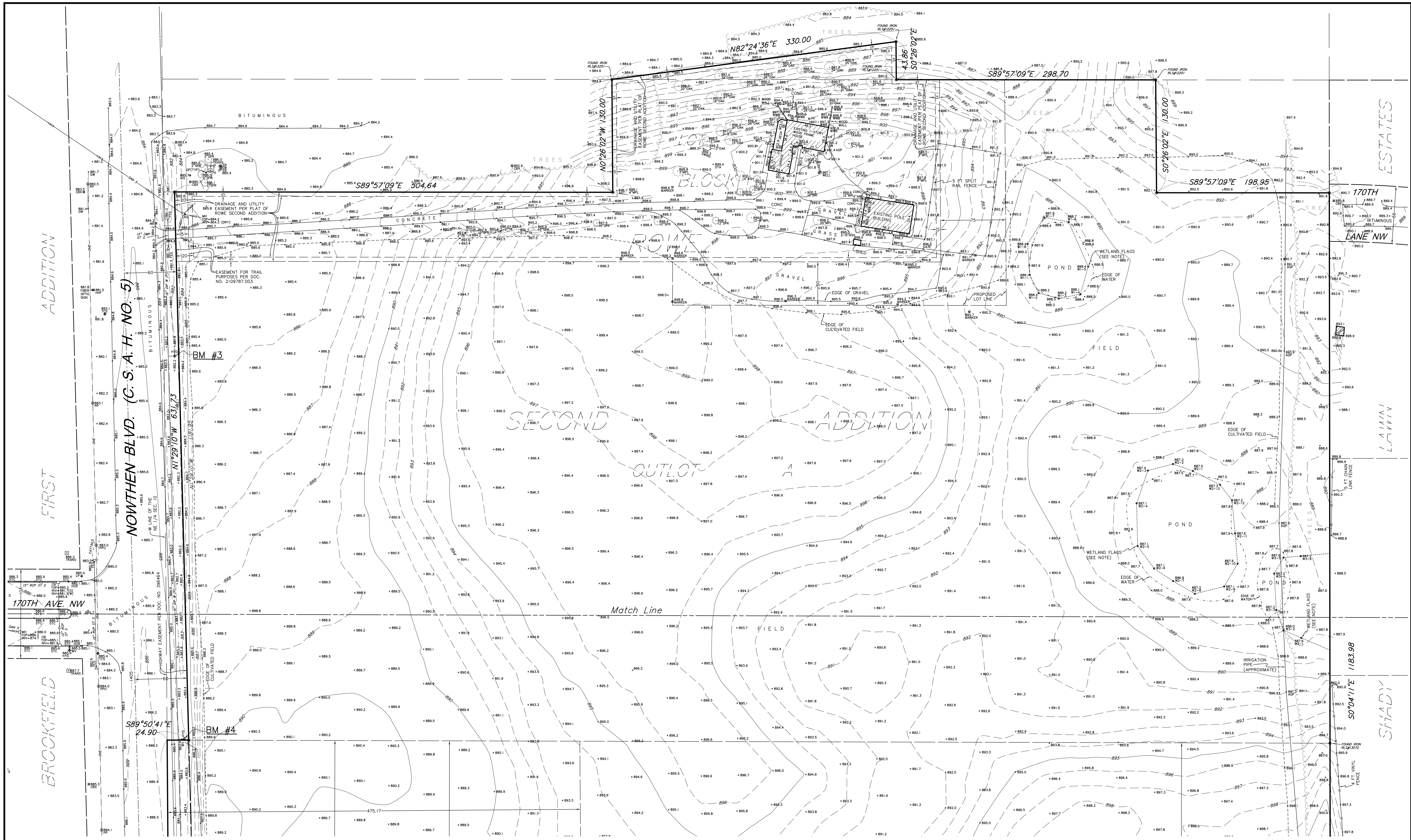
SHEET NAME _____

DETAILS _____

ATS&R PROJECT NO. _____

17113

SHEET NUMBER _____



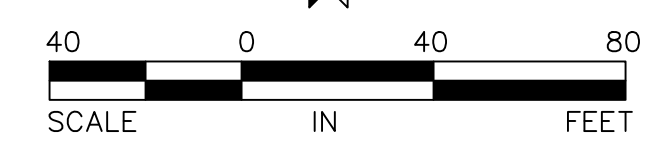
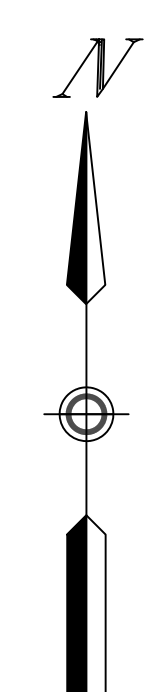
LEGEND

- Denotes iron monument set marked with P.L.S. No. 44900
- Denotes found iron monument marked with P.L.S. No. 18420, unless otherwise noted.
- AC Denotes air conditioner
- AGP Denotes above ground pipe(s)
- AIS Denotes advertisement/information sign
- BE Denotes building entrance
- BH Denotes beehive catch basin
- CB Denotes catch basin
- CBOX Denotes control box
- CBX Denotes communication box
- CMP Denotes corrugated metal pipe
- COL Denotes building column
- CONC Denotes concrete
- DBL Denotes decorative brick pavers
- DIP Denotes ductile iron pipe
- EB Denotes electric box
- EM Denotes electric meter
- FES Denotes floed end section
- GM Denotes gas meter
- GP Denotes guard post
- GW Denotes guy wire
- HH Denotes hand hole
- HHF Denotes fiber optic hand hole
- HYD Denotes fire hydrant
- KWB Denotes keystone wall base
- LA Denotes landscaping
- LP Denotes light pole
- MB Denotes mailbox
- MH Denotes manhole
- OD Denotes overhead door
- OHE Denotes overhead electric line
- (P) Denotes per plan
- PP Denotes power pole
- PPU Denotes power pole with underground utility
- RCP Denotes reinforced concrete pipe
- RD Denotes roof drain
- SAN S Denotes sanitary sewer
- SPG Denotes water spigot
- STC Denotes top of surmountable curb
- ST S Denotes storm sewer
- TCS Denotes traffic control sign
- TRANS Denotes transformer
- UGCC Denotes underground communication line
- UGEL Denotes underground electric line
- W Denotes water line
- WST Denotes wood steps
- WV Denotes water valve
- WWB Denotes wood wall base
- ARB Denotes Arborvitae
- BIR Denotes Birch tree
- CRAB Denotes Crabapple tree
- MPL Denotes Maple tree
- PNR Denotes Red Pine tree
- SHB Denotes shrub
- SPR Denotes Spruce tree
- TR Denotes deciduous tree

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

Dated this 17th day of March, 2017

SUNDE AND SURVEYING, LLC.
 By: *Hele J. Colson*
 Arlee J. Carlson, P.L.S. Minn. Lic. No. 44900



SEE SHEET 2 FOR PROPERTY DESCRIPTION AND NOTES

Revision	By	Date

Drawing Title:
**BOUNDARY, LOCATION, TOPOGRAPHIC AND UTILITY SURVEY FOR:
 ANOKA-HENNEPIN PUBLIC SCHOOL DISTRICT
 RAMSEY SCHOOL SITE**

SUNDE
 LAND SURVEYING
 www.sunde.com

9001 East Bloomington Freeway (15W) • Suite 118
 Bloomington, Minnesota 55420-3435
 952-881-2455 (Fax: 952-881-9526)
 Branch Office:
 Cloquet, Minnesota 218-499-8267

Project: 2017-040 Date: 3/17/2017
 Township: 32 Range: 25 Section: 10
 File: 2017040201.dwg Sheet: 1 of 2

