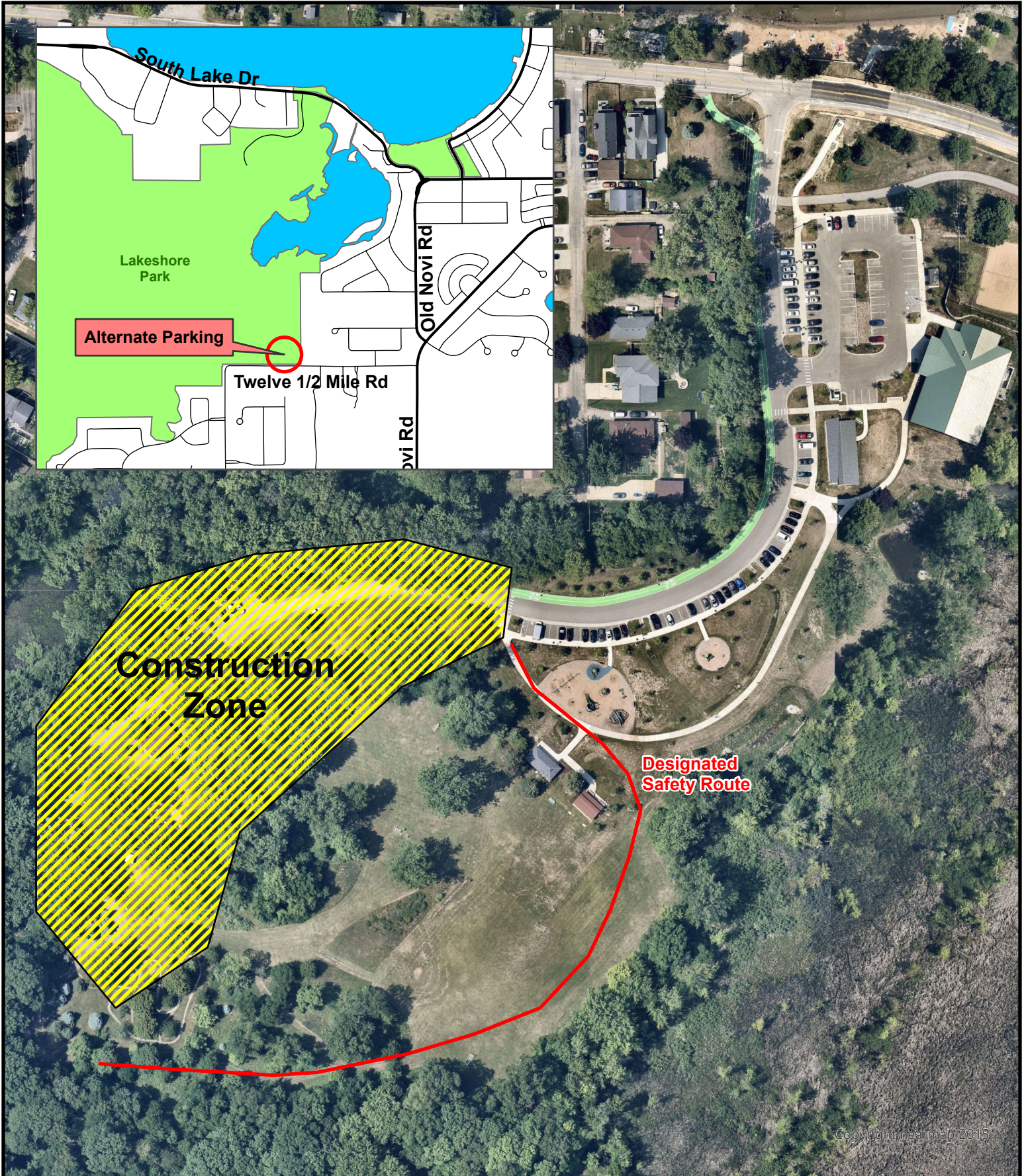


## PARKS UPDATE

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# Alternate Route to Lakeshore Park Trailhead

## City of Novi, Michigan



Map Print Date: March 19, 2024  
 Map Author: J Gartha

# CITY OF NOVI

OAKLAND COUNTY, MICHIGAN

## MEADOWBROOK COMMONS PICKLEBALL AND PARKING AND WILDLIFE WOODS PICKLEBALL AND PARKING

SDA JOB No. NV23-003

SDA JOB No. NV23-006

UTILITY CONTACT INFORMATION

CONSUMERS ENERGY – GAS  
CHRIS SCHNEIDER  
11801 FARMINGTON ROAD  
LIVONIA, MI 48150  
PH: 734-513-6277  
CHRISTOPHER.SCHNEIDER@CMSENERGY.COM

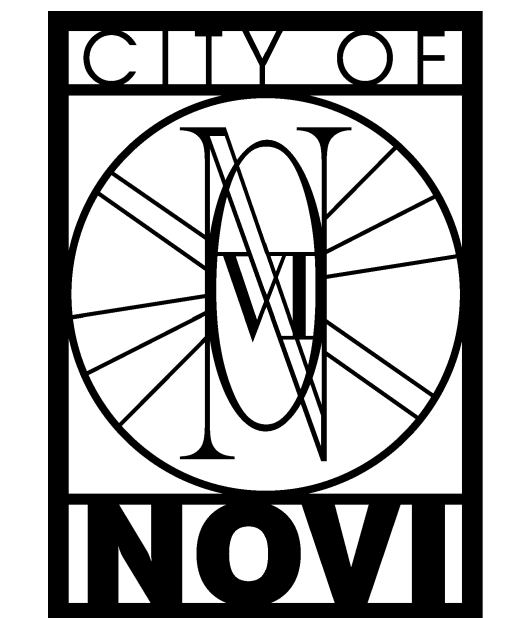
CITY OF NOVI – WATER AND SEWER DIVISION  
SCOTT ROSELLE  
26300 LEE BEGOLE  
NOVI, MI 48375  
PH: 248-735-5640  
SROSELLE@CITYOFNOVI.ORG

DETROIT EDISON – ELECTRIC  
ROBIN O'CONNELL  
8001 HAGGERTY ROAD  
BELLEVILLE, MI 48111  
PH: 734-397-4321  
SWPD@DTEENERGY.COM

CITY OF NOVI – FIELD OPERATIONS MANAGER  
MATT WIKTOROWSKI  
26300 LEE BEGOLE  
NOVI, MI 48375  
PH: 248-735-5640  
MWIKTOROWSKI@CITYOFNOVI.ORG

BRIGHT HOUSE NETWORKS – CABLE  
JEREMY ANDERSON  
31889 INDUSTRIAL ROAD  
LIVONIA, MI 48150  
PH: 734-293-1244  
JEREMY.ANDERSON@MYBRIGHTHOUSE.COM

ATT – COMMUNICATION  
JEFF HEATH  
PH: 248-975-4588  
JH.786@ATT.COM



SHEET INDEX	
Sheet Number	Sheet Title
1	COVER SHEET
2	DEMOLITION PLAN – MEADOWBROOK
3	SITE PLAN – MEADOWBROOK
4	CONCRETE JOINT PLAN – MEADOWBROOK
5	LANDSCAPING PLAN – MEADOWBROOK
6	UTILITY PLAN – MEADOWBROOK
7	GRADING PLAN – MEADOWBROOK
8	DEMOLITION PLAN – WILDLIFE WOODS
9	SITE PLAN – WILDLIFE WOODS
10	CONCRETE JOINT PLAN – WILDLIFE WOODS
11	UTILITY PLAN – WILDLIFE WOODS
12	GRADING PLAN – WILDLIFE WOODS
13	CITY OF NOVI STANDARD DETAILS 1
14	CITY OF NOVI STANDARD DETAILS 2



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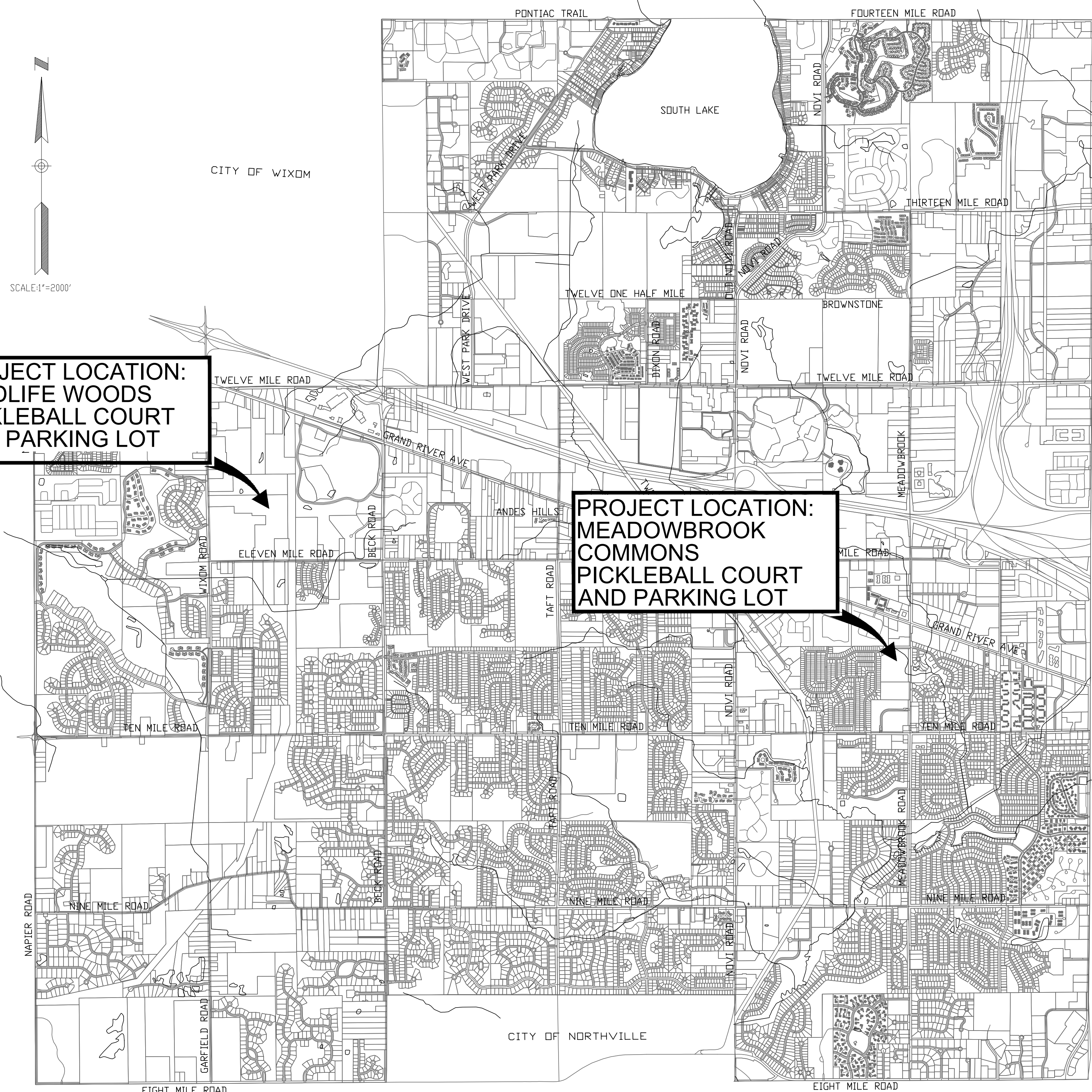
905 South Blvd. East  
Rochester Hills, MI 48307  
Phone: (248) 844-5400  
Fax: (248) 844-5404

www.sda-eng.com  
(800) 598-1600

CITY OF NOVI SESC PERMIT No.

100% PLANS 11/28/2023

ALL WORK SHALL COMPLY WITH THE  
CURRENT STANDARDS AND  
SPECIFICATIONS OF THE CITY OF NOVI



PROJECT LOCATION:  
WILDLIFE WOODS  
PICKLEBALL COURT  
AND PARKING LOT

PROJECT LOCATION:  
MEADOWBROOK  
COMMONS  
PICKLEBALL COURT  
AND PARKING LOT

### CITY COUNCIL

MAYOR:  
JUSTIN FISCHER

MAYOR PRO-TEM:  
LAURA MARIE CASEY

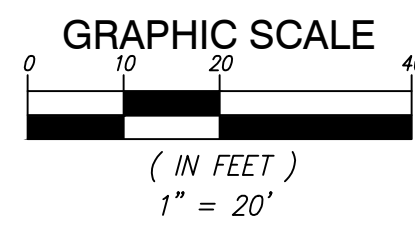
### COUNCIL MEMBERS:

DAVID STAUDT  
ERICKA THOMAS  
PRIYA GURUMURTHY

BRIAN SMITH  
MATT HEINTZ



Plotted Dec 21, 2023, 3:37 PM by user: 1080 - Saved: 12/21/2023 by user: 1080  
J:\NV\Design\NV23003 - Meadowbrook Commons Pickleball Parking.dwg NV23003.dwg



**CONSTRUCTION QUANTITIES**

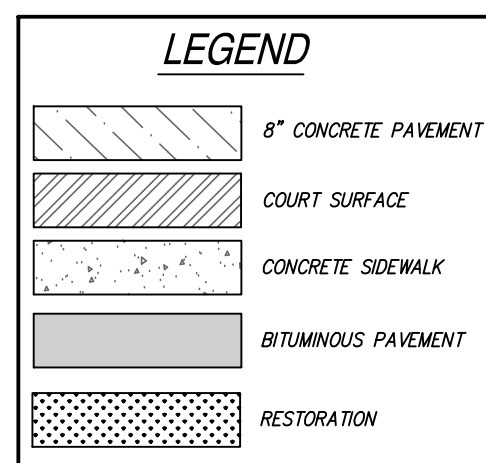
Item	Quantity	Unit
Geogrid, Triax TX 5	2814	SY
Aggregate Base, 4 inch, Limestone	264	SY
Aggregate Base, 8 inch, Limestone	2814	SY
HMA, 4EL	145	TON
HMA, 5EL	242	TON
Conc Pavt, Nonreinf, 6 inch	25	SY
Reinforced Court Pavement	9000	SF
Acrylic Resurfacer, As Needed	50	GAL
Liquid Acrylic Surface	9000	SF
Curb and Gutter, Conc, Det F2	371	LF
Sidewalk, Conc, 4 inch	1174	SF
Integral Concrete Curb & Walk	1196	SF
Pickleball Net, Complete	4	EA
8' Chain Link Fence	443	LF
8' Single Gate	2	EA
Pavt Mirk, Thermopl, 4 inch, White	808	LF
Court Line Paint	792	LF
Bench	4	EA
10' x 14' Fabric Shade Shelter, Complete	4	EA
Bike Rack	1	EA

- PAVING CONSTRUCTION NOTES**
- EARTHWORK AND PAVEMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT MOST STANDARD SPECIFICATIONS FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE FOLLOWING ITEMS.
  - REMOVE ANY EXISTING TOPSOIL, VEGETATION, TREES AND OTHER DELETERIOUS MATERIALS TO EXPOSE THE SUBGRADE SOIL. TREE ROOTS SHALL BE COMPLETELY REMOVED.
  - EXCAVATE TO THE DEPTH OF THE FINAL SUBGRADE ELEVATION TO ALLOW FOR GRADE CHANGES AND THE PLACEMENT OF THE RECOMMENDED PAVEMENT SYSTEM.
  - THE TOP 12 INCHES OF THE EXPOSED SUBGRADE SHALL BE COMPACTED TO A DENSITY NO LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557-91).
  - THE FINAL SUBGRADE SHALL BE THOROUGHLY PROFFERED UNDER THE OBSERVATION OF A GEOTECHNICAL/PAVEMENT ENGINEER. LOOSE OR YIELDING AREAS WHICH CANNOT BE MECHANICALLY STABILIZED SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL OR AS DICTATED BY FIELD CONDITIONS.
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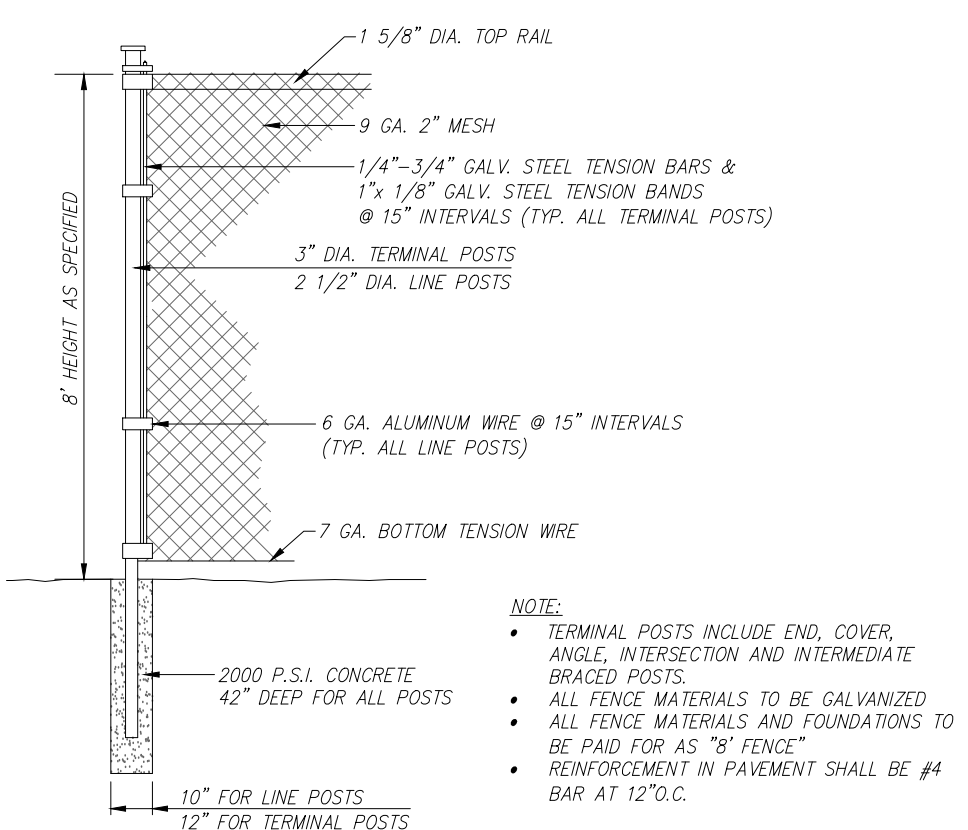
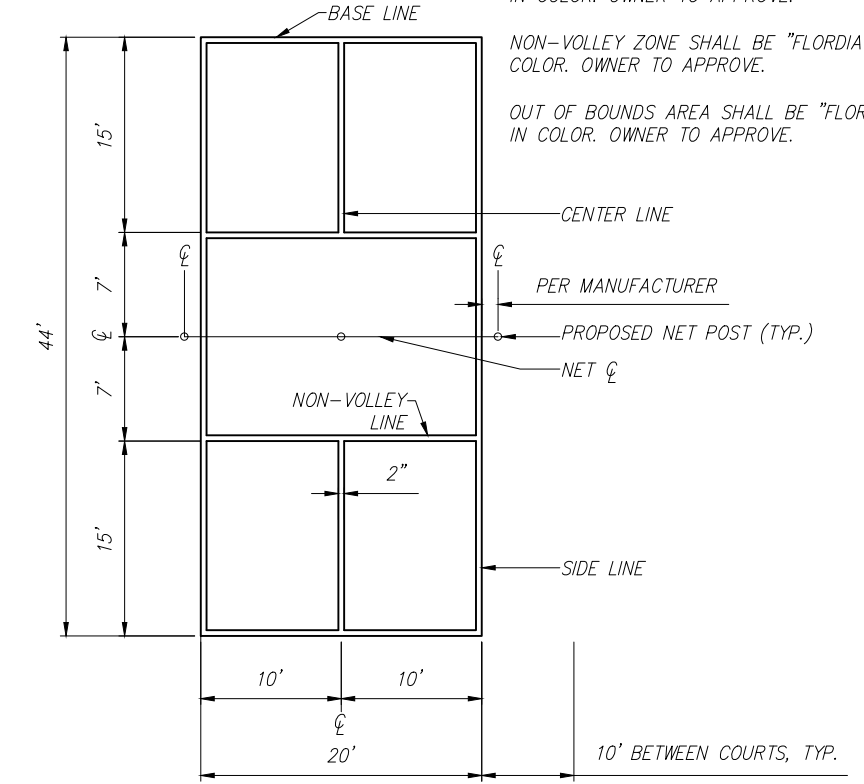
**NOTES:**  
BENCH SHALL BE RECYCLED PLASTIC, 6 FOOT, BLACK METAL, CEDAR PLASTIC, SURFACE MOUNT WITH ARM RESTS.  
SHADE SHELTER SHALL BE A PRE-ENGINEERED, PRE-FABRICATED, FABRIC "OFFSET T-CANTILEVER" SHADE STRUCTURE. THE 10' x 14' FABRIC SHADE SHELTER SHALL BE MANUFACTURED BY SHADE SYSTEM, SKYWAYS, OR APPROVED EQUAL.

**CONSTRUCTION QUANTITIES**

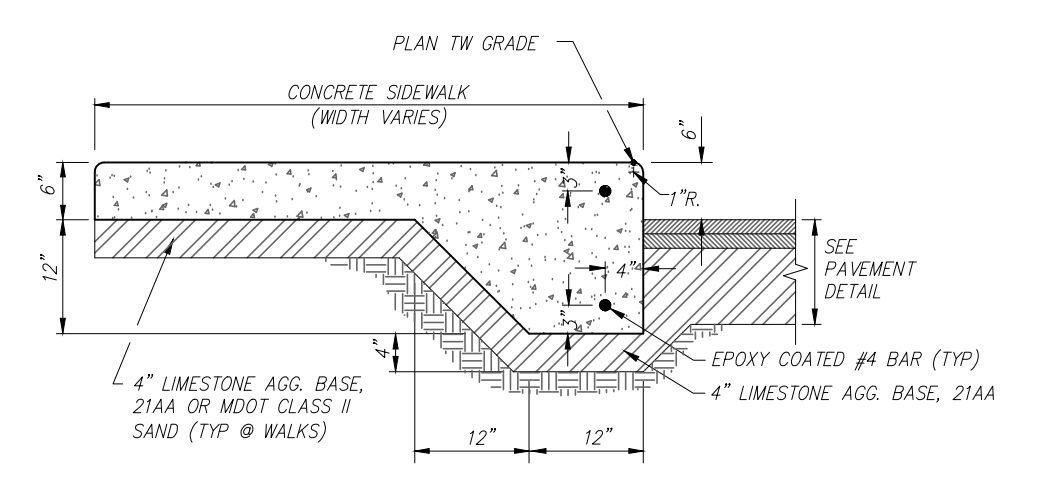
Item	Quantity	Unit
Bonds, Insurance and Mobilization (10% Max)	1	LS
Pre Construction Audio/Visual	1	LS
Soil Erosion Sedimentation Control	1	LS
Excavation, Earth	1100	CY
Subgrade Undercut (As Needed)	100	CY
Restoration	1	LS



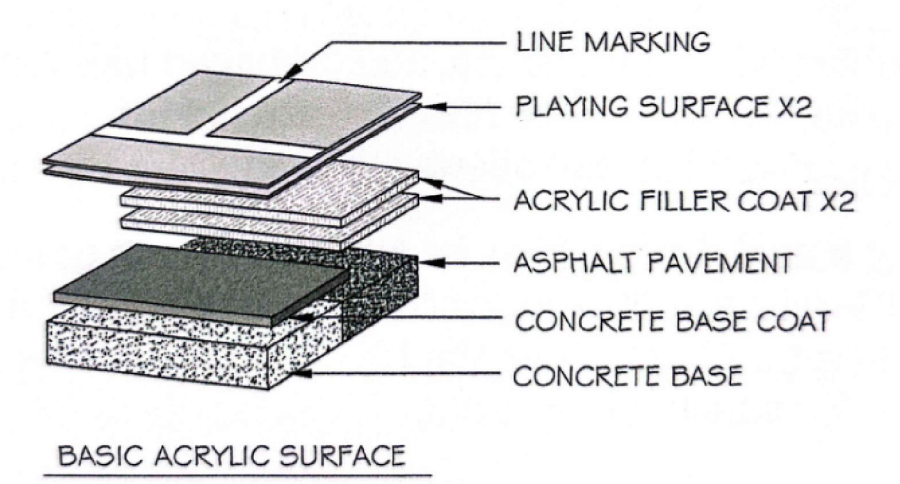
**NOTES:**  
ALL DIMENSIONS ARE MEASURED TO THE OUTSIDE OF LINES.  
ALL LINES SHALL BE 2 INCHES WIDE AND SHALL BE "INSIGNIA WHITE" IN COLOR.  
LEFT AND RIGHT SERVICE AREAS SHALL BE "BRUNN BLUE" IN COLOR. OWNER TO APPROVE.  
NON-VOLLEY ZONE SHALL BE "FLORIDA GREEN EBONY" IN COLOR. OWNER TO APPROVE.  
OUT OF BOUNDS AREA SHALL BE "FLORIDA GREEN EBONY" IN COLOR. OWNER TO APPROVE.



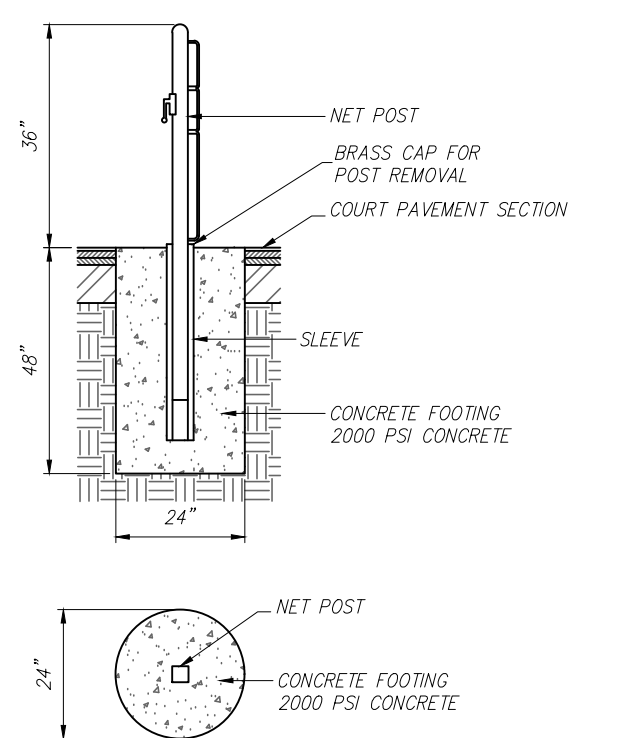
**PICKLEBALL COURT LAYOUT**  
NO SCALE



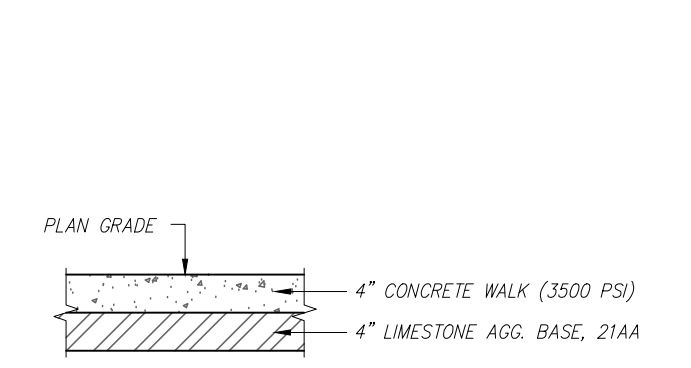
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INTEGRAL WALK/CURB



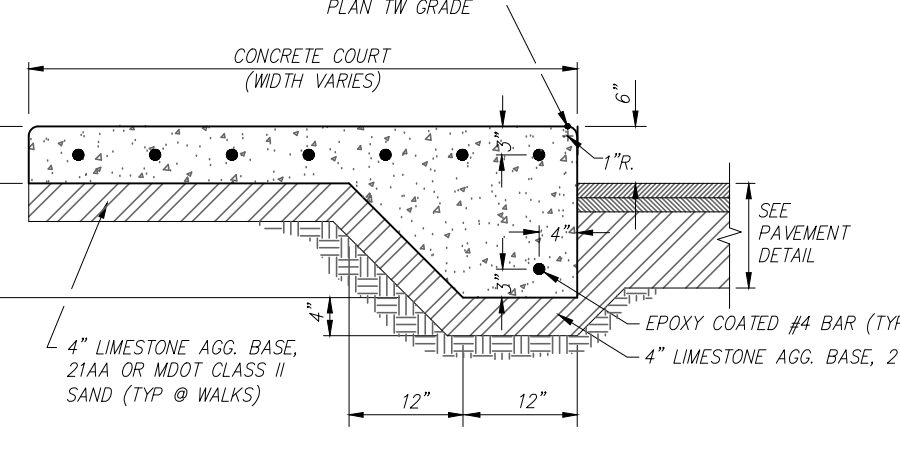
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ACRYLIC APPLICATION CROSS SECTION



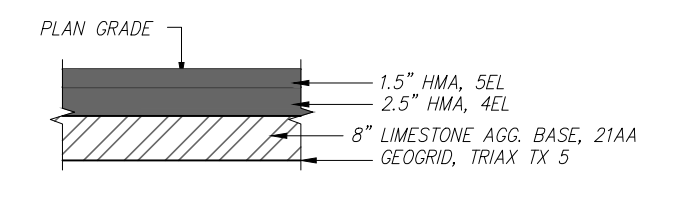
**DETAIL**  
PICKLEBALL NET POST



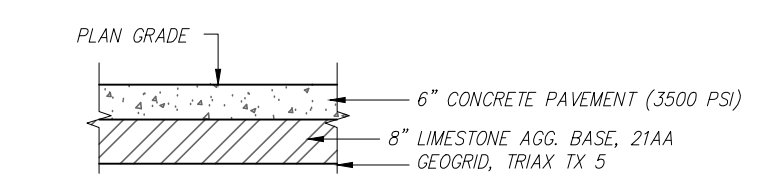
**DETAIL**  
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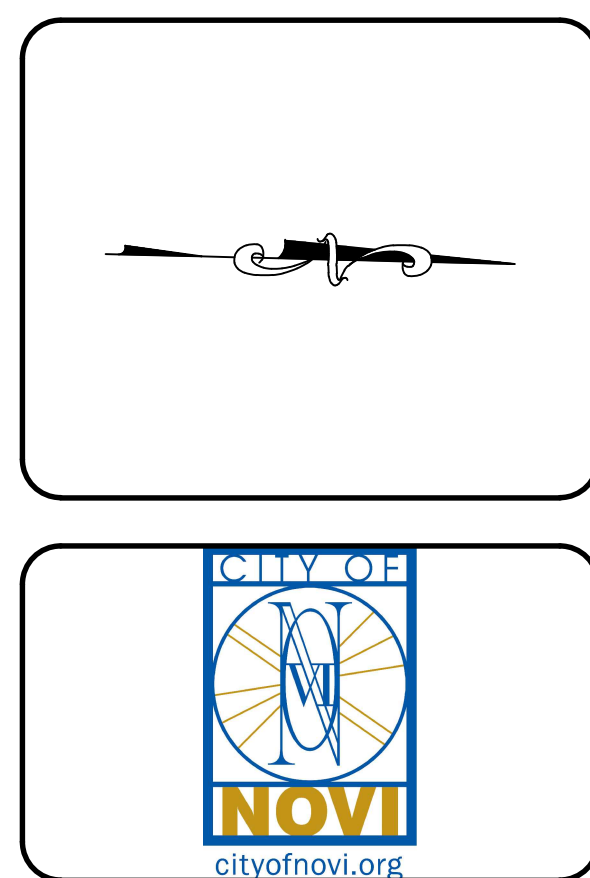
**SECTION**  
REINFORCED COURT PAVEMENT



**DETAIL**  
BITUMINOUS PAVEMENT SECTION



**DETAIL**  
CONCRETE PAD SECTION



**811**  
Know what's below.  
Call before you dig.  
PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING UTILITIES (IN CONFLICT WITH PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. CALL MISS DIG 3 WORKING DAYS PRIOR TO CONSTRUCTION.  
**UTILITY NOTE**  
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**NV23003 - MEADOWBROOK COMMONS PICKLEBALL PARKING**

**SITE PLAN - MEADOWBROOK**  
SECTION 17  
TOWN 1 NORTH RANGE 8 EAST  
CITY/TOWNSHIP NOVI  
COUNTY OAKLAND

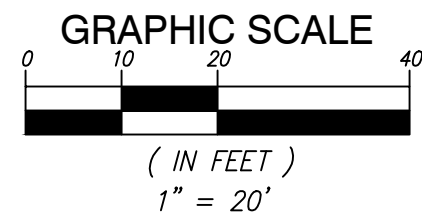
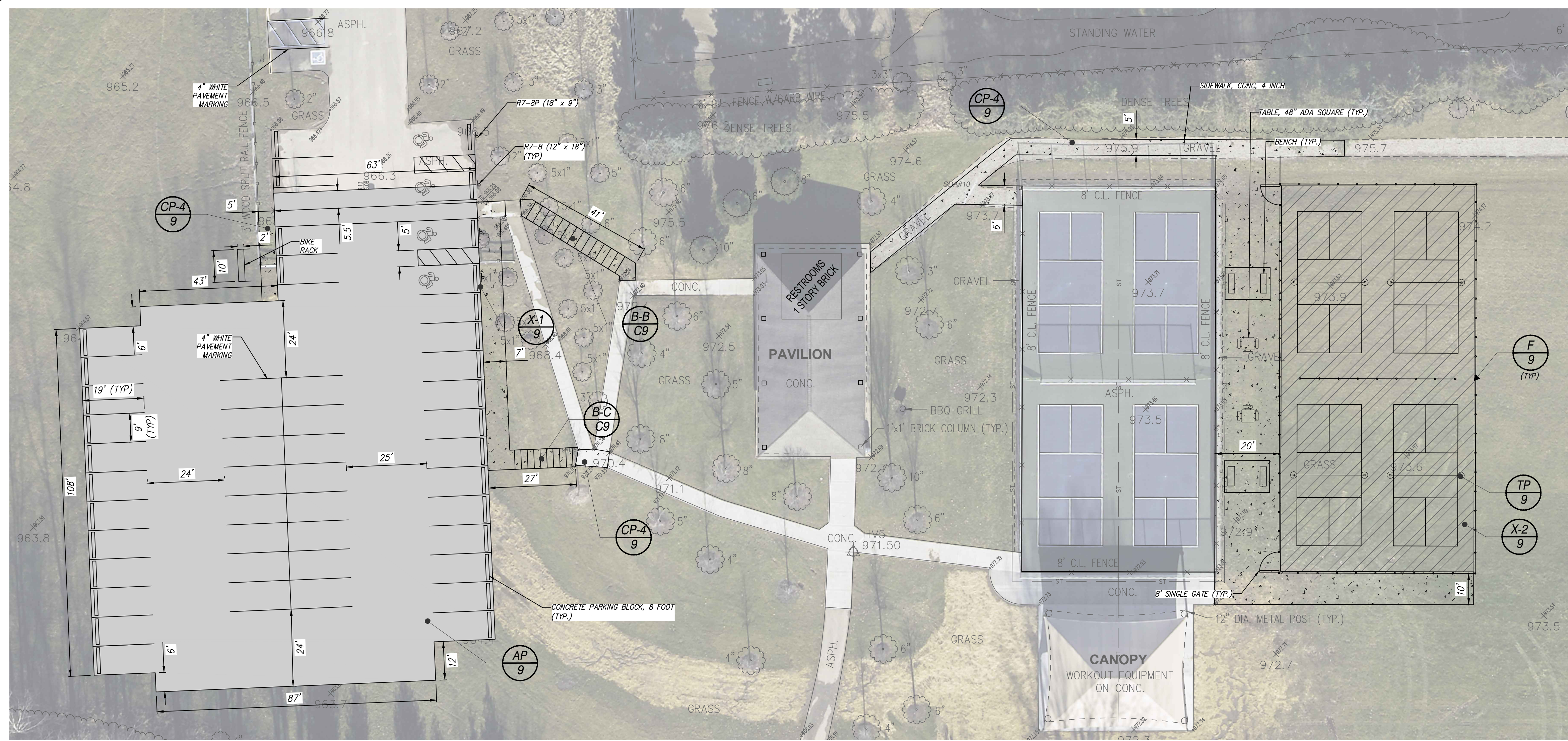
NO.	DATE	SUBMITTAL
1	07-27-23	30% PLANS
2	10-13-23	90% PLANS
3	11-28-23	100% PLANS

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
IF NOT ONE INCH ON THIS SHEET,  
ADJUST SCALES ACCORDINGLY

DATE	DATE
07-27-23	07-27-23
07-27-23	07-27-23
01-03-24	01-03-24
12-01-23	12-01-23

DRAWER: H. DEMERS  
DESIGNER: N. GUENTHER  
CHECKED BY: K. BASSETT  
PROJECT MANAGER: T. REYNOLDS  
DEPARTMENT MANAGER APPROVAL: J. SCHIROT  
JOB NO: NV23003  
SCALE: 1" = 20'

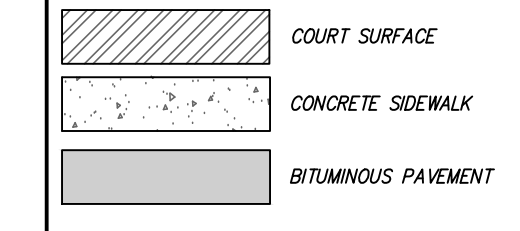
DATE: 07-27-23  
DATE: 07-27-23  
DATE: 01-03-24  
DATE: 12-01-23  
DRAWING NO: NV23003SPL  
SHEET NO: 3 OF 14



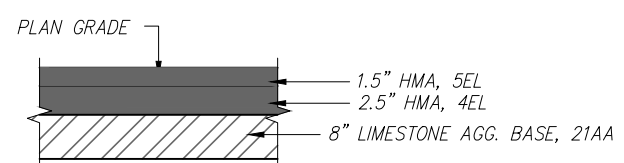
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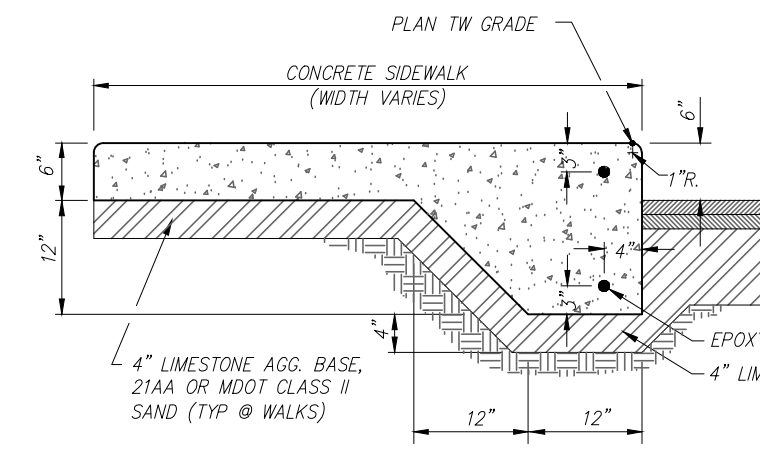
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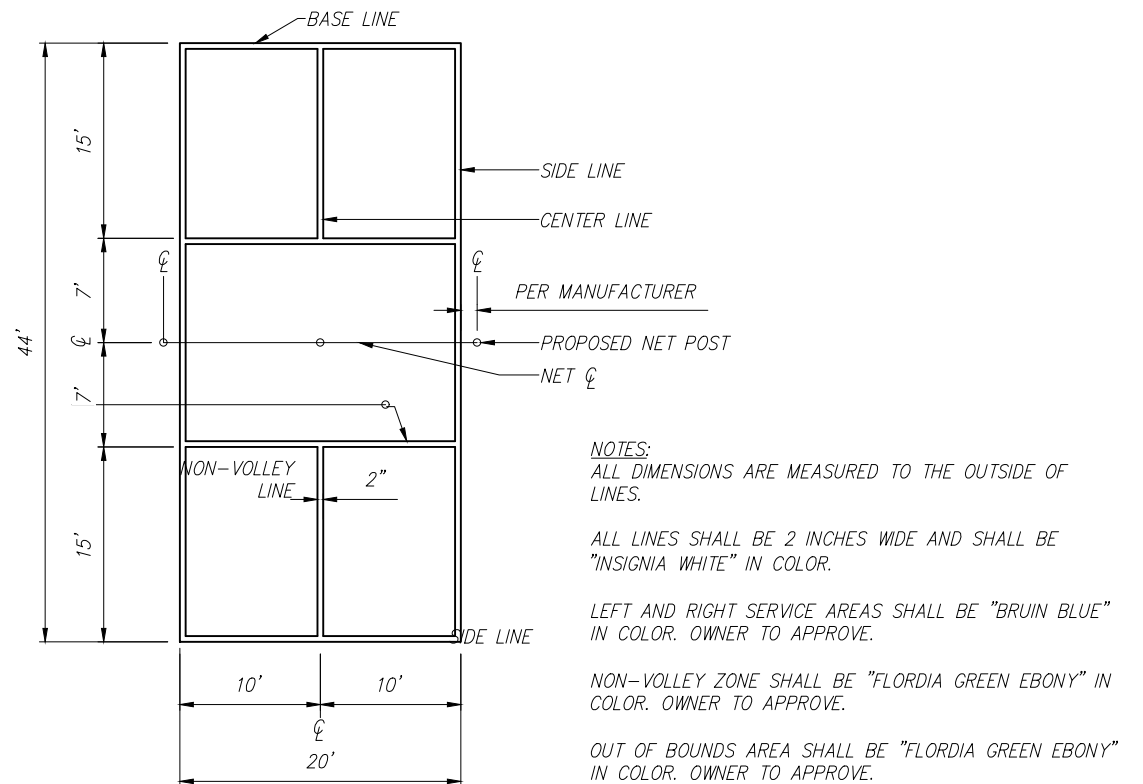
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 SHADE SHELTER SHALL BE A PRE-ENGINEERED, PRE-FABRICATED, FABRIC, OFFSET T-CANTILEVER SHADE STRUCTURE. THE 10' X 14' FABRIC SHADE SHELTER SHALL BE MANUFACTURED BY SHADE SYSTEM, SKYWAYS, OR APPROVED EQUAL.



**DETAIL**  
BITUMINOUS PAVEMENT SECTION (AP 9)



**SECTION**  
INTEGRAL WALK/CURB (X-1 9)



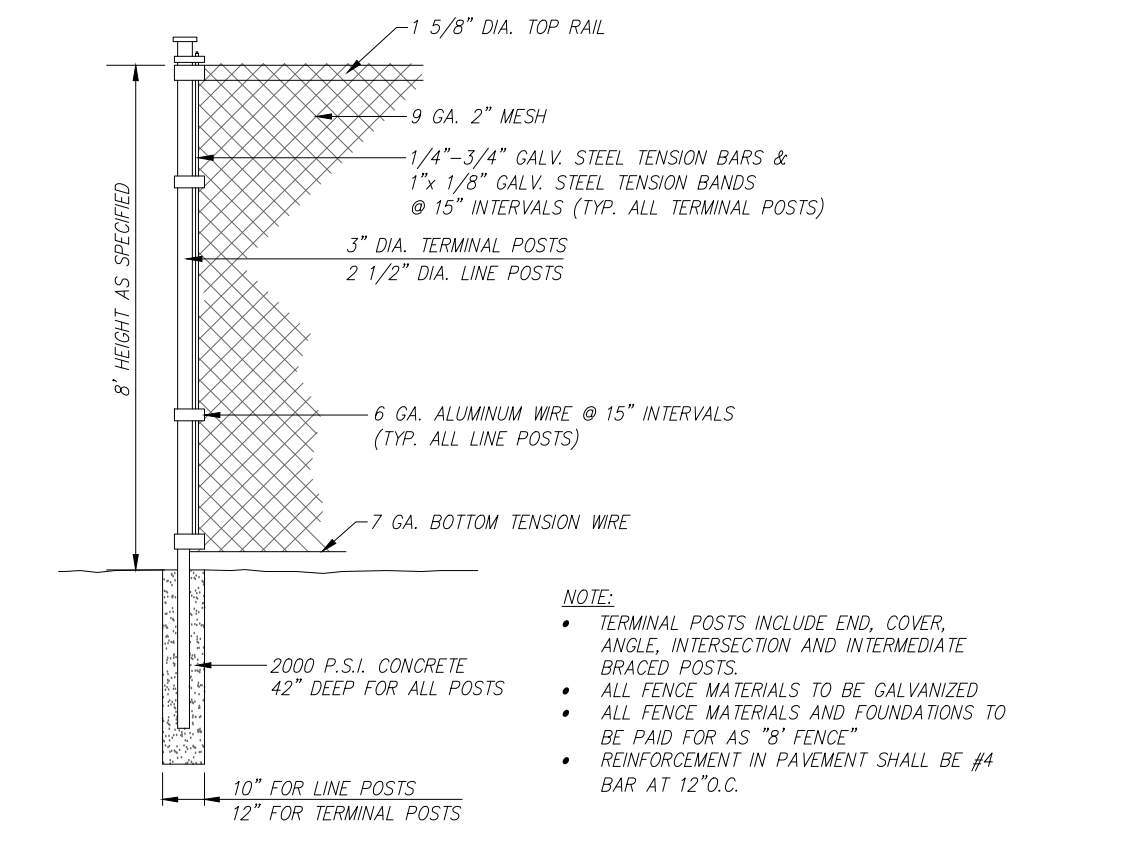
**PICKLEBALL COURT LAYOUT**  
NO SCALE

**CONSTRUCTION QUANTITIES**

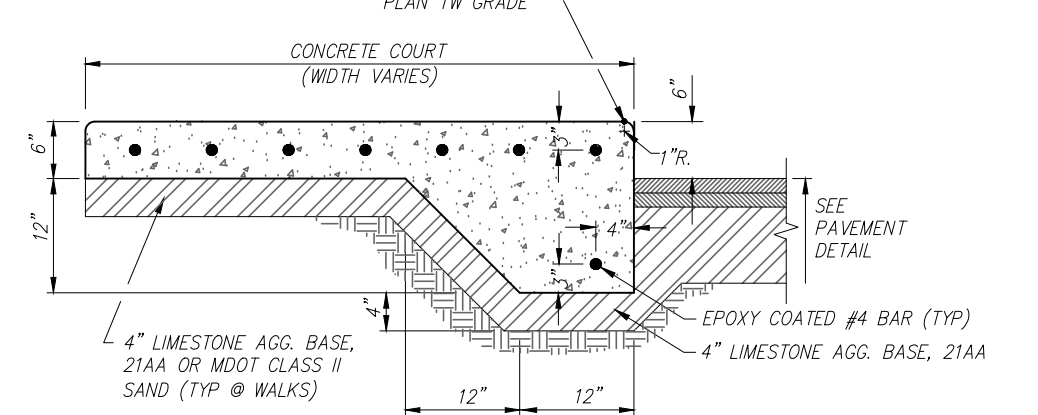
Item	Quantity	Unit
Bonds, Insurance and Mobilization (10% Max)	1	LS
Pre Construction Audio/Visual	1	LS
Soil Erosion Sedimentation Control	1	LS
Excavation, Earth	1300	CY
Subgrade Undercut (As Needed)	100	CY
Restoration	1	LS

**CONSTRUCTION QUANTITIES**

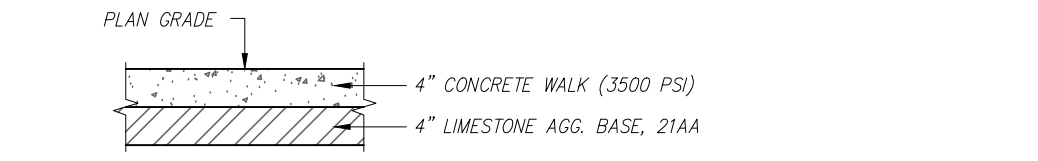
Item	Quantity	Unit
Aggregate Base, 4 inch, Limestone	775	SY
Aggregate Base, 8 inch, Limestone	2650	SY
HMA, 4EL	168	TON
HMA, 5EL	280	TON
Reinforced Court Pavement	7200	SF
Acrylic Resurfacer, As Needed	50	GAL
Liquid Acrylic Surface	7200	SF
Sidewalk, Conc, 4 inch	4625	SF
Integral Concrete Curb & Walk	605	SF
Pickleball Net, Complete	4	EA
Table, 48" ADA Square	2	EA
8' Chain Link Fence	400	LF
8' Single Gate	2	EA
Pav't Mrkg, Thermopl, 4 inch, White	1240	LF
Court Line Paint	792	LF
Bench	4	EA
10' x 14' Fabric Shade Shelter, Complete	2	EA
Concrete Stairs, Complete	2	EA
Bike Rack	1	EA
Concrete Parking Block, 8 Foot	28	EA
Sign, R7-8, Complete	4	EA
Sign, R7-8P, Complete	1	EA



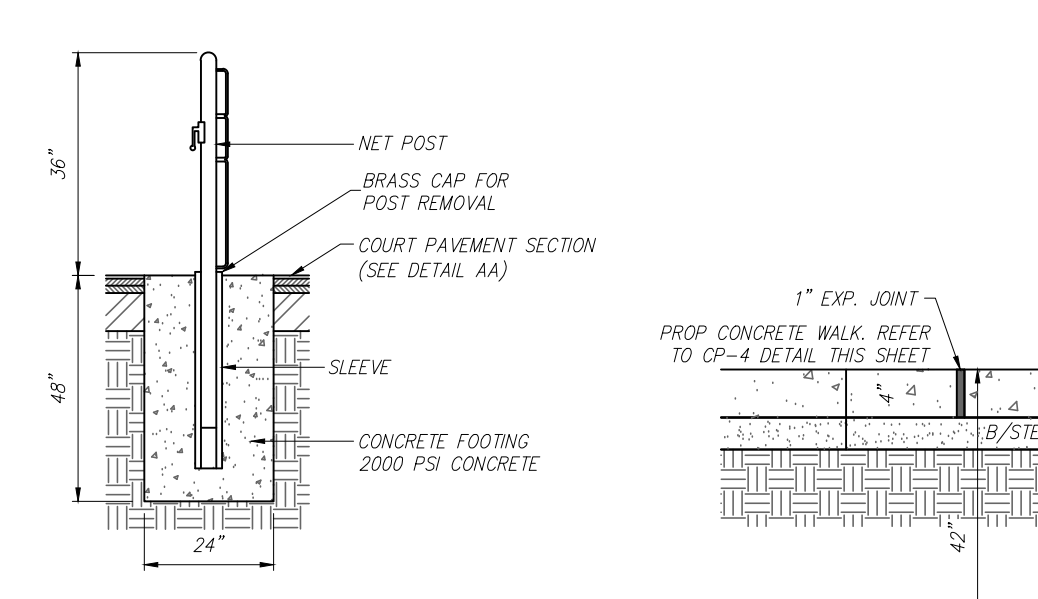
**DETAIL**  
8' CHAIN LINK FENCE (F 9)



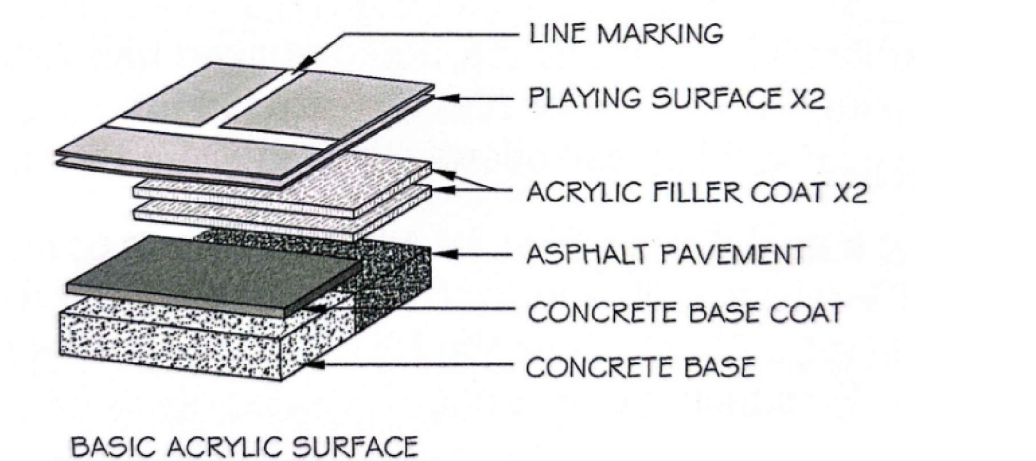
**SECTION**  
REINFORCED COURT PAVEMENT (X-2 9)



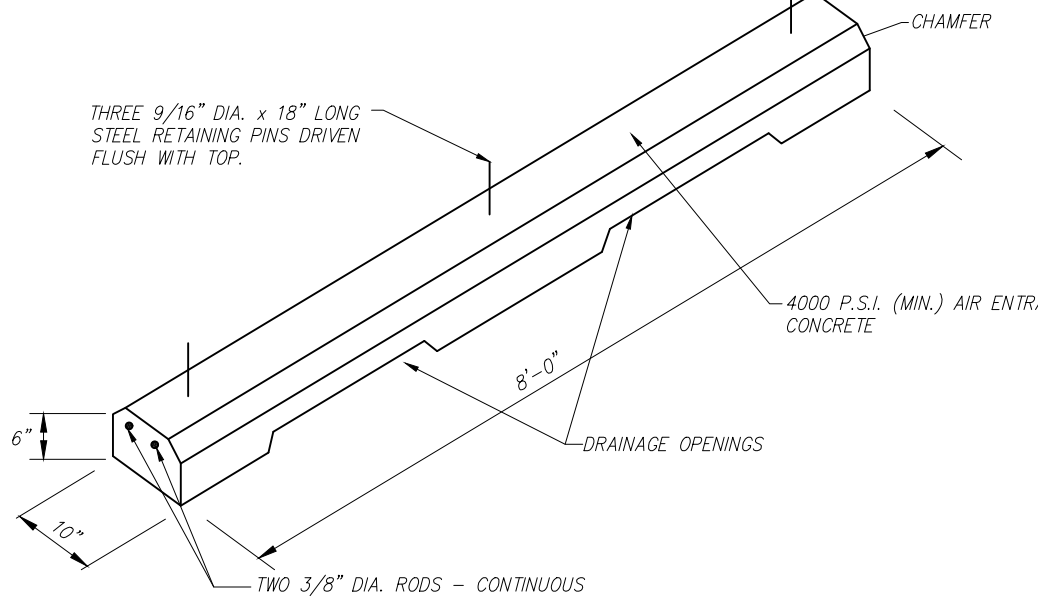
**DETAIL**  
4" CONCRETE WALK (CP-4 9)



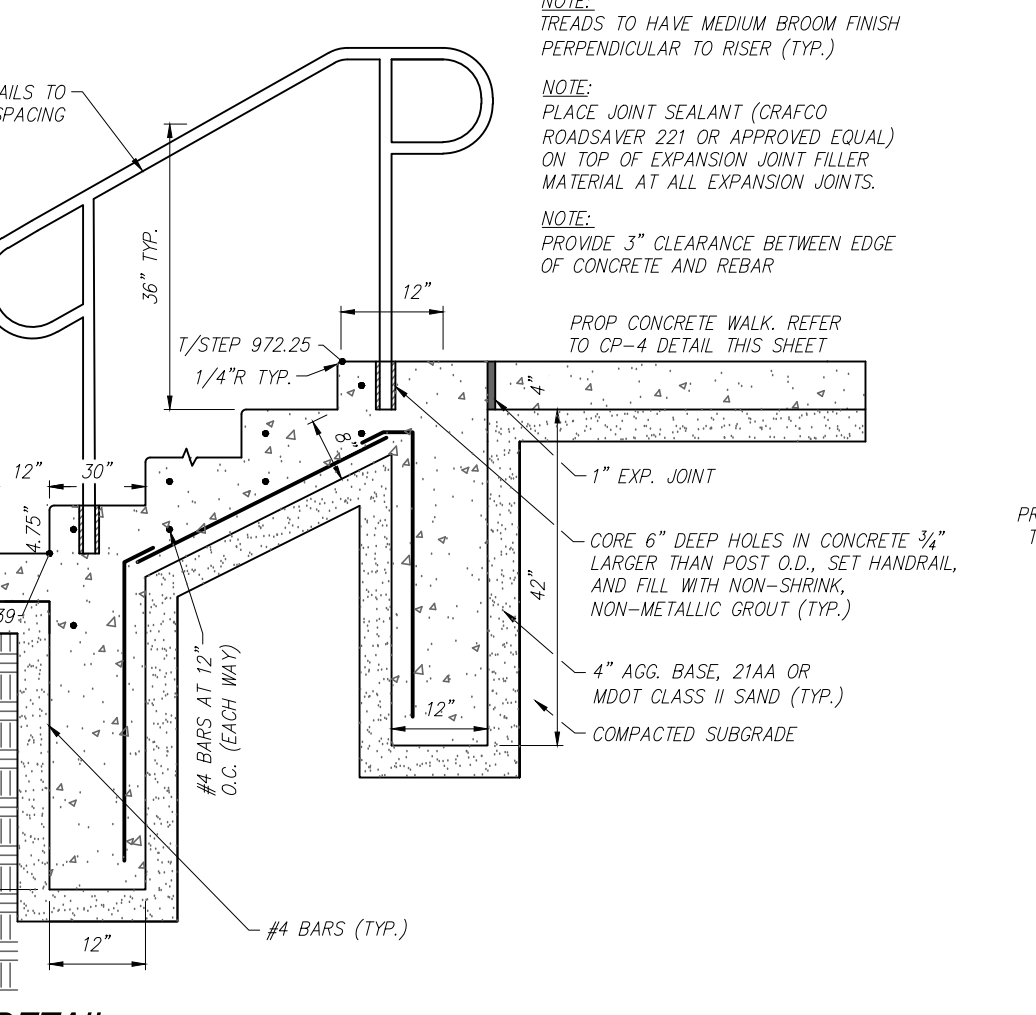
**DETAIL**  
PICKLEBALL NET POST (TP 9)



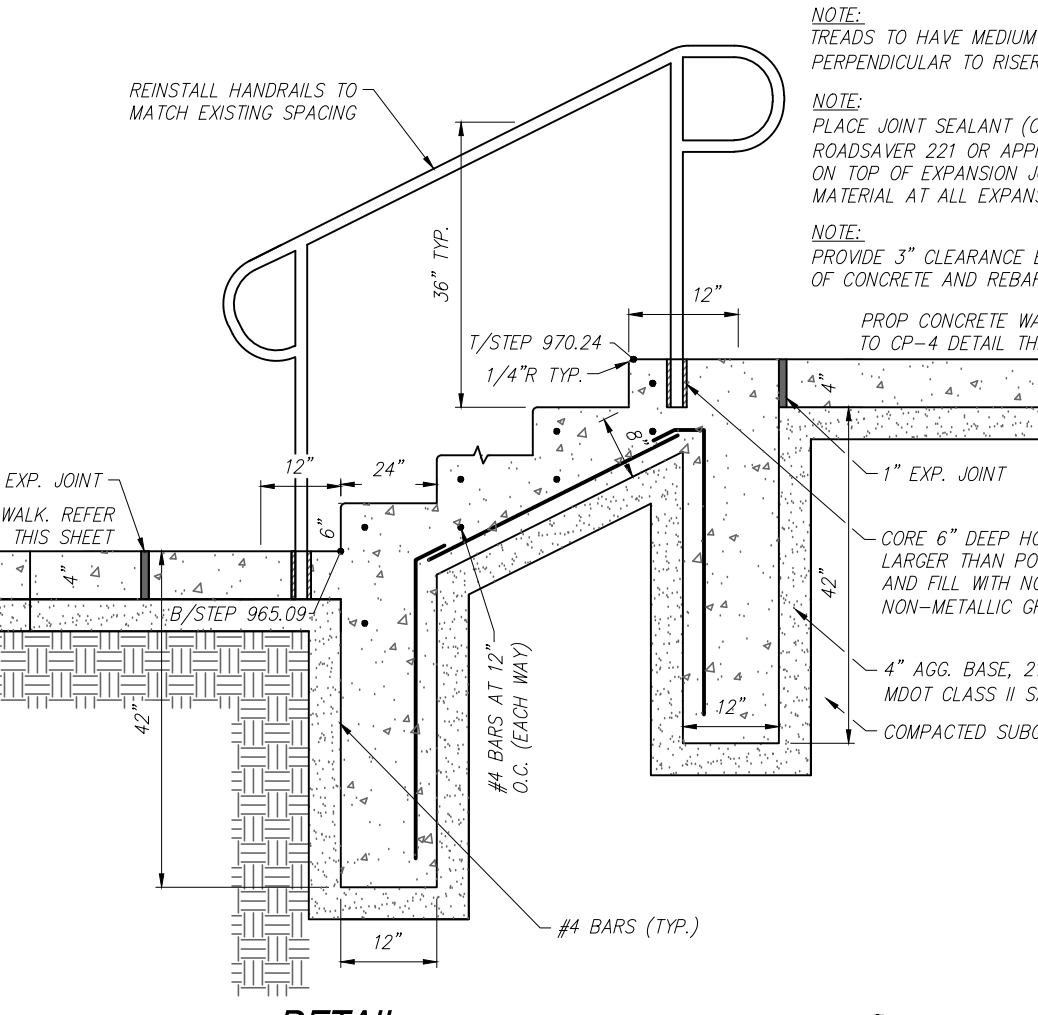
**DETAIL**  
ACRYLIC APPLICATION CROSS SECTION (AA 9)



**DETAIL**  
CONCRETE PARKING BUMPER (X-1 9)



**DETAIL**  
STAIR CROSS-SECTION (B-B 9)



**DETAIL**  
STAIR CROSS-SECTION (B-C 9)

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 (800) 598-1600

**CITY OF NOVI**  
 cityofnovi.org

**811**  
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 Call before you dig.  
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**NV23006 - WILDLIFE WOODS PICKLEBALL PARKING**  
 SITE PLAN - WILDLIFE WOODS

**SECTION 17**  
TOWN 1 NORTH RANGE 8 EAST  
CITY/TOWNSHIP NOVI  
COUNTY OAKLAND

NO.	DATE	SUBMITTAL
1	07-27-23	30% PLANS
2	10-04-23	90% PLANS
3	11-28-23	100% PLANS

VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 IF NOT ONE INCH ON THIS SHEET,  
 ADJUST SCALES ACCORDINGLY

DRAWN BY	DATE
H. DEMERS	10-13-23
DESIGNER	DATE
N. GUENTHER	10-13-23
CHECKED BY	DATE
K. GASSETT	10-13-23
PROJECT MANAGER	BID PLAN DATE
T. REYNOLDS	01-03-24
DEPARTMENT MANAGER APPROVAL	DATE
J. SCHRÖT	12-01-23

JOB NO: NV23006 DRAWING NO: NV23006SPL  
 SCALE: 1" = 20' SHEET NO: 9 OF 14

Plotted Dec 21, 2023, 3:39 PM by user: 1080 - Saved 12/21/2023 by user: 1080  
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